

# na·De<sup>®</sup>

## 2021 PRODUCT CATALOGUE



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TURKEY



Na-De, which started its activities in the building automation and building communication systems sector in the 70s, has become a pioneer name in the sector after a long time in this 50 year period. Na-De Elektronik, which blends modern production techniques with state-of-the-art production machines, carries out its production at it's 15.000 m<sup>2</sup> factory in Ümraniye, Istanbul

Na-De Elektronik A.Ş., which continues to add strength to its power by joining DMY Electronic Investments in 2015, continues to be the leader in the sector by adding Ancha Lighting in 2016 and Assan brands in 2018 and in 2020 NADE change the company name to DMY ELEKTRİK OTOMASYON AYDINLATMA SANAYİ VE TİCARET A.Ş. by merging with SAVIOR OTOMASYON and ALGA MÜHENDİSLİK A.Ş.

Na-De has recognized its customers by prioritizing customer satisfaction in the forefront. has strengthened its dialogue with domestic and international fairs. Our company, acting with a total quality philosophy, owes its success line to satisfied customers - happy employees, and the R & D activities that are carried out continuously, to the reasonable price level that is compatible with the market, to the international quality registered by competent institutions, in summary to adopt the quality as a way of life.

Na-De, with its swiftness and energy, keeps its rivals behind and is constantly developing for the future. Following the quality policies and the R & D center which was established in 2018, the progress and modernization of the production techniques and renews its production portfolio.

With its current line, Na-De achieved a very ambitious position in its sector. As a result of long-term efforts to carry out R & D activities in its laboratories equipped with modern infrastructure and test equipment, we have added 100% Turkish Made First Motion Sensor and Motion Sensor Ceiling and Wall Mounted Lighting Luminaires to our new range of design products.

Na-De produces its products with the latest technology, machinery and hardware, and to offer its products in accordance with the National (TSE) and international standards (ISO 9001, CE, TUV GS) in domestic and foreign markets.

Our mission is serve our customers with high quality products and have a good name in global markets. We are producing our goods with latest and highest end technology so we can be a good choice for our customer.

By keeping up with the developing technology, to protect and strengthen our leading position in the domestic market with the cooperation of our customers and employees, to become the preferred brand in the globalized world market and to try to realize the total quality philosophy in the best way in all management and application levels.

















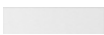





























**na·De®**



[www.dmyelektronik.com](http://www.dmyelektronik.com)

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# IN TOUCH



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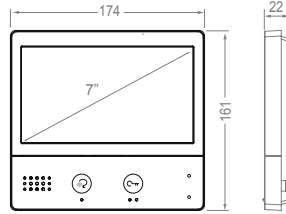
**na·de**<sup>®</sup>

# na·De® ND-IP IN TOUCH

ND 471

IP 7" COLOR VIDEO DIAPHONE

NEW PRODUCT



- Set different ringtones by different callers
- One-touch access with priority use on the home screen
- Adjustable brightness, contrast, color and tone.
- Checking the door closer
- Speakerphone
- Please do not disturb function
- Ability to save caller history with pictures or videos
- Supports up to 32 GB memory card
- Intercommunication between apartments
- Ability to communicate with security officers
- Option to connect additional monitors
- 7 inch touch screen with high resolution LCD display
- 2 clear buttons for answering calls and opening doors
- Redirection to a mobile phone in the event of an unanswered call
- Camera view in the system



ND 610

Single bell button

NEW PRODUCT



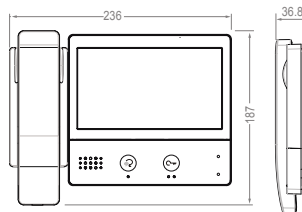
- Aluminum body
- Surface mounting
- 170 ° wide-angle camera
- IP 54 external use



GU 471

Security phone

NEW PRODUCT



- 7 inch touch screen
- Redirection to a mobile phone in the event of an unanswered call
- Set different ringtones by different callers
- One-touch access with priority use on the home screen
- Handsfree and handset calls
- Ability to save caller history with pictures or videos
- Supports up to 32 GB memory card
- The camera with ONVIF software is capable of being assigned as a separate camera
- Receive images from a camera that supports Onvif software on the network
- Alternative use with wall or table option

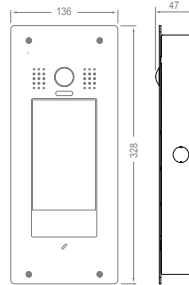


**NEW  
PRODUCT**

**ND 850**

**5 TOUCHSCREEN DISPLAY PANEL**

- Stainless steel, fingerprint proof design
- 5 inch TFT touchscreen
- Can be mounted on surface or flush
- 170 ° wide-angle camera
- Access by RFID card reader or password options
- Easy search with the guide
- Communication with the security point
- Rights of Refresh belonging to the apartment without entrance
- Automatic installation of up to 256 apartments via the installation menu
- IP65 and IK 08

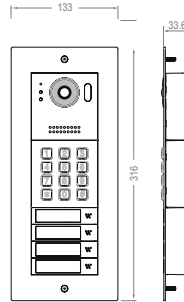


**NEW  
PRODUCT**

**ND 821**

**Modular Door Panel**

- Optionally with a modular door unit for an outdoor panel
- Different design possibility
- Can be mounted on surface or flush
- 170° wide-angle camera
- Access by RFID card reader, password options or bell button
- Communication with the security point



**PoE-4**

**SWITCH**

**NEW  
PRODUCT**



- Cascade on horizontal distributors
- 4x access of the panel



**PoE-8**

**SWITCH**

**NEW  
PRODUCT**



- 8x access of the panel



### ND 821 VM

Camera Module

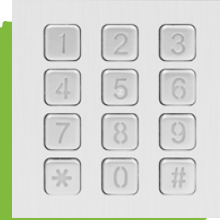


NEW  
PRODUCT

■ BASIC MODULE

### ND 821 -MD

Keyboard module



NEW  
PRODUCT

### ND 821-NO

Dot type screen card reader module



NEW  
PRODUCT

### ND 821-54

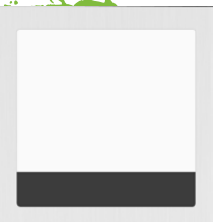
Touch Screen Bell Button



NEW  
PRODUCT

### ND 821 AI

Backlight info board



NEW  
PRODUCT

### ND CAM

Onvif Camera



NEW  
PRODUCT

**ND - 821F/2x1**

2 module frames

**NEW**  
PRODUCT



**ND - 821F/3x1**

3 module frames

**NEW**  
PRODUCT



**ND 821 BB**

Empty block

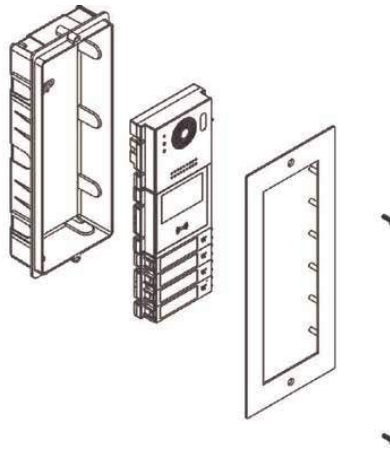
**NEW**  
PRODUCT



**ND 821- BT**

1 Button Lid

**NEW**  
PRODUCT



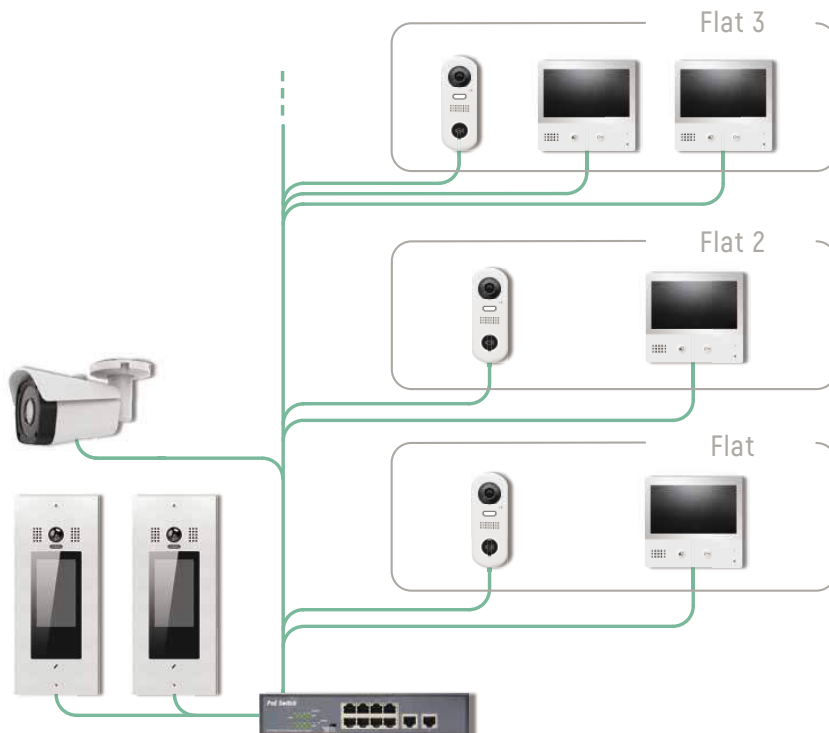
## Connection scheme for an IP system

### Villa Connection System



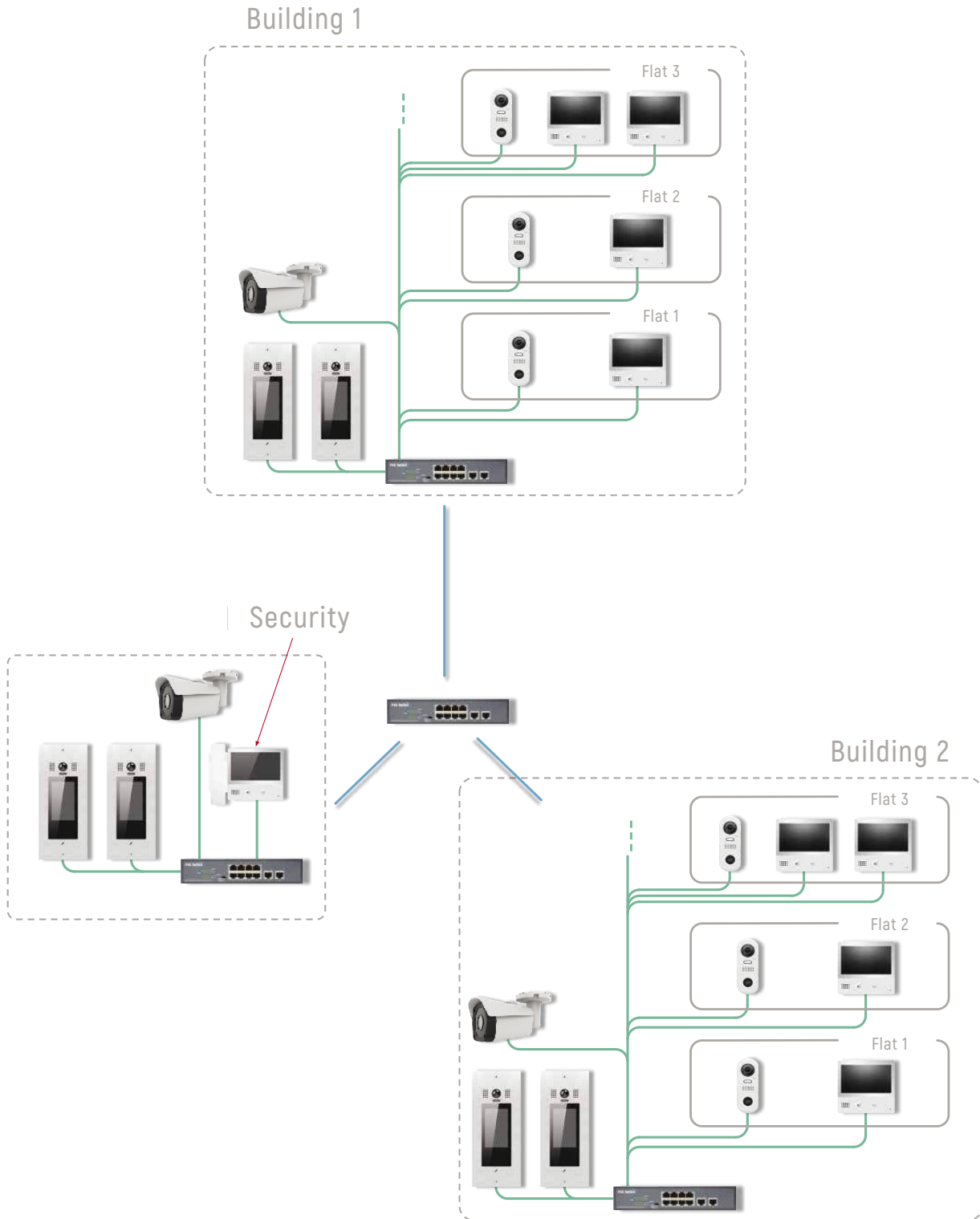
## Connection scheme for an IP system

### Schematic for a Single Building System



### Connection scheme for an IP system

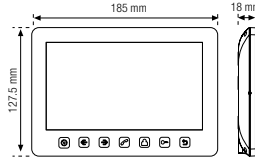
Schematic for a Multi Building System



# na·De® V-BUS9 IN TOUCH

## M2307ADT

### 7" MULTI APARTMENT VIDEO DOORPHONE

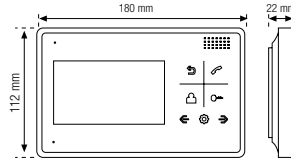
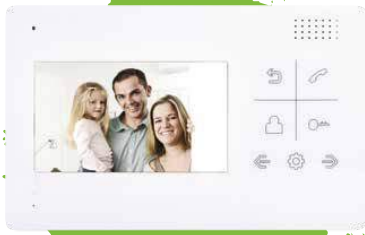


- 7" High Resolution LCD Display
- Touch Sensitive Keys with Quick Detection Feature
- Hands-free Speaking
- User Friendly Interface
- Intercommunication between apartments
- Door Automation Control
- Capable with displaying external panel and desired CCTV
- Adjustable brightness, contrast, color and voice
- Communication with doorkeeper feature
- Do not disturb' feature
- Additional monitor connectivity option
- 12 Polyphonic Ringtone option
- Advanced OSD Menu
- Language Options



## M2804ADT

### 4.3" MULTI APARTMENT VIDEO DOORPHONE

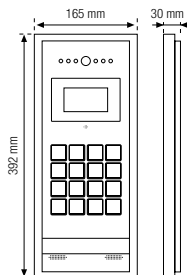


- 4.3" High Resolution LCD Display
- Touch Sensitive Keys with Quick Detection Feature
- Hands-free Option
- User Friendly Interface
- Intercommunication between apartments
- Door Automation Control
- Capable with displaying external panel and desired cctv camera Özelliği
- Adjustable brightness, contrast, color and voice
- Communication with doorkeeper feature
- Do not disturb' feature
- Additional monitor connectivity option
- 25 Polyphonic Ringtone option
- Advanced OSD Menu
- Language Options

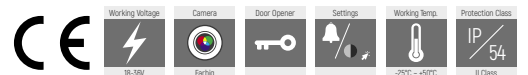


## D28AC

### DIGITAL CAMERA PANEL



- Easy to use with graphic screen
- Buttons with Backlight
- Aluminum Alloy Diecast Panel
- Identifiable Name Registration and Custom Password Creation for All Apartments
- Ability to communicate with security, social facility and doorman
- Ability to communicate with the other apartments

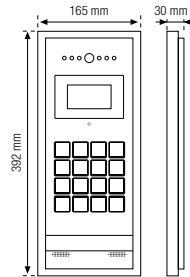




**D28BC**

DIGITAL CAMERA PANEL WITH RF-ID CARD

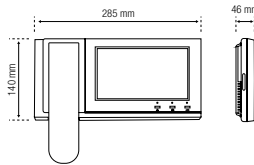
- Key unlocking via RF-ID cards and screen password
- Easy to use with graphic screen
- Buttons with Backlight
- Aluminum Alloy Diecast Panel
- Identifiable Name Registration and Custom Password Creation for All Apartments
- Capable to communicate Security, Social Facilities and Doorkeeper
- Ability to communicate with the other apartments



**M1607BCR**

SECURITY PHONE

- 7" High Resolution LCD Display
- User Friendly Interface
- Ability to Interact with Monitors within Apartment
- Automatic message leaving feature
- Capable with displaying external panel and desired cctv camera
- Adjustable brightness, contrast, color and voice settings
- DVR Function with Motion Detection Feature
- Recording Sound, Photos and Videos
- Internal Memory / SD Card Recording Feature
- Through Advanced Multimedia Feature Ability to view taken pictures and playing music
- Ability to List and Display the Apartment Residents
- Calendar and alarm setting feature
- Language Options



**NH01**

HORIZONTAL DISTRIBUTOR



- Possibility for cascade connection with horizontal distributors
- 2 Units panel inputs



**NH02**

HORIZONTAL DISTRIBUTOR



- Possibility for cascade connection with horizontal distributors
- 4 Units panel inputs



# na·De® V-BUS9 IN TOUCH

## NH03

### HORIZONTAL DISTRIBUTOR



- 4 CCTV Supports
- 2 Panel Supports (with NH02 8 Panels)
- Ability to Convert and Distribute Network Signals



## NV01

### VERTICAL DISTRIBUTOR



- Supports 4 monitors
- Ability to cascade connectivity with vertical distributors



## PW011

### POWER SOURCE



- Output Power: 90W
- Output Voltage: 36V/2A instantly 2,5A)
- Battery Charge Output: 27.6V/0.5A



## NC01

### RJ-45 CONNECTION SOCKET



- Provides to connectivity with distributor to security phone and VBUS9 monitors

## RF-ID

### RF-ID CARD



- Suitable with RF-ID Card System

## RF-ID

### RF-ID KEY



- Suitable with RF-ID Key System

## VBUS 9 NOTES

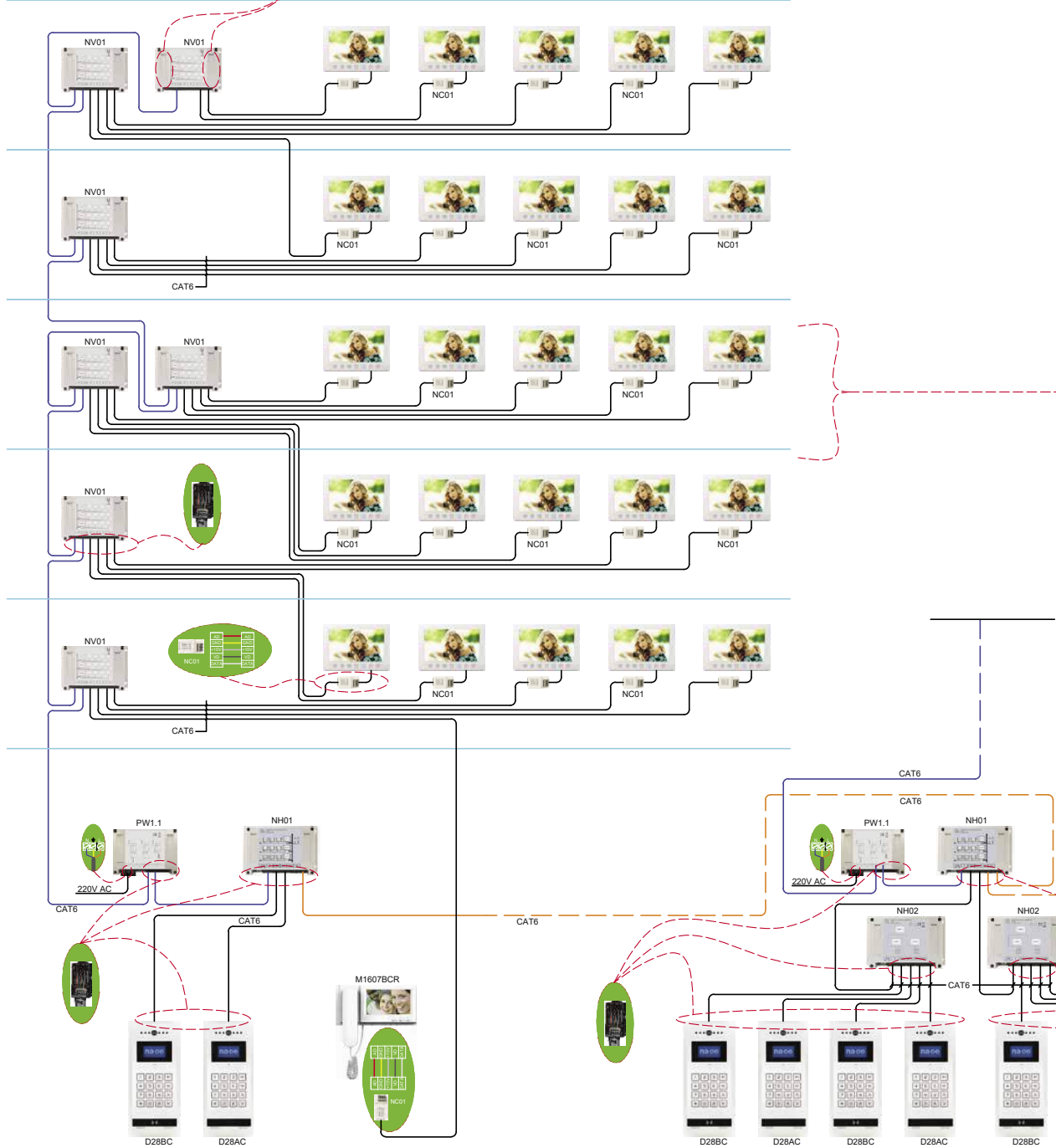
- VBUS9 must be use with shaft system connection
- Doorman's monitor is optional
- For security phone must use CAT6 cable.
- For Security phone , RJ045 socket + NV01+ PW01.1 and NH01 must use additionally.
- For each additional building you need to add horizontal distributor NH01 with that number

**· PW01.1 Power Supply Difference**

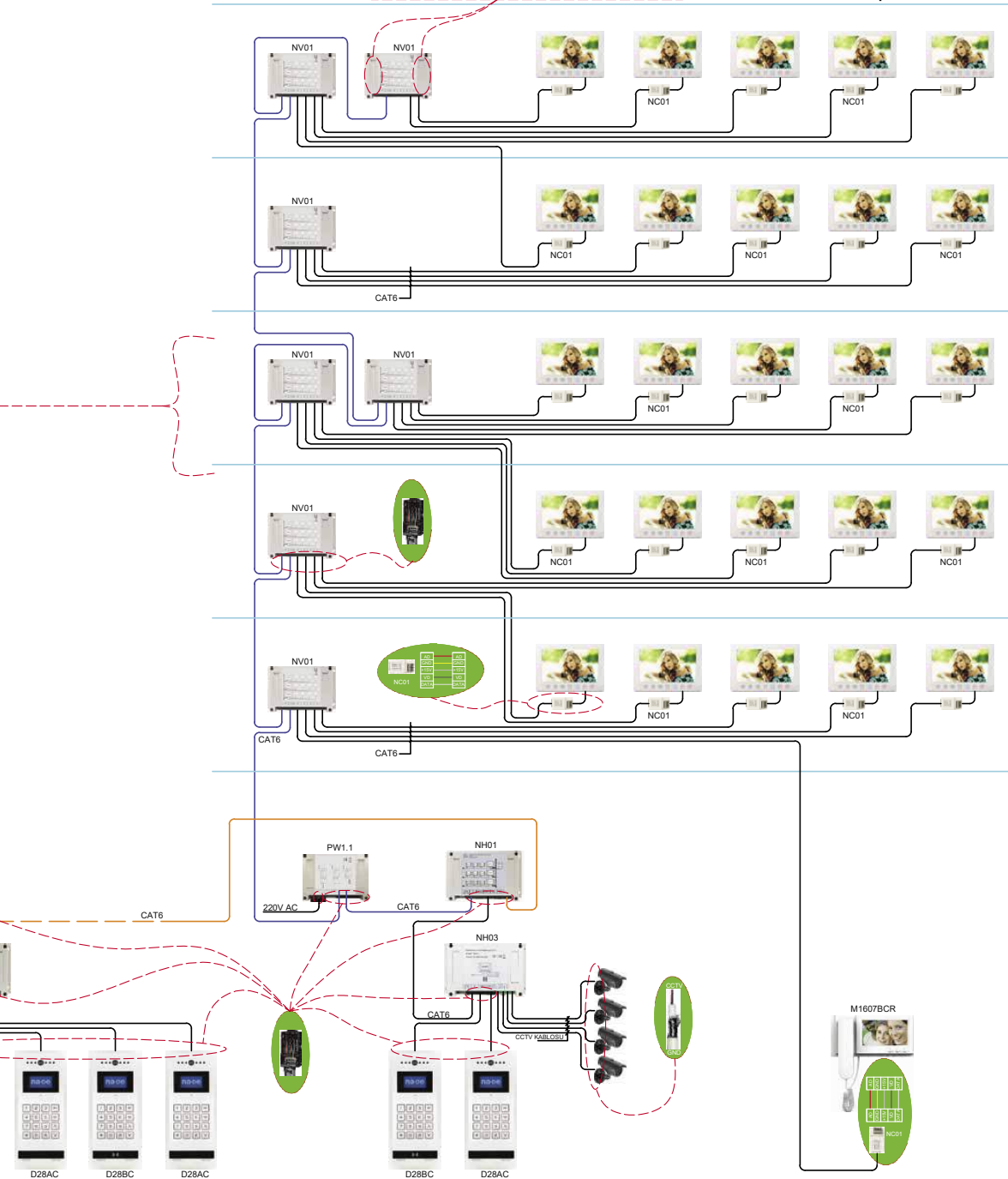
- For each building must use their own NH01.
- With cat5 or cat6 cable every PW01.1 supports 25 monitor.

