

na·De®

PRODUCT CATALOGUE

2025

LIGHTING & EMERGENCY GUIDANCE

SENSOR & SENSORLIGHTING

VIDEO & AUDIO INTERCOM SYSTEMS

FIRE DETECTION & WARNING SYSTEMS



DMY
ELEKTRİK | OTOMASYON | AYDINLATMA

ALGA

SAVIO
OTOMASYON

na·De





DMY Electrical Automation Lighting Inc. (www.dmyea.com.tr) is a new structure formed by the merger of ALGA, SAVIOR, and NA-DE companies, which operated under the DMY group in 2020.

The merging of these companies, each with extensive experience in their respective fields, was aimed at creating significant synergy by DMY Group to promote economic activity, and the positive impact of this has been achieved in a short time.

Although the activities of the merged three companies differ, the intersection points and the provision of intersecting services at a higher quality were realized as one of the main objectives.

The companies, gathered at DMY group's address in Sancaktepe under the name DMYEOA, provide production, logistics, technical service, and other services in a total area of 12,000 m2.

Apart from our headquarters, our activities are conducted by our branches in Ankara, Izmir, Bursa, and Karaköy (Showroom), as well as our representative offices in Adana, Gaziantep, Antalya, and Trabzon.

For over 50 years, our company has been continuing its production activities for the NA-DE brand, which is a pioneer in the Lighting, Sensor, Video and Audio Intercom Systems, Fire Detection, Solar-powered lighting fixtures, and price boards sectors, through dealerships nationwide, offering domestically manufactured and quality products to end-users.

With its current trajectory, NA-DE has secured a competitive position in its industry. Through its modern infrastructure and testing equipment, it conducts R&D activities in its laboratories equipped with all kinds of equipment, introducing new design products such as the first domestically manufactured "Motion Sensor" and "Motion Sensor Ceiling and Wall Mounted Lighting Fixtures" as a result of long-term research. NA-DE carries out its production with the latest technology machinery and equipment, offering products that comply with national (TSE) and international standards (ISO 9001, CE, TUV GS) to both domestic and international markets. NA-DE is progressing and evolving with solid steps towards the future. By implementing quality policies and conducting activities in its R&D center established in 2018, it continuously renews itself and its production portfolio with advancements and modernization in production techniques.

In the electrical storage segment, previously operated under our company as ALGA Engineering Inc., industrial type dry VRLA, GEL, and Li-ion batteries, certified according to TSE standards under the USB and CGB brands, are also sold, distributed, and warranted within the DMYEOA structure. We distribute these products to various sectors in need of them through our dealers or direct channels, always ensuring their timely delivery under appropriate storage conditions.

In the field of Machine Automation, our company, previously operating as SAVIOR Control Automation Inc., represents or distributes world-renowned brands such as Panasonic, ABB, Weintek, INVT, Euradrive, Trio Motion, HSC, Chint, focusing on servo motors, servo drives, frequency converters, inverters, HMI, control panels, industrial PCs, AG switchgear products, automation relays, soft starters, PLCs, and CNC controllers, serving machine manufacturers, HVAC, marine, plastic, iron, and steel industries, aiming to create value and benefit.

Through its activities in the electrical, electronic, and power electronics sectors, DMY Group provides numerous input products and value-added services to facilitate industrial and industrial development.

In line with this, DMYEOA continues to expand and broaden its activities in various fields, fulfilling its share of responsibility.



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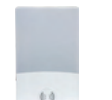























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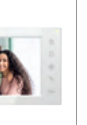





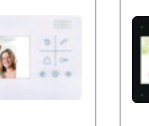
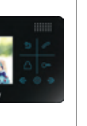




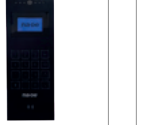








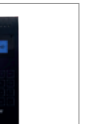
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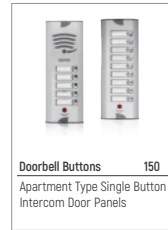
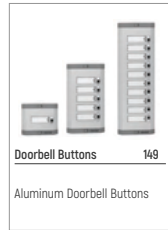
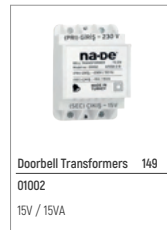
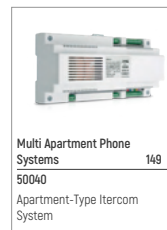
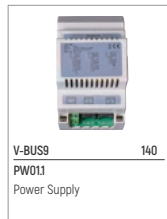
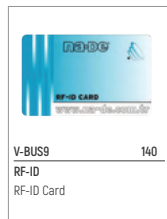
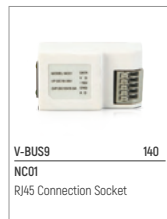
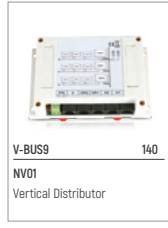
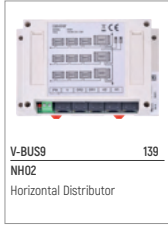
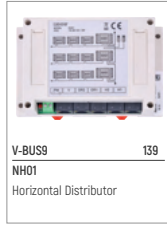
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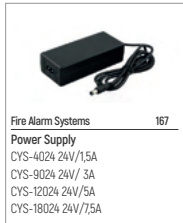
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na·De®

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SENSOR & SENSOR LIGHTING



VIDEO & AUDIO INTERCOM SYSTEMS



FIRE DETECTION & WARNING SYSTEMS

**WHERE
THERE IS
LIGHT
THERE IS
LIFE**

LIGHTING



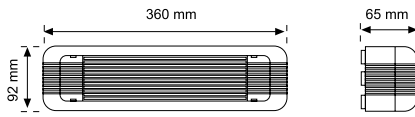
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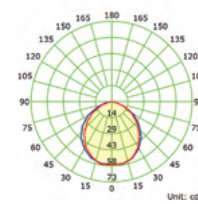
Emergency Lighting & Guidance Armatures

15036-48-N** (Surface-mounted) / 16036-48-N** (Flush-mounted)

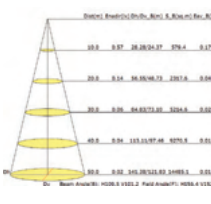
Emergency Lighting Armature - Non-maintained - with Sticker***



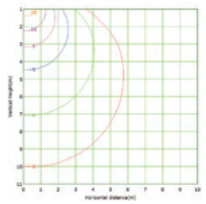
Luminous Intensity Distribution



Curve Illuminance at a Distance



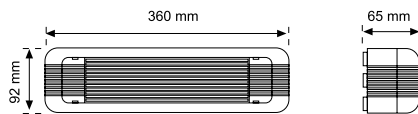
Vertical IsoLux Plot



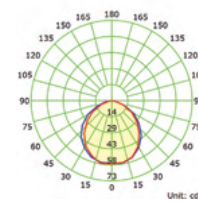
Operating Voltage	Working Mode	Luminous Flux	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
230-240V~50/60Hz	NM	130 lm	5 Hours	3x1.2V 200mAh AA Ni-MH	-20°C ~ +40°C	IP 20

15036-48 (Surface-mounted) / 16036-48 (Flush-mounted)

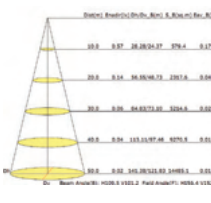
Emergency Lighting Armature - Non-maintained



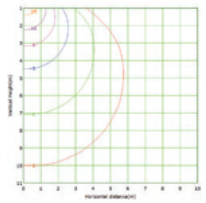
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



Operating Voltage	Working Mode	Luminous Flux	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
230-240V~50/60Hz	NM	130 lm	5 Hours	3x1.2V 200mAh AA Ni-MH	-20°C ~ +40°C	IP 20

***Emergency Guidance Stickers

N
ÖZEL

CUSTOMIZABLE
STICKER

N3



N9



N11



N13



N1

EXIT

N4



N10



N12



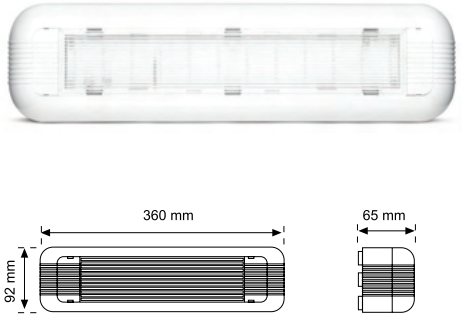
N14



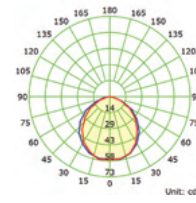
Emergency Lighting & Guidance Armatures

15136-48 (Surface-mounted) / 16136-48 (Flush-mounted)

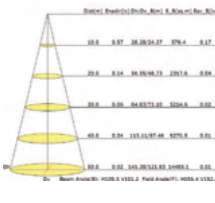
Emergency Lighting Armature - Maintained



Luminous Intensity Distribution

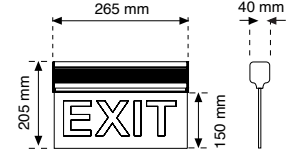


Curve Illuminance at a Distance



Emergency Lighting & Guidance Armatures

17110-265mm / 17110-265mm-G LED Emergency Guidance Armature with Chain Mounting (Double-Sided)***



- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

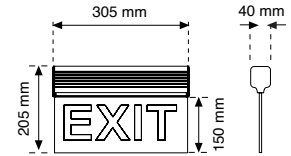
- 48 hour charging
- Engraving options
- Minimum 3 hour emergency lighting duration

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	Ni/2V 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

17110-305mm LED Emergency Guidance Armature with Chain Mounting (Double-Sided)***



- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration



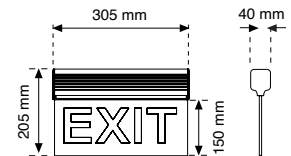
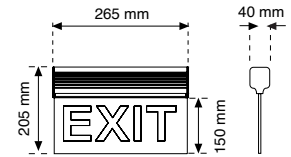
Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	Ni/2V 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

17130-265mm / 305mm LED Emergency Guidance Armature with Chain Mounting (Double-Sided)***



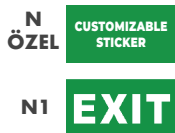
ALUMINUM BODY

- 12 to 48-hour charging duration options
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration



Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	Ni/2V 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

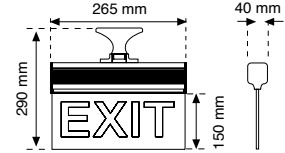
***Emergency Guidance Stickers



Emergency Lighting & Guidance Armatures

17120-265mm/ 17120-265mm-G

LED Emergency Guidance Armature with Mounting Apparatus (Double-Sided)***



- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

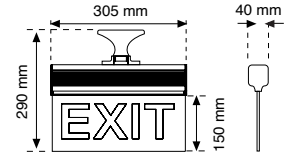
Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	16(2)Y 1800mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

17120-305mm

LED Emergency Guidance Armature with Mounting Apparatus (Double-Sided)***



- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration



Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	16(2)Y 1800mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

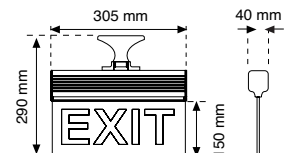
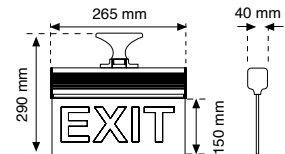
17140-265mm/305mm

LED Emergency Guidance Armature with Mounting Apparatus (Double-Sided)***



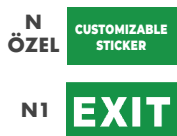
ALUMINUM BODY

- 48 hour charging
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration



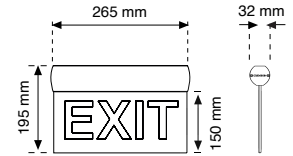
Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	16(2)Y 1800mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

***Emergency Guidance Stickers



Emergency Lighting & Guidance Armatures

18110-265mm / 18130-265mm LED Emergency Guidance Armature with Chain Mounting (Double-Sided)***



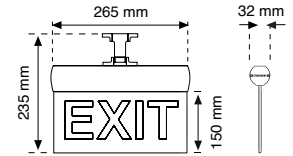
ALUMINUM BODY

- 48 hour charging
- Engraving options
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

- 48 hour charging
- Engraving options
- Aluminum body
- Minimum 3 hour emergency lighting duration

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	Maintained	3 Hours	1x/2x 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

18120-265mm / 18140-265mm LED Emergency Guidance Armature with Mounting Apparatus (Double-Sided)***



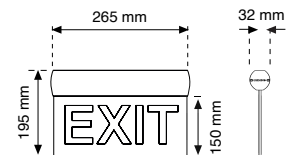
ALUMINUM BODY

- 48 hour charging
- Engraving options
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

- 48 hour charging
- Engraving options
- Aluminum body
- Minimum 3 hour emergency lighting duration

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	Maintained	3 Hours	1x/2x 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

18110-265mm-B / 18130-265mm-B LED Emergency Guidance Armature with Chain Mounting (Double-Sided)***



ALUMINUM BODY

- 48 hour charging
- Engraving options
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

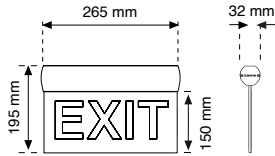
- 48 hour charging
- Engraving options
- Aluminum body
- Minimum 3 hour emergency lighting duration

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	Maintained	3 Hours	1x/2x 1000mAh AA Ni-Cd	-20°C ~ +40°C	IP 20

Emergency Lighting & Guidance Armatures



19110-265mm / 19130-265mm LED Emergency Guidance Armature with Chain Mounting***



ALUMINUM BODY

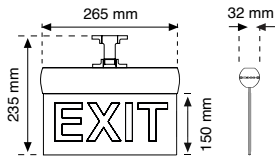
- 48 hour charging
- Engraving options
- Minimum 3 hour emergency lighting duration

- 48 hour charging
- Engraving options
- Minimum 3 hour emergency lighting duration
- Aluminum body

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	1x(1.2V 1000mAh AA Ni-Cd)	-20°C ~ +40°C	IP 20 II Class
	Maintained				



19120-265mm / 19140-265mm LED Emergency Guidance Armature with Mounting Apparatus***



ALUMINUM BODY

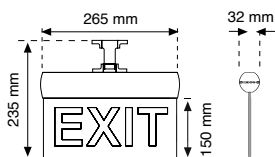
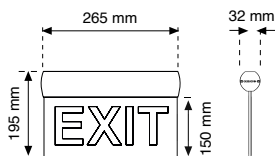
- 48 hour charging
- Engraving options
- Screen printing and label printing options
- Minimum 3 hour emergency lighting duration

- 48 hour charging
- Engraving options
- Minimum 3 hour emergency lighting duration
- Aluminum body

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	1x(1.2V 1000mAh AA Ni-Cd)	-20°C ~ +40°C	IP 20 II Class
	Maintained				



18150-70-265mm (Chain-mounting) / 18160-80-265mm (with Mounting Apparatus)



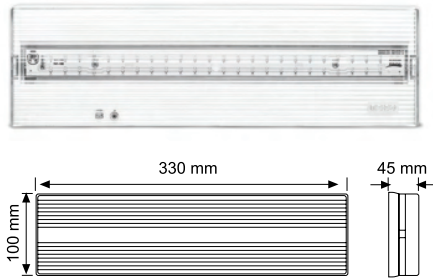
- 48 hour charging
- Engraving and screen printing
- Minimum 3 hour emergency lighting duration
- Aluminum body option available

- 48 hour charging
- Engraving and screen printing
- Minimum 3 hour emergency lighting duration
- Aluminum body option available

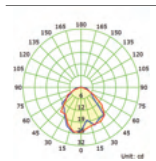
Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
85-230V~ 50/60Hz	M	3 Hours	1x(1.2V 1000mAh AA Ni-Cd)	-20°C ~ +40°C	IP 20 II Class
	Maintained				

Emergency Lighting & Guidance Armatures

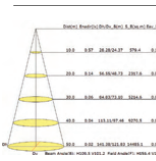
20024-48 Emergency Lighting Armature · Non-maintained***



Luminous Intensity Distribution



Curve Illuminance at a Distance

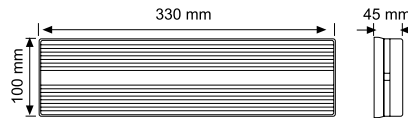


Vertical IsoLux Plot



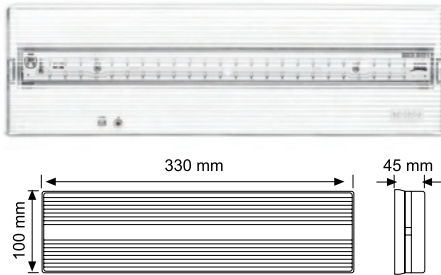
Operating Voltage	Working Mode
230-240V - 50/60Hz	NM
Luminous Flux	Emergency Lighting
130 lm	2 Hours
Battery Type	Operating Temp.
Li-Ion 1000mAh AA Ni-Cd	-20°C - +40°C
Protection Class	IP
II Class	20

20024-48-N** Emergency Lighting Armature · Non-maintained · with Sticker***

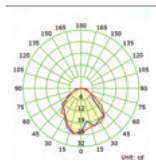


Operating Voltage	Working Mode
230-240V - 50/60Hz	NM
Luminous Flux	Emergency Lighting
130 lm	2 Hours
Battery Type	Operating Temp.
Li-Ion 1000mAh AA Ni-Cd	-20°C - +40°C
Protection Class	IP
II Class	20

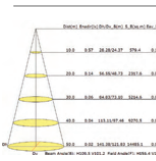
20124-48 Emergency Lighting Armature · Maintained***



Luminous Intensity Distribution



Curve Illuminance at a Distance

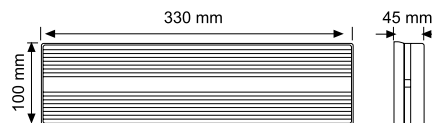


Vertical IsoLux Plot



Operating Voltage	Working Mode
230-240V - 50/60Hz	M
Luminous Flux	Emergency Lighting
130 lm	2 Hours
Battery Type	Operating Temp.
Li-Ion 1000mAh AA Ni-Cd	-20°C - +40°C
Protection Class	IP
II Class	20

20124-48-N** Emergency Lighting Armature · Maintained · with Sticker***



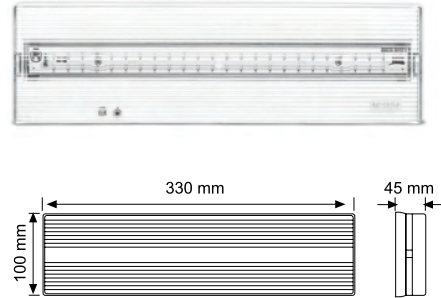
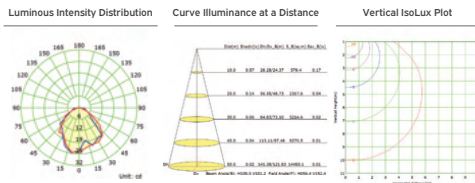
Operating Voltage	Working Mode
230-240V - 50/60Hz	M
Luminous Flux	Emergency Lighting
130 lm	2 Hours
Battery Type	Operating Temp.
Li-Ion 1000mAh AA Ni-Cd	-20°C - +40°C
Protection Class	IP
II Class	20

Emergency Lighting & Guidance Armatures



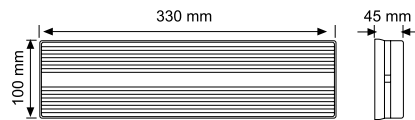
ND20024-36 Emergency Lighting Armature · Non-maintained***

Operating Voltage	Working Mode
230-240V - 50/60Hz	NM
Luminous Flux	Emergency Lighting
150 lm	3 Hours
Operating Temp.	Protection Class
-20°C ~ +40°C	IP 20
	Battery Type
	II Class
	16/21 1000mAh AA Ni-Cd



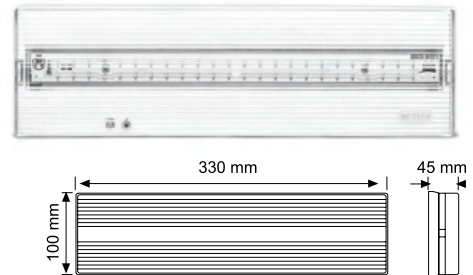
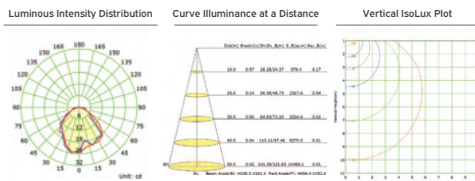
ND20024-36-N** Emergency Lighting Armature · Non-maintained · with Sticker***

Operating Voltage	Working Mode
230-240V - 50/60Hz	NM
Luminous Flux	Emergency Lighting
150 lm	3 Hours
Operating Temp.	Protection Class
-20°C ~ +40°C	IP 20
	Battery Type
	II Class
	16/21 1000mAh AA Ni-Cd



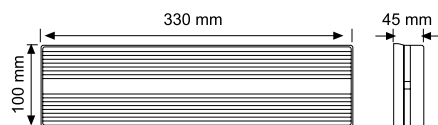
ND20124-36 Emergency Lighting Armature · Maintained***

Operating Voltage	Working Mode
230-240V - 50/60Hz	M
Luminous Flux	Emergency Lighting
150 lm	3 Hours
Operating Temp.	Protection Class
-20°C ~ +40°C	IP 20
	Battery Type
	II Class
	16/21 1000mAh AA Ni-Cd



ND20124-36-N** Emergency Lighting Armature · Maintained · with Sticker***

Operating Voltage	Working Mode
230-240V - 50/60Hz	M
Luminous Flux	Emergency Lighting
150 lm	3 Hours
Operating Temp.	Protection Class
-20°C ~ +40°C	IP 20
	Battery Type
	II Class
	16/21 1000mAh AA Ni-Cd





21000 / 21100 Emergency Lighting Module - Non-maintained



- 48 hour charging
- Aluminum body
- Minimum 3 hour emergency lighting duration
- Easy surface and flush-mounted installation options
- Test button feature
- External LED driver

Flush-mounted installation
cut-out diameter

Outer Diameter: 80mm
Hole Diameter: 70mm

Surface-mounted installation
Outer Diameter: 156mm

Operating Voltage	Working Mode	Emergency Lighting	Battery Type	Operating Temp.	Protection Class	Cutout Diameter
230-240V~50/60Hz	NM Non-maintained	3 Hours	3.6V 1800 mAh	-20°C ~ +40°C	IP 20 II Class	Ø70 mm



22000 Emergency Lighting Armature (Outdoor) - Maintained

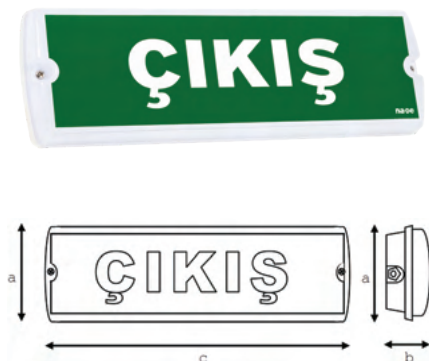


- Polycarbonate body
- Minimum 3 hour emergency lighting duration
- Dimensions (mm): a = 215, b = 110, c = 345
- Water resistance with IP65 protection
- Luminous flux: 280 lumens
- Emergency luminous flux: 140 lumens

Operating Voltage	Working Mode	Luminous Flux	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
220-230V~50/60Hz	M Maintained	280 lm	3 Hours	3.6V 1800 mAh	-20°C ~ +40°C	IP 65 II Class



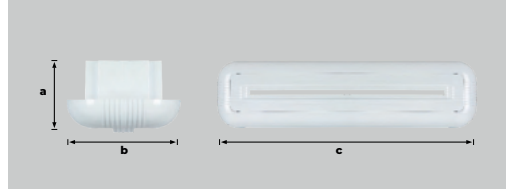
22100 Emergency Lighting Armature (Outdoor) - Maintained



- Polycarbonate body
- Minimum 3 hour emergency lighting duration
- Dimensions (mm): a = 110, b = 60, c = 345
- Water resistance with IP65 protection
- Luminous flux: 280 lumens
- Emergency luminous flux: 140 lumens

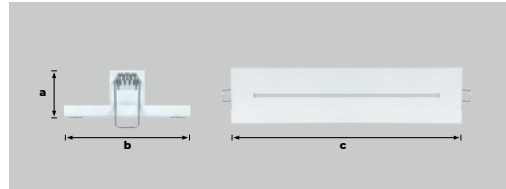
Operating Voltage	Working Mode	Luminous Flux	Emergency Lighting	Battery Type	Operating Temp.	Protection Class
220-230V~50/60Hz	M Maintained	280 lm	3 Hours	3.6V 1800 mAh	-20°C ~ +40°C	IP 65 II Class

17000 Flush-mounted Apparatus for Emergency Guidance Armature (Plastic)



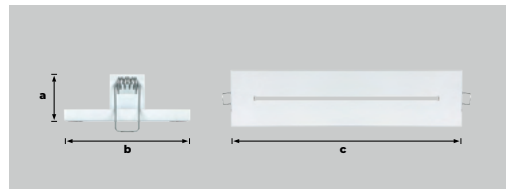
- Cut-out size: 346 x 40 mm
- 265 mm flush-mounting apparatus
- a: 62mm
- b: 93mm
- c: 360mm

17001 Flush-mounted Apparatus 265mm for Emergency Guidance Armature (Metal)



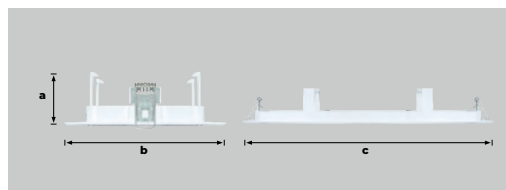
- Cut-out size: 282x70 mm
- 265 mm flush-mounting apparatus
- a: 32mm
- b: 83mm
- c: 330mm

17002 Flush-mounted Apparatus 305mm for Emergency Guidance Armature (Metal)

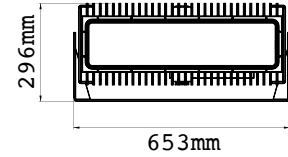


- Cut-out size: 350x70 mm
- 305 mm flush-mounting apparatus
- a: 37mm
- b: 83mm
- c: 368mm

19141 Flush-mounting Apparatus (Plastic) for Emergency Guidance Armature 20024 or 20124



- Cut-out size: 355x120 mm
- Flush-mounting apparatus
- a: 52mm
- b: 141mm
- c: 369mm

FLOODLIGHTS IP67
Flood Light**INDULINA**

FLOODLIGHT	INDULINA 400	INDULINA 500	INDULINA 600	INDULINA 1200	INDULINA 1800	INDULINA 2400
DATA SHEET						
POWER CONSUMPTION	400W	500W	600W	1200W	1800W	2400W
INPUT VOLTAGE	220 - 240 V AC					
POWER FACTOR	>0.95					
COLOR RANGE	3000K-6500 K					
BEAM ANGLE (WITH LENS)	120°, 60°, 25°					
OPERATING TEMPERATURE	- 40° / +35° C					
SOURCE LIFE (hours)	50 000 hours @LM70					
HOUSING	Aluminum Body					
IP (INGRESS PROTECTION)	IP67					
LUMINOUS FLUX	48000 lm	60000 lm	72000 lm	144000 lm	216000	288000
DIMENSIONS (mm)	296x653	296x653	296x653	607x656	913x660	1224x670



SURFACE-MOUNTED



MICRA GEN3

FLOODLIGHTS IP66

Flood Light



MICRA GEN3 is an outdoor LED fixture with different angle options with 50% lower power consumption.

- Different angle options
- Different body color options
- Different fitting options
- Different light color options
- No UV, mercury and lead free
- Custom design option for project



ARCHITECTURAL LIGHTING



FLOOD LIGHTING



ENDUSTRIAL LIGHTING



	MICRA GEN3 100	MICRA GEN3 150	MICRA GEN3 200	MICRA GEN3 250	MICRA GEN3 300
DATA SHEET					
POWER CONSUMPTION	100W	150W	200W	250W	300W
INPUT VOLTAGE			220 - 230 V AC		
POWER FACTOR			>0.9		
COLOR RANGE			2700 K-7000 K		
BEAM ANGLE (WITH LENS)			30°, 60°, 90° & Asimetrik Opsiyon		
OPERATING TEMPERATURE			- 10° / +40° C		
SOURCE LIFE (hours)			50 000 hours @LM70		
HOUSING			Aluminum		
IP (INGRESS PROTECTION)			IP65		
LUMINOUS FLUX	15300 lm	18200 lm	28000 lm	32000 lm	38700 lm
DIMENSIONS	L: 307 W: 285 H: 52		L: 417 W: 402 H: 63		

FLOODLIGHTS
Flood Light**GRASSIAS**

Different light color options
No UV, mercury and lead free
Custom design option for project



ARCHITECTURAL LIGHTING



FLOOD LIGHTING



INDUSTRIAL LIGHTING

GRASSIAS is an outdoor LED fixture with different angle options with 50% lower power consumption.

	GRASSIAS 30	GRASSIAS 50	GRASSIAS 100	GRASSIAS 150	GRASSIAS 200
DATA SHEET					
POWER CONSUMPTION	30W	50W	100W	150W	200W
INPUT VOLTAGE			220 - 240 V AC		
POWER FACTOR			>0.9		
COLOR RANGE			3000 K-6500 K		
BEAM ANGLE (WITH LENS)			120°		
OPERATING TEMPERATURE			-10° / +40° C		
SOURCE LIFE (hours)			50 000 hours @LM70		
HOUSING			Aluminum		
IP (INGRESS PROTECTION)			IP66		
LUMINOUS FLUX	2700 lm	4500 lm	9000 lm	13500 lm	18000 lm
DIMENSIONS	150x120x20	212x148x30	267x178x40	317x220x40	343x250x45



SURFACE-MOUNTED



Linatrunk

HIGH CEILING ARMATURE
IP65 Series



Different light color options
No UV, mercury and lead free
Custom design option for project



INDUSTRIAL LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING
(Indoor - Outdoor)



SEOUL SEMICONDUCTOR



LINATRUNK	LINATRUNK 80	LINATRUNK 100	LINATRUNK 120
DATA SHEET			
POWER CONSUMPTION	80W	100W	120W
INPUT VOLTAGE		220 - 240 V AC	
POWER FACTOR		>0.9	
COLOR RANGE		3000 K-6500 K	
BEAM ANGLE (WITH LENS)		30°, 60°, 90° & Asymmetric Option	
OPERATING TEMPERATURE		- 10° / +40° C	
SOURCE LIFE (hours)		50 000 hours @LM70	
HOUSING		Aluminum	
IP (INGRESS PROTECTION)		IP65	
LUMINOUS FLUX	10000 lm	11300 lm	13500 lm
DIMENSIONS		123.5 x 14.9 x 7 (cm)	

WALLWASHER ARMATURE

Wallwasher

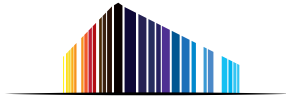


Wallwasher is slim and stylish LED indoor lighting fixture that is designed to be used in architectural lighting.

Different Length Options
Different Body Color Options
Different Fitting Options
Different Light Color Options
No UV, Mercury and Lead free



Architectural Lighting



Wallwasher (Outdoor)

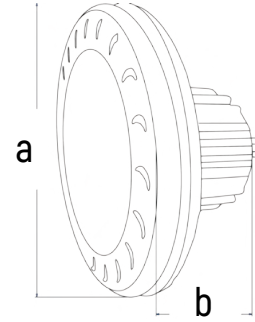


	Power (W)	Color Temperature (K)	Dimensions (mm)	Quantity in carton
T990121400300	3 W	4000K	120x55x120	1
T990201400600	6 W	4000K	120x55x200	1
T990301400900	9 W	4000K	120x55x300	1
T990351401200	12 W	4000K	120x55x350	1
T990501401800	18 W	4000K	120x55x500	1
T990671402400	24 W	4000K	120x55x670	1
T991001403600	36 W	4000K	120x55x1000	1
T991201453600	45 W	4000K	120x55x1200	1
T991501543600	54 W	4000K	120x55x1500	1

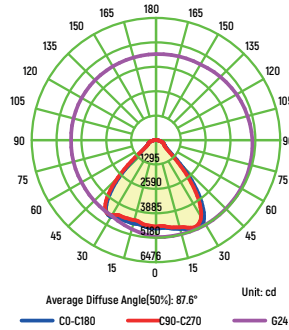


Highbay

HIGH CEILING ARMATURE



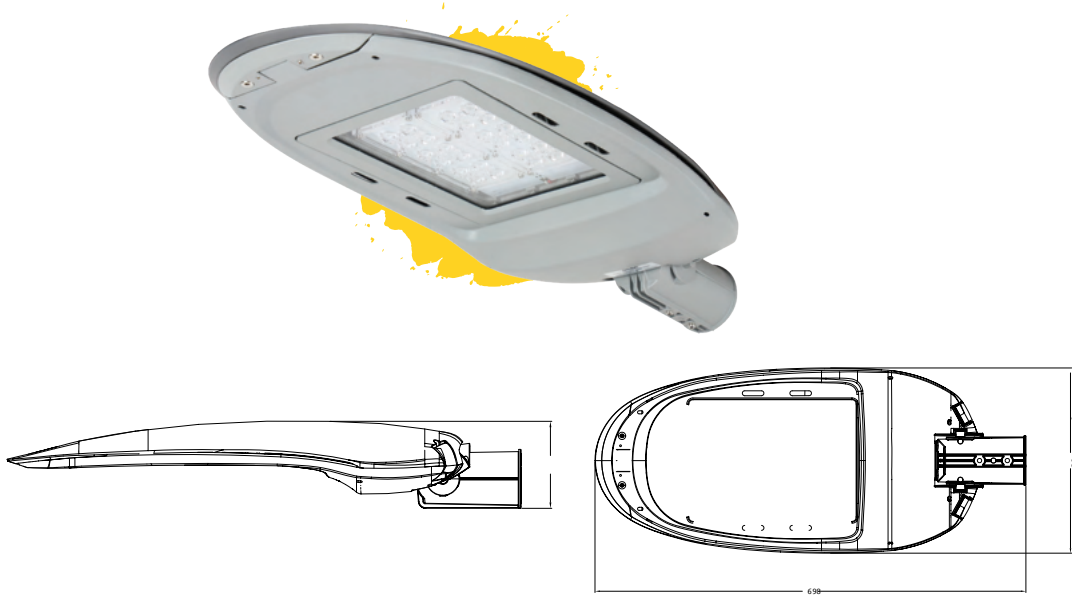
Light Intensity Distribution Curve



Power	Light Flux	Color Temperature	Efficiency	Dimensions	Quantity in carton
(W)	(lm)	(K)	(lm/W)	(mm) a b	
100	11000	3000	110	280*121	1
100	11000	4000	110	280*121	1
100	11000	6500	110	280*121	1
150	20250	3000	135	320*121	1
150	20250	4000	135	320*121	1
150	20250	6500	135	320*121	1
200	27000	3000	135	360*121	1
200	27000	4000	135	360*121	1
200	27000	6500	135	360*121	1

STREET LIGHTING
M13 Series

LS021-LS022



LS series is outdoor LED fixture that is designed to be used highway, parking and street lighting.

