

Create value with innovation



# 2022 Spring CATALOGUE

IoT Zigbee IoT Zigbee IoT Zigbee IoT Zigbee

Multi - Functional Multi - Functional Multi - Functional

LUMI HARVEST INDUSTRIES LTD.  
LUMIX LIGHTING & ELECTRICAL CO.,LTD.  
NO.198,JING 11 ROAD ,XIN JIAN VILLAGE,XIAO GANG TOWN,  
BEILUN DISTRICT, NINGBO, CHINA  
Tel: +86-574-87254327 87254321  
Fax: +86-574-87241828  
E-mail: sales@lumixlite.com  
Website: www.lumixlite.com

LUMIX LIGHTING & ELECTRICAL

Create value with innovation



## PROFILE

Lumix Lighting & Electrical Co. Ltd. was founded in 2003.  
Running under BS EN ISO:9000, all resources are well organized to ensure quality management system.

Create Value with Innovation is the core concept of Lumix business activities.

### Core competitiveness:

#### Products

Each product must score high on 5 features:

1) Aesthetics 2) Multi-Functionality 3) User-Friendliness 4) Logistics-Friendliness 5) Outstanding Performance.  
Most products are patented.

#### Hardware

Complete in-house R&D, Manufacturing and Quality Assurance facilities: Plastic Injection, Metal processing, SMT, DIP, Final assembly, Automatic on-line testing & aging facilities as well as full range of testing devices in Labs.

#### Software

Over 2-decade experiences have accumulated countless market know-how, product know-how, technical know-how, management know-how.

#### Professional team

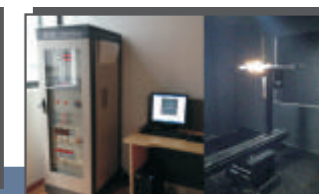
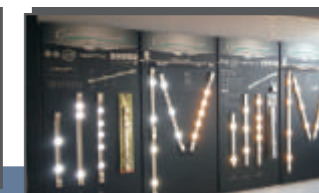
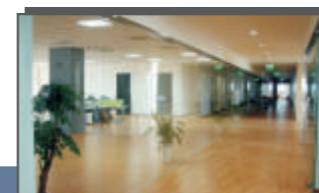
A group of key staff has served the company for over 15 years.

#### Sustainable Development

Non-stop research, innovation is in the blood of Lumix, a significant part of profit is regularly invested to make an ever-green company.

Main market: Europe 90%, Australia/ New Zealand 10%

*Create value with innovation*



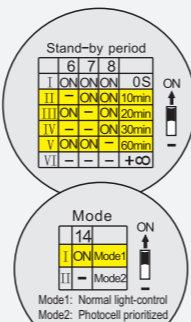
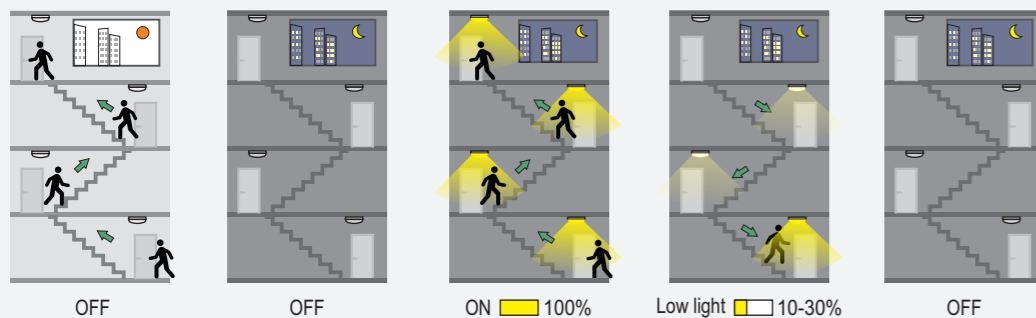


## Integrated smart driver with HF sensor



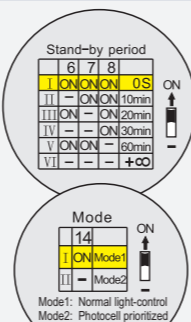
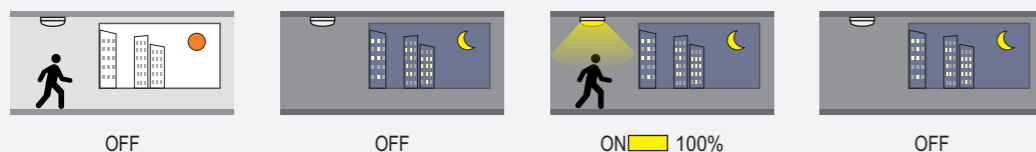
A

Normal light-control function  
Sensor with On/Low light(10-30%)/Off, three-step dimmable.



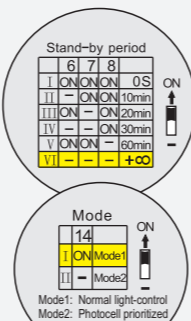
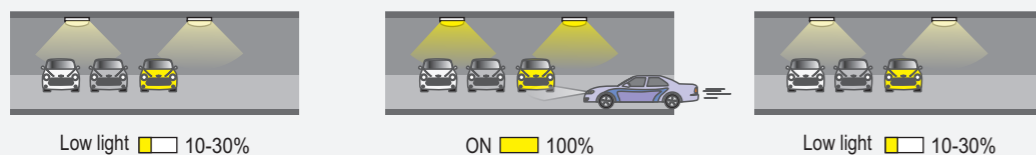
B

Normal light-control function  
Sensor with On/Off, two-step dimmable.



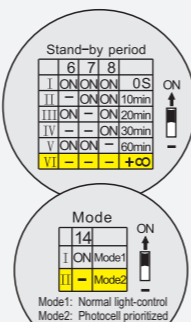
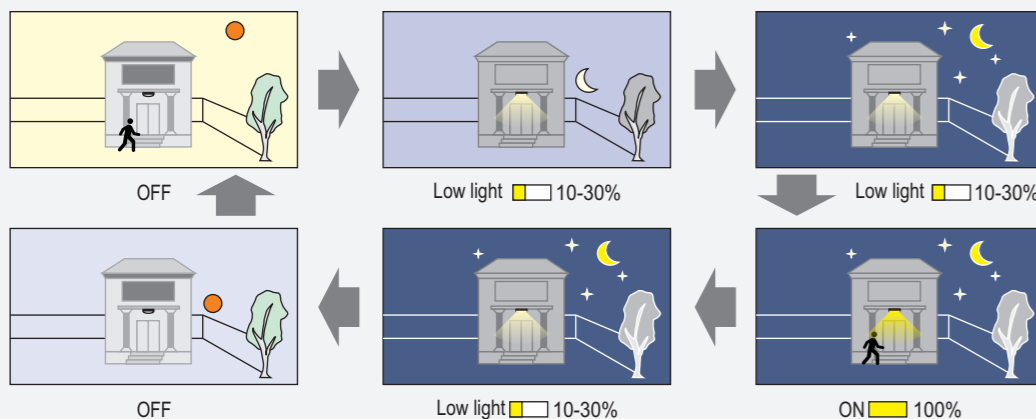
C

Normal light-control function  
Sensor with On/Low light(10-30%).



D

Photocell prioritized function  
Sensor with On/Low light(10-30%)



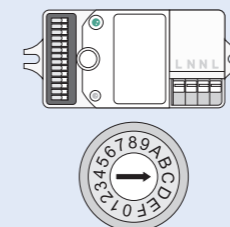
## RF Wireless HF sensor

Working Frequency: 868MHz ISM wave band

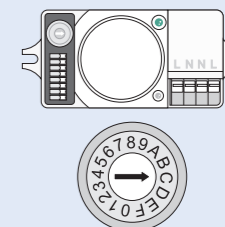
Emission Power: <100mW

Transmitting Distance: 30M(in door) 100M(open field)

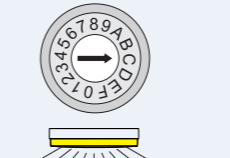
Sender



Receiver



Sender



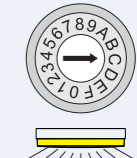
Receiver



Receiver

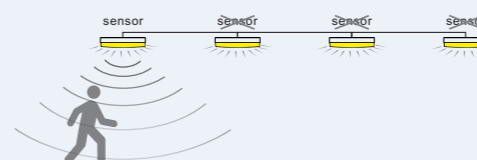


Receiver

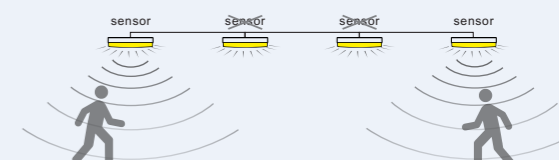


## Master/slave

Option A



Option B



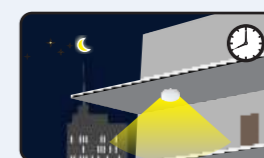
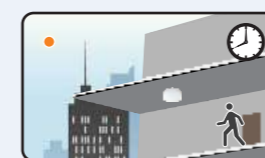
## Built-in Photocell + Selectable Brightness

OFF

ON 100%

ON 100%

OFF





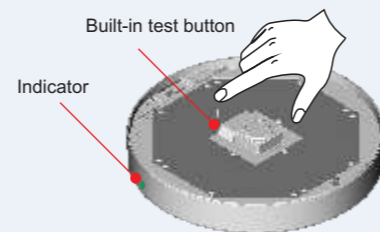
# Stand-Alone Multifunctional Version



## Emergency

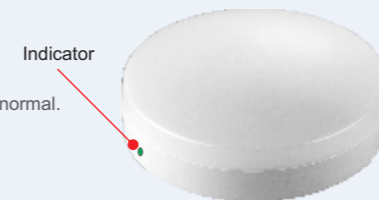


**Manual testing**  
(Luminaire with built-in test button)



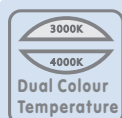
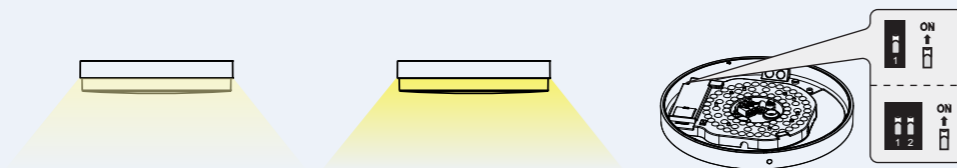
**Self testing** (Show status by indicator)

- 1.Green light on: Mains power supply on & battery system normal.
- 2.Red light on(flashing): Test failed.
- 3.Amber light on: Test in progress.



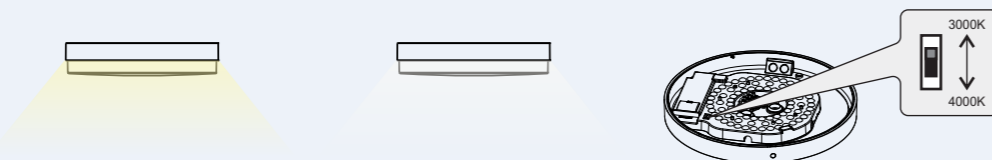
## Selectable Brightness

Different brightness settings by DIP switches on LED plates.

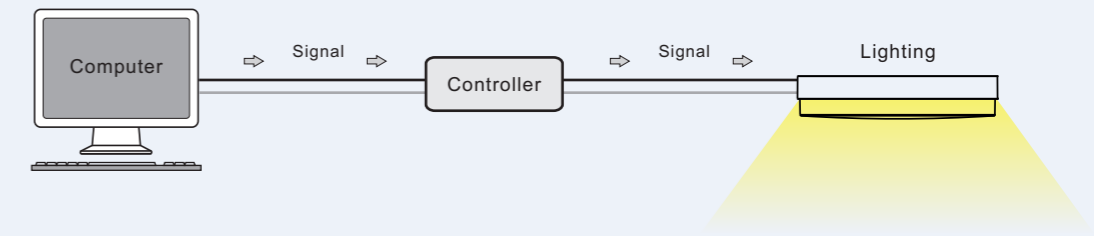


## Selectable Colour Temperature

Different colour temperature settings by DIP switches on LED plates.



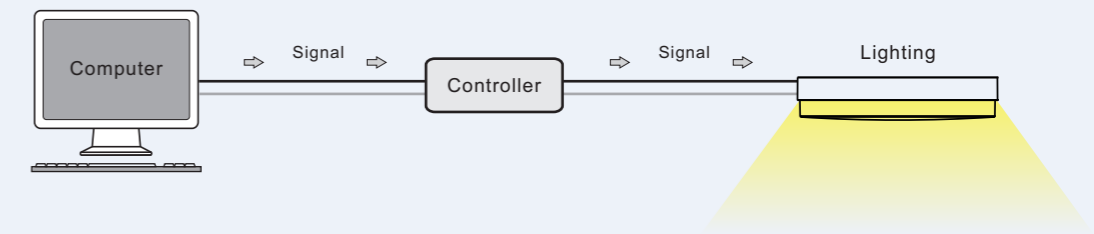
## DALI Dimming



## TRIAC Dimming

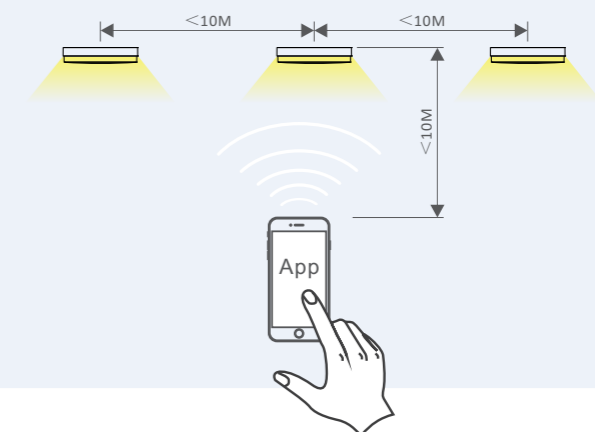


## DALI Dimming



## Bluetooth

- CCT Control
- Brightness Control
- Grouping

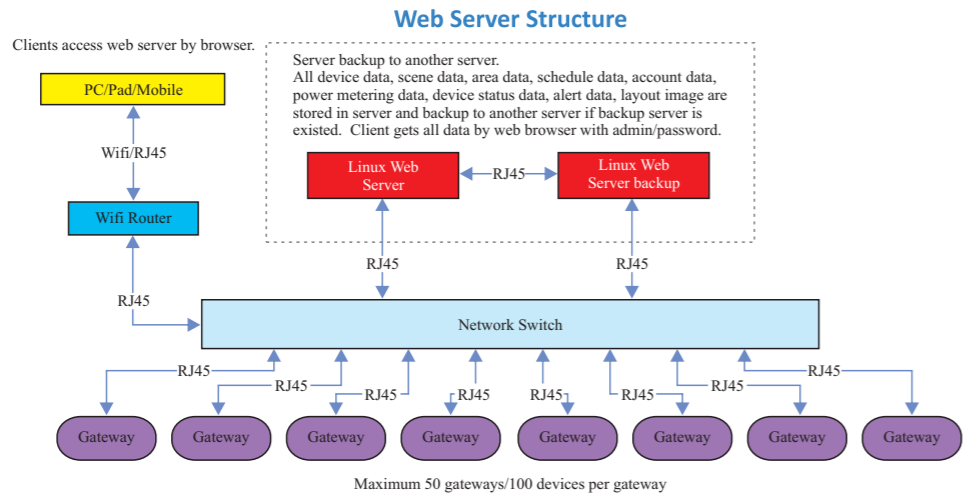




# IoT by Zigbee Version



## Web Server App Features



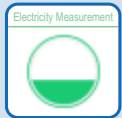
### Map Import

- Support map image in jpg format.
- Drag devices to any location in layout map.
- Device alert displays in layout map for user's easy checking the location.



### 2 Ways Communication

- It allows users to read real-time device status from App.
- Power data/ alert data/ emergency light autotest/ heatmap data is reported to App.



### Energy Data Report

- Energy data will report from controllers, drivers or circuit breaker.
- Define report data in year/ month/ week/ day.
- Define report data in area/ device.
- Energy data is stored in server up to 10 years.



### Failure Alert Report

- Abnormal power report from controllers, drivers or circuit breaker while load is incorrect.
- Offline alert report from all types of device while it is powered off or damaged.
- All alert data is stored in server for up to 10 years.



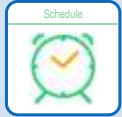
### Emergency Lighting AutoTest Report

- Support emergency light management: function test & duration test.
- Run auto test in app for monthly/ annual emergency lighting test.
- Auto test will report to server, so it takes only a few hours for user to know the test.



### Send Report Automatically

- Pre-set email address and cycle period in web server.
- All reports would be sent by email if the server has internet access.
- End user gets all info of failure alert/ energy data / device status/ emergency autotest/ heatmap from report.



### Schedule Management

- No limitation for Schedule number setting.
- Server has to stay on while schedule is running.
- Sensor on/ off can be set in schedule.
- Fade-in fade-out option in schedule.



### Scenario Management

- No limitation for Scenario number setting.
- Server has to stay on while scene is running.
- The schedule on/ off can be set in scenario
- Fade-in fade-out option in scenario.



### Account Management

- 1 Admin account, unlimited User accounts.
- Admin account defines user account user account area/ schedule/ scenario.
- User logins the system by account and password.



### Multiple Gateways in LAN

- One LAN supports 50/ 250 gateways.
- One gateway supports 100 devices.
- All gateways work parallel.



### Server Database

- If one server works, database could be backed up to another DISK.
- If two servers work, main server database is synchronized to another.
- All devices data/ area data/ scenario data/ schedule data/ account data/ energy data/ alert data/ status data/ emergency test data/ layout image are stored in server database.



### Gateway Backup

- Failed gateway data backup to a new gateway by app.
  - Data backup from gateway to microSD card by app.
- Backup content:  
Admin account: device, group, binding, scenario, area, schedule.  
Sub account: devices only.



### BMS Integration

- Optional to have BACnet/ IP interface with server app.
- Work with BMS that use BACnet protocol.
- BACnet: a communications protocol for Building Automation and Control (BAC) networks.



### Operating System Compatibility

- Server OS: Windows and Linux.
- Windows version: Windows server 2008/ 2016.



### Browser Compatibility

- All clients access the server app by browser.
- Support Google Chrome operated by PC/ mobile phone/ Pad.
- Server fits to different resolution for different PC/ mobile phone/ Pad.



### Over the Air Upgrade

- Device supports OTA upgrade.
- Easier to fix bugs or run new features.
- No need taking down lights again.



### Standard HA Protocol

- The controllers and drivers are based on standard ZigBee HA3.0 protocol.
- Compatible with other ZigBee HA3.0 devices.
- All HA3.0 devices from other companies need to be tested in our office.



### AES Encrypted

All communication is AES128 encrypted, from client to server, server to gateway, gateway to device.

## FUNCTION DIFFERENCE - Phone/ Tablet App vs Server APP

Function	Phone/ Tablet App	Server App	Remark
Map Import	No	Yes	jpg format.
Energy Consumption Report	Define report data for all devices/ individual device in year.	Define report data for all devices/ area/ group/ individual device in year/ month/ week/ day.	From server app, export report as a PDF. Send report to preset email address.
Failure Alert	Define failure in 2 types, offline/ abnormal power.	Define failure in 2 types, offline/ abnormal power. Option to choose for a specific time period. Show defective device location on the map. Pie Chart 1: different defective device type rate. Pie Chart 2: different defective area rate.	From server app, export report as a PDF. Send report to preset email address.
Real-time Status	Real-time power/ current/ voltage data of devices in Area.	Separate status for real-time power/ current/ voltage, and serviced life/ alert/ device type/ device quantity.	From server app, export report as a PDF. Send report to preset email address.
Area	Qty up to 20. Define in device/ group.	Qty no limitation. Import map and define device/ group in relevant areas.	/
Scenario	Qty up to 30.	Qty no limitation.	/
Schedule	Qty up to 20.	Qty no limitation.	/
Group	Add Group and Choose Device in the list. Pair a sensor/ sensor group with a light/ light group from Binding Setting.	Add Group by clicking lights and sensors on map. Grouping is done much easier.	/
Save Driver/ Controller Last Status	Set one by one by clicking setting wheel on Edit Device of driver/ controller.	One time setting for many devices.	/
Auto Test of Emergency Lighting	No	Yes	Offline/ abnormal power/ battery replacement alert/ overcharged battery.