CABLE TYPE	MAX MONITOR
CAT5 - CAT6	25 Monitor

The SW1 switches under the covers of the last NV01 unit must be be in the "On" position



The SW1 switches under the covers of the last NV01 unit must be be in the "On" position



# na·De® VILLA SET IN TOUCH

## 7" WIDE SCREEN VIDEO PHONE VILLA SET

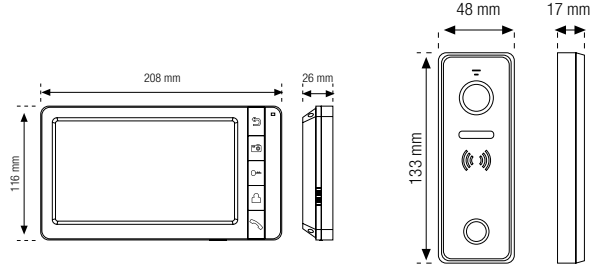


### 07041EBM (Monitor)

- 7" High Resolution LCD Display
- Hands-free Option
- User Friendly Interface
- Intercommunication between monitors
- Door Automation Control
- Capable with displaying Exterior Door and Desired CCTV Camera
- Adjustable brightness, contrast, color and voice
- 'Do not disturb' feature
- Additional monitor connectivity option
- Additional panel connectivity option

### 05104EBM (Panel)

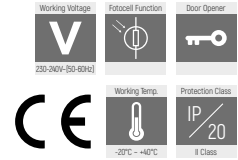
- ¼" CMOS Color Camera (800TVL)
- LED illuminated Night Vision
- 110° Visual Angle
- Waterproof
- Surface Mount
- Stainless Steel Metal Parts
- Stainless Steel Front Panel
- Lock Control Support System



Product Code	Product Features
17041EBM	7"Videodoor Phone 1 Monitor Villa Set (4 wire)
27041EBM	7"Videodoor Phone 2 Monitors Villa Set (4 wire)
37041EBM	7"Videodoor Phone 3 Monitors Villa Set (4 wire)
47041EBM	7"Videodoor Phone 4 Monitors Villa Set (4 wire)
07041EBM	7"Villa Set Monitor
05104EBM	Villa Set Outdoor Panel

## UP TO 4 APARTMENTS

## ECONOMIC SETS



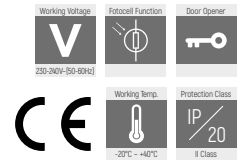
## Audio doorphone villa sets (4+n)

Code	Product Features
90028	Villa set 1 (for 1 user)
90029	Villa set 2 (for 2 users)
90030	Villa set 3 (for 3 users)
90031	Villa set 4 (for 4 users)

- Available as set pack up to 4 apartments
- 4 users are called at the same time by one button panel
- 4+n Cabling infrastructure

## UP TO 20 APARTMENTS

## ECONOMIC SETS



- Als Set Verpackung für 20 Apartments möglich
- Eine Melodie verfügbar
- 4+n Verkabelungsinfrastruktur

## Economical audio doorphone sets (4+n)

Product Code	Product Features
TES 01	Economical multi apartment audio doorphone set (For 1 flat)
TES 02	Economical multi apartment audio doorphone set (For 2 flats)
TES 03	Economical multi apartment audio doorphone set (For 3 flats)
TES 04	Economical multi apartment audio doorphone set (For 4 flats)
TES 05	Economical multi apartment audio doorphone set (For 5 flats)
TES 06	Economical multi apartment audio doorphone set (For 6 flats)
TES 07	Economical multi apartment audio doorphone set (For 7 flats)
TES 08	Economical multi apartment audio doorphone set (For 8 flats)
TES 09	Economical multi apartment audio doorphone set (For 9 flats)
TES 10	Economical multi apartment audio doorphone set (For 10 flats)

Product Code	Product Features
TES 11	Economical multi apartment audio doorphone set (For 11 flat)
TES 12	Economical multi apartment audio doorphone set (For 12 flats)
TES 13	Economical multi apartment audio doorphone set (For 13 flats)
TES 14	Economical multi apartment audio doorphone set (For 14 flats)
TES 15	Economical multi apartment audio doorphone set (For 15 flats)
TES 16	Economical multi apartment audio doorphone set (For 16 flats)
TES 17	Economical multi apartment audio doorphone set (For 17 flats)
TES 18	Economical multi apartment audio doorphone set (For 18 flats)
TES 19	Economical multi apartment audio doorphone set (For 19 flats)
TES 20	Economical multi apartment audio doorphone set (For 20 flats)

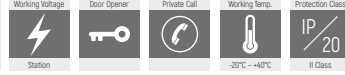
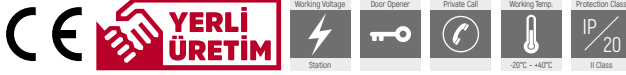
# na·De® MULTI APARTMENT DIAPHONE SYSTEMS IN TOUCH

## 50010

Diaphone



- Privacy Conversation with Door Panel
- Door Lock controls

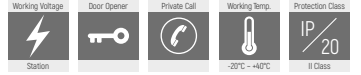


## 50012

Diaphone



- Privacy Conversation with Door Panel
- Privacy Conversation with Doorman
- Door Lock controls

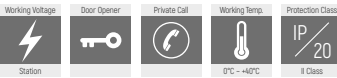


## 50014

Diaphone



- Privacy Conversation with Door Panel
- Door Lock controls

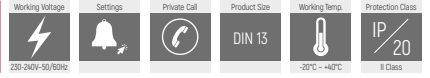
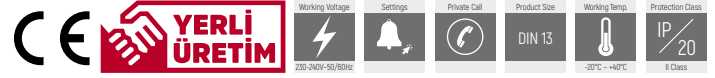


## 50040

Central



- Door lock control
- Two different Ringtone Option
- Connection with doorman
- Short Circuit Protection Power Supply
- Rail type mounting

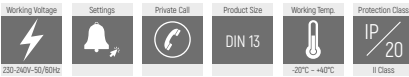
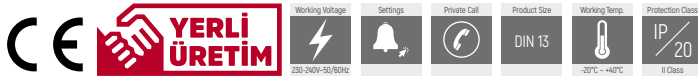


## 50041

Central



- Door lock control
- Opens two doors
- Stairway automation Control
- Two different Ringtone Option
- Connection with doorman
- Short Circuit Protection Power Supply

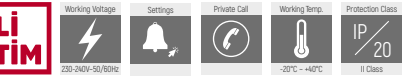


## 50022

Central



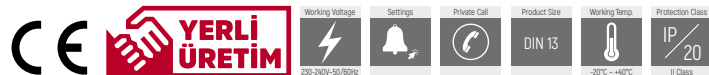
- Door lock control
- Two different Ringtone Option
- Short Circuit Protection Power Supply
- Rail Mounting



## 50032

Central

- Door Lock controls
- Two different Ringtone Option
- Connection with doorman
- Short Circuit Protection Power Supply





# DOORBELL TRANSFORMER **na·De**<sup>®</sup>

## 12V / 4VA AC Doorbell Transformer



■ Short circuit protected

Product Size DIN 3	Working Voltage 230-240V-50/60Hz	Output 12Vac / 4VA	Short Circuit Pro. PTC	Working Temp. -20°C ~ +40°C
CE		Protection Class IP 20 II Class	Box Detail 15.5kg 30 PCS 30x26.5x16.6	

## 15V / 15VA Doorbell Transformer



■ Short circuit protected

Product Size DIN 4	Working Voltage 230-240V-50/60Hz	Output 15Vac / 15VA	Short Circuit Pro. PTC	Working Temp. -20°C ~ +40°C
CE		Protection Class IP 20 II Class	Box Detail 21kg 30 PCS 30x26.5x16.6	

## 24V / 15VA Doorbell Transformer

01003



■ Short circuit protected

Product Size DIN 4	Working Voltage 230-240V-50/60Hz	Output 15Vac / 15VA	Short Circuit Pro. PTC	Working Temp. -20°C ~ +40°C
CE		Protection Class IP 20 II Class	Box Detail 18 kg 30 PCS 40.5x26.5x16.6	

## Aluminium Bell Buttons

07001



07002



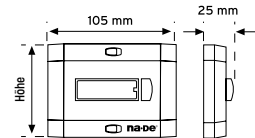
07003



07004



07005



07010



07009



07008



07007



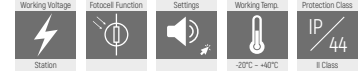
07006

### 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



## APARTMENT TYPE ONE LINE DOORPHONE PANELS



HP



HS

## Main Panel

Product Code	Button Quantity
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

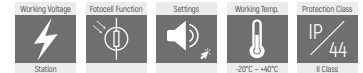
## Main Panel

Product Code	Button Quantity
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

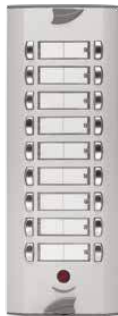
## Main Panel

Product Code	Button Quantity
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

## DOUBLE LINE BUTTON TYPE DOOR PANELS FOR AUDIO DOORPHONES



HPÇ



HSÇ

## Main Panel

Product Code	Button Quantity
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

## Extension Panel

Product Code	Button Quantity
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

## Extension Panel

Product Code	Button Quantity
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 GUIDE

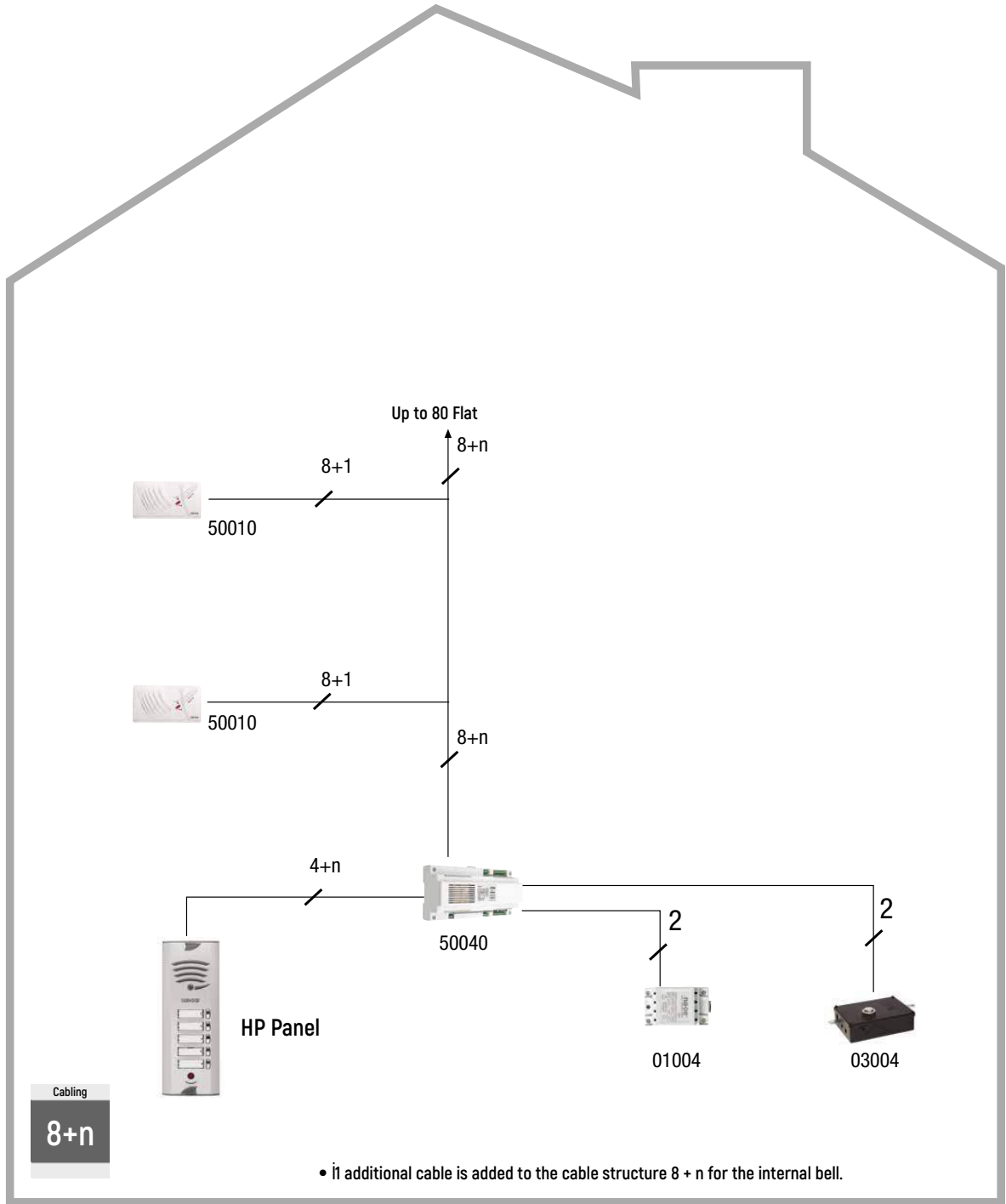
## FOR 1 LINE BUTON PANELS

FLAT NO	MAIN	EXT1	EXT2
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 2 LINE BUTTON PANELS

FLAT NO	MAIN	EXT1	EXT2
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	HSC16-313mm	
28	HPÇ10-313mm	HSC18-313mm	
30	HPÇ12-339mm	HSC18-339mm	
32	HPÇ12-339mm	HSC20-339mm	
34	HPÇ14-365mm	HSC20-365mm	
36	HPÇ14-365mm	HSC22-365mm	
38	HPÇ16-391mm	HSC22-391mm	
40	HPÇ16-391mm	HSC24-391mm	
42	HPÇ18-418mm	HSC24-418mm	
44	HPÇ18-418mm	HSC26-418mm	
46	HPÇ20-444mm	HSC26-444mm	
48	HPÇ20-444mm	HSC28-444mm	
50	HPÇ22-470mm	HSC28-470mm	
52	HPÇ22-470mm	HSC30-470mm	
54	HPÇ24-496mm	HSC30-496mm	
56	HPÇ24-496mm	HSC32-496mm	
58	HPÇ14-365mm	HSC22-365mm	HSC22-365mm
60	HPÇ16-391mm	HSC22-391mm	HSC22-391mm
62	HPÇ16-391mm	HSC22-391mm	HSC24-391mm
64	HPÇ16-391mm	HSC24-391mm	HSC24-391mm
66	HPÇ18-418mm	HSC24-418mm	HSC24-418mm
68	HPÇ18-418mm	HSC24-418mm	HSC26-418mm
70	HPÇ18-418mm	HSC26-418mm	HSC26-418mm
72	HPÇ20-444mm	HSC26-444mm	HSC26-444mm
74	HPÇ20-444mm	HSC26-444mm	HSC28-444mm
76	HPÇ20-444mm	HSC28-444mm	HSC28-444mm
78	HPÇ22-470mm	HSC28-470mm	HSC28-470mm
80	HPÇ22-470mm	HSC28-470mm	HSC30-470mm
82	HPÇ22-470mm	HSC30-470mm	HSC30-470mm
84	HPÇ24-496mm	HSC30-496mm	HSC30-496mm
86	HPÇ24-496mm	HSC30-496mm	HSC32-496mm
88	HPÇ24-496mm	HSC32-496mm	HSC32-496mm

APARTMENT TYPE INTERCOM DIAGRAM



IN FIRE



[www.na-de.com.tr](http://www.na-de.com.tr)

**na·de**<sup>®</sup>

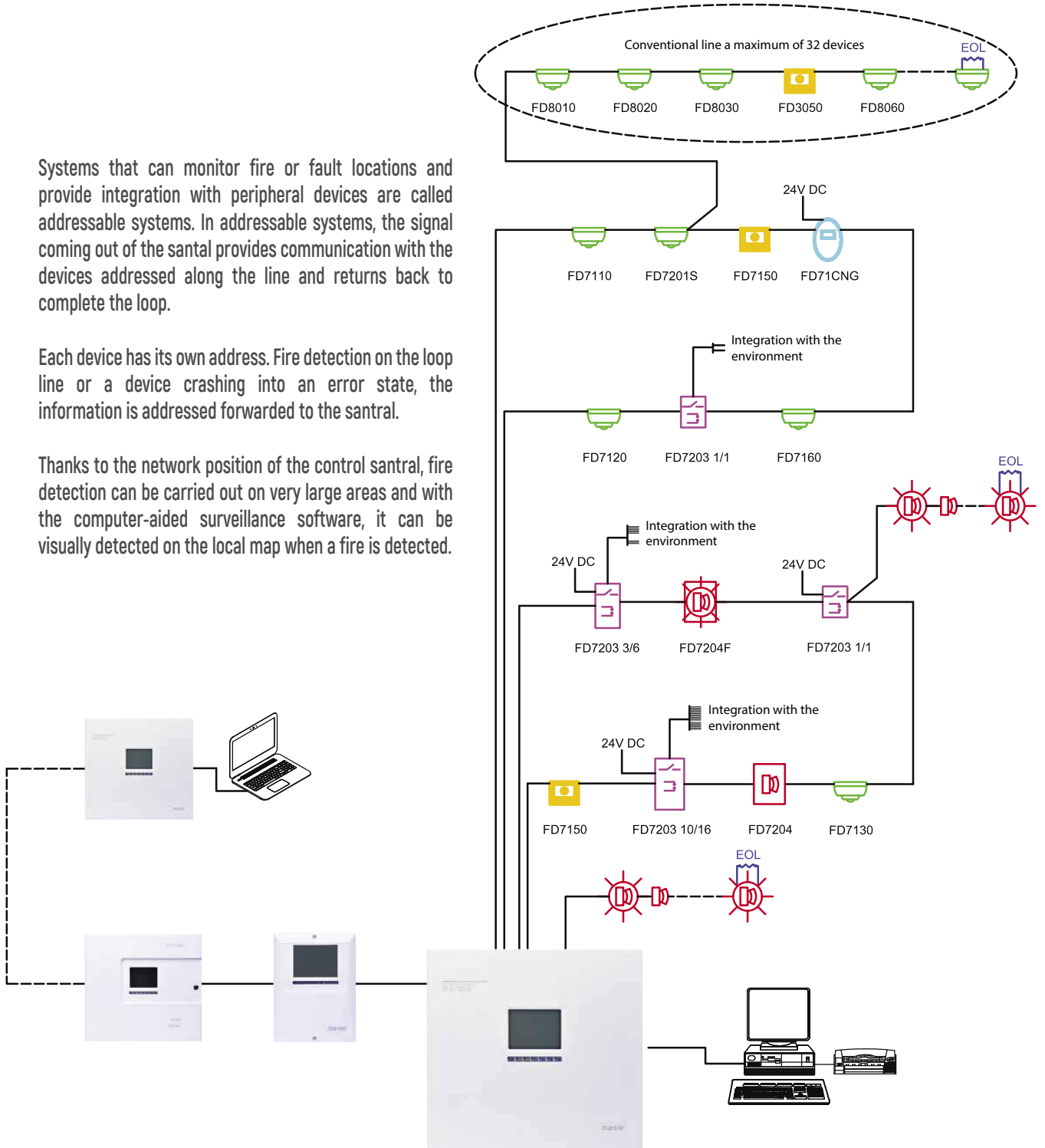
## Addressable Fire Alarm Systems

IN FIRE

Systems that can monitor fire or fault locations and provide integration with peripheral devices are called addressable systems. In addressable systems, the signal coming out of the santral provides communication with the devices addressed along the line and returns back to complete the loop.

Each device has its own address. Fire detection on the loop line or a device crashing into an error state, the information is addressed forwarded to the santral.

Thanks to the network position of the control santral, fire detection can be carried out on very large areas and with the computer-aided surveillance software, it can be visually detected on the local map when a fire is detected.



## Addressable Fire Detectors

### IFS7002 FIRE ALARM SUPPLY

- Touch Panel Screen
- Single Loop Signal System
- Supports 125 Addresses
- Inclusion of up to 64 Locations
- 2 adjustable outputs
- Permanent Archive Memory up to 1023 events
- 1 x CAN Interface
- 1 x RS232 Interface



### IFS7002/2 FIRE ALARM SUPPLY

- Touch Panel Screen
- 2 loops signal system
- Supports 250 Addresses
- Inclusion of up to 250 Locations
- 2 adjustable outputs
- Three relay outputs
- Permanent Archive Memory up to 1023 events
- 2 x CAN Interface
- 1 x RS232 Interface



### IFS7002/4 FIRE ALARM SUPPLY

- Touch Panel Screen
- 4 loopssignalsystem
- Supports 500 addresses
- Inclusion of upto 500 Locations
- 2 adjustableoutputs
- Permanent Archive Memory up to 2046 events
- 2 x CAN Interface
- 1 x RS232 Interface



### IFS7002/R FIRE ALARM SUPPLY

- Touch Panel Screen
- Internal Buzzer
- Repeater panel



IN FIRE

## IFS7000 Serie Addressable Fire Alarm Systems General features

- Simple operation with touchscreen graphic LCD
- Multi-language option
- 125 address capacity per loop
- Automatic addressing via the central
- Compliance with the standards EN 54-2 and EN 54-4
- Network operation with address panel of the IFS 7002 series
- Real time clock
- Input / output modules that can be connected to the connectable central loop
- Operation overnight / day
- Test mode for the central
- Manufactured using surface mounting technology
- Protection against electromagnetic interference

- A permanent check for fire and fault conditions (short circuit, open circuit, etc.)
- Automatic loop detection of device type and parameters
- Detection of the removed devices from the loop
- Two-way information exchange between the control center and devices on the loop
- Two-stage fire status, programmable time for each zone
- Countdown timer with monitoring of the waiting time of an alarm on the screen
- Buzzer for the fire detector
- Error status buzzer
- Possibility of networking with FS5200E fire extinguishing center
- With 'NA-DE INTELLECT' it is possible to monitor the fire detection system graphically on a PC

## Addressable Fire Detectors

### FD7110 FIXED TEMPERATURE HEAT DETECTOR

- Internal Isolators



### FD7120 HEAT AND RISING HEAT DETECTOR

- Spot type lock included
- Heat and rising heat fire detector
- Internal Isolators



### FD7130 OPTICAL SMOKE DETECTOR

- Internal Isolators



### FD7160 SMOKE AND HEAT DETECTOR

- Optical Smoke and Heat Detector
- Internal Isolators



Optical smoke detectors can be used wherever the smoke effect of a fire can take precedence. Examples are offices, schools, business centers, conference rooms, hotels, factories, warehouses, workshops, hospitals etc.

Dust, steam where fire heat can take precedence or smoke detectors can often trigger false alarms due to the ambient conditions. Can heat detectors be used in these areas.

Ex; Kitchens, Garages-Car Parks, Cold Storage Rooms, Laundry Rooms Factories etc.

Where the effects of smoke and temperature in a fire are varied in one area, combined detectors (smoke and heat) are recommended for use.

For example industrial plants, paper materials and areas with fuel-like materials and the plate rooms etc.

### FD7150R FIRE ALARM BUTTON

- Resettable
- Transparent
- Without Cover
- Internal Isolators



### FD71CNG ADDRESSABLE GAS DETECTOR

- Detects metan gas
- Status shown with LED indicator and internal siren
- EN50194-1
- Needs 18-30 V DC additional power supply





## Addressable Input / Output Modules

FD7203 10/16

- 10 Inputs
- 16 Output
- ExternalSupply



FD7203 3/6

- 3Inputs
- 6 Outputs
- ExternalSupply



FD7203

- Conventional System Addressing Adapter
- ExternalSuppl
- 1 Input
- 1 Output



IN FIRE

Elevators, fans, card ID cards etc. must be checked as part of the fire automation. The parts of the mechanical components of the building and fire-fighting equipment such as the extinguishing of gas are monitored by input modules and are integrated into the fire alarm system. When checking the operation, the output module is used for the input / output modules.

### Examples of the monitoring bodies

- Sprinkler system is activated
- Pressure fan is activated
- Info on / off of smoke damper
- The butterfly valve is closed
- Earthquake sensor is activated
- Info on / off of fire damper
- Emergency light is activated
- Emergency announcement is activated
- Input (monitoring) of input / output modules

Input - Output Module Monitoring

NA-DE Addressable fire alarm system and warning systems

Input - Output Module Control

### Output (control) of input / output modules

- Elevator control
- Pressurization fans control
- Smoke dampers control
- Fire dampers control
- Energy input control
- Card pass control
- Air conditioning system control
- Emergency lighting control
- Emergency announcement control

### FD7201SA ADAPTER

- Conventional System Addressing Adapter
- External Supply



### FD7201S ADAPTER

- Conventional System Addressing Adapter
- External Power Supply
- Suitable to work with DB7100A



The conventional detectors and buttons that are used locally in addressable fire alarm systems are integrated on the addressing system with addressing modules.

### FD7204 SIREN

- Isolator included Siren
- Suitable to work with DB7100 lower base



### FD7204F Sirene

- Isolator included Siren and Warning Light
- Suitable to work with DB7100 lower base



No separate wiring is required for the siren in the fire alarm system, which can be included in cause-and-effect scenarios, and the operating energy, which can be in the addressable sirens via loop, are frequently used in areas such as hotel rooms.