Different power options
Different light color options
Different Body Colour color options
Different lamppost options
Dimming (OPT)
Custom design option for project

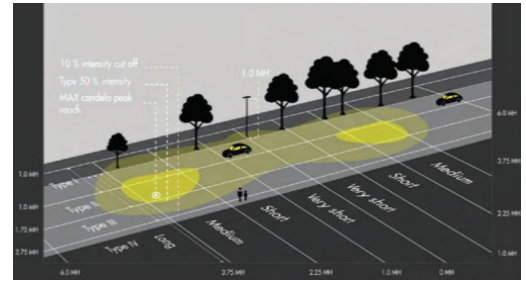
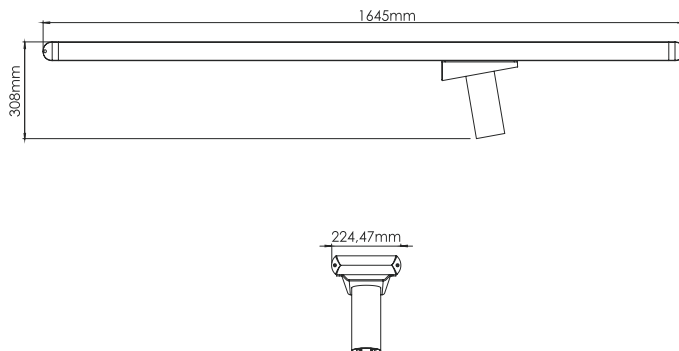
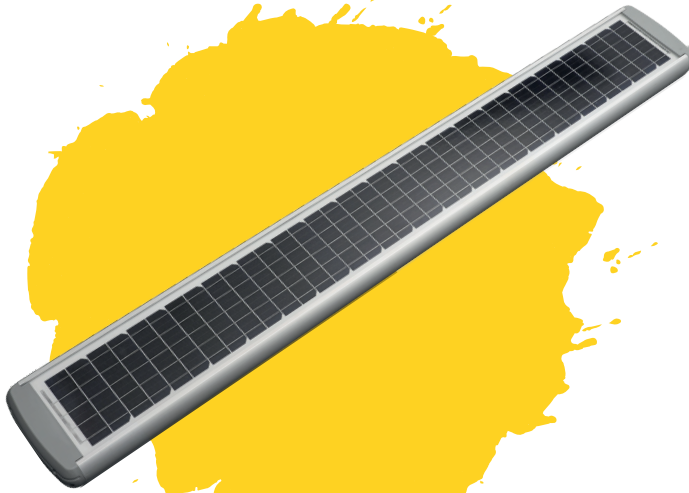


DATA SHEET	LS021 130W	LS021 150W	LS022 60W	LS022 80W
LED Configuration	48		24	
POWER CONSUMPTION	130W	150W	60W	80W
LUMINOUS FLUX	14300 lm	16500 lm	6600 lm	8800 lm
WEIGHT	9.8 Kg		6.3 Kg	
DIMENSIONS	365x858x133 mm		300x698x118 mm	
DIAMETER	40-60 mm			
POLE HEIGHT	6-15 m			
FREQUENCY	50-60 Hz			
INPUT VOLTAGE	90 - 265 V AC			
COLOR RANGE	3000 K-4000 K-5000 K			
BEAM ANGLE	Asymmetric			
OPERATING TEMPERATURE	- 20° / +60° C			
SOURCE LIFE (hours)	50 000 @LM70			
HOUSING	Aluminum Body			
IP (INGRESS PROTECTION)	IP66			
DIMMING	Non-dimmable			



Savlight Solar Lighting

SAVLIGHT SOLAR LIGHTING



APPLICATION AREAS

Parks
Bicycle Paths
Children's Playgrounds
Walking Paths
Emergency Gathering Areas
Parking Lots
Roadways, Bus Stops
Factory Areas
Mines
University Campuses
Office Complexes

ADVANTAGES

Lightweight
Minimum Wind Load
Zero Carbon Emission
Easy Installation
No Excavation/Cabling Required
Maintenance-free
Replaceable Battery and Panel Capacity
UV Protection and IP67 Polycarbonate (PC) / PMMA Lens
IP65 Protection Rating
Remote Control
RF Gateway and Wireless Control (Optional)

CE EMC LVD

SYSTEM COMPONENTS	FEATURES	MODELS																
		SavLight-40		SavLight-50		SavLight-60		SavLight-80		SavLight-90		SavLight-100		SavLight-120		SavLight-150		
ARMATURE	Maximum Light Output (Lumen)	3.900		5.600		6.700		8.000		9.000		10.600		11.500		15.500		
	Color Temperature	4000K High Efficiency (3000K-6000K)																
	LED Model	Power LED, 5050, SEOUL/CREE/SAMSUNG LM80																
	LED Efficiency	160 lumen/watt [Max 223 lumen/watt]																
	Lens Efficiency	94%																
	Average Light Level	10-15 lux																
	Recommended Pole Height	3-4 m		4-6 m		6-7 m		7-8 m		8-9 m		9-10 m		10-11 m		11-12 m		
SOLAR PANEL	Area Lighting Class	IESNA Type 2-3-4																
	Solar Panel Power	51W		51W		64W		115W		115W		128W		128W		128W		
	Solar Panel Type	Half-cut, Monoperc, 5-bus bar																
	Solar Cell Efficiency	22%																
	Solar Panel Lifespan	25 years																
BATTERY	BATTERY Battery Type	LiFePO4																
	Battery Capacity	230Wh		307Wh		384Wh		460Wh		537Wh		614Wh		614Wh		614Wh		
	Battery Lifespan	3000 cycles at 25°C & 90% DOD, 8-10 years																
CHARGER (MPPT)	Luminaire Control	MPPT control; Smart / Timer / Motion Sensor (Optional grid-tied hybrid)																
	Charging Time	5-6 h																
	Constant Light	11 hours		10 hours		10 hours		10 hours		11 hours		9 hours		9 hours		7 hours		
	100% Performance (%90 DOD)	100%	4 hours	100%	4 hours	100%	4 hours	100%	4 hours	100%	4 hours	100%	4 hours	100%	4 hours	100%	4 hours	
		Motion Sensor or Dimming (90% DOD)	50%	4 hours	50%	4 hours	50%	4 hours	50%	4 hours	50%	4 hours	50%	4 hours	50%	4 hours	50%	4 hours
			30%	18 hours	30%	18 hours	30%	16 hours	30%	16 hours	30%	16 hours	30%	8 hours	30%	8 hours	30%	4 hours
MAIN HOUSING	Total 26 h	Total 26 h		Total 24 h		Total 24 h		Total 24 h		Total 24 h		Total 16 h		Total 16 h		Total 12 h		
	Body & Battery Box	Aluminum Anodized Coating																
	Dimensions	1645 mm				2020 mm												



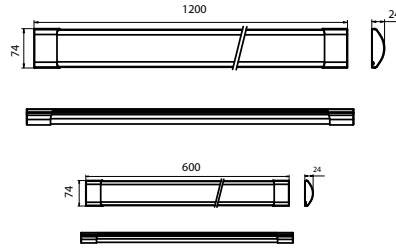
SURFACE-MOUNTED



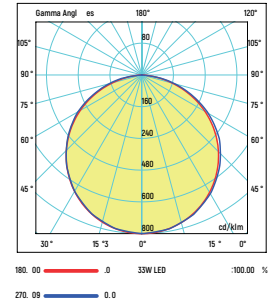
STRIP LIGHT



Aluminum body
IP 40



Light intensity distribution curve



Power	Light Flux	Colour Temp.	Efficiency	Dimensions	Pcs/Pack
(W)	(lm)	(K)	(lm/W)	(mm) a b c	
18	1458	3000	80	600*74*24	60
18	1458	4000	80	600*74*24	60
18	1458	6500	80	600*74*24	60
36	2916	3000	80	1200*74*24	30
36	2916	4000	80	1200*74*24	30
36	2916	6500	80	1200*74*24	30



SURFACE-MOUNTED

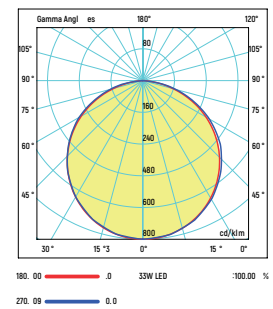


Chara Ralina Armature



Aluminum body
IP 20

Light intensity distribution curve



KOD	M806010401600	M806010401601	M806010401602	M806010401604
Power (W):	10W			
Input Voltage:	220-230V - 50-60 Hz.			
Power Factor:	PF >0.90			
Light Flux:	1000lm			
Led:	SMD(SEOUL)			

LED ETANGE ARMATURE

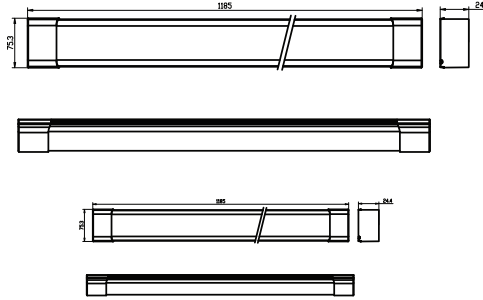
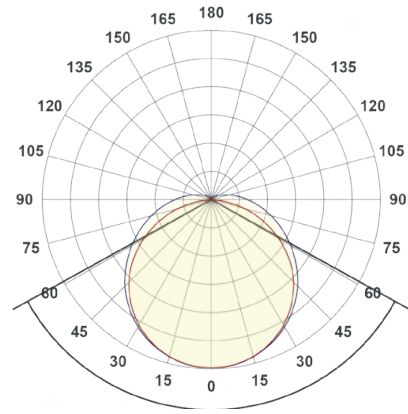


SURFACE-MOUNTED

PMMA LGP



Luminous Intensity Distribution Curve



ETANGE SERIES	Power	Luminous Flux	Colour Temp.	Luminous Effic.	Dimensions	Pcs/Pack
	(W)	(lm)	(K)	(lm/W)	(mm) a b c	
	18	1728	3000	96	600*65*48	30
	18	1728	4000	96	600*65*48	30
	18	1728	6500	96	600*65*48	30
	36	3456	3000	96	1200*65*48	15
	36	3456	4000	96	1200*65*48	15
	36	3456	6500	96	1200*65*48	15

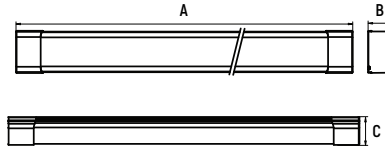
IND

LED ETANGE ARMATURE

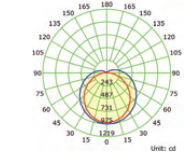
■ PMMA LGP



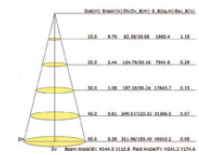
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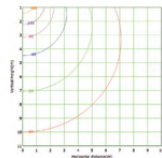
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M290601402000	220	20W	2160	-	4000K	65	Available	630	80	75	GRAY
M291201404000-10	220	36W	3888	-	4000K	65	Available	1222	80	75	GRAY



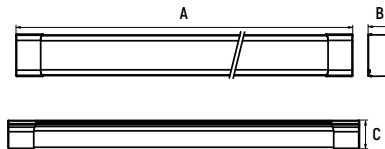
IND with Emergency Kit

LED ETANGE ARMATURE

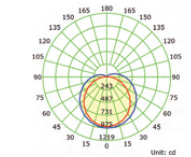
■ PMMA LGP



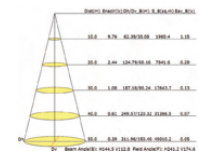
SURFACE-MOUNTED



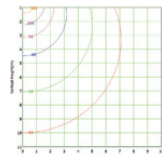
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M290601402001	220	20W	2160	3H	4000K	65	Available	630	80	75	GRAY
M291201404000-11	220	36W	3888	3H	4000K	65	Available	1222	80	75	GRAY



LED ETANGE ARMATURE

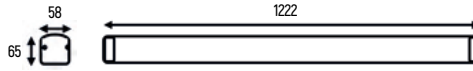
IND S (120cm)



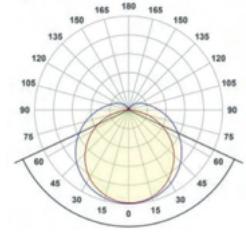
SURFACE-MOUNTED



PMMA LGP



Light Intensity Distribution Curve



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M291201404000-60	220	36	3888		4000K	65	Available	1222	65	58	GRI
M291201404000-61	220	36	3888	3H	4000K	65	Available	1222	65	58	GRI



LED ETANGE ARMATURE

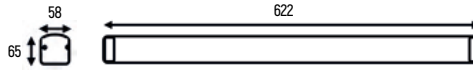
IND S (60cm)



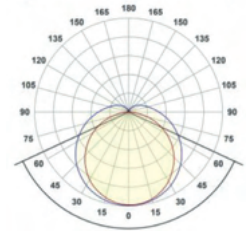
SURFACE-MOUNTED



PMMA LGP



Light Intensity Distribution Curve



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M290601402000-60	220	20	2160		4000K	65	Available	622	65	58	GRI
M290601402000-61	220	20	2160	3H	4000K	65	Available	622	65	58	GRI

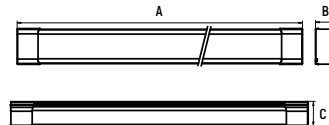
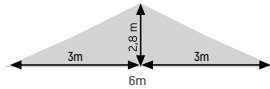


IND with Corridor Function

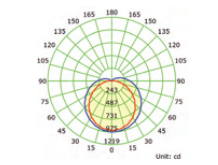
LED ETANGE ARMATURE



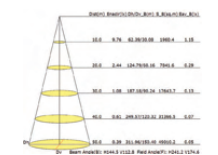
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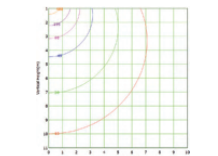
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot

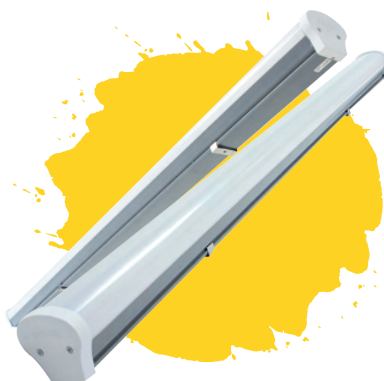


CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M291201404098	220	36	3888		4000K	65	Available	1200	80	75	GRAY
M291201404099	220	36	3888	3H	4000K	65	Available	1200	80	75	GRAY
M291201654098	220	36	3888		6500K	65	Available	1200	80	75	GRAY
M291201654099	220	36	3888	3H	6500K	65	Available	1200	80	75	GRAY

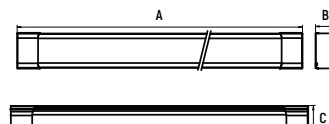
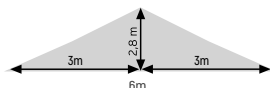


IND with Radar Sensor

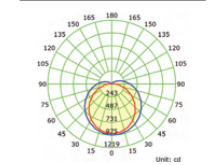
LED ETANGE ARMATURE



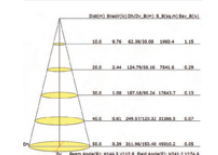
PMMA LGP



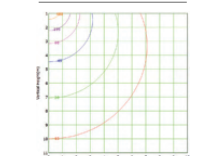
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M291201404040	220	36	3600		4000K	65	Available	1200	80	75	GRAY
M291201404041	220	36	3600	3H	4000K	65	Available	1200	80	75	GRAY
M291201654040	220	36	3600		6500K	65	Available	1200	80	75	GRAY
M291201654041	220	36	3600	3H	6500K	65	Available	1200	80	75	GRAY



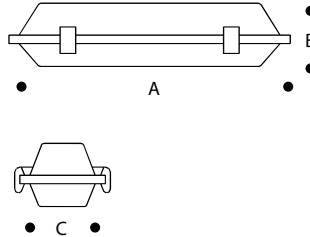
SITULA with EMERGENCY KIT

INDUSTRIAL ARMATURES

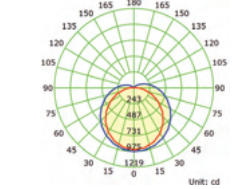


SURFACE-MOUNTED

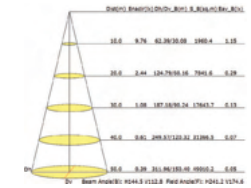
PMMA LGP



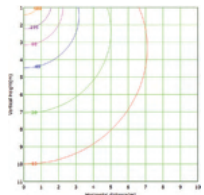
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Efficacy	A (mm)	B (mm)	C (mm)	Body Color
M331201304001	220	40W	4000	3 Hours	3000K	65	100	1274	90	90	GRAY
M331201404001	220	40W	4000	3 Hours	4000K	65	100	1274	90	90	GRAY
M331201654001	220	40W	4000	3 Hours	6500K	65	100	1274	90	90	GRAY



220 V
50Hz

IP65

50.000h

CRI 80

POLYCARBONATE
BODY



TS EN 60598-2-22
TS EN 60598-2-1

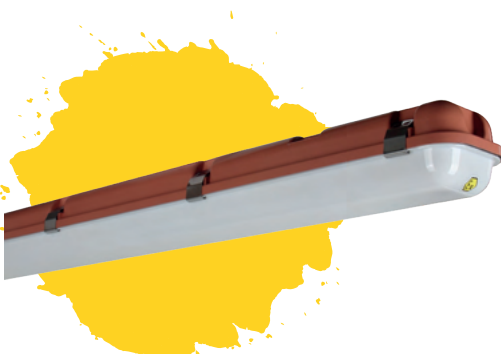


EXPROOF

INDUSTRIAL ARMATURES

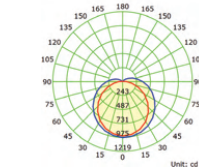


SURFACE-MOUNTED

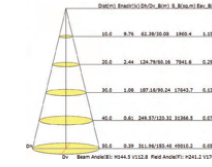


ZONE 2

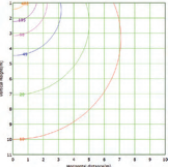
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Power (W)	Light Flux (lm)	Color Temperature	IP	Emerg. Lighting	A (mm)	B (mm)	C (mm)
T9910000498	40	4000	4000K	65	—	1270	95	125
T9910000499	40	4000	4000K	65	Available	1270	95	125
T9910000496	40	4000	6500K	65	—	1270	95	125
T9910000497	40	4000	6500K	65	Available	1270	95	125



220 V
50Hz

IP65

50.000h

CRI 80

POLYCARBONATE
BODY

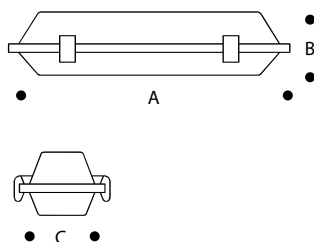


TS EN 60598-2-22
TS EN 60598-2-1



SITULA ETANGE ARMATURE

Section	Radius (R)	Height (H)
1	0.76	62.263208
2	1.15	11.0
3	2.44	124.78316
4	0.29	38.0
5	1.08	187.163624
6	0.13	30.0
7	0.01	269.3112332
8	0.07	46.0
9	0.39	331.9613510
10	0.08	50.0
Base (Dn)	Rn	Hn

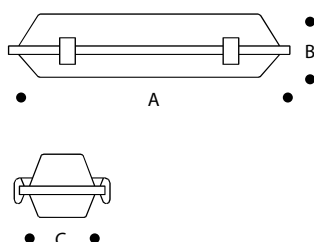


CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Power Unit	A (mm)	B (mm)	C (mm)	Body Color
M331201304000	220	40	4000	-	3000K	65	Available	1274	90	90	GRAY
M331201404000	220	40	4000	-	4000K	65	Available	1274	90	90	GRAY
M331201654000	220	40	4000	-	6500K	65	Available	1274	90	90	GRAY

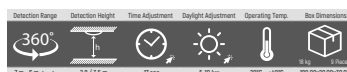


SITULA ETANGE ARMATURE with HF SENSOR

h	Start(h)	End(h)	D(h)	R(h)	A(h)	E(h)
0.0	0.00	0.00	0.00	0.00	0.00	0.00
10.0	9.78	62.3630	1000.0	0.13		
20.0	2.04	124.7830	1000.0	0.29		
30.0	1.08	187.1630	1000.0	0.43		
40.0	0.61	249.5430	1000.0	0.57		
50.0	0.29	311.9630	1000.0	0.68		
50.0	Start(Angle): 0.0000	End(Angle): 0.0000	Start(Angle): 0.0000	End(Angle): 0.0000		



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Efficacy	A (mm)	B (mm)	C (mm)	Body Color
M331201304040	220	40	4000	-	3000K	65	100	1274	90	90	GRAY
M331201404040	220	40	4000	-	4000K	65	100	1274	90	90	GRAY
M331201654040	220	40	4000	-	6500K	65	100	1274	90	90	GRAY



SITULA with HF SENSOR & EMERGENCY KIT

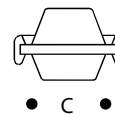
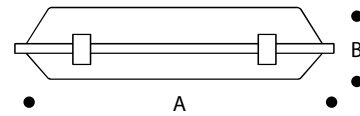
INDUSTRIAL ARMATURES



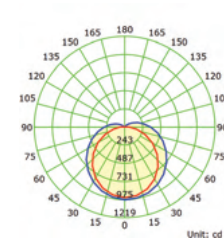
SURFACE-MOUNTED



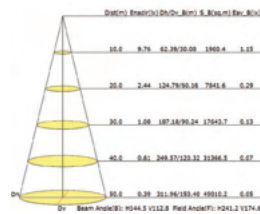
PMMA LGP



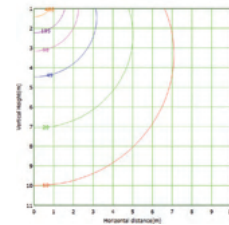
Luminous Intensity Distribution



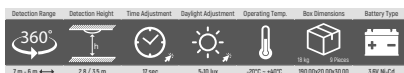
Curve Illuminance at a Distance



Vertical IsoLux Plot



CODE	Voltage (V)	Power (W)	Light Flux (lm)	Emerg. Lighting	Color Temperature	IP	Efficacy	A (mm)	B (mm)	C (mm)	Body Color
M331201304041	220	40W	4000	3 Hours	3000K	65	100	1274	90	90	GRAY
M331201404041	220	40W	4000	3 Hours	4000K	65	100	1274	90	90	GRAY
M331201654041	220	40W	4000	3 Hours	6500K	65	100	1274	90	90	GRAY



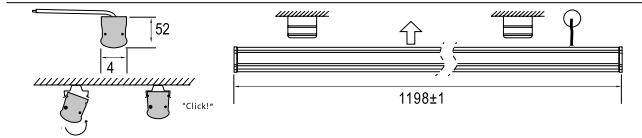
TS EN 60598-2-22
TS EN 60598-2-1
CE



SURFACE-MOUNTED



MEISSA-F7 ETANGE ARMATURE M28 SERIES



Meissa F7 is LED linear fixture that is designed for interior lighting

- Low power consumption
- High efficiency
- High brightness
- Different light color options
- No UV, mercury and lead free
- Different mounting options
- Homogeneous lighting in all LED options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING
(Indoor - Outdoor)

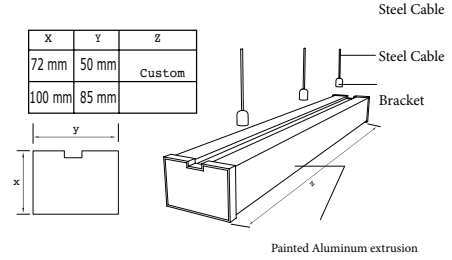


SEOUL SEMICONDUCTOR



	MEISSA -F7 (60 cm)	MEISSA -F7 (120 cm)
DATA SHEET		
LED Configuration	58	116
POWER CONSUMPTION	20 W	40 W
LUMINOUS FLUX Natural White	2000 lm	4000 lm
WEIGHT	640 g	1350 Kg
DIMENSIONS	600x45x55mm	1200x45x55 mm
INPUT VOLTAGE	180-265 V AC	
COLOR RANGE	2700K - 6500K	
BEAM ANGLE	120°	
SOURCE LIFE (hours)	-10° / +50° C	
SOURCE LIFE	50 000 hours @LM70	
HOUSING	Aluminum	
CRI	>80	
IP [INGRESS PROTECTION]	IP20 - IP65	
DIMMING	Dimmable (optional)	

LIARA LINEER Pendant Luminaire



Liara linear is LED track light fixture that is designed different sizes and light color options with high quality lighting.

Different size options
 Different light color options
 Different powder colors
 High efficiency
 No UV, mercury and lead free
 Homogeneous lighting in all LED options
 Surface - Mounted and pendant mounting options
 Case color options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING
(Indoor - Outdoor)



SEOUL SEMICONDUCTOR

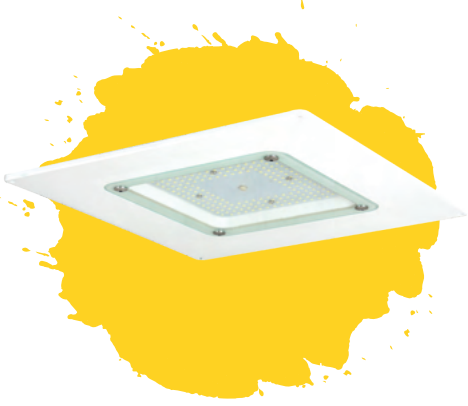


DATA SHEET	LIARA LINEER
LED Configuration	128 LED/m
POWER CONSUMPTION	40W/m
LUMINOUS FLUX	2880 lm/m
LED EFFICIENCY	72 Lm/W
WEIGHT	4 Kg
DIMENSIONS	1250x72x50xmm
INPUT VOLTAGE	220-230 VAC
COLOR RANGE	2700K - 7000K
BEAM ANGLE	120°
OPERATING TEMPERATURE	-20° / +40° C
SOURCE LIFE	50 000 hours @LM70
HOUSING	Aluminum
IP (INGRESS PROTECTION)	IP20
CRI	>80
DIMMING	Dimmable (optional)

Mira 3 Floodlight

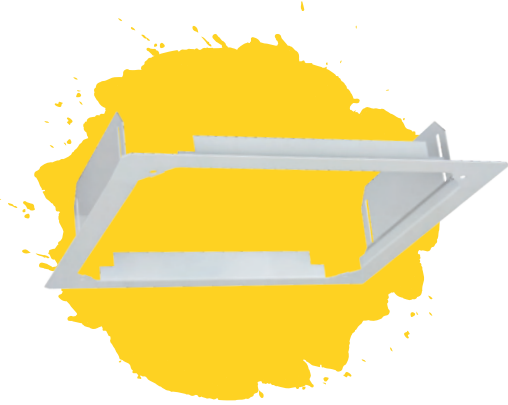


FLUSH-MOUNTED



CODE	Power (W)	Light Flux	Color Temperature	Dimensions	Cutout	Mounting Type
M100856531100	85W	12070 lm	6500K	400x400 mm	340x340 mm	Flush-mounted

MİRA 3 Inner Set



- Mira 3 Inner set 40x40 cm

MİRA 3 Tonoz



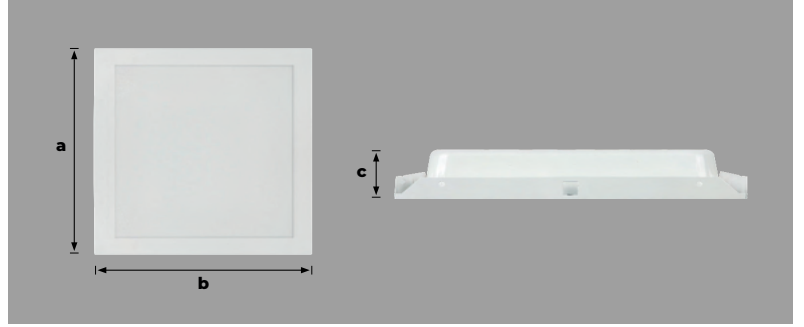
SURFACE-MOUNTED



CODE	Power (W)	Light Flux	Color Temperature	Dimensions	Cutout	Mounting Type
M990756520000	75W	9750 lm	6500K	530x600	-	Surface-mounted

ASTERION (Clip-in)

*Product specifically used in domestic projects

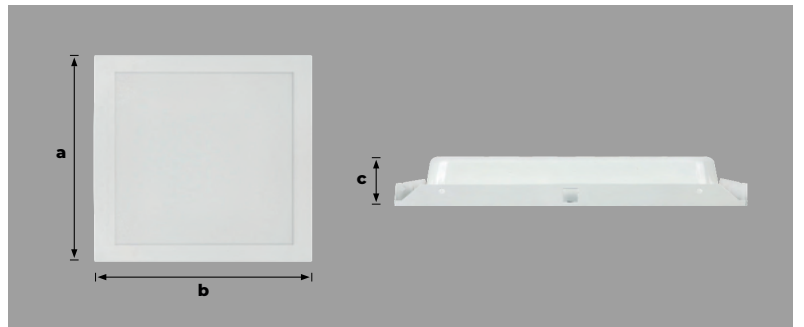


CE | LM-80

CODE	Mounting Type	Power (W)	Light Flux (lm)	Color Temperature (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124060	Clip-in	12W	1520 lm	4000K	300x300x65	275x275 mm	10
M6060364060	Clip-in	30W	3300 lm	4000K	600x600x65	588x588 mm	6

ASTERION (Clip-in)

*Product specifically used in domestic projects



CE | LM-80

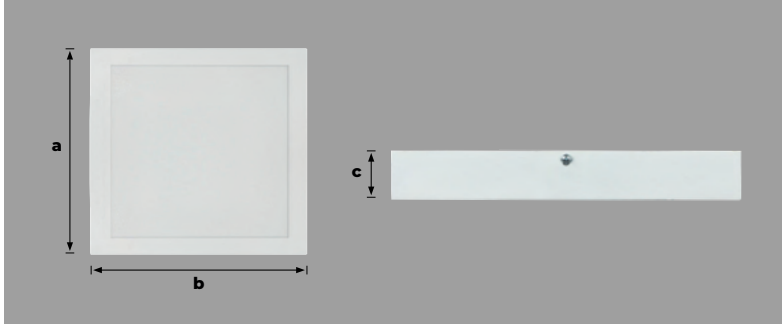
CODE	Mounting Type	Power (W)	Light Flux (lm)	Emerg. Lighting (lm)	Color Temp. (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124061	Clip-in	12W	1520 lm	100 lm	4000K	300x300x65	275x275 mm	10
M6060366561	Clip-in	30W	3300 lm	150 lm	4000K	600x600x65	588x588 mm	6

*Product specifically used in domestic projects

ASTERION (Surface-mounted)



SURFACE-MOUNTED



CE | LM-80



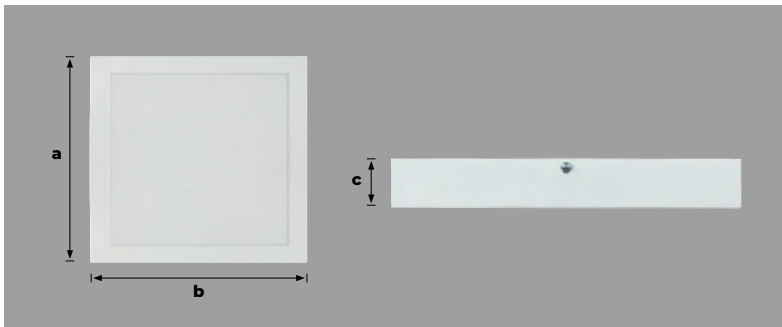
CODE	Mounting Type	Power (W)	Light Flux (lm)	Color Temperature (K)	Dimensions (a x b x c mm)	Cutout (mm)	Pcs/Pack
M3030124070	Surface-mounted	12W	1520 lm	4000K	300x300x65	275x275 mm	10
M6060364070	Surface-mounted	30W	3300 lm	4000K	600x600x65	588x588 mm	6

*Product specifically used in domestic projects

ASTERION (Surface-mounted)



SURFACE-MOUNTED



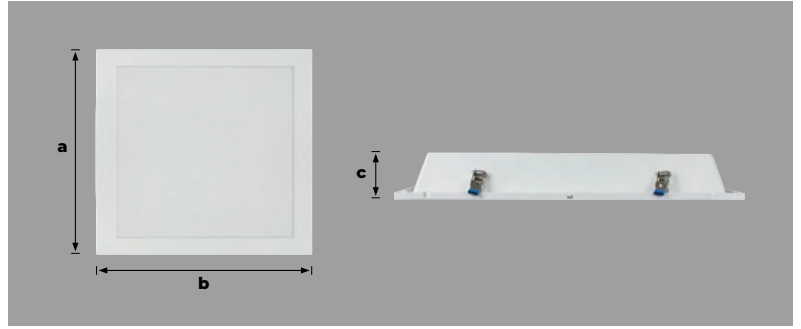
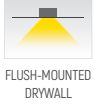
CE | LM-80



CODE	Mounting Type	Power (W)	Light Flux (lm)	Emerg. Lighting (lm)	Color Temp. (K)	Dimensions (a x b x c mm)	Cutout (mm)	Pcs/Pack
M3030124071	Surface-mounted	12W	1520 lm	100 lm	4000K	300x300x65	275x275 mm	10
M6060364071	Surface-mounted	30W	3300 lm	150 lm	4000K	600x600x65	588x588 mm	6

ASTERION (Drywall)

*Product specifically used in domestic projects

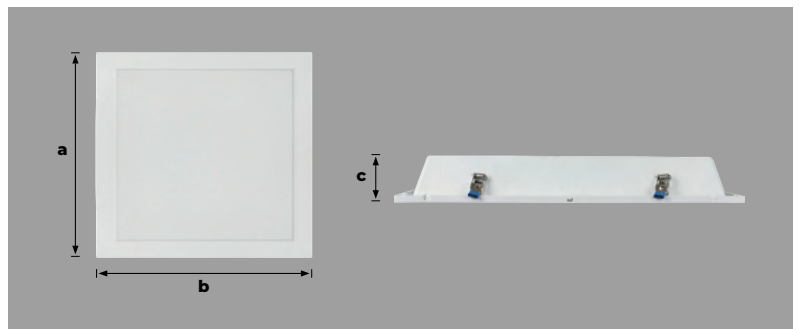
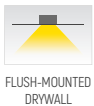


CE | LM-80

CODE	Mounting Type	Power (W)	Light Flux (lm)	Color Temperature (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124080	Drywall	12W	1520 lm	4000K	300x300x65	275x275 mm	10
M6060364080	Drywall	30W	3300 lm	4000K	600x600x65	588x588 mm	6

ASTERION (Drywall)

*Product specifically used in domestic projects

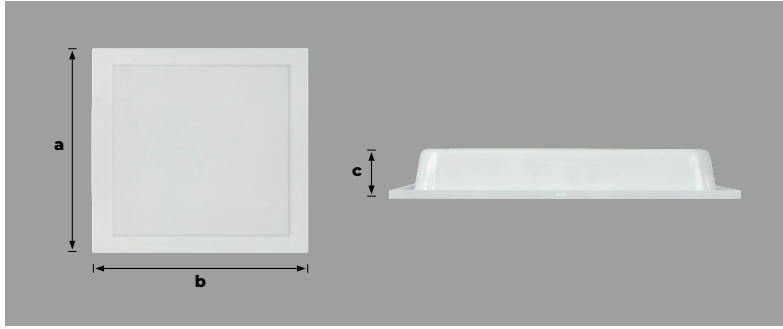


CE | LM-80

CODE	Mounting Type	Power (W)	Light Flux (lm)	Emerg. Lighting (lm)	Color Temp. (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124081	Drywall	12W	1520 lm	100 lm	4000K	300x300x65	275x275 mm	10
M6060364081	Drywall	30W	3300 lm	150 lm	4000K	600x600x65	588x588 mm	6

*Product specifically used in domestic projects

ASTERION (Flush-mounted)



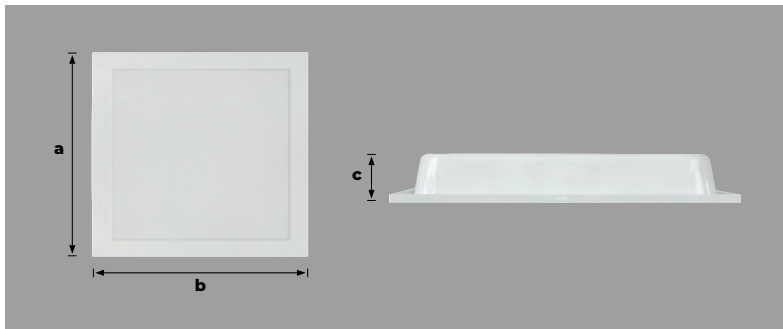
CE | LM-80



CODE	Mounting Type	Power (W)	Light Flux (lm)	Color Temperature (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124090	Flush-mounted	12W	1520 lm	4000K	300x300x65	275x275 mm	10
M6060364090	Flush-mounted	30W	3300 lm	4000K	600x600x65	588x588 mm	6

*Product specifically used in domestic projects

ASTERION (Flush-mounted)