## DATA DIFFERENCE - Phone/ Tablet App vs Server APP

Data	Phone/ Tablet App	Server App	Remark
Area/ Scenario/ Schedule/ Account	Data is stored in gateway.	Data is stored in local web server.	If server app is used, data will not reported to cloud server any more.
Energy Consumption/ Failure Alert	Data is stored in cloud server.	Data is stored in local web server. Choose data in a certain time period.	If server app is used, data will not reported to cloud server any more.
Device Status	Show real-time status.	Real-time + historical status. Historical status data is stored in local web server.	Web Server: choose data in a certain time period.
Account Management	Data is stored in gateway. Admin account: allocate devices and give remote control permission to user accounts. User account: define area/ scenario/ schedule on the allocated devices.	Data is stored in local web server. Admin account: defines area/ scenario/ schedule functions of devices allocated to user account. User account: on/ off/ dim allocated devices, on off schedules, change sensor parameters.	/
Map	No	Data is stored in local web server.	/
Data Storage Time	10 years in cloud server.	10 years in web server.	/



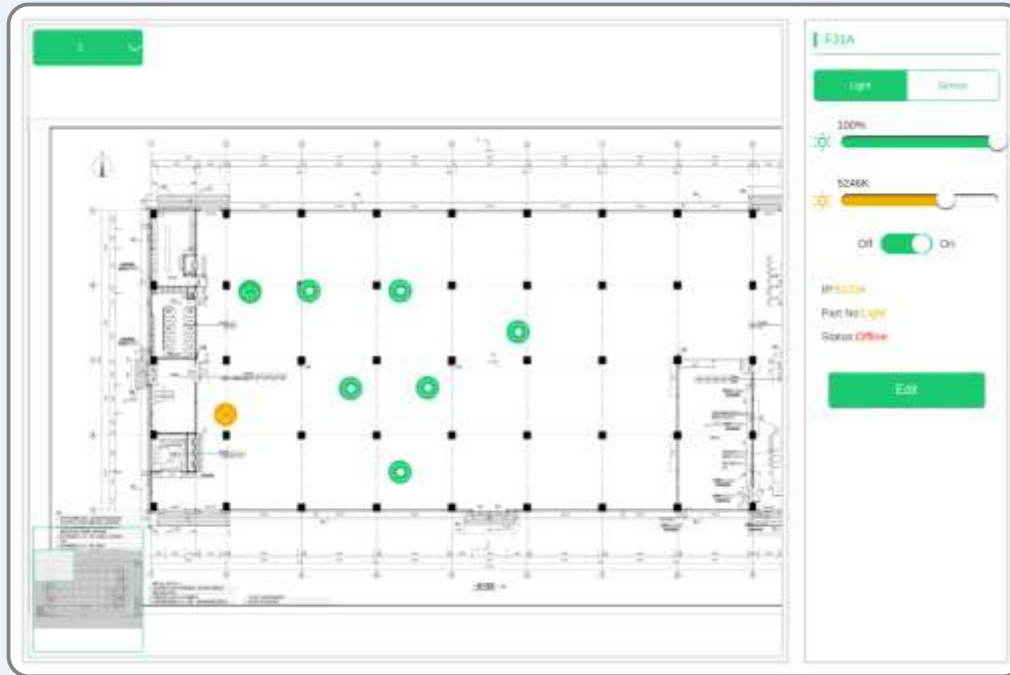
# Functions



Brightness Control



CCT Control



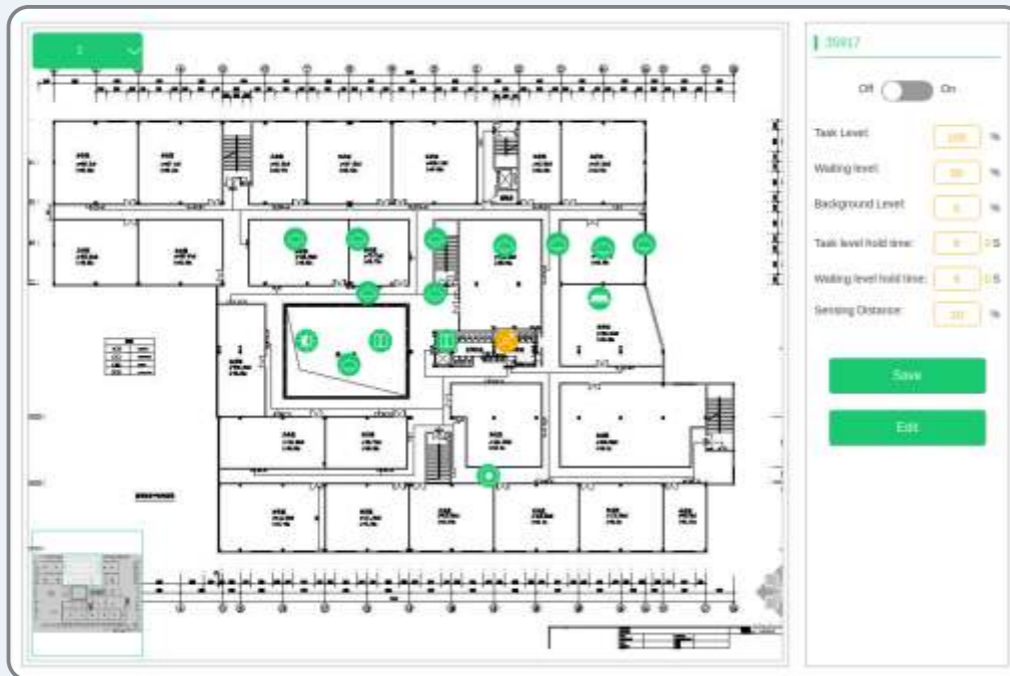
Emergency



HF Sensor

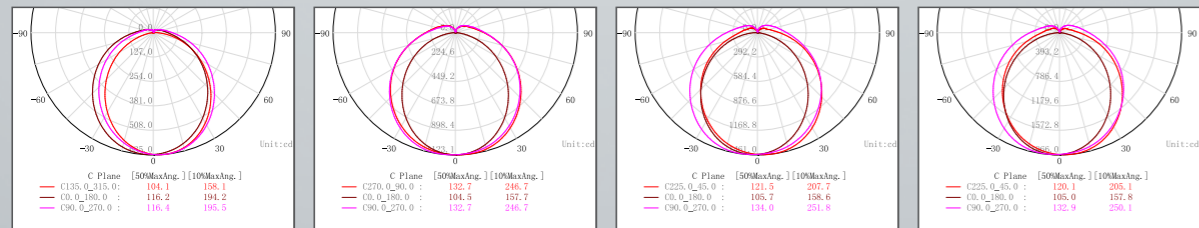


Grouping



PRO-SMART AREA

AREA LIGHTING



PSA06-2100

PSA12-4000

PSA15-5500

PSA15-7300

APPLICATION

- Car parking • Tunnels • Subway • Industries • Farms • Workshop • Warehouse • Open public area

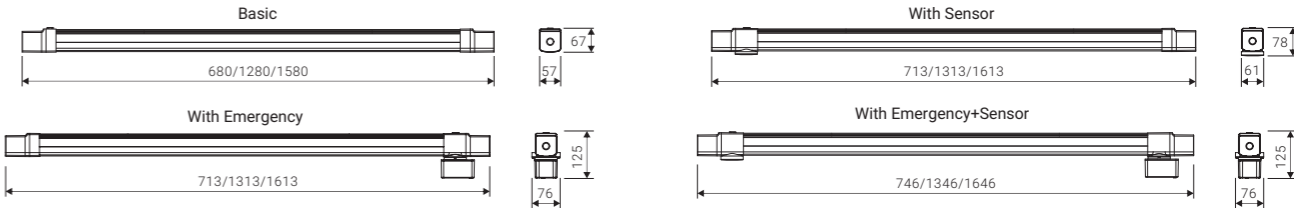


PRO-SMART AREA

AREA LIGHTING



Stand-Alone Multifunctional Version



Code	V	LED	W	LM					LxWxH	
PSA06-2100	220-240V~	SMD2835	16.5 W	2100 Lm	—	—	—	0.58	680x57x67 mm	
PSA06-2100S	220-240V~	SMD2835	17.5 W	2100 Lm	—	—	●	0.63	713x61x78 mm	
PSA06-2100EN01	220-240V~	SMD2835	17.5 W	2100 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	0.84	713x76x125 mm
PSA06-2100EN03	220-240V~	SMD2835	18 W	2100 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	1.00	713x76x125 mm
PSA06-2100EN01S	220-240V~	SMD2835	18.5 W	2100 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	0.89	746x76x125 mm
PSA06-2100EN03S	220-240V~	SMD2835	19 W	2100 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	1.05	746x76x125 mm
PSA06-2100EL01	220-240V~	SMD2835	17.5 W	2100 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	—	0.78	713x76x125 mm
PSA06-2100EL03	220-240V~	SMD2835	17.5 W	2100 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	—	0.82	713x76x125 mm
PSA06-2100EL01S	220-240V~	SMD2835	18.5 W	2100 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	●	0.83	746x76x125 mm
PSA06-2100EL03S	220-240V~	SMD2835	18.5 W	2100 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	●	0.87	746x76x125 mm
PSA12-4000	220-240V~	SMD2835	31 W	4000 Lm	—	—	—	0.96	1280x57x67 mm	
PSA12-4000S	220-240V~	SMD2835	32 W	4000 Lm	—	—	●	1.01	1313x61x78 mm	
PSA12-4000EN01	220-240V~	SMD2835	32 W	4000 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	1.22	1313x76x125 mm
PSA12-4000EN03	220-240V~	SMD2835	32.5 W	4000 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	1.38	1313x76x125 mm
PSA12-4000EN01S	220-240V~	SMD2835	33 W	4000 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	1.27	1346x76x125 mm
PSA12-4000EN03S	220-240V~	SMD2835	33.5 W	4000 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	1.43	1346x76x125 mm
PSA12-4000EL01	220-240V~	SMD2835	32 W	4000 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	—	1.16	1313x76x125 mm
PSA12-4000EL03	220-240V~	SMD2835	32 W	4000 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	—	1.20	1313x76x125 mm
PSA12-4000EL01S	220-240V~	SMD2835	33 W	4000 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	●	1.21	1346x76x125 mm
PSA12-4000EL03S	220-240V~	SMD2835	33 W	4000 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	●	1.25	1346x76x125 mm
PSA15-5500	220-240V~	SMD2835	42 W	5500 Lm	—	—	—	1.13	1580x57x67 mm	
PSA15-5500S	220-240V~	SMD2835	43 W	5500 Lm	—	—	●	1.18	1613x61x78 mm	
PSA15-5500EN01	220-240V~	SMD2835	43 W	5500 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	1.39	1613x76x125 mm
PSA15-5500EN03	220-240V~	SMD2835	43.5 W	5500 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	1.55	1613x76x125 mm
PSA15-5500EN01S	220-240V~	SMD2835	44 W	5500 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	1.44	1646x76x125 mm
PSA15-5500EN03S	220-240V~	SMD2835	44.5 W	5500 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	1.60	1646x76x125 mm
PSA15-5500EL01	220-240V~	SMD2835	43 W	5500 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	—	1.33	1613x76x125 mm
PSA15-5500EL03	220-240V~	SMD2835	43 W	5500 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	—	1.37	1613x76x125 mm
PSA15-5500EL01S	220-240V~	SMD2835	44 W	5500 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	●	1.38	1646x76x125 mm
PSA15-5500EL03S	220-240V~	SMD2835	44 W	5500 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	●	1.42	1646x76x125 mm
PSA15-7300	220-240V~	SMD2835	56 W	7300 Lm	—	—	—	1.15	1580x57x67 mm	
PSA15-7300S	220-240V~	SMD2835	57 W	7300 Lm	—	—	●	1.20	1613x61x78 mm	
PSA15-7300EN01	220-240V~	SMD2835	57 W	7300 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	1.41	1613x76x125 mm
PSA15-7300EN03	220-240V~	SMD2835	57.5 W	7300 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	1.57	1613x76x125 mm
PSA15-7300EN01S	220-240V~	SMD2835	58 W	7300 Lm	300 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	1.46	1646x76x125 mm
PSA15-7300EN03S	220-240V~	SMD2835	58.5 W	7300 Lm	300 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	1.62	1646x76x125 mm
PSA15-7300EL01	220-240V~	SMD2835	57 W	7300 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	—	1.35	1613x76x125 mm
PSA15-7300EL03	220-240V~	SMD2835	57 W	7300 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	—	1.39	1613x76x125 mm
PSA15-7300EL01S	220-240V~	SMD2835	58 W	7300 Lm	300 Lm	1h	LiFePO4, 0.6Ah, 6.4V	●	1.40	1646x76x125 mm
PSA15-7300EL03S	220-240V~	SMD2835	58 W	7300 Lm	300 Lm	3h	LiFePO4, 1.5Ah, 6.4V	●	1.44	1646x76x125 mm

\* PSA15-5500EN01-**ST** --- Emergency version with self-testing function  
PSA15-5500-**DA**---DALI version  
PSA15-5500-**DU**---Dual colour temperature version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

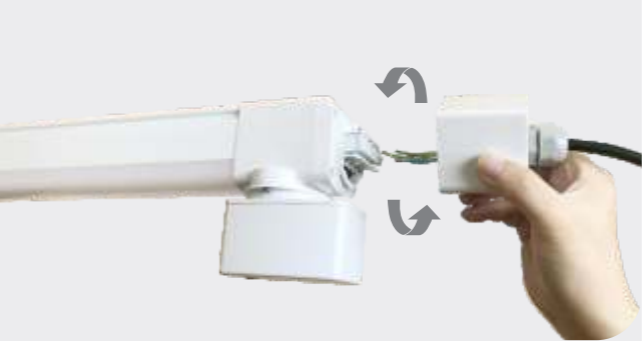


Code	V	LED	W	LM					LxWxH				
PSA06-2100-BC	220-240V~	SMD2835	16.5 W	2100 Lm	—	—	0.58	713x61x78 mm	●	●	—	—	—
PSA06-2100-BCS	220-240V~	SMD2835	17.5 W	2100 Lm	—	—	0.63	713x61x78 mm	●	●	—	●	—
PSA06-2100-BCEN01	220-240V~	SMD2835	17.5 W	2100 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	0.84	746x76x125 mm	●	●	●	—
PSA06-2100-BCEN03	220-240V~	SMD2835	18 W	2100 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.00	746x76x125 mm	●	●	●	—
PSA06-2100-BCEN01S	220-240V~	SMD2835	18.5 W	2100 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	0.89	746x76x125 mm	●	●	●	●
PSA06-2100-BCEN03S	220-240V~	SMD2835	19 W	2100 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.05	746x76x125 mm	●	●	●	●
PSA06-2100-BCEL01	220-240V~	SMD2835	17.5 W	2100 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	0.78	746x76x125 mm	●	●	●	—
PSA06-2100-BCEL03	220-240V~	SMD2835	17.5 W	2100 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	0.82	746x76x125 mm	●	●	●	—
PSA06-2100-BCEL01S	220-240V~	SMD2835	18.5 W	2100 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	0.83	746x76x125 mm	●	●	●	●
PSA06-2100-BCEL03S	220-240V~	SMD2835	18.5 W	2100 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	0.87	746x76x125 mm	●	●	●	●
PSA12-4000-BC	220-240V~	SMD2835	31 W	4000 Lm	—	—	0.96	1313x61x78 mm	●	●	—	—	—
PSA12-4000-BCS	220-240V~	SMD2835	32 W	4000 Lm	—	—	1.01	1313x61x78 mm	●	●	—	●	—
PSA12-4000-BCEN01	220-240V~	SMD2835	32 W	4000 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.22	1346x76x125 mm	●	●	●	—
PSA12-4000-BCEN03	220-240V~	SMD2835	32.5 W	4000 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.38	1346x76x125 mm	●	●	●	—
PSA12-4000-BCEN01S	220-240V~	SMD2835	33 W	4000 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.27	1346x76x125 mm	●	●	●	●
PSA12-4000-BCEN03S	220-240V~	SMD2835	33.5 W	4000 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.43	1346x76x125 mm	●	●	●	●
PSA12-4000-BCEL01	220-240V~	SMD2835	32 W	4000 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.16	1346x76x125 mm	●	●	●	—
PSA12-4000-BCEL03	220-240V~	SMD2835	32 W	4000 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.20	1346x76x125 mm	●	●	●	—
PSA12-4000-BCEL01S	220-240V~	SMD2835	33 W	4000 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.21	1346x76x125 mm	●	●	●	●
PSA12-4000-BCEL03S	220-240V~	SMD2835	33 W	4000 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.25	1346x76x125 mm	●	●	●	●
PSA15-5500-BC	220-240V~	SMD2835	42 W	5500 Lm	—	—	1.13	1613x61x78 mm	●	●	—	—	—
PSA15-5500-BCS	220-240V~	SMD2835	43 W	5500 Lm	—	—	1.18	1613x61x78 mm	●	●	—	●	—
PSA15-5500-BCEN01	220-240V~	SMD2835	43 W	5500 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.39	1646x76x125 mm	●	●	●	—
PSA15-5500-BCEN03	220-240V~	SMD2835	43.5 W	5500 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.55	1646x76x125 mm	●	●	●	—
PSA15-5500-BCEN01S	220-240V~	SMD2835	44 W	5500 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.44	1646x76x125 mm	●	●	●	●
PSA15-5500-BCEN03S	220-240V~	SMD2835	44.5 W	5500 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.60	1646x76x125 mm	●	●	●	●
PSA15-5500-BCEL01	220-240V~	SMD2835	43 W	5500 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.33	1646x76x125 mm	●	●	●	—
PSA15-5500-BCEL03	220-240V~	SMD2835	43 W	5500 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.37	1646x76x125 mm	●	●	●	—
PSA15-5500-BCEL01S	220-240V~	SMD2835	44 W	5500 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.38	1646x76x125 mm	●	●	●	●
PSA15-5500-BCEL03S	220-240V~	SMD2835	44 W	5500 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.42	1646x76x125 mm	●	●	●	●
PSA15-7300-BC	220-240V~	SMD2835	56 W	7300 Lm	—	—	1.15	1613x61x78 mm	●	●	—	—	—
PSA15-7300-BCS	220-240V~	SMD2835	57 W	7300 Lm	—	—	1.20	1613x61x78 mm	●	●	—	●	—
PSA15-7300-BCEN01	220-240V~	SMD2835	57 W	7300 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.41	1646x76x125 mm	●	●	●	—
PSA15-7300-BCEN03	220-240V~	SMD2835	57.5 W	7300 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.57	1646x76x125 mm	●	●	●	—
PSA15-7300-BCEN01S	220-240V~	SMD2835	58 W	7300 Lm	350 Lm	1h	Ni-CD, 0.7Ah, 7.2V	1.46	1646x76x125 mm	●	●	●	●
PSA15-7300-BCEN03S	220-240V~	SMD2835	58.5 W	7300 Lm	350 Lm	3h	Ni-CD, 1.7Ah, 7.2V	1.62	1646x76x125 mm	●	●	●	●
PSA15-7300-BCEL01	220-240V~	SMD2835	57 W	7300 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.35	1646x76x125 mm	●	●	●	—
PSA15-7300-BCEL03	220-240V~	SMD2835	57 W	7300 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.39	1646x76x125 mm	●	●	●	—
PSA15-7300-BCEL01S	220-240V~	SMD2835	58 W	7300 Lm	350 Lm	1h	LiFePO4, 0.6Ah, 6.4V	1.40	1646x76x125 mm	●	●	●	●
PSA15-7300-BCEL03S	220-240V~	SMD2835	58 W	7300 Lm	350 Lm	3h	LiFePO4, 1.5Ah, 6.4V	1.44	1646x76x125 mm	●	●	●	●

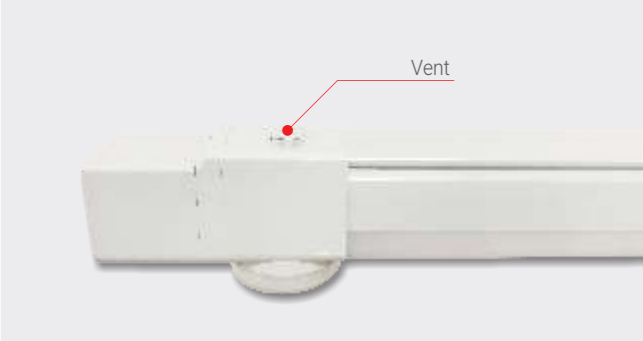
Zigbee Functions: Brightness Control CCT Control Emergency Sensor