### DB7100 BASE

- Standart Detector Base



### YKB02A

- Pipe-type smoke detector
- Addressable smoke detectors
- from a remote LED display
- detects the smoke in the pipe or in the vent



**YKB02A;** is used for smoke detection in the ventilation ducts. The body part is mounted on the outside of the ventilation duct. The smoke pipe enters the duct and then reaches the detector through the air pipe. The air taken up by the air circulation returns to the duct through the outlet pipe. If there is smoke in the circulating air, an alarm is carried out.

## 4000 SERIE Conventional Fire Alarm System

### Conventional system

In conventional systems, which are simpler in terms of structure and operating logic, detectors and buttons are connected to the zone lines of the conventional fire detection panel connected.

By connecting a termination resistor at the end of each zone line, it is ensured that the central line control over this resistor. Short circuit in zone line or when an open circuit error occurs, the central cannot follow the end of line resistance and warns the user with an error.

In the event of a fire, the detection detector or the alarm resistance of the active fire alarm button is activated and change occurs in the equivalent resistance of the zone line. The change in resistance changes the current in the range line. Conventional fire alarm systems also monitor this current change and carry out fire detection and warning processes. For this reason, the fire source is determined regionally in conventional systems. 32 fire alarm devices can be connected to each zone line.

Regional fire detection and warning systems based on notifications in places where there is easy access to the region where a fire is occurring during a fire and where there are few independent areas (Low-rise buildings, open-air storage, small buildings in a café and restaurant style for entertainment and gathering, etc.) are economic systems that are suitable for use.

FS4000/2 Fire Alarm Santral (2 Zone)

FS4000/4 Fire Alarm Santral (4 Zone)

FS4000/6 Fire Alarm Santral (6 Zone)

FS4000/8 Fire Alarm Santral (8 Zone)



IN FIRE

### FS4000 SERIES GENERAL CHARACTERISTICS OF CONVENTIONAL FIRE PROTECTION STATION

- Compliance with the standards EN 54 -2 EN 54 -4
- Easy installation, LED display
- Additional fire relay output option for each area.
- Possibility to assign a delay of 1, 2, 3, 4, 5, 6 or 7 minutes to the outputs
- Test mode and deactivation for each area
- Compatibility with the conventional repeater FS5200R
- Network up to 15 panels with repeat panels
- Possibility to deactivate emergency exits
- Display of siren errors, grounding errors, network errors, battery errors etc.
- 2 fire relays,
- 2 conventional siren outputs
- 1 fault relay output

### FD4201 2/4/6/8 Exp. Module

- Conventional relay expansion module
- Relay output for 2/4/6/8 fires
- RS485 interface



### FS 5100 FIRE ALARM CENTRAL

- LCD screen
- 2 fire lines
- 2 siren outputs
- 2 relay outputs for fire
- Relay output for an error.
- Increase the number of regions with expansion modules
- Permanent Archive backup
- 84 event recording
- Compatibility with the conventional repeater FS5200R



### 5101 EXPANSION MODULE

- FS5100 Supply expansion module
- 3 Units of FIRE lines
- 3 Outputs of relay for FIRE



### 5102 EXPANSION MODULE

- For FS5100 Supply expansion module
- 6Units of FIRE lines
- 3 Outputs of relay for FIRE



## 5200 SERIE Conventional Fire Alarm Systems

### FS5100 FIRE ALARM SUPPLY

- 2 Units of FIRE lines
- 2 Units of siren output
- 2 Outputs of relay for FIRE
- 1 Outputs of relay for breakdown
- Permanent Archive Memory
- LCD screen
- Record feature up to 34 events



### FS5200R REPEATER PANEL

- FS5200R Repeater Panel
- 1 Outputs of relay for FIRE
- 1 Outputs of relay for breakdown
- RS485 Interface



### 5201 EXPANSION MODULE

- Suitable with FS5200 Supply
- 8 Units of FIRE lines



### 5202 EXPANSION MODULE

- Suitable with FS5200 Supply
- 8 Units of FIRE lines
- 1 Unit of siren output



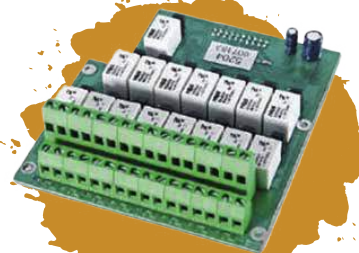
### 5203 EXPANSION MODULE

- Suitable with FS5200 Supply
- 8 Units of FIRE lines



### 5204 EXPANSION MODULE

- Suitable with FS5200 Supply
- 16 Units of FIRE lines



IN FIRE

## Conventional Fire Alarms

FD8010 Fixed Heat Detector

- Fixed temperature heat detector



FD8020 Heat rise Detector

- Rate of rise heat detector



FD8030 Optical Smoke Detector

- Optic Smoke Detector



FD8060 Combined (Optical Smoke + Heat)

- Combined Detector
- Optical Smoke and Heat Detection



The optical smoke detector can be used in all areas where the fire smoke effect can have priority. For example; Offices, schools, business centers, meeting rooms, hotels, factories, warehouses, workshops, hospitals, etc.

Where smoke detectors can often cause false alarms due to the ambient conditions, heat detectors are used in very dusty, steamy areas where fire heat can have priority.

Use of the relevant areas of kitchens, garage parking spaces, cold rooms, washrooms, factories, apartments, ironing rooms etc.

The use of a combined detector (smoke and heat) is recommended in places where the order of smoke and temperature effects may vary in the event of a fire in the area.

FD8040

- Spot Type Optical Flame FIRE Detector
- Locking option available



YKB02K

- Pipe-type smoke detector
- Conventional smoke detectors
- from a remote LED display
- detects the smoke in the pipe or in the vent



**FD8040;** It provides a reliable warning of the early warning of the fire situation that occurs when the flame's infrared emission is detected. It can be used in places where other types of fire detectors are not used.

## Conventional Fire Alarm Devices

### DB8000 Base

- Standart Detector Base



### FD8204C Internal Siren

- Internal siren



### FD3050 Fire Alarm Button

- FIRE Alarm Button
- 10-30VDC
- Resettable
- Transparent and without cover



### SB 112F External siren

- External Siren
- 110dB
- 12-30V



### RI31 Parallel Warning Light

- Parallel Notification Lamp



### RI31S Buzzer

- Distance- Sound Indicator



### AKV01 BATTERY

- 12V / 4,5Ah
- Suitable with 1 Loop-Conventional
- Addressable Switchboard

### AKV02 BATTERY

- 12V / 18Ah
- Suitable with 2 and 4 loops
- Addressable Switchboard

### Intellect Computer Monitoring Software

- Displaying interface of fire alarm systems
- Suitable with IFS7000 Fire alarm Systems
- Suitable with FS5100, FS5200 Conventional Fire alarm Systems



## Conventional Fire Alarms

### TR6100-1 20-40 BEAM SMOKE DETECTOR

- BEAM Smoke Detector
- 20-40meters detection area
- Reflector Included

### TR6100-3 40-70 BEAM SMOKE DETECTOR

- BEAM Smoke Detector
- 70-100 Meter
- Reflector

### CYS-9024 POWER SOURCE

- 24V / 3A Power Source
- 35Unit siren connectable

### CYS-18024 POWER SOURCE

- 24V / 7,5A Power Source
- 50 Unit siren connectable

### FS5200P Power Supply

- Input voltage (187-253) V AC, 50Hz;
- Maximum consumption capacity: 120 A;
- Output voltage: (17-28) V DC;
- Output current (within the main power supply) - up to 3.5A (permanent)
- Output current (in the case of a lack of main power supply and with a complete spare battery): up to 3.5A / 2h;
- Replacement battery: 2x12V DC / 7Ah



### TR6100-2 40-70 BEAM SMOKE DETECTOR

- BEAM Smoke Detector
- 40-70 meters detection area
- Reflector Included

### CYS-4024 POWER SOURCE

- 24V / 1.5A Power Source
- 10 Unit siren connectable

### CYS-12024 POWER SOURCE

- 24V - 5A, Power Source
- 35 Unit siren connectable

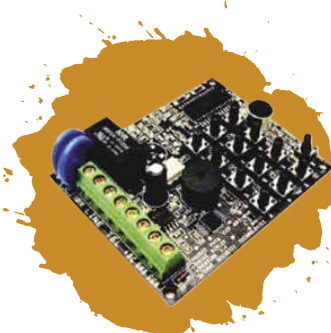
### CO Detector

### Natural Gas Detector

### Earthquake Sensör

### TD-110 CALL UNIT

- Phone Call Unit



### DB8000R Relay Detector Base

- Relay Detector Base





## 5200E SERIE Conventional Fire Alarm Devices

### FS5200E FIRE EXTINGUISHING SWITCHBOARD

- 3 fire alarm lines
- 2 alarm line purpose for the fire extinguisher
- Number of 2 firefighting uncontrolled alarm line
- RS485 interface



### FD5301 REPEATER PANEL

- Provides control over firefighting procedures
- Repeated firefighting procedures
- FS5200E Compatible with Station



### FD3050Y MANUAL RELEASE BUTTON

- Used to activate the deletion manually
- Compatible with Station



### FD3050G EMERGENCY STOP BUTTON

- Used to carry out the deletion
- Allows to increase the evacuation time
- FS5200E Compatible with Station



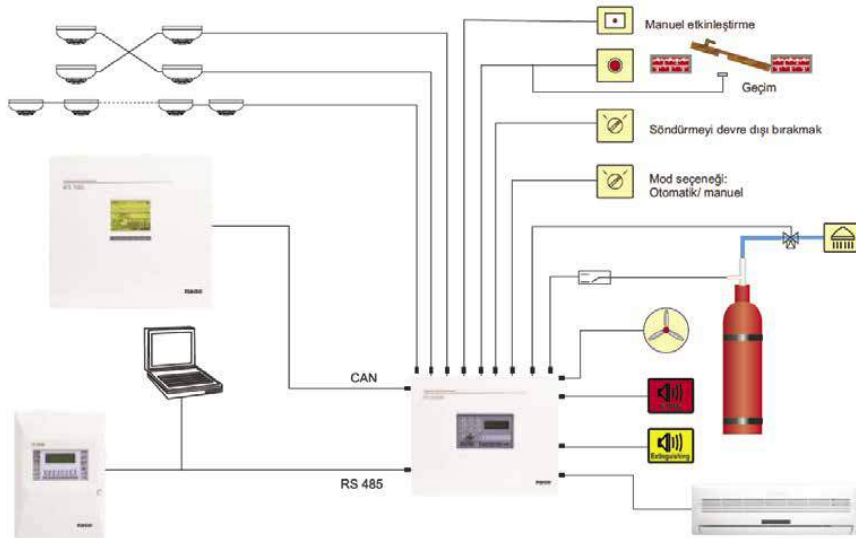
### FD3050B Additional manual release button

- Is used to activate the automatic fire extinguisher
- FS5200E Compatible with Station



### FD 5302 SELECTION KEY

- Operation of the Station
- FS5200E system is used for selection

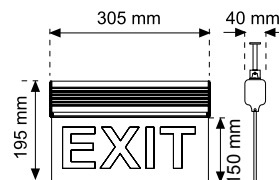
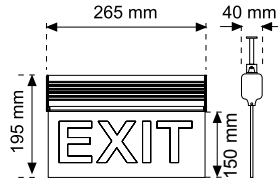


## Emergency Light and Emergency Guide

IN FIRE

### 17110-265mm / 305mm

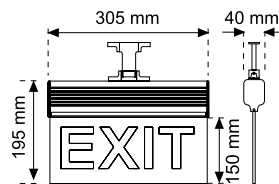
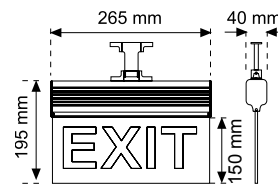
-LED Emergency Sign Lighting Armatures- Suspension with Double Sided Chain\*\*\*



Working Voltage	Mode	Power
85-230V - 50/60Hz	M	2W
Works In Emergency	Battery Type	Working Temperature
2 H	1x2V 1000 mAh AA Ni-Mh	-20°C ~ +40°C
Protection Class	CE LED	
IP 20	II Class	

### 17120-265mm / 305mm

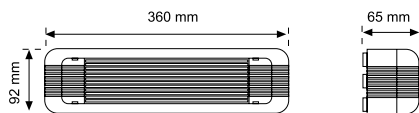
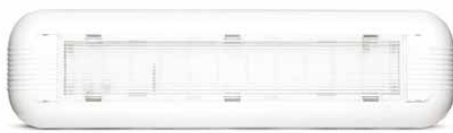
-LED Emergency Sign Lighting Armatures - Hanging Type, (Double Sided)\*\*\*



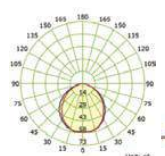
Working Voltage	Mode	Power
85-230V - 50/60Hz	M	2W
Works In Emergency	Battery Type	Working Temperature
2 H	1x2V 1000 mAh AA Ni-Mh	-20°C ~ +40°C
Protection Class	CE LED	
IP 20	II Class	

### 15036 (Surface) / 16036 (Recessed)

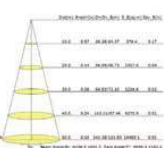
- Emergency lighting armature (Non-Maintained - Surface Mounting



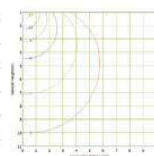
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



Working Voltage	Mode	Power
230-240V - 50/60Hz	NM	2W
Lumen	Works In Emergency	Battery Type
130 LM	3 H	1x2V 1000 mAh AA Ni-Mh
Working Temperature	Protection Class	LED
-20°C ~ +40°C	IP 20	II Class



### \*\*\*Emergency Stickers



N-Special

Special Sticker



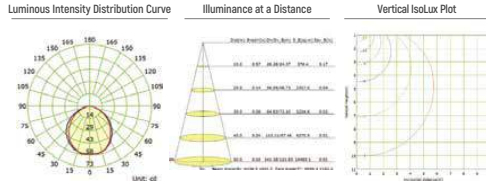
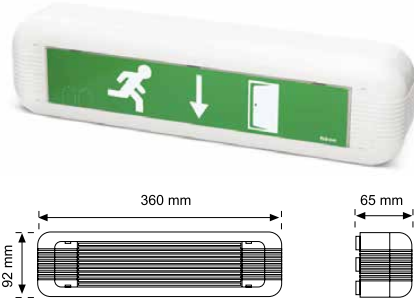
ELEKTRİK | OTOMASYON | AYDINLATMA



## Emergency Light and Emergency Guide

### 15036 (Surface) / 16036 (Recessed)

- Emergency lighting armature (Non-Maintained)  
- Surface Mounting - Sticker Included\*\*\*

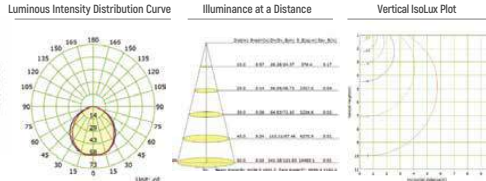
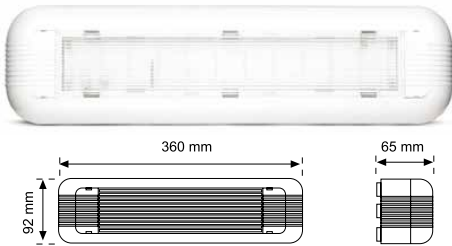


Working Voltage	Mode	Power
230-240V - 50/60Hz	NM	4W
Lumen	Non-Maintained	Consumption
130 LM	Works in Emergency	Battery Type
3 H	3 H	3x(2V 2000 mAh AA Ni-Mh)
Working Temperature	Protection Class	LED
-20°C ~ +40°C	IP 20	II Class



### 15136 (Surface) / 16136 (Recessed)

- Emergency lighting armature (Non-Maintained - Surface Mounting)

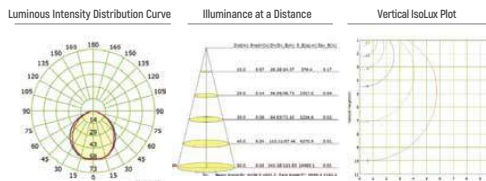
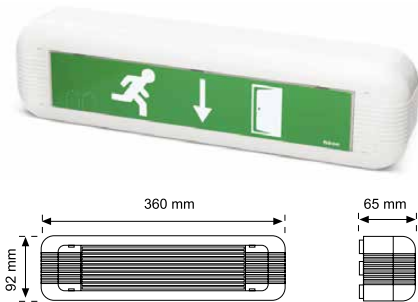


Working Voltage	Mode	Power
230-240V - 50/60Hz	M	6W
Lumen	Maintained	Consumption
130 LM	Works in Emergency	Battery Type
3 H	3 H	3x(2V 2000 mAh AA Ni-Mh)
Working Temperature	Protection Class	LED
-20°C ~ +40°C	IP 20	II Class



### 15136 (Surface) / 16136 (Recessed)

- Emergency lighting armature (Non-Maintained - Surface Mounting)



Working Voltage	Mode	Power
230-240V - 50/60Hz	M	6W
Lumen	Maintained	Consumption
130 LM	Works in Emergency	Battery Type
3 H	3 H	3x(2V 2000 mAh AA Ni-Mh)
Working Temperature	Protection Class	LED
-20°C ~ +40°C	IP 20	II Class



### \*\*\*Emergency Stickers

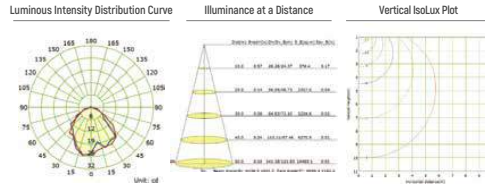
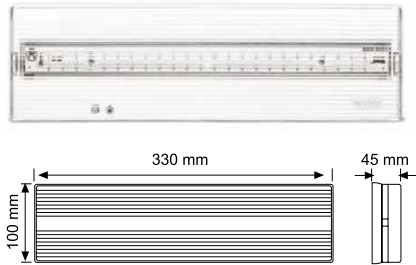


N-Special  
Special  
Sticker

## Emergency Light and Emergency Guide

IN FIRE

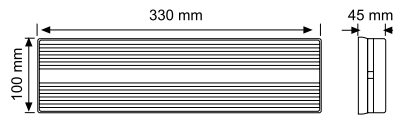
### 20024 · Emergency Lighting Armature · Non Maintained 2 hours



Working Voltage	Mode	Power
230-240V-50/60Hz	NM	2.8W
Lumen	Non-Maintained	Consumption
130 LM	Works In Emergency	Battery Type
2 H	IP 20	3x2V 2100 mAh AA Ni-Mh
Working Temperature	Protection Class	LED
-20°C ~ +40°C	II Class	



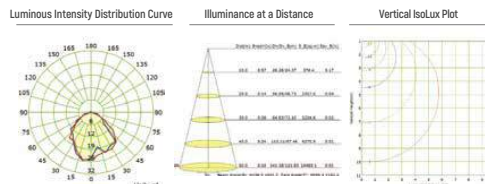
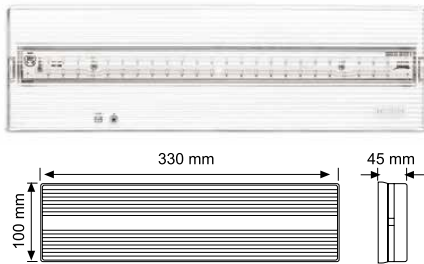
### 20024 · Emergency Lighting Armatur · Non Maintained 2 hours · Sticker Included\*\*\*



Working Voltage	Mode	Power
230-240V-50/60Hz	NM	2.8W
Lumen	Non-Maintained	Consumption
130 LM	Works In Emergency	Battery Type
2 H	IP 20	3x2V 2100 mAh AA Ni-Mh
Working Temperature	Protection Class	LED
-20°C ~ +40°C	II Class	



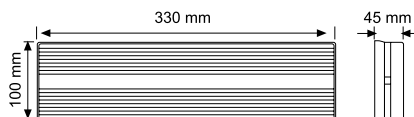
### 20124 · Emergency Lighting Armature · Maintained 2 hours



Working Voltage	Mode	Power
230-240V-50/60Hz	M	5W
Lumen	Maintained	Consumption
130 LM	Works In Emergency	Battery Type
2 H	IP 20	3x2V 2100 mAh AA Ni-Mh
Working Temperature	Protection Class	LED
-20°C ~ +40°C	II Class	



### 20124 · Emergency Signs Label · Emergency Lighting Armature · Maintained 2 hours\*\*\*



Working Voltage	Mode	Power
230-240V-50/60Hz	M	5W
Lumen	Maintained	Consumption
130 LM	Works In Emergency	Battery Type
2 H	IP 20	3x2V 2100 mAh AA Ni-Mh
Working Temperature	Protection Class	LED
-20°C ~ +40°C	II Class	



### \*\*\*Emergency Stickers



N-Special

Special Sticker



## Emergency Light and Emergency Guide

17000



- LED emergency lighting apparatus
- Flush Mount



17001



- LED emergency lighting apparatus
- Flush Mount



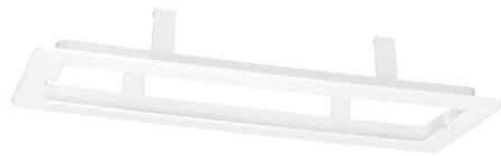
17002



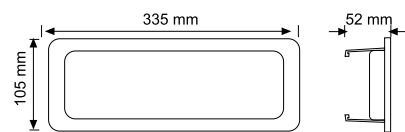
- LED emergency lighting apparatus
- Flush Mount



19141



- LED emergency lighting apparatus
- Flush Mount For 20024 and 20124



# na·De®



We take responsibility for you  
to make your life safer

IN LIGHT

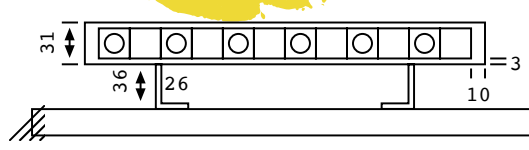
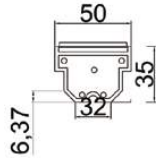
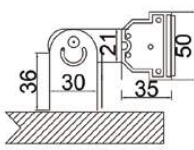


[www.na-de.com.tr](http://www.na-de.com.tr)

**na·de**<sup>®</sup>

## Wall Washer

LINEPOWER CLASSIC  
320 / 620 / 920 / 1220



X (Länge - LENGHT)
320
620
920
1220

LINEPOWER CLASSIC is slim and stylish LED outdoor lighting fixture that is designed to be used in architectural lighting.

- Different Length Options
- Different Body Color Options
- Different Fitting Options
- Different Light Options
- No UV, Mercury and Lead
- DMX, Dali, 1-10V and Remote Control Options
- Custom Design Option for Project
- Homogeneous Lighting in All LED Options
- Surface Mount and Recessed Mount Options



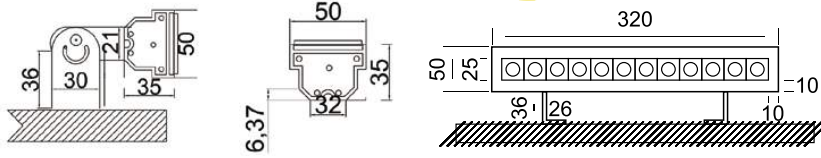
DATA SHEET	LINEPOWER 320 CLASSIC	LINEPOWER 620 CLASSIC	LINEPOWER 920 CLASSIC	LINEPOWER 1220 CLASSIC
LED Configuration	6	12	18	24
POWER CONSUMPTION	7 W	14 W	21 W	28 W
LUMEN OUTPUT				
Cool White	710 Lm	1420 Lm	2129 Lm	2839 Lm
Natural White	710 Lm	1420 Lm	2129 Lm	2839 Lm
Warm White	546 Lm	1092 Lm	1638 Lm	2184 Lm
RGB	246 Lm	492 Lm	738 Lm	984 Lm
Red	278 Lm	557 Lm	835 Lm	1114 Lm
Green	399 Lm	797 Lm	1196 Lm	1594 Lm
Blue	218 Lm	437 Lm	655 Lm	874 Lm
Amber	278 Lm	557 Lm	835 Lm	1114 Lm
WEIGHT	750 g	1500 g	2200 g	3000 g
DIMENSIONS	320x50x35 mm	620x50x35 mm	920x50x35 mm	1220x50x35 mm
INPUT VOLTAGE	180-265 V AC			
COLOR RANGE	2700K - 7000K, RGB, R, G, B, A			
BEAM ANGLE	10°, 15°, 25°, 10°x60°			
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C			
SOURCE LIFE	50 000 hours @70			
HOUSING	Anodized Aluminium			
IP (Protection Class)	IP66			
DIMMING	Dimmable (opt)			





## LINEPOWER PLUS 320 / 620 / 920 / 1220

## Wall Washer



X (Länge - LENGHT)
320
620
920
1220

LINEPOWER PLUS is slim and stylish LED outdoor lighting fixture that is designed to be used in architectural lighting.