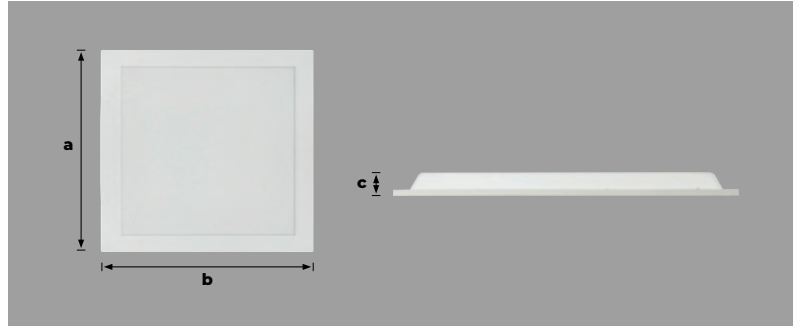
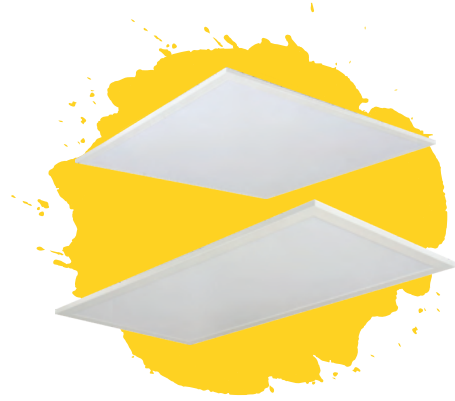


CE | LM-80



CODE	Mounting Type	Power (W)	Light Flux (lm)	Emerg. Lighting (lm)	Color Temp. (K)	Dimensions (axbxc mm)	Cutout (mm)	Pcs/Pack
M3030124091	Flush-mounted	12W	1520 lm	100 lm	4000K	300x300x65	275x275 mm	10
M6060364091	Flush-mounted	30W	3300 lm	150 lm	4000K	600x600x65	588x588 mm	6

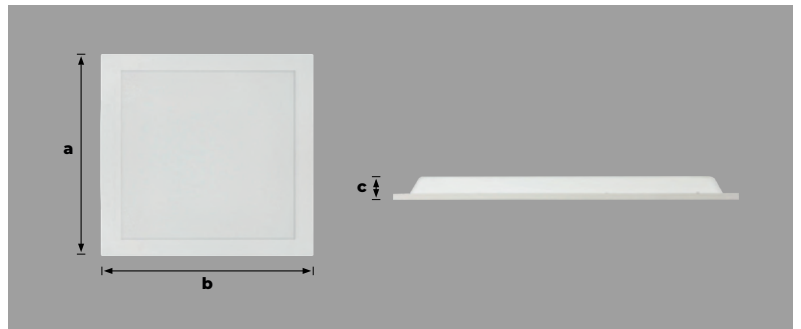
ASTERION (Flush-mounted)



CE | LM-80

CODE	Mounting Type	Power	Light Flux	Color Temperature	Dimensions	Cutout	Pcs/Pack
T3030184000-CL	Flush-mounted	18W	1730 lm	4000K	300x300x35	275x275 mm	15
T3060244000-CL	Flush-mounted	24W	2400 lm	4000K	300x600x35	575x275 mm	10
T6060364000-CL	Flush-mounted	36W	3456 lm	4000K	600x600x35	588x588 mm	10

ASTERION (Flush-mounted)



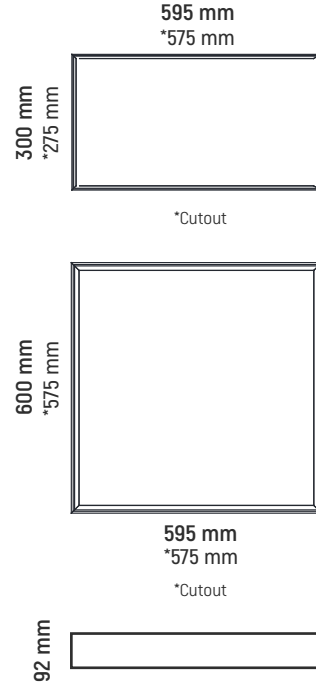
CE | LM-80

CODE	Mounting Type	Power	Light Flux	Emerg. Lighting	Color Temp.	Dimensions	Cutout	Pcs/Pack
M3030184000-07	Flush-mounted	18W	1730 lm	100 lm	4000K	300x300x35	275x275 mm	15
M3060244000-07	Flush-mounted	24W	2400 lm	100 lm	4000K	300x600x35	575x275 mm	10
M6060364000-07	Flush-mounted	36W	3456 lm	150 lm	4000K	600x600x35	588x588 mm	10

Backlight Mounting Apparatus

- 30x30 Backlight Surface-Mounted Frame
- 30x30 Backlight Clip-in Frame
- 30x60 Backlight Surface-Mounted Frame
- 30x60 Backlight Clip-in Frame
- 30x120 Backlight Surface-Mounted Frame
- 30x120 Backlight Clip-in Frame
- 60x60 Backlight Surface-Mounted Frame
- 60x60 Backlight Clip-in Frame

STERILE BACKLIGHT

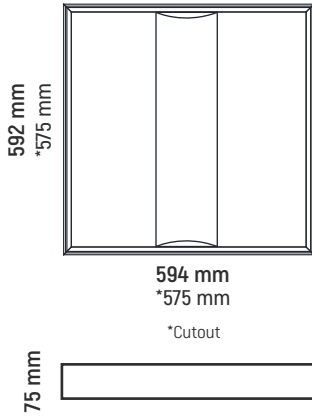


DATA SHEET	STERILE 30x60	STERILE 60x60
POWER CONSUMPTION	20W	36W
INPUT VOLTAGE	220 - 240 V AC	
POWER FACTOR	>0.95	
COLOR RANGE	3000K-6500 K	
OPERATING TEMPERATURE	-10° / +25° C	
SOURCE LIFE (hours)	50 000 hours @LM70	
HOUSING	DKP SHEETT	
IP (INGRESS PROTECTION)	IP65	
LUMINOUS FLUX	2000 lm	3816 lm
DIMENSIONS	300x595x92	595x595x92

BACKLIGHT INDIRECT



FLUSH-MOUNTED



DATA SHEET

INDIRECT 60x60

POWER CONSUMPTION	50W
INPUT VOLTAGE	220 - 240 V AC
POWER FACTOR	>0.95
COLOR RANGE	3000K-6500 K
OPERATING TEMPERATURE	-10° / +25° C
SOURCE LIFE (hours)	50 000 hours @LM70
HOUSING	DKP SHEET
IP (INGRESS PROTECTION)	IP20
LUMINOUS FLUX	4000 lm
DIMENSIONS	592x594x75

LIGHTING ARMATURE



LIGHTING ARMATURE



LIGHTING ARMATURE



LIGHTING ARMATURE



TA 10220

- A=300 mm
- B=100 mm



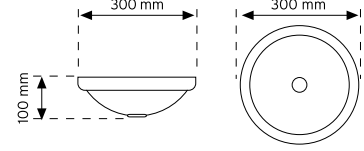
SURFACE-MOUNTED



2xE27 SOCKET



TA 10220



230-240V
50/60Hz

IP44
ASSEMBLED

COLD ROLLED
SHEET METAL
BODY



TS EN 60598-2-1
CE

TA 10220 CHROME

- A=300 mm
- B=100 mm



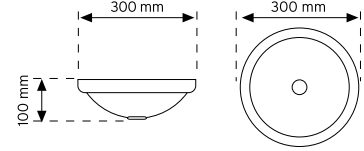
SURFACE-MOUNTED



2xE27 SOCKET



TA 10220



230-240V
50/60Hz

IP44
ASSEMBLED

COLD ROLLED
SHEET METAL
BODY



TS EN 60598-2-1
CE

TA 10430

- A=370 mm
- B=120 mm



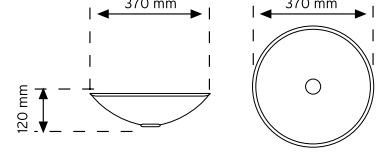
SURFACE-MOUNTED



2xE27 SOCKET



TA 10430



230-240V
50/60Hz

IP44
ASSEMBLED

COLD ROLLED
SHEET METAL
BODY



TS EN 60598-2-1
CE

TA 10430 CHROME

- A=370 mm
- B=120 mm



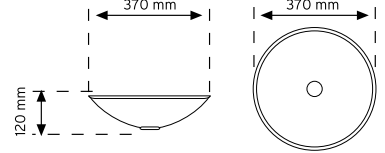
SURFACE-MOUNTED



2xE27 SOCKET



TA 10430



230-240V
50/60Hz

IP44
ASSEMBLED

COLD ROLLED
SHEET METAL
BODY



TS EN 60598-2-1
CE



SURFACE-MOUNTED



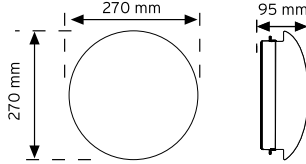
1xE27 SOCKET



10955

LIGHTING ARMATURE

- 1xE27 Socket
- Metal casing and opal glass



1x10 E27



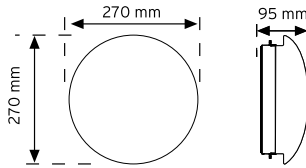
SURFACE-MOUNTED



10956

15W LIGHTING ARMATURE

- Class A energy consumption thanks to LED lighting
- Metal casing and opal glass
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



230-240V 50/60Hz



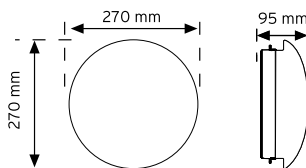
SURFACE-MOUNTED



10957

15W LIGHTING ARMATURE

- Class A energy consumption thanks to LED lighting
- Metal casing and opal glass
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



3x1,2V Ni-Cd



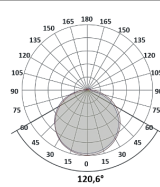
WALL TYPE LED ARMATURE

10205

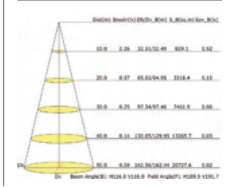


- Class A energy consumption thanks to LED lighting
- Easy surface-mounted installation
- More energy savings with LED lighting feature
- Polycarbonate diffuser
- Normal Operation: 1200 lm

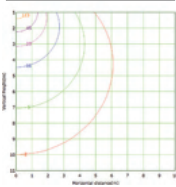
Luminous Intensity Distribution



Curve Illuminance at a Distance



Vertical IsoLux Plot



230-240V
50/60Hz

IP65



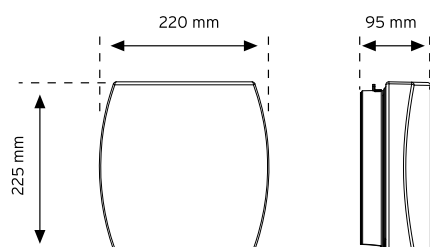
TS EN 60598-2-1
CE

WALL TYPE ARMATURE

10805



- A=225 mm B=220 mm
- Opal Glass



230-240V
50/60Hz

IP43



TS EN 60598-2-1
CE



SURFACE-MOUNTED



- Class A energy consumption thanks to LED lighting
- Easy surface-mounted installation
- Polycarbonate casing and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage
230-240V- 50/60Hz



Operating Temp.
-20°C ~ +40°C



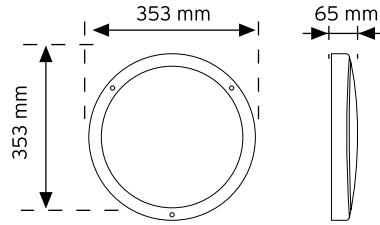
Protection Class
IP 44
II Class



TS EN 60598-2-1



15W 10972



SURFACE-MOUNTED



- Class A energy consumption thanks to LED lighting
- Easy surface-mounted installation
- Polycarbonate casing and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



Operating Voltage
230-240V- 50/60Hz



Operating Temp.
-20°C ~ +40°C



Protection Class
IP 44
II Class



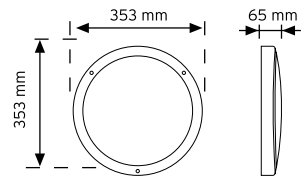
Battery Type
3.6V Ni-Cd



TS EN 60598-2-22
TS EN 60598-2-1



15W 10973



LIGHTING ARMATURE

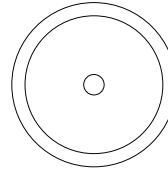
ND1024-12-03 12W



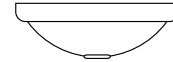
SURFACE-MOUNTED



- Class A energy consumption thanks to LED lighting
- Easy surface-mounted installation
- Metal casing and glass diffuser
- 3000K-4000K-6500K
- Normal Operation: 1200 lm



• 300mm •



• 100mm •



230-240V
50/60Hz

IP44
ASSEMBLED



TS EN 60598-2-1
CE

LIGHTING ARMATURE

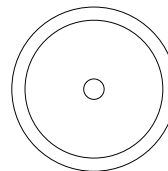
ND1024.Ö 20W



SURFACE-MOUNTED



- Class A energy consumption thanks to LED lighting
- Easy surface-mounted installation
- PF>0,95 Driver
- Metal casing and glass diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000 lm



• 300mm •



• 100mm •



230-240V
50/60Hz

IP44
ASSEMBLED



TS EN 60598-2-1
CE



SURFACE-MOUNTED



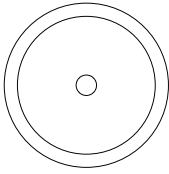
2xE27 SOCKET



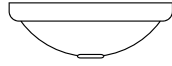
NDTA10220-PD-03

LIGHTING ARMATURE

- Easy surface-mounted installation
- Metal casing and glass diffuser
- 2xE27 Porcelain Socket



• 300mm •



• 100mm •



230-240V
50/60Hz

IP44
ASSEMBLED



TS EN 60598-2-1



SURFACE-MOUNTED



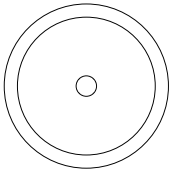
2xE27 SOCKET



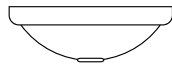
NDTA10220-K-PD-03

LIGHTING ARMATURE

- Easy surface-mounted installation
- Metal casing and glass diffuser
- 2xE27 Porcelain Socket



• 300mm •



• 100mm •



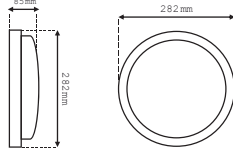
230-240V
50/60Hz

IP44
ASSEMBLED



TS EN 60598-2-1

10969.Ö 20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000 lm



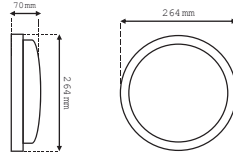
220-230V
50/60Hz

IP44



TS EN 60598-2-1

M0235204000-10 20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



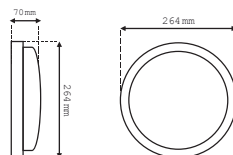
220-230V
50/60Hz

IP65



TS EN 60598-2-1

M02352040001-10 20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 80lm



220-230V
50/60Hz

IP65



TS EN 60598-2-22
TS EN 60598-2-1

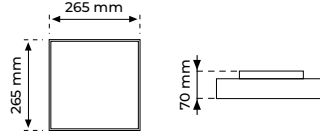


SURFACE-MOUNTED

20W

M2525184040

- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000 lm



TS EN 60598-2-1

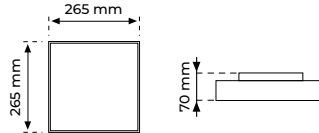


TS EN 60598-2-1

20W

M2525184041

- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Aluminum body and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 2,4V V-1800 mAh Ni-Cd Battery
- Normal Operation: 1200 lm
- Emergency Lighting: 80lm



TS EN 60598-2-22
TS EN 60598-2-1

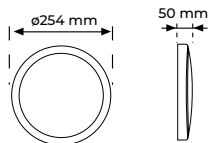


TS EN 60598-2-22
TS EN 60598-2-1

12W

10306

- LED Ceiling Armature, Round Globe
- 12W
- 1200lm



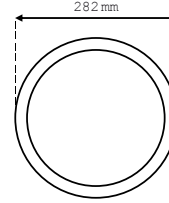
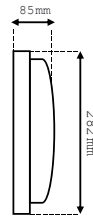
TS EN 60598-2-1

ND10915.Ö

20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



220-230V
50/60Hz

IP44



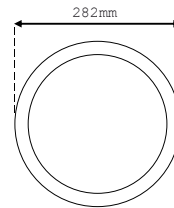
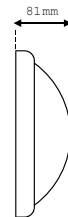
TS EN 60598-2-1

ND10925.Ö

20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and glass diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



220-230V
50/60Hz

IP44
ASSEMBLED



TS EN 60598-2-1



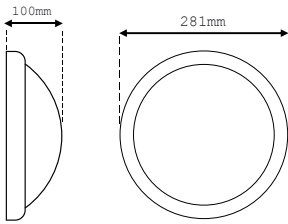
SURFACE-MOUNTED



20W

ND10995.Ö

- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



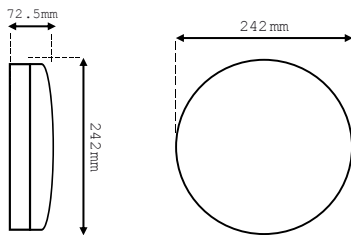
SURFACE-MOUNTED



20W

ND10985.Ö

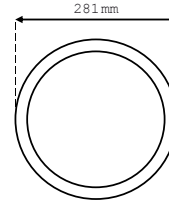
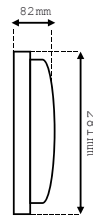
- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Polycarbonate casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000 lm



ND10965.Ö 20W



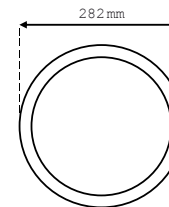
- Class A energy consumption thanks to LED lighting
- Eye-friendly lighting through soft-patterned glass
- PF>0,95 Driver
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 2000 lm



ND10969.Ö 20W



- Class A energy consumption thanks to LED lighting
- PF>0,95 Driver
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000 lm





SURFACE-MOUNTED

CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M806063401800	14	4000K	40	840	625	38	32
M806063401801	18	4000K	40	1080	1234	38	32



LINA RALINA



SURFACE-MOUNTED

CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M806063401600	18	4000K	40	2100	632	40	56



MEISSA RALINA



SURFACE-MOUNTED

CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M271202040000	18	4000K	40	2100	1235	56	40



MEISSA RALINA with SWITCH



RAYA

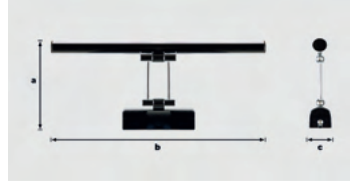
MIRROR-TOP ARMATURE



SURFACE-MOUNTED



CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M4000084000	8	4000K	40	538	150	311	40



220-230V
50/60Hz

IP40



SARA MIDI

WALL ARMATURE



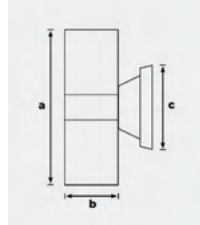
SURFACE-MOUNTED



2xE27 SOCKET



CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M9903040100	2xE27 + LED Bulb	4000K	40	-	300	107	100



220-230V
50/60Hz

IP40



SARA MINI

WALL ARMATURE



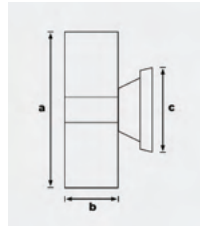
SURFACE-MOUNTED



2xGU10 SOCKET



CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M9901740100	2xGU10 + LED Bulb	4000K	40	-	170	60	80



220-230V
50/60Hz

IP40





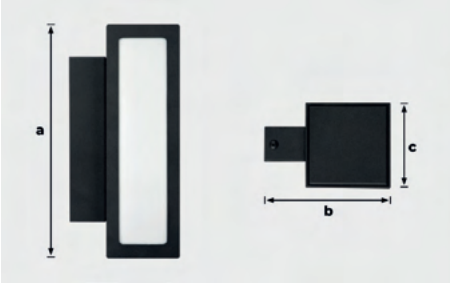
SURFACE-MOUNTED



WALL ARMATURE 8W

SAKA

CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M3900084000	8	4000K	40	200	248	123	80



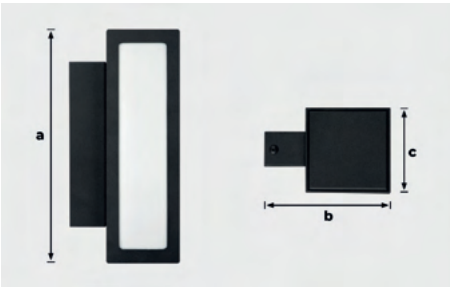
SURFACE-MOUNTED



WALL ARMATURE 8W

SAKA with RADAR SENSOR

CODE	Power (W)	Color Temperature	IP	Light Flux	A (mm)	B (mm)	C (mm)
M3900084010	8	4000K	40	200	248	123	80

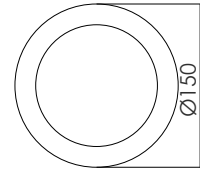
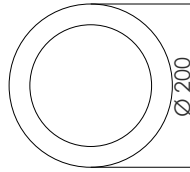
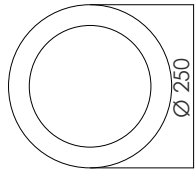


Capella 3" / 4" / 6"

LED DOWNLIGHT



SURFACE-MOUNTED



DATA SHEET	CAPELLA 3"	CAPELLA 4"	CAPELLA 6"
POWER CONSUMPTION	9 W	12 W	18 W
LUMINOUS FLUX	900 lm	1200 lm	1800 lm
DIMENSIONS	Ø150	Ø200	Ø250
INPUT VOLTAGE		180 - 265 V AC	
COLOR RANGE		2700 K-4000 K-6500 K	
BEAM ANGLE		90°	
OPERATING TEMPERATURE		- 20° / +50° C	
SOURCE LIFE		50 000 hours @LM70	
HOUSING		Aluminum	
IP (INGRESS PROTECTION)		IP40	
CRI		>85	
BATTERY TYPE		2.4V -1800mAh	
EMERGENCY LIGHTING TIME		3 Hours	

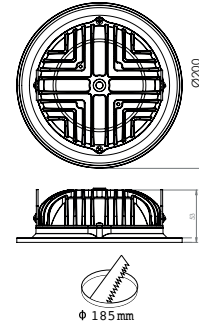
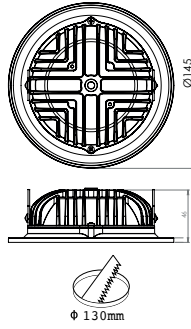
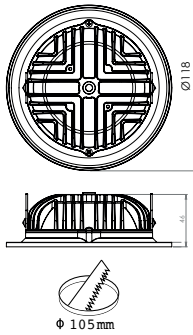
Capella is recessed LED fixture that provides high quality lighting with energy efficiency.

Different body color options
 Different light color options
 No UV, mercury and lead free
 Homogeneous lighting in all LED options
 Different case and mounting options



LED DOWNLIGHT

Capella 3" / 4" / 6"



DATA SHEET	CAPELLA 3"	CAPELLA 4"	CAPELLA 6"
POWER CONSUMPTION	9 W	12 W	18 W
LUMINOUS FLUX	900 lm	1200 lm	1800 lm
DIMENSIONS	Ø118mm	Ø145 mm	Ø200 mm
HOLE	Ø105 mm	Ø130 mm	Ø185 mm
INPUT VOLTAGE		180 - 265 V AC	
COLOR RANGE		2700 K-4000 K-6500 K	
BEAM ANGLE		90°	
OPERATING TEMPERATURE		- 20° / +50° C	
SOURCE LIFE		50 000 hours @LM70	
HOUSING		Aluminum	
IP (INGRESS PROTECTION)		IP40	
CRI		>85	
BATTERY TYPE		2.4V -1800mAh	
EMERGENCY LIGHTING TIME		3 Hours	

Capella is recessed LED fixture that provides high quality lighting with energy efficiency.

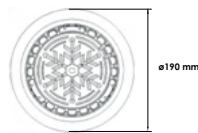
- Different body color options
- Different light color options
- No UV, mercury and lead free
- Homogeneous lighting in all LED options
- Different case and mounting options

Capella X 3" / 4" / 5" / 6"

LED DOWNLIGHT



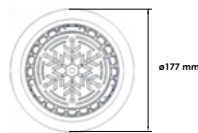
SURFACE-MOUNTED



ø190 mm



ø 170 mm



ø177 mm



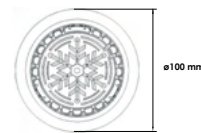
ø 150 mm



ø120 mm



ø 100 mm



ø100 mm



ø 80 mm

DATA SHEET	CAPELLA X 3"	CAPELLA X 4"	CAPELLA X 5"	CAPELLA X 6"
POWER CONSUMPTION	9 W	12 W	15 W	18 W
LUMINOUS FLUX	900 lm	1200 lm	1500 lm	1800 lm
DIMENSIONS	ø100 mm	ø120 mm	ø177 mm	ø190 mm
HOLE	ø80 mm	ø100 mm	ø150 mm	ø170 mm
INPUT VOLTAGE	220 - 230 VAC 50 - 60 Hz			
COLOR RANGE	2700 K-4000 K-6500 K			
BEAM ANGLE	110°			
OPERATING TEMPERATURE	- 20° / +40° C			
SOURCE LIFE	50 000 hours @LM70			
HOUSING	Aluminum			
IP (INGRESS PROTECTION)	IP40			
CRI	>80			

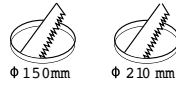
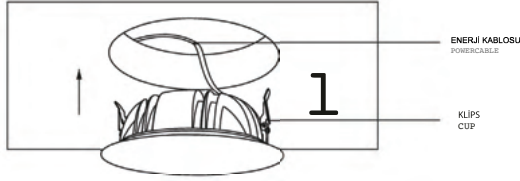
Capella X is recessed LED fixture that provides high quality lighting with energy efficiency.

Different body color options
 Different light color options
 No UV, mercury and lead free
 Homogeneous lighting in all LED options
 Different case and mounting options



MIASA 6"/ 8"

DOWNLIGHT



MIASA is recessed LED fixture that provides high quality lighting with high energy efficiency.

- Different size options
- Different light color options
- No UV, mercury and lead free
- Homogeneous lighting in all LED options
- Case color options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING
(Indoor - Outdoor)



DATA SHEET	MIASA 6"	MIASA 8"
LED Configuration	30	42
POWER CONSUMPTION	17,5 W	20 W
LUMINOUS FLUX	1252 lm	1670 lm
WEIGHT	460 g	828 g
DIMENSIONS	ø175 mm	ø230 mm
HOLE	ø150 mm	ø210 mm
INPUT VOLTAGE	180 - 265 V AC	
COLOR RANGE	2700 K-5500 K-6500 K	
BEAM ANGLE	90°	
OPERATING TEMPERATURE	- 20° / +50° C	
SOURCE LIFE	50 000 hours @LM70	
HOUSING	Aluminum	
IP (INGRESS PROTECTION)	IP40	
CRI	>85	



SENSOR & SENSOR LIGHTING

SENSOR & SENSOR
LIGHTING



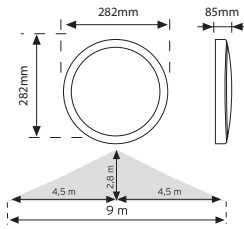
na·De®

ND10913.Ö 20W

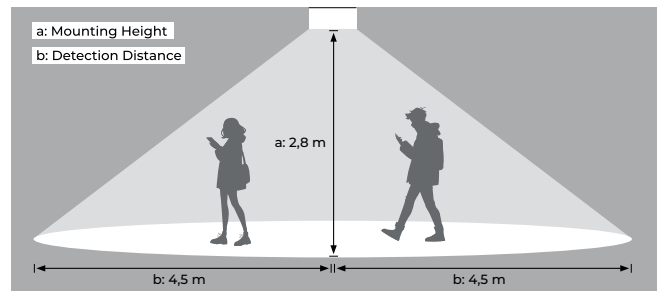


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C - +40°C	IP 44	1/4 Pieces



TS EN 60598-2-1

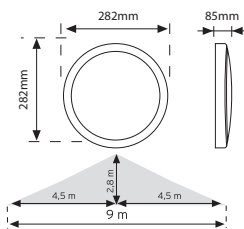


ND10914.Ö 20W

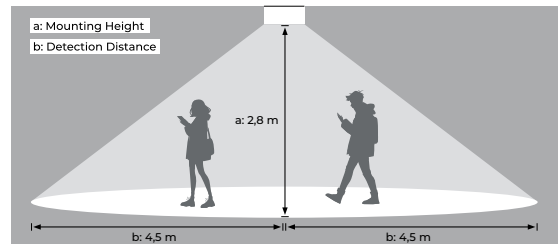


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	360°	2.8 m	17 sec	5-10 lux	-20°C - +40°C	IP 44	1/4 Pieces

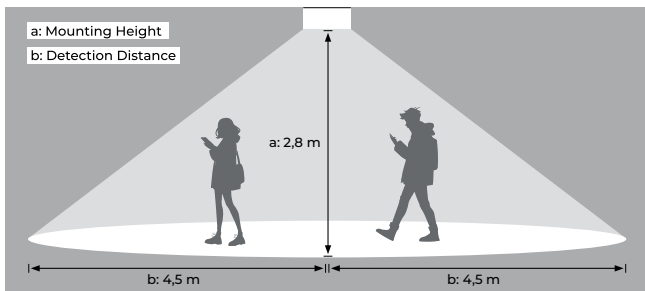


TS EN 60598-2-22
TS EN 60598-2-1



20W ND10923.Ö

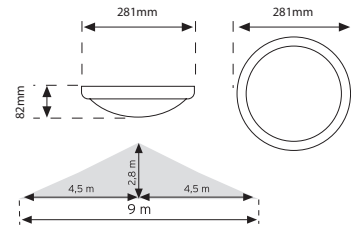
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	360° Max. 5 m	2,8 m	10 sec - 5 min	5-10 lux	-20°C ~ +40°C	IP 44	1/4 Pieces



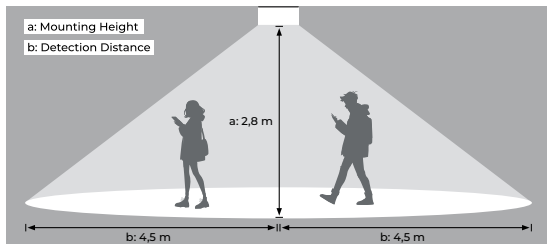
TS EN 60598-2-1



SENSOR & SENSOR
LIGHTING

20W ND10924.Ö

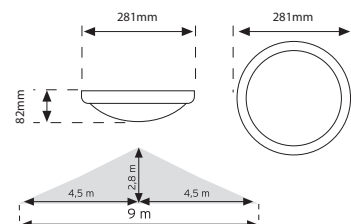
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1,2V 650mAh Ni-Cd	360° Max. 9 m	2,8 m	10 sec - 5 min	5-10 lux	-20°C ~ +40°C	IP 44	1/4 Pieces



TS EN 60598-2-22
TS EN 60598-2-1

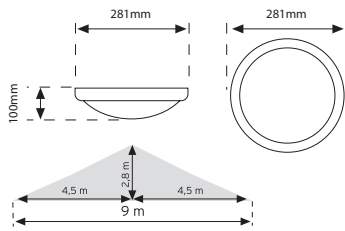


ND10993.Ö 20W

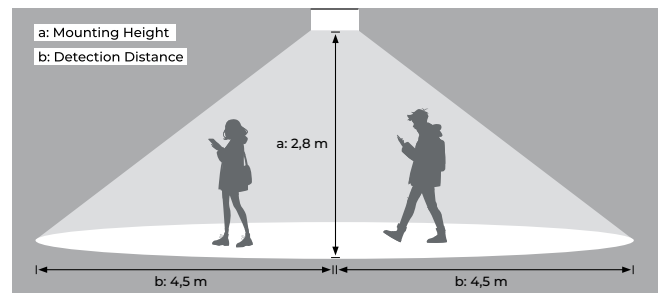


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP 44	1/4 Pieces



TS EN 60598-2-1

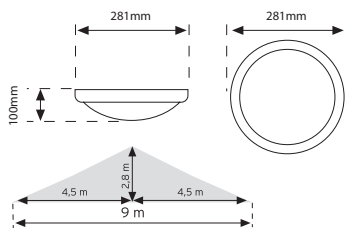


ND10994.Ö 20W

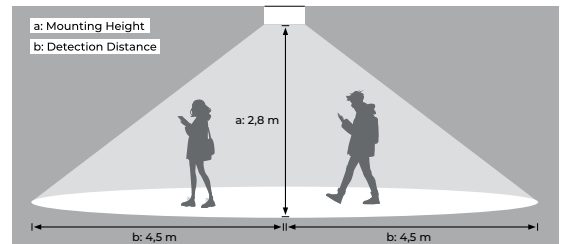


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x(1,2V 650mAh Ni-Cd)	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP 44	1/4 Pieces



TS EN 60598-2-22

TS EN 60598-2-1



20W ND10967.Ö

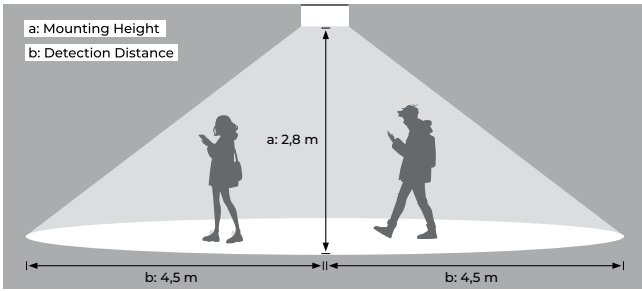
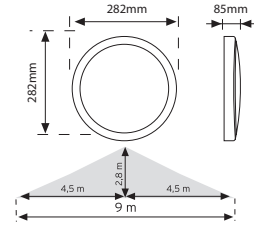
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000lm



SURFACE-MOUNTED



HF SENSOR



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	360°	2,8 m	10 sec - 5 min	5-10 lux	-20°C ~ +40°C	IP 40	1/4 Pieces



TS EN 60598-2-1



20W ND10968.Ö

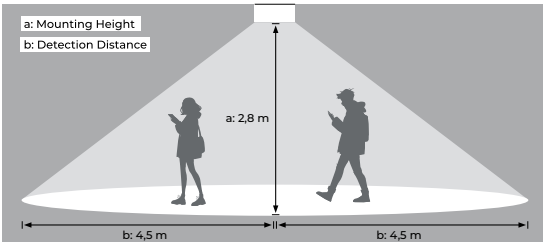
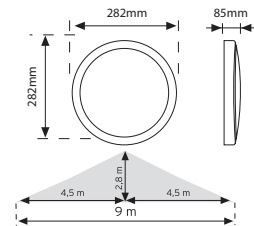
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 90lm



SURFACE-MOUNTED



HF SENSOR



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1,2V 650mAh Ni-Cd	360°	2,8 m	10 sec - 5 min	5-10 lux	-20°C ~ +40°C	IP 40	1/4 Pieces



TS EN 60598-2-22
TS EN 60598-2-1

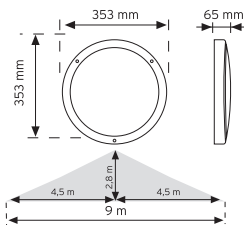


10970 15W

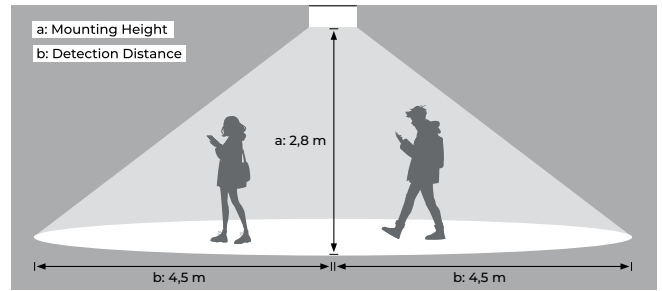


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Polycarbonate casing and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	360°	2.8 m	17 sec	2-2000 lux	-20°C ~ +40°C	IP 44	19 kg / 9 Pieces

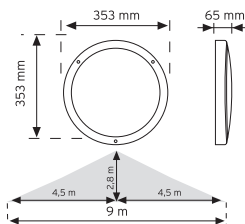


10971 15W

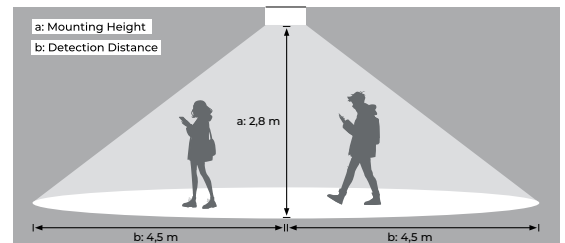


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Polycarbonate casing and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm

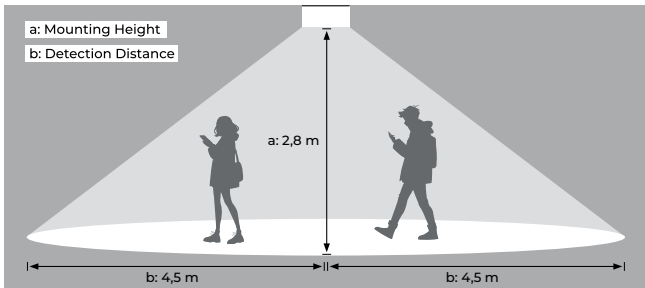


Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	3x(12V 650mAh Ni-Cd)	360°	2.8 m	17 sec	2-2000 lux	-20°C ~ +40°C	IP 44	19 kg / 9 Pieces

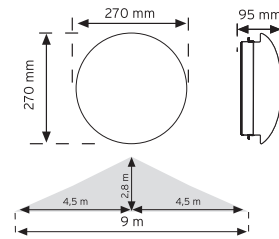


e-MOTION®

- 360° detection through HF sensor technology
- Eye-friendly lighting through opal glass
- Adjustable time and lux settings
- Metal casing and opal glass cover
- Normal Operation: -



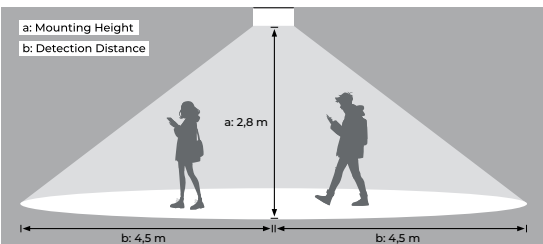
Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1x10W E27	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	19 kg / 9 Pieces



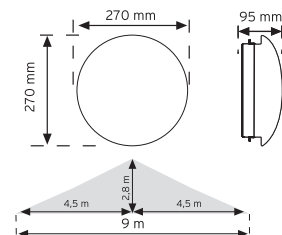
SENSOR & SENSOR
LIGHTING

e-MOTION®

- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Metal casing and opal glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



Operating Voltage	Battery Type	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x(1.2V 650mAh Ni-Cd)	1x10W E27	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	19 kg / 9 Pieces

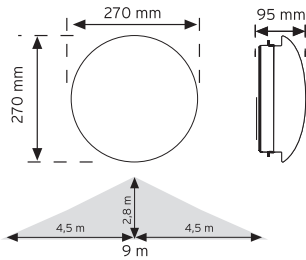


10952 15W



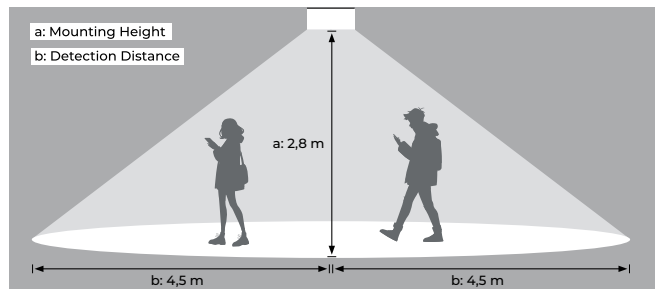
SURFACE-MOUNTED

HF SENSOR



e-MOTION®

- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Metal casing and opal glass cover
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C - +40°C	IP 44	19 kg / 9 Pieces



TS EN 60598-2-1

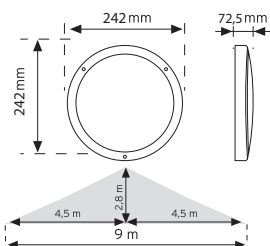


ND10984.Ö 20W

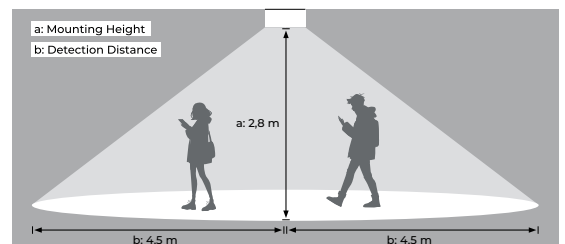


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Polycarbonate casing and polycarbonate opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 2300lm
- Emergency Lighting: 90lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x1,2V 650mAh Ni-Cd	360°	2.8 m	17 sec	5-10 lux	-20°C - +40°C	IP 65	14 Pieces



TS EN 60598-2-22

TS EN 60598-2-1



20W ND10983.Ö

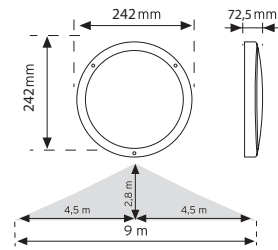
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Polycarbonate casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 2000lm



SURFACE-MOUNTED



HF SENSOR



SENSOR & SENSOR
LIGHTING

ND 10960



SURFACE-MOUNTED



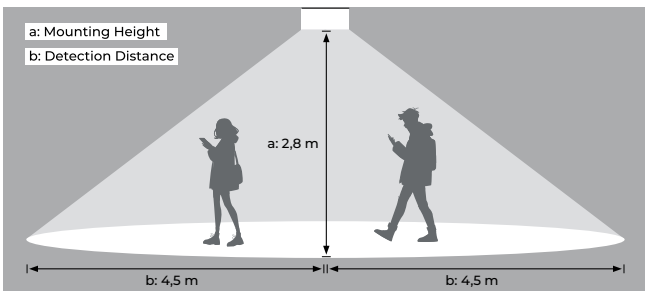
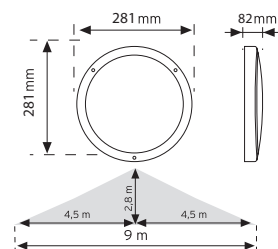
HF SENSOR



2xE27 SOCKET



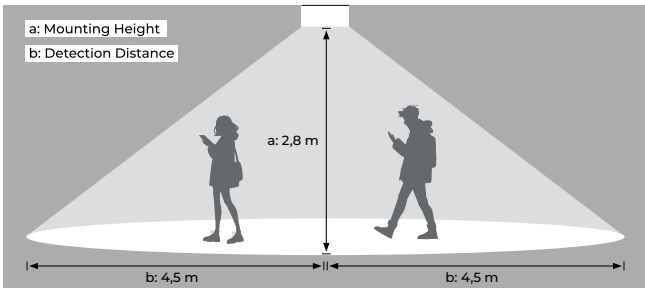
- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Eye-friendly lighting through soft-patterned glass
- Metal casing and glass cover



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP 40	1/4 Pieces



TS EN 60598-2-1



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	2x10W E27	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/4 Pieces



TS EN 60598-2-1

ND10961



SURFACE-MOUNTED



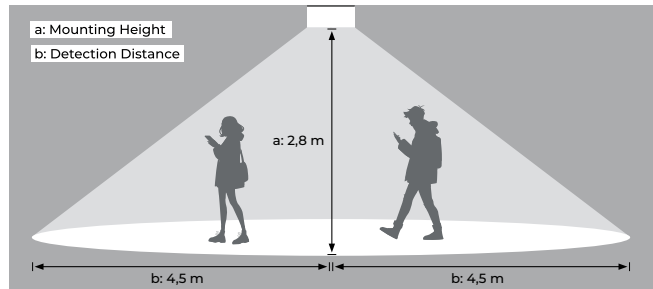
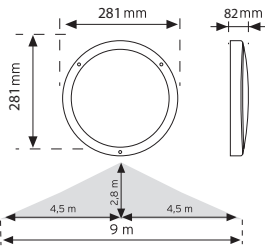
HF SENSOR



1x E27 SOCKET



- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Eye-friendly lighting through soft-patterned glass
- Metal casing and glass cover



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	1x10W E27	360° Max. 9 m	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



TS EN 60598-2-1



ND10962



SURFACE-MOUNTED



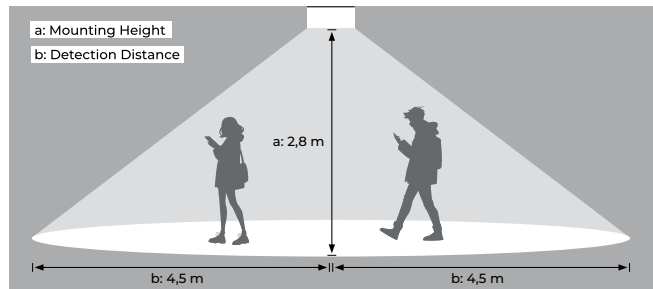
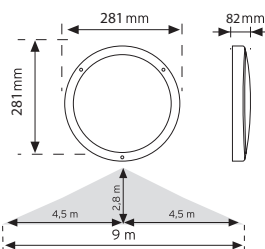
HF SENSOR



2x E27 SOCKET



- 360° detection through HF sensor technology
- Adjustable time and lux settings
- Metal casing and glass cover
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Emergency Lighting: 70lm



Operating Voltage	Battery Type	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	3x(1,2V 650mAh Ni-Cd)	2x10W E27	360° Max. 9 m	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces

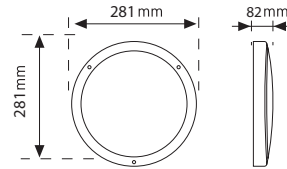


TS EN 60598-2-22
TS EN 60598-2-1

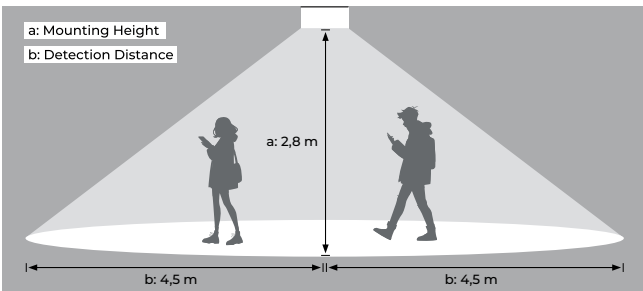


20W ND10963.Ö

- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Eye-friendly lighting through soft-patterned glass
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 2000lm



SENSOR & SENSOR
LIGHTING

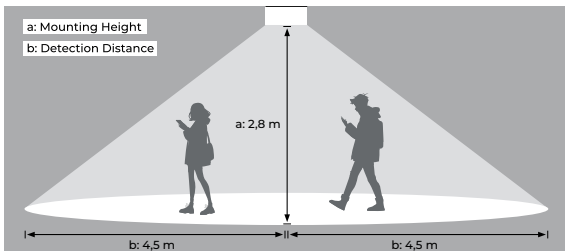
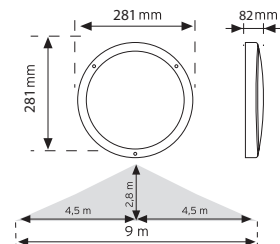


Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/4 Pieces



20W ND10964.Ö

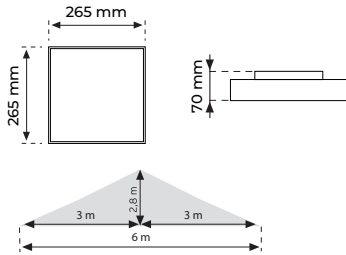
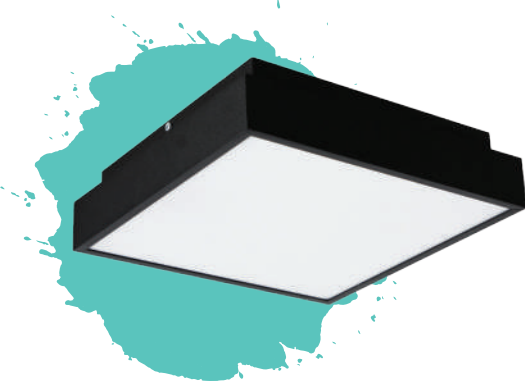
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Eye-friendly lighting through soft-patterned glass
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 70lm



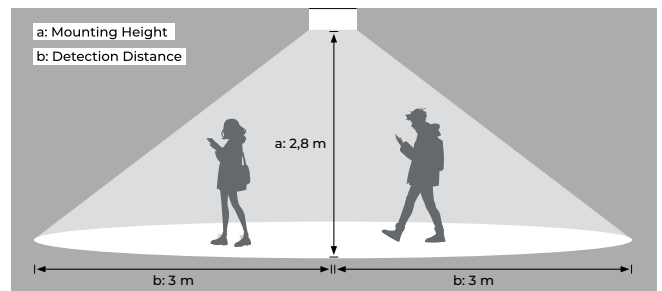
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x(1.2V 650mAh Ni-Cd)	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/4 Pieces



M2525184042 20W



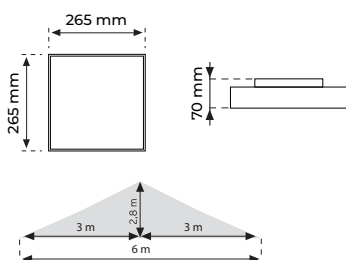
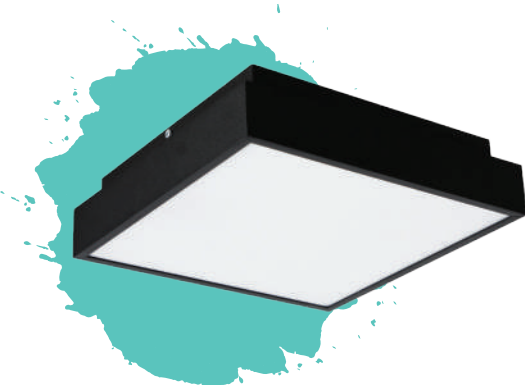
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Aluminum body and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1200lm



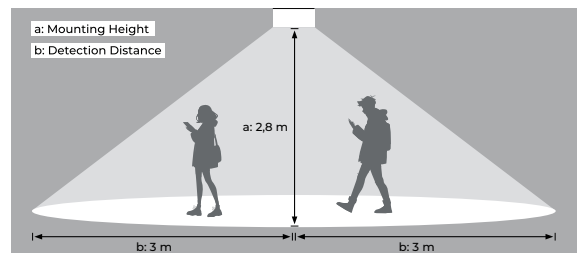
Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	6 Pieces



M2525184043 20W



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Aluminum body and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 2.4V V-1800 mAh Ni-Cd Battery
- Normal Operation: 1200lm
- Emergency Lighting: 60lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	2.4V V-1800 mAh Ni-Cd	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	6 Pieces



20W

M2525203042

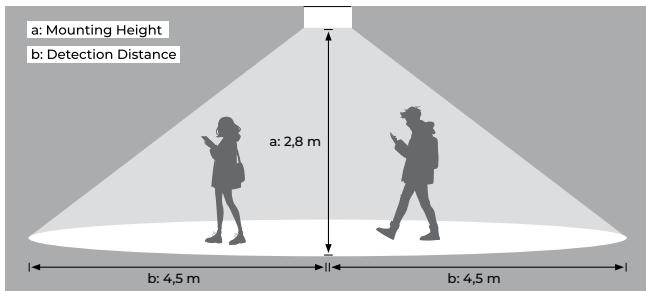
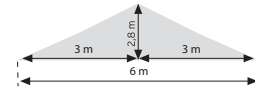
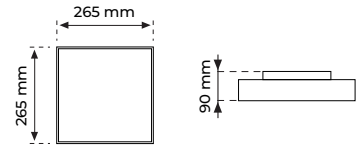
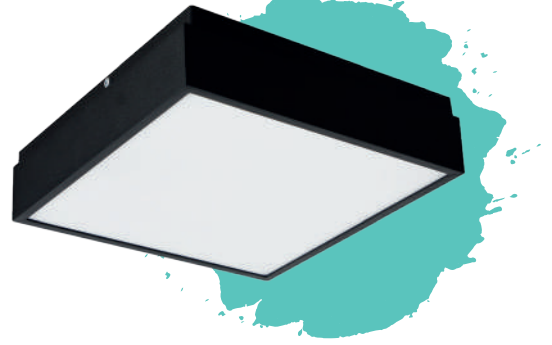
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1800lm



SURFACE-MOUNTED



HF SENSOR



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



TS EN 60598-2-1

20W

M2525203043

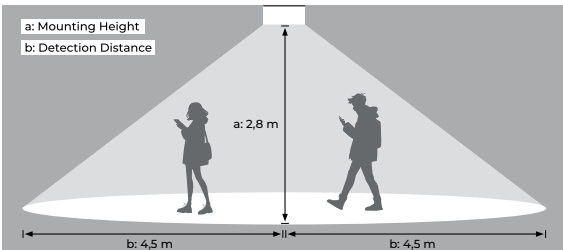
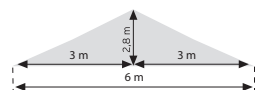
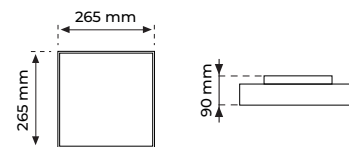
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 2,4V V-1800 mAh Ni-Cd Battery
- Normal Operation: 1800lm
- Emergency Lighting: 100lm



SURFACE-MOUNTED



HF SENSOR



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	2,4V V-1800 mAh Ni-Cd	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



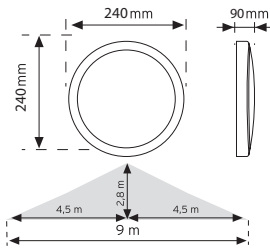
TS EN 60598-2-22
TS EN 60598-2-1

M0235203002 20W

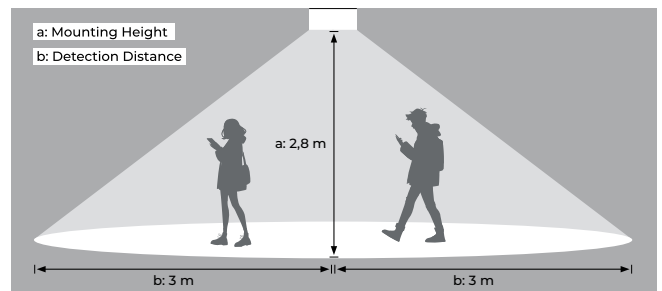


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1440lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces

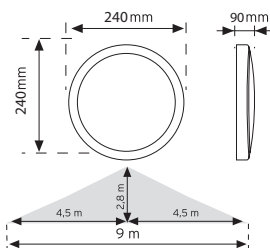


M0235203003 20W

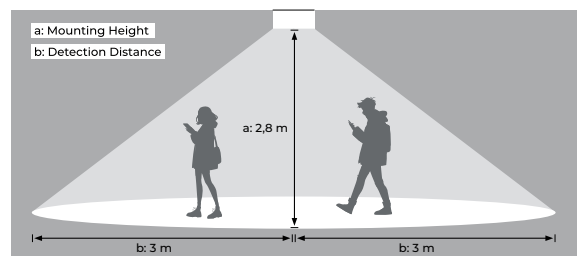


SURFACE-MOUNTED

HF SENSOR



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 2,4V V-1800 mAh Ni-Cd Battery
- Normal Operation: 1440lm
- Emergency Lighting: 100lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	2,4V V-1800 mAh Ni-Cd	360°	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



20W

M0235204002-10

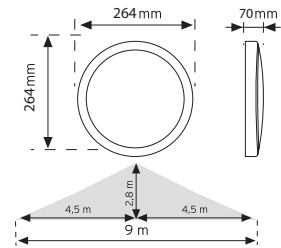
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 1400 lm



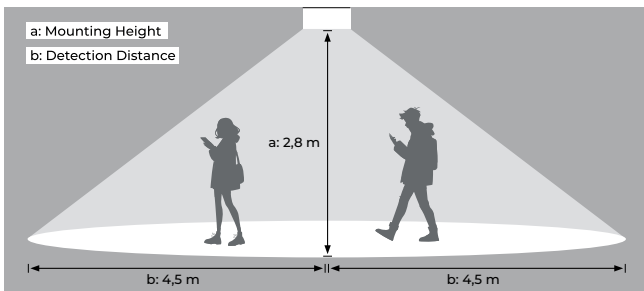
SURFACE-MOUNTED



HF SENSOR



SENSOR & SENSOR
LIGHTING



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP 65	9 Pieces



TS EN 60598-2-1



20W

M0235204001-10

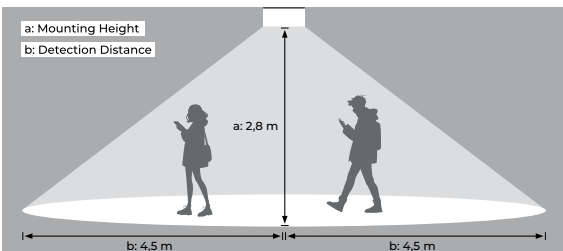
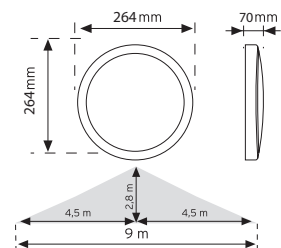
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and polycarbonate opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1400 lm
- Emergency Lighting: 70lm



SURFACE-MOUNTED



HF SENSOR



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1.2V 650mAh Ni-Cd	Max. 9 m	2.8 m	17 sec	5-10 lux	-20°C ~ +40°C	IP 65	9 Pieces



TS EN 60598-2-22
TS EN 60598-2-1

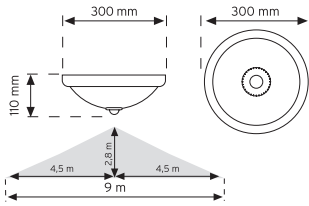


01000 KROM 12W

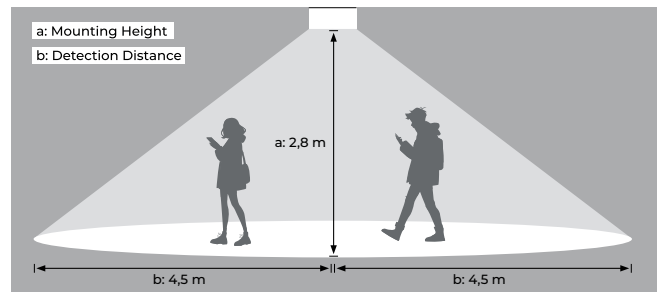


SURFACE-MOUNTED

PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1200lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	Max. 9 m	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



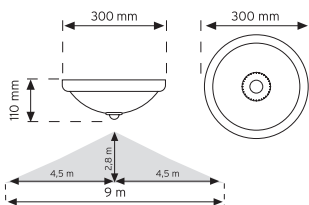
TS EN 60598-2-1

01000 12W

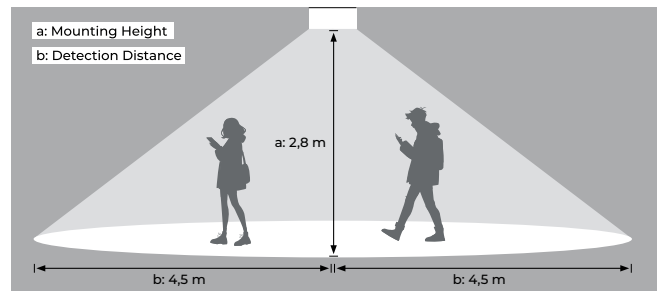


SURFACE-MOUNTED

PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1200lm

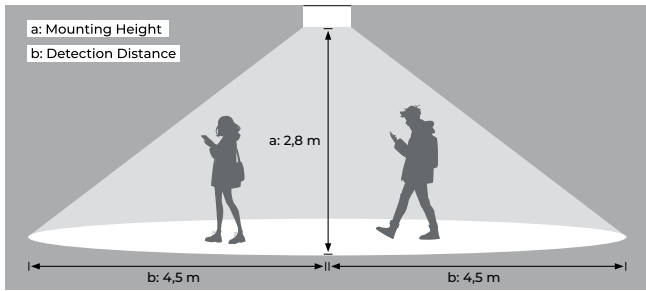


Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	Max. 9 m	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



TS EN 60598-2-1

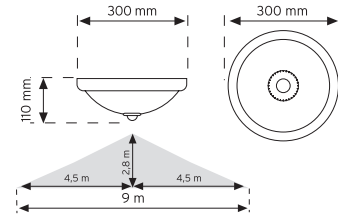
- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1200lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	360°	2,8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces

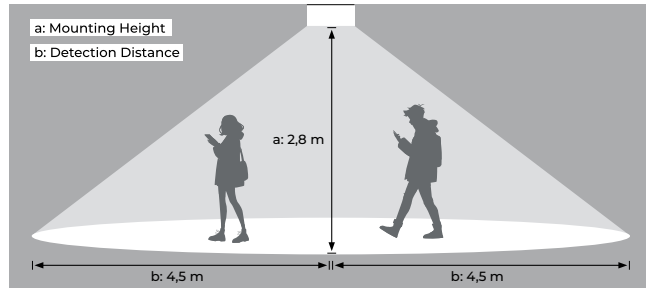


12W ND1000-12-03



SENSOR & SENSOR
LIGHTING

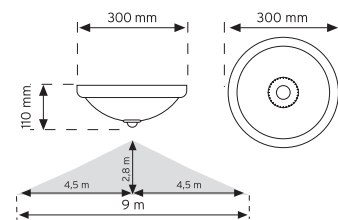
- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1200lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	360°	2,8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



12W ND1000.Ö



01051 KROM 12W



SURFACE-MOUNTED



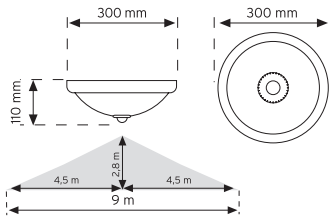
PIR SENSOR



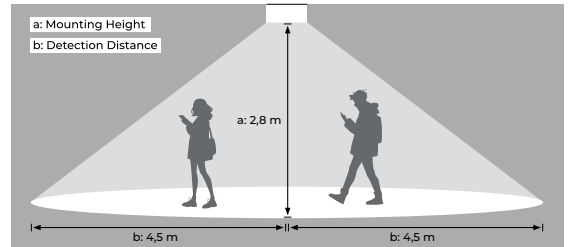
EMERGENCY LIGHTING



MADE IN TÜRKİYE



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1200lm
- Emergency Lighting: 50lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1,2V 650mAh Ni-Cd	360°	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



TS EN 60598-2-22
TS EN 60598-2-1



01051 12W



SURFACE-MOUNTED



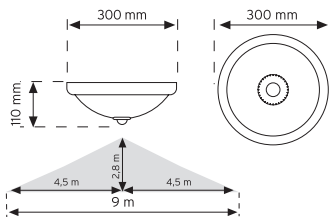
PIR SENSOR



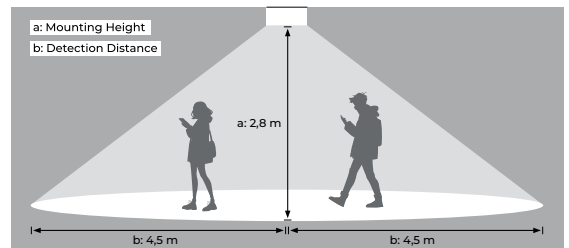
EMERGENCY LIGHTING



MADE IN TÜRKİYE



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1200lm
- Emergency Lighting: 50lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1,2V 650mAh Ni-Cd	360°	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces

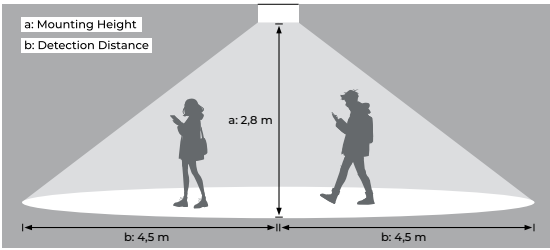
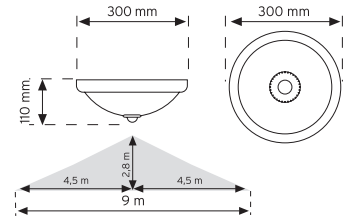


TS EN 60598-2-22
TS EN 60598-2-1



12W ND1051-12-03

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1200lm
- Emergency Lighting: 50lm

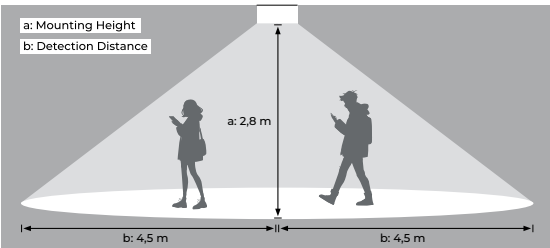
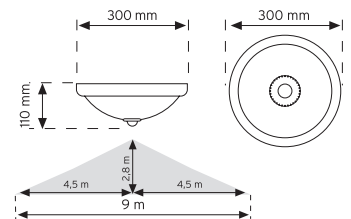


Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(12V 650mAh Ni-Cd)	Max. 9 m	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1x Pieces



12W ND1051.Ö

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1200lm
- Emergency Lighting: 50lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(12V 650mAh Ni-Cd)	Max. 9 m	2.8 m	5 sec - 90 sec	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1x Pieces

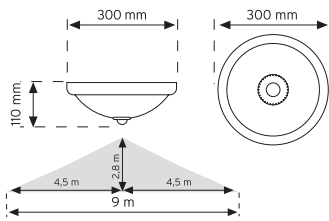


10551 KROM 18W

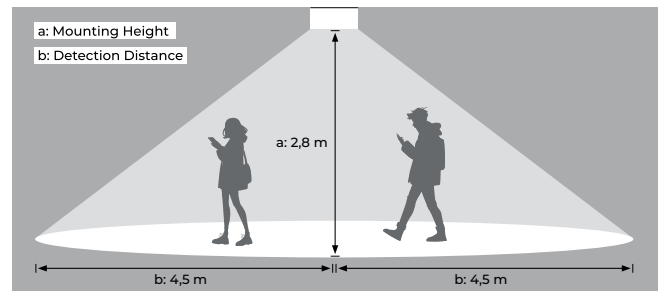


SURFACE-MOUNTED

PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1800lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/1 Pieces



TS EN 60598-2-1

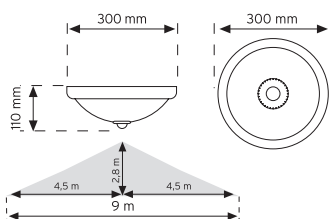


10551 18W

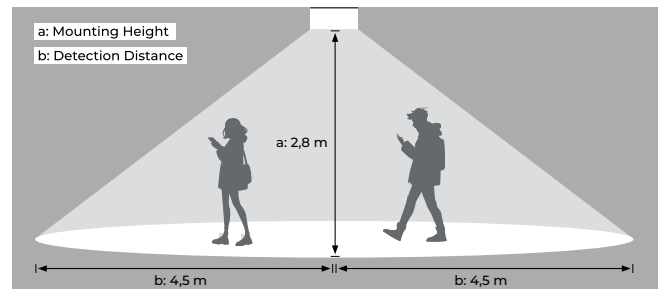


SURFACE-MOUNTED

PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1800lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/1 Pieces



TS EN 60598-2-1



18W ND10551-18-03

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1800lm

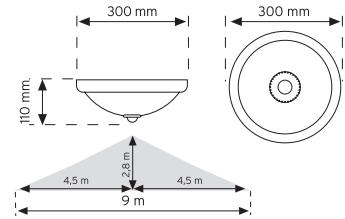


SURFACE-MOUNTED

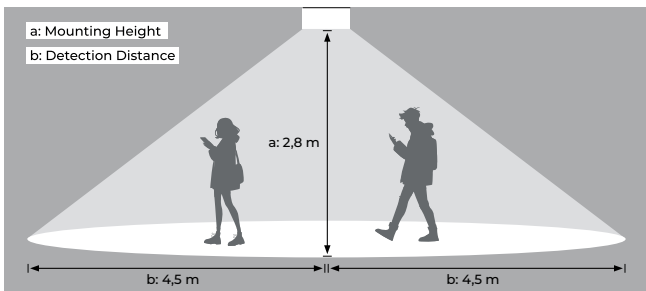
PIR SENSOR

LED

MADE IN TÜRKİYE



SENSOR & SENSOR LIGHTING



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/4 Pieces



TS EN 60598-2-1



18W ND10551.Ö

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Driver with power factor > 0.95
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1800lm

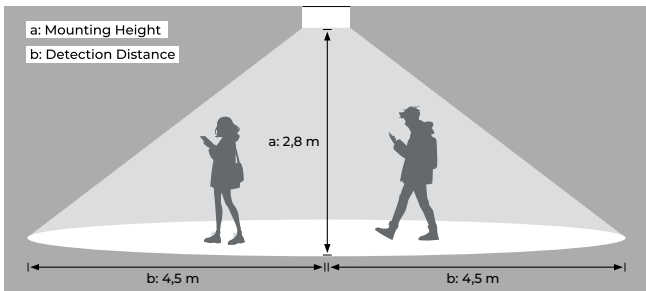
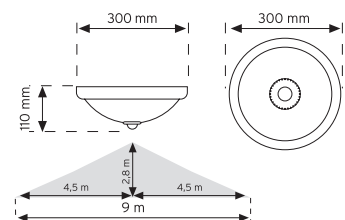


SURFACE-MOUNTED

PIR SENSOR

LED

MADE IN TÜRKİYE



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1/4 Pieces



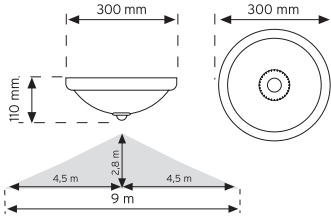
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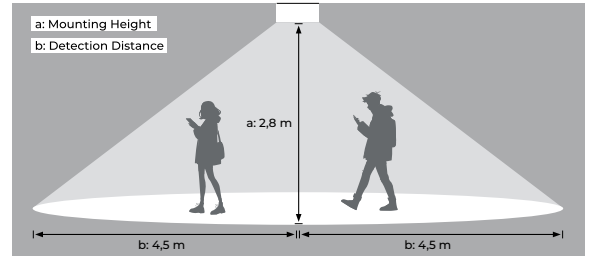
10651 KROM 20W



SURFACE-MOUNTED PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 80lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x(1,2V 650mAh Ni-Cd)	360°	2,8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces



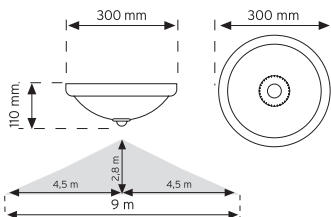
TS EN 60598-2-22
TS EN 60598-2-1



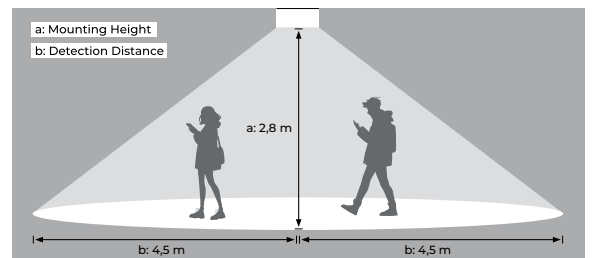
10651 20W



SURFACE-MOUNTED PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 80lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x(1,2V 650mAh Ni-Cd)	360°	2,8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	1x Pieces

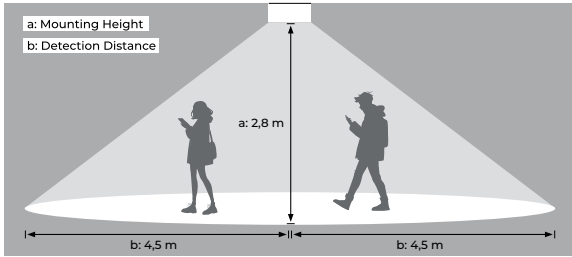


TS EN 60598-2-22
TS EN 60598-2-1



20W ND10651-18-03

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 80lm



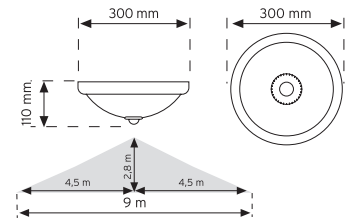
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1/4 Pieces



SURFACE-MOUNTED



PIR SENSOR

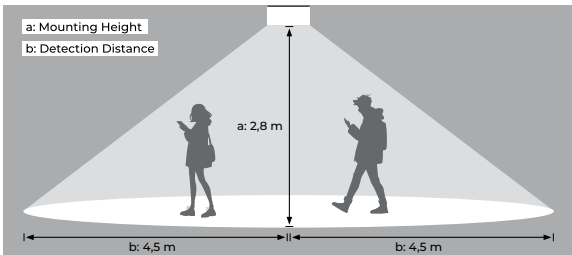


TS EN 60598-2-22
TS EN 60598-2-1



20W ND10651.Ö

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Driver with power factor > 0.95
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 2000lm
- Emergency Lighting: 80lm