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

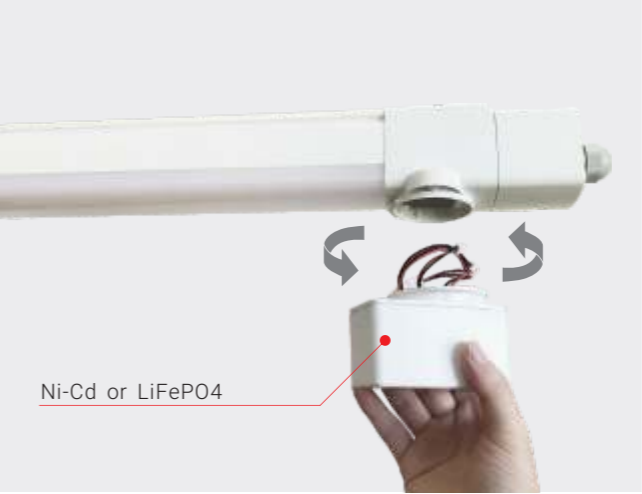
Easy Installation



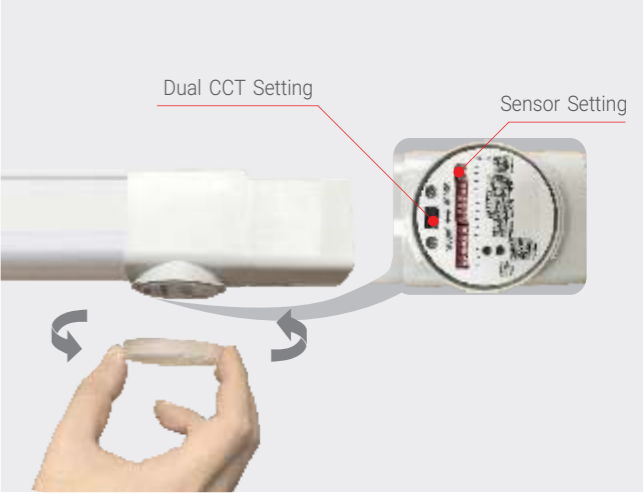
Vent



Battery Replacement



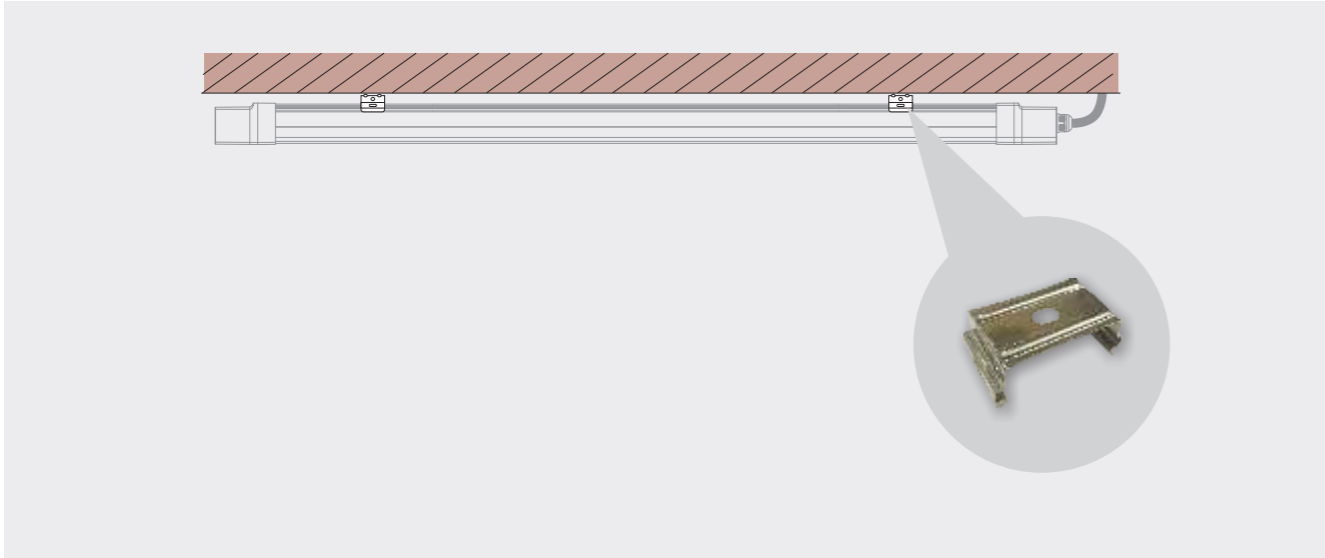
Sensor and Dual CCT



# PRO-SMART AREA

AREA LIGHTING

SURFACE Mounting



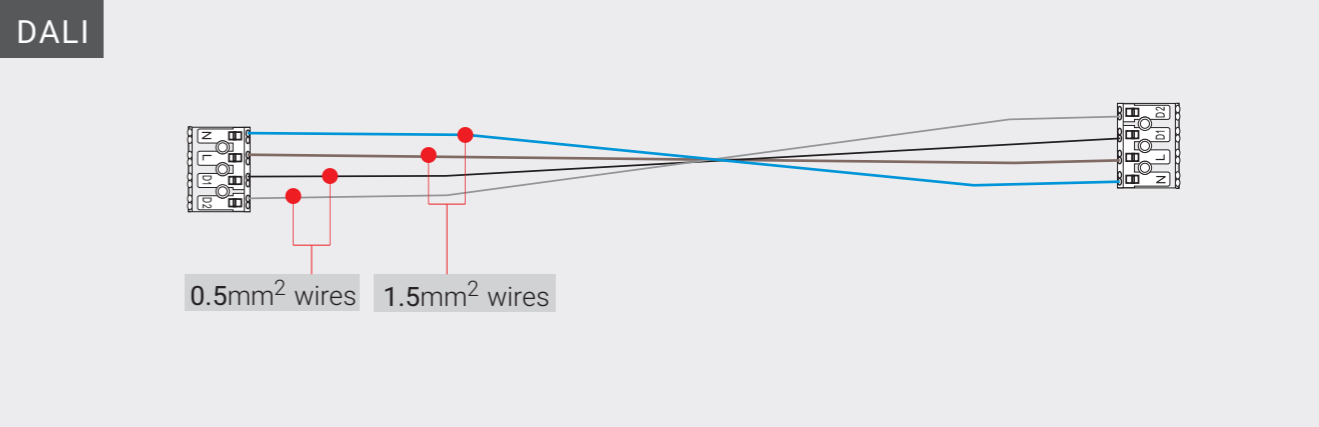
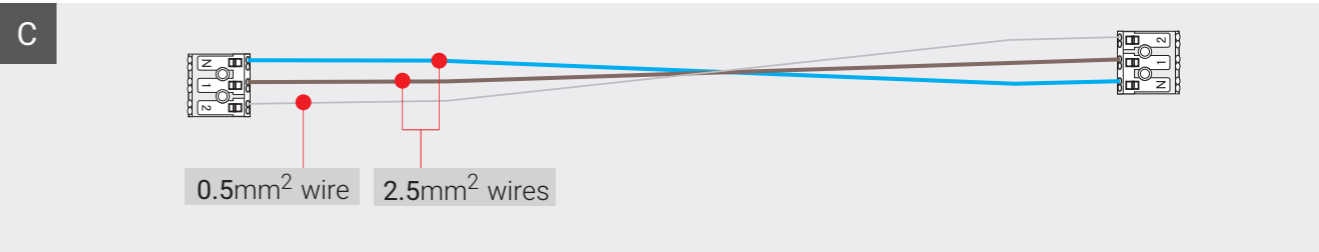
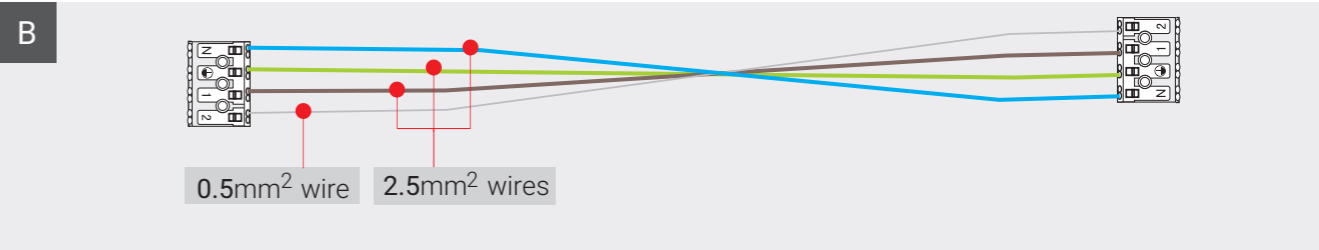
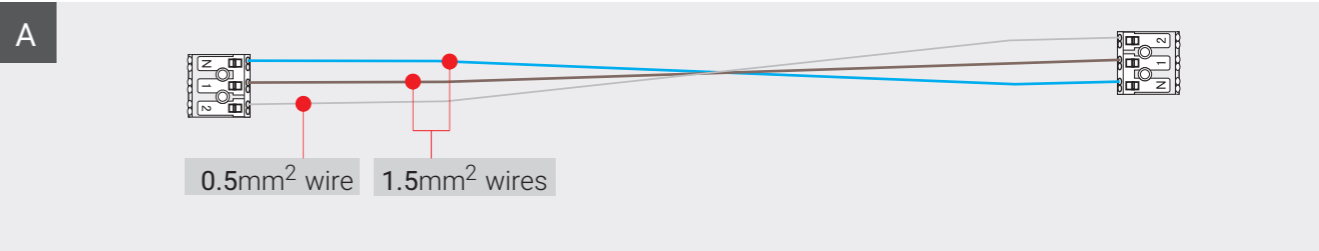
PENDANT Mounting



# PRO-SMART AREA

AREA LIGHTING

Internal Through Wires





# SMART CLOUD

CEILING LAMP

EMERGENCY

Touch Control

ATS

HF SENSOR

NEW

M-S

DALI

Selectable  
Brightness

3000K  
4000K  
Dual Colour  
Temperature

Built-in  
PHOTOCELL

Bluetooth

LIFE  
50,000  
Hrs

100  
LM/W

Flicker Free

IP44 IK10 CE

SCN-900

SCM-1500

## APPLICATION

- Houses
- Offices
- Retail
- Schools
- Hotels
- Hospitals



SMART CLOUD  
CEILING LAMP



Stand-Alone Multifunctional Version



Code	V	LED	W	LM					(ΦxH)
SCN-900	220-240V~	SMD2835	9 W	900/450 Lm	—	—	—	0.67	Φ267x57 mm
SCN-900S	220-240V~	SMD2835	10.5 W	900/450 Lm	—	—	●	0.68	Φ267x57 mm
SCM-1500	220-240V~	SMD2835	15 W	1500/1000/700 Lm	—	—	—	1.06	Φ335x63 mm
SCM-1500S	220-240V~	SMD2835	16.5 W	1500/1000/700 Lm	—	—	●	1.07	Φ335x63 mm
SCM-1500EL01	220-240V~	SMD2835	16 W	1500/1000/700 Lm	270 Lm	1h	LiFePO4, 1.5Ah, 3.2V	—	Φ335x63 mm
SCM-1500EL03	220-240V~	SMD2835	16 W	1500/1000/700 Lm	270 Lm	3h	LiFePO4, 3.0Ah, 3.2V	—	Φ335x63 mm
SCM-1500EL01S	220-240V~	SMD2835	17.5 W	1500/1000/700 Lm	270 Lm	1h	LiFePO4, 1.5Ah, 3.2V	●	Φ335x63 mm
SCM-1500EL03S	220-240V~	SMD2835	17.5 W	1500/1000/700 Lm	270 Lm	3h	LiFePO4, 3.0Ah, 3.2V	●	Φ335x63 mm
SCM-2300	220-240V~	SMD2835	23 W	2300/1500/1000 Lm	—	—	—	1.06	Φ335x63 mm
SCM-2300S	220-240V~	SMD2835	24.5 W	2300/1500/1000 Lm	—	—	●	1.07	Φ335x63 mm
SCM-2300EL01	220-240V~	SMD2835	24 W	2300/1500/1000 Lm	270 Lm	1h	LiFePO4, 1.5Ah, 3.2V	—	Φ335x63 mm
SCM-2300EL03	220-240V~	SMD2835	24 W	2300/1500/1000 Lm	270 Lm	3h	LiFePO4, 3.0Ah, 3.2V	—	Φ335x63 mm
SCM-2300EL01S	220-240V~	SMD2835	25.5 W	2300/1500/1000 Lm	270 Lm	1h	LiFePO4, 1.5Ah, 3.2V	●	Φ335x63 mm
SCM-2300EL03S	220-240V~	SMD2835	25.5 W	2300/1500/1000 Lm	270 Lm	3h	LiFePO4, 3.0Ah, 3.2V	●	Φ335x63 mm

\*SCM-1500EL01-**ST**---Emergency version with self-testing function      1h LiFePO4 6.4V 600mAh 14500MUB  
SCM-1500-**DA**---DALI version      3h LiFePO4 6.4V 1500mAh 18650MUB  
SCM-1500-**DU**---Dual colour temperature version  
SCM-1500-**PH**---Built-in Photocell version  
SCM-1500-**BL**---Bluetooth version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



IoT by Zigbee Version



Code	V	LED	W	LM				(ΦxH)				
SCN-900-BC	220-240V~	SMD2835	9 W	900 Lm	—	—	0.67	Φ267x57 mm	●	●	—	—
SCN-900-BCS	220-240V~	SMD2835	10.5 W	900 Lm	—	—	0.68	Φ267x57 mm	●	●	—	●
SCM-1500-BC	220-240V~	SMD2835	15 W	1500 Lm	—	—	1.06	Φ335x63 mm	●	●	—	—
SCM-1500-BCS	220-240V~	SMD2835	16.5 W	1500 Lm	—	—	1.07	Φ335x63 mm	●	●	—	●
SCM-1500-BCEL01	220-240V~	SMD2835	16 W	1500 Lm	270 Lm	1h	LiFePO4, 0.6Ah, 6.4V	Φ335x63 mm	●	●	●	—
SCM-1500-BCEL03	220-240V~	SMD2835	16 W	1500 Lm	270 Lm	3h	LiFePO4, 1.5Ah, 6.4V	Φ335x63 mm	●	●	●	—
SCM-1500-BCEL01S	220-240V~	SMD2835	17.5 W	1500 Lm	270 Lm	1h	LiFePO4, 0.6Ah, 6.4V	Φ335x63 mm	●	●	●	●
SCM-1500-BCEL03S	220-240V~	SMD2835	17.5 W	1500 Lm	270 Lm	3h	LiFePO4, 1.5Ah, 6.4V	Φ335x63 mm	●	●	●	●
SCM-2300-BC	220-240V~	SMD2835	23 W	2300 Lm	—	—	1.06	Φ335x63 mm	●	●	—	—
SCM-2300-BCS	220-240V~	SMD2835	24.5 W	2300 Lm	—	—	1.07	Φ335x63 mm	●	●	—	●
SCM-2300-BCEL01	220-240V~	SMD2835	24 W	2300 Lm	270 Lm	1h	LiFePO4, 0.6Ah, 6.4V	Φ335x63 mm	●	●	●	—
SCM-2300-BCEL03	220-240V~	SMD2835	24 W	2300 Lm	270 Lm	3h	LiFePO4, 1.5Ah, 6.4V	Φ335x63 mm	●	●	●	—
SCM-2300-BCEL01S	220-240V~	SMD2835	25.5 W	2300 Lm	270 Lm	1h	LiFePO4, 0.6Ah, 6.4V	Φ335x63 mm	●	●	●	●
SCM-2300-BCEL03S	220-240V~	SMD2835	25.5 W	2300 Lm	270 Lm	3h	LiFePO4, 1.5Ah, 6.4V	Φ335x63 mm	●	●	●	●

Zigbee Functions: Brightness Control CCT Control Emergency Sensor

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

SMART CLOUD  
CEILING LAMP

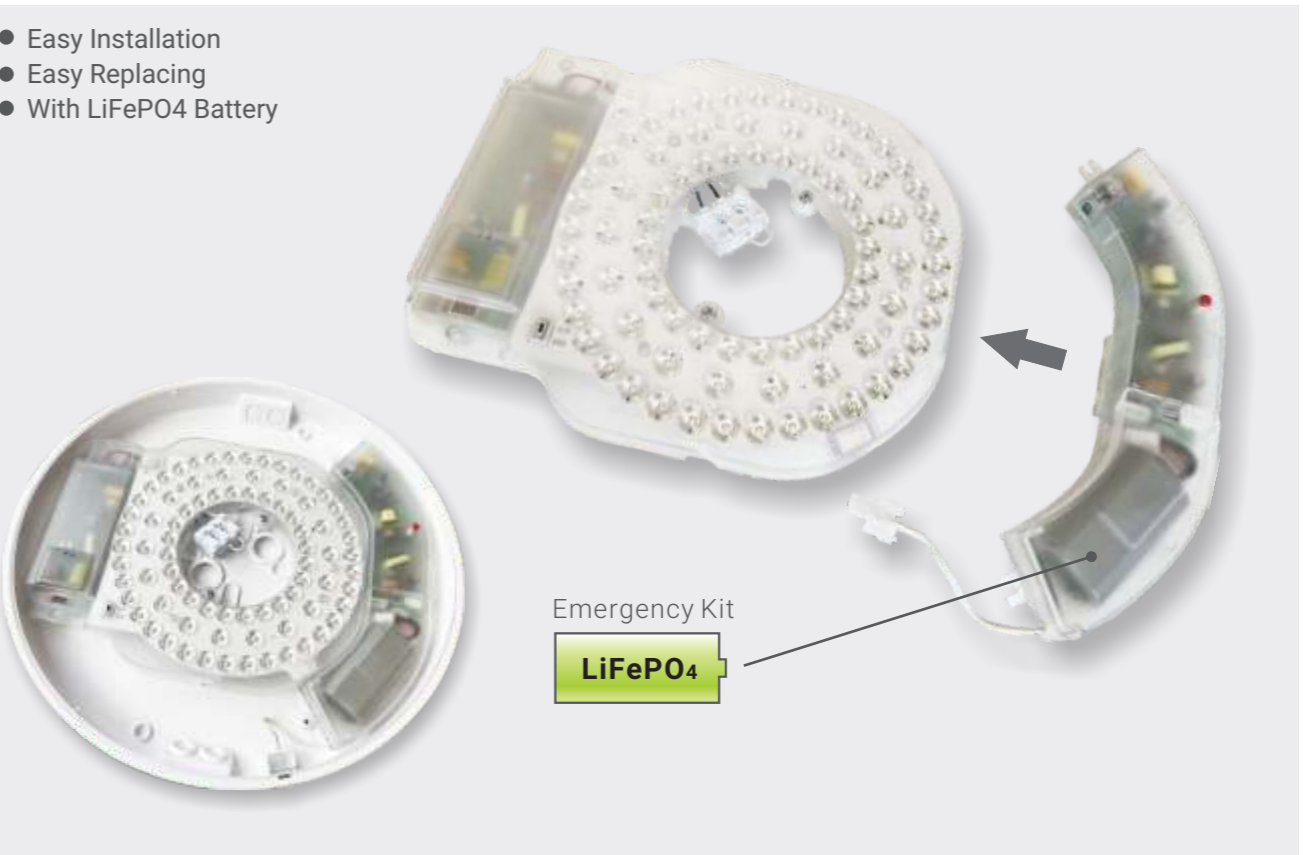
Modulized Lighting Engine

- Easy Installation
- Easy Replacing



Modulized Emergency Kit

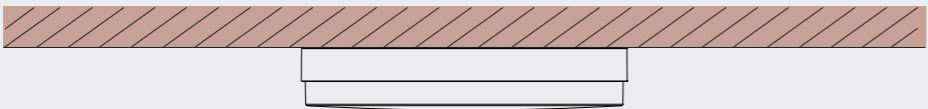
- Easy Installation
- Easy Replacing
- With LiFePO4 Battery



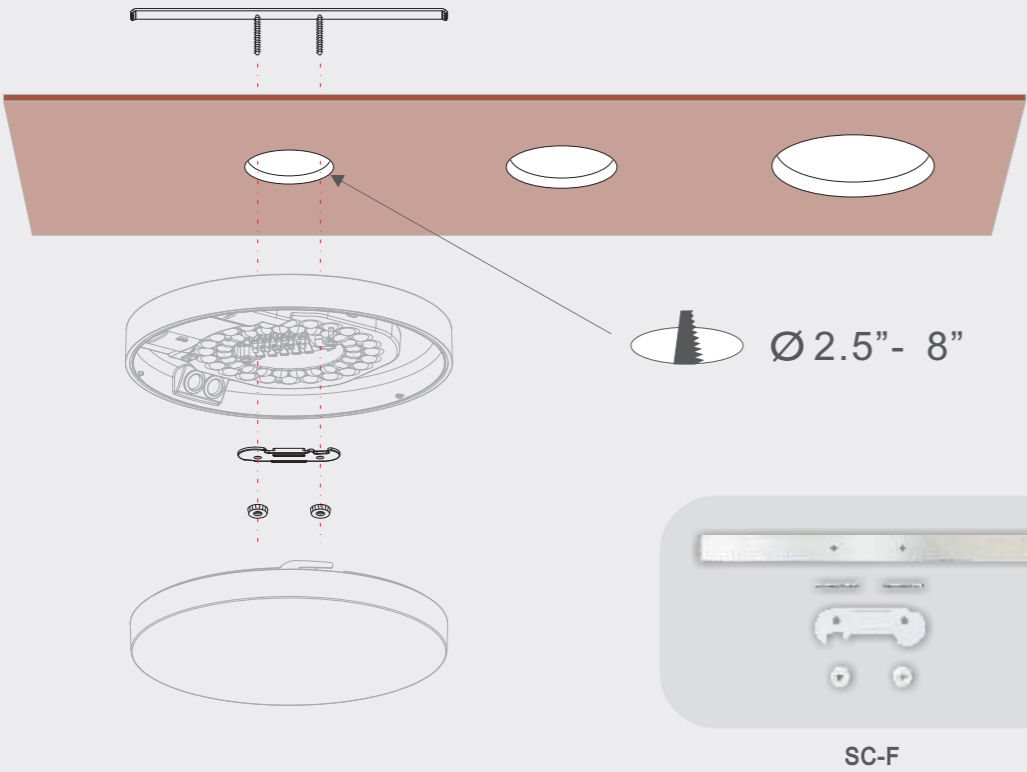
# SMART CLOUD

CEILING LAMP

SURFACE Mounting



FLUSH Mounting

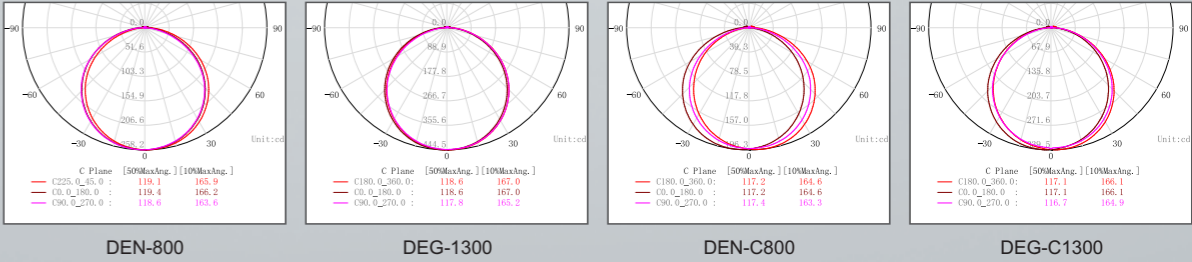




# DECO-EDEN

WALL LAMP

IP66 IK10 CE

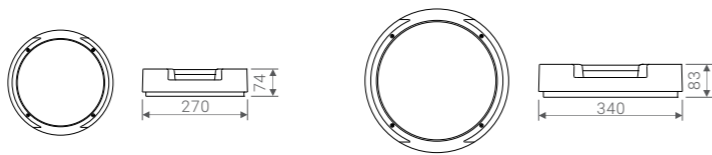


## APPLICATION

- Houses
- Offices
- Retail
- Schools
- Hotels
- Hospitals
- Open public area



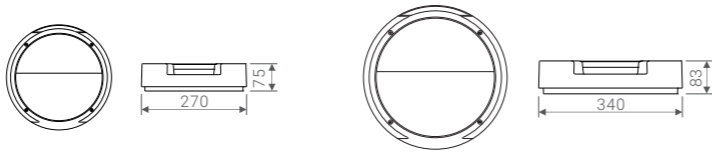
Stand-Alone Multifunctional Version



Code	V	LED	W	LM						(ΦxH)
DEN-800	220-240V~	SMD2835	9 W	800/400 Lm	—	—	—	1.67	Φ270x74 mm	
DEN-800S	220-240V~	SMD2835	10.5 W	800/400 Lm	—	—	●	1.68	Φ270x74 mm	
DEG-1300	220-240V~	SMD2835	15 W	1300/850/600 Lm	—	—	—	2.53	Φ340x83 mm	
DEG-1300S	220-240V~	SMD2835	16.5 W	1300/850/600 Lm	—	—	●	2.54	Φ340x83 mm	
DEG-1300EN01	220-240V~	SMD2835	16 W	1300/850/600 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	2.82	Φ340x83 mm
DEG-1300EN03	220-240V~	SMD2835	16.5 W	1300/850/600 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	2.98	Φ340x83 mm
DEG-1300EN01S	220-240V~	SMD2835	17.5 W	1300/850/600 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	2.83	Φ340x83 mm
DEG-1300EN03S	220-240V~	SMD2835	18 W	1300/850/600 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	2.99	Φ340x83 mm
DEG-2000	220-240V~	SMD2835	23 W	2000/1300/900 Lm	—	—	—	2.53	Φ340x83 mm	
DEG-2000S	220-240V~	SMD2835	24 W	2000/1300/900 Lm	—	—	●	2.54	Φ340x83 mm	
DEG-2000EN01	220-240V~	SMD2835	23.5 W	2000/1300/900 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	2.82	Φ340x83 mm
DEG-2000EN03	220-240V~	SMD2835	23.8 W	2000/1300/900 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	2.98	Φ340x83 mm
DEG-2000EN01S	220-240V~	SMD2835	24.5 W	2000/1300/900 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	2.83	Φ340x83 mm
DEG-2000EN03S	220-240V~	SMD2835	24.8 W	2000/1300/900 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	2.99	Φ340x83 mm