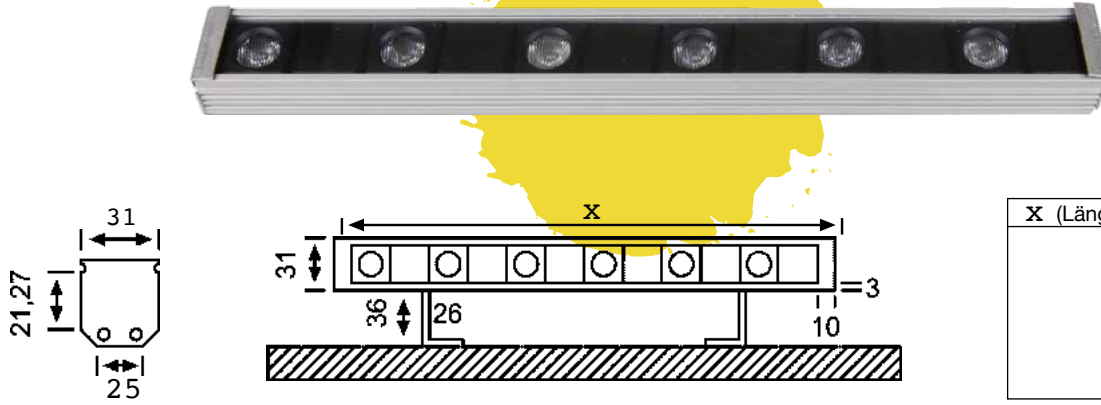
- Different Length Options
- Different Body Color Options
- Different Fitting Options
- Different Light Options
- No UV, Mercury and Lead
- DMX, Dali, 1-10V and Remote Control Options
- Custom Design Option for Project
- Homogeneous Lighting in All LED Options
- Surface Mount and Recessed Mount Options



	LINEPOWER 320 PLUS	LINEPOWER 620 PLUS	LINEPOWER 920 PLUS	LINEPOWER 1220 PLUS
DATA SHEET				
LED Configuration	12	24	36	48
POWER CONSUMPTION	14 W	28 W	42 W	56 W
LUMEN OUTPUT				
Cool White	1420 Lm	2839 Lm	4259 Lm	5678 Lm
Natural White	1420 Lm	2839 Lm	4259 Lm	5678 Lm
Warm White	1092 Lm	2184 Lm	3276 Lm	4368 Lm
RGB	492 Lm	984 Lm	1476 Lm	1968 Lm
Red	557 Lm	1114 Lm	1671 Lm	2228 Lm
Green	797 Lm	1594 Lm	2391 Lm	3189 Lm
Blue	437 Lm	874 Lm	1310 Lm	1747 Lm
Amber	557 Lm	1114 Lm	1671 Lm	2228 Lm
WEIGHT	800 g	1500 g	2200 g	3000 g
DIMENSIONS	320x50x35 mm	620x50x35 mm	920x50x35 mm	1220x50x35 mm
INPUT VOLTAGE	180-265 V AC			
COLOR RANGE	2700K - 7000K, RGB, R, G, B, A			
BEAM ANGLE	10°, 15°, 25°, 10°x60°			
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C			
SOURCE LIFE	50 000 hours @70			
HOUSING	Anodized Aluminium			
IP (Protection Class)	IP66			
DIMMING	Dimmable (opt)			

## Wall Washer

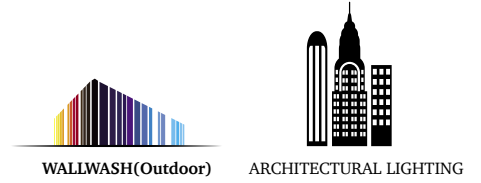
EVALINE CLASSIC  
320 / 620 / 920 / 1220



X (Länge - LENGHT)
320
620
920
1220

EVALINE CLASSIC 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 Options
- No UV, Mercury and Lead
- DMX, Dali, 1-10V and Remote Control Options
- Custom Design Option for Project
- Homogeneous Lighting in All LED Options
- Surface Mount and Recessed Mount Options

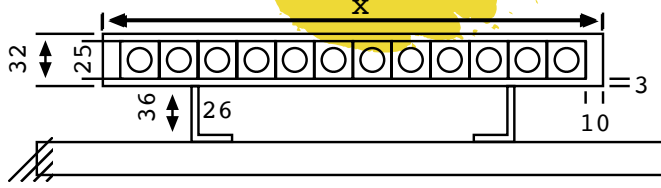
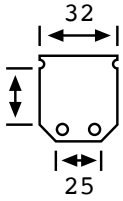


DATA SHEET	EVALINE 320 CLASSIC	EVALINE 620 CLASSIC	EVALINE 920 CLASSIC	EVALINE 1220 CLASSIC
LED Configuration	6	12	18	24
POWER CONSUMPTION	7 W	25 W	25 W	35 W
LUMEN OUTPUT				
Cool White	710 Lm	1420 Lm	2129 Lm	2839 Lm
Natural White	710 Lm	1420 Lm	2129 Lm	2839 Lm
Warm White	546 Lm	1092 Lm	1638 Lm	2184 Lm
RGB	246 Lm	492 Lm	738 Lm	984 Lm
Red	278 Lm	557 Lm	835 Lm	1114 Lm
Green	399 Lm	797 Lm	1196 Lm	1594 Lm
Blue	218 Lm	437 Lm	655 Lm	874 Lm
Amber	278 Lm	557 Lm	835 Lm	1114 Lm
WEIGHT	750 g	1500 g	2200 g	3000 g
DIMENSIONS	320x32x29 mm	620x32x29 mm	920x32x29 mm	1220x32x29 mm
INPUT VOLTAGE	180 - 265 V AC			
COLOR RANGE	2700K - 7000K, RGB, R, G, B, A			
BEAM ANGLE	30°x60°, 60°x90°, 60°x135°			
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C			
SOURCE LIFE	50 000 hours @70			
HOUSING	Anodized Aluminium			
IP (Protection Class)	IP20			
DIMMING	Dimmable			



## EVALINE PLUS 320 / 620 / 920 / 1220

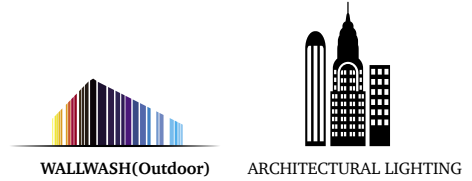
## Wall Washer



X (Länge - LENGHT)
320
620
920
1220

EVALINE PLUS 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 Options
- No UV, Mercury and Lead
- DMX, Dali, 1-10V and Remote Control Options
- Custom Design Option for Project
- Homogeneous Lighting in All LED Options
- Surface Mount and Recessed Mount Options



	EVALINE 320 PLUS	EVALINE 620 PLUS	EVALINE 920 PLUS	EVALINE 1220 PLUS
DATA SHEET				
LED Configuration	12	24	36	48
POWER CONSUMPTION	14 W	28 W	42 W	56 W
LUMEN OUTPUT				
Cool White	1420 Lm	2839 Lm	4259 Lm	5678 Lm
Natural White	1420 Lm	2839 Lm	4259 Lm	5678 Lm
Warm White	1092 Lm	2184 Lm	3276 Lm	4368 Lm
RGB	492 Lm	984 Lm	1476 Lm	1968 Lm
Red	557 Lm	1114 Lm	1671 Lm	2228 Lm
Green	797 Lm	1594 Lm	2391 Lm	3189 Lm
Blue	437 Lm	874 Lm	1310 Lm	1747 Lm
Amber	557 Lm	1114 Lm	1671 Lm	2228 Lm
WEIGHT	700 g	1350 g	1900 g	2600 g
DIMENSIONS	320x32x26 mm	620x32x26 mm	920x32x26 mm	1220x32x26 mm
INPUT VOLTAGE	180-265 V AC			
COLOR RANGE	2700K - 7000K, RGB, R, G, B, A			
BEAM ANGLE	30°x60°, 60°x90°, 60°x135°			
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C			
SOURCE LIFE	50 000 hours @70			
HOUSING	Anodized Aluminium			
IP (Protection Class)	IP20			
DIMMING	Dimmable (opt)			

## Flood Light MICRA GEN2



MICRA GEN2 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
- Custom Design Option for Project



ARCHITECTURAL LIGHTING FLOOD LIGHTING INDUSTRIAL LIGHTING



	MICRA GEN2 60	MICRA GEN2 80	MICRA GEN2 100	MICRA GEN2 150	MICRA GEN2 200	MICRA GEN2 250
DATA SHEET						
POWER CONSUMPTION	60 W	80 W	100 W	150 W	200 W	250 W
INPUT VOLTAGE	220 - 240 V AC		220 - 240 V AC		220 - 240 V AC	
POWER FACTOR	>0.9					
COLOR RANGE	2700 K-7000 K					
BEAM ANGLE	15°, 30°, 60°, 90°, 100° ASYMETRIC					
Working Temp. / OPERATING TEMPERATURE	- 10° / +40° C					
SOURCE LIFE	50 000 hours @70					
HOUSING	Powder Coating					
IP (Protection Class)	IP66					



## HIGH BAY



NYXX HIGH BAY is linear pendant light fixture that is designed with different light color and size options.

- Different Size Options
- Different Montage Options
- Different Light Options
- High Efficiency
- Custom Design Options



INDUSTRIAL LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING  
(indoor - outdoor)



DATA SHEET	NYXX HIGH BAY 55	NYXX HIGH BAY 105	NYXX HIGH BAY 155
LED Configuration	216	432	648
POWER CONSUMPTION	60 W	120 W	150 W
LUMEN OUTPUT			
Cool White	7200 Lm	14400 Lm	18000 Lm
Natural White	7000 Lm	14200 Lm	17800 Lm
WEIGHT	3.00 Kg	5.00 Kg	8.00 Kg
DIMENSIONS	550x150x50 mm	1050x150x50 mm	1550x150x50 mm
LUMEN / WATT	115 Lm/W	115 Lm/W	115 Lm/W
INPUT VOLTAGE		180-265 V AC	
COLOR RANGE		2700K - 7000K	
BEAM ANGLE		90x120° Asymmetric	
Working Temp. / OPERATING TEMPERATURE		-40° / +50° C	
SOURCE LIFE		50 000 hours	
HOUSING		Aluminium	
IP (Protection Class)		IP65	

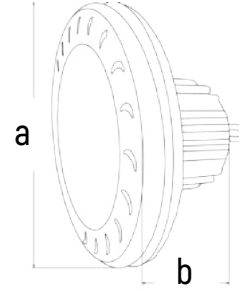
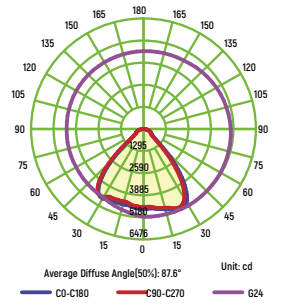
## HIGH BAY



NEW  
PRODUCT



Light intensity distribution curve

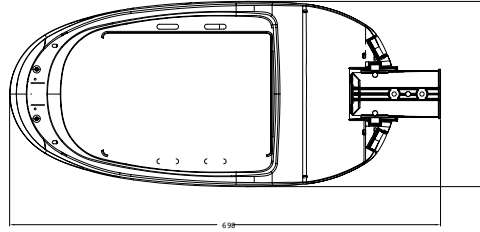
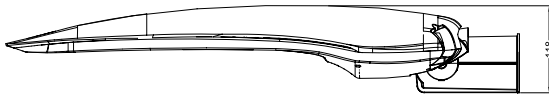


IN LIGHT

Code No	Power	Luminous Flux	Colour Temp.	Luminous Effic.	Dimensions	Pcs/Pack
HP	(W)	(lm)	(K)	(lm/W)	(mm) a b	
ND-150HGB	150	16500	4000-6500K	110	320*121	4
ND-200HGB	200	22000	4000-6500K	110	360*121	5
ND-100HGB-HP	100	13500	4000-6500K	135	280*121	4
ND-150HGB-HP	150	20250	4000-6500K	135	320*121	5
ND-200HGB-HP	200	27000	4000-6500K	135	360*121	1



## Street Lighting LS021-LS022 Streets



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

- Different Power Options
- Different Body Color Options
- Lampost Options
- Different Light Options
- Dimming (OPT)
- Custom design option for project



STREET LIGHTING (outdoor)



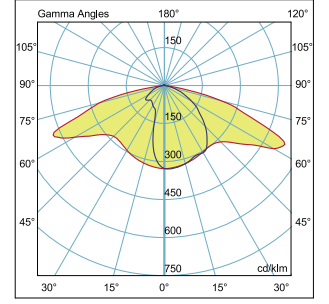
DATA SHEET	LS021 Street Lighting	LS022 Street Lighting
LED Configuration	48	24
POWER CONSUMPTION	100-120-140 W	60-80 W
LUMEN OUTPUT		
Cool White	15500 Lm	8500 Lm
Natural White	15500 Lm	8500 Lm
Warm White	14300 Lm	7500 Lm
WEIGHT	9.8 Kg	6.3 Kg
DIMENSIONS	365x858x133 mm	300x698x118 mm
DIAMETER		40-60 mm
POLE HEIGHT		6-15 mt
FREQUENCY		50-60 Hz
INPUT VOLTAGE		90 - 265 V AC
COLOR RANGE		3000 K-4000 K-5000 K
BEAM ANGLE		Asymetric
Working Temp. / OPERATING TEMPERATURE		- 40° / +60° C
SOURCE LIFE		50 000 hours @70
HOUSING		Aluminium Powder Coating
IP (Protection Class)		IP65
DIMMING		Non-dimmable

## Street Lighting

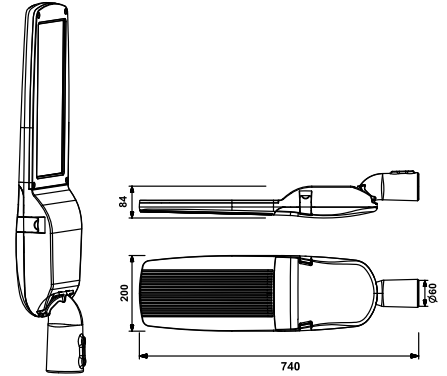
NEW  
PRODUCT



Light intensity distribution curve



180.0 — 0.0 65W LED  $\eta$ : 100.00%  
270.0 — 90.0



IN LIGHT

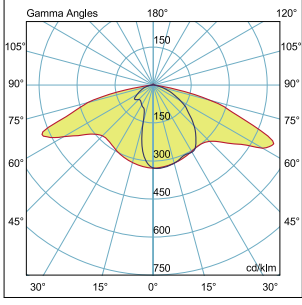
Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)
ND-50W-ST-TSE	50	5500	3000-4000-6500K	110
ND-60W-ST-TSE	60	6600	3000-4000-6500K	110
ND-75W-ST-TSE	75	8250	3000-4000-6500K	110
ND-50W-ST-ECO	50	5500	3000-4000-6500K	110
ND-60W-ST-ECO	60	6600	3000-4000-6500K	110
ND-75W-ST-ECO	75	8250	3000-4000-6500K	110



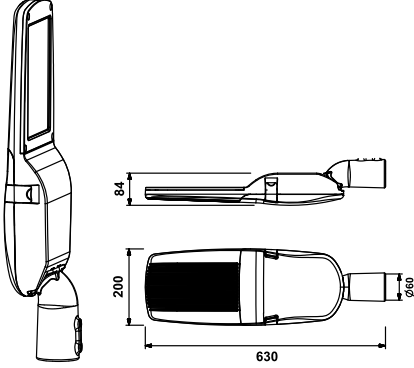
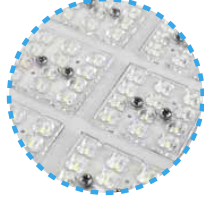
## Street Lighting

NEW  
PRODUCT

Light intensity distribution curve



180,0 — 0,0 65W LED  $\eta$ : 100,00%  
270,0 — 90,0



IN LIGHT

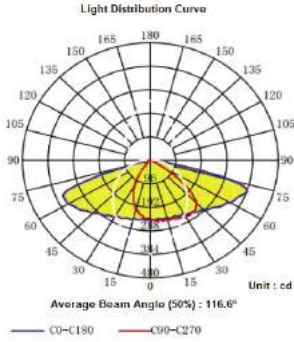
Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)
ND-100W-ST-ECO	100	11000	3000-4000-6500K	110
ND-120W-ST-ECO	120	13200	3000-4000-6500K	110
ND-150W-ST-ECO	150	16500	3000-4000-6500K	110
ND-100W-ST-ECO	100	11000	3000-4000-6500K	110
ND-120W-ST-ECO	120	13200	3000-4000-6500K	110
ND-150W-ST-ECO	150	16500	3000-4000-6500K	110



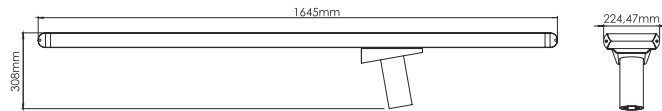
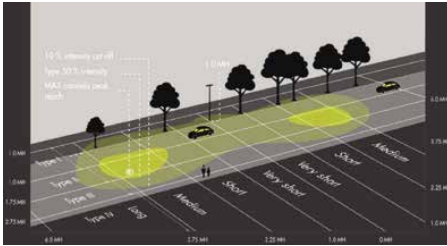
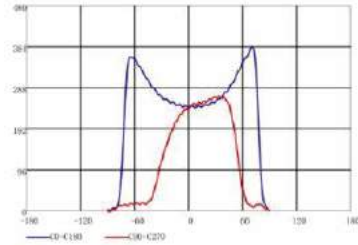
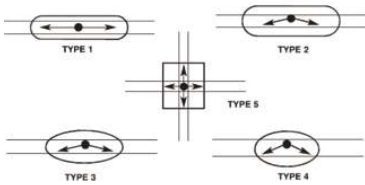
**SAVLIGHT SOLAR LIGHTING**

## SAVLIGHT SOLAR LIGHTING

NEW  
PRODUCT



### AREA LIGHTING CLASSIFICATIONS



### TECHNICAL CHARACTERISTICS

MODEL	Model solar street lighting	SavLight® 35	SavLight® 50	SavLight® 65	SavLight® 75	SavLight® 90	SavLight® 100	SavLight® 115
LIGHT SOURCE	Maximum light lumen	3873	5181	6554	7775	9050	10362	11587
	Led chip	SAMSUNG / CREE / SEOUL (LM80)						
	Color temperature	4000K high efficiency LED (on request 3000K-6500K)						
	Total light output% 90 Dod (lumen hours)	38486	50043	62865	75811	87188	87175	97100
	Led efficiency	Max. 223 Lumen / Watt						
	Lens efficiency	94%						
	Lens protection class	IP 65						
	Average light level	10-15 Lux (Post height and street width)						
	Minimal light level	5-10 Lux (Post height and street width)						
	Maximum light level	20-30 Lux (Post height and street width)						
SOLAR PANEL	Recommended post height	4-5 m	5-6 m	6-7 m	7-8 m	8-9 m	9-10 m	10-11 m
	Field lighting classification	IESNA Type 2, Type 3 and Type 4						
	Solar panel (W) (climbing)	51W	51W	64W	128W	166W	192W	192W
	SOLAR CELL EFFICIENCY	% 22 Highly efficient, 5 bus-bar Mono Perc cell						
BATTERIE	SOLAR PANEL LIFE	25 Year						
	Battery batteries Art	LiFePO4						
	Capacity	230 Wh	307 Wh	384 Wh	460 Wh	537 Wh	537 Wh	614 Wh
MPPT	Battery life	3000 Cycle at 25 °C 90% DoD (0.5 C in Decharge)						
	Hybrid system	Optional						
	Luminaire control	Smart / Time / Motion Detector						
	Charging time from direct sunshine	5 Hours	5 Hours	6 Hours	6 Hours	6 Hours	6 Hours	6 Hours
MECHANICAL PARTS	Running time% 90 DoD (10-15 Lux)	20 Hours	20 Hours	20 Hours	20 Hours	18 Hours	16 Hours	16 Hours
	Running time% 90 DoD (10-15 Lux)	33 Hours	32 Hours	32 Hours	32 Hours	32 Hours	28 Hours	28 Hours
	Body and battery box	Anodized Aluminium						
SIZE		1645 mm			2020 mm			

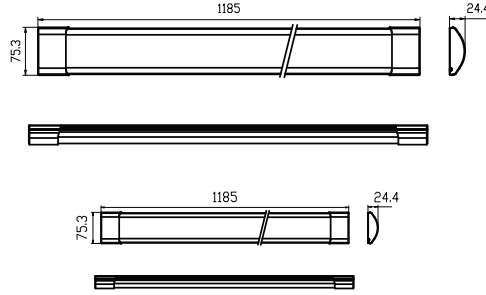
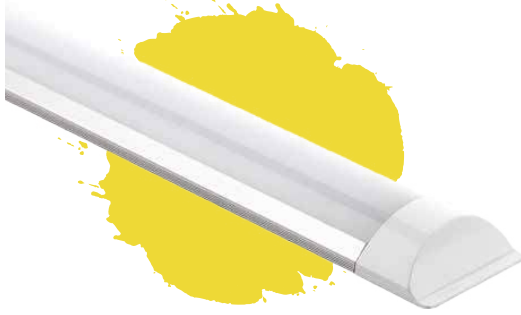
IN LIGHT

## LED Light

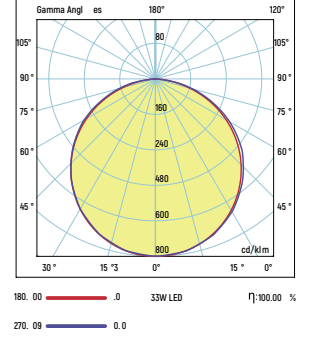
NEW  
PRODUCT



SURFACE  
MOUNT



Light intensity distribution curve



Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)	Dimensions (mm) a b c	Pcs/Pack
NLR-060-18LBA	18	1260	4000K	70	585*75,3*24,4	24
NLR-060-18LBA	18	1260	6500K	70	585*75,3*24,4	24
NLR-120-36LBA	36	2520	4000K	70	1185*75,3*24,4	24
NLR-120-36LBA	36	2520	6500K	70	1185*75,3*24,4	24
NLR-120-54LBA	54	3780	4000K	70	1185*75,3*24,4	24
NLR-120-54LBA	54	3780	6500K	70	1185*75,3*24,4	24

## LED Light

NEW  
PRODUCT

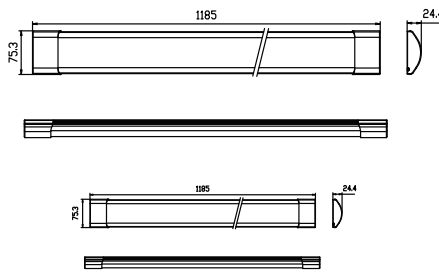


SURFACE  
MOUNT

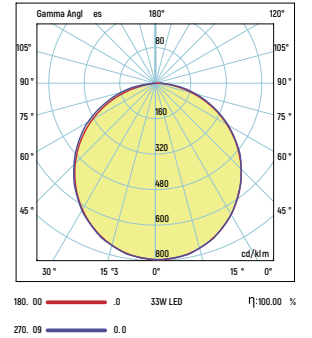
IN LIGHT



(With Socket)



Light intensity distribution curve



Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)	Dimensions (mm) a b c	Pcs/Pack
NLR060-18LBA	18	1260	4000K	70	585*75,3*24,4	24
NLR060-18LBA	18	1260	6500K	70	585*75,3*24,4	24
NLR0120-36LBA	36	2520	4000K	70	1185*75,3*24,4	24
NLR0120-36LBA	36	2520	6500K	70	1185*75,3*24,4	24
NLR0120-54LBA	54	3780	4000K	70	1185*75,3*24,4	24
NLR0120-54LBA	54	3780	6500K	70	1185*75,3*24,4	24

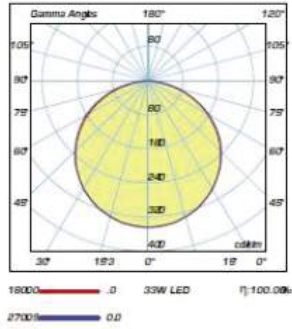
## LED Etage Light



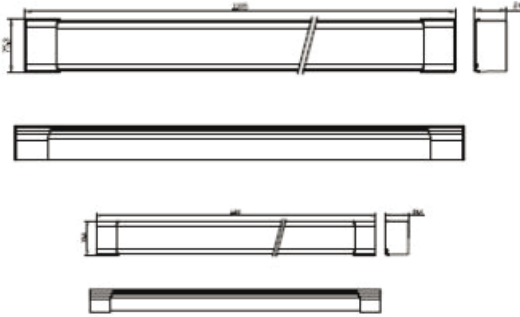
SURFACE  
MOUNT

NEW  
PRODUCT

Light intensity distribution curve



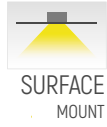
Technical Drawing



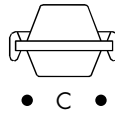
IN LIGHT

Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)	Dimensions (mm) a b c	Pcs/Pack
ND-060-18LEA	18	1260	3000K-6500K	70	585*75,3*24,4	24
ND-120-36LEA	36	2520	3000K-6500K	70	1185*75,3*24,4	24
ND-120-56LEA	54	3780	3000K-6500K	70	1485*75,3*24,4	24

## SITULA INDUSTRIAL ARMATURES



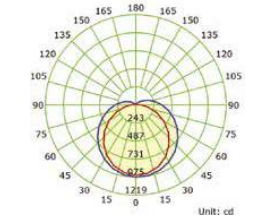
■ PMMA LGP



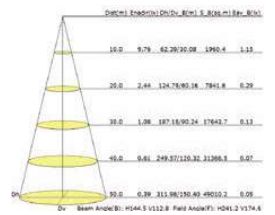
Code	(V)	(W)	Lumen	Kelvin	IP	LED Driver	A (mm)	B (mm)	C (mm)	Case Color
109.01.3413	220V	40W	3800	3000K	65	Available	1274	90	90	Grey
109.01.3414	220V	40W	3800	4000K	65	Available	1274	90	90	Grey
109.01.3416	220V	40W	3800	6500K	65	Available	1274	90	90	Grey