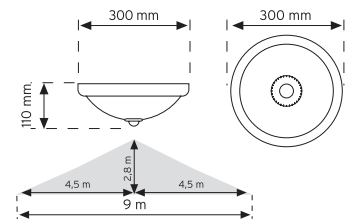
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1/4 Pieces



SURFACE-MOUNTED



PIR SENSOR



TS EN 60598-2-22
TS EN 60598-2-1



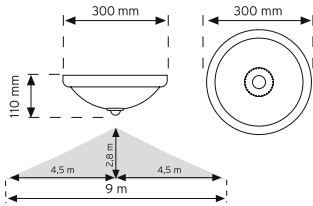
10433 20W



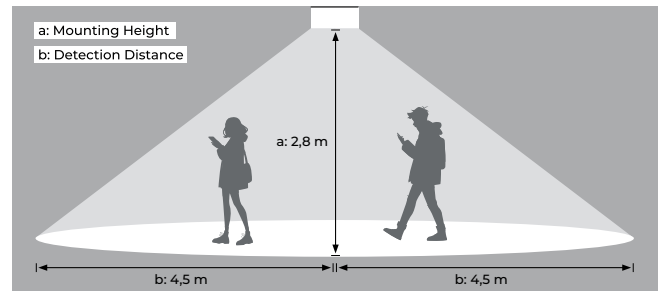
SURFACE-MOUNTED

PIR SENSOR

SENSOR & SENSOR
LIGHTING



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1700lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



TS EN 60598-2-1



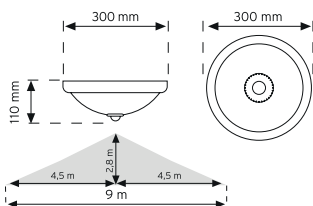
10433.03 KROM 20W



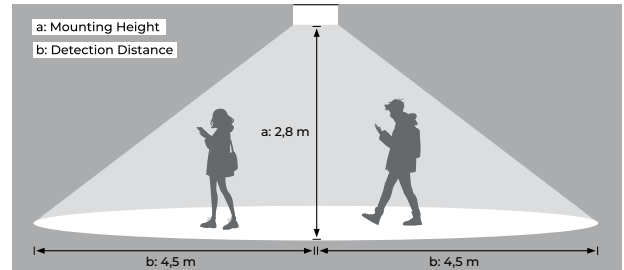
SURFACE-MOUNTED

PIR SENSOR

SENSOR & SENSOR
LIGHTING



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V - 650 mAh / Ni-Cd Battery
- Normal Operation: 1700lm
- Emergency Lighting: 60lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces

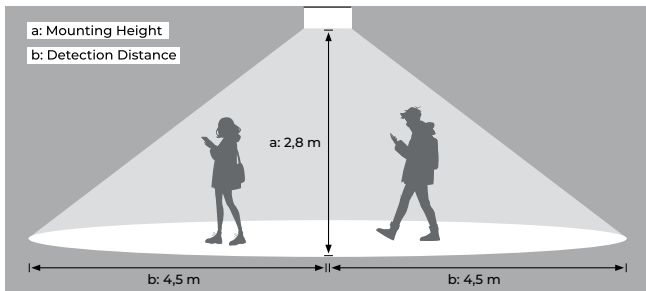
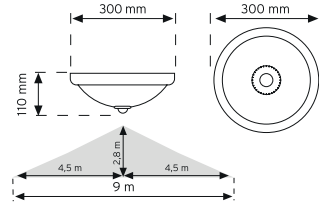


TS EN 60598-2-22



20W 10434

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 1700lm

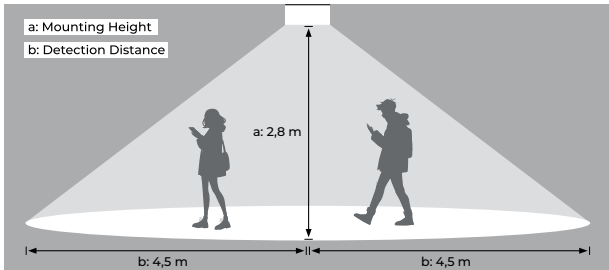
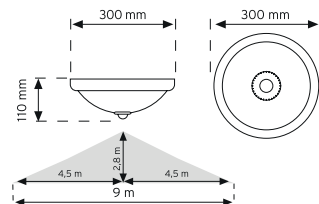


Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



20W 10434 KROM

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1700lm
- Emergency Lighting: 60lm



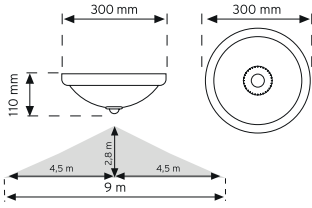
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1.2V 650mAh Ni-Cd	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	10 Pieces



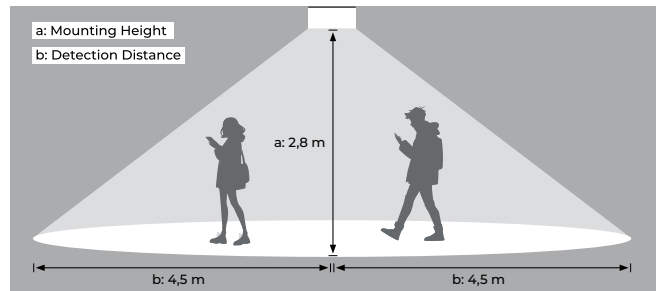
22999 12W



SURFACE-MOUNTED PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Soft, eye-friendly lighting, polycarbonate diffuser
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 1100lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	16 Pieces

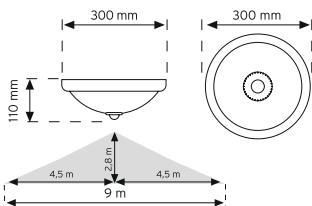


TS EN 60598-2-1

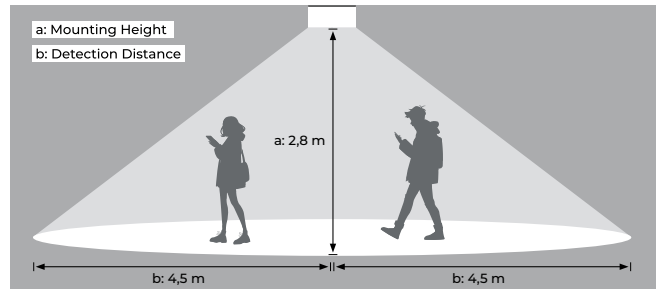
22999 KROM 12W



SURFACE-MOUNTED PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Soft, eye-friendly lighting, polycarbonate diffuser
- Adjustable time and lux settings
- Metal casing and polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 1100lm



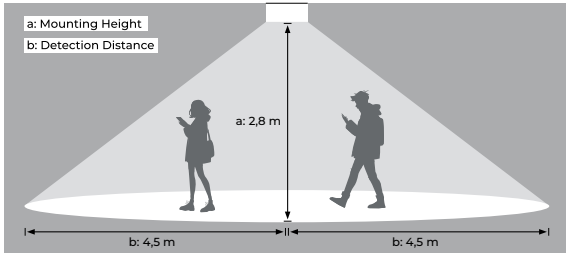
Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	16 Pieces



TS EN 60598-2-1

12W 22777

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and polycarbonate cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1100lm
- Emergency Lighting: 80lm



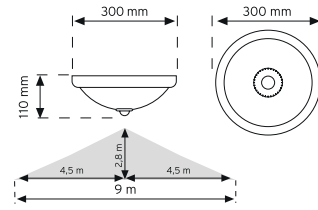
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	3x(1,2V 650mAh Ni-Cd)	360°	2,8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	16 Pieces



SURFACE-MOUNTED



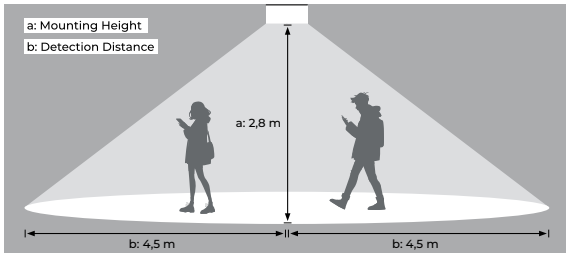
PIR SENSOR



SENSOR & SENSOR
LIGHTING

12W 22777 KROM

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and polycarbonate cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V -650 mAh / Ni-Cd Battery
- Normal Operation: 1100lm
- Emergency Lighting: 80lm



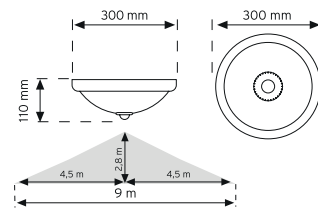
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	3x(1,2V 650mAh Ni-Cd)	360°	2,8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	16 Pieces



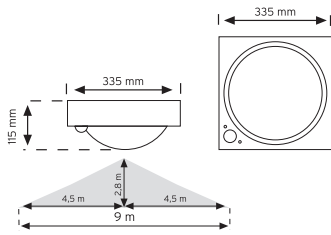
SURFACE-MOUNTED



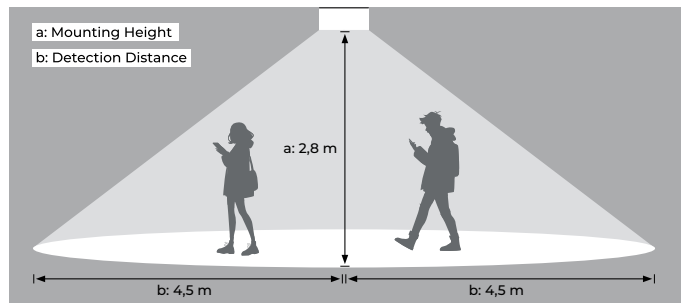
PIR SENSOR



10410 6W



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 600lm

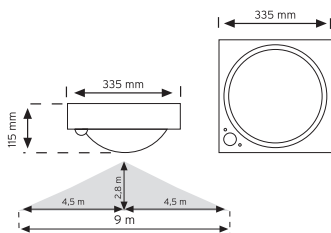


Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces

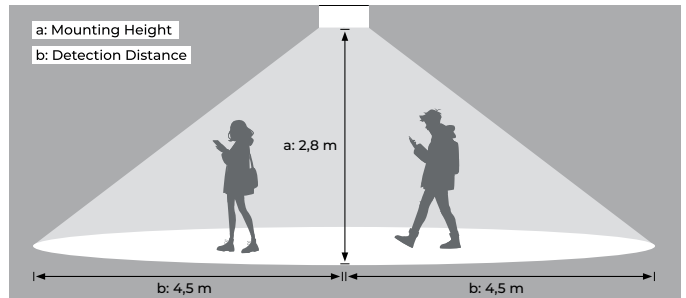


TS EN 60598-2-1

10410 6W - GRAY



- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- 3000K-4000K-6500K
- Normal Operation: 600lm



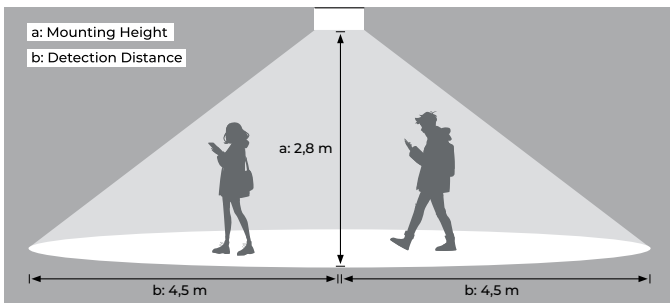
Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V-50/60Hz	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces



TS EN 60598-2-1

10400

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1x E27 Socket	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces



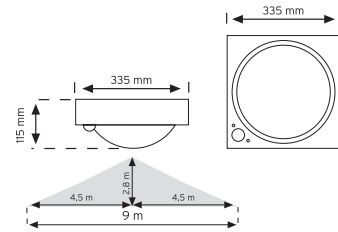
SURFACE-MOUNTED



PIR SENSOR



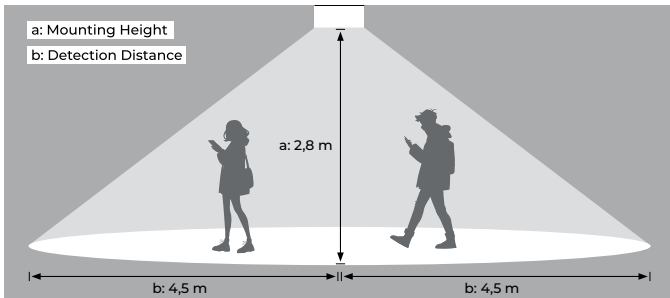
1x E27 SOCKET



SENSOR & SENSOR
LIGHTING

GRAY 10400

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1x E27 Socket	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces



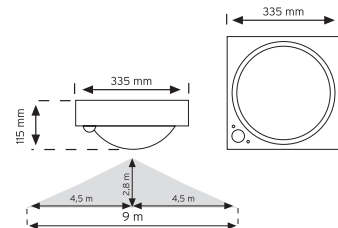
SURFACE-MOUNTED



PIR SENSOR



1x E27 SOCKET



10700



SURFACE-MOUNTED



PIR SENSOR



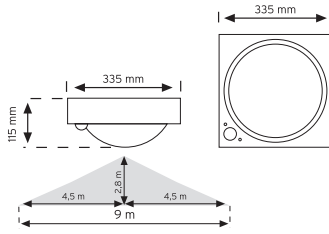
1xE27 SOCKET



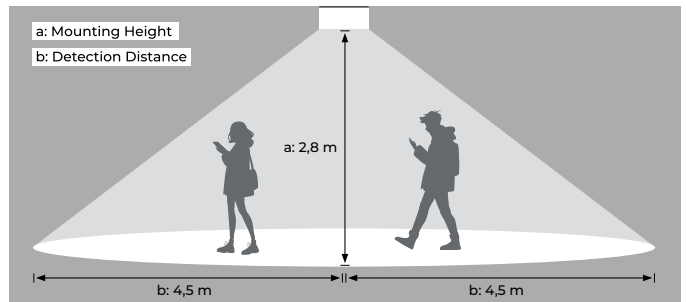
EMERGENCY LIGHTING



MADE IN TÜRKİYE



- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- LED lighting during power outage
- 2-hour emergency lighting duration
- 3 x 1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: -
- Emergency Lighting: 40lm



Operating Voltage	Lighting Load	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1xE27 Socket	3x1000mAh Ni-Cd	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces



TS EN 60598-3-22
TS EN 60598-2-1



10700 GRAY



SURFACE-MOUNTED



PIR SENSOR



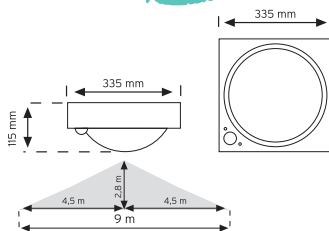
1xE27 SOCKET



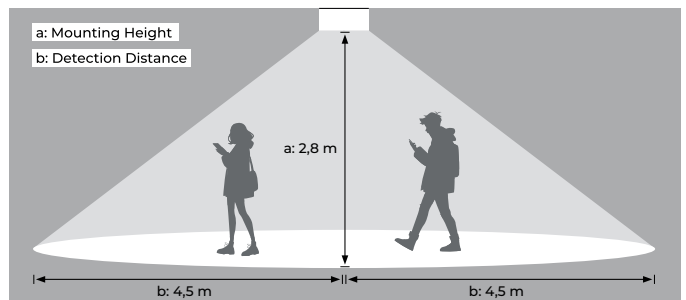
EMERGENCY LIGHTING



MADE IN TÜRKİYE



- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- LED lighting during power outage
- 2-hour emergency lighting duration
- 3 x 1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: -
- Emergency Lighting: 40lm



Operating Voltage	Lighting Load	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1xE27 Socket	3x1000mAh Ni-Cd	360°	2.8 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	8 Pieces

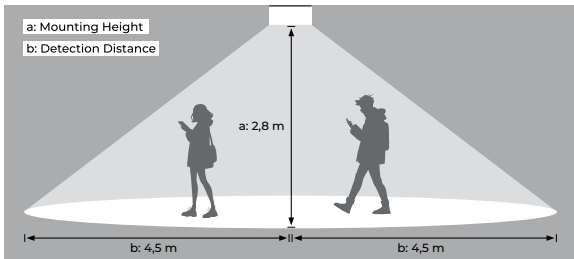


TS EN 60598-3-22
TS EN 60598-2-1



6W 10710

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 2-hour emergency lighting duration
- 3 x 1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 600lm
- Emergency Lighting: 40lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1000mAh Ni-Cd	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP44 ASSEMBLED	8 Pieces



SURFACE-MOUNTED



PIR SENSOR



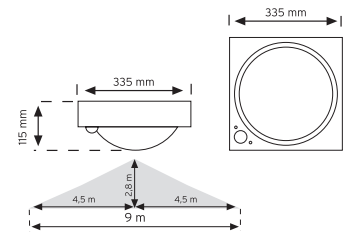
LED



EMERGENCY LIGHTING



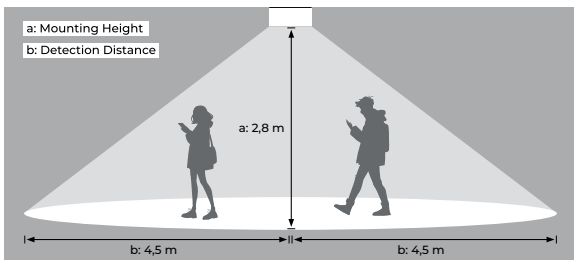
MADE IN TÜRKİYE



TS EN 60598-2-22
TS EN 60598-2-1

GRI - 6W 10710

- Class A energy consumption thanks to LED lighting
- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Polycarbonate casing and glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 2-hour emergency lighting duration
- 3 x 1000mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 600lm
- Emergency Lighting: 40lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x1000mAh Ni-Cd	Max. 9 m	2.8 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP44 ASSEMBLED	8 Pieces



SURFACE-MOUNTED



PIR SENSOR



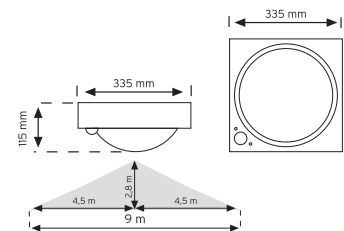
LED



EMERGENCY LIGHTING



MADE IN TÜRKİYE



TS EN 60598-2-22
TS EN 60598-2-1

10800



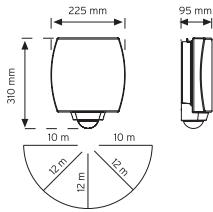
SURFACE-MOUNTED



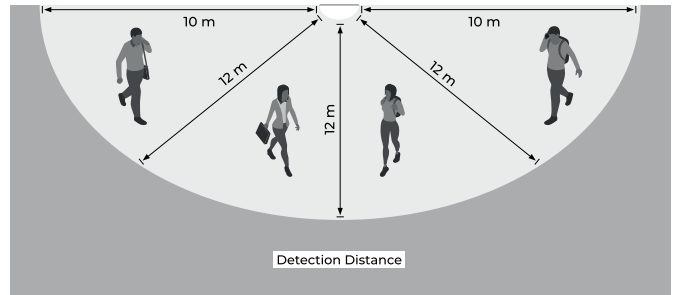
PIR SENSOR



1xE27 SOCKET



- Detection from all directions enabled by a 180° triple-eye sensor
- Eye-friendly lighting through opal glass
- Adjustable time and lux settings
- Opal glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	1xE27 Socket	180°	2.2 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP 43	8 Pieces



TS EN 60598-2-1



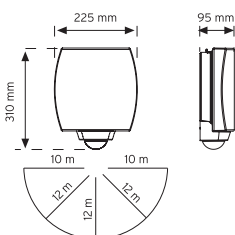
10820 8W



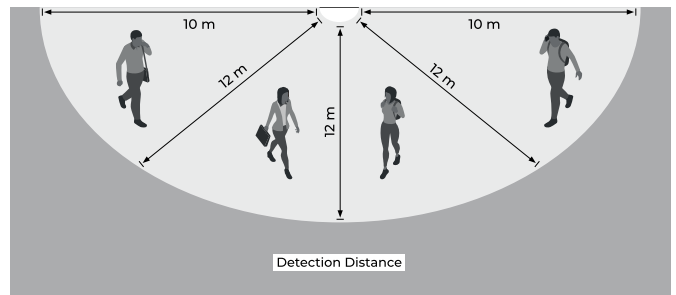
SURFACE-MOUNTED



PIR SENSOR



- Class A energy consumption thanks to LED lighting
- Detection from all directions enabled by a 180° triple-eye sensor
- Eye-friendly lighting through soft glass
- Adjustable time and lux settings
- Opal glass cover
- 3000K-4000K-6500K
- Normal Operation: 850lm



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	1xE27 Socket	180°	2.2 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP 43	8 Pieces

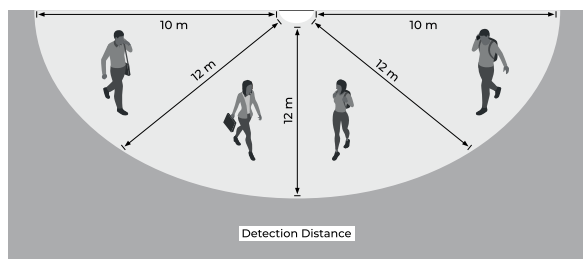


TS EN 60598-2-1



8W 10840

- Class A energy consumption thanks to LED lighting
- Detection from all directions enabled by a 180° triple-eye sensor
- Eye-friendly lighting through opal glass
- Adjustable time and lux settings
- Opal glass cover
- 3000K-4000K-6500K
- LED lighting during power outage
- 2-hour emergency lighting duration
- 3x650 mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 850lm
- Emergency Lighting: 50lm



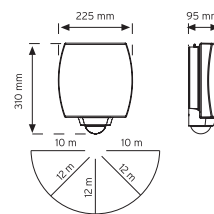
Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x650mAh Ni-Cd	3-12 m	2.2 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP 43	8 Pieces



SURFACE-MOUNTED



PIR SENSOR



SENSOR & SENSOR
LIGHTING

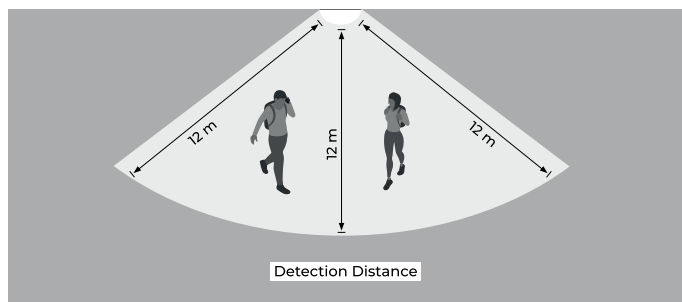


TS EN 60598-2-22
TS EN 60598-2-1



10201

- 110° sensor detection area
- Adjustable time and lux settings
- Polycarbonate diffuser
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	1xE27 Socket	3-12 m	2.2 m	10 sec - 90 sec	2000 lux	-20°C ~ +40°C	IP 44	21 Pieces



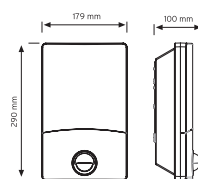
SURFACE-MOUNTED



PIR SENSOR



1xE27 SOCKET



TS EN 60598-2-1



10211 12W



SURFACE-MOUNTED



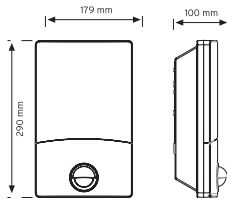
PIR SENSOR



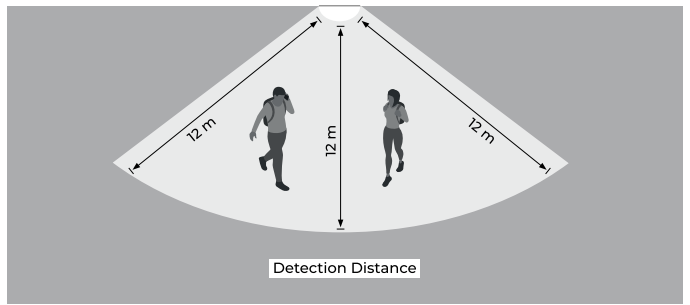
LED



MADE IN TÜRKİYE



- Class A energy consumption thanks to LED lighting
- 110° sensor detection area
- Adjustable time and lux settings
- Polycarbonate diffuser
- 3000K-4000K-6500K
- Normal Operation: 1200 lm



Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	12 m	2.2 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP 44	21 Pieces



TS EN 60598-2-1



10211.03-3H 12W



SURFACE-MOUNTED



PIR SENSOR



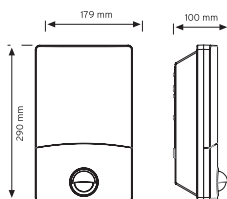
LED



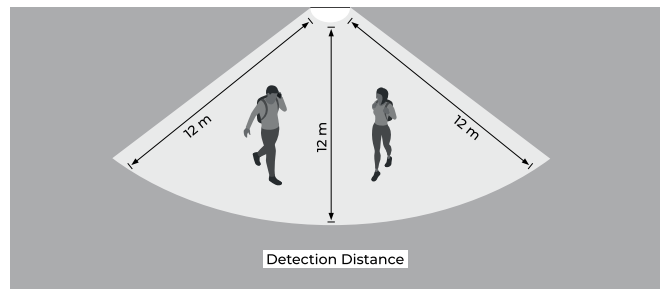
EMERGENCY LIGHTING



MADE IN TÜRKİYE



- Class A energy consumption thanks to LED lighting
- 110° sensor detection area
- Adjustable time and lux settings
- Polycarbonate diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x650 mAh Ni-Mh / Ni-Cd Battery
- Normal Operation: 1200 lm
- Emergency Lighting: 50lm



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x650mAh Ni-Cd	12 m	2.2 m	10 sec - 90 sec	2000 lux	-20°C - +40°C	IP 44	21 Pieces



TS EN 60598-2-22

TS EN 60598-2-1



12W 10206-3H

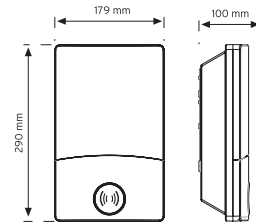
- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Polycarbonate body and opal diffuser
- 3000K-4000K-6500K
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3x1,2V 650mAh / Ni-Cd Battery
- Normal Operation: 960lm
- Emergency Lighting: 50lm



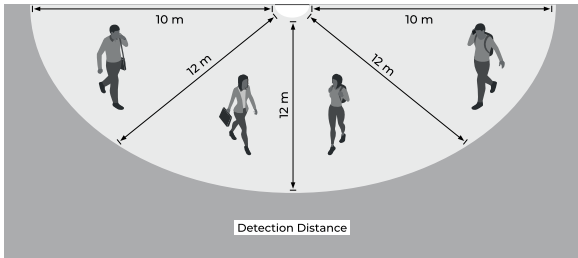
SURFACE-MOUNTED



HF SENSOR



SENSOR & SENSOR
LIGHTING



Operating Voltage	Battery Type	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	3x650mAh Ni-Cd	12 m ↔	2.2 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	21 Pieces



TS EN 60598-2-22
TS EN 60598-2-1

10203

- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Polycarbonate body and opal diffuser
- Normal Operation: -



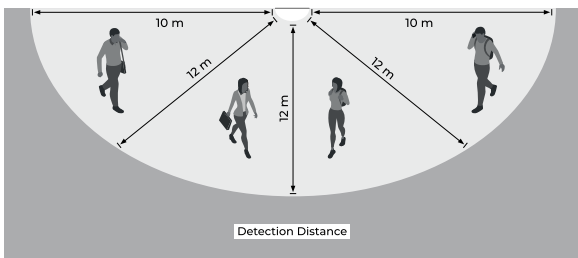
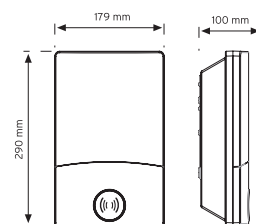
SURFACE-MOUNTED



HF SENSOR



1xE27 SOCKET

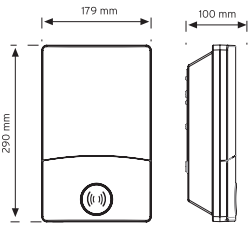


Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	1xE27 Socket	12 m ↔	2.2 m	17 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	21 Pieces

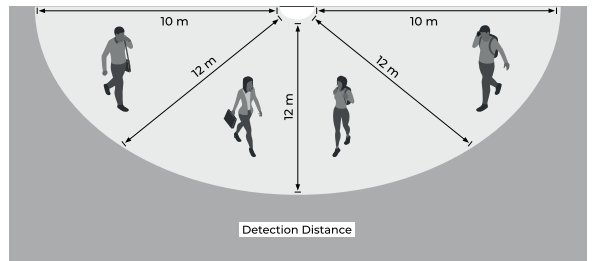


TS EN 60598-2-1

10206 12W



- Class A energy consumption thanks to LED lighting
- 360° detection through HF sensor technology
- Driver with power factor > 0.95
- Polycarbonate body and opal diffuser
- 3000K-4000K-6500K
- Normal Operation: 960lm



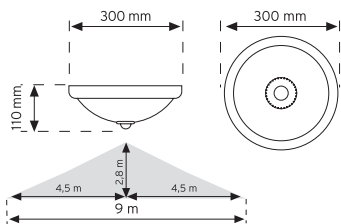
Operating Voltage	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	12 m	2.2 m	10 - 90 sec	5-10 lux	-20°C ~ +40°C	IP44 ASSEMBLED	21 Pieces



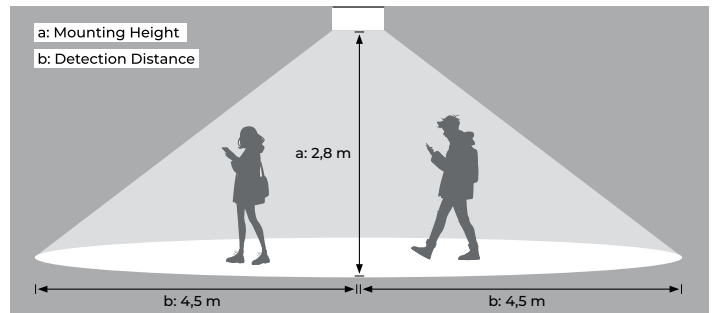
TS EN 60598-2-1



00778



- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~ 50/60Hz	1x10W E27	Max. 9 m	2.8 m	10 - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	9 Pieces



TS EN 60598-2-1



00778 KROM

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Polycarbonate body and glass cover
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V - 650 mAh / Ni-Cd Battery

- Normal Operation: -
- Emergency Lighting: 70lm



SURFACE-MOUNTED



PIR SENSOR



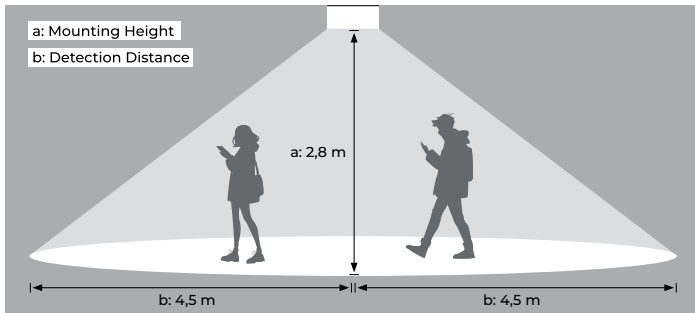
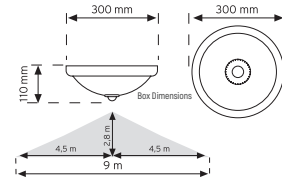
2xE27 SOCKET



EMERGENCY LIGHTING



MADE IN TÜRKİYE



Operating Voltage	Battery Type	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	2x10W E27	Max. 9 m	2.8 m	10 - 90 sec	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1/4 Pieces



TS EN 60669-2-1
TS EN 60598-2-1



ND778-03-PD

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- LED lighting during power outage
- 3-hour emergency lighting duration
- 3 x 1,2V - 650 mAh / Ni-Cd Battery

- Normal Operation: -
- Emergency Lighting: 70lm



SURFACE-MOUNTED



PIR SENSOR



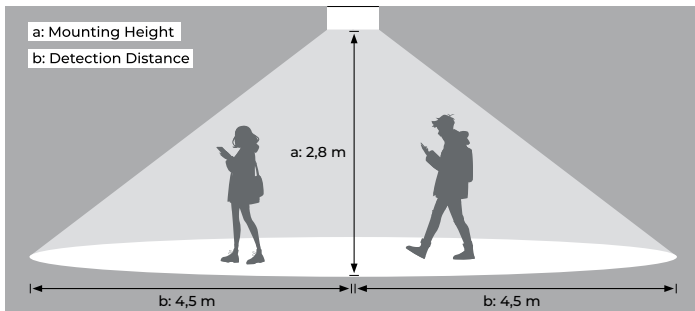
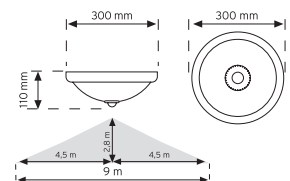
2xE27 PORCELAIN SOCKET



EMERGENCY LIGHTING



MADE IN TÜRKİYE



Operating Voltage	Battery Type	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V - 50/60Hz	3x(1.2V 650mAh Ni-Cd)	2x10W Porcelain Socket	Max. 9 m	2.8 m	10 - 90 sec	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	1/4 Pieces



TS EN 60669-2-1
TS EN 60598-2-1



ND999-01



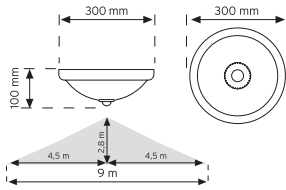
SURFACE-MOUNTED



PIR SENSOR

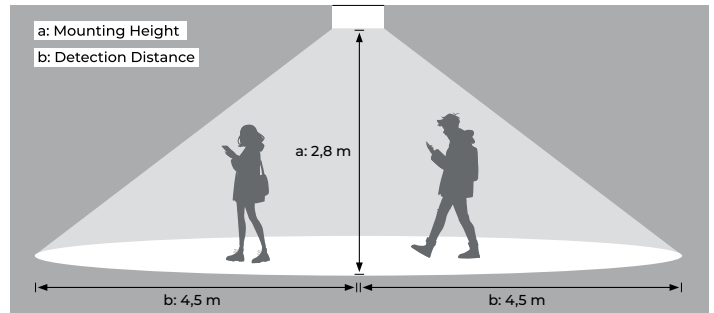


2xE27 SOCKET



sensorPLUS®

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	2x10W E27	360°	2.8 m	10 - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	9 Pieces



TS EN 60598-2-1

ND999-03-PD



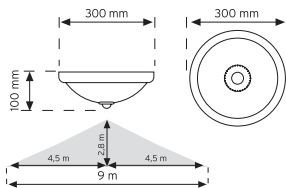
SURFACE-MOUNTED



PIR SENSOR

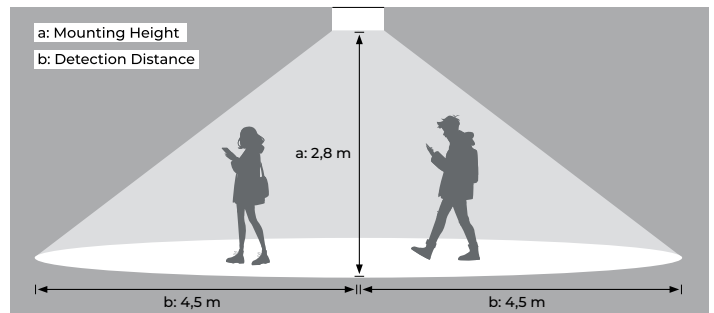


2xE27 PORCELAIN SOCKET



sensorPLUS®

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- Normal Operation: -



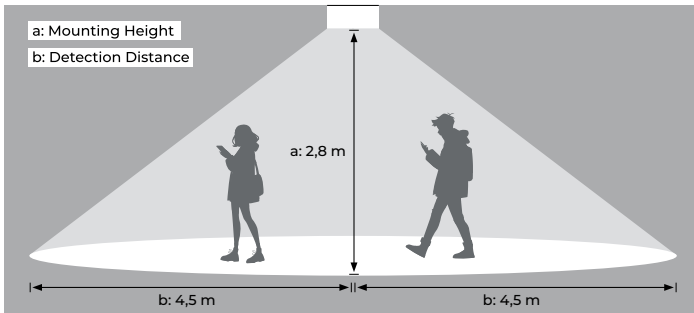
Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V ~ 50/60Hz	2x10W E27	360°	2.8 m	10 - 90 sec	2-2000 lux	-20°C ~ +40°C	IP44 ASSEMBLED	14 Pieces