\* DEG-1300EN01-**ST**----Emergency version with self-testing function  
DEG-1300-**DA**----DALI version  
DEG-1300-**DU**----Dual colour temperature version  
DEG-1300-**PH**----Built-in Photocell version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



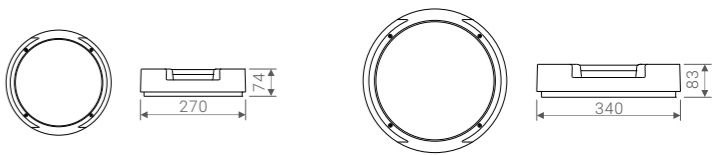
Code	V	LED	W	LM						(ΦxH)
DEN-C800	220-240V~	SMD2835	9 W	650/330 Lm	—	—	—	1.83	Φ270x75 mm	
DEN-C800S	220-240V~	SMD2835	10.5 W	650/330 Lm	—	—	●	1.84	Φ270x75 mm	
DEG-C1300	220-240V~	SMD2835	15 W	1000/700/500 Lm	—	—	—	2.77	Φ340x83 mm	
DEG-C1300S	220-240V~	SMD2835	16.5 W	1000/700/500 Lm	—	—	●	2.78	Φ340x83 mm	
DEG-C1300EN01	220-240V~	SMD2835	16 W	1000/700/500 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	3.06	Φ340x83 mm
DEG-C1300EN03	220-240V~	SMD2835	16.5 W	1000/700/500 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	3.22	Φ340x83 mm
DEG-C1300EN01S	220-240V~	SMD2835	17.5 W	1000/700/500 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	3.07	Φ340x83 mm
DEG-C1300EN03S	220-240V~	SMD2835	18 W	1000/700/500 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	3.23	Φ340x83 mm
DEG-C2000	220-240V~	SMD2835	23 W	1600/1000/700 Lm	—	—	—	2.77	Φ340x83 mm	
DEG-C2000S	220-240V~	SMD2835	24 W	1600/1000/700 Lm	—	—	●	2.78	Φ340x83 mm	
DEG-C2000EN01	220-240V~	SMD2835	23.5 W	1600/1000/700 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	—	3.06	Φ340x83 mm
DEG-C2000EN03	220-240V~	SMD2835	23.8 W	1600/1000/700 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	—	3.22	Φ340x83 mm
DEG-C2000EN01S	220-240V~	SMD2835	24.5 W	1600/1000/700 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	●	3.07	Φ340x83 mm
DEG-C2000EN03S	220-240V~	SMD2835	24.8 W	1600/1000/700 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	●	3.23	Φ340x83 mm

\* DEG-C1300EN01-**ST**----Emergency version with self-testing function  
DEG-C1300-**DA**----DALI version  
DEG-C1300-**DU**----Dual colour temperature version  
DEG-C1300-**PH**----Built-in Photocell version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



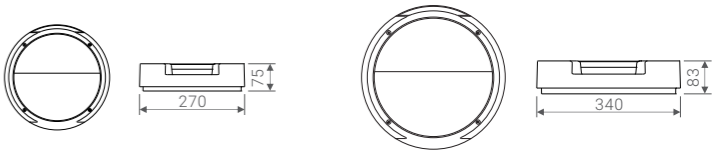
IoT by Zigbee Version



Code	V	LED	W	LM				(ΦxH)					
DEN-800-BC	220-240V~	SMD2835	9 W	800 Lm	—	—	1.67	Φ270x74 mm	●	●	—	—	
DEN-800-BCS	220-240V~	SMD2835	10.5 W	800 Lm	—	—	1.68	Φ270x74 mm	●	●	—	●	
DEG-1300-BC	220-240V~	SMD2835	15 W	1300 Lm	—	—	2.53	Φ340x83 mm	●	●	—	—	
DEG-1300-BCS	220-240V~	SMD2835	16.5 W	1300 Lm	—	—	2.54	Φ340x83 mm	●	●	—	●	
DEG-1300-BCEN01	220-240V~	SMD2835	16 W	1300 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	2.82	Φ340x83 mm	●	●	●	—
DEG-1300-BCEN03	220-240V~	SMD2835	16.5 W	1300 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	2.98	Φ340x83 mm	●	●	●	—
DEG-1300-BCEN01S	220-240V~	SMD2835	17.5 W	1300 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	2.83	Φ340x83 mm	●	●	●	●
DEG-1300-BCEN03S	220-240V~	SMD2835	18 W	1300 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	2.99	Φ340x83 mm	●	●	●	●
DEG-2000-BC	220-240V~	SMD2835	23 W	2000 Lm	—	—	2.53	Φ340x83 mm	●	●	—	—	
DEG-2000-BCS	220-240V~	SMD2835	24 W	2000 Lm	—	—	2.54	Φ340x83 mm	●	●	—	●	
DEG-2000-BCEN01	220-240V~	SMD2835	23.5 W	2000 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	2.82	Φ340x83 mm	●	●	●	—
DEG-2000-BCEN03	220-240V~	SMD2835	23.8 W	2000 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	2.98	Φ340x83 mm	●	●	●	—
DEG-2000-BCEN01S	220-240V~	SMD2835	24.5 W	2000 Lm	250 Lm	1h	Ni-CD, 0.7Ah, 7.2V	2.83	Φ340x83 mm	●	●	●	●
DEG-2000-BCEN03S	220-240V~	SMD2835	24.8 W	2000 Lm	250 Lm	3h	Ni-CD, 1.7Ah, 7.2V	2.99	Φ340x83 mm	●	●	●	●

Zigbee Functions: Brightness Control CCT Control Emergency Sensor

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



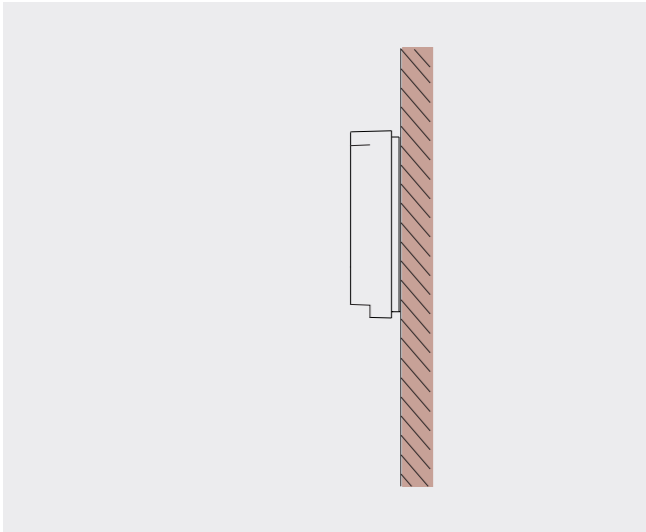
Code	V	LED	W	LM					(ΦxH)				
DEN-C800-BC	220-240V~	SMD2835	9 W	650 Lm	—	—	1.83	Φ270x75 mm	●	●	—	—	
DEN-C800-BCS	220-240V~	SMD2835	10.5 W	650 Lm	—	—	1.84	Φ270x75 mm	●	●	—	●	
DEG-C1300-BC	220-240V~	SMD2835	15 W	1000 Lm	—	—	2.77	Φ340x83 mm	●	●	—	—	
DEG-C1300-BCS	220-240V~	SMD2835	16.5 W	1000 Lm	—	—	2.78	Φ340x83 mm	●	●	—	●	
DEG-C1300-BCEN01	220-240V~	SMD2835	16 W	1000 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	3.06	Φ340x83 mm	●	●	●	—
DEG-C1300-BCEN03	220-240V~	SMD2835	16.5 W	1000 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	3.22	Φ340x83 mm	●	●	●	—
DEG-C1300-BCEN01S	220-240V~	SMD2835	17.5 W	1000 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	3.07	Φ340x83 mm	●	●	●	●
DEG-C1300-BCEN03S	220-240V~	SMD2835	18 W	1000 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	3.23	Φ340x83 mm	●	●	●	●
DEG-C2000-BC	220-240V~	SMD2835	23 W	1600 Lm	—	—	2.77	Φ340x83 mm	●	●	—	—	
DEG-C2000-BCS	220-240V~	SMD2835	24 W	1600 Lm	—	—	2.78	Φ340x83 mm	●	●	—	●	
DEG-C2000-BCEN01	220-240V~	SMD2835	23.5 W	1600 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	3.06	Φ340x83 mm	●	●	●	—
DEG-C2000-BCEN03	220-240V~	SMD2835	23.8 W	1600 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	3.22	Φ340x83 mm	●	●	●	—
DEG-C2000-BCEN01S	220-240V~	SMD2835	24.5 W	1600 Lm	200 Lm	1h	Ni-CD, 0.7Ah, 7.2V	3.07	Φ340x83 mm	●	●	●	●
DEG-C2000-BCEN03S	220-240V~	SMD2835	24.8 W	1600 Lm	200 Lm	3h	Ni-CD, 1.7Ah, 7.2V	3.23	Φ340x83 mm	●	●	●	●

Zigbee Functions: Brightness Control CCT Control Emergency Sensor

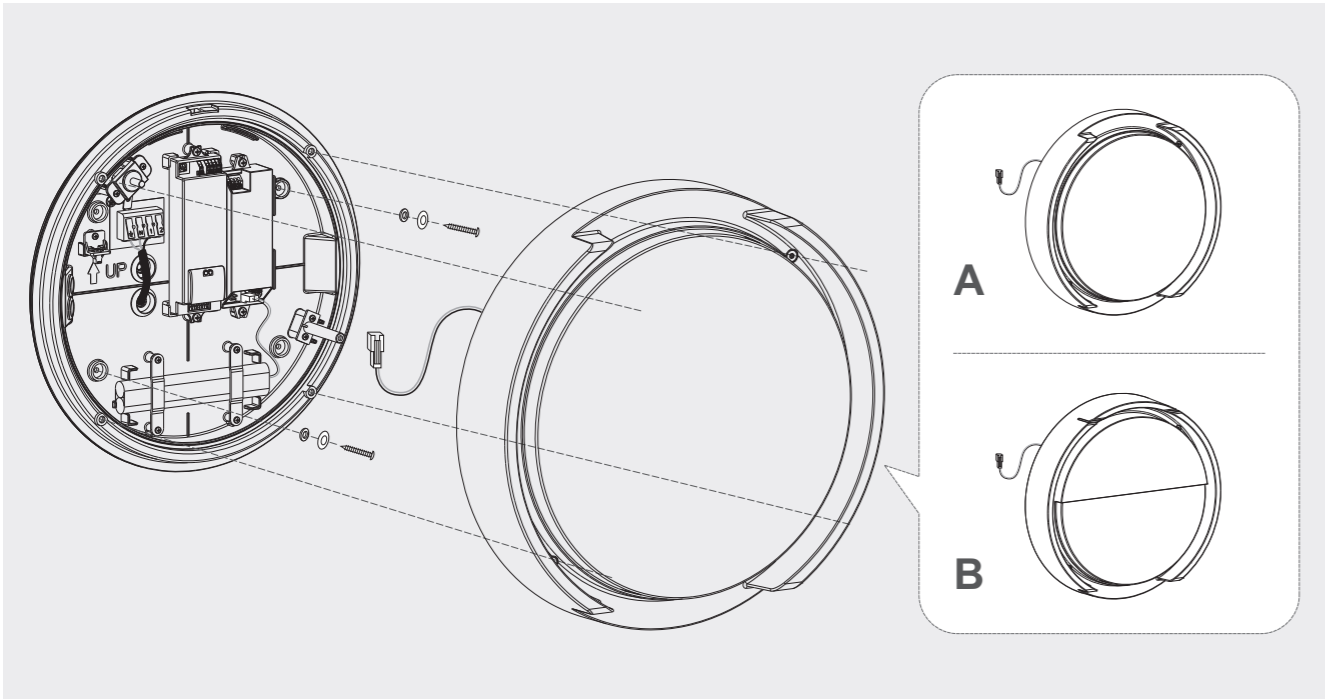
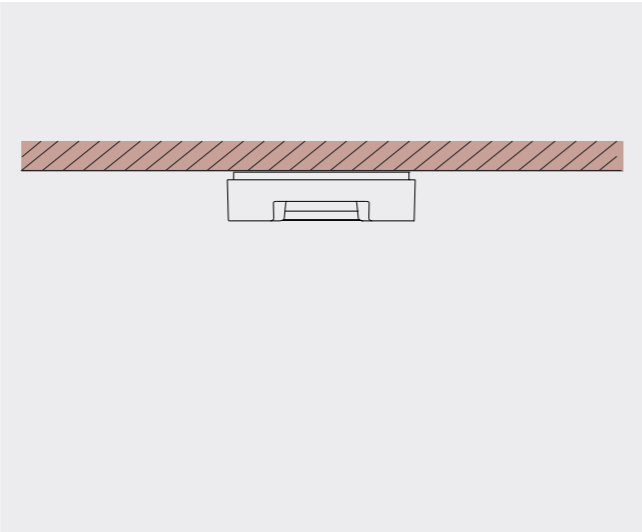
Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

DECO-EDEN  
WALL LAMP

WALL Mounting

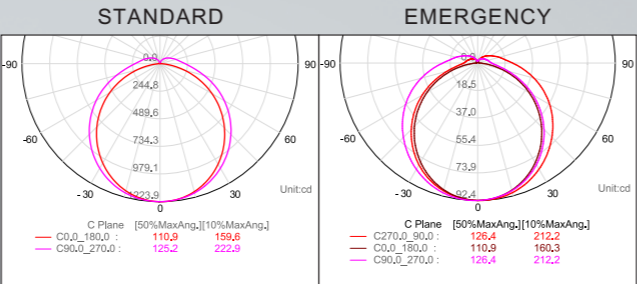


SURFACE Mounting



# SMART BATTEN

BATTEN LIGHT



## APPLICATION

- Industries
- Workshop
- Warehouse
- Corridor
- Indoor area
- Car parking



# SMART BATTEN

BATTEN LIGHT

Code	V	LED	W	LM				LxWxH
SBL600-2100	220-240V~	SMD2835	21 W	2100 Lm	—	—	—	600x141x60 mm
SBL600-2100S	220-240V~	SMD2835	22.5 W	2100 Lm	—	—	Yes	600x141x60 mm
SBL1200-4200	220-240V~	SMD2835	40 W	4200 Lm	—	—	—	1200x141x60 mm
SBL1200-4200S	220-240V~	SMD2835	41.5 W	4200 Lm	—	—	Yes	1200x141x60 mm
SBL1200-4200E01	220-240V~	SMD2835	41.5 W	4200 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	1200x141x60 mm
SBL1200-4200E03	220-240V~	SMD2835	42 W	4200 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1200x141x60 mm
SBL1200-4200E01S	220-240V~	SMD2835	43 W	4200 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	1200x141x60 mm
SBL1200-4200E03S	220-240V~	SMD2835	43.5 W	4200 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1200x141x60 mm
SBL1500-6000	220-240V~	SMD2835	57 W	6000 Lm	—	—	—	1500x141x60 mm
SBL1500-6000S	220-240V~	SMD2835	58.5 W	6000 Lm	—	—	Yes	1500x141x60 mm
SBL1500-6000E01	220-240V~	SMD2835	58.5 W	6000 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	1500x141x60 mm
SBL1500-6000E03	220-240V~	SMD2835	59 W	6000 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1500x141x60 mm
SBL1500-6000E01S	220-240V~	SMD2835	60 W	6000 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	1500x141x60 mm
SBL1500-6000E03S	220-240V~	SMD2835	60.5 W	6000 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1500x141x60 mm

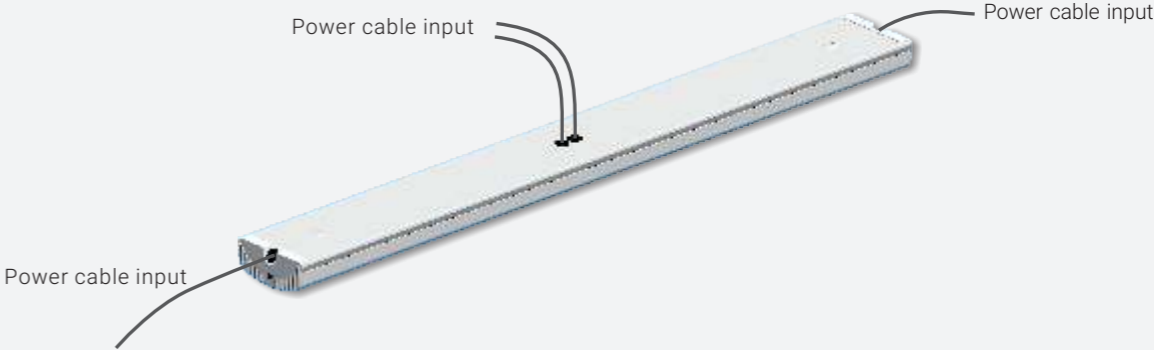
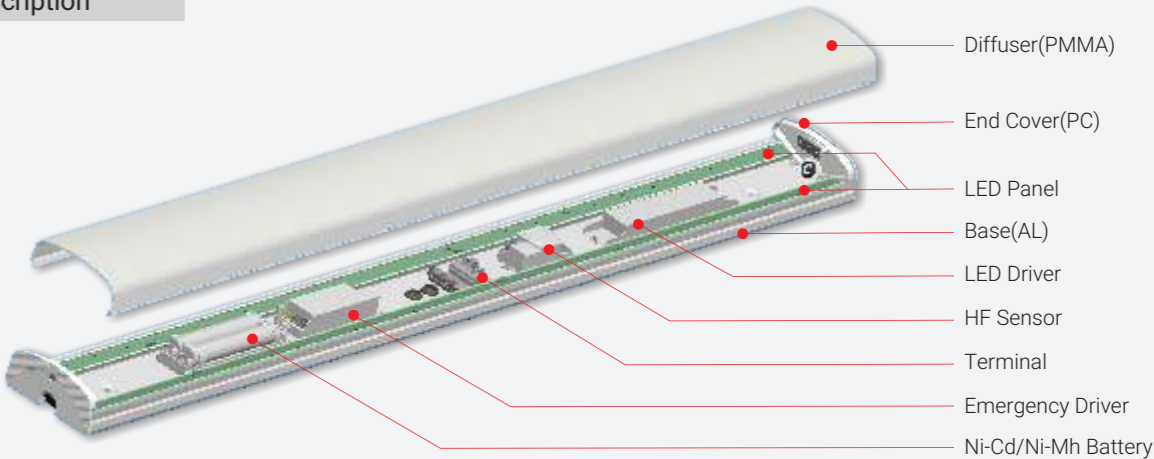
\* SBL1200-4200E01-**ST**---Emergency version with self testing function  
SBL1200-4200-**DA**---DALI version

Emergency Lumen

Parameter tolerance: ±10%

CCT: 4000K

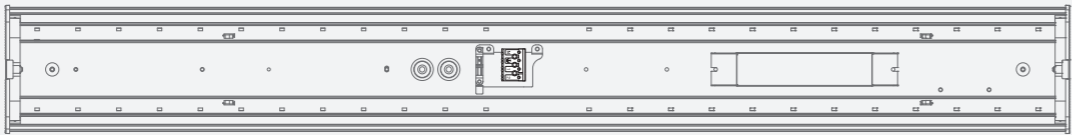
## Description



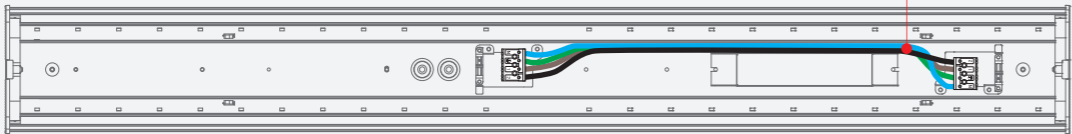
# SMART BATTEN

BATTEN LIGHT

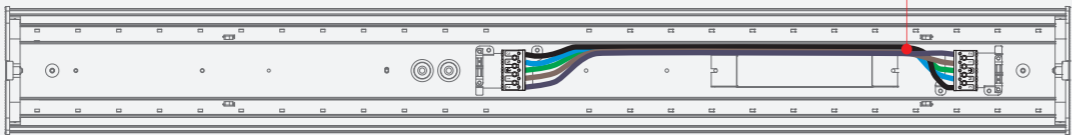
Standard ▶



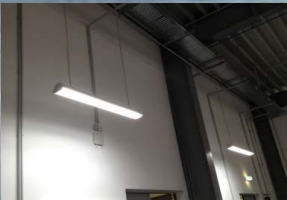
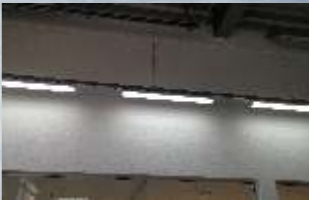
A ▶



B ▶

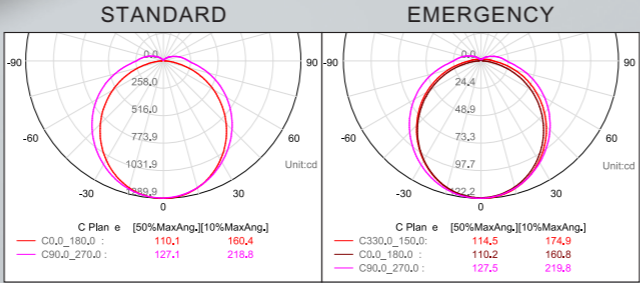
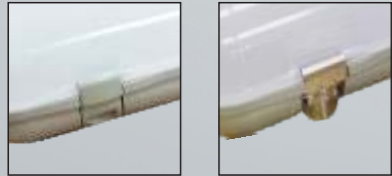