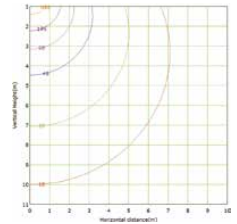
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot

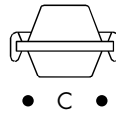
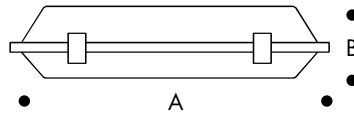


## SITULA HF (RADAR) SENSOR IP65 ARMATURE INDUSTRIAL ARMATURES



■ PMMA LGP

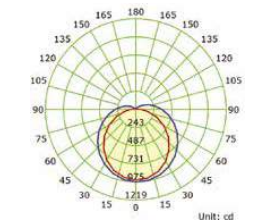
IN LIGHT



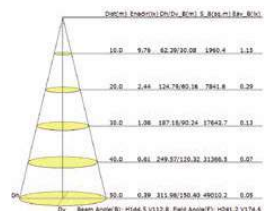
Code	(V)	(W)	Lumen	Kelvin	IP	LED Driver	A (mm)	B (mm)	C (mm)	Case Color
109.01.3413-R	220V	40W	3800	3000K	65	Available	1274	90	90	Grey
109.01.3414-R	220V	40W	3800	4000K	65	Available	1274	90	90	Grey
109.01.3416-R	220V	40W	3800	6500K	65	Available	1274	90	90	Grey



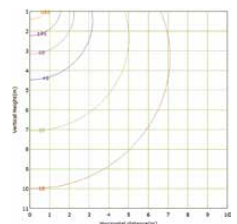
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot

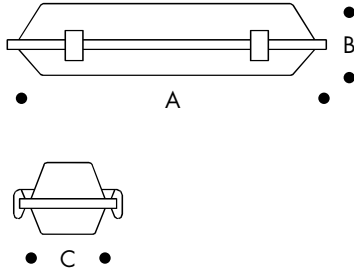


## INDUSTRIAL ARMATURES

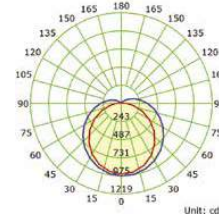
## SITULA EMERGENCY KIT IP65 ARMATURE



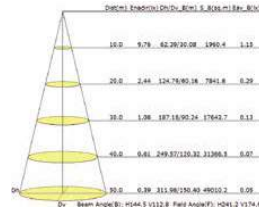
■ PMMA LGP



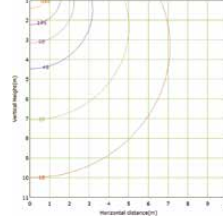
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



Code	(V)	(W)	Lumen	Emergency Kit	Kelvin	IP	LED Driver	A (mm)	B (mm)	C (mm)	Case Color
109.01.3413-1H	220V	40W	3800	1 H	3000K	65	Available	1274	90	90	Grey
109.01.3414-1H	220V	40W	3800	1 H	4000K	65	Available	1274	90	90	Grey
109.01.3416-1H	220V	40W	3800	1 H	6500K	65	Available	1274	90	90	Grey
109.01.3413-3H	220V	40W	3800	3 H	3000K	65	Available	1274	90	90	Grey
109.01.3414-3H	220V	40W	3800	3 H	4000K	65	Available	1274	90	90	Grey
109.01.3416-3H	220V	40W	3800	3 H	6500K	65	Available	1274	90	90	Grey

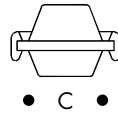
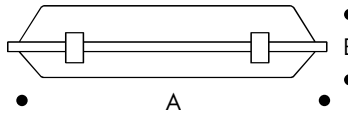


## SITULA HF (RADAR SENSOR) + EMERGENCY KIT IP65 ARMATURE

## INDUSTRIAL ARMATURES

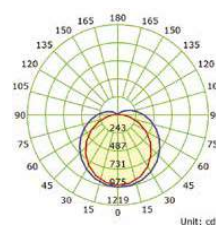


■ PMMA LGP

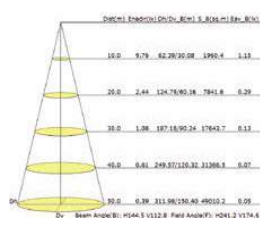


IN LIGHT

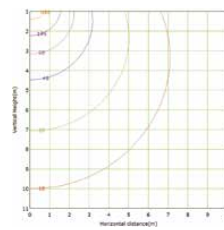
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



LED	220 V 50Hz	IP65
50,000s	CRI 80	Poly Carbonate Body
	SURFACE MONTAGE	CE

Code	(V)	(W)	Lumen	Emergency Kit	Kelvin	IP	LED Driver	A (mm)	B (mm)	C (mm)	Case Color
109.01.3413-1H-R	220V	40W	3800	1 H	3000K	65	Ja	1274	90	90	Grey
109.01.3414-1H-R	220V	40W	3800	1 H	4000K	65	Ja	1274	90	90	Grey
109.01.3416-1H-R	220V	40W	3800	1 H	6500K	65	Ja	1274	90	90	Grey
109.01.3413-3H-R	220V	40W	3800	3 H	3000K	65	Ja	1274	90	90	Grey
109.01.3414-3H-R	220V	40W	3800	3 H	4000K	65	Ja	1274	90	90	Grey
109.01.3416-3H-R	220V	40W	3800	3 H	6500K	65	Ja	1274	90	90	Grey



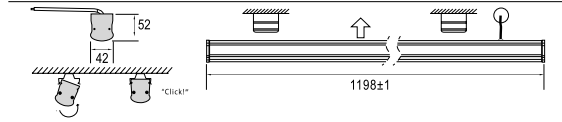


## MEISSA-F6 / F7

## LED-Linear Systems (LINEAR STRIPES)

MEISSA-F6

MEISSA-F7



Meissa F6 - F7, is led linear fixture that is designed for an interior.

- Low Power Consumption
- High Efficiency
- High Brightness
- No UV, Mercury and Lead
- Different mounting options
- Homogeneous Lighting in All LED Options



HOME & OFFICE  
LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING  
(indoor - outdoor)

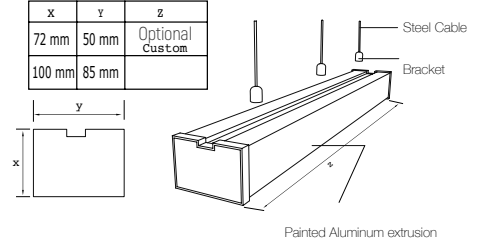


DATA SHEET

	NYXX MEISSA F6-9i	NYXX MEISSA F6-20i	NYXX MEISSA F6-40i
LED Configuration	58	116	116
POWER CONSUMPTION	9 W	20 W	40 W
LUMEN OUTPUT Natural White	900 Lm	2000 Lm	4000 Lm
WEIGHT	640 g	1300 g	1350 Kg
DIMENSIONS	600x45x55mm	1200x45x55 mm	1200x45x55 mm
INPUT VOLTAGE		180-265 V AC	
COLOR RANGE		2700K - 6500K	
BEAM ANGLE		120°	
Working Temp. / OPERATING TEMPERATURE		-10° / +50° C	
SOURCE LIFE		50 000 hours @L70	
HOUSING		Aluminium, Polycarbon	
CRI		>80	
IP ( Protection Class)		IP20 - IP67	
DIMMING		Dimmable (Opt)	

DATA SHEET

	NYXX MEISSA F7-9	NYXX MEISSA F7-20	NYXX MEISSA F7-40
LED Configuration	58	116	116
POWER CONSUMPTION	9 W	20 W	40 W
LUMEN OUTPUT Natural White	900 Lm	2000 Lm	4000 Lm
WEIGHT	825 g	1650 g	1700 Kg
DIMENSIONS	600x50x70mm	1200x50x70 mm	1200x50x70 mm
INPUT VOLTAGE		180-265 V AC	
COLOR RANGE		2700K - 6500K	
BEAM ANGLE		120°	
Working Temp. / OPERATING TEMPERATURE		-10° / +50° C	
SOURCE LIFE		50 000 hours @L70	
HOUSING		Aluminium, Polycarbon	
CRI		>80	
IP ( Protection Class)		IP20 - IP67	
DIMMING		Dimmable (Opt)	



LIARA LINEER 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 Power Colors
- High Efficiency
- No UV, Mercury and Lead
- Homogeneous Lighting in All Led Options
- Surface-Mounted and Pendant Mounting Options
- Case Color Options
- Homogeneous Lighting in All LED Options

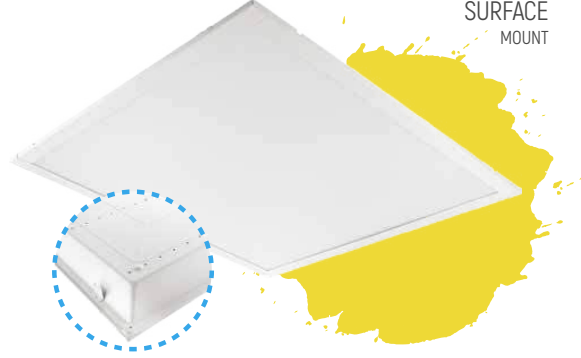
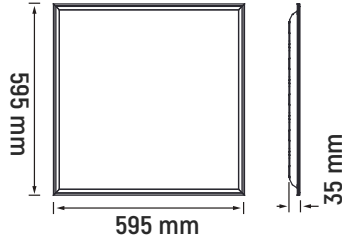
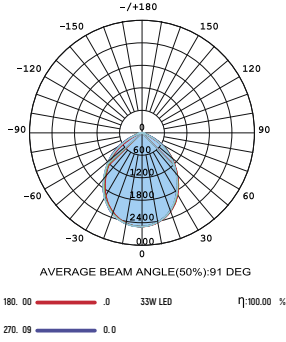


	LIARA 36 LINEER	LIARA 48 LINEER	LIARA 60 LINEER
DATA SHEET			
LED Configuration	36 LED/mt	48 LED/mt	60 LED/mt
POWER CONSUMPTION	17.28 W/mt	23.04 W/mt	56 W/mt
LUMEN OUTPUT	1587 Lm/mt	2116 Lm/mt	2645 Lm/mt
LUMEN / WATT	112 Lm/W	112 Lm/W	112 Lm/W
WEIGHT		4 Kg	
DIMENSIONS		85x100x1400 mm	
INPUT VOLTAGE		180-265 V AC	
COLOR RANGE		2700K - 7000K	
BEAM ANGLE		120°	
Working Temp. / OPERATING TEMPERATURE		-10° / +50° C	
SOURCE LIFE		50 000 hours	
HOUSING		Anodized Aluminium	
IP (Protection Class)		IP20	
CRI		>80	
DIMMING		Dimmable (Opt)	

\*\*\*This product is for projects. Please contact with your sales representative for details.

## BACK LIGHT LED Office Lamp

Light intensity distribution curve

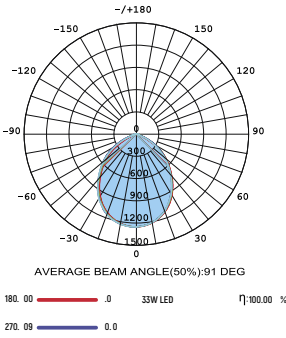


CE CB EMC LM-80

Code No	Power (W)	Luminous Flux (lm)	Colour Temp. (K)	Luminous Effic. (lm/W)	Dimensions (mm) a b c	Pcs/Pack	
NLR295295-18W-BL	18	1800	4000-6500K	100	295x295x35	275x275	5
NLR295595-36W-BL	24	2400	4000-6500K	100	595x295x35	575x275	5
NLR595595-36W-BL	36	3600	4000-6500K	100	595x595x35	588x588	5
NLR2951195-36W-BL	36	3600	4000-6500K	100	1195x295x35	1175x275	5
NLR5951195-48W-BL	48	4800	4000-6500K	100	1195x595x35	1175x575	5

## SLIM PANEL LED Office Lamp

Light intensity distribution curve



IN LIGHT

Code No	Power (W)	Power Factor	Colour Temp. (K)	Colour Ren. In. (CRI)	Luminous Flux (lm)	Luminous Effic. (lm/W)	Dimensions (mm) $\phi$ h	Weight (kg)	Volume (m <sup>3</sup> )	Pcs/Pack
NLR-3SPL	3	0,95	4000K	>80	240	80	85*70*25	--	--	80
NLR-3SPL	3	0,95	6500K	>80	240	80	85*70*25	--	--	80
NLR-6SPL	6	0,95	4000K	>80	480	80	120*105*25	--	--	60
NLR-6SPL	6	0,95	6500K	>80	480	80	120*105*25	--	--	60
NLR-9SPL	9	0,95	4000K	>80	720	80	145*120*25	--	--	60
NLR-9SPL	9	0,95	6500K	>80	720	80	145*120*25	--	--	60
NLR-12SPL	12	0,95	4000K	>80	960	80	170*150*25	--	--	50
NLR-12SPL	12	0,95	6500K	>80	960	80	170*150*25	--	--	50
NLR-15SPL	15	0,95	4000K	>80	1200	80	190*170*25	--	--	45
NLR-15SPL	15	0,95	6500K	>80	1200	80	190*170*25	--	--	45
NLR-18SPL	18	0,95	4000K	>80	1440	80	225*200*25	--	--	40
NLR-18SPL	18	0,95	6500K	>80	1440	80	225*200*25	--	--	40

## Office Lamp ROUND PANEL LED



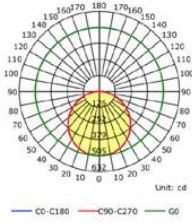
NEW PRODUCT



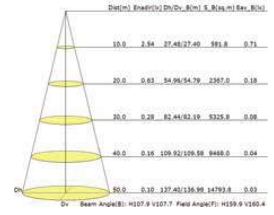
- Aluminium Body
- PC / PMMA-Diffusor Option
- Protection Class IP40
- A = 227 mm

Code	Model No	Power	Colour	Dimensions	Cutting diameter	IP	LED Driver	Light Flux
ND-10-CY	10W	10W	3000-6500K	Φ93*H25	Φ70	40	Available	800
ND-18-CY	18W	18W	3000-6500K	Φ123*H25	Φ100	40	Available	1600
ND-24-CY	24W	24W	3000-6500K	Φ175*H25	Φ150	40	Available	2280
ND-36-CY	36W	36W	3000-6500K	Φ228*H25	Φ200	40	Available	3200

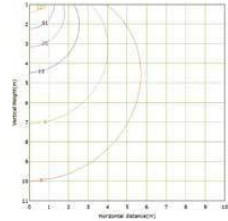
Luminous Intensity Distribution Curve



Illuminance at a Distance



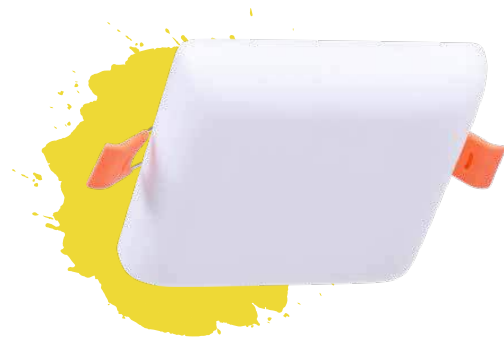
Vertical IsoLux Plot



## Office Lamp SQUARE PANEL LED



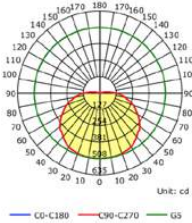
NEW PRODUCT



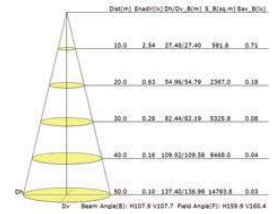
- Aluminium Body
- PC / PMMA-Diffusor Option
- Protection Class IP40
- A = 227 mm

Code	Model No	Power	Colour	Dimensions	Cutting diameter	IP	LED Driver	Light Flux
ND-10-CK	10W	10W	3000-6500K	L93*W93*H25	L70*W70	40	Available	890
ND-18-CK	18W	18W	3000-6500K	L123*W123*H25	L100*W100	40	Available	1890
ND-24-CK	24W	24W	3000-6500K	L175*W175*H25	L150*W150	40	Available	2400
ND-36-CK	36W	36W	3000-6500K	L228*W228*H25	L200*W200	40	Available	3700

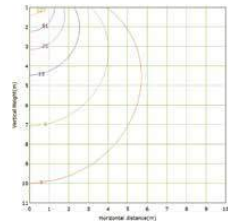
Luminous Intensity Distribution Curve



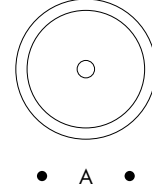
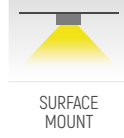
Illuminance at a Distance



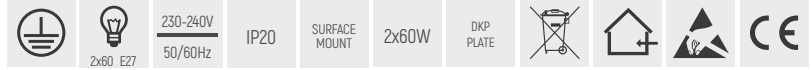
Vertical IsoLux Plot



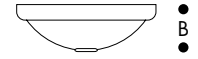
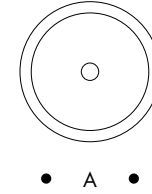
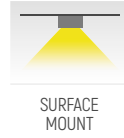
## TA 10220 Lighting Armature



- A=300 mm
- B=100 mm



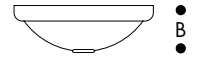
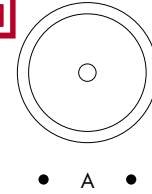
## TA 10220 Chrome Lighting Armature



- A=300 mm
- B=100 mm



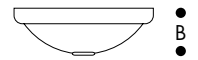
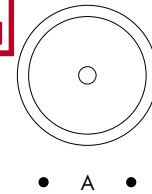
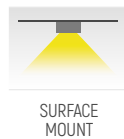
## TA 10430 Lighting Armature



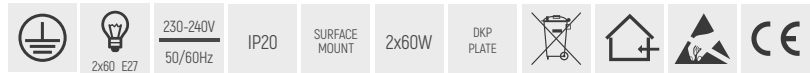
- A=370 mm
- B=120 mm



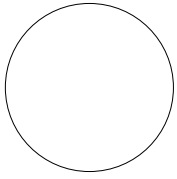
## TA 10430 Chrome Lighting Armature



- A=370 mm
- B=120 mm



## Lighting Armature 10955



• A •



• B •

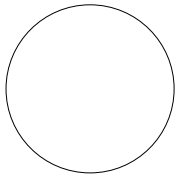


SURFACE MOUNT

- A=270 mm
- B=95 mm



## Lighting Armature 10956



• A •



• B •

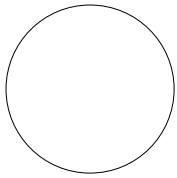


SURFACE MOUNT

- A=270 mm
- B=95 mm
- Normal Light 600 Lm



## Lighting Armature 10957



• A •



• B •

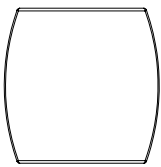


SURFACE MOUNT

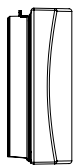
- A=270 mm
- B=95 mm
- Normal Light 600 Lm
- Emergency Light 50 Lm



## Lighting Armature 10805



• A •



• B •

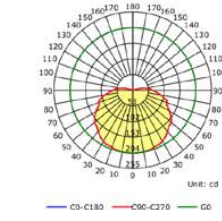


WALL MOUNT

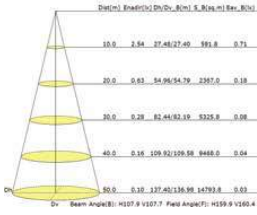
- A=225 mm
- B=220 mm



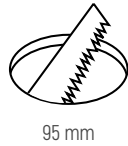
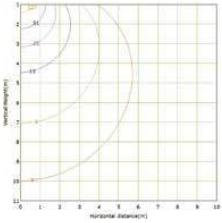
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



## LED DOWNLIGHT

## ND009 4" CAPELLA

NEW PRODUCT



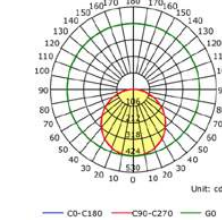
FLUSH MOUNT



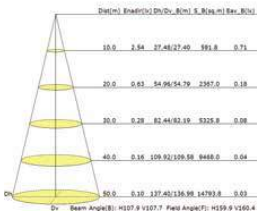
- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class

220 V 50Hz	IP40	50.000h	9W	CRI 80	PC/PMMA OPAL DIFFUSER	ALUMINIUM BODY	FLUSH MOUNT

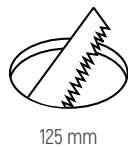
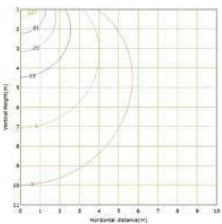
Luminous Intensity Distribution Curve



Illuminance at a Distance



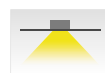
Vertical IsoLux Plot



## LED DOWNLIGHT

## ND012 5" CAPELLA

NEW PRODUCT



FLUSH MOUNT



- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class

220 V 50Hz	IP40	50.000h	12W	CRI 80	PC/PMMA OPAL DIFFUSER	ALUMINIUM BODY	FLUSH MOUNT

## Capella ND015 6"

### LED DOWNLIGHT



**NEW PRODUCT**

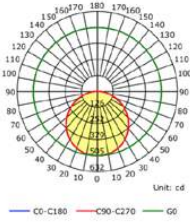


- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class

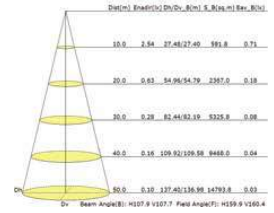
		220 V 50Hz	IP40	50.000h
15W	CRI 80	PC/PMMA OPAL DIFFUSER	ALUMINIUM BODY	FLUSH MOUNT



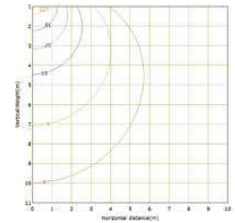
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



## Capella ND020 7"

### LED DOWNLIGHT

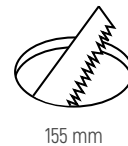


**NEW PRODUCT**

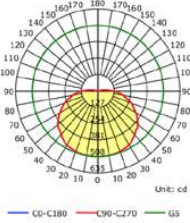


- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class

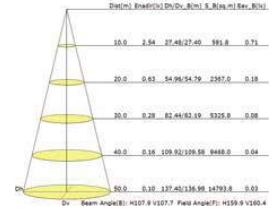
		220 V 50Hz	IP40	50.000h
20W	CRI 80	PC/PMMA OPAL DIFFUSER	ALUMINIUM BODY	FLUSH MOUNT



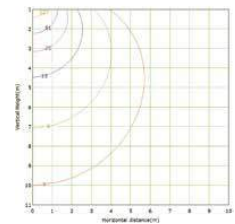
Luminous Intensity Distribution Curve



Illuminance at a Distance



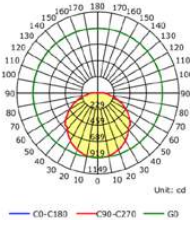
Vertical IsoLux Plot



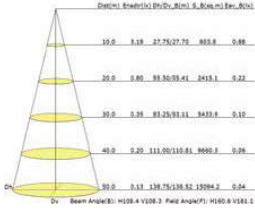
IN LIGHT



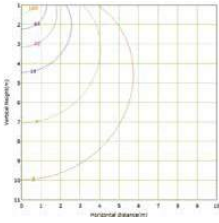
Luminous Intensity Distribution Curve



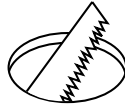
Illuminance at a Distance



Vertical IsoLux Plot



- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class



195 mm

LED DOWNLIGHT

ND030 8" Capella

NEW  
PRODUCT



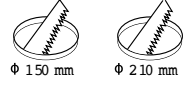
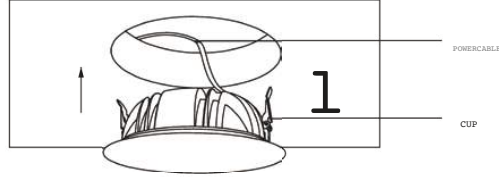
FLUSH  
MOUNT



- Aluminium Body
- PC / PMMA Diffusor Option
- IP40 Protection Class

220 V 50Hz	IP40	50.000h	30W	CRI 80	PC/PMMA OPAL DIFFUSER	ALUMINIUM BODY	FLUSH MOUNT

## DOWNLIGHT MIASA 6" / 8"



MIASA is recessed LED fixture that has a different size options and provides high quality lighting with high energy efficiency

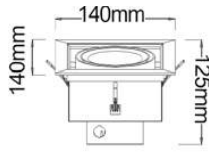
- Different Size Options
- Different Body Color Options
- Different Light Color Options
- No UV, Mercury and Lead
- Mehrere Einbauoptionen und verschiedene Gehäuse / Different Case and Mounting Options
- Homogeneous Lighting in All LED Options



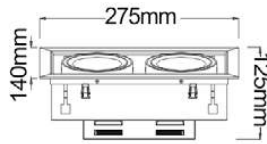
	MIASA 6"	MIASA 8"
DATA SHEET	6"	8"
LED Configuration	30	42
POWER CONSUMPTION	20 W	25 W
LUMEN OUTPUT		
Cool White	2050 Lm	2500 Lm
Natural White	2050 Lm	2500 Lm
Warm White	1970 Lm	2070 Lm
WEIGHT	460 g	828 g
DIMENSIONS		
Durchmesser vom Loch / HOLE	ø175 mm ø150 mm	ø230 mm ø210 mm
INPUT VOLTAGE	180 - 265 V AC	
COLOR RANGE	2700 K-5500 K-6500 K	
BEAM ANGLE	90°	
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C	
SOURCE LIFE	50 000 hours	
HOUSING	Eloxal Aluminium	
IP (Protection Class)	IP20	
CRI	>85	



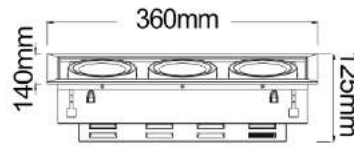
## AUVA SPOT



125x125mm



260x125mm



330x125mm

AUVA 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 Power Colors
- High Efficiency
- No UV, Mercury and Lead
- Homogeneous Lighting in All Led Options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING (indoor - outdoor)



DATA SHEET	NYXX AUVA 15	NYXX AUVA 25	NYXX AUVA 35
LED Configuration	1*1	1*2	1*3
POWER CONSUMPTION	15 W	25 W	35 W
LUMEN OUTPUT			
Natural White	1200 Lm	2000 Lm	2800 Lm
Warm White	1050 Lm	1875 Lm	2625 Lm
LUMEN / WATT	80 Lm/W	80 Lm/W	80 Lm/W
WEIGHT	800 g	1300 g	1800 g
DIMENSIONS	140x140x125 mm	140x275x125 mm	140x360x125 mm
INPUT VOLTAGE		180-265 V AC	
Maximum Current Drawn	75 mA	125 mA	250 mA
COLOR RANGE		3000K - 4000K	
BEAM ANGLE		37°	
Working Temp. / OPERATING TEMPERATURE		-10° / +50° C	
SOURCE LIFE		50 000 hours	
HOUSING		Aluminium	
IP (Protection Class)		IP20	
CRI		>80	
DIMMING		Non-dimmable	

\*\*\*This product is for projects. Please contact with your sales representative for details.