TS EN 60598-2-1

sensorPLUS®

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	2x10W E27	360°	2,8 m	10 sn - 90 sn	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	14 Pieces



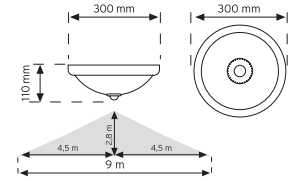
SURFACE-MOUNTED



PIR SENSOR



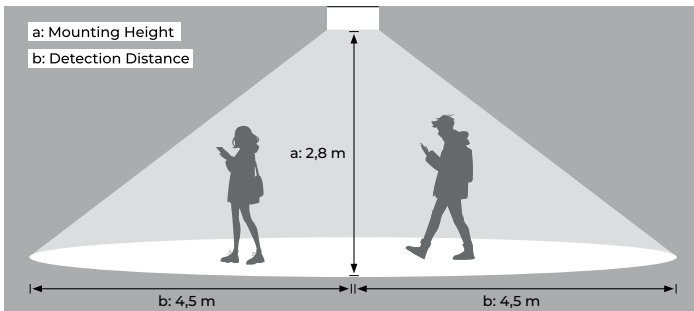
2x E27 PORCELAIN SOCKET



SENSOR & SENSOR
LIGHTING

sensorPLUS®

- Detection from every angle through the 360° motion sensor
- Eye-friendly lighting through frosted glass
- Adjustable time and lux settings
- Metal casing and glass cover
- Normal Operation: -



Operating Voltage	Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
220-240V~50/60Hz	2x10W E27	360°	2,8 m	10 sn - 90 sn	2-2000 lux	-20°C - +40°C	IP44 ASSEMBLED	14 Pieces



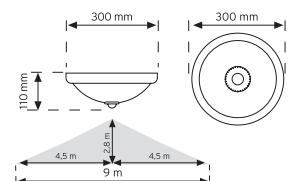
SURFACE-MOUNTED



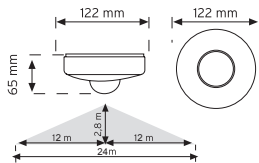
PIR SENSOR



2x E27 PORCELAIN SOCKET



10500-10520 Ceiling Type Presence Sensor



e-MOTION®

- Light remains on as long as a person is present in the area
- Detection from all directions enabled by a 360° triple-eye sensor
- Adjustable angle with 180° / 360° options
- Time, lux, and range settings with remote control
- 24-meter detection range
- Operates without being affected by ambient temperature, sensitivity variations, or interference, thanks to advanced digital signal processing (DSP) software and a powerful microprocessor
- Stable year-round operation with temperature compensation
- Light indication

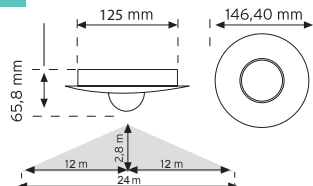
Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	360°	2.8 m	3 min - 30 min	2-2000 lux	Ø122 mm	-20°C ~ +40°C	IP 54	17 Kg 54 Pieces 71,50x62,00x33,00



TS EN 60669-2-1
TS EN 60598-2-1



10510-10521 Ceiling Type Presence Sensor



e-MOTION®

- Light remains on as long as a person is present in the area
- Detection from all directions enabled by a 360° triple-eye sensor
- Adjustable angle with 180° / 360° options
- Time, lux, and range settings with remote control
- 24-meter detection range
- Operates without being affected by ambient temperature, sensitivity variations, or interference, thanks to advanced digital signal processing (DSP) software and a powerful microprocessor
- Stable year-round operation with temperature compensation
- Light indication

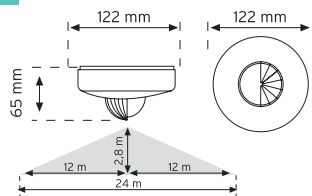
Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	360°	2.8 m	3 min - 30 min	2-2000 lux	Ø125 mm	-20°C ~ +40°C	IP 54	17 Kg 54 Pieces 71,50x62,00x33,00



TS EN 60669-2-1
TS EN 60598-2-1



10463 Ceiling Type Motion Sensor



e-MOTION®

- Detection from all directions enabled by a 360° triple-eye sensor
- Adjustable angle with 180° / 360° options
- 24-meter detection range
- Easy surface-mounted installation
- Error-free detection enabled by digital control

Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP 54	17 Kg 54 Pieces 71,50x62,00x33,00



TS EN 60669-2-1
TS EN 60598-2-1

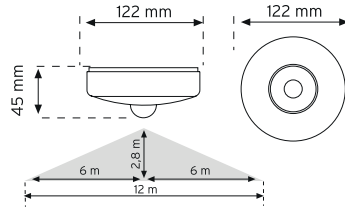


Ceiling Type Motion Sensor

10464

e-MOTION®

- 360° detection angle
- Easy surface-mounted installation
- Adjustable time, lux and distance settings
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	3-12 m	2.8 m	10 sec - 5 min	2-2000 lux	-20°C - +40°C	IP 54	11 Kg 12 Pieces 71,50x62,00x33,00

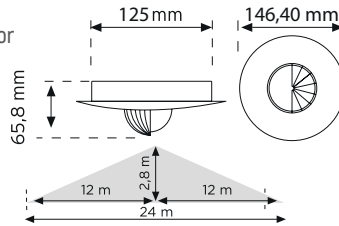


Ceiling Type Motion Sensor

10465

e-MOTION®

- Detection from all directions enabled by a 360° triple-eye sensor
- Adjustable angle with 180° / 360° options
- Easy flush-mounted installation
- Adjustable time, lux and distance settings
- 24-meter detection range
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	6-24 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø130 mm	-20°C - +40°C	IP 54	11 Kg 12 Pieces 71,50x62,00x33,00

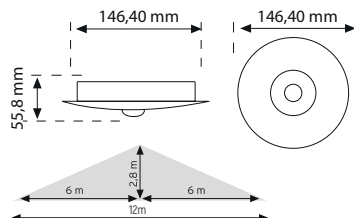


Ceiling Type Motion Sensor

10466

e-MOTION®

- 360° detection angle
- Easy surface-mounted installation
- Adjustable time, lux and distance settings
- Error-free detection enabled by digital control

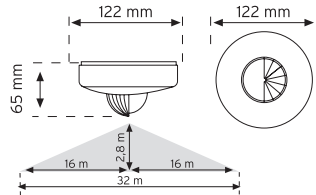


Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	3-12 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø125 mm	-20°C - +40°C	IP 54	11 Kg 12 Pieces 71,50x62,00x33,00



10467

Ceiling Type Motion Sensor



e-MOTION®

- Dual-lens, corridor type sensor
- Easy surface-mounted installation
- Adjustable time, lux and distance settings
- 32-meter detection range
- Error-free detection enabled by digital control

Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	360° 6 - 32 m	2.8 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP 54	17 Kg 54 Pieces 71,50x62,00x33,00

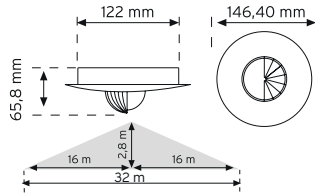


TS EN 60669-2-1
TS EN 60598-2-1



10468

Ceiling Type Motion Sensor



e-MOTION®

- Dual-lens, corridor type sensor
- Easy surface-mounted installation
- Adjustable time, lux and distance settings
- 32-meter detection range
- Error-free detection enabled by digital control

Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	360° 6 - 32 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø125 mm	-20°C ~ +40°C	IP 54	17 Kg 42 Pieces 71,50x62,00x33,00

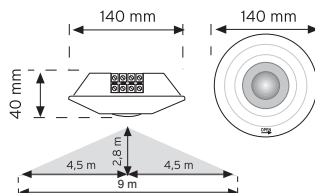


TS EN 60669-2-1
TS EN 60598-2-1



10359

Ceiling Type Motion Sensor



- 360° detection angle
- Easy surface-mounted installation
- Adjustable time, lux and distance settings

Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	1000 W / 400 W	6x58 W	360° max. 9 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø125 mm	-20°C ~ +40°C	IP 20	8 Kg 23 Pieces 44,50x30,00x30,00



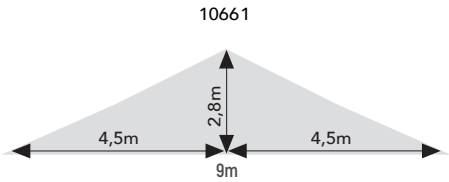
TS EN 60669-2-1
TS EN 60598-2-1



Ceiling Type Motion Sensor

10661

- Detects movement from every angle with single-lens sensor technology
- Both surface and flush-mounted installation
- Adjustable time, lux and distance settings
- 9-meter detection range
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V - 50/60Hz	2000 W / 800 W	6x58 W	3 - 9 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø88 mm	-20°C - +40°C	IP 40 / 54	17 Kg / 72 Pieces



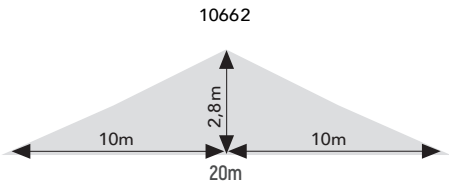
TS EN 60669-2-1
TS EN 60598-2-1



Ceiling Type Motion Sensor

10662

- Dual-lens, corridor type sensor
- 360° detection angle
- Both surface and flush-mounted installation
- 20-meter detection range
- Adjustable time, lux and distance settings



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V - 50/60Hz	2000 W / 800 W	6x58 W	5 - 20 m	2.8 m	10 sec - 5 min	2-2000 lux	Ø88 mm	-20°C - +40°C	IP 40 / 54	17 Kg / 72 Pieces



TS EN 60669-2-1
TS EN 60598-2-1

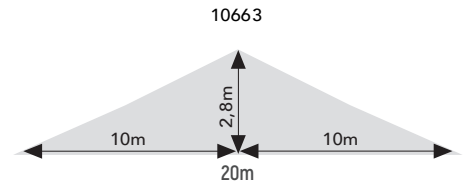


10663

Ceiling Type Motion Sensor



- Detection from all directions enabled by a 360° triple-eye sensor
- Adjustable time, lux and distance settings
- 20-meter detection range
- Easy surface and flush-mounted installation
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	5-20 m	2.8 m	10 sec ~ 5 min	2-2000 lux	Ø88 mm	-20°C ~ +40°C	IP 40 / 54	11 Kg 71,50x62,00x33,00



TS EN 60669-2-1
TS EN 60598-2-1

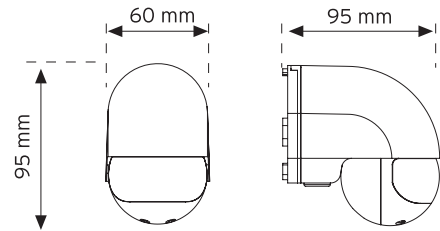


10180

Wall Type Motion Sensor



- Adjustable sensor 120° left-right and 30° up-down
- Adjustable time and lux settings
- 180° detection angle
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	2000 W / 800 W	6x58 W	5-20 m	2.2 m	10 sec ~ 5 min	2-2000 lux	-20°C ~ +40°C	IP 44	7 Kg 71,50x62,00x33,00



TS EN 60669-2-1
TS EN 60598-2-1



Ceiling Type Motion Sensor

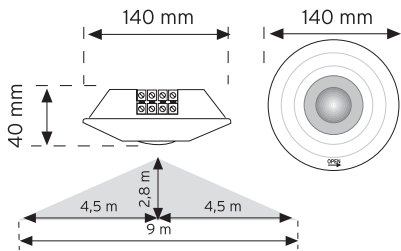
10360

e-MOTION®

- 360° detection angle
- Easy surface-mounted installation
- Adjustable time and lux settings
- Error-free detection enabled by digital control



SURFACE-MOUNTED



SENSOR & SENSOR
LIGHTING

Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	1000 W / 400 W	6x58 W	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C - +40°C	IP 20	8 kg 44,50x30,00x31,00



TS EN 60669-2-1
TS EN 60598-2-1



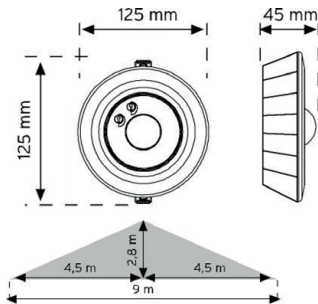
Ceiling Type Motion Sensor

10361

- 360° detection angle
- Easy surface-mounted installation
- Adjustable time and lux settings
- Error-free detection enabled by digital control



SURFACE-MOUNTED



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	1000 W / 400 W	6x58 W	360°	2.8 m	10 sec - 5 min	2-2000 lux	-20°C - +40°C	IP 20	8 kg 44,50x30,00x31,00



TS EN 60669-2-1
TS EN 60598-2-1



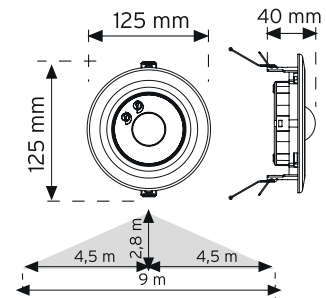
10362

Ceiling Type Motion Sensor



e-MOTION®

- 360° detection angle
- Easy surface-mounted installation
- Adjustable time and lux settings
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	1000 W / 400 W	6x58 W	max. 9 m ↔	2.8 m	10 sec ~ 5 min	2-2000 lux	Ø110 mm	-20°C ~ +40°C	IP 20	4.1 kg 47,50x28,00x27,50



TS EN 60669-2-1
TS EN 60598-2-1



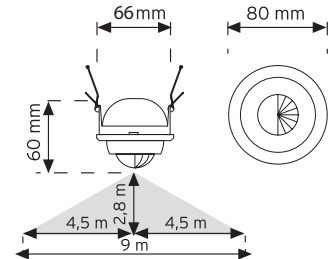
10365

Spot Type Motion Sensor



e-MOTION®

- Detection from every angle through the 360° motion sensor
- Adjustable sensor 30° left-right
- Easy flush-mounted installation
- Adjustable time and lux settings
- Adjustable angle from 30° to 360° with angle adjustment accessory
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~50/60Hz	1000 W / 400 W	6x58 W	max. 9 m ↔	2.8 m	10 sec ~ 6 min	2-2000 lux	Ø72 mm	-20°C ~ +40°C	IP 54	4.1 kg 47,50x28,00x27,50



TS EN 60669-2-1
TS EN 60598-2-1

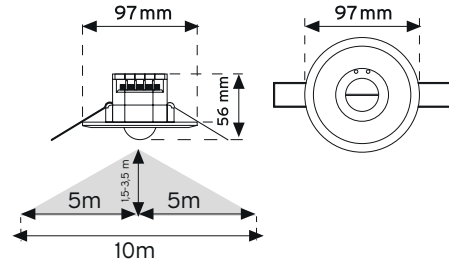


Ceiling Type HF Sensor

10366

e-MOTION®

- 360° detection through HF sensor technology
- Detection through walls, drywall, and glass
- Easy flush-mounted installation
- Adjustable time, lux and distance settings



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Cutout Diameter	Operating Temp.	Protection Class	Box Dimensions
230-240V~ 50/60Hz	1000 W / 400 W	6x58 W	2-10 m ↔	1.5 m - 3.5 m	10 sec - 30 min	10-500 lux	Ø80 mm	-20°C ~ +40°C	IP 20	17 Kg 60 Pieces



TS EN 60669-2-1
TS EN 60598-2-1



FLUSH-MOUNTED



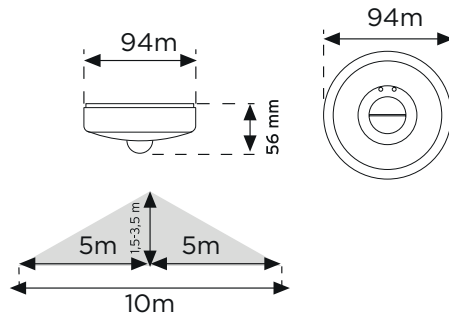
SENSOR & SENSOR
LIGHTING

Ceiling Type HF Sensor

10367

e-MOTION®

- 360° detection through HF sensor technology
- Detection through walls, drywall, and glass
- Easy flush-mounted installation
- Adjustable time, lux and distance settings



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~ 50/60Hz	1200 W / 600 W	6x58 W	1-10 m ↔	1.5 m - 3.5 m	10 sec - 30 min	2-2000 lux	-20°C ~ +40°C	IP 20	11 Kg 10 Pieces



TS EN 60669-2-1
TS EN 60598-2-1



SURFACE-MOUNTED

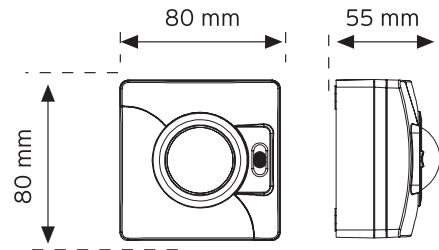


10100 Switch Type Motion Sensor



e-MOTION®

- AUTO and ON/OFF mode options with 3-position switch
- Easy surface-mounted installation
- Suitable for ceiling and wall mounting
- Adjustable time and lux settings
- 360° detection angle on ceiling, 180° on wall
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~ 50/60Hz	1000 W / 400 W	6x58 W	9 - 8 m	2.8 m / 1-2 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP 20	74g 48 Pieces 34,50x27,50x27,00



TS EN 60669-2-1
TS EN 60598-2-1

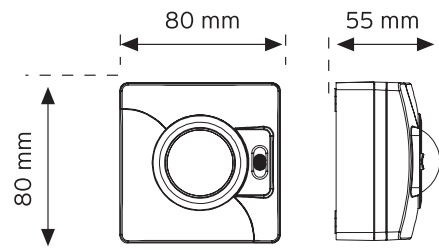


10100 GRAY Switch Type Motion Sensor



e-MOTION®

- AUTO and ON/OFF mode options with 3-position switch
- Easy surface-mounted installation
- Suitable for ceiling and wall mounting
- Adjustable time and lux settings
- 360° detection angle on ceiling, 180° on wall
- Error-free detection enabled by digital control



Operating Voltage	Lighting Load	LED Lighting Load	Detection Range	Detection Height	Time Adjustment	Daylight Adjustment	Operating Temp.	Protection Class	Box Dimensions
230-240V~ 50/60Hz	1000 W / 400 W	6x58 W	9 - 8 m	2.8 m / 1-2 m	10 sec - 5 min	2-2000 lux	-20°C ~ +40°C	IP 20	74g 48 Pieces 34,50x27,50x27,00



TS EN 60669-2-1
TS EN 60598-2-1



VIDEO & AUDIO INTERCOM SYSTEMS

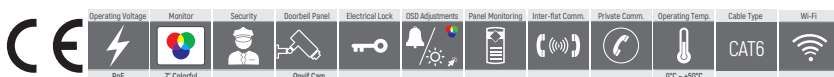
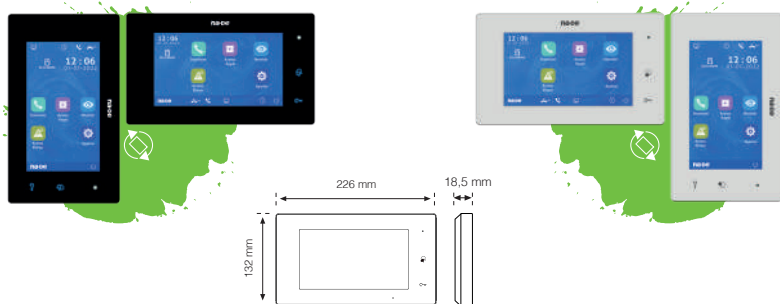
VIDEO & AUDIO
INTERCOM SYSTEMS



na·De®

ND 470 - ND 470 S

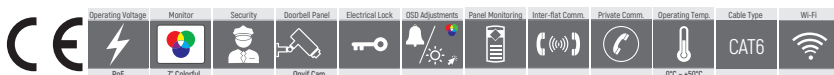
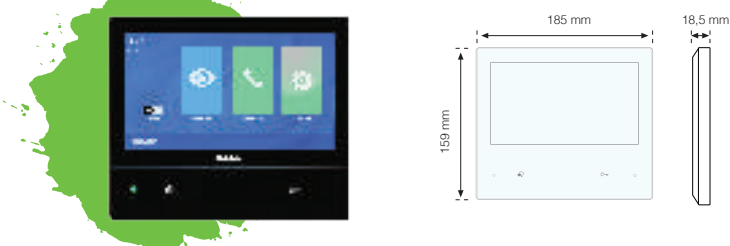
7" Color Video Intercom with Glass Front
Panel Rotatable Screen



- 7" IPS TFT screen (1024*600)
- Ultra-thin glass front panel
- Built-in call and security unit intercom
- Call forwarding to smartphone app via SIP
- Ability to save call history with pictures and videos
- Compatible with widely used IP cameras in the industry (ONVIF support)
- RF-ID card management and password management
- Alarm input (Max. 4 security zones, customizable)
- Elevator control function
- Ability to display four screens simultaneously in monitor mode
- Ability to view both the doorbell panel and IP camera simultaneously in call mode
- Horizontal and vertical mounting options
- Supports online updates
- Multi-language support (customizable)
- Available in black and white color options
- Dimensions: 226mm*132mm*18mm

ND 482 SE S.

7" Color Video Intercom - Economical Serie



- 7" TFT screen (1024*600)
- Ultra-thin glass front panel
- Built-in call and security unit intercom
- Call forwarding to smartphone app via SIP
- Ability to save call history with pictures and videos
- Compatible with widely used IP cameras in the industry (ONVIF support)
- RF-ID card management and password management
- Alarm input (Max. 4 security zones, customizable)
- Elevator control function
- Supports online updates
- Multi-language support (customizable)
- Available in black and white color options
- Dimensions: 185mm*159mm*18.5mm

ND 471 - ND 471S

IP 7" Color Video Intercom



ND 471S product supports wireless connectivity via Wi-Fi.



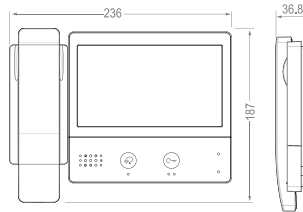
ND 471S & ND471

- 7" Touchscreen High-Resolution LCD Display
- One-touch access to favorite functions from the main screen
- Adjustable brightness, contrast, color, and volume
- Door lock control
- Hands-free communication
- "Do Not Disturb" feature
- Ability to save call history with pictures or videos
- Supports up to 32 GB memory card
- Unlimited intercom communication between units
- Communication with security personnel
- Option to connect additional monitors
- Call forwarding to smartphone application
- Supports IP cameras (ONVIF compatible)
- Alarm input (Max. 4 security zones, customizable)
- Elevator control function
- Multi-language support (customizable)
- Dimensions: 174mm × 161mm × 22mm

GU 471

SECURITY GUARD UNIT

- 7" touchscreen display
- Call forwarding to a smartphone if unanswered
- Ability to assign unique ringtones for each caller
- Quick access to favorite functions on the home screen with one-touch operation
- Handset or hands-free communication
- Ability to save call history with pictures or videos
- Assign an ONVIF-compatible camera as your own camera
- Receive video feed from an ONVIF-compatible camera while on the network
- Alternative usage options with wall mount or desktop placement



Operating Voltage	Monitor	Security	Doorbell Panel	Electrical Lock	OSD Adjustments	Panel Monitoring	Inter-Flat Comm.	Private Comm.	Operating Temp.	Cable Type	Wi-Fi
PoE	7" Colorful	Security	Onvif Cam	Key	OSD Adjustments	Panel Monitoring	Inter-Flat Comm.	Private Comm.	0°C ~ +50°C	CAT6	Wi-Fi

ND DJ4A

PARALLEL HANDSET

- Call answering
- Door unlocking



Operating Voltage	Electrical Lock	Private Comm.	Operating Temp.
PoE	Key	Private Comm.	0°C ~ +50°C

ND 610

VILLA DOORBELL PANEL

- Aluminum surface
- Surface-mounted
- Fish-eye 170° wide-angle camera
- IP54 rating outdoor use



Operating Voltage	Camera	Electrical Lock	Private Comm.	Operating Temp.	Cable Type
PoE	170° Fisheye	Key	Private Comm.	0°C ~ +50°C	CAT6

ND 850

5" Doorbell Panel with Touchscreen



- 5" TFT touchscreen display
- Fingerprint-resistant stainless steel surface
- Surface-mounted and flush-mounted installation options
- 170° wide-angle fisheye camera
- RF-ID card reader or password entry options
- Easy dialing with the directory feature
- Communication with security points
- Menu for updating without entering the apartment
- IP65 protection rating

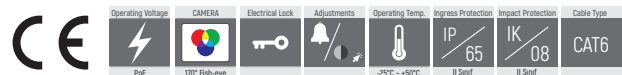


ND 821

Modular Doorbell Panel



- Customizable designs with modular outdoor unit
- Surface-mounted and flush-mounted installation options
- 170° wide-angle fisheye camera
- RF-ID card reader, classic apartment button, or password entry options
- Communication with security points





X5 TECH CM0420

SWITCH

- Cascade connection capability on horizontal distributors
- 4 panel inputs
- 4*10/100MPOE + 2*100 Mbps Uplink



X5 TECH CM0820

SWITCH

- 8 panel inputs
- 8*10/100MPOE + 2*100 Mbps Uplink



X5 TECH CM0820G

SWITCH

- 8*10/100MPOE + 2*1000 Mbps Uplink
- 120 Watt total power
- Plug-and-play



ND 821 VM

CAMERA MODULE



ND 821 -MD

MECHANICAL BUTTON MODULE



ND 821-NO

DOT-TYPE SCREEN & CARD READER MODULE



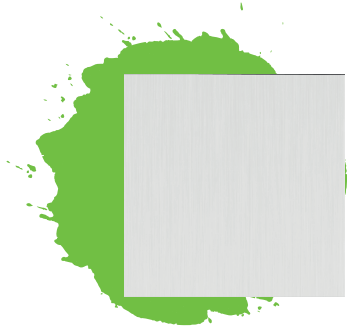
ND 821-54

4- BUTTON MODULE



ND 821 BB

EMPTY BLOCK



ND 821- BT

SINGLE BUTTON COVER



ND – LIFT

LIFT CONTROL MODULE (14 Relays)



ND – RLC

RELAY CONTROL MODULE



ND – 821F/2x1

2- MODULE FRAME



ND – 821F/3x1

3- MODULE FRAME



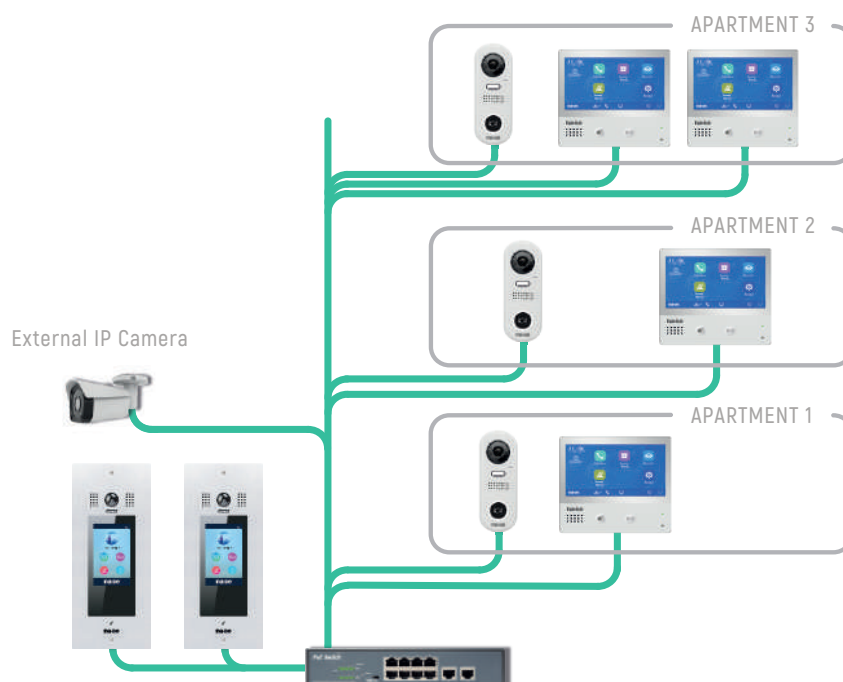
IP SYSTEM CONNECTION DIAGRAM

VILLA-TYPE CONNECTION PRINCIPLE DIAGRAM



IP SYSTEM CONNECTION DIAGRAM

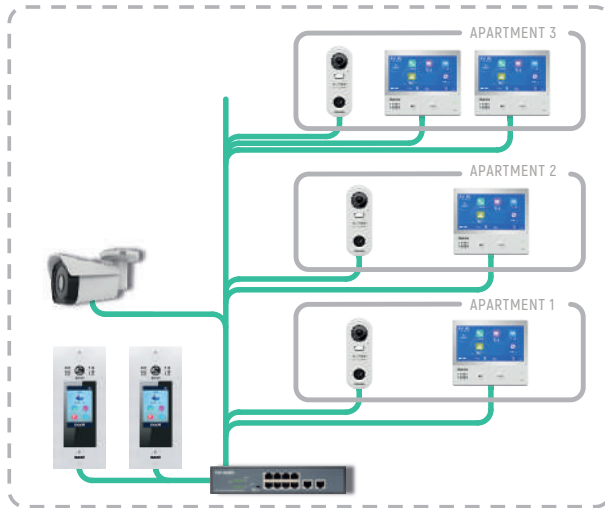
SINGLE BUILD TYPE CONNECTION PRINCIPLE DIAGRAM



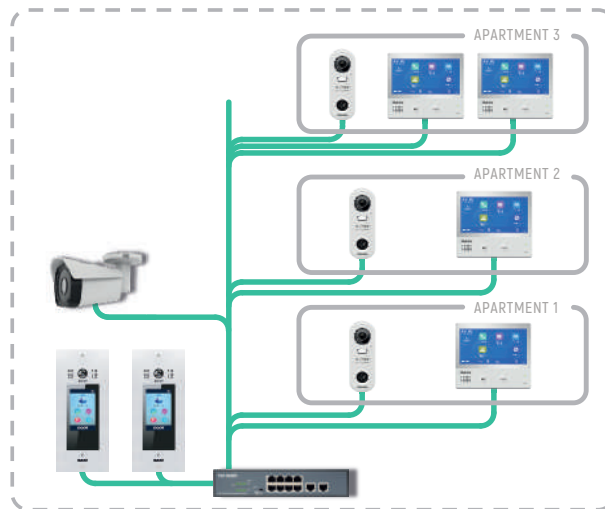
IP SYSTEM CONNECTION DIAGRAM

MULTIPLE BUILDING TYPE CONNECTION PRINCIPLE DIAGRAM

BUILDING 1



BUILDING 2



SECURITY



na·De®

VIDEO & AUDIO
INTERCOM SYSTEMS

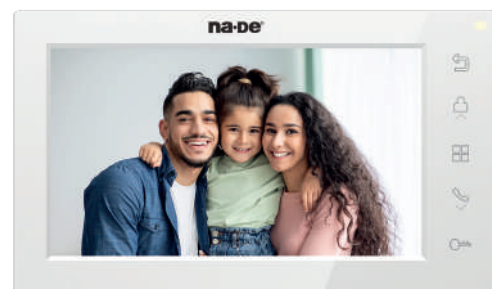
VIDEO & AUDIO
INTERCOM SYSTEMS



V-8

INTERCOM
SYSTEMS

na-de[®]

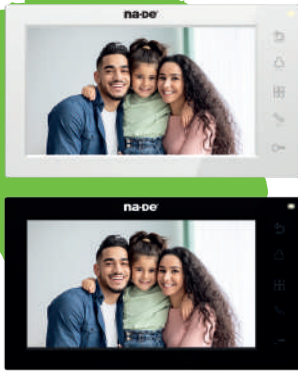


VIDEO & AUDIO
INTERCOM SYSTEMS

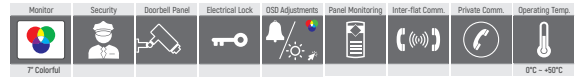
M3807ADT-8. & M3807ADT-8 S.

7" COLOR VIDEO INTERCOM

NEW



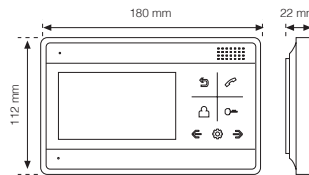
- Black - White color options
- User-friendly and easy to use
- Touch-sensitive buttons
- Ability to communicate with the security center
- Intercom communication between apartments
- Support for 1 slave monitor for duplex apartments
- Real-time CCTV camera monitoring
- Adjustable brightness, contrast, volume, screen mode, and color
- "Do Not Disturb" function
- Door lock release function



M2604ADT-8 E. & M2604ADT-8 SE.

4,3" COLOR VIDEO INTERCOM

NEW

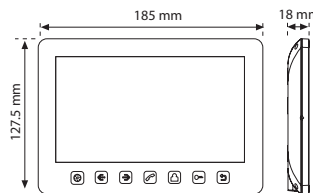
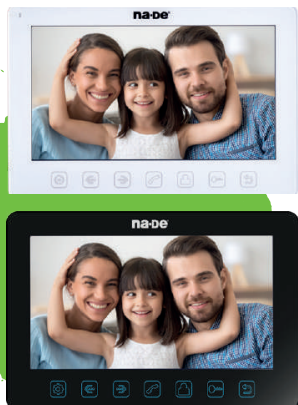


- Black and White color options
- User-friendly and easy to operate
- Touch-sensitive buttons
- Ability to communicate with the security center
- Intercom communication between apartments
- Support for 1 slave monitor for duplex apartments
- Real-time CCTV camera monitoring
- Adjustable brightness, contrast, volume, screen mode, and color
- "Do Not Disturb" function
- Door lock release function



M2307ADT-8 & M2307ADT-8 S

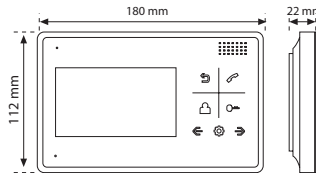
7" COLOR VIDEO INTERCOM



- 7" high-resolution LCD display
- Touch buttons with fast detection feature
- Hands-free communication
- User-friendly interface
- Ability to communicate between apartments
- Door lock control
- View external door and any desired CCTV camera
- Adjustable brightness, contrast, color, and sound
- Ability to communicate with security
- Do-not-disturb feature
- 12 polyphonic ringtone options
- Advanced OSD menu
- Optional different language selections
- Available in white and black color options

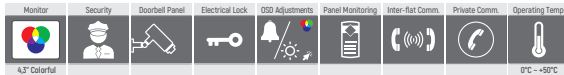
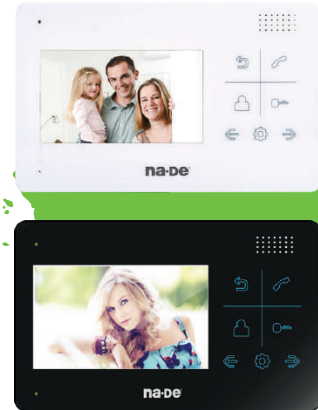


- 4.3" High-Resolution LCD Display
- Touch-sensitive buttons with quick response
- Hands-free communication
- User-friendly interface
- Intercom communication between apartments
- Door lock control
- Live view of outdoor panel and optional CCTV camera
- Adjustable brightness, contrast, color, and volume
- Ability to communicate with security personnel
- "Do Not Disturb" function
- 25 polyphonic ringtone options
- Advanced OSD (On-Screen Display) menu
- Optional multi-language support
- Available in black and white color options



M2804ADT-8 & M2804ADT-8 S

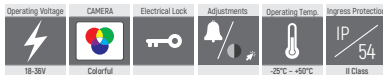
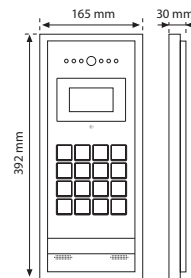
4,3" COLOR VIDEO INTERCOM



D28AC & D28AC S

DOORBELL PANEL with DIGITAL CAMERA

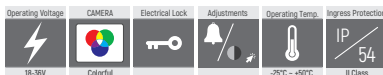
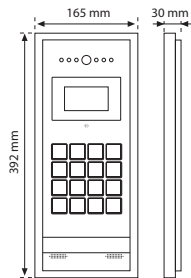
- Easy-to-use graphic display
- Backlit buttons
- Aluminum alloy die-cast panel
- Name registration and custom password creation for all apartments
- Communication with security, social facilities, and door
- Communication with apartments in other buildings
- Available in light and dark color options



D28BC & D28BC S

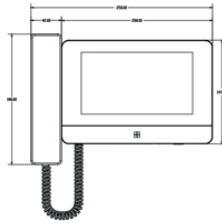
DOORBELL PANEL with DIGITAL CAMERA & RF-ID CARD

- Screen with card reader feature for password and card-based access
- Easy-to-use graphic display
- Backlit buttons
- Aluminum alloy die-cast panel
- Name registration and custom password creation for all apartments
- Communication with security, social facilities, and door
- Communication with apartments in other buildings
- Available in light and dark color options

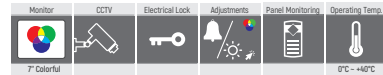


M1607BCR

SECURITY PHONE



- Lock control
- Silent mode
- Adjustable color, brightness, contrast, and volume
- Different ringtones can be set for different times
- User can set an MP3 file as the ringtone
- Real-time monitoring of door station or CCTV cameras
- Supports photo capture, audio, and video recording
- Automatic photo capture or video recording when called by door station
- DVR function
- Dimensions: 250×180×27 mm (with handset), 208×142×22.5 mm (hands-free)



NV08

DISTRIBUTOR

NEW



- 3 line outputs, each supporting up to 50 apartments (under suitable conditions)
- Total capacity of up to 100 apartments (under suitable conditions)
- 1 panel input



NV03

DISTRIBUTOR



- 6 line outputs, each supporting up to 50 apartments (under suitable conditions)
- Total capacity of up to 200 apartments (under suitable conditions)
- 2 CCTV inputs
- Security phone connection input
- 2 panel inputs



TBS-PW5A

POWER SUPPLY

■ Output power: 24V 5A



V-8 System Description

**** Additional installation products in the V-8 system should be provided according to the following descriptions.**

The cabling infrastructure of the V-8 system is recommended to be from apartment to apartment.
If a shaft system is to be used, a maximum of 12 apartments should be connected to a single column line.