Audi 4S Germany



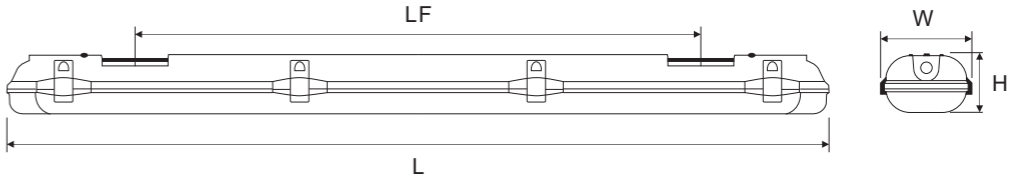
ECO SMART-AREA  
AREA LIGHT

ECO SMART-AREA  
AREA LIGHT



APPLICATION

- Car parking • Tunnels • Subway • Industries • Farms • Workshop • Warehouse • Open public area



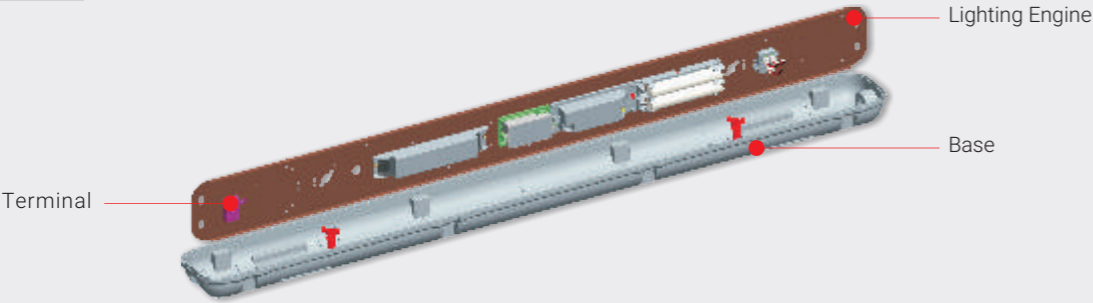
Code	V	LED	W	LM				LxWxH	
ESA118-664	220-240V~	SMD2835	9.2 W	1260 Lm	—	—	—	664x90x90x350 mm	1x18W
ESA118-664S	220-240V~	SMD2835	10.2 W	1260 Lm	—	—	Yes	664x90x90x350 mm	1x18W
ESA218-664	220-240V~	SMD2835	17.5 W	2415 Lm	—	—	—	664x140x90x350 mm	2x18W
ESA218-664S	220-240V~	SMD2835	18.5 W	2415 Lm	—	—	Yes	664x140x90x350 mm	2x18W
ESA136-1274	220-240V~	SMD2835	17.5 W	2415 Lm	—	—	—	1274x90x90x900 mm	1x36W
ESA136-1274S	220-240V~	SMD2835	18.5 W	2415 Lm	—	—	Yes	1274x90x90x900 mm	1x36W
ESA136-1274E01	220-240V~	SMD2835	18.5 W	2415 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1274x90x90x900 mm	1x36W
ESA136-1274E03	220-240V~	SMD2835	19 W	2415 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1274x90x90x900 mm	1x36W
ESA136-1274E01S	220-240V~	SMD2835	19 W	2415 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1274x90x90x900 mm	1x36W
ESA136-1274E03S	220-240V~	SMD2835	19.5 W	2415 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1274x90x90x900 mm	1x36W
ESA236-1274	220-240V~	SMD2835	35 W	4830 Lm	—	—	—	1274x140x90x900 mm	2x36W
ESA236-1274S	220-240V~	SMD2835	36 W	4830 Lm	—	—	Yes	1274x140x90x900 mm	2x36W
ESA236-1274E01	220-240V~	SMD2835	36 W	4830 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1274x140x90x900 mm	2x36W
ESA236-1274E03	220-240V~	SMD2835	36.5 W	4830 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1274x140x90x900 mm	2x36W
ESA236-1274E01S	220-240V~	SMD2835	36.5 W	4830 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1274x140x90x900 mm	2x36W
ESA236-1274E03S	220-240V~	SMD2835	37 W	4830 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1274x140x90x900 mm	2x36W
ESA158-1574	220-240V~	SMD2835	30 W	4095 Lm	—	—	—	1574x90x90x1200 mm	1x58W
ESA158-1574S	220-240V~	SMD2835	31 W	4095 Lm	—	—	Yes	1574x90x90x1200 mm	1x58W
ESA158-1574E01	220-240V~	SMD2835	31 W	4095 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1574x90x90x1200 mm	1x58W
ESA158-1574E03	220-240V~	SMD2835	31.5 W	4095 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1574x90x90x1200 mm	1x58W
ESA158-1574E01S	220-240V~	SMD2835	31.5 W	4095 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1574x90x90x1200 mm	1x58W
ESA158-1574E03S	220-240V~	SMD2835	32 W	4095 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1574x90x90x1200 mm	1x58W
ESA258-1574	220-240V~	SMD2835	56 W	7665 Lm	—	—	—	1574x140x90x1200 mm	2x58W
ESA258-1574S	220-240V~	SMD2835	57 W	7665 Lm	—	—	Yes	1574x140x90x1200 mm	2x58W
ESA258-1574E01	220-240V~	SMD2835	57 W	7665 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1574x140x90x1200 mm	2x58W
ESA258-1574E03	220-240V~	SMD2835	57.5 W	7665 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1574x140x90x1200 mm	2x58W
ESA258-1574E01S	220-240V~	SMD2835	57.5 W	7665 Lm	350 Lm	1h	Ni-CD AA700mAhHT 7.2V	1574x140x90x1200 mm	2x58W
ESA258-1574E03S	220-240V~	SMD2835	58 W	7665 Lm	350 Lm	3h	Ni-CD SC1700mAhHT 7.2V	1574x140x90x1200 mm	2x58W

\* ESA258-1574E01-**ST** ----- Emergency version with self testing function Emergency Lumen  
ESA258-1574-**D** ----- DALI version Parameter tolerance: ±10%  
CCT: 4000K

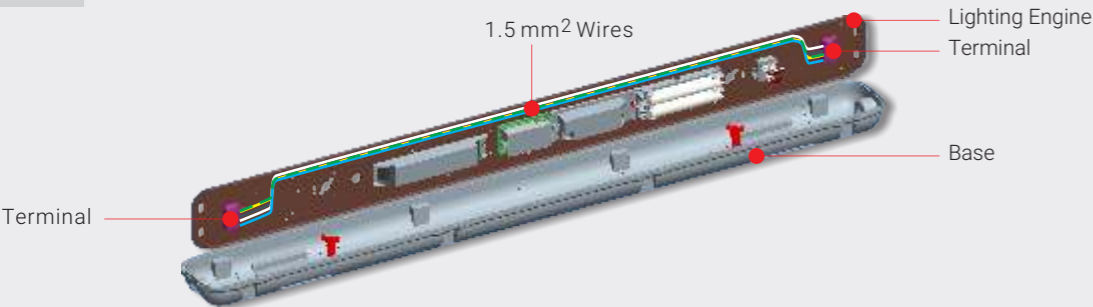
\* ESA236-1274~~S~~ } ESA236-1274(S) ----- Sender included  
ESA236-1274E01~~S~~ } ESA236-1274(R) ----- Receiver included  
ESA236-1274E03~~S~~ } RF wireless version

ECO SMART-AREA  
AREA LIGHT

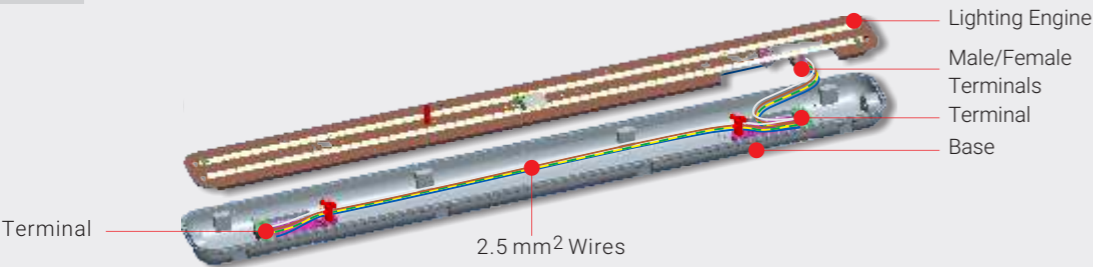
Standard



A

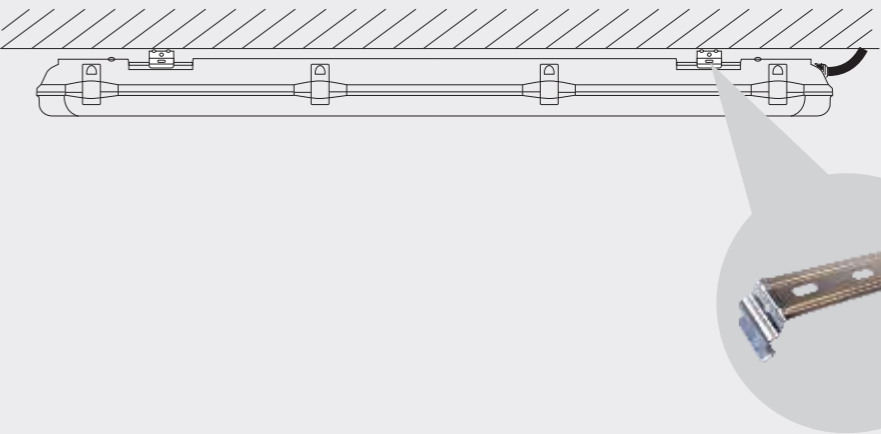


B

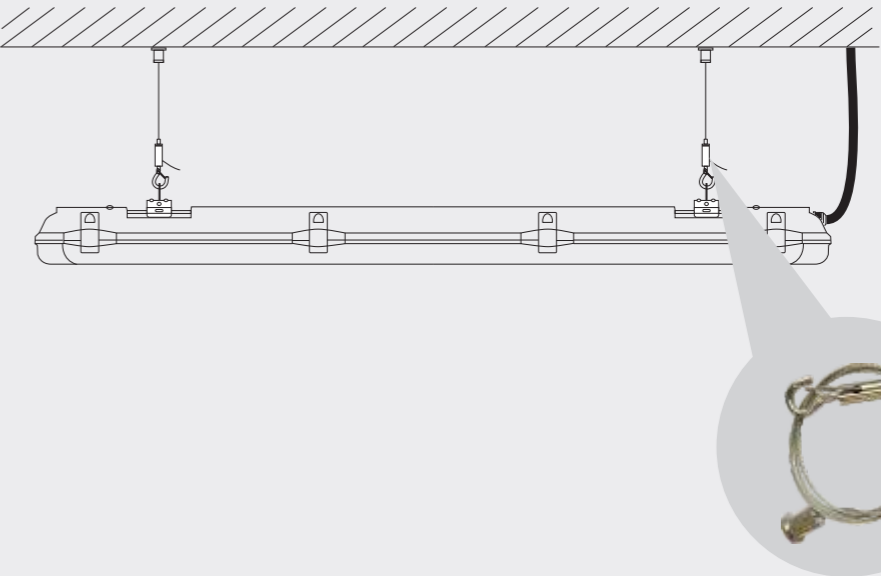


ECO SMART-AREA  
AREA LIGHT

SURFACE MOUNTING

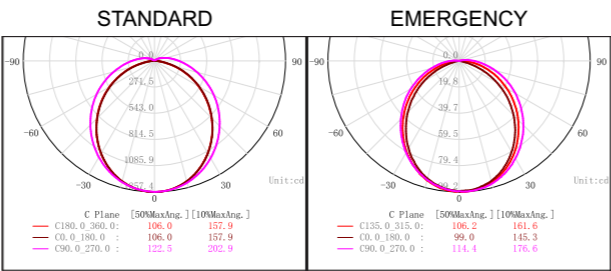
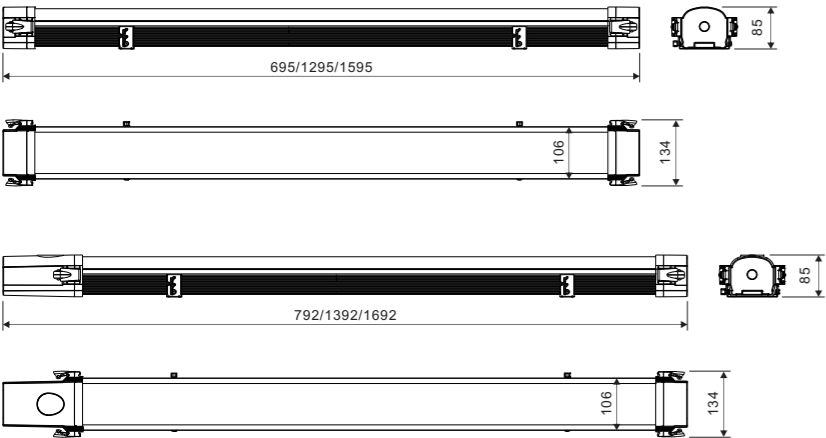


PENDANT MOUNTING



NOVO SMART AREA

AREA LIGHT



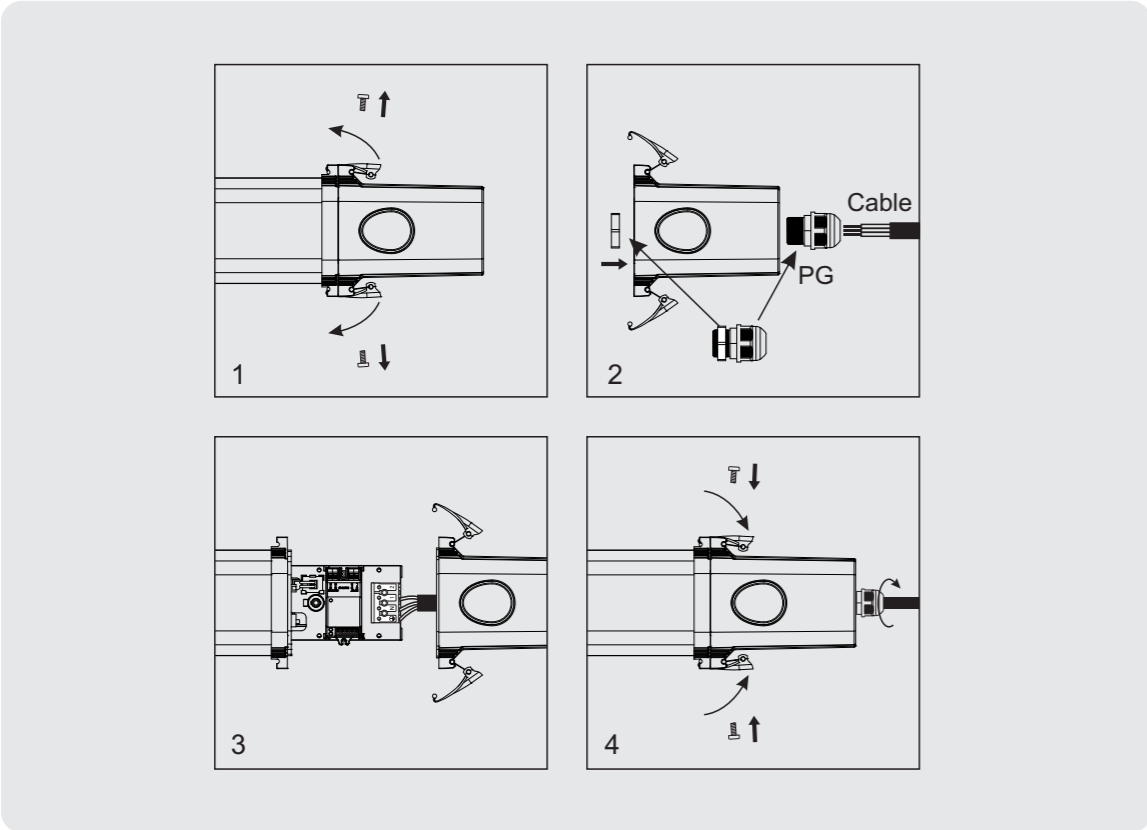
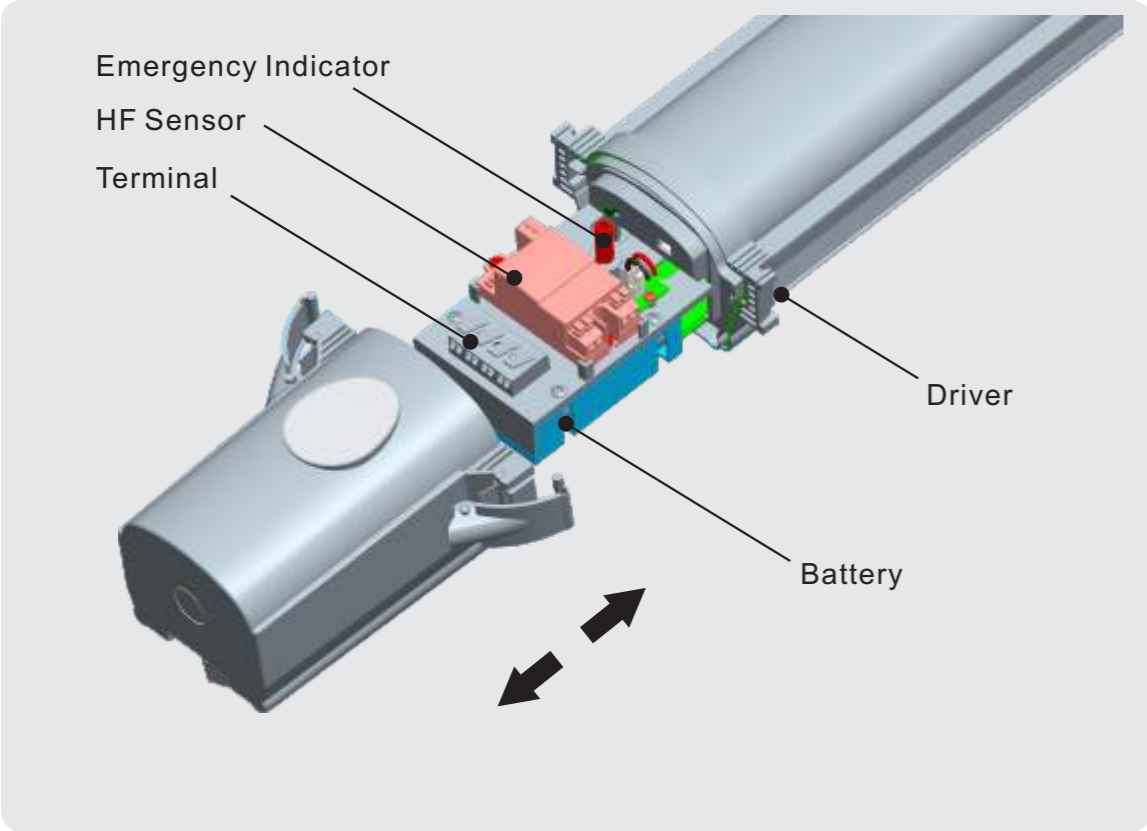
NOVO SMART AREA

AREA LIGHT

	V	LED	W (80lm/W)	W (100lm/W)	LM	🕒	🔋	📶	Max. Slaves	mm	KG	🔌	
NSA09-600	220-240V~	SMD2835	14.5 W	11.5 W	1150 Lm	—	—	—	—	695 mm	2	1x18W	
NSA09-600S	220-240V~	SMD2835	15.5 W	12.5 W	1150 Lm	—	—	Yes	24 pcs	792 mm	2.3	1x18W	
NSA09-600E01	220-240V~	SMD2835	15.5 W	12.5 W	1150 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	792 mm	2.4	1x18W	
NSA09-600E03	220-240V~	SMD2835	16 W	13 W	1150 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	792 mm	2.6	1x18W	
NSA09-600E01S	220-240V~	SMD2835	16 W	13 W	1150 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	24 pcs	792 mm	2.5	1x18W
NSA09-600E03S	220-240V~	SMD2835	16.5 W	13.5 W	1150 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	24 pcs	792 mm	2.7	1x18W
NSA18-600	220-240V~	SMD2835	28 W	23 W	2300 Lm	—	—	—	—	695 mm	2	2x18W	
NSA18-600S	220-240V~	SMD2835	29 W	24 W	2300 Lm	—	—	Yes	12 pcs	792 mm	2.3	2x18W	
NSA18-600E01	220-240V~	SMD2835	29 W	24 W	2300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	792 mm	2.4	2x18W	
NSA18-600E03	220-240V~	SMD2835	29.5 W	24.5 W	2300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	792 mm	2.6	2x18W	
NSA18-600E01S	220-240V~	SMD2835	29.5 W	24.5 W	2300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	12 pcs	792 mm	2.5	2x18W
NSA18-600E03S	220-240V~	SMD2835	30 W	25 W	2300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	12 pcs	792 mm	2.7	2x18W
NSA18-1200	220-240V~	SMD2835	28 W	23 W	2300 Lm	—	—	—	—	1295 mm	3	1x36W	
NSA18-1200S	220-240V~	SMD2835	29 W	24 W	2300 Lm	—	—	Yes	12 pcs	1392 mm	3.3	1x36W	
NSA18-1200E01	220-240V~	SMD2835	29 W	24 W	2300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	1392 mm	3.4	1x36W	
NSA18-1200E03	220-240V~	SMD2835	29.5 W	24.5 W	2300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	1392 mm	3.6	1x36W	
NSA18-1200E01S	220-240V~	SMD2835	29.5 W	24.5 W	2300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	12 pcs	1392 mm	3.5	1x36W
NSA18-1200E03S	220-240V~	SMD2835	30 W	25 W	2300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	12 pcs	1392 mm	3.7	1x36W
NSA36-1200	220-240V~	SMD2835	55 W	46 W	4600 Lm	—	—	—	—	1295 mm	3	2x36W	
NSA36-1200S	220-240V~	SMD2835	56 W	47 W	4600 Lm	—	—	Yes	6 pcs	1392 mm	3.3	2x36W	
NSA36-1200E01	220-240V~	SMD2835	56 W	47 W	4600 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	1392 mm	3.4	2x36W	
NSA36-1200E03	220-240V~	SMD2835	56.5 W	47.5 W	4600 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	1392 mm	3.6	2x36W	
NSA36-1200E01S	220-240V~	SMD2835	56.5 W	47.5 W	4600 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	6 pcs	1392 mm	3.5	2x36W
NSA36-1200E03S	220-240V~	SMD2835	57 W	48 W	4600 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	6 pcs	1392 mm	3.7	2x36W
NSA30-1500	220-240V~	SMD2835	47 W	39 W	3900 Lm	—	—	—	—	1595 mm	3.5	1x58W	
NSA30-1500S	220-240V~	SMD2835	48 W	40 W	3900 Lm	—	—	Yes	7 pcs	1692 mm	3.8	1x58W	
NSA30-1500E01	220-240V~	SMD2835	48 W	40 W	3900 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	1692 mm	3.9	1x58W	
NSA30-1500E03	220-240V~	SMD2835	48.5 W	40.5 W	3900 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	1692 mm	4.1	1x58W	
NSA30-1500E01S	220-240V~	SMD2835	48.5 W	40.5 W	3900 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	7 pcs	1692 mm	4	1x58W
NSA30-1500E03S	220-240V~	SMD2835	49 W	41 W	3900 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	7 pcs	1692 mm	4.2	1x58W
NSA60-1500	220-240V~	SMD2835	85 W	73 W	7300 Lm	—	—	—	—	1595 mm	3.6	2x58W	
NSA60-1500S	220-240V~	SMD2835	86 W	74 W	7300 Lm	—	—	Yes	3 pcs	1692 mm	3.9	2x58W	
NSA60-1500E01	220-240V~	SMD2835	86 W	74 W	7300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	—	1692 mm	4	2x58W	
NSA60-1500E03	220-240V~	SMD2835	86.5 W	74.5 W	7300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	—	1692 mm	4.2	2x58W	
NSA60-1500E01S	220-240V~	SMD2835	86.5 W	74.5 W	7300 Lm	300 Lm	1h	Ni-CD AA700mAhHT 7.2V	Yes	3 pcs	1692 mm	4.1	2x58W
NSA60-1500E03S	220-240V~	SMD2835	87 W	75 W	7300 Lm	300 Lm	3h	Ni-CD SC1700mAhHT 7.2V	Yes	3 pcs	1692 mm	4.3	2x58W