## DOWNLIGHT MERGA-R



Merga-R is recessed LED fixture that has a different case options and provides high quality lighting with high energy efficiency

- Different Front Cover Options
- Different Light Options
- COB LED
- No UV, Mercury and Lead
- Dali, 1-10V and Remote Control Options
- Used to replace traditional 35W halogen lamp
- Homogeneous lighting in all led options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING (indoor - outdoor)



DATA SHEET	NYXX MERGA-R
LED Configuration	1*1
POWER CONSUMPTION	7 W
LUMEN OUTPUT	
Natural White	520 Lm
Warm White	480 Lm
WEIGHT	59 g
DIMENSIONS	ø75mm
INPUT VOLTAGE	180-265 V AC
COLOR RANGE	3000K - 4000K
BEAM ANGLE	25°, 40°, 60°
Working Temp. / OPERATING TEMPERATURE	-10° / +50° C
SOURCE LIFE	50 000 hours
HOUSING	Aluminium
IP (Protection Class)	IP20
CRI	>80
DIMMING	Dimmable (Opt)

\*\*\*This product is for projects. Please contact with your sales representative for details.



## MERGA-S

## DOWNLIGHT



Merga-S is recessed LED fixture that has a different case options and provides high quality lighting with high energy efficiency

- Different Front Cover Options
- Different Light Options
- COB LED
- No UV, Mercury and Lead
- Dali, 1-10V and Remote Control Options
- Used to replace traditional 35W halogen lamp
- Homogeneous lighting in all led options



HOME & OFFICE LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING  
(indoor - outdoor)



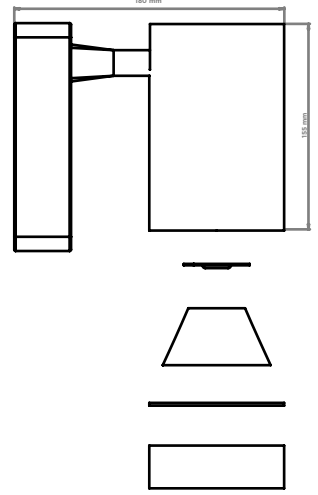
DATA SHEET	NYXX MERGA-S
LED Configuration	11
POWER CONSUMPTION	22 W
LUMEN OUTPUT	
Natural White	1540 Lm
Warm White	1430 Lm
WEIGHT	750 g
DIMENSIONS	ø160mm
INPUT VOLTAGE	180-265 V AC
COLOR RANGE	3000K - 4000K
BEAM ANGLE	25°, 40°, 60°
Working Temp. / OPERATING TEMPERATURE	-10° / +50° C
SOURCE LIFE	50 000 hours
HOUSING	Aluminium
IP (Protection Class)	IP20
CRI	>85
DIMMING	Dimmable (Opt)

\*\*\*This product is for projects. Please contact with your sales representative for details.

## RAY SPOT (RAY SPOT) RS SERIE

35W

NEW  
PRODUCT



RS Series are track light LED fixture that are designed with different power high energy efficiency.

Different Power Colors

Moving Head

COB LED

No UV, Mercury and Lead

Mono-phase Ray

Homogeneous Lighting in All Led Options



HOME & OFFICE  
LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING  
(indoor - outdoor)

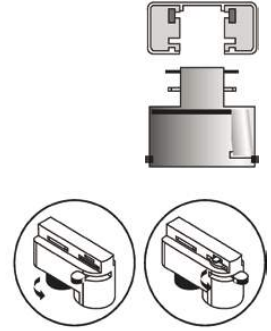
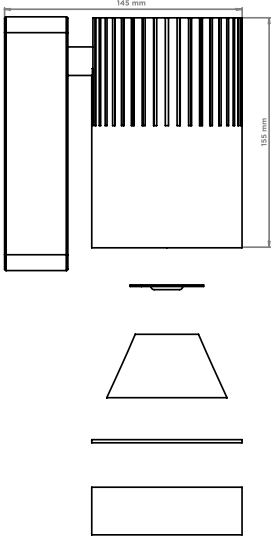


DATA SHEET	RS
LED Configuration	35
POWER CONSUMPTION	1*1
LUMEN OUTPUT	35 W
Cool White	3200 Lm
Natural White	3200 Lm
Warm White	3200 Lm
WEIGHT	750gr
DIMENSIONS	Height 45mm / Length 80mm / Width 80mm
INPUT VOLTAGE	180 - 265 V AC
COLOR RANGE	2700 K-7000 K
BEAM ANGLE	45°
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C
SOURCE LIFE	50 000 hours
HOUSING	Aluminium
IP (Protection Class)	IP20
CRI	>80

NEW  
PRODUCT

40W

RAY SPOT (RAY SPOT)  
RS SERIE



RS Series are track light LED fixture that are designed with different power high energy efficiency.

Different Power Colors  
Moving Head  
COB LED  
No UV, Mercury and Lead  
Mono-phase Ray  
Homogeneous Lighting in All Led Options



HOME & OFFICE  
LIGHTING



RETAIL SHOPS LIGHTING



(iç mekan - dış mekan)  
DECORATIVE LIGHTING  
(indoor - outdoor)

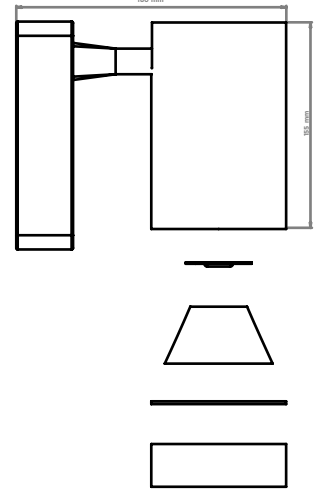
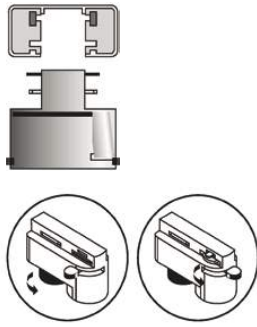


DATA SHEET	RS
LED Configuration	40
POWER CONSUMPTION	1*1
LUMEN OUTPUT	40 W
Cool White	3100 Lm
Natural White	3100 Lm
Warm White	3100 Lm
WEIGHT	805gr
DIMENSIONS	Height 45mm / Length 80mm / Width 80mm
INPUT VOLTAGE	180 - 265 V AC
COLOR RANGE	2700 K-7000 K
BEAM ANGLE	45°
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C
SOURCE LIFE	50 000 hours
HOUSING	Aluminium
IP (Protection Class)	IP20
CRI	>80

## RAY SPOT (RAY SPOT) RS SERIE

35W

NEW  
PRODUCT



RS Series are track light LED fixture that are designed with different power high energy efficiency.

Different Power Colors

Moving Head

COB LED

No UV, Mercury and Lead

Mono-phase Ray

Homogeneous Lighting in All Led Options



HOME & OFFICE  
LIGHTING



RETAIL SHOPS LIGHTING



DECORATIVE LIGHTING  
(indoor - outdoor)

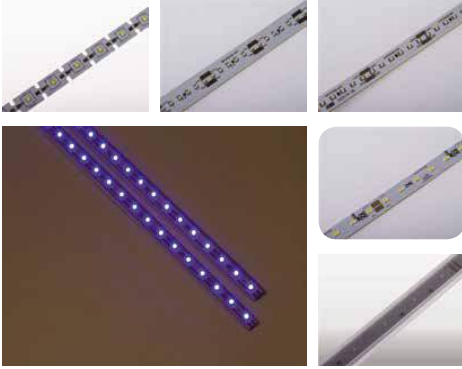


DATA SHEET	RS
LED Configuration	35
POWER CONSUMPTION	1*1
LUMEN OUTPUT	35 W
Cool White	3360 Lm
Natural White	3360 Lm
Warm White	3360 Lm
WEIGHT	870gr
DIMENSIONS	Height 45mm / Length 80mm / Width 80mm
INPUT VOLTAGE	180 - 265 V AC
COLOR RANGE	2700 K-7000 K
BEAM ANGLE	30°-90°
Working Temp. / OPERATING TEMPERATURE	- 40° / +50° C
SOURCE LIFE	50 000 hours
HOUSING	Aluminium
IP (Protection Class)	IP20
CRI	>80





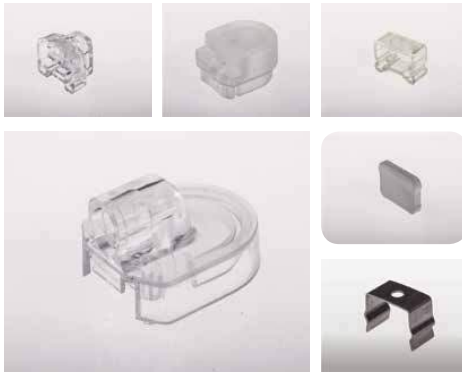
## Linear LED-Stripes



- Different Strip Options
- Homogeneous Lighting in All Led Options



- Different Profile Options
- Homogeneous Lighting in All Led Options



- Different Cover Options
- Homogeneous Lighting in All Led Options



\*\*\*This product is for projects. Please contact with your sales representative for details.

Fineline Alu



Fineline Tube



Fineline Bold Tube



FINELINE provides high quality linear LED illumination using 20 mA SMD LED packaged in different body options as sleek aluminium extrusion or polycarbon tube.

- Different Size Options
- Different Montage Options
- Different Light Color Options
- High Efficiency
- Custom Design Options



	FINELINE MONOCOLOR ALU	FINELINE MONOCOLOR TUBE	FINELINE MONOCOLOR BOLDTUBE
DATA SHEET			
WEIGHT	0.216 kg/mt.	0.125 kg/mt	0.250 kg/mt
DIMENSIONS	1010x20x15 mm	1010x20x15 mm	1010x20x15 mm
INPUT VOLTAGE		12-24 V DC	
COLOR RANGE		2700K - 7000K	
Working Temp. / OPERATING TEMPERATURE		-40° / +50° C	
SOURCE LIFE		50 000 hours @L70	
HOUSING		Aluminium Profile, Polycarbon Tube	
IP (Protection Class)		IP20, IP66, IP67	
DIMMING		Dimmable	

\*\*\*This product is for projects. Please contact with your sales representative for details.

## FINELINE

## Linear LED-Stripes

### TECHNICAL TABLE

Model-name	LED Quantity	VOLTAJ	Current	Module Length	Module	Current	Power	Maximum Consecutive Connections	LED BRAND				
LED-Voltaj	PCS/m	Volt	Amper	cm.	PCS/m	Amper/m	Watt m	Mt.	OSRAM	CREE	SEOUL	LM/wa	LM/m
48-24	48	24	0.02	12.5	8	0.16	3.84	15	✓	✓	✓	120	378
51-24	51	24	0.02	11.76	8.5	0.17	4.08	15	✓	✓	✓	120	401
60-24	60	24	0.02	10	10	0.2	4.80	14	✓	✓	✓	120	472
72-24	72	24	0.02	8.34	12	0.24	5.76	13	✓	✓	✓	120	567
90-24	90	24	0.02	6.66	15	0.3	7.20	12	✓	✓	✓	120	708
100-24	100	24	0.02	6	16.5	0.33	7.92	12	✓	✓	✓	120	779
120-24	120	24	0.02	5	20	0.4	9.60	11	✓	✓	✓	120	945
150-24	150	24	0.02	4.66	21.5	0.43	10.32	10	✓	✓	✓	120	1015

### TECHNICAL TABLE

### FINELINE RGB

Model-name	LED Quantity	Voltage	Current	Module Length	Module	Current	Power	Maximum Consecutive Connections	LED BRAND			
LED-Voltaj	PCS/m	Volt	Amper	cm.	PCS/m	Amper/m	Watt m	Mt.	AVOGO	CREE	LM/wa	LM/m
30-24	30	24	0.06	20	5	0.3	7.20	7	✓	✓	60	354
36-24	36	24	0.06	16.6	6	0.36	8.64	6	✓	✓	60	425
48-24	48	24	0.06	12.5	8	0.48	11.52	5	✓	✓	60	567
60-24	60	24	0.06	10	10	0.6	14.40	4	✓	✓	60	708
120-24	120	24	0.06	11.6	8.5	0.51	24.48	5	✓	✓	60	1204

### SIDE COVER INFORMATION



\*\*\*This product is for projects. Please contact with your sales representative for details.

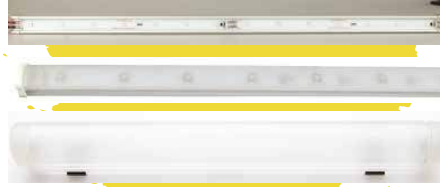
## Linear LED-Stripes HIGHLINE



Highline Alu

Highline Tube

Highline Bold Tube



### SIDE COVER INFORMATION



HIGHLINE provides high quality linear LED illumination using 120 mA high power packaged in different body options as sleek aluminium extrusion or polycarbon tube.

- Different Size Options
- Different Montage Options
- Different Light Color Options
- High Efficiency
- Custom Design Options



HOME & OFFICE LIGHTING

RETAIL SHOPS LIGHTING

DECORATIVE LIGHTING (indoor - outdoor)



Model-name	LED Quantity	VOLTAJ	Current	Module Length	Modul	Current	Power	Maximum Consecutive Connections	LED BRAND				
Güç-Voltaj	PCS/m	Volt	Amper	cm.	PCS/m	Amper/m	Watt m	Mt.	OSRAM	CREE	SEOUL	LM/wa	LM/m
18-12	18	12	0.12	16.6	6	0.72	8.64	4	✓	✓	✓	112	793
24-12	24	12	0.12	12.5	8	0.96	11.52	4	✓	✓	✓	112	1058
30-12	30	12	0.12	10	10	1.2	14.40	4	✓	✓	✓	112	1322
36-12	36	12	0.12	8.33	12	1.44	17.28	3	✓	✓	✓	112	1559
24-24	24	24	0.12	25	4	0.48	11.52	6	✓	✓	✓	112	1058
30-24	30	24	0.12	20	5	0.6	14.40	5	✓	✓	✓	112	1322
36-24	36	24	0.12	16.6	6	0.72	17.28	4	✓	✓	✓	112	1587
48-24	48	24	0.12	12.5	8	0.96	23.04	3	✓	✓	✓	112	2116
60-24	60	24	0.12	10	10	1.2	28.80	2	✓	✓	✓	112	2645

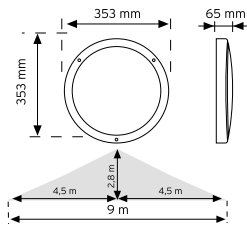
DATA SHEET	HIGHLINE ALU	HIGHLINE TUBE	HIGHLINE BOLDTUBE
WEIGHT	0.216 kg/mt.	0.125 kg/mt	0.250 kg/mt
DIMENSIONS	1010x20x15 mm	1010x20x15 mm	1010x20x15 mm
INPUT VOLTAGE	12-24 V DC		
COLOR RANGE	2700K - 7000K		
Working Temp. / OPERATING TEMPERATURE	-40° / +50° C		
SOURCE LIFE	50 000 hours @L70		
HOUSING	Aluminium Profile, Polycarbon Tube		
IP (Protection Class)	IP20, IP66, IP67		
DIMMING	Dimmable		

# IN SENSE



### 10970

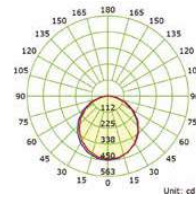
### CEILING TYPE LED SENSORLIGHT HF MOTION SENSOR - 15 W



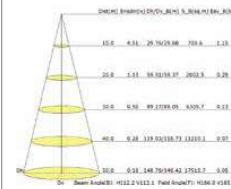
- A class energy consumption thanks to LED lighting
- Thanks to HF sensor technology, capable of detect every direction
- Adjustable time and lux feature
- Detection behind glass and wall
- More energy saving thanks to LED lighting feature

- 2800-3100K
- 4000-4500K
- 6000-6500K
- 1400lm

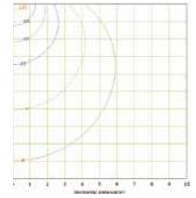
Luminous Intensity Distribution Curve



Illuminance at a Distance



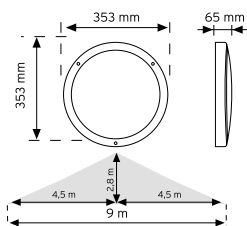
Vertical IsoLux Plot



230-240V- 50/60Hz	1400 LM	360° 3 m - 9 m	2.8m	10 Sek - 30 Min.	2-2000 lux	-20°C - +40°C	IP 44 II Class	TS EN 60669-2-1 TS EN 60598-2-1

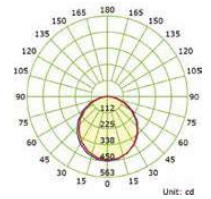
### 10971

### CEILING TYPE LED SENSORLIGHT EMERGENCY LIGHTING - HF MOTION SENSOR - 15 W

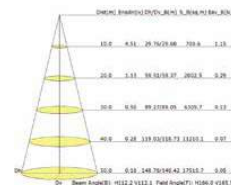


- A class energy consumption thanks to LED lighting
- Thanks to HF sensor technology, capable of detect every direction
- Adjustable time and lux feature
- Detection behind glass and wall
- More energy saving thanks to LED lighting feature
- Emergency Lighting when power cuts down
- 3x1000 Mah / Ni-Mh battery
- 2 hours emergency kit
- 2800-3100K
- 6000-6500K
- Normal Light 1400 Lm
- Emergency Light 70 Lm

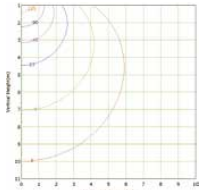
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot

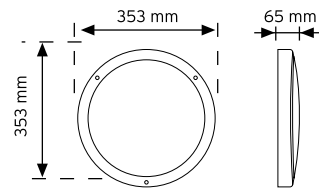


230-240V- 50/60Hz	1400 LM	70 LM	360° 3 m - 9 m	2.8m	10 Sek - 30 Min.	2-2000 lux	-20°C - +40°C	IP 44 II Class	TS EN 60669-2-1 TS EN 60598-2-1

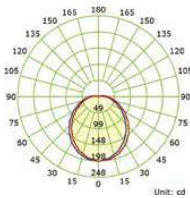
CEILING TYPE LED SENSORLIGHT - 15 W

10972

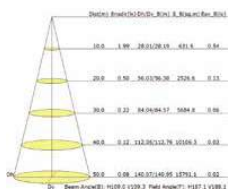
- A class energy consumption thanks to LED lighting
- More energy saving thanks to LED lighting feature
- 2800-3100K
- 6000-6500K
- 1050 Lm



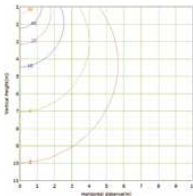
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot

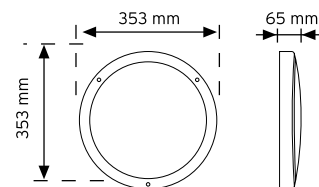


Working Voltage	Lumen	Working Temp.	Protection Class	TS EN 60669-2-1 TS EN 60598-2-1
230-240V~50/60Hz	LM	-20°C ~ +40°C	IP 44	CE
	1050 LM		II Class	

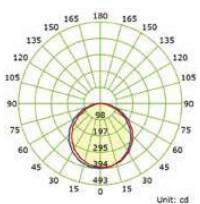
CEILING TYPE LED SENSORLIGHT  
EMERGENCY LIGHTING - 15 W

10973

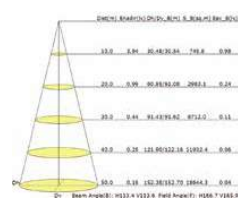
- A class energy consumption thanks to LED lighting
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration
- 2800-3100K
- 6000-6500K
- Normal Light 1050 Lm
- Emergency Light 70 Lm



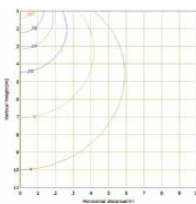
Luminous Intensity Distribution Curve



Illuminance at a Distance



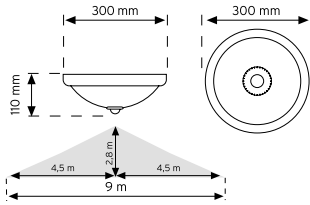
Vertical IsoLux Plot



Working Voltage	Lumen	Emergency Lumen	Working Temp.	Protection Class	TS EN 60669-2-1 TS EN 60598-2-1
230-240V~50/60Hz	LM	LM	-20°C ~ +40°C	IP 44	CE
	1050 LM	70 LM		II Class	

### 01000

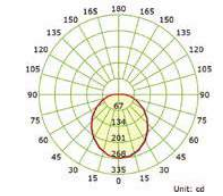
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - 12 W



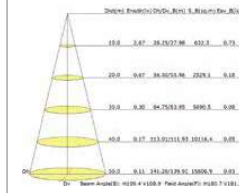
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

- 2800-3100K
- 4000-4500K
- 6000-6500K
- 980 lm

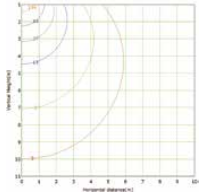
Luminous Intensity Distribution Curve



Illuminance at a Distance



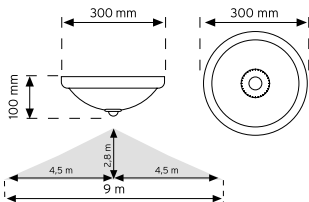
Vertical IsoLux Plot



Working Voltage 230-240V- 50/60Hz	Lumen 940 LM	Detection Area 360° Max. 9 m	Max. Height 2.8m	Time Adj. 10 Sek - 5 Min.	Lux Adj. 2-2000 lux	Working Temp. -20°C - +40°C	Protection Class IP 20	Box Detail 17 kg 1/4 PCS	TS EN 60669-2-1 TS EN 60598-2-1
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### 01051

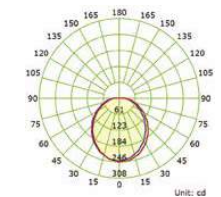
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - EMERGENCY LIGHTING - 12 W



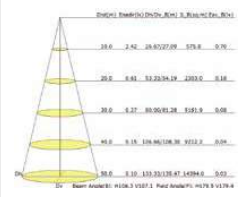
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration

- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light 940 Lm
- Emergency Light 60 Lm

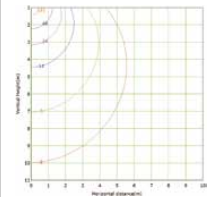
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



Working Voltage 230-240V- 50/60Hz	Lumen 940 LM	Emergency Lumen 60 LM	Detection Area 360° Max. 9 m	Max. Height 2.8m	Time Adj. 10 Sek - 5 Min.	Lux Adj. 2-2000 lux	Working Temp. -20°C - +40°C	Protection Class IP 20	Box Detail 17 kg 1/4 PCS	TS EN 60669-2-1 TS EN 60598-2-1
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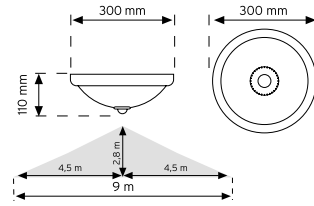