The doorman's phone may vary depending on preference.

The distance between the M1607BCR security phone and the distributor should be no more than 100 meters.

The cable to be used for the security phone must be CAT6.

When a security phone is added, an RJ-45 connection socket must be used.

As the number of blocks increases, NH01 horizontal distributors should be used accordingly.

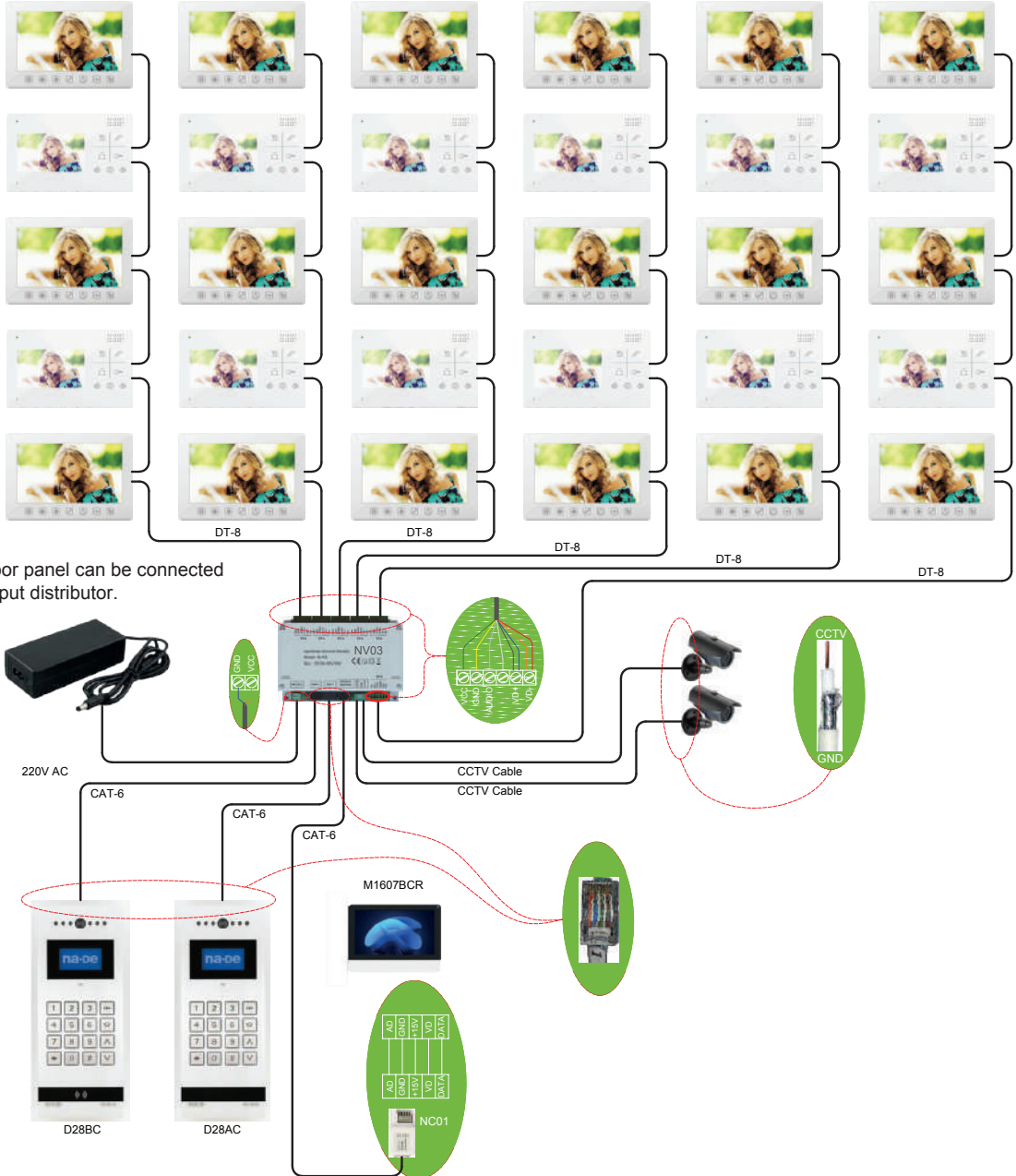
The power supply capacity is provided in the table below.

When the capacity is exceeded, an additional TBS-PW5A product should be included.

CABLE TYPE	MAX MONITOR
DT8 - CAT6	20 Monitor

V-8 SYSTEM CONNECTION DIAGRAM

Switches of the last units should be set to the 'ON' position.

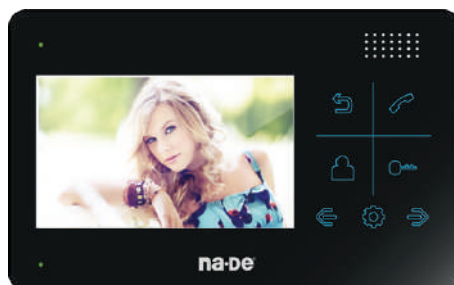
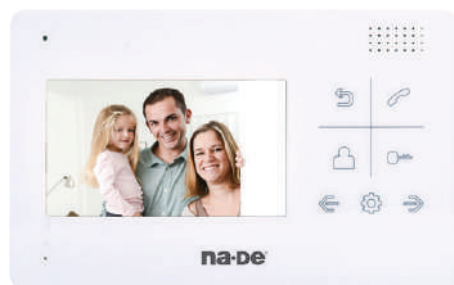


One external door panel can be connected to the NV08 output distributor.

V-BUS9

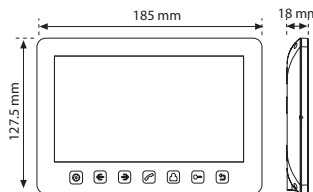
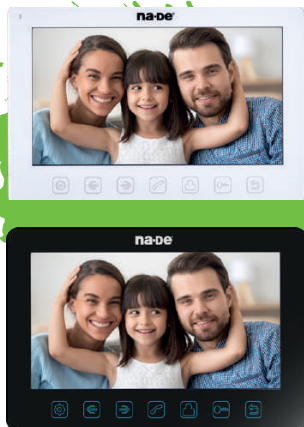
INTERCOM
SYSTEMS

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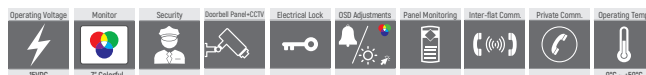


VIDEO & AUDIO
INTERCOM SYSTEMS

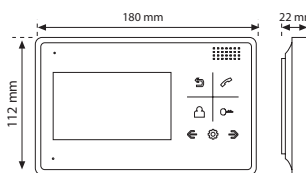
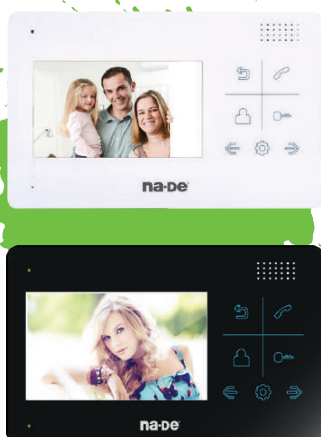
M2307ADT & M2307ADT S 7" COLOR VIDEO INTERCOM



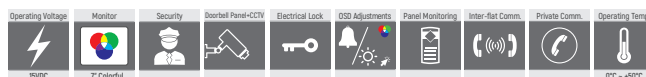
- 7" high-resolution LCD screen
- Touch buttons with fast detection feature
- Handsfree communication
- User-friendly interface
- Ability to communicate between apartments
- Door lock control
- View external door and any desired CCTV camera
- Adjustable brightness, contrast, color, and sound
- Ability to communicate with security
- Do-not-disturb feature
- Option to connect an additional monitor
- 12 polyphonic ringtone options
- Advanced OSD menu
- Optional different language selections
- Available in white and black color options



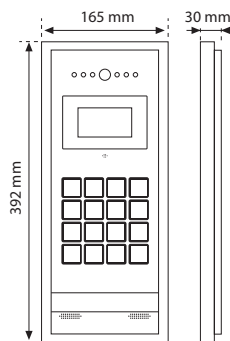
M2804ADT & M2804ADT S 4,3" COLOR VIDEO INTERCOM



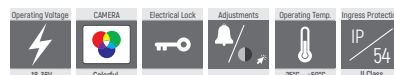
- 4.3" high-resolution LCD screen
- Touch buttons with fast detection feature
- Handsfree communication
- User-friendly interface
- Ability to communicate between apartments
- Door lock control
- View external door and any desired CCTV camera
- Adjustable brightness, contrast, color, and sound
- Ability to communicate with security
- Do-not-disturb feature
- Option to connect an additional monitor
- 25 polyphonic ringtone options
- Advanced OSD menu
- Optional different language selections
- Available in white and black color options



D28AC & D28AC S DOORBELL PANEL with DIGITAL CAMERA



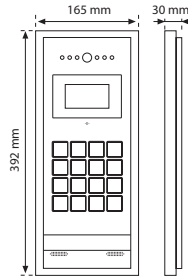
- Easy operation with graphic display
- Backlit buttons
- Aluminum alloy cast panel
- Name registration and creation of custom passwords for all apartments
- Communication with security, social facilities, and the concierge
- Ability to communicate with apartments in other buildings
- Available in light and dark color options



D28BC & D28BC S

DOORBELL PANEL with DIGITAL CAMERA & RF-ID CARD

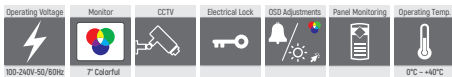
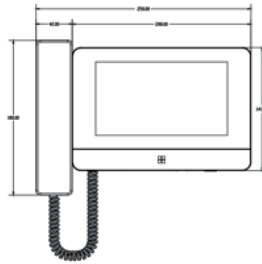
- Screen with password and card access via card reader feature
- Easy operation with graphic display
- Backlit buttons
- Aluminum alloy cast panel
- Name registration and creation of custom passwords for all apartments
- Communication with security, social facilities, and the concierge
- Ability to communicate with apartments in other buildings
- Available in light and dark color options



M1607BCR

SECURITY UNIT

- Lock control
- Silent mode
- Adjustable color, brightness, contrast, and sound
- Different ringtones can be set for different times
- User's MP3 file can be set as a ringtone
- Real-time monitoring of door station or CCTV cameras
- Support for capturing images and recording audio and video
- Automatic photo capture or recording when called by the door station
- DVR function
- Dimensions: 250*180*27mm (with handset), 208*142*22.5mm (without handset)
- Color: Black



NH01

HORIZONTAL DISTRIBUTOR



- Cascade connection in horizontal distributors
- 2 panel inputs



NH02

HORIZONTAL DISTRIBUTOR

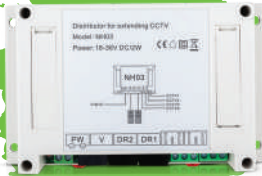


- 4 Panel inputs



NH03

HORIZONTAL DISTRIBUTOR



- 4 CCTV support
- 2 panel support (8 panels with NH02)
- Ability to convert and distribute network signals



NV01

VERTICAL DISTRIBUTOR



- Supports the use of 4 monitors
- Can be cascaded with vertical distributors



RF-ID

RF-ID CARD & RF-ID KEY



- Compatible with RF-ID card systems.

NC01

RJ45 CONNECTION SOCKET



- It enables the connection of security phone and V-BUS9 monitors to distributor.

PW01.1

POWER SUPPLY



- Output Power: 90W
- Output Voltage: 36V/2A (Peak 2.5A)
- Battery Charging Output: 27.6V/0.5A



V-BUS9 DESCRIPTION

****The wiring of the V-BUS9 system should be shaft-based.**

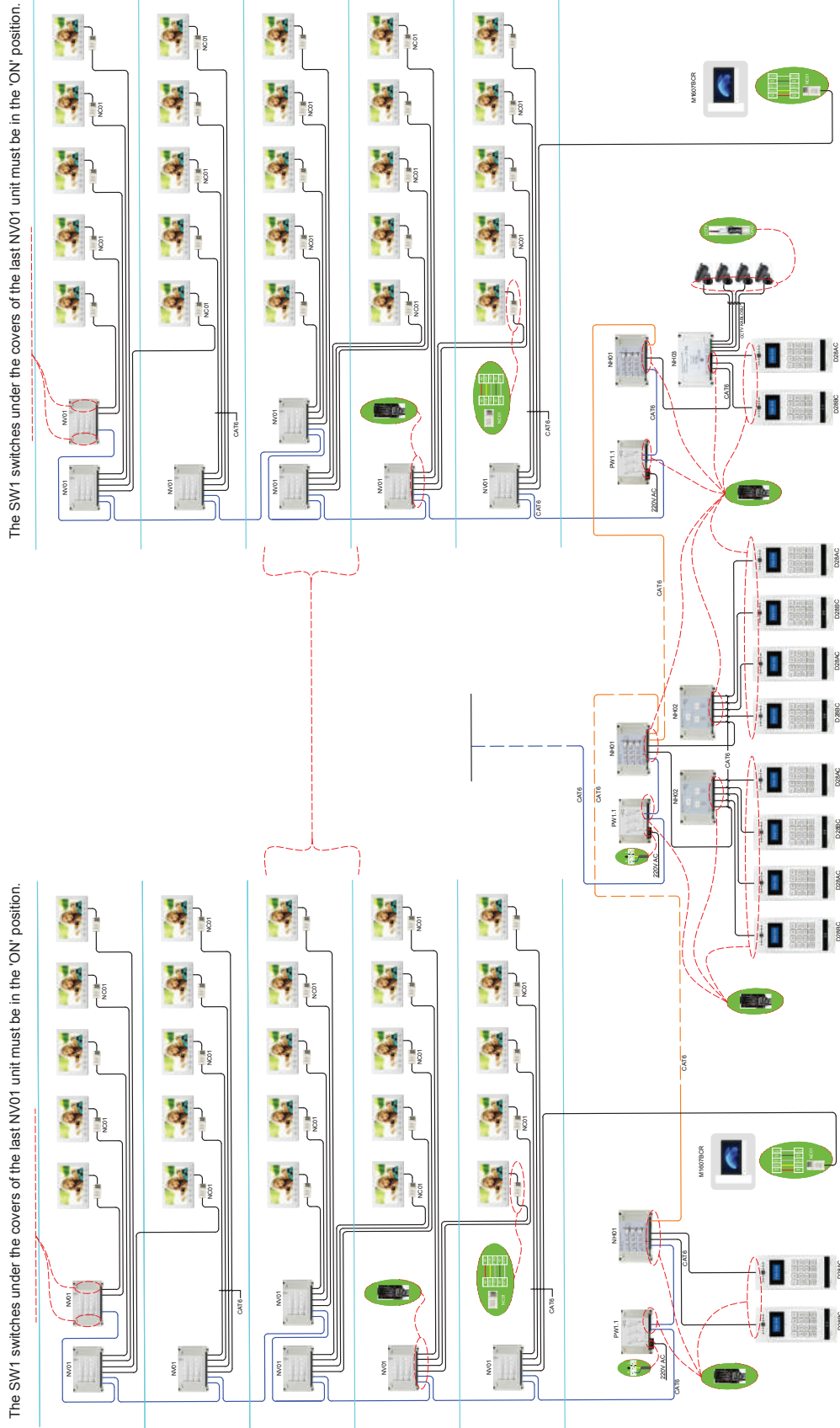
- The concierge phone may vary depending on preference (M2307ADT - M280ADT).
- The cable used for the security phone should be CAT6.
- When the M1607BCR security phone is added, an RJ-45 connection socket, NV01 vertical distributor, PW01.1 power supply, and NH01 distributor should be used.
- As the number of blocks increases, NH01 horizontal distributors should be added accordingly.

PW01.1 Power Supply Difference

- The power supply capacity is provided in the table below.
- If the capacity is exceeded, the PW01.1 product should be added additionally.

CABLE TYPE	MAX MONITOR
CAT5 - CAT6	20 Monitor

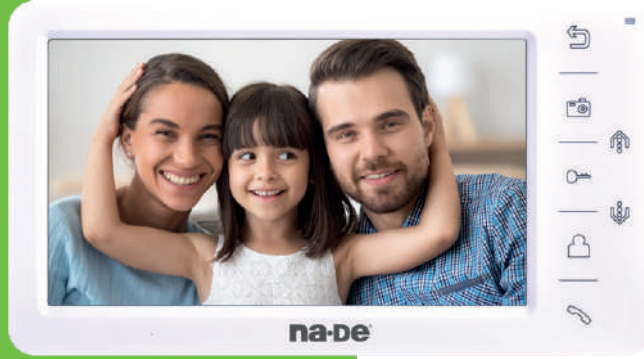
V-BUS 9 SYSTEM CONNECTION DIAGRAM



VILLA SET

INTERCOM
SYSTEMS

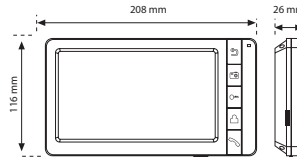
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VIDEO & AUDIO
INTERCOM SYSTEMS

07041EBM

7" HIGH RESOLUTION LCD SCREEN



07041EBM

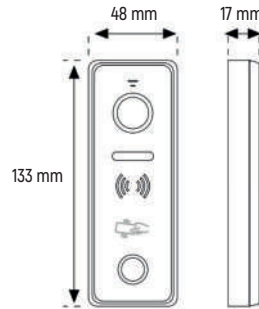
- 7" high-resolution LCD screen
- Handsfree speaking feature
- User-friendly interface
- Ability to communicate between monitors
- Door automation control
- Ability to view the outdoor door and selected CCTV cameras
- Adjustable brightness, contrast, color, and sound options
- Do not disturb feature
- Option to connect an additional monitor
- Option to connect an additional panel

VILLA SET

Used together with the TPAPV35-15 power supply.

05104EBM-K B.

Color Doorbell Panel with Camera RF-ID



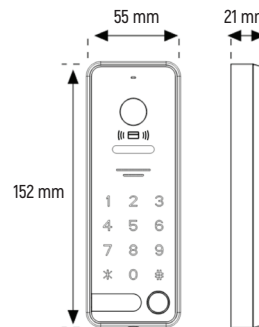
05104EBM-K B. (PANEL)

- 1080P (720P/CVBS Mode Switchable)
- LED-Illuminated Night Vision
- 110° Viewing Angle
- Suitable for Outdoor Use
- Surface-Mount Installation
- Stainless Steel Metal Components
- Front Panel Made of Stainless Steel
- Lock Control Support System
- Card Access Lock Opening Feature



05104EBM-KS B. & 05104EBM-KS S.

Color Doorbell Panel with Camera RF-ID



05104EBM-KS S. & 05104EBM-KS B.

- 1080P (720P/CVBS Mode Switchable)
- LED-Illuminated Night Vision
- 110° Viewing Angle
- Suitable for Outdoor Use
- Surface-Mount Installation
- Stainless Steel Metal Components
- Front Panel Made of Stainless Steel
- Lock Control Support System
- Card Access Lock Opening Feature
- Password Lock Opening Feature



N V I S

INTERCOM
SYSTEMS

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VIDEO & AUDIO
INTERCOM SYSTEMS

NVIS – AUDIO INTERCOM



N2901ADT in-apartment telephone

- Economical phone unit for unwanted apartments with video
- Up to 127 apartments can be activated
- Active ringer feature even if the handset is left off-hook
- Door automation feature
- Ringer volume adjustment
- Digital addressing compatible dip switch structure
- Secret conversation feature
- Easy installation and cable connection
- 4+2 wired connection



N2902ADT in-apartment telephone COMMUNICATION with DOORMAN

- Economical phone unit for unwanted apartments with video
- Up to 127 apartments can be activated
- Active ringer feature even if the handset is left off-hook
- Door automation feature
- Ringer volume adjustment
- Digital addressing compatible dip switch structure
- Secret conversation feature
- Easy installation and cable connection
- 4+2 wired connection



D29AC NVIS

AUDIO DOORBELL PANEL



- Easy to use with a 2x16 character screen
- Maximum 127 apartments can be activated
- No central system, coaxial cables, or doorbell return; only DT-8 or Cat-6 with 4+2 cable connection
- Password-protected door opening
- Backlit buttons according to light intensity
- Optional 5 different language options
- Aluminum alloy die-cast panel
- Communication with the doorman

D29BC NVIS

AUDIO DOORBELL PANEL



- Easy to use with a 2x16 character screen
- Maximum 127 apartments can be activated
- No central system, coaxial cables, or doorbell return; only DT-8 or Cat-6 with 4+2 cable connection
- Door opening via password or RF-ID card
- Backlit buttons according to light intensity
- Optional 5 different language options
- Aluminum alloy die-cast panel
- Communication with the doorman

UP TO 4 APARTMENTS

ECONOMICAL SETS



TELEPHONE VILLA SETS (4+n)

CODE	PRODUCT FEATURES
90028	Villa set 1 (for 1 apartments)
90029	Villa set 2 (for 2 apartments)
90030	Villa set 3 (for 3 apartments)
90031	Villa set 4 (for 4 apartments)

- Sold in packages of up to 4 apartments
- With a single button, the doorbell rings simultaneously for 4 apartments
- 4+n cable infrastructure



Operating Voltage	PhotoCell Feature	Electrical Lock	Operating Temp.	Ingress Protection
230-240 V (50-60Hz)			-20°C ~ +40°C	IP 20 II Class

UP TO 4 APARTMENTS

ECONOMICAL SETS



TELEPHONE VILLA SETS (4+n)

CODE	PRODUCT FEATURES
NDTES 01	4+n Non-Private Phone 1-Unit ECO Set
NDTES 02	4+n Non-Private Phone 2-Unit ECO Set
NDTES 03	4+n Non-Private Phone 3-Unit ECO Set
NDTES 04	4+n Non-Private Phone 4-Unit ECO Set



Operating Voltage	PhotoCell Feature	Electrical Lock	Operating Temp.	Ingress Protection
230-240 V (50-60Hz)			-20°C ~ +40°C	IP 20 II Class

UP TO 20 APARTMENTS ECONOMICAL SETS

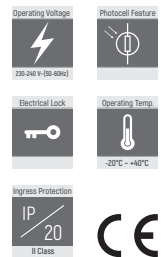


- Sold in packages of up to 20 apartments
- Single bell
- 4+n cable infrastructure

PHONE ECONOMIC SETS (4+n)

CODE	PRODUCT FEATURES
TES 01	Phone economical set (for 1 apartment)
TES 02	Phone economical set (for 2 apartment)
TES 03	Phone economical set (for 3 apartment)
TES 04	Phone economical set (for 4 apartment)
TES 05	Phone economical set (for 5 apartment)
TES 06	Phone economical set (for 6 apartment)
TES 07	Phone economical set (for 7 apartment)
TES 08	Phone economical set (for 8 apartment)
TES 09	Phone economical set (for 9 apartment)
TES 10	Phone economical set (for 10 apartment)

CODE	PRODUCT FEATURES
TES 11	Phone economical set (for 11 apartment)
TES 12	Phone economical set (for 12 apartment)
TES 13	Phone economical set (for 13 apartment)
TES 14	Phone economical set (for 14 apartment)
TES 15	Phone economical set (for 15 apartment)
TES 16	Phone economical set (for 16 apartment)
TES 17	Phone economical set (for 17 apartment)
TES 18	Phone economical set (for 18 apartment)
TES 19	Phone economical set (for 19 apartment)
TES 20	Phone economical set (for 20 apartment)



50040

APARTMENT-TYPE INTERCOM STATION



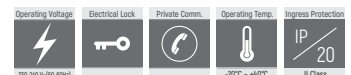
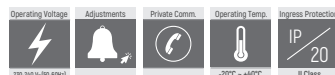
- Door lock control
- Two different doorbell sound options
- Communication with doorman
- Short circuit protection
- Built-in power supply
- DIN rail mounting

50010

DOOR INTERCOM SYSTEMS



- Private conversation with the door panel
- Door lock control



12V / 4VA AC DOORBELL TRANSFORMERS



01004

Short Circuit Protection



Operating Voltage	Product Dimension	Output	Short Circuit Prot.
230-240V 50/60Hz	Din 3	V/A	PTC



Operating Temp.	Ingress Protection	Box Dimension
-20°C ~ +40°C	IP 20	15.5 kg 60 pcs 35 x 25.50 x 16.80

15V / 15VA DOORBELL TRANSFORMERS



01002

Short Circuit Protection



Operating Voltage	Product Dimension	Output	Short Circuit Prot.
230-240V 50/60Hz	Din 4	V/A	PTC



Operating Temp.	Ingress Protection	Box Dimension
-20°C ~ +40°C	IP 20	15.5 kg 60 pcs 35 x 25.50 x 16.80

24V / 15VA DOORBELL TRANSFORMER

01003

Short Circuit Protection



Operating Voltage	Product Dimension	Output	Short Circuit Prot.
230-240V 50/60Hz	Din 4	V/A	PTC



Operating Temp.	Ingress Protection	Box Dimension
-20°C ~ +40°C	IP 20	15.5 kg 60 pcs 35 x 25.50 x 16.80

ALUMINUM DOORBELL BUTTONS

07001



07002



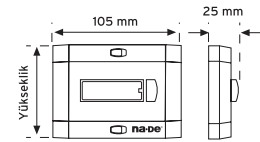
07003



07004



07005



HEIGHT TABLE

07001	80 mm
07002	105 mm
07003	135 mm
07004	155 mm
07005	185 mm
07006	210 mm
07007	240 mm
07008	265 mm
07009	295 mm
07010	320 mm

07010



07009



07008



07007



07006



Operating Temp.	Ingress Protection
-20°C ~ +40°C	IP 20



APARTMENT TYPE SINGLE BUTTON INTERCOM DOOR PANELS



HP

HS

WITH SPEAKER

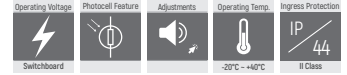
PRODUCT CODE	BUTTON PCS
HP01-208 mm	1
HP02-234 mm	2
HP03-261 mm	3
HP04-287 mm	4
HP05-313 mm	5
HP06-339 mm	6
HP07-365 mm	7
HP08-391 mm	8
HP09-418 mm	9
HP010-444 mm	10
HP011-470 mm	11
HP012-496 mm	12

WITHOUT SPEAKER

PRODUCT CODE	BUTTON PCS
HS04-208 mm	4
HS05-234 mm	5
HS06-261 mm	6
HS07-287 mm	7
HS08-313 mm	8
HS09-339 mm	9
HS010-365 mm	10
HS011-391 mm	11
HS012-418 mm	12
HS013-444 mm	13
HS014-470 mm	14
HS015-496 mm	15

WITHOUT SPEAKER

PRODUCT CODE	BUTTON PCS
HS05-208 mm	5
HS06-234 mm	6
HS07-261 mm	7
HS08-287 mm	8
HS09-313 mm	9
HS010-339 mm	10
HS011-365 mm	11
HS012-391 mm	12
HS013-418 mm	13
HS014-444 mm	14
HS015-470 mm	15
HS016-496 mm	16



APARTMENT-TYPE DOUBLE BUTTON INTERCOM BELL PANELS



HPÇ

HSÇ

WITH SPEAKER

PRODUCT CODE	BUTTON PCS
HPÇ02-208 mm	2
HPÇ04-234 mm	4
HPÇ06-261 mm	6
HPÇ08-287 mm	8
HPÇ10-313 mm	10
HPÇ12-339 mm	12
HPÇ14-365 mm	14
HPÇ16-391 mm	16
HPÇ18-418 mm	18
HPÇ20-444 mm	20
HPÇ22-470 mm	22
HPÇ24-496 mm	22

WITHOUT SPEAKER

PRODUCT CODE	BUTTON PCS
HSÇ08-208 mm	8
HSÇ10-234 mm	10
HSÇ12-261 mm	12
HSÇ14-287 mm	14
HSÇ16-313 mm	16
HSÇ18-339 mm	18
HSÇ20-365 mm	20
HSÇ22-391 mm	22
HSÇ24-418 mm	24
HSÇ26-444 mm	26
HSÇ28-470 mm	28
HSÇ30-496 mm	30

WITHOUT SPEAKER

PRODUCT CODE	BUTTON PCS
HSÇ10-208 mm	10
HSÇ12-234 mm	12
HSÇ14-261 mm	14
HSÇ16-287 mm	16
HSÇ18-313 mm	18
HSÇ20-339 mm	20
HSÇ22-365 mm	22
HSÇ24-391 mm	24
HSÇ26-418 mm	26
HSÇ28-444 mm	28
HSÇ30-470 mm	30
HSÇ32-496 mm	32



INTERCOM SYSTEMS BELL PANEL ADDITIONAL ROW CREATION GUIDE

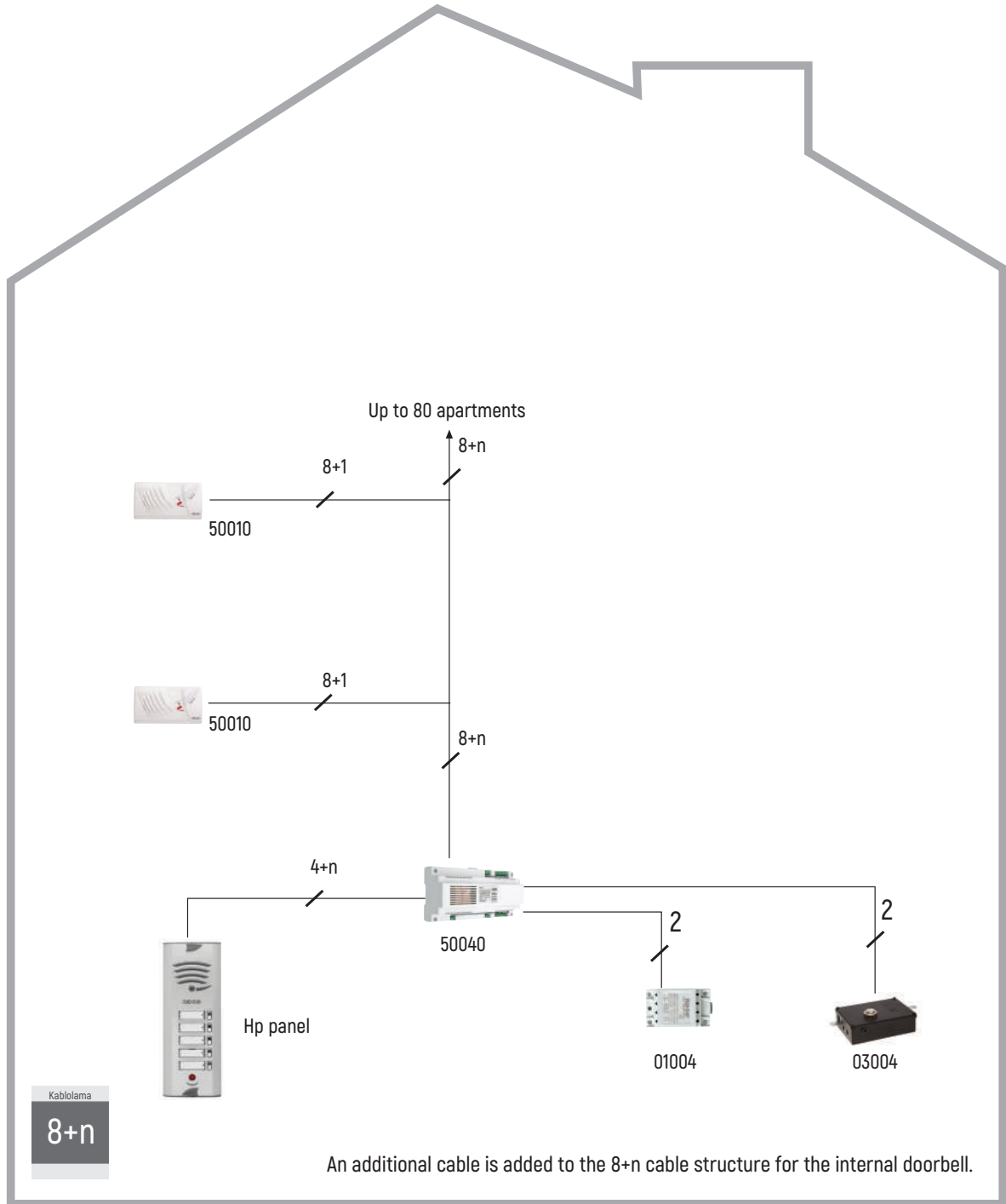
FOR SINGLE-BUTTON PANELS

NO OF APARTMENTS	1 st PANEL	2 nd PANEL	3 rd PANEL
1	HP01-208mm		
2	HP02-234mm		
3	HP03-261mm		
4	HP04-287mm		
5	HP05-313mm		
6	HP06-339mm		
7	HP07-365mm		
8	HP08-391mm		
9	HP09-418mm		
10	HP10-444mm		
11	HP11-470mm		
12	HP12-496mm		
13	HP05-313mm	HS08-313mm	
14	HP05-313mm	HS09-313mm	
15	HP06-339mm	HS09-339mm	
16	HP06-339mm	HS10-339mm	
17	HP07-365mm	HS10-365mm	
18	HP07-365mm	HS11-365mm	
19	HP08-391mm	HS11-391mm	
20	HP08-391mm	HS12-391mm	
21	HP09-418mm	HS12-418mm	
22	HP09-418mm	HS13-418mm	
23	HP10-444mm	HS13-444mm	
24	HP10-444mm	HS14-444mm	
25	HP11-470mm	HS14-470mm	
26	HP11-470mm	HS15-470mm	
27	HP12-496mm	HS15-496mm	
28	HP12-496mm	HS16-496mm	
29	HP07-365mm	HS11-365mm	HS11-365mm
30	HP08-391mm	HS11-391mm	HS11-391mm
31	HP08-391mm	HS11-391mm	HS12-391mm
32	HP08-391mm	HS12-391mm	HS12-391mm
33	HP09-418mm	HS12-418mm	HS12-418mm
34	HP09-418mm	HS12-418mm	HS13-418mm
35	HP09-418mm	HS13-418mm	HS13-418mm
36	HP10-444mm	HS13-444mm	HS13-444mm
37	HP10-444mm	HS13-444mm	HS14-444mm
38	HP10-444mm	HS14-444mm	HS14-444mm
39	HP11-470mm	HS14-470mm	HS14-470mm
40	HP11-470mm	HS14-470mm	HS15-470mm
41	HP11-470mm	HS15-470mm	HS15-470mm
42	HP12-496mm	HS15-496mm	HS15-496mm
43	HP12-496mm	HS15-496mm	HS16-496mm
44	HP12-496mm	HS16-496mm	HS16-496mm