\* NSA09-600----80 LM/W  
HNSA09-600----100 LM/W

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



MOUNTING

Surface

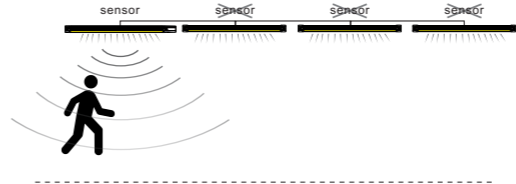


Pendant

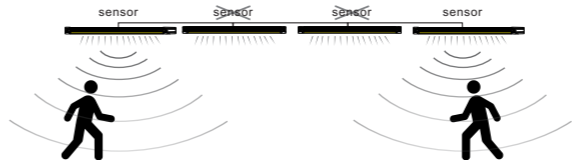


Master/Slave Function

Option A\



Option B\



Hi-low Light Function

Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor

Option 1\

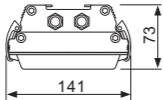
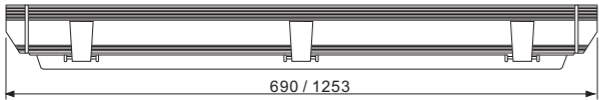


Option 2\



SMART AREA  
AREA LIGHT

SMART AREA  
AREA LIGHT



Accessories



SA-H



SA-SM









1169-14



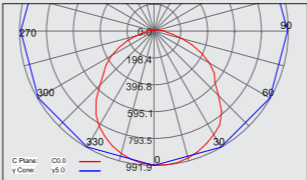
SA-A



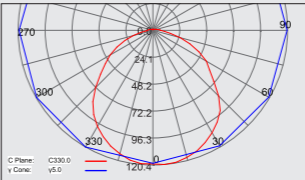
SA-B

Code	V	LED	W	LM		Diffuser		Mode of operation					Max. Slaves		
SA1200-690	220-240V~	SMD5630	15W	1250	Lm	PC/PMMA	690mm	—	—	—	—	—	—	2.76	1x18W
SA1200-690S	220-240V~	SMD5630	16W	1250	Lm	PC/PMMA	690mm	—	—	—	—	Yes	20 pcs	2.82	1x18W
SA1200-690E01	220-240V~	SMD5630	16W	1250	Lm	300 Lm	PC/PMMA	690mm	Maintained	1h	Ni-CD AA800mAh 7.2V	—	—	2.93	1x18W
SA1200-690E03	220-240V~	SMD5630	17W	1250	Lm	300 Lm	PC/PMMA	690mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	—	—	3.07	1x18W
SA1200-690E01S	220-240V~	SMD5630	17W	1250	Lm	300 Lm	PC/PMMA	690mm	Maintained	1h	Ni-CD AA800mAh 7.2V	Yes	18 pcs	2.99	1x18W
SA1200-690E03S	220-240V~	SMD5630	18W	1250	Lm	300 Lm	PC/PMMA	690mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	Yes	18 pcs	3.13	1x18W
SA2400-690	220-240V~	SMD5630	27W	2500	Lm	PC/PMMA	690mm	—	—	—	—	—	—	2.79	2x18W
SA2400-690S	220-240V~	SMD5630	28W	2500	Lm	PC/PMMA	690mm	—	—	—	—	Yes	10 pcs	2.85	2x18W
SA2400-690E01	220-240V~	SMD5630	28W	2500	Lm	300 Lm	PC/PMMA	690mm	Maintained	1h	Ni-CD AA800mAh 7.2V	—	—	2.96	2x18W
SA2400-690E03	220-240V~	SMD5630	29W	2500	Lm	300 Lm	PC/PMMA	690mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	—	—	3.10	2x18W
SA2400-690E01S	220-240V~	SMD5630	29W	2500	Lm	300 Lm	PC/PMMA	690mm	Maintained	1h	Ni-CD AA800mAh 7.2V	Yes	9 pcs	3.02	2x18W
SA2400-690E03S	220-240V~	SMD5630	30W	2500	Lm	300 Lm	PC/PMMA	690mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	Yes	9 pcs	3.16	2x18W
SA2400-1253	220-240V~	SMD5630	27W	2500	Lm	PC/PMMA	1253mm	—	—	—	—	—	—	4.72	1x36W
SA2400-1253S	220-240V~	SMD5630	28W	2500	Lm	PC/PMMA	1253mm	—	—	—	—	Yes	10 pcs	4.78	1x36W
SA2400-1253E01	220-240V~	SMD5630	28W	2500	Lm	300 Lm	PC/PMMA	1253mm	Maintained	1h	Ni-CD AA800mAh 7.2V	—	—	4.90	1x36W
SA2400-1253E03	220-240V~	SMD5630	29W	2500	Lm	300 Lm	PC/PMMA	1253mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	—	—	5.04	1x36W
SA2400-1253E01S	220-240V~	SMD5630	29W	2500	Lm	300 Lm	PC/PMMA	1253mm	Maintained	1h	Ni-CD AA800mAh 7.2V	Yes	9 pcs	4.96	1x36W
SA2400-1253E03S	220-240V~	SMD5630	30W	2500	Lm	300 Lm	PC/PMMA	1253mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	Yes	9 pcs	5.10	1x36W
SA4800-1253	220-240V~	SMD5630	52W	5000	Lm	PC/PMMA	1253mm	—	—	—	—	—	—	4.86	2x36W
SA4800-1253S	220-240V~	SMD5630	53W	5000	Lm	PC/PMMA	1253mm	—	—	—	—	Yes	5 pcs	4.92	2x36W
SA4800-1253E01	220-240V~	SMD5630	53W	5000	Lm	300 Lm	PC/PMMA	1253mm	Maintained	1h	Ni-CD AA800mAh 7.2V	—	—	5.04	2x36W
SA4800-1253E03	220-240V~	SMD5630	54W	5000	Lm	300 Lm	PC/PMMA	1253mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	—	—	5.18	2x36W
SA4800-1253E01S	220-240V~	SMD5630	54W	5000	Lm	300 Lm	PC/PMMA	1253mm	Maintained	1h	Ni-CD AA800mAh 7.2V	Yes	5 pcs	5.10	2x36W
SA4800-1253E03S	220-240V~	SMD5630	55W	5000	Lm	300 Lm	PC/PMMA	1253mm	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	Yes	5 pcs	5.24	2x36W

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



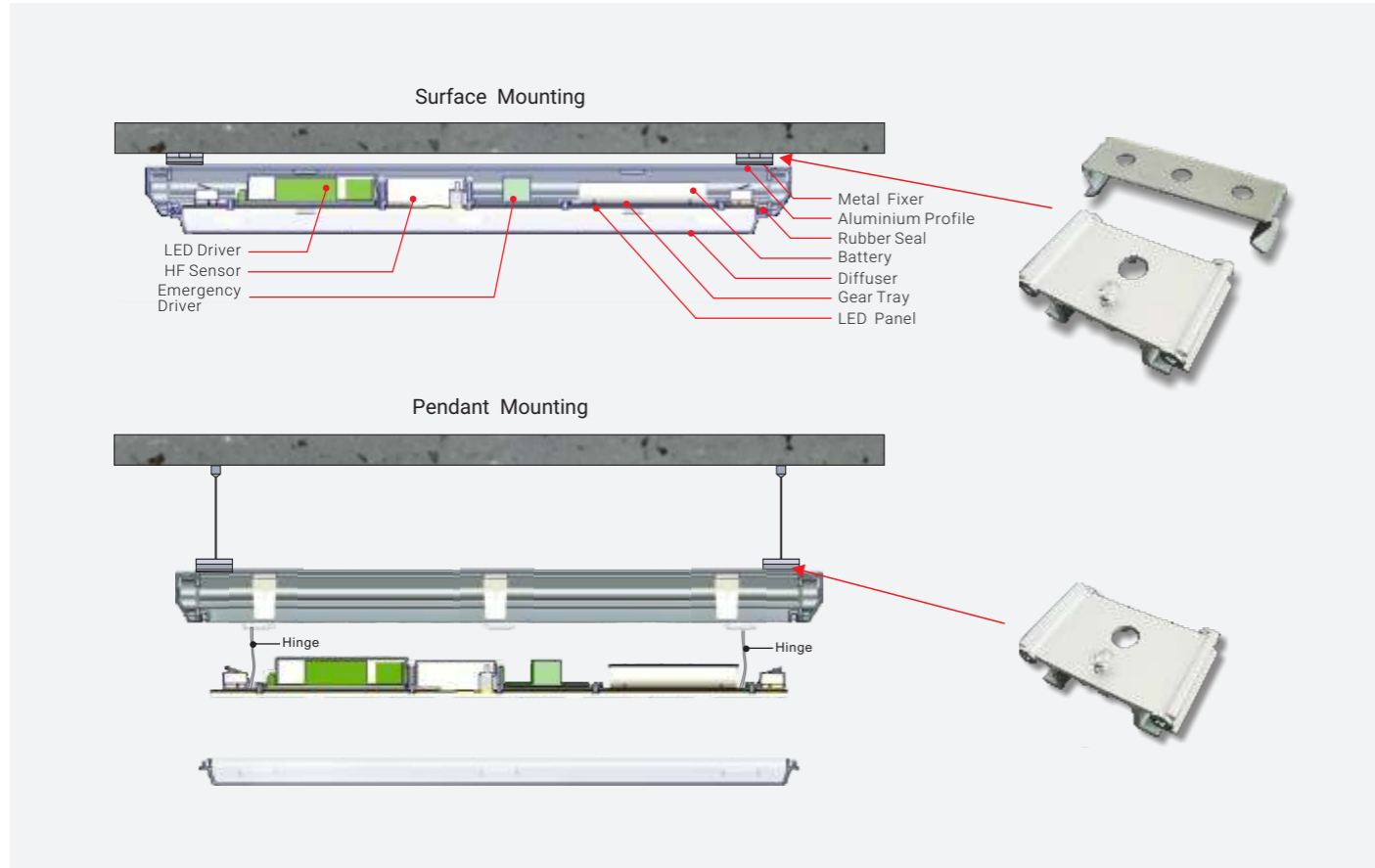
STANDARD



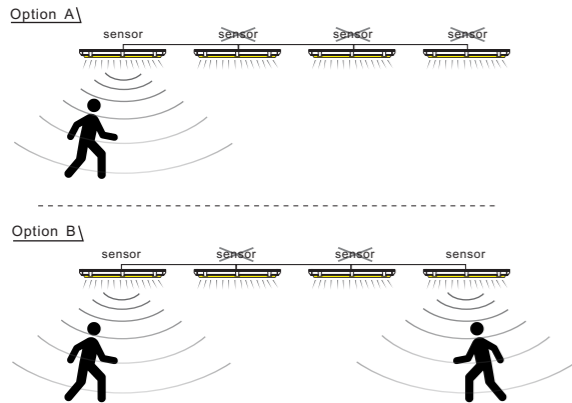
EMERGENCY

SMART AREA  
AREA LIGHT

## Mounting

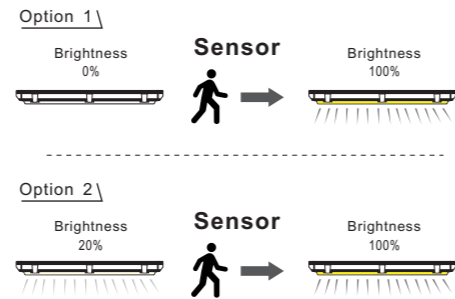


## Master/Slave Function



## Hi-low Light Function

Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor

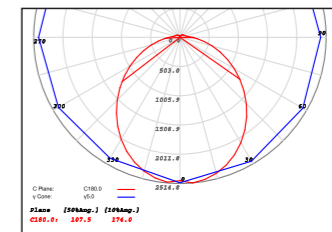
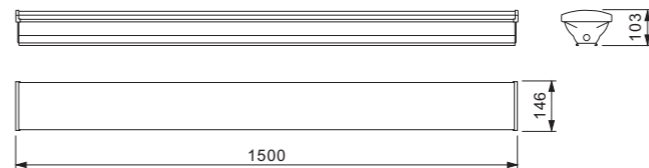


# HALLI-LED

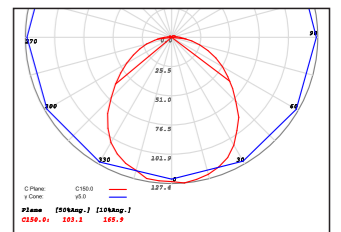
## AREA LIGHT



IP44 IK07 C €



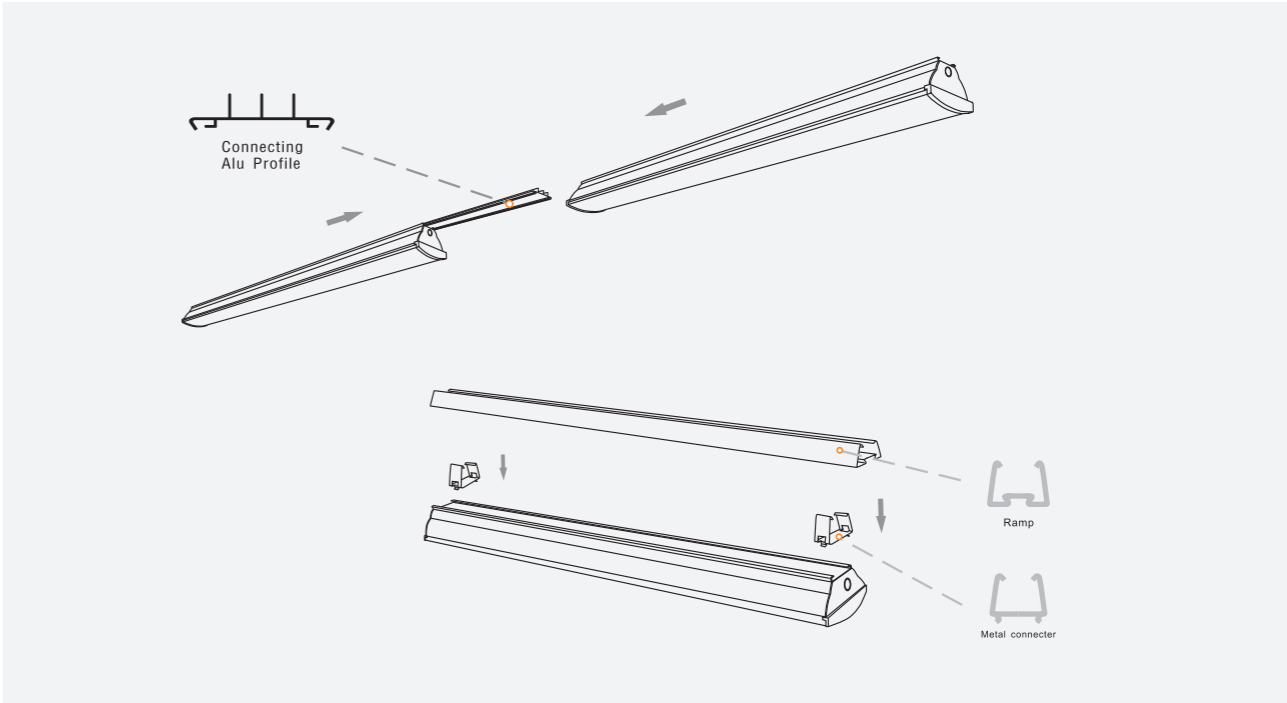
STANDARD



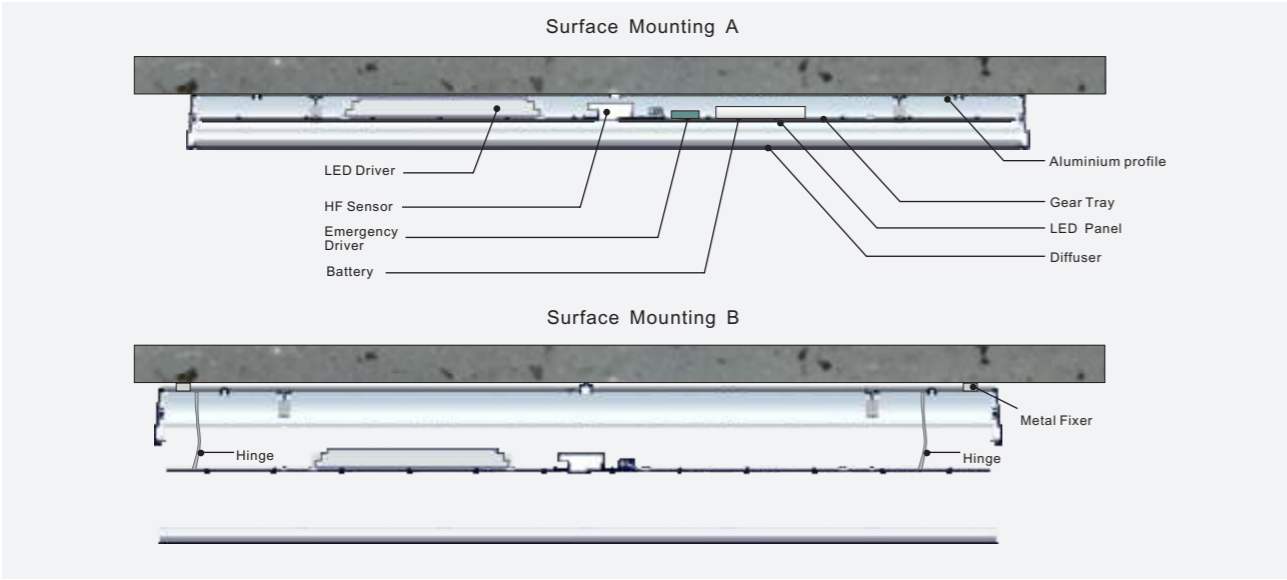
EMERGENCY

Code	V	LED	W	LM	Diffuser	Mode of operation				Max. Slaves			
HL5400	220-240V~	SMD5630	60W	5200 Lm	PMMA	——	——	——	——	——	3.59	2x36 W	
HL5400S	220-240V~	SMD5630	61W	5200 Lm	PMMA	——	——	——	Yes	5 pcs	3.65	2x36 W	
HL5400E01	220-240V~	SMD5630	61W	5200 Lm	330 Lm	PMMA	Maintained	1 h	Ni-CD AA800mAh 7.2V	——	——	3.75	2x36 W
HL5400E03	220-240V~	SMD5630	62W	5200 Lm	330 Lm	PMMA	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	——	——	3.89	2x36 W
HL5400E01S	220-240V~	SMD5630	62W	5200 Lm	330 Lm	PMMA	Maintained	1 h	Ni-CD AA800mAh 7.2V	Yes	5 pcs	3.81	2x36 W
HL5400E03S	220-240V~	SMD5630	63W	5200 Lm	330 Lm	PMMA	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	5 pcs	3.95	2x36 W
HL9000	220-240V~	SMD5630	86W	8200 Lm	PMMA	——	——	——	——	——	3.59	2x49 W	
HL9000S	220-240V~	SMD5630	87W	8200 Lm	PMMA	——	——	——	Yes	3 pcs	3.65	2x49 W	
HL9000E01	220-240V~	SMD5630	87W	8200 Lm	330 Lm	PMMA	Maintained	1 h	Ni-CD AA800mAh 7.2V	——	——	3.75	2x49 W
HL9000E03	220-240V~	SMD5630	88W	8200 Lm	330 Lm	PMMA	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	——	——	3.89	2x49 W
HL9000E01S	220-240V~	SMD5630	88W	8200 Lm	330 Lm	PMMA	Maintained	1 h	Ni-CD AA800mAh 7.2V	Yes	3 pcs	3.81	2x49 W
HL9000E03S	220-240V~	SMD5630	89W	8200 Lm	330 Lm	PMMA	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	3 pcs	3.95	2x49 W

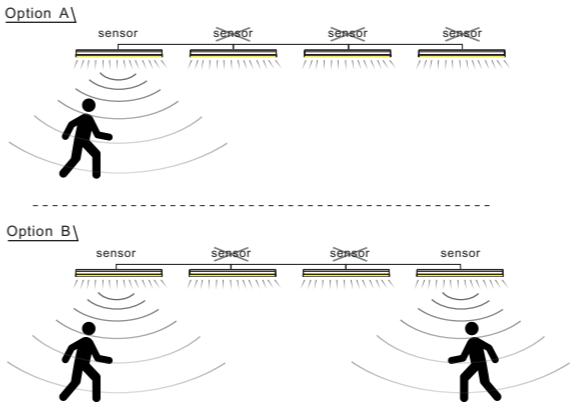
Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