CEILING TYPE LED SENSORLIGHT WITH 360°  
MOTION SENSOR - 18 W

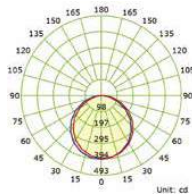
10551

- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

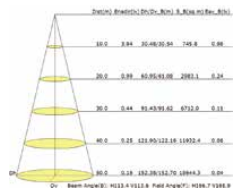
- 2800-3100K
- 4000-4500K
- 6000-6500K
- 1600Lm



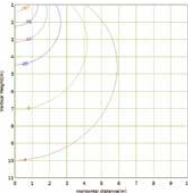
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



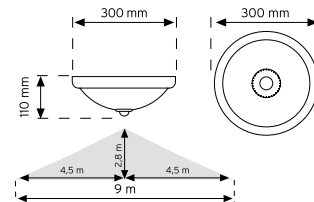
<b>Working Voltage</b> 230-240V~ 50/60Hz	<b>Lumen</b> 940 LM	<b>Detection Area</b> 360° Max. 9 m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek - 5 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C ~ +40°C	<b>Protection Class</b> IP 20	<b>Box Detail</b> 17 kg 14 PCS 71,5x62x33	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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CEILING TYPE LED SENSORLIGHT WITH 360°  
MOTION SENSOR - CHROME - 18 W

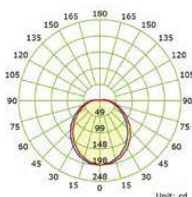
10551

- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

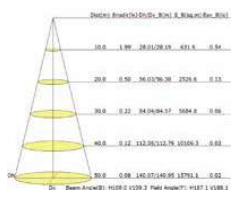
- 2800-3100K
- 4000-4500K
- 6000-6500K
- 1600 Lm



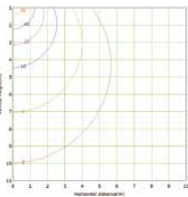
Luminous Intensity Distribution Curve



Illuminance at a Distance



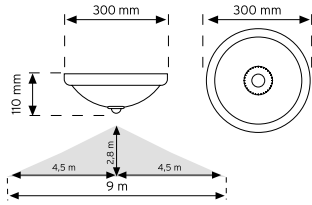
Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V~ 50/60Hz	<b>Lumen</b> 1000 LM	<b>Detection Area</b> 360° Max. 9 m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek - 5 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C ~ +40°C	<b>Protection Class</b> IP 20	<b>Box Detail</b> 17 kg 14 PCS 71,5x62x33	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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### 10651

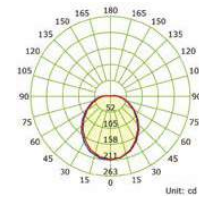
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - 18 W



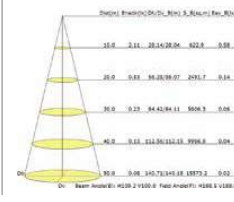
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration

- 3000K ■ 4000K ■ 6500K
- Normal Light: 1600 Lm
- Emergency Light 60 Lm

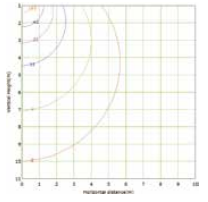
Luminous Intensity Distribution Curve



Illuminance at a Distance



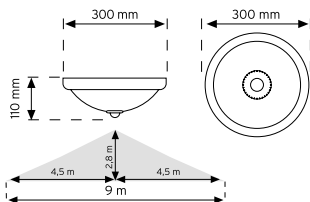
Vertical IsoLux Plot



Working Voltage	Lumen	Emergency Lumen	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V-50/60Hz	1000 LM	30 LM	360° Max. 9 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 20	18 kg 12 PCS 71,5x62x33	

### 10651

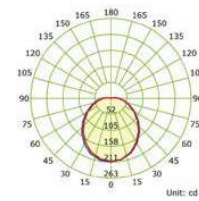
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - 18 W - CHROME



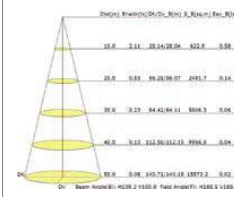
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration

- 3000K ■ 4000K ■ 6500K
- Normal Light: 1600 Lm
- Emergency Light 60 Lm

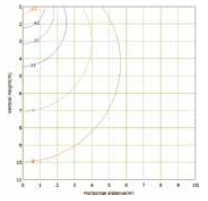
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



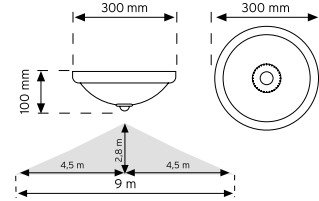
Working Voltage	Lumen	Emergency Lumen	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V-50/60Hz	1000 LM	30 LM	360° Max. 9 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 20	18 kg 12 PCS 71,5x62x33	

CEILING TYPE LED SENSORLIGHT WITH 360°  
MOTION SENSOR - 18 W

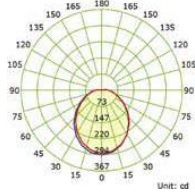
10433

- A class energy consumption thanks to LED lighting
- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

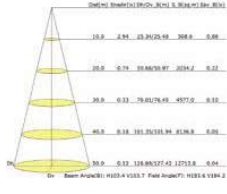
- 2800-3100K
- 4000-4500K
- 6000-6500K
- 1700 Lm



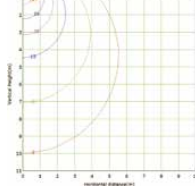
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



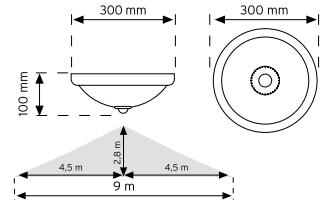
									TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1500 LM	360° Max. 9 m	2.8m	10 Sek - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20	23 kg 8 PCS 82x60x41	CE

CEILING TYPE LED SENSORLIGHT WITH 360°  
MOTION SENSOR CHROME - 18 W

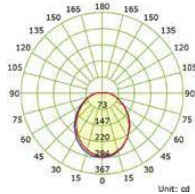
10433

- A class energy consumption thanks to LED lighting
- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

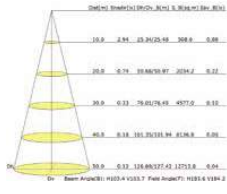
- 2800-3100K
- 4000-4500K
- 6000-6500K
- 1700 Lm



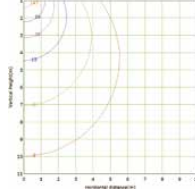
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



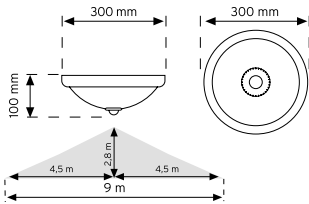
									TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1500 LM	360° Max. 9 m	2.8m	10 Sek - 5 dk.	2-2000 lux	-20°C - +40°C	IP 20	23 kg 8 PCS 82x60x41	CE

### 10434

### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - 18 W

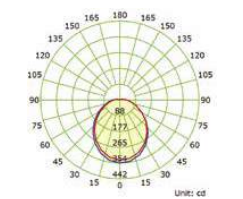


SURFACE MOUNT

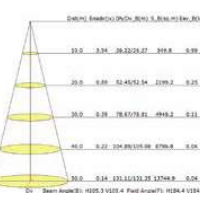


- A class energy consumption thanks to LED lighting
  - Through 360° motion sensor, it detects every angle
  - Smooth lighting through sanded glass
  - Error-free detection with digital control
  - Adjustable time and lux feature
  - Easy installation on surface
  - More energy saving thanks to LED lighting feature
  - LED lighting feature at power failure
  - 3x1000mAh Ni-Mh Battery
  - 2 hours emergency lighting duration
- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light : 1700 Lm
- Emergency Light : 60 Lm

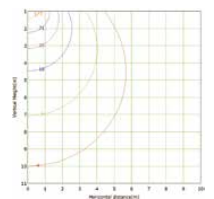
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



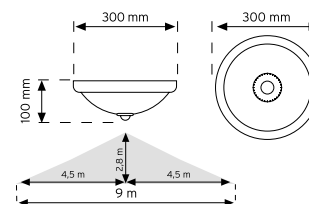
230-240V- 50/60Hz	1500 LM	40 LM	360° Max. 9 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	IP 20 I Class	23kg 8 PCS 82x60x41	TS EN 60669-2-1 TS EN 60598-2-1

### 10434

### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - 18 W - CHROME

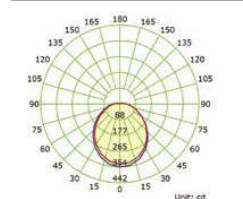


SURFACE MOUNT

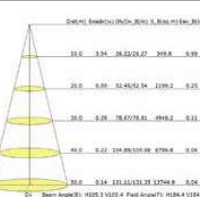


- A class energy consumption thanks to LED lighting
  - Through 360° motion sensor, it detects every angle
  - Smooth lighting through sanded glass
  - Error-free detection with digital control
  - Adjustable time and lux feature
  - Easy installation on surface
  - More energy saving thanks to LED lighting feature
  - LED lighting feature at power failure
  - 3x1000mAh Ni-Mh Battery
  - 2 hours emergency lighting duration
- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light : 1700 Lm
- Emergency Light : 60 Lm

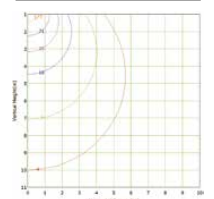
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



230-240V- 50/60Hz	1500 LM	40 LM	360° Max. 9 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	IP 20 I Class	23kg 8 PCS 82x60x41	TS EN 60669-2-1 TS EN 60598-2-1

CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - 6 W

10710

- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 2 hours emergency lighting duration

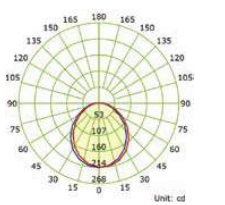
- 2800-3100K
- 4000-4500K
- 6000-6500K
- Normal Light 600 Lm
- Emergency Light 70 Lm



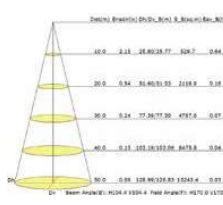
SURFACE MOUNT



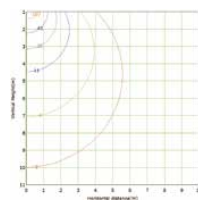
Luminous Intensity Distribution Curve



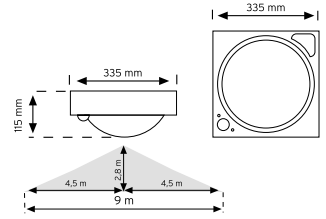
Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b>	<b>Lumen</b>	<b>Emergency Lumen</b>	<b>Detection Area</b>	<b>Max. Height</b>	<b>Time Adj.</b>	<b>Lux Adj.</b>	<b>Working Temp.</b>	<b>Battery Type</b>	<b>Protection Class</b>	<b>Box Detail</b>	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
230-240V~50/60Hz	450 LM	40 LM	360° Max. 9 m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	Battery	IP 20 I Class	220g 8 PCS 70x46,5x41	CE



CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - GREY - 6 W

10710

- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Metallic Grey Body
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 2 hours emergency lighting duration

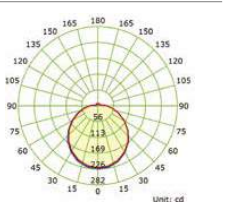
- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light 600 Lm
- Emergency Light 70 Lm



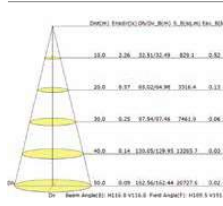
SURFACE MOUNT



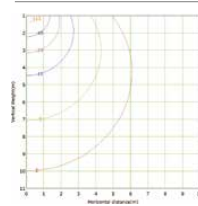
Luminous Intensity Distribution Curve



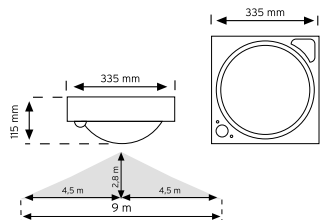
Illuminance at a Distance



Vertical IsoLux Plot

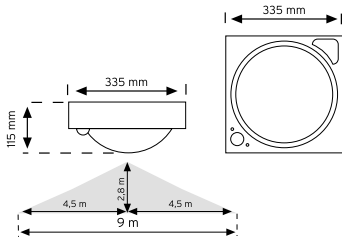


<b>Working Voltage</b>	<b>Lumen</b>	<b>Emergency Lumen</b>	<b>Detection Area</b>	<b>Max. Height</b>	<b>Time Adj.</b>	<b>Lux Adj.</b>	<b>Working Temp.</b>	<b>Battery Type</b>	<b>Protection Class</b>	<b>Box Detail</b>	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
230-240V~50/60Hz	500 LM	40 LM	360° Max. 9 m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	Battery	IP 20 I Class	220g 8 PCS 70x46,5x41	CE



### 10410

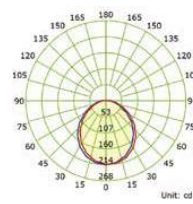
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - 12 W



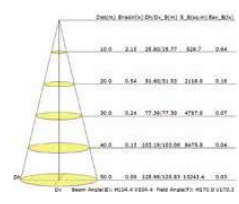
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature

- 2800-3100K
- 4000-4500K
- 6000-6500K
- 750 Lm

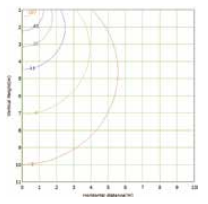
Luminous Intensity Distribution Curve



Illuminance at a Distance



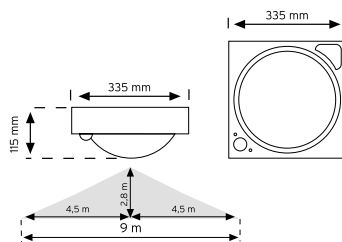
Vertical IsoLux Plot



Working Voltage 230-240V- 50/60Hz	Lumen 750 LM	Detection Area 360° Max. 9 m	Max. Height 2.8m	Time Adj. 10 Sek - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C - +40°C	Battery Type 20kg 8 PCS	Protection Class IP 20 I Class	Box Detail 70x46,5x41	TS EN 60669-2-1 TS EN 60598-2-1
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### 10410

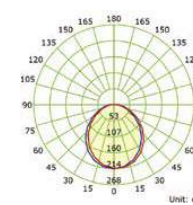
### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - 12 W - GREY



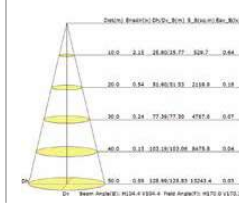
- A class energy consumption thanks to LED lighting
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature

- 2800-3100K
- 4000-4500K
- 6000-6500K
- 750 Lm

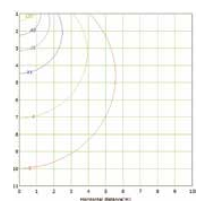
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



Working Voltage 230-240V- 50/60Hz	Lumen 750 LM	Detection Area 360° Max. 9 m	Max. Height 2.8m	Time Adj. 10 Sek - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C - +40°C	Battery Type 20kg 8 PCS	Protection Class IP 20 I Class	Box Detail 70x46,5x41	TS EN 60669-2-1 TS EN 60598-2-1
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CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING

10700

- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- LED lighting feature at power failure
- 2 hours emergency lighting duration
- Emergency Light: 70 Lm

EMERGENCY LIGHT

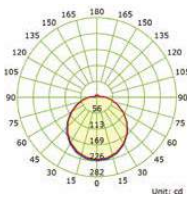
YERLİ ÜRETİM



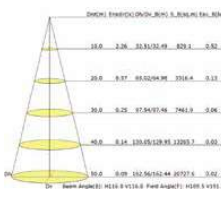
SURFACE MOUNT



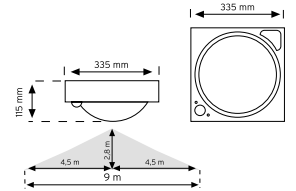
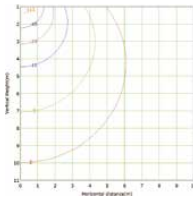
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V-50/60Hz	<b>Lighting Load</b> 1x10W E27	<b>Netbechtungswinkel</b> 12x2000 mod 120°	<b>Protection Class</b> IP 20	<b>Box Detail</b> 21kg 8 PCS 70x46,5x41	<b>Emergency Lumen</b> LM 70 LM	<b>Detection Area</b> 360° Max. 9 m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek - 5 Min	<b>Lux Adj.</b> 2-2000 lux	<b>Battery Type</b>	<b>Working Temp.</b> -20°C - +40°C	TS EN 60669-2-1 TS EN 60598-2-1
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CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR AND EMERGENCY LIGHTING - GREY

10700

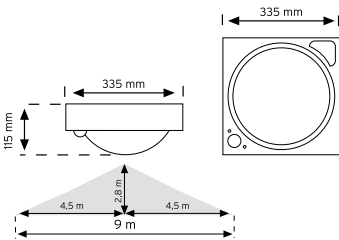
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- LED lighting feature at power failure
- 2 hours emergency lighting duration
- Emergency Light: 70 Lm

EMERGENCY LIGHT

YERLİ ÜRETİM



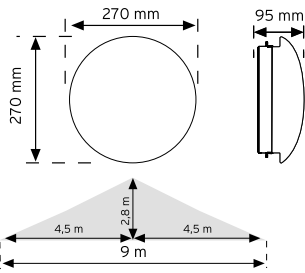
SURFACE MOUNT



<b>Working Voltage</b> 230-240V-50/60Hz	<b>Lighting Load</b> 1x10W E27	<b>Netbechtungswinkel</b> 12x2000 mod 120°	<b>Protection Class</b> IP 20	<b>Box Detail</b> 21kg 8 PCS 70x46,5x41	<b>Emergency Lumen</b> LM 70 LM	<b>Detection Area</b> 360° Max. 9 m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek - 5 Min	<b>Lux Adj.</b> 2-2000 lux	<b>Battery Type</b>	<b>Working Temp.</b> -20°C - +40°C	TS EN 60669-2-1 TS EN 60598-2-1
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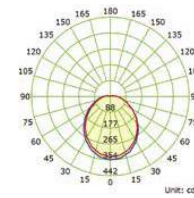


### 10950 CEILING TYPE SENSOR LIGHT

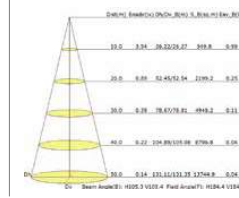


- Thanks to HF sensor technology, capable of detect every direction
- Smooth lighting through opal glass
- Ability to detect behind glass and wall
- Adjustable time and lux feature
- Easy installation on surface

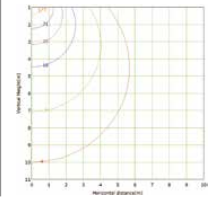
Luminous Intensity Distribution Curve



Illuminance at a Distance



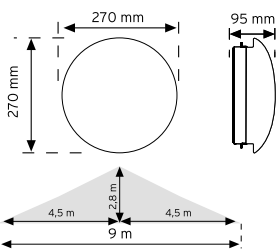
Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lighting Load</b> 1x10W E27	<b>Detection Area</b> 360° 3m - 9m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek. - 30 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Protection Class</b> IP 20 I Class	<b>Box Detail</b> 175kg 9 PCS 91x50,5x33,5	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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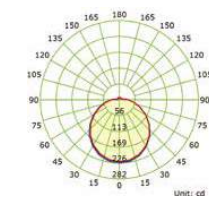


### 10951 CEILING TYPE LED SENSORLIGHT WITH HF MOTION SENSOR AND EMERGENCY LIGHTING - 12 W

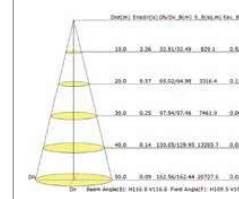


- A class energy consumption thanks to LED lighting
- Thanks to HF sensor technology, capable of detect every direction
- Smooth lighting through opal glass
- Ability to detect behind glass and wall
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration
- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light 800 Lm
- Emergency Light 70 Lm

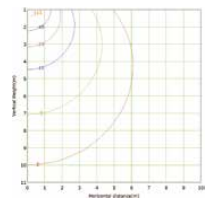
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lumen</b> LM 650 LM	<b>Emergency Lumen</b> LM 60 LM	<b>Detection Area</b> 360° 3m - 9m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek. - 30 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Protection Class</b> IP 20 I Class	<b>Box Detail</b> 175kg 9 PCS 91x50,5x33,5	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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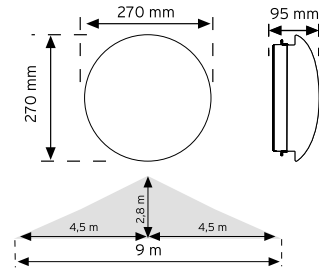
**e-MOTION®**

CEILING TYPE LED SENSORLIGHT WITH HF MOTION SENSOR - 12 W

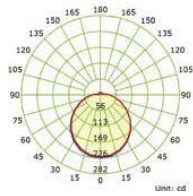
10952

- A class energy consumption thanks to LED lighting
- Thanks to HF sensor technology, capable of detect every direction
- Smooth lighting through opal glass
- Ability to detect behind glass and wall
- Adjustable time and lux feature
- Easy installation on surface
- More energy saving thanks to LED lighting feature

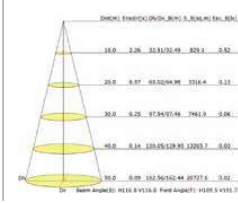
- 2800-3100K
- 4000-4500K
- 6000-6500K
- 800 Lm



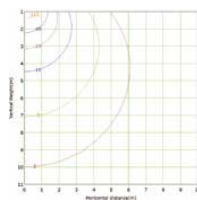
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lumen</b> 650 LM	<b>Detection Area</b> 3m - 9m	<b>Max. Height</b> 2.8m	<b>Time Adj.</b> 10 Sek - 30 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Protection Class</b> I Class	<b>Box Detail</b> 175kg 9 PCS 91x58,5x33,5	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>	<b>CE</b>
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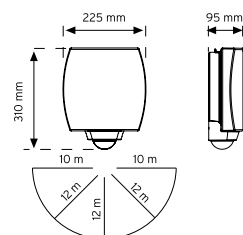
**e-MOTION®**

180° WALL TYPE SENSORLIGHT

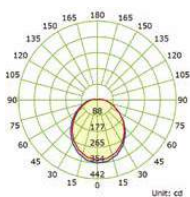
10800

- A class energy consumption thanks to LED lighting
- Ability to detect every angle through TRIO motion sensor technology
- Smooth lighting through opal glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature

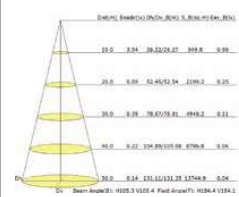
- 2800-3100K ■ 4000-4500K ■ 6000-6500K



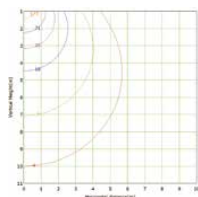
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lighting Load</b> 1x10W E27	<b>Detection Range</b> 3 - 12 m	<b>Max. Height</b> 2,2 m	<b>Time Adj.</b> 10 Sek - 5 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Protection Class</b> IP 43	<b>Box Detail</b> 165kg 8 PCS 78x515x31	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>	<b>CE</b>
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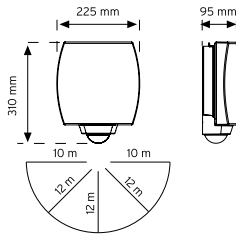
**10820 8W**

**WALL TYPE LED SENSORLIGHT WITH 180° MOTION SENSOR - 8W**

**e-MOTION®**



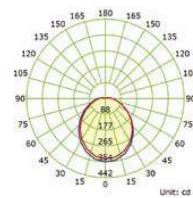
WALL MOUNT



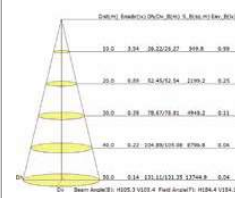
- A class energy consumption thanks to LED lighting
- Ability to detect every angle through TRIO motion sensor technology
- Smooth lighting through opal glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature

- 2800-3100K
- 4000-4500K
- 6000-6500K
- 850 Lm

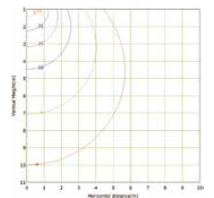
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lumen</b> 850 LM	<b>Detection Range</b> 180° 3-12 m →	<b>Max. Height</b> 2.2 m	<b>Time Adj.</b> 10 Sek. - 5 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Protection Class</b> IP 43	<b>Box Detail</b> 15kg 8 PCS	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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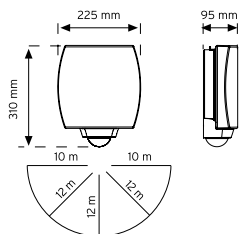
**10840 8W**

**WALL TYPE LED SENSORLIGHT WITH 180° MOTION SENSOR AND EMERGENCY LIGHTING**

**e-MOTION®**



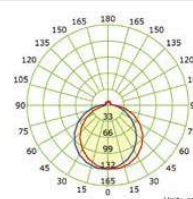
WALL MOUNT



- A class energy consumption thanks to LED lighting
- Ability to detect every angle through TRIO motion sensor technology
- Smooth lighting through opal glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature
- LED lighting feature at power failure
- 3x1000mAh Ni-Mh Battery
- 2 hours emergency lighting duration

- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- Normal Light 850 Lm
- Emergency Light 50 Lm

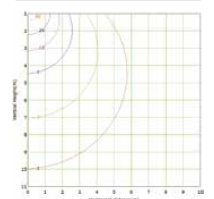
Luminous Intensity Distribution Curve



Illuminance at a Distance



Vertical IsoLux Plot



<b>Working Voltage</b> 230-240V- 50/60Hz	<b>Lumen</b> 500 LM	<b>Emergency Lumen</b> 30 LM	<b>Detection Range</b> 180° 3-12 m →	<b>Max. Height</b> 2.2 m	<b>Time Adj.</b> 10 Sek. - 5 Min.	<b>Lux Adj.</b> 2-2000 lux	<b>Working Temp.</b> -20°C - +40°C	<b>Battery Type</b> 3x1000mAh Ni-Mh	<b>Protection Class</b> IP 43	<b>Box Detail</b> 15kg 8 PCS	<b>TS EN 60669-2-1</b> <b>TS EN 60598-2-1</b>
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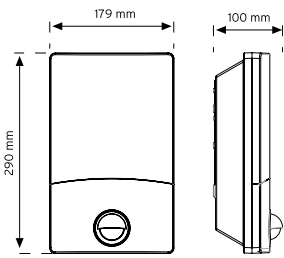
110° WALL TYPE SENSORLIGHT

10201

- Smooth lighting
- Error-free detection thanks to advanced analog technology
- Adjustable time and lux settings
- Easy installation on surface
- E27 Lampholder



WALL MOUNT



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1x10W E27	110°	2.2 m	10 Sek. - 55 Min.	2-2000 Lux	-20°C - +40°C	IP 44	CE

110° WALL TYPE LED SENSORLIGHT - 10 W

10211

- A class energy consumption thanks to LED lighting
- Smooth lighting through opal glass
- Error-free detection with digital control
- Adjustable time and lux settings
- Easy installation on surface
- More energy saving thanks to LED lighting feature

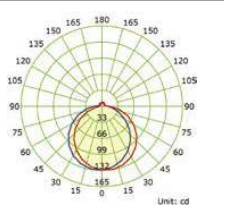
- 2800-3100K ■ 4000-4500K ■ 6000-6500K
- 950 Lm



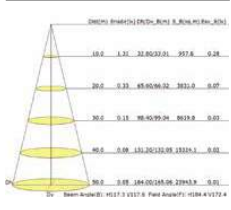
WALL MOUNT



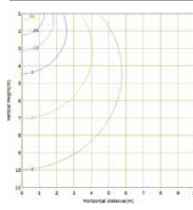
Luminous Intensity Distribution Curve



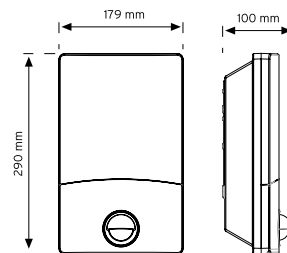
Illuminance at a Distance



Vertical IsoLux Plot



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	850 LM	110°	2.2 m	10 Sek. - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 44	CE

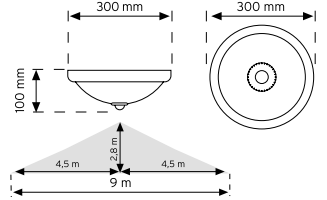


### 00999 CEILING TYPE SENSORLIGHT

sensorPLUS®



- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



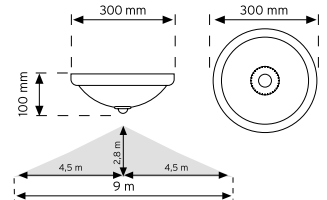
Working Voltage	Lighting Load	Detection Area	Max Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2x10W E27	Max. 9m ↔	2.8m	10 Sek - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 20 I Class	17kg 70x62x34 1/4 PCS	

### 00999 CEILING TYPE SENSORLIGHT CHROME

sensorPLUS®



- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



Working Voltage	Lighting Load	Detection Area	Max Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2x10W E27	Max. 9m ↔	2.8m	10 Sek - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 20 I Class	17kg 70x62x34 1/4 PCS	

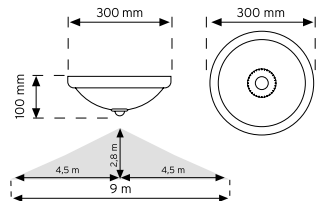
### 00999-L CEILING TYPE LED SENSORLIGHT 12 W



NEW PRODUCT



- A Class Energy consumption
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface

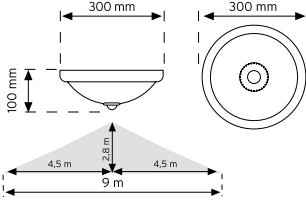


Working Voltage	Lumen	Detection Area	Max Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	850 LM	Max. 9m ↔	2.8m	10 Sek - 5 Min.	2-2000 Lux	-20°C - +40°C	IP 20 I Class	18kg 71,5x62x35 1/4 PCS	

CEILING TYPE SENSORLIGHT  
WITH EMERGENCY KIT

00777

- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface
- LED lighting feature at power failure
- 2 hours emergency lighting duration



										TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2x10W E27	30 LM	360° Max. 9m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20	17kg 1/4 PCS 71,5x62x33	CE



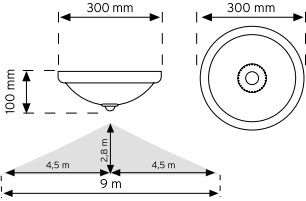
SURFACE  
MOUNT



CEILING TYPE SENSORLIGHT  
WITH EMERGENCY KIT

10220

- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



									TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2x10W E27	360° Max. 9m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20	24kg 8 PCS 82x62x41	CE



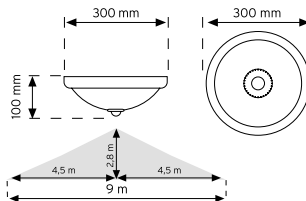
SURFACE  
MOUNT



CEILING TYPE SENSORLIGHT  
WITH EMERGENCY KIT - CHROME

10220

- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



									TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2x10W E27	360° Max. 9m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20	16kg 1/4 PCS 71,5x62x33	CE



SURFACE  
MOUNT



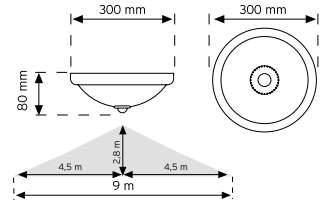
### 22999

### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - 12 W



NEW PRODUCT

- A Class Energy consumption
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



Working Voltage 230-240V - 50/60Hz	Detection Area 360° Max. 9m	Max. Height 2.8m	Time Adj. 10 Sek. - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C - +40°C	Protection Class IP 20 I Class	TS EN 60669-2-1 TS EN 60598-2-1 CE
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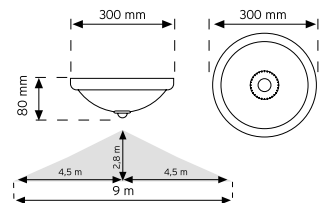
### 22999

### CEILING TYPE LED SENSORLIGHT WITH 360° MOTION SENSOR - 12 W CHROME



NEW PRODUCT

- A Class Energy consumption
- Through 360° motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



Working Voltage 230-240V - 50/60Hz	Detection Area 360° Max. 9m	Max. Height 2.8m	Time Adj. 10 Sek. - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C - +40°C	Protection Class IP 20 I Class	TS EN 60669-2-1 TS EN 60598-2-1 CE
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CEILING TYPE LED SENSORLIGHT  
WITH EMERGENCY KIT - 12 W

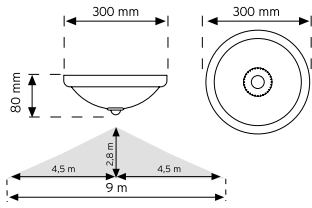
22777

- A Class Energy consumption
  - Through 360°motion sensor, it detects every angle
  - Smooth lighting through sanded glass
  - Error-free detection with digital control
  - Adjustable time and lux feature
  - Easy installation on surface
  - Emergency led light
  - 3x1000 mAh Ni-Mh battery
  - 7 hours emergency lighting duration
- 1100 lm
  - At Emergency 100lm

NEW  
PRODUCT



SURFACE  
MOUNT



Working Voltage 230-240V-50/60Hz	Detection Area 360° Max 9m	Max Height 2.8m	Time Adj. 10 Sek - 5 Min	Lux Adj. 2-2000 lux	Working Temp. -20°C - +40°C	Protection Class IP 20 I Class	TS EN 60669-2-1 TS EN 60598-2-1 CE
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CEILING TYPE LED SENSORLIGHT  
WITH EMERGENCY KIT - 12 W CHROME

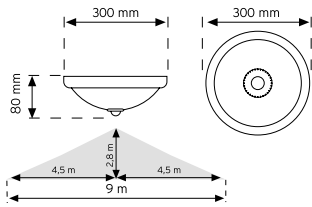
22777

- A Class Energy consumption
  - Through 360°motion sensor, it detects every angle
  - Smooth lighting through sanded glass
  - Error-free detection with digital control
  - Adjustable time and lux feature
  - Easy installation on surface
  - Emergency led light
  - 3x1000 mAh Ni-Mh battery
  - 7 hours emergency lighting duration
- 1100 lm
  - At Emergency 100lm

NEW  
PRODUCT



SURFACE  
MOUNT



Working Voltage 230-240V-50/60Hz	Detection Area 360° Max 9m	Max Height 2.8m	Time Adj. 10 Sek - 5 Min	Lux Adj. 2-2000 lux	Working Temp. -20°C - +40°C	Protection Class IP 20 I Class	TS EN 60669-2-1 TS EN 60598-2-1 CE
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### 10430

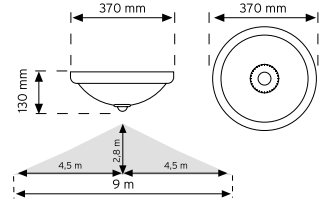
### CEILING TYPE SENSORLIGHT WITH 360° MOTION SENSOR



SURFACE MOUNT



- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



Working Voltage 230-240V- 50/60Hz	Lighting Load 2x10W E27	Detection Area Max. 9m ↔	Max. Height 2.8m	Time Adj. 10 Sek. - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C ~ +40°C	Protection Class I Class	Box Detail 24kg 8 PCS 82x60x41	TS EN 60669-2-1 TS EN 60598-2-1 
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### 10430

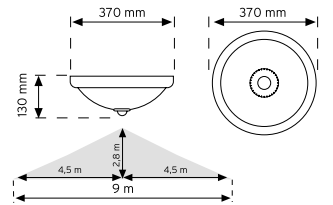
### CEILING TYPE SENSORLIGHT WITH 360° MOTION SENSOR - CHROME



SURFACE MOUNT



- Through 360°motion sensor, it detects every angle
- Smooth lighting through sanded glass
- Error-free detection with digital control
- Adjustable time and lux feature
- Easy installation on surface



Working Voltage 230-240V- 50/60Hz	Lighting Load 2x10W E27	Detection Area Max. 9m ↔	Max. Height 2.8m	Time Adj. 10 Sek. - 5 Min.	Lux Adj. 2-2000 Lux	Working Temp. -20°C ~ +40°C	Protection Class I Class	Box Detail 24kg 8 PCS 82x60x41	TS EN 60669-2-1 TS EN 60598-2-1 
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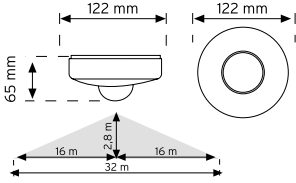
360°CEILING TYPE  
OCCUPANCY SENSOR

10500

- As long as there is a human presence , keeps the lamp on.
- Ability to detect every angle through TRIO motion sensor technology
- Ability to adjust between 180°-360° by angle apparatus
- Easy to mount on surface
- Time and lux adjustment with remote control
- 32m. detection distance
- Accurate detection achieved by enhanced digital signal processing software with powerful microprocessor.
- 4 season stable operation.
- Light warning upon detection



SURFACE  
MOUNT



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° Max. 9m	2.8m	3 Min. - 30 Min.	2-2000 lux	-20°C - +40°C	IP 20 I Class	CE

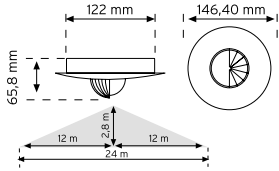
360°CEILING TYPE FLUSH MOUNT  
OCCUPANCY SENSOR

10510

- As long as there is a human presence , keeps the lamp on.
- Ability to detect every angle through TRIO motion sensor technology
- Ability to adjust between 180°-360° by angle apparatus
- Easy to flush mount
- Time and lux adjustment with remote control
- 32m. detection distance
- Accurate detection achieved by enhanced digital signal processing software with powerful microprocessor.
- 4 season stable operation.
- Light warning upon detection



FLUSH  
MOUNT



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° Max. 9m	2.8m	3 Min. - 30 Min.	2-2000 lux	-20°C - +40°C	IP 20 I Class	CE

**e-MOTION®**

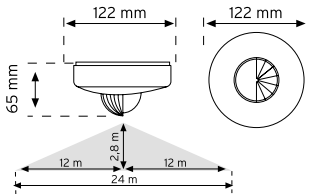
360°CEILING TYPE MOTION SENSOR

10463

- Ability to detect every angle through TRIO motion sensor technology
- Ability to adjust between 180°-360° by angle apparatus
- Easy to mount on surface
- Adjustable time, lux and distance settings
- Error-free detection with digital control
- 24m. detection distance



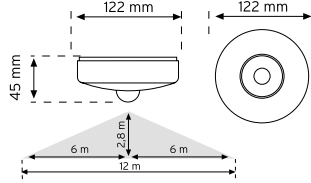
SURFACE  
MOUNT



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° 6 - 24 m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	CE



### 10464 360° MOTION SENSOR

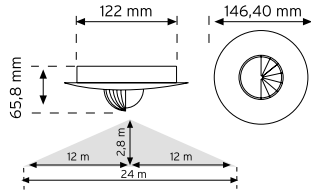


- 360° detection area
- Easy to mount on surface
- Adjustable time, lux and distance settings
- Error-free detection with digital control



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° 3 - 12 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	CE

### 10465 360° FLUSH MOUNT - MOTION SENSOR

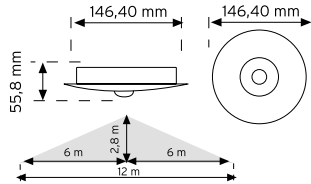


- Ability to detect every angle through TRIO motion sensor technology
- Ability to adjust between 180°-360° by angle apparatus
- Easy to flush-mounting
- Adjustable time, lux and distance settings
- Error-free detection with digital control
- 24m. detection distance



									TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° 6 - 24 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	Ø30 mm	-20°C - +40°C	IP 20 II Class	CE

### 10466 360° FLUSH MOUNT - MOTION SENSOR



- 360° detection area
- Easy to flush-mounting
- Adjustable time, lux and distance settings
- Error-free detection with digital control



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	360° 3 - 12 m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	CE

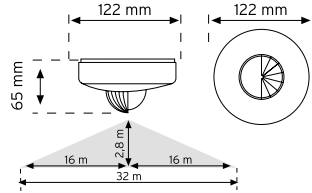
360°CEILING TYPE MOTION SENSOR  
(HALLWAY SENSOR)

10467

- 2 Eyed sensor tech / Hallway type
- Easy to flush-mounting
- Adjustable time, lux and distance settings
- Error-free detection with digital control
- 32m. detection distance



SURFACE MOUNT



								TS EN 60669-2-1 TS EN 60598-2-1
230-240V-50/60Hz	2000 W / 800 W	360° 6 - 32 m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	CE

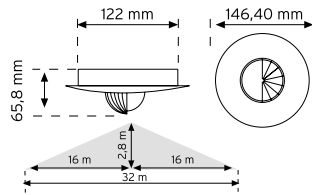
360°CEILING TYPE FLUSH MOUNT MOTION SENSOR  
(HALLWAY SENSOR)

10468

- 2 Eyed sensor tech / Hallway type
- Easy to flush-mounting
- Adjustable time, lux and distance settings
- Error-free detection with digital control
- 32m. detection distance



FLUSH MOUNT



								CE
230-240V-50/60Hz	2000 W / 800 W	360° 6 - 32 m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	

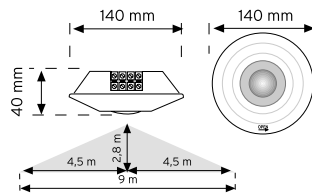
360° MOTION SENSOR - FLUSH MOUNT

10359

- 360° detection area
- Easy to mount on surface
- Adjustable Time and Lux Settings
- Error-free detection with digital control



FLUSH MOUNT



									TS EN 60669-2-1 TS EN 60598-2-1
230-240V-50/60Hz	1000 W / 400 W	360° Max. 9m	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	Blk 32 PCS 44,5x30x31	CE

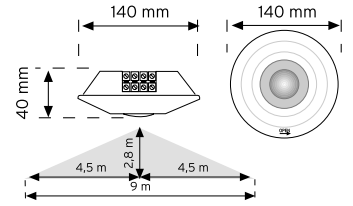
### 10360 360° MOTION SENSOR



SURFACE  
MOUNT



- 360° detection area
- Easy to mount on surface
- Adjustable Time and Lux Settings
- Error-free detection with digital control



230-240V- 50/60Hz	1000 W / 400 W	360° Max. 9m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	IP 20 II Class	8kg 32 PCS 44.5x30x21	CE

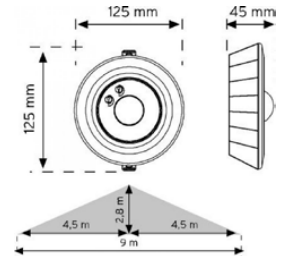
### 10361 360° MOTION SENSOR



SURFACE  
MOUNT



- 360° Erfassungswinkel
- Einfache Unterputzmontage
- Einstellbare Zeit und Lux Funktion
- Fehlerfreie Erkennung dank der digitaler Steuerung



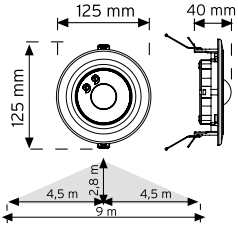
230-240V- 50/60Hz	1000 W / 400 W	360° Max. 9m ↔	2.8m	10 Sek. - 5 Min.	2-2000 lux	Ø30 mm	-20°C - +40°C	IP 20 II Class	8kg 32 PCS 44.5x30x21	CE

## SPOT TYPE 360° MOTION SENSOR

10362

FLUSH  
MOUNT

- 360° detection area
- 360° Rotatable body
- Easy to flush-mounting
- Adjustable Time and Lux Settings
- Error-free detection with digital control



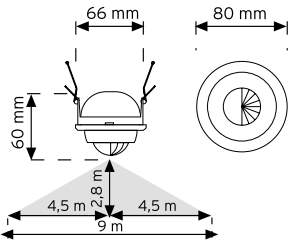
Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Cut Out	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1000 W / 400 W	360° Max. 9m	2.8m	10 Sek. - 5 Min.	2-2000 lux	Ø15 mm	-20°C - +40°C	IP 20 II Class	8kg - 32 PCS 475x294x275	

## SPOT TYPE 360° MOTION SENSOR

10365

FLUSH  
MOUNT

- Through 360° motion sensor, it detects every angle
- 30° rotatable motion sensor
- Easy to flush-mounting
- Adjustable Time and Lux Settings
- Error-free detection with digital control
- Adjustable between 30°-360° by angle apparatus



Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Cut Out	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1000 W / 400 W	360° Max. 9m	2.8m	10 Sek. - 6 Min.	2-2000 lux	Ø10 mm	-20°C - +40°C	IP 20 II Class	6.5kg - 40 PCS 475x38x18	

### 10366

### 360° HF MOTION SENSOR – FLUSH MOUNT

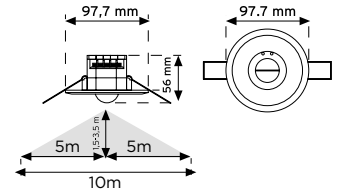
**e-MOTION®**



FLUSH MOUNT



- Through HF sensor technology it detects every direction within ability of lens angle
- Ability to detect behind wall, sheetrock and glass
- Easy flush MOUNT installation
- Adjustable time, lux and distance settings
- Error-free detection with digital control



Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	2000 W / 800 W	2 - 10m ↔	1.5 m - 3.5 m	10 Sek. - 30 Min.	10-500 lux	-20°C ~ +40°C	IP 20 II Class	

### 10367

### 360° HF MOTION SENSOR

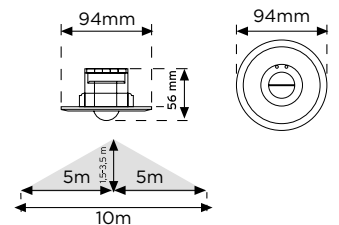
**e-MOTION®**



SURFACE MOUNT



- Through HF sensor technology it detects every direction within ability of lens angle
- Ability to detect behind wall, sheetrock and glass
- Easy to mount on surface
- Adjustable time, lux and distance settings
- Error-free detection with digital control



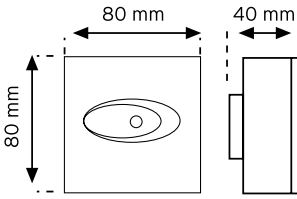
Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1200 W / 800 W	1-10 m (cap) →	1.5 m - 3.5 m	10 Sek. - 30 Min.	2-2000 lux	-20°C ~ +40°C	IP 20 II Class	

## CEILING TYPE HF (RADAR) MOTION SENSOR

10901

SURFACE  
MOUNT

- Through HF sensor technology it detects every direction within ability of lens angle
- Ability to detect behind wall, sheetrock and glass
- Easy to mount on surface
- Adjustable time, lux and distance settings
- Error-free detection with digital control



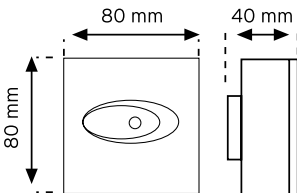
Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1000 W / 400 W	360° 6-14 m →	2.8 m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	IP / 20	8kg 50 PCS 34,5x27,5x27	CE

## WALL TYPE HF (RADAR) MOTION SENSOR

10912

WALL  
MOUNT

- Through HF sensor technology it detects every direction within ability of lens angle
- Ability to detect behind wall, sheetrock and glass
- Easy to mount on surface
- Adjustable time, lux and distance settings
- Error-free detection with digital control



Working Voltage	Lighting Load	Detection Area	Max. Height	Time Adj.	Lux Adj.	Working Temp.	Protection Class	Box Detail	TS EN 60669-2-1 TS EN 60598-2-1
230-240V- 50/60Hz	1000 W / 400 W	360° 6-25 m →	2.2 m	10 Sek. - 5 Min.	2-2000 lux	-20°C ~ +40°C	IP / 20	8kg 50 PCS 34,5x27,5x27	CE

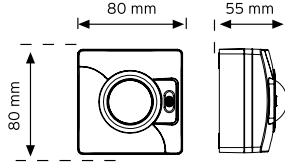
### 10100 SWITCH TYPE MOTION SENSOR



SURFACE MOUNT



WALL MOUNT



- AUTO, ON / OFF mode options with 3 spanned keys
- Easy to mount on surface and flush-mount
- Ability to use both ceiling and wall
- Adjustable Time and Lux Settings
- Error-free detection with digital control
- On the ceiling 360°, on the wall 180° detection area

230-240V- 50/60Hz	1000 W / 400 W	360° 180° 9m / 8m ↔	2.8 m / 1-2 m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	II Class	7kg 48 PCS 34,5x27,5x27	TS EN 60669-2-1 TS EN 60598-2-1

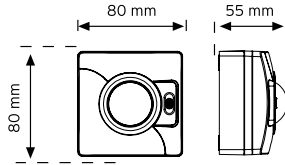
### 10100 Grey SWITCH TYPE MOTION SENSOR



SURFACE MOUNT



WALL MOUNT



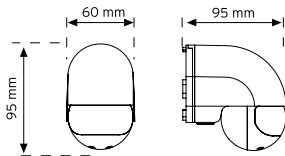
- AUTO, ON / OFF mode options with 3 spanned keys
- Easy to mount on surface and flush-mount
- Ability to use both ceiling and wall
- Adjustable Time and Lux Settings
- Error-free detection with digital control
- On the ceiling 360°, on the wall 180° detection area

230-240V- 50/60Hz	1000 W / 400 W	360° 180° 9m / 8m ↔	2.8 m / 1-2 m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	II Class	7kg 48 PCS 34,5x27,5x27	TS EN 60669-2-1 TS EN 60598-2-1

### 10180 180° WALL TYPE MOTION SENSOR



WALL MOUNT



- 120° left-right, up-down 30° rotatable sensor
- Adjustable Time and Lux Settings
- Error-free detection with digital control
- 180° detection area

230-240V- 50/60Hz	1000 W / 400 W	180° Max. 12 m →	2.2 m	10 Sek. - 5 Min.	2-2000 lux	-20°C - +40°C	II Class	7kg 33 PCS 31x27,5x32	TS EN 60669-2-1 TS EN 60598-2-1









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**ALGA**

**SAVIO**  
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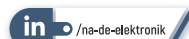
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