FOR DOUBLE-BUTTON PANELS

DAİRE SAYISI	1 st PANEL	2 nd PANEL	3 rd PANEL
2	HPÇ02-208mm		
4	HPÇ04-234mm		
6	HPÇ06-261mm		
8	HPÇ08-287mm		
10	HPÇ10-313mm		
12	HPÇ12-339mm		
14	HPÇ14-365mm		
16	HPÇ16-391mm		
18	HPÇ18-418mm		
20	HPÇ20-444mm		
22	HPÇ22-470mm		
24	HPÇ24-496mm		
26	HPÇ10-313mm	HSÇ16-313mm	
28	HPÇ10-313mm	HSÇ18-313mm	
30	HPÇ12-339mm	HSÇ18-339mm	
32	HPÇ12-339mm	HSÇ20-339mm	
34	HPÇ14-365mm	HSÇ20-365mm	
36	HPÇ14-365mm	HSÇ22-365mm	
38	HPÇ16-391mm	HSÇ22-391mm	
40	HPÇ16-391mm	HSÇ24-391mm	
42	HPÇ18-418mm	HSÇ24-418mm	
44	HPÇ18-418mm	HSÇ26-418mm	
46	HPÇ20-444mm	HSÇ26-444mm	
48	HPÇ20-444mm	HSÇ28-444mm	
50	HPÇ22-470mm	HSÇ28-470mm	
52	HPÇ22-470mm	HSÇ30-470mm	
54	HPÇ24-496mm	HSÇ30-496mm	
56	HPÇ24-496mm	HSÇ32-496mm	
58	HPÇ14-365mm	HSÇ22-365mm	HSÇ22-365mm
60	HPÇ16-391mm	HSÇ22-391mm	HSÇ22-391mm
62	HPÇ16-391mm	HSÇ22-391mm	HSÇ24-391mm
64	HPÇ16-391mm	HSÇ24-391mm	HSÇ24-391mm
66	HPÇ18-418mm	HSÇ24-418mm	HSÇ24-418mm
68	HPÇ18-418mm	HSÇ24-418mm	HSÇ26-418mm
70	HPÇ18-418mm	HSÇ26-418mm	HSÇ26-418mm
72	HPÇ20-444mm	HSÇ26-444mm	HSÇ26-444mm
74	HPÇ20-444mm	HSÇ26-444mm	HSÇ28-444mm
76	HPÇ20-444mm	HSÇ28-444mm	HSÇ28-444mm
78	HPÇ22-470mm	HSÇ28-470mm	HSÇ28-470mm
80	HPÇ22-470mm	HSÇ28-470mm	HSÇ30-470mm
82	HPÇ22-470mm	HSÇ30-470mm	HSÇ30-470mm
84	HPÇ24-496mm	HSÇ30-496mm	HSÇ30-496mm
86	HPÇ24-496mm	HSÇ30-496mm	HSÇ32-496mm
88	HPÇ24-496mm	HSÇ32-496mm	HSÇ32-496mm

BLOCK DIAGRAM OF APARTMENT-TYPE INTERCOM SYSTEM



FIRE DETECTION & WARNING SYSTEMS



na·De[®]

FIRE DETECTION &
WARNING SYSTEMS

ADDRESSABLE FIRE ALARM PANELS

7000M SERIES

7000M+_NADE 2x32 FIRE ALARM PANEL

- 2 loops
- 2x210=420 address capacity
- Expandable up to 10 loops
- 1023 zone capacity
- 99999 event archive
- 64 zone LED indicator
- Stainless metal case
- Fully modular structure
- Expandable internal siren outputs
- Expandable internal contact output
- Expandable user-powered outputs
- CAN 2.0b connection support
- RS485 connection support
- BMS connection support
- Ethernet LAN connection support

NEW

New Case



7000M-P_NADE 32 ZONE FIRE ALARM PRINTER PANEL

- 2 Loops
- 2x210=420 address capacity
- Expandable up to 10 loops
- Built-in thermal printer
- 1023 zone capacity
- 99999 event archive
- 32 zone LED Indicator
- Stainless metal case
- Fully modular structure
- Expandable internal siren outputs
- Expandable internal contact output
- Expandable user-powered outputs
- CAN 2.0b connection support
- RS485 connection support
- BMS connection support
- Ethernet LAN connection support

NEW



7000M-R_NADE REPEATER PANEL

- Repeater panel

NEW

New Case



7000M-L_NADE 2x32 ZONE DISPLAY PANEL

- Repeater zone LED panel

NEW



7000MSTANDART_NADE FIRE ALARM PANEL

- Expandable up to 2-4 loops
- 210 address capacity per loop
- 1023 zone capacity
- 99999 event log capacity
- Stainless steel enclosure
- Fully modular structure
- Expandable internal sounder outputs
- Expandable internal relay outputs
- Expandable energy outputs for the user
- CAN 2.0b connection support
- RS485 connection support
- BMS connection support
- Ethernet LAN connection support

NEW



7000M LC_NADE LOOP CARD 2 LOOP 420 ADDRESS

- 2 Loop line capacity
- 2x210=420 address capacity
- DIN rail mounting ease
- Up to 5 units (10 loops) can be installed on the panel



7000M BIO_NADE 7000M BIO MODULE

- DIN rail mounting ease
- CAN 2.0b connection support
- RS485 connection support
- BMS connection support
- Ethernet LAN connection support



7000M BC_NADE 7000M BASIC MODULE

- DIN rail mounting convenience
- Mandatory module for 7000M panels
- Mounted next to the PSU as the first module
- RS485 connection support
- BMS connection support
- Ethernet LAN connection support



7000M SERIES ADDRESSABLE FIRE DETECTORS

FD7120M_NADE RATE OF RISE HEAT DETECTOR

- Fixed temperature and rate-of-rise heat detector
- With built-in isolator



FD7130M_NADE OPTICAL SMOKE DETECTOR

- Optical smoke detector
- With built-in isolator



FD7160M_NADE COMBINED DETECTOR

- Logical processing capability in heat and smoke detection sections
- With built-in isolator



FD7150M_NADE MANUAL CALL POINT

- With built-in isolator
- Resettable



7000M SERIES GENERAL FEATURES OF ADDRESSABLE FIRE ALARM PANELS

- 210 address capacity per loop
- Expandable up to 10 loops
- Total panel address capacity of 2100
- Fully modular structure
- Optional thermal printer
- Sequential automatic addressing via the panel
- Zone LED indicators
- Compliance with EN 54-2 and EN 54-4 standards
- Network compatibility with 7000M series addressable panels
- Real-time clock
- Turkish and English menu
- Input/output modules that can be connected to the panel loop

- Day/Night mode
- Panel test mode
- Manufactured with surface mounting technology
- Protection against electromagnetic interference
- Continuous monitoring for fire and fault conditions (short circuits, line breaks, etc.)
- Automatic detection of device type and parameters in the loop
- Detection of devices removed from the loop
- Bidirectional communication between the panel and devices on the loop
- Two-stage fire condition, with individually programmable delay for each zone
- Countdown timer on the display to track alarm waiting time
- Distinguishable tone for internal buzzer in fire condition
- Distinguishable tone for internal buzzer in fault condition

ADDRESSABLE FIRE DETECTORS

7000M SERIES

7205M_NADE DETECTOR BASE

- Does not receive address from the system
- Can be included in cause-and-effect scenarios when used with the 7000M Series
- Can be activated with the detector it is connected to when used with the 7002 Series
- Receives operating power from the loop

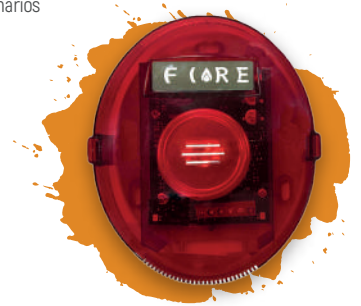
NEW



FD7206M_NADE SIREN & WARNING LIGHT

- Addressable siren and warning light
- Receives operating power from the loop line
- Can be included in cause-and-effect scenarios

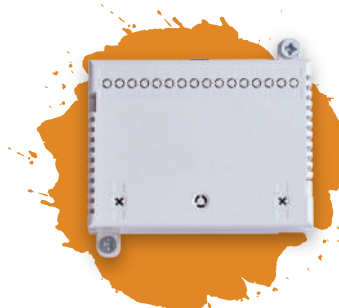
NEW



FD7203M_NADE INPUT & OUTPUT MODULE

- Can be used as a siren module with external power
- Receives 1 address from the loop line
- 1 Input
- 1 Output
- With built-in isolator

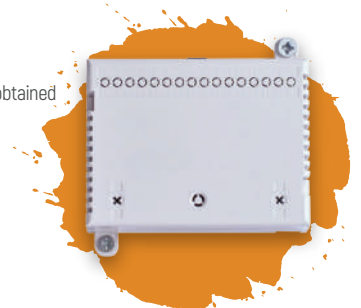
NEW



FD7201M_NADE SYSTEM ADDRESSING ADAPTER

- Used to integrate into a conventional addressable system
- Powered by the loop line
- Receives 1 address from the loop line
- Information about field usage must be obtained
- 1 output
- With built-in isolator

NEW



FD71CNG NATURAL GAS DETECTOR

- Used for natural gas (methane) detection
- Complies with EN50194-4 standards
- Status information is displayed with LED and internal siren
- Requires external power supply (18-30 V DC)
- Triggering occurs when methane (CNG) gas level in the air reaches 5100 PPM and the environment's LE saturation reaches 10%



DB7100 DETECTOR BASE

- Standard detector base



7000-1MC SERIES

HYBRID (ADDRESSABLE & CONVENTIONAL) INPUT OUTPUT MODULES

7000-1MC_NADE HYBRID FIRE DETECTION PANEL

- Addressable / Conventional
- Hybrid fire detection panel
- Max 150 addressable devices
- Max 40 conventional zone lines



NEW

7001-MC-8CL_NADE ZONE CARD

- 8 conventional line output zone module



NEW

7001-MC-BIO_NADE BIO MODULE

- DIN rail mounting ease
- 2 relay outputs
- 2 siren outputs
- 2 monitoring inputs
- 1 x 24V DC output



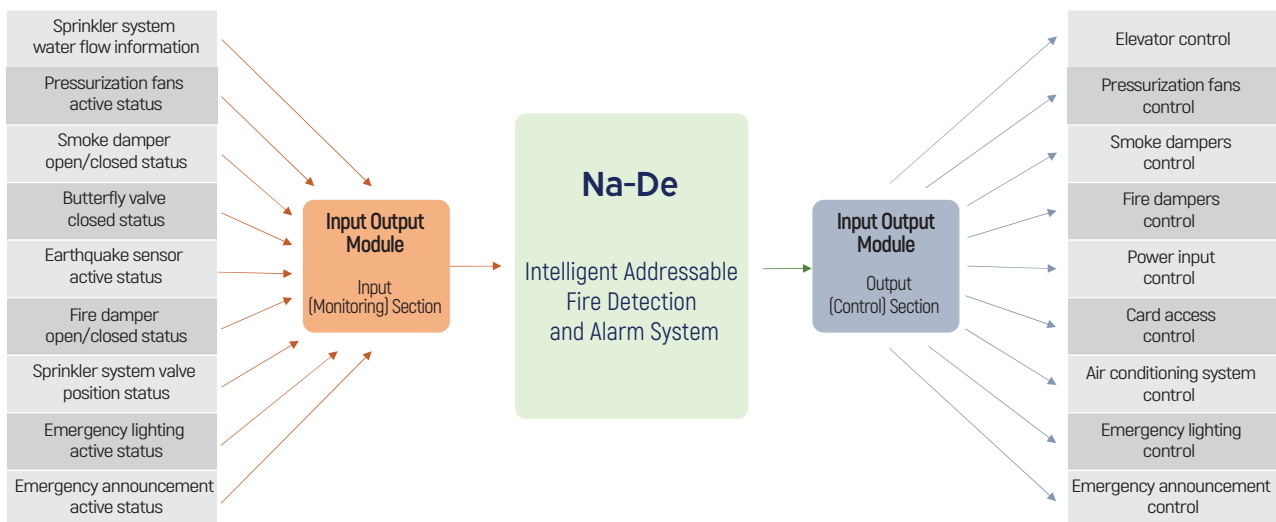
NEW

Examples of Monitoring Points

In the building's mechanical systems, fire-fighting equipment such as sprinkler lines and gas-based extinguishing systems are monitored through the input sections of entrance/exit modules and integrated into the fire detection system.

Examples of Control Points

Within fire automation, it is necessary to control points such as elevators, fans, card access systems, etc. The output sections of the input/output modules are used for this control process.



ADDRESSABLE FIRE ALARM PANELS

IFS7002 SERIES

IFS7002 INTERACTIVE FIRE CONTROL PANEL

- 1 loop
- 125 address capacity
- 1 fault output contact
- 1 fire output contact
- 1 adjustable output contact
- 1023 permanent archive memory slots
- 1 x CAN interface
- 1 x RS232 interface



IFS7002 INTERACTIVE FIRE CONTROL PANEL

- 2 loop
- 250 address capacity
- 1 fault output contact
- 1 fire output contact
- 1 adjustable output contact
- 1023 permanent archive memory slots
- 2 x CAN interfaces
- 1 x RS232 interface



IFS7002 INTERACTIVE FIRE CONTROL PANEL

- 4 loops
- 500 address capacity
- 500 zone capacity
- 1 fault output contact
- 1 fire output contact
- 1 adjustable output contact
- 2046 permanent archive memory slots
- 2 x CAN interfaces
- 1 x RS232 interface



GENERAL FEATURES OF ADDRESSABLE FIRE DETECTION PANELS

IFS7000 SERIES

- Ease of use with a touch graphic LCD screen
- Multiple language options
- 125 address capacity per cycle
- Automatic addressing via the panel
- Compliance with EN 54-2 and EN 54-4 standards
- Network compatibility with IFS 7002 series addressable panels
- Real-time clock
- Turkish and English menu options
- Input/output modules connectable to the panel cycle
- Day/Night operating mode
- Panel test mode
- Manufactured with surface-mount technology
- Protection against electromagnetic interference

- Continuous monitoring for fire and fault conditions (e.g., short circuit, line break)
- Automatic detection of device type and parameters in the cycle
- Detection of devices removed from the cycle
- Two-way information exchange between the panel and devices on the cycle
- Two-stage fire condition with programmable time settings for each zone
- Countdown timer on screen to monitor alarm waiting time
- Distinctive internal buzzer tones for fire and fault conditions
- Network compatibility with the FS5200E fire extinguishing panel
- Graphical monitoring of the fire detection system via PC with "Na-De INTELLECT"

7000 SERIES ADDRESSABLE FIRE DETECTORS

FD7110 FIXED TEMPERATURE HEAT DETECTOR

- With built-in isolator



FD7120 RATE-OF-RISE HEAT DETECTOR

- Fixed temperature and rate-of-rise heat fire detector
- With built-in isolator



FD7130 OPTICAL SMOKE DETECTOR

- With built-in isolator



FD7160 COMBINED DETECTOR (OPTICAL SMOKE+HEAT)

- Logical processing capability in heat and smoke detection sections
- With built-in isolator



• Optical smoke detectors can be used in areas where the smoke effect of a fire is likely to be the priority, such as: offices, schools, business centers, meeting rooms, hotels, factories, warehouses, workshops, hospitals, etc.

• Heat detectors can be used in areas where the heat effect of a fire is more significant or in environments where smoke detectors are likely to cause frequent false alarms due to dust or steam, such as: kitchens, garages/parking lots, cold storage, laundries, factories, boiler rooms, ironing rooms, etc.

• Combined detectors (smoke and heat) are recommended in areas where the sequence of smoke and temperature effects during a fire may vary, such as: industrial facilities, areas containing wood, paper, textile-based materials, fuels, electrical rooms, data centers, workshops, electrical shafts, fabric cutting areas, film archives, mechanical rooms, etc.

FD7150 MANUAL CALL POINT

- With built-in isolator
- Resettable



FD71CNG NATURAL GAS DETECTOR

- Used for natural gas (methane) detection
- Status information is displayed with an LED and built-in siren
- Complies with EN50194-4 standards
- External power supply (18-30 V DC) is required
- Methane (CNG) gas level in the air triggers the detector when it reaches 5100 PPM and the environment's LE (Lower Explosion Limit) saturation reaches 10%



ADDRESSABLE INPUT OUTPUT MODULES

7000 SERIES

FD7203 10/16 INPUT & OUTPUT DEVICE

- 10 inputs
- 16 outputs
- Receives 1 address from the loop line
- External power supply



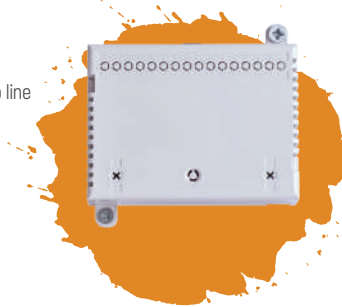
FD7203 3/6 INPUT & OUTPUT DEVICE

- 3 inputs
- 6 outputs
- Receives 1 address from the loop line
- External power supply



FD7203 INPUT & OUTPUT DEVICE

- 1 input
- 1 output
- Receives 1 address from the loop line
- Can be used as a siren module with external power supply

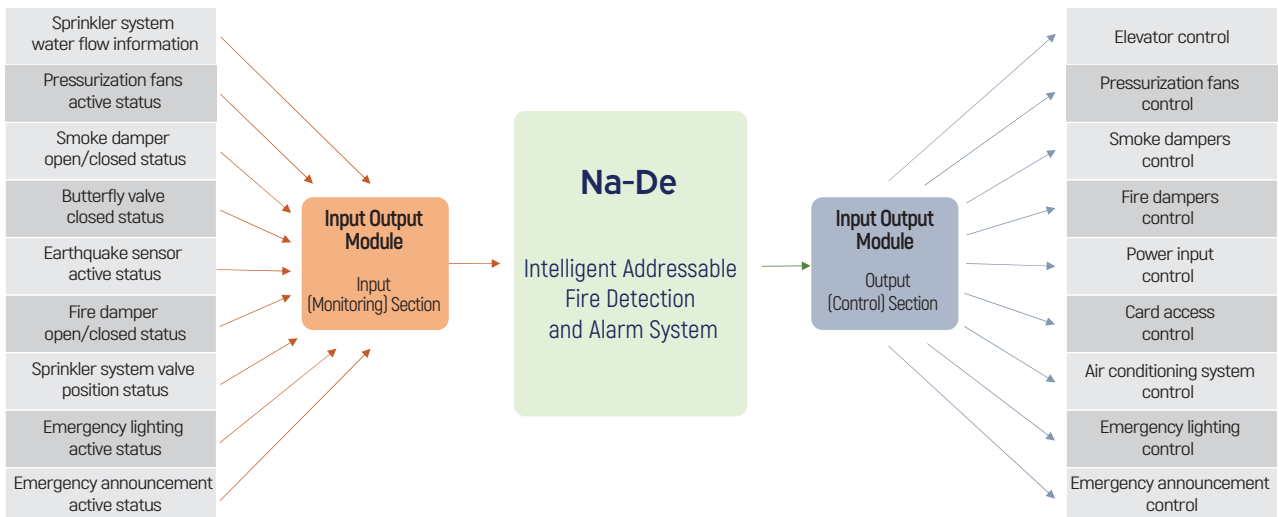


Examples of Monitoring Points

In the building's mechanical systems, fire-fighting equipment such as sprinkler lines and gas-based extinguishing systems are monitored through the input sections of entrance/exit modules and integrated into the fire detection system.

Examples of Control Points

Within fire automation, it is necessary to control points such as elevators, fans, card access systems, etc. The output sections of the input/output modules are used for this control process.



7000 SERIES ADDRESSABLE FIRE ALARM ACCESSORIES

FD7201SA_NADE ADAPTER WITH AUXILIARY SUPPLY & TWO ISOLATORS INCLUDED

- Conventional system addressing adapter
- External power supply



FD7201S ADAPTER WITH BUILT-IN FIRE DETECTOR

- Conventional system addressing adapter
- Used with DB 7100A
- Can connect 5 units to the loop line



In addressable fire detection systems, conventionally installed detectors and buttons, placed regionally, can be integrated into the addressable system through addressing modules.

DB7100 DETECTOR BASE

- Standard detector base



FD7204M SIREN & WARNING LIGHT

- Addressable siren and warning Light
- Receives operating power from the loop line
- Used in cause-and-effect scenarios



In fire detection systems, addressable sirens, which do not require separate wiring for the siren, can be included in cause-and-effect scenarios, and receive their operating power from the cycle line, are widely used in areas such as hotel rooms.

YKB02A

- Duck-type smoke detector
- Addressable smoke detector
- Remote LED indicator
- Detects smoke presence in pipes or ventilation sections



7205M

- Does not receive an address from the system.
- Can be included in cause-and-effect scenarios when used with the 7000M Series.
- Can be activated along with the connected detector when used with the 7002 Series.
- Draws operating power from the loop.



NEW

RS-LAN

- RS LAN Interface Module



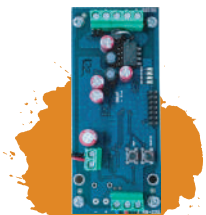
RS 232/485

- RS 232/485 Interface Module



MODBUS RTU

- BMS Module



CONVENTIONAL FIRE ALARM SYSTEMS

FS4000 SERIES

Conventional System

In conventional systems, which are structurally and functionally simpler, detectors and call points are connected to the zone lines of the conventional fire alarm control panel. At the end of each zone line, an end-of-line resistor is installed to enable the control panel to monitor the zone line through this resistor. If a short circuit or open circuit fault occurs on the zone line, the control panel cannot detect the end-of-line resistor and alerts the user by signaling an error.

In case of a fire, the alarm resistor of the activated fire detector or fire alarm call point comes into play, causing a change in the equivalent resistance of the zone line. This change in resistance alters the current in the zone line. The conventional fire alarm control panel monitors this current change to detect and respond to the fire alarm.

Therefore, in conventional systems, the source of the fire is identified regionally. Up to 32 fire detection devices can be connected to each zone line.

Zone-based fire detection and alarm systems are economical solutions, suitable for places where access to the fire source is straightforward, and independent sections are few (e.g., low-rise buildings, open storage areas, small cafés and restaurants designed for entertainment and gatherings).

FS4000/2 CONVENTIONAL FIRE CONTROL ALARM PANEL (2 Zone)

FS4000/4 CONVENTIONAL FIRE CONTROL ALARM PANEL (4 Zone)

FS4000/8 CONVENTIONAL FIRE CONTROL ALARM PANEL (8 Zone)



GENERAL FEATURES OF CONVENTIONAL FIRE ALARM SYSTEMS

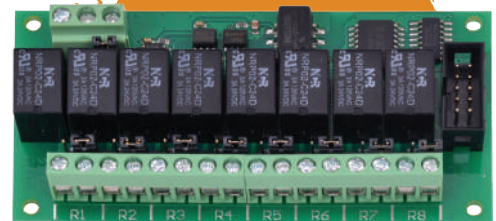
FS4000 SERIES

- Compliance with EN 54-2 and EN 54-4 standards
- Easy installation with LED display
- Optional additional fire relay output for each zone
- Assignable delay of 1 to 7 minutes to outputs
- Test mode and disablement option for each zone
- Compatibility with the FS5200R Conventional Repeater Panel
- Network capability for up to 15 panels with the repeater panel

- Ability to disable fire outputs
- Indication of siren fault, ground fault, mains fault, battery fault, etc.
- 2 fire relays
- 2 conventional siren outputs
- 1 fault relay output

FD4201 2/4/6/8 EXPANSION MODULE

- Conventional relay expansion module
- Relay outputs for 2/4/6/8 fire zones
- RS485 interface



FS5100 SERIES CONVENTIONAL FIRE ALARM SYSTEMS

FS5100 FIRE CONTROL PANEL

- LCD display
- 2 fire zone inputs
- 2 siren outputs
- 2 fire relay outputs
- 1 fault relay output
- Expandable zone capacity with expansion modules
- Permanent archive memory
- 84 event log storage
- Compatibility with FS5200R Conventional Repeater Panel



5101 EXTENSION MODULE

- Control panel expansion module
- 3 fire zone inputs
- 3 fire relay outputs



5102 EXTENSION MODULE

- Expansion module for FS5100 Control Panel
- 6 fire zone inputs
- 3 fire relay outputs



CONVENTIONAL FIRE ALARM SYSTEMS

5100 SERIES

FS5200 FIRE CONTROL PANEL

- LCD display
- 8 fire zone inputs
- 1 siren output
- 2 fire relay outputs
- 1 fault relay output
- Expandable zone capacity with expansion modules
- Permanent archive memory
- Capability to include up to 256 events
- Compatibility with FS5200R Conventional Repeater Panel



FS5200R CONVENTIONAL REPEATER PANEL

- Fire extinguishing procedure control
- Repeats the fire extinguishing procedure
- Compatible with FS5000, FS5100, and FS4000 series panels



5201 EXTENSION MODULE

- Compatible with FS5200 Panel
- 8 Fire Zones



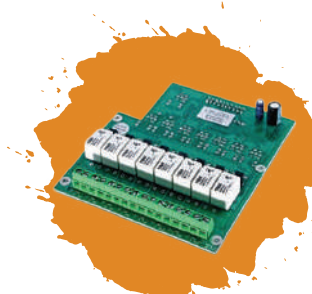
5202 EXTENSION MODULE

- Compatible with FS5200 panel
- 8 fire zones
- 1 siren output



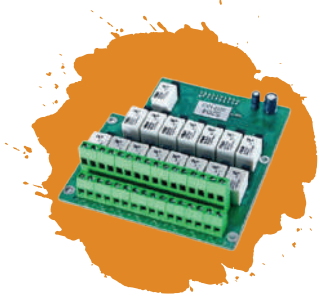
5203 EXTENSION MODULE

- Compatible with FS5200 panel
- 8 fire zones



5204 EXTENSION MODULE

- Compatible with FS5200 panel
- 16 fire zones



CONVENTIONAL FIRE DETECTORS

FD8010 FIXED TEMPERATURE HEAT DETECTOR



FD8020 RATE OF RISE HEAT DETECTOR



FD8030 OPTICAL SMOKE FIRE DETECTOR



FD8060 COMBINED DETECTOR (OPTICAL SMOKE + HEAT)



· Optical smoke detectors can be used in areas where smoke may be the primary effect of a fire. For example: offices, schools, business centers, meeting rooms, hotels, factories, warehouses, workshops, hospitals, etc.

· Heat detectors can be used in areas where heat may be the primary effect of a fire or where smoke detectors are likely to give frequent false alarms due to environmental conditions, such as very dusty or steamy areas. For example: kitchens, garages-parking lots, cold storage, laundries, tea rooms, factories, boiler rooms, ironing rooms, etc.

· In areas where both smoke and temperature effects may change in priority during a fire, the use of combined detectors (smoke and heat) is recommended. For example: industrial facilities, areas with materials such as wood, paper, textiles, or flammable substances like fuel, panel rooms, data processing centers, workshops, electrical shafts, fabric cutting areas, film archives, mechanical areas, etc.

FD8040 OPTICAL FLAME FIRE DETECTOR

- Optical flame
- Fire detector



YKB02K DUCT SMOKE DETECTOR

- Pipe-Type smoke detector
- Conventional smoke detector
- With remote LED indicator
- Detects smoke presence in pipes or ventilation ducts



YKB02K: Used for smoke detection in ventilation ducts. The body of the unit is mounted on the outside of the air ducts. The smoke intake pipe enters the duct, and the air travels through the pipe to reach the detector. The air circulates and returns to the duct through the exhaust pipe. If smoke is present in the circulating air, an alarm is triggered.

FD8040: Detects the infrared radiation of flames, providing reliable early warning of fire situations. It can be used in areas where other types of fire detectors are not used.

CONVENTIONAL FIRE ALARM SYSTEMS

DB8000 STANDARD DETECTOR BASE

- Standard detector base



FD8204 INTERNAL SIREN

- 90dB
- 15 -30V DC working voltage



FD3050 MANUAL CALL POINT

- 10-30VDC working voltage
- Resettable



SB 112F EXTERNAL SIREN

- 110db
- 24V DC



RI31 LED REMOTE INDICATOR & RI31S SOUND REMOTE INDICATOR

- 5-30VDC working voltage



7205 DETECTOR BASE WITH INTERNAL SIREN

- It becomes active with the detector it is connected to
- It receives its operating power from the zone line



CONVENTIONAL FIRE ALARM EQUIPMENTS

AKV01 BATTERY

- 12V / 4,5 Ah
- Compatible with conventional and 7002 series 1 loop addressable panels



AKV02 BATTERY

- 12V / 18Ah
- Compatible with 7002 series 2 and 4 loop addressable panels



AKV03 BATTERY

- 12V / 26Ah
- Compatible with 7000M series addressable panels



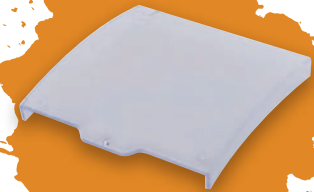
INTELLECT SOFTWARE CD-8 LICENCE

- Fire alarm systems visualization interface
- Compatible with IFS7000 series addressable fire alarm systems
- Compatible with FS5100, FS5200 series conventional fire alarm systems



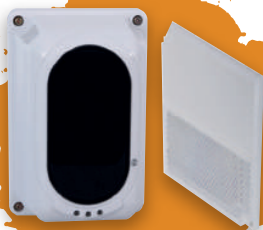
TK TRANSPARENT PLASTIC COVER

- Plastic transparent cover for FD7150, FD7150M, and FD3050 series



AW-BK901 REFLECTIVE BEAM TYPE DETECTOR

- AW-BK901 / 8-100MT beam detector



POWER SUPPLY

- CYS-4024 24V/1.5A, up to 10 sirens can be connected
- CYS-9024 24V/3A, up to 25 sirens can be connected
- CYS-12024 24V/5A, up to 35 sirens can be connected
- CYS-18024 24V/7.5A, up to 50 sirens can be connected



CONVENTIONAL FIRE ALARM EQUIPMENTS

ECSI20 INTERNAL SIREN & WARNING LIGHT

- ECSI20
- Internal siren with single LED indicator
- 24 VDC



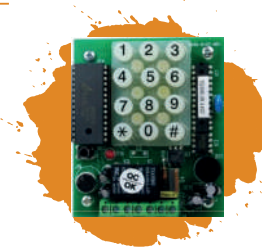
ESF24-FLŞ LED FLANGE

- ESF24-FLŞ
- Internal flashlight 24VDC



TD200 AUTOMATIC PHONE CALL MODULE

- TD200
- Automatic phone call module



DB8000R_NADE DETECTOR BASE

- Relay-contained detector base



FS5200P POWER SUPPLY

- Input Voltage: (187-253) V AC, 50Hz
- Maximum Consumption Capacity: 120VA
- Output Voltage: (17-28) V DC
- Output Current (within the main power supply): Up to 3.5A (continuous)
- Output Current (in case of main power supply failure and fully charged backup battery): Up to 3.5A / 2h
- Backup Battery: 2x12V DC / 7Ah



NYS1 NATURAL GAS DETECTOR

- NYS Natural gas detector 220V
- NYS1 Natural gas detector 12-24V



AC8001 SURFACE-MOUNTING BASE ACCESSORY

- AC8001 Flangeless surface-mounted installation bracket



AC8002 WET SURFACE-MOUNTING BASE ACCESSORY

- AC8002 Humid environment surface-mounted installation bracket



AC8001 SURFACE-MOUNTING BASE ACCESSORY

- AC8001 Flanged surface-mounted installation bracket
- AC8002 Flangeless surface-mounted installation bracket

EARTHQUAKE SENSOR

- TAMYY2
- TAMYY3
- NOFIRE

CARBONMONOXIDE DETECTOR

- FXDCO Carbonmonoxide detector (chargeable battery + electrical)
- FXDC01 Carbonmonoxide detector (battery + electrical)

FLOOD DETECTOR

- SBD-TOD-0590
- Water flood detector (contact output)

5200E SERIES

CONVENTIONAL FIRE ALARM EQUIPMENTS

FS5200E FIRE EXTINGUISHING PANEL

- 3 Fire alarm lines
- 2 Fire suppression alarm lines
- 1 Alarm line without fire extinguishing control
- RS485 Interface



FD5301 FIRE EXTINGUISHING REPEATER PANEL

- Provides fire extinguishing procedure control
- Repeats fire extinguishing procedure
- Compatible with FS5200E panel



FD3050Y MANUAL RELEASE BUTTON

- Used for manual activation of extinguishing
- Compatible with FS5200E panel



FD53050G EXTENSION RELEASE

- Used to hold extinguishing
- Allows extension of evacuation time
- Compatible with FS5200E panel



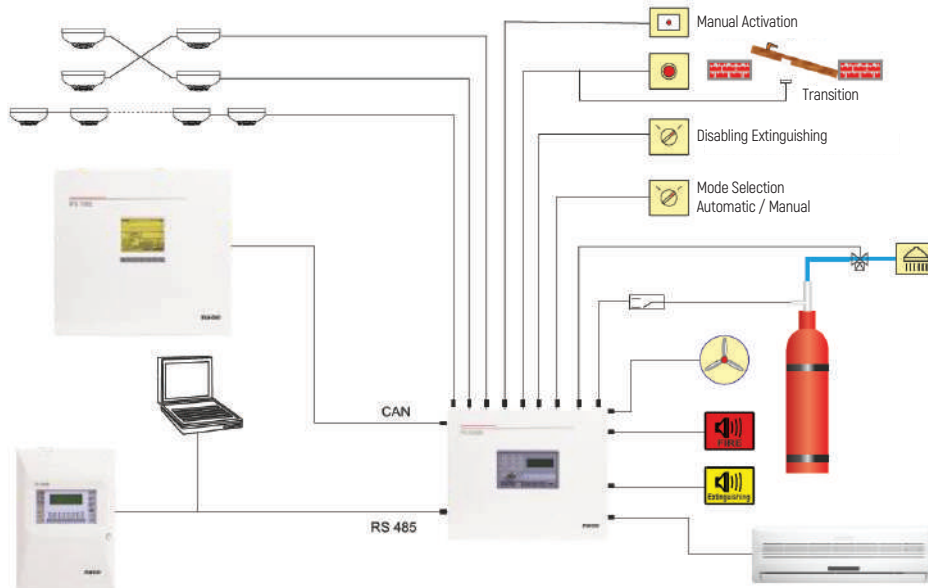
FD3050B EMERGENCY STOP BUTTON

- Used for automatic activation of extinguishing
- Compatible with FS5200E panel



FD5302 MODE SELECTOR KEY

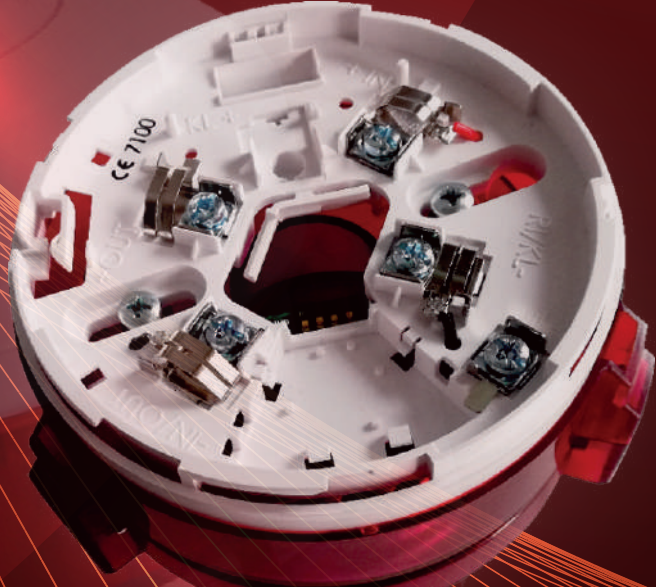
- Used for selecting the operating mode of the FS5200E panel





na·de[®]

Loop powered socket-based siren + warning light.
Scenario usage option in the 7000M series.



na·De®



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DMY
ELEKTRİK | OTOMASYON | AYDINLATMA

ALGA SAVIOR na·De
OTOMASYON

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