Mounting

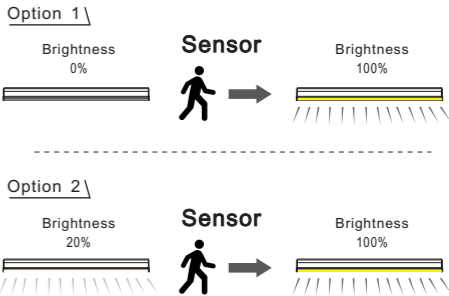


Master/Slave Function



Hi-low Light Function

Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor



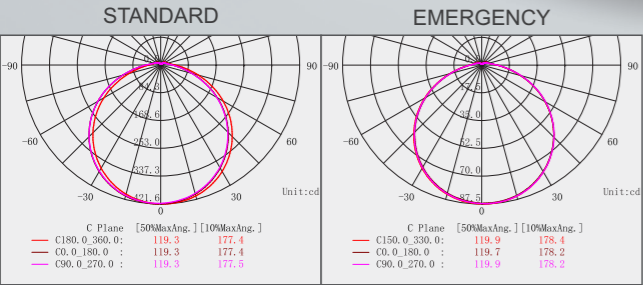


University of Bath UK

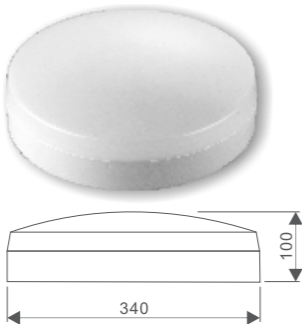


NOVOMAX  
CEILING LAMP

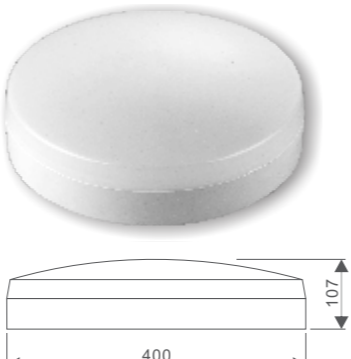
NOVOMAX  
CEILING LAMP



NOVOMAX NINO  
900LM



NOVOMAX MEDIA  
1000LM/1500LM



NOVOMAX GRAND  
1500LM/3000LM

	Code	V	LED	W	LM		Emergency manual testing	Emergency self testing	Mode of operation			
NINO	HNVN-900	220-240V~	SMD2835	9W	900 LM		--	--	--	--	--	0.8 Φ260x85mm
	HNVN-900S	220-240V~	SMD2835	10W	900 LM	Yes	--	--	--	--	--	0.8 Φ260x85mm
NOVOMAX MEDIA	HNVM-1500	220-240V~	SMD2835	14W	1500 LM		--	--	--	--	--	1.4 Φ340x100mm
	HNVM-1500S	220-240V~	SMD2835	15W	1500 LM	Yes	--	--	--	--	--	1.4 Φ340x100mm
	HNVM-1500E01	220-240V~	SMD2835	15W	1500 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V 1.6 Φ340x100mm
	HNVM-1500E03	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 1.8 Φ340x100mm
	HNVM-1500E01-ST	220-240V~	SMD2835	15W	1500 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V 1.6 Φ340x100mm
	HNVM-1500E03-ST	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 1.8 Φ340x100mm
	HNVM-1500E01S	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V 1.7 Φ340x100mm
	HNVM-1500E03S	220-240V~	SMD2835	16W	1500 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 1.8 Φ340x100mm
	HNVM-1500E01S-ST	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V 1.7 Φ340x100mm
	HNVM-1500E03S-ST	220-240V~	SMD2835	16W	1500 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 1.8 Φ340x100mm
NOVOMAX GRAND	HNVG-3000	220-240V~	SMD2835	24W	3000 LM		--	--	--	--	--	2 Φ400x107mm
	HNVG-3000S	220-240V~	SMD2835	25W	3000 LM		Yes	--	--	--	--	2 Φ400x107mm
	HNVG-3000E01	220-240V~	SMD2835	25W	3000 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V 2.2 Φ400x107mm
	HNVG-3000E03	220-240V~	SMD2835	25.5W	3000 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 2.3 Φ400x107mm
	HNVG-3000E01-ST	220-240V~	SMD2835	25W	3000 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V 2.2 Φ400x107mm
	HNVG-3000E03-ST	220-240V~	SMD2835	25.5W	3000 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 2.3 Φ400x107mm
	HNVG-3000E01S	220-240V~	SMD2835	25.5W	3000 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V 2.3 Φ400x107mm
	HNVG-3000E03S	220-240V~	SMD2835	26W	3000 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 2.4 Φ400x107mm
	HNVG-3000E01S-ST	220-240V~	SMD2835	25.5W	3000 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V 2.3 Φ400x107mm
	HNVG-3000E03S-ST	220-240V~	SMD2835	26W	3000 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V 2.4 Φ400x107mm









\* NVM-1000-D ---- DALI version  
NVM-1000-V ---- 0-10V version  
NVM-1000-T ---- TRIAC version  
HNVM-1500-PH ---- Built-in Photocell version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

\* NVM-1000X } NVM-1000(S) ---- Sender included  
NVM-1000E01X } NVM-1000(R) ---- Receiver included  
NVM-1000E03X }  
NVM-1000E01S-ST } RF wireless version  
NVM-1000E03S-ST }



NOVOMAX-AD

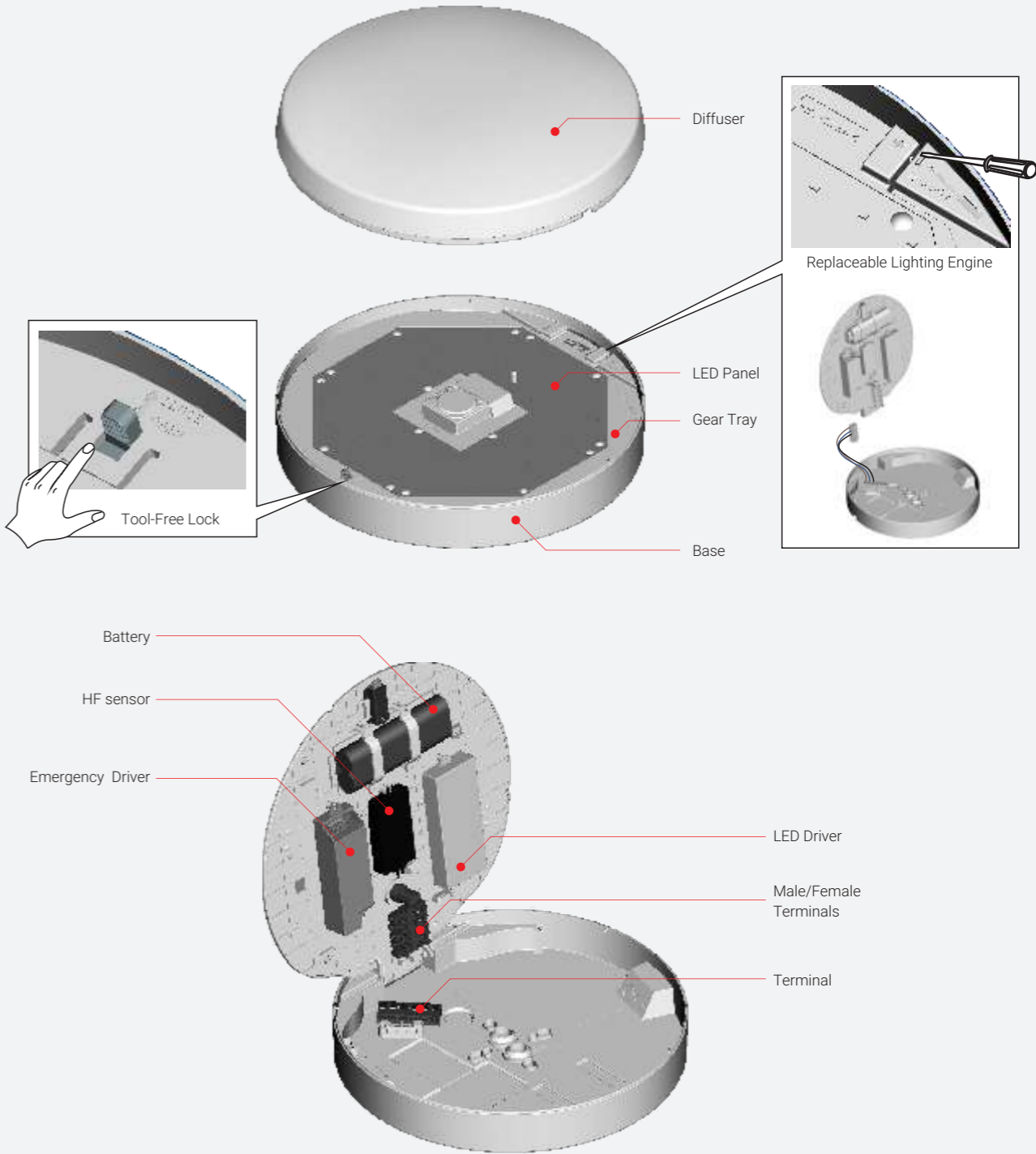
	Code	V	LED	W	LM									
NINO	HNVN-900-AD	220-240V~	SMD2835	9W	900/450 LM	--	--	--	--	--	--	0.8	Φ260x85mm	
	HNVN-900S-AD	220-240V~	SMD2835	10W	900/450 LM	Yes	--	--	--	--	--	0.8	Φ260x85mm	
NOVOMAX MEDIA	HNVM-1500-AD	220-240V~	SMD2835	14W	1500/1000/700 LM	--	--	--	--	--	--	1.4	Φ340x100mm	
	HNVM-1500S-AD	220-240V~	SMD2835	15W	1500/1000/700 LM	Yes	--	--	--	--	--	1.4	Φ340x100mm	
	HNVM-1500E01-AD	220-240V~	SMD2835	15W	1500/1000/700 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.6	Φ340x100mm
	HNVM-1500E03-AD	220-240V~	SMD2835	15.5W	1500/1000/700 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	1.8	Φ340x100mm
	HNVM-1500E01-ST-AD	220-240V~	SMD2835	15W	1500/1000/700 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.6	Φ340x100mm
	HNVM-1500E03-ST-AD	220-240V~	SMD2835	15.5W	1500/1000/700 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	1.8	Φ340x100mm
	HNVM-1500E01S-AD	220-240V~	SMD2835	15.5W	1500/1000/700 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.7	Φ340x100mm
	HNVM-1500E03S-AD	220-240V~	SMD2835	16W	1500/1000/700 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	1.8	Φ340x100mm
	HNVM-1500E01S-ST-AD	220-240V~	SMD2835	15.5W	1500/1000/700 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.7	Φ340x100mm
	HNVM-1500E03S-ST-AD	220-240V~	SMD2835	16W	1500/1000/700 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	1.8	Φ340x100mm
NOVOMAX GRAND	HNVG-3000-AD	220-240V~	SMD2835	24W	3000/2000/1500 LM	--	--	--	--	--	--	2	Φ400x107mm	
	HNVG-3000S-AD	220-240V~	SMD2835	25W	3000/2000/1500 LM	Yes	--	--	--	--	--	2	Φ400x107mm	
	HNVG-3000E01-AD	220-240V~	SMD2835	25W	3000/2000/1500 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.2	Φ400x107mm
	HNVG-3000E03-AD	220-240V~	SMD2835	25.5W	3000/2000/1500 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.3	Φ400x107mm
	HNVG-3000E01-ST-AD	220-240V~	SMD2835	25W	3000/2000/1500 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.2	Φ400x107mm
	HNVG-3000E03-ST-AD	220-240V~	SMD2835	25.5W	3000/2000/1500 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.3	Φ400x107mm
	HNVG-3000E01S-AD	220-240V~	SMD2835	25.5W	3000/2000/1500 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.3	Φ400x107mm
	HNVG-3000E03S-AD	220-240V~	SMD2835	26W	3000/2000/1500 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.4	Φ400x107mm
	HNVG-3000E01S-ST-AD	220-240V~	SMD2835	25.5W	3000/2000/1500 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.3	Φ400x107mm
	HNVG-3000E03S-ST-AD	220-240V~	SMD2835	26W	3000/2000/1500 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.4	Φ400x107mm

Emergency Lumen

Parameter tolerance: ±10%

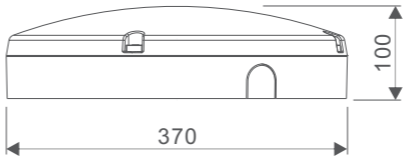
CCT: 4000K

Description



NOVOMAX-P  
CEILING LAMP

NOVOMAX-P  
CEILING LAMP



1 000LM/1 500LM

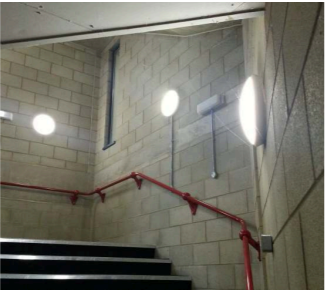
Code	V	LED	W	LM		Emergency manual testing	Emergency self testing	Mode of operation					
HPNVM-1000	220-240V~	SMD2835	10W	1000 LM		--	--	--	--	--		1.6	Φ370x100mm
HPNVM-1000S	220-240V~	SMD2835	11W	1000 LM		Yes	--	--	--	--		1.6	Φ370x100mm
HPNVM-1000E01	220-240V~	SMD2835	11W	1000 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1000E03	220-240V~	SMD2835	11.5W	1000 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01-ST	220-240V~	SMD2835	11W	1000 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1000E03-ST	220-240V~	SMD2835	11.5W	1000 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01S	220-240V~	SMD2835	11.5W	1000 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1000E03S	220-240V~	SMD2835	12W	1000 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01S-ST	220-240V~	SMD2835	11.5W	1000 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1000E03S-ST	220-240V~	SMD2835	12W	1000 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500	220-240V~	SMD2835	14W	1500 LM		--	--	--	--	--		1.6	Φ370x100mm
HPNVM-1500S	220-240V~	SMD2835	15W	1500 LM		Yes	--	--	--	--		1.6	Φ370x100mm
HPNVM-1500E01	220-240V~	SMD2835	15W	1500 LM	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1500E03	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01-ST	220-240V~	SMD2835	15W	1500 LM	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1500E03-ST	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01S	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1500E03S	220-240V~	SMD2835	16W	1500 LM	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01S-ST	220-240V~	SMD2835	15.5W	1500 LM	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1500E03S-ST	220-240V~	SMD2835	16W	1500 LM	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm

\* **PNVM-1000-T** ---- TRIAC version  
**PNVM-1000-V** ---- 0-10V version  
**PNVM-1000-D** ---- DALI version  
**HPNVM-1500-AD** ---- Optional Brightness version  
**HPNVM-1500-PH** ---- Built-in Photocell version

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

APPLICATION

- Houses • Offices • Retail • Schools • Hotels • Hospitals • Damp or wet locations



\* **PNVM-1000** ~~X~~ **PNVM-1000(S)** ----- Sender included  
**PNVM-1000E01** ~~X~~ **PNVM-1000(R)** ----- Receiver included  
**PNVM-1000E03** ~~X~~ •  
**PNVM-1000E01-ST** ~~X~~ •  
**PNVM-1000E03-ST** ~~X~~ •

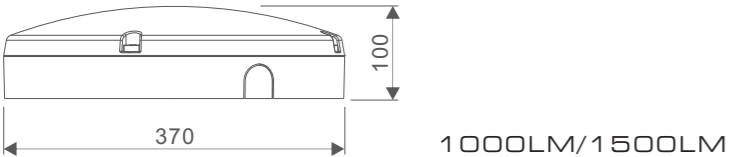
} RF wireless version









NOVOMAX-P  
CEILING LAMP

NOVOMAX-P  
CEILING LAMP



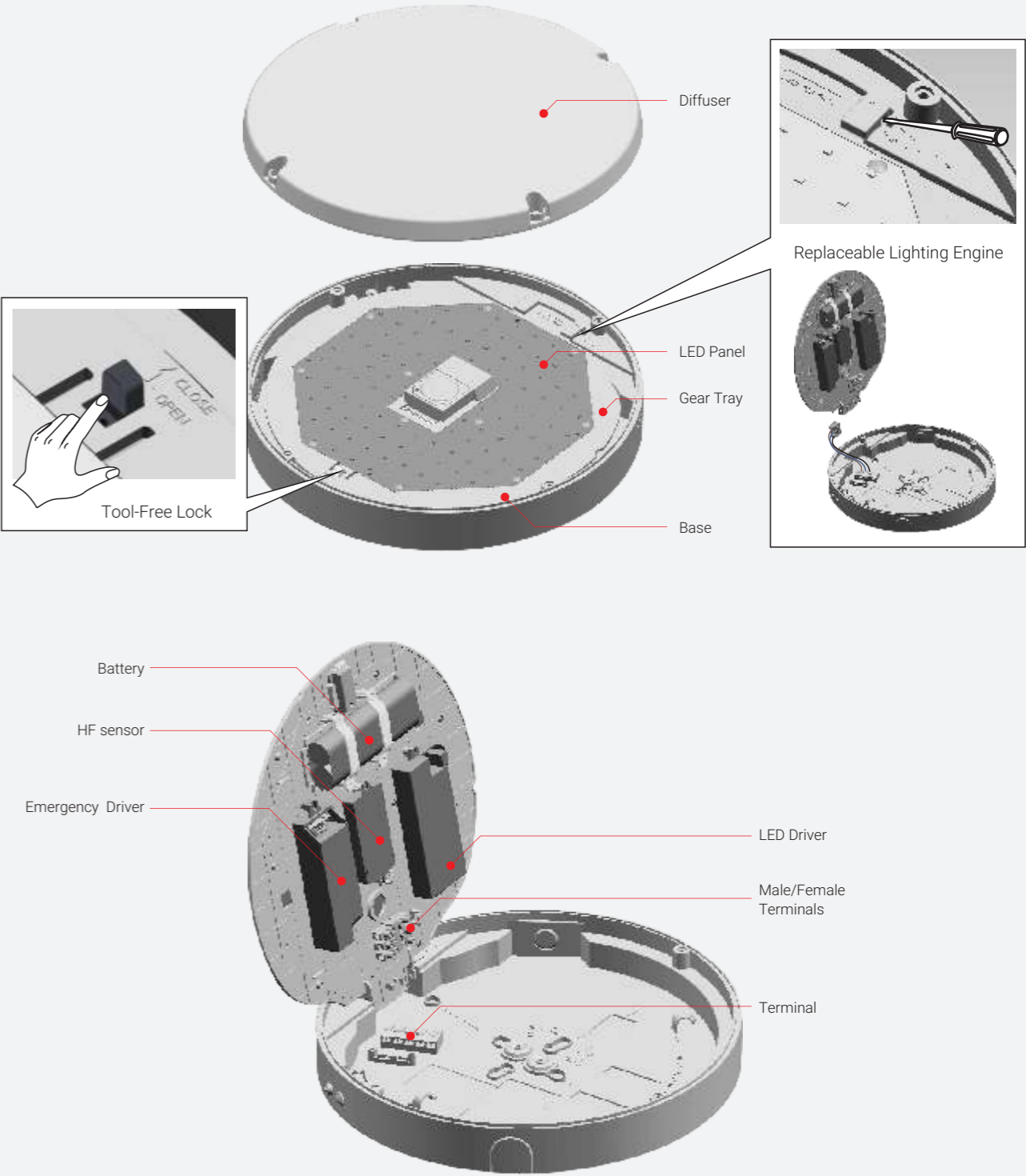
NOVOMAX-P-AD



Code	V	LED	W	LM			 Emergency manual testing	 Emergency self testing	 Mode of operation				
HPNVM-1000-AD	220-240V~	SMD2835	10W	1000/700 Lm		--	--	--	--	--	--	1.6	Φ370x100mm
HPNVM-1000S-AD	220-240V~	SMD2835	11W	1000/700 Lm		Yes	--	--	--	--	--	1.6	Φ370x100mm
HPNVM-1000E01-AD	220-240V~	SMD2835	11W	1000/700 Lm	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1000E03-AD	220-240V~	SMD2835	11.5W	1000/700 Lm	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01-ST-AD	220-240V~	SMD2835	11W	1000/700 Lm	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1000E03-ST-AD	220-240V~	SMD2835	11.5W	1000/700 Lm	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01S-AD	220-240V~	SMD2835	11.5W	1000/700 Lm	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1000E03S-AD	220-240V~	SMD2835	12W	1000/700 Lm	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1000E01S-ST-AD	220-240V~	SMD2835	11.5W	1000/700 Lm	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1000E03S-ST-AD	220-240V~	SMD2835	12W	1000/700 Lm	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500-AD	220-240V~	SMD2835	14W	1500/1000/700 Lm		--	--	--	--	--	--	1.6	Φ370x100mm
HPNVM-1500S-AD	220-240V~	SMD2835	15W	1500/1000/700 Lm		Yes	--	--	--	--	--	1.6	Φ370x100mm
HPNVM-1500E01-AD	220-240V~	SMD2835	15W	1500/1000/700 Lm	300 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1500E03-AD	220-240V~	SMD2835	15.5W	1500/1000/700 Lm	300 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01-ST-AD	220-240V~	SMD2835	15W	1500/1000/700 Lm	300 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.8	Φ370x100mm
HPNVM-1500E03-ST-AD	220-240V~	SMD2835	15.5W	1500/1000/700 Lm	300 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01S-AD	220-240V~	SMD2835	15.5W	1500/1000/700 Lm	300 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1500E03S-AD	220-240V~	SMD2835	16W	1500/1000/700 Lm	300 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm
HPNVM-1500E01S-ST-AD	220-240V~	SMD2835	15.5W	1500/1000/700 Lm	300 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	1.9	Φ370x100mm
HPNVM-1500E03S-ST-AD	220-240V~	SMD2835	16W	1500/1000/700 Lm	300 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	2.0	Φ370x100mm

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

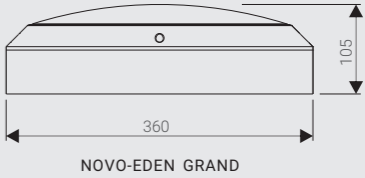
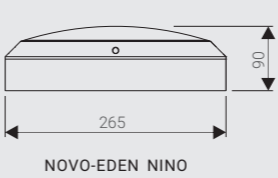
Description



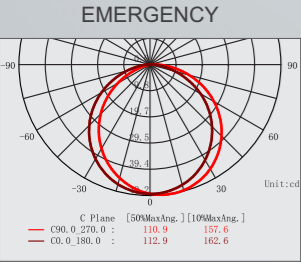
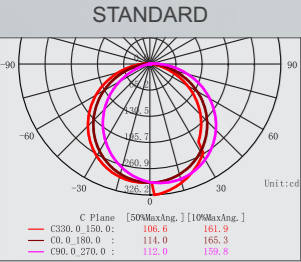
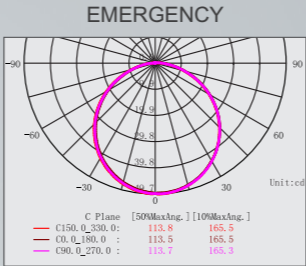
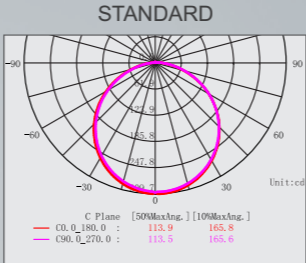
NOVO-EDEN  
NOVO-EDEN-C  
GARDEN LAMP



NOVO-EDEN  
NOVO-EDEN-C  
GARDEN LAMP





IP65 IK10 CE



	Code	V	LED	W	LM		 Emergency manual testing	 Emergency self testing	 Mode of operation			 KG		
NINO	HNEN-900	220-240V ~	SMD2835	9.5W	800 LM	--	--	--	--	--	--	1.3	Φ265x90mm	
	HNEN-900S	220-240V ~	SMD2835	10.5W	800 LM	Yes	--	--	--	--	--	1.4	Φ265x90mm	
	HNEN-1200	220-240V ~	SMD2835	11W	950 LM	--	--	--	--	--	--	1.3	Φ265x90mm	
	HNEN-1200S	220-240V ~	SMD2835	12W	950 LM	Yes	--	--	--	--	--	1.4	Φ265x90mm	
NOVO-EDEN GRAND	HNEG-1500	220-240V ~	SMD2835	14W	1300 LM	--	--	--	--	--	--	2.6	Φ360x105mm	
	HNEG-1500S	220-240V ~	SMD2835	15W	1300 LM	Yes	--	--	--	--	--	2.6	Φ360x105mm	
	HNEG-1500E01	220-240V ~	SMD2835	15W	1300 LM	250 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.8	Φ360x105mm
	HNEG-1500E03	220-240V ~	SMD2835	15.5W	1300 LM	250 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01-ST	220-240V ~	SMD2835	15W	1300 LM	250 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.8	Φ360x105mm
	HNEG-1500E03-ST	220-240V ~	SMD2835	15.5W	1300 LM	250 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01S	220-240V ~	SMD2835	15.5W	1300 LM	250 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.9	Φ360x105mm
	HNEG-1500E03S	220-240V ~	SMD2835	16W	1300 LM	250 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01S-ST	220-240V ~	SMD2835	15.5W	1300 LM	250 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.9	Φ360x105mm
	HNEG-1500E03S-ST	220-240V ~	SMD2835	16W	1300 LM	250 Lm	Yes	--	Yes	Maintainedd	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm

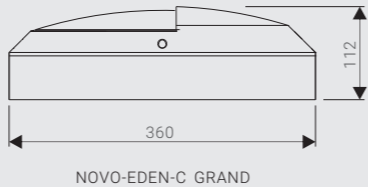
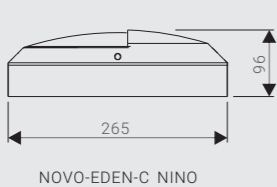


NOVO-EDEN-AD

	Code	V	LED	W	LM		Emergency manual testing	Emergency self testing	Mode of operation					
NINO	HNEN-900-AD	220-240V~	SMD2835	9.5W	800/400 LM	--	--	--	--	--	--	1.3	Φ265x90mm	
	HNEN-900S-AD	220-240V~	SMD2835	10.5W	800/400 LM	Yes	--	--	--	--	--	1.4	Φ265x90mm	
	HNEN-1200-AD	220-240V~	SMD2835	11W	950/475 LM	--	--	--	--	--	--	1.3	Φ265x90mm	
	HNEN-1200S-AD	220-240V~	SMD2835	12W	950/475 LM	Yes	--	--	--	--	--	1.4	Φ265x90mm	
NOVO-EDEN GRAND	HNEG-1500-AD	220-240V~	SMD2835	14W	1300/850/600 LM	--	--	--	--	--	--	2.6	Φ360x105mm	
	HNEG-1500S-AD	220-240V~	SMD2835	15W	1300/850/600 LM	Yes	--	--	--	--	--	2.6	Φ360x105mm	
	HNEG-1500E01-AD	220-240V~	SMD2835	15W	1300/850/600 LM	250 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.8	Φ360x105mm
	HNEG-1500E03-AD	220-240V~	SMD2835	15.5W	1300/850/600 LM	250 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01-ST-AD	220-240V~	SMD2835	15W	1300/850/600 LM	250 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.8	Φ360x105mm
	HNEG-1500E03-ST-AD	220-240V~	SMD2835	15.5W	1300/850/600 LM	250 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01S-AD	220-240V~	SMD2835	15.5W	1300/850/600 LM	250 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.9	Φ360x105mm
	HNEG-1500E03S-AD	220-240V~	SMD2835	16W	1300/850/600 LM	250 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm
	HNEG-1500E01S-ST-AD	220-240V~	SMD2835	15.5W	1300/850/600 LM	250 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	2.9	Φ360x105mm
	HNEG-1500E03S-ST-AD	220-240V~	SMD2835	16W	1300/850/600 LM	250 Lm	Yes	--	Yes	Maintainedd	3h	Ni-CD SC1700mAhHT 7.2V	3	Φ360x105mm

\*HNEG-1500-PH---Built-in Photocell version

NOVO-EDEN  
NOVO-EDEN-C  
GARDEN LAMP








	Code	V	LED	W	LM		 Emergency manual testing	 Emergency self testing	 Mode of operation			 KG	 mm	
NINO	HNEN-C900	220-240V ~	SMD2835	9.5W	650 LM	--	--	--	--	--	--	1.4	Φ265x96mm	
	NHEN-C900S	220-240V ~	SMD2835	10.5W	650 LM	Yes	--	--	--	--	--	1.5	Φ265x96mm	
	HNEN-C1200	220-240V ~	SMD2835	11W	750 LM	--	--	--	--	--	--	1.4	Φ265x96mm	
	HNEN-C1200S	220-240V ~	SMD2835	12W	750 LM	Yes	--	--	--	--	--	1.5	Φ265x96mm	
NOVO-EDEN GRAND	HNEG-C1500	220-240V ~	SMD2835	14W	1000 LM	--	--	--	--	--	--	2.8	Φ360x112mm	
	HNEG-C1500S	220-240V ~	SMD2835	15W	1000 LM	Yes	--	--	--	--	--	2.8	Φ360x112mm	
	HNEG-C1500E01	220-240V ~	SMD2835	15W	1000 LM	180 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3	Φ360x112mm
	HNEG-C1500E03	220-240V ~	SMD2835	15.5W	1000 LM	180 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E01-ST	220-240V ~	SMD2835	15W	1000 LM	180 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3	Φ360x112mm
	HNEG-C1500E03-ST	220-240V ~	SMD2835	15.5W	1000 LM	180 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E01S	220-240V ~	SMD2835	15.5W	1000 LM	180 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E03S	220-240V ~	SMD2835	16W	1000 LM	180 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.2	Φ360x112mm
	HNEG-C1500E01S-ST	220-240V ~	SMD2835	15.5W	1000 LM	180 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E03S-ST	220-240V ~	SMD2835	16W	1000 LM	180 Lm	Yes	--	Yes	Maintainedd	3h	Ni-CD SC1700mAhHT 7.2V	3.2	Φ360x112mm

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



NOVO-EDEN-AD

	Code	V	LED	W	LM		Emergency manual testing	Emergency self testing	Mode of operation					
NINO	HNEN-C900-AD	220-240V~	SMD2835	9.5W	650/325 LM	--	--	--	--	--	--	1.4	Φ265x96mm	
	NHEN-C900S-AD	220-240V~	SMD2835	10.5W	650/325 LM	Yes	--	--	--	--	--	1.5	Φ265x96mm	
	HNEN-C1200-AD	220-240V~	SMD2835	11W	750/375 LM	--	--	--	--	--	--	1.4	Φ265x96mm	
	HNEN-C1200S-AD	220-240V~	SMD2835	12W	750/375 LM	Yes	--	--	--	--	--	1.5	Φ265x96mm	
NOVO-EDEN GRAND	HNEG-C1500-AD	220-240V~	SMD2835	14W	1000/700/500 LM	--	--	--	--	--	--	2.8	Φ360x112mm	
	HNEG-C1500S-AD	220-240V~	SMD2835	15W	1000/700/500 LM	Yes	--	--	--	--	--	2.8	Φ360x112mm	
	HNEG-C1500E01-AD	220-240V~	SMD2835	15W	1000/700/500 LM	180 Lm	--	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3	Φ360x112mm
	HNEG-C1500E03-AD	220-240V~	SMD2835	15.5W	1000/700/500 LM	180 Lm	--	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E01-ST-AD	220-240V~	SMD2835	15W	1000/700/500 LM	180 Lm	--	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3	Φ360x112mm
	HNEG-C1500E03-ST-AD	220-240V~	SMD2835	15.5W	1000/700/500 LM	180 Lm	--	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E01S-AD	220-240V~	SMD2835	15.5W	1000/700/500 LM	180 Lm	Yes	Yes	--	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E03S-AD	220-240V~	SMD2835	16W	1000/700/500 LM	180 Lm	Yes	Yes	--	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.2	Φ360x112mm
	HNEG-C1500E01S-ST-AD	220-240V~	SMD2835	15.5W	1000/700/500 LM	180 Lm	Yes	--	Yes	Maintained	1h	Ni-CD AA700mAhHT 7.2V	3.1	Φ360x112mm
	HNEG-C1500E03S-ST-AD	220-240V~	SMD2835	16W	1000/700/500 LM	180 Lm	Yes	--	Yes	Maintained	3h	Ni-CD SC1700mAhHT 7.2V	3.2	Φ360x112mm

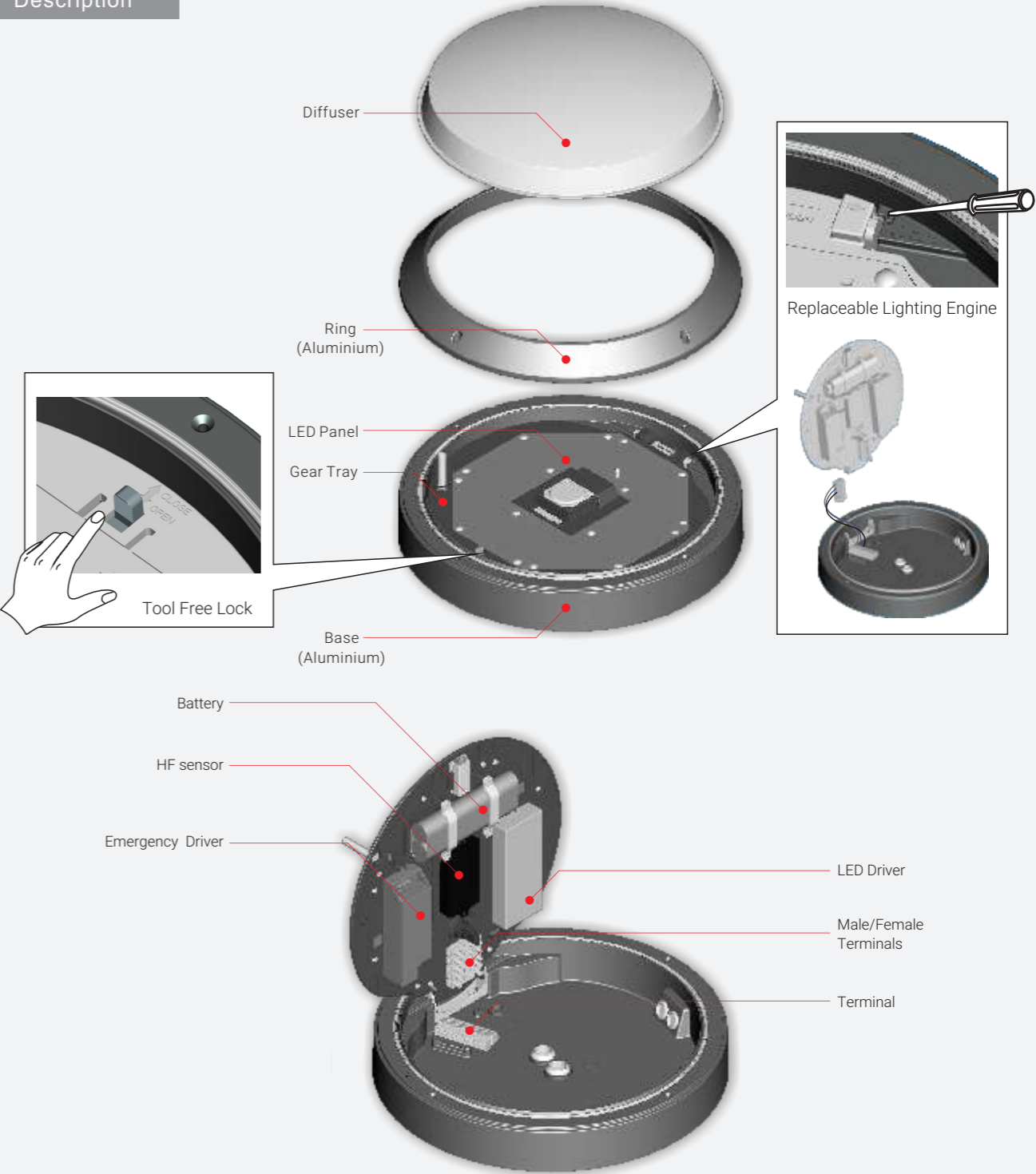
Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

NOVO-EDEN  
NOVO-EDEN-C  
GARDEN LAMP

\* ~~NEG-1000-D~~ ---- DALI version  
~~NEG-1000-V~~ ---- 0-10V version  
~~NEG-1000-T~~ ---- TRIAC version  
~~HNEG-1500-AD~~ ---- Optional Brightness version  
~~HNEG-1500-PH~~ ---- Built-in Photocell version

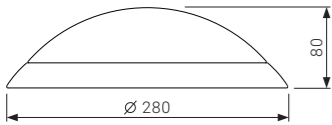
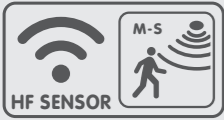
\* ~~NEG-1000S~~ ---- Sender included  
~~NEG-1000E01S~~ ---- Receiver included  
~~NEG-1000E03S~~ ----  
~~NEG-1000E01S-ST~~ ----  
~~NEG-1000E03S-ST~~ ----  
NEG-1000(S)  
NEG-1000(R)  
•  
•  
•  
•  
} RF wireless version

Description



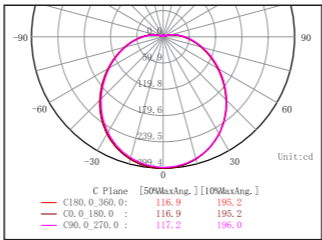
ECODISC  
CEILING LAMP

ECODISC  
CEILING LAMP

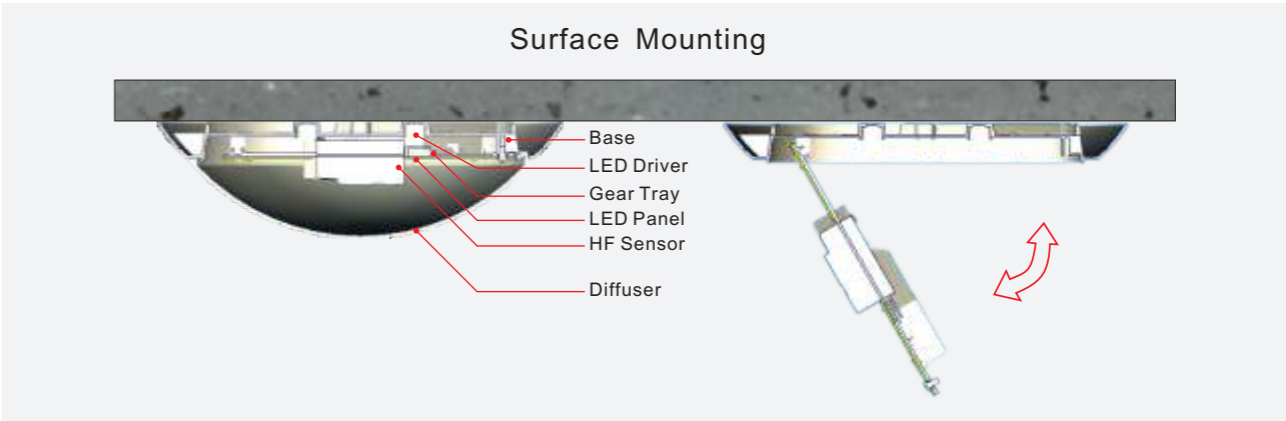


Code	V	LED	W	LM		Max. Slaves	
EDL10	220-240V~	SMD2835	10W	1100 Lm			0.61
EDL10S	220-240V~	SMD2835	11W	1100 Lm	Yes	30 pcs	0.67

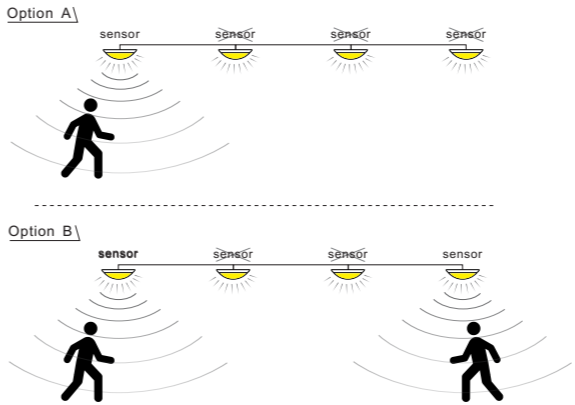
Parameter tolerance: ±10%  
CCT: 4000K



Mounting

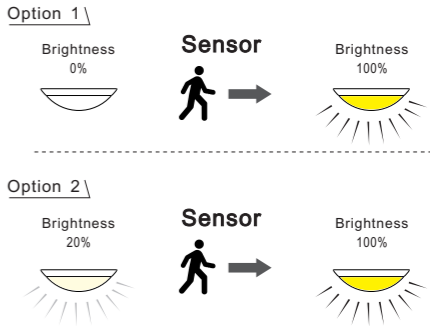


Master/Slave Function

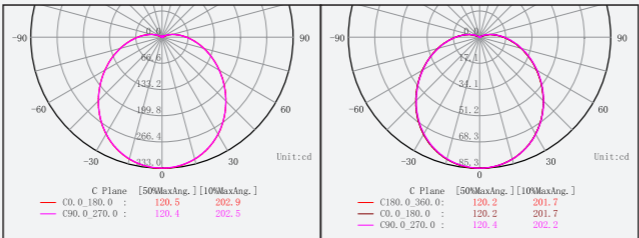
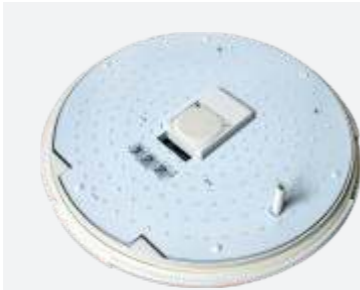
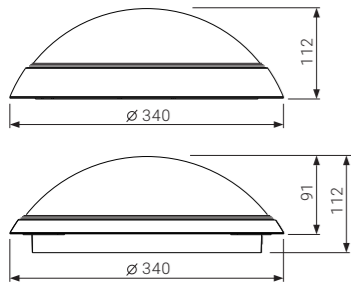
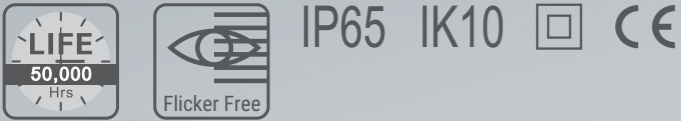


Hi-low Light Function

Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor































TRANSDISC  
CEILING LAMP



STANDARD                      EMERGENCY

TRANSDISC  
CEILING LAMP

Code	V	LED	W	LM		Mode of operation				Cover-Ring	Max. Slaves	 KG
TDL13	220-240V~	SMD2835	12W	1250	Lm					TDL-PH		1.32
TDL13S	220-240V~	SMD2835	13W	1250	Lm				Yes	TDL-PH	25 pcs	1.38
TDL13E01M	220-240V~	SMD2835	13W	1250	Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V		TDL-PH		1.49
TDL13E03M	220-240V~	SMD2835	14W	1250	Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V		TDL-PH		1.63
TDL13E01MS	220-240V~	SMD2835	14W	1250	Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	TDL-PH	20 pcs	1.55
TDL13E03MS	220-240V~	SMD2835	15W	1250	Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	TDL-PH	20 pcs	1.69
TDL20	220-240V~	SMD2835	16.5W	1800	Lm					TDL-PH		1.42
TDL20S	220-240V~	SMD2835	17.5W	1800	Lm				Yes	TDL-PH	15 pcs	1.48
TDL20E01M	220-240V~	SMD2835	17.5W	1800	Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V		TDL-PH		1.59
TDL20E03M	220-240V~	SMD2835	18.5W	1800	Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V		TDL-PH		1.73
TDL20E01MS	220-240V~	SMD2835	18.5W	1800	Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	TDL-PH	14 pcs	1.65
TDL20E03MS	220-240V~	SMD2835	19.5W	1800	Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	TDL-PH	14 pcs	1.79

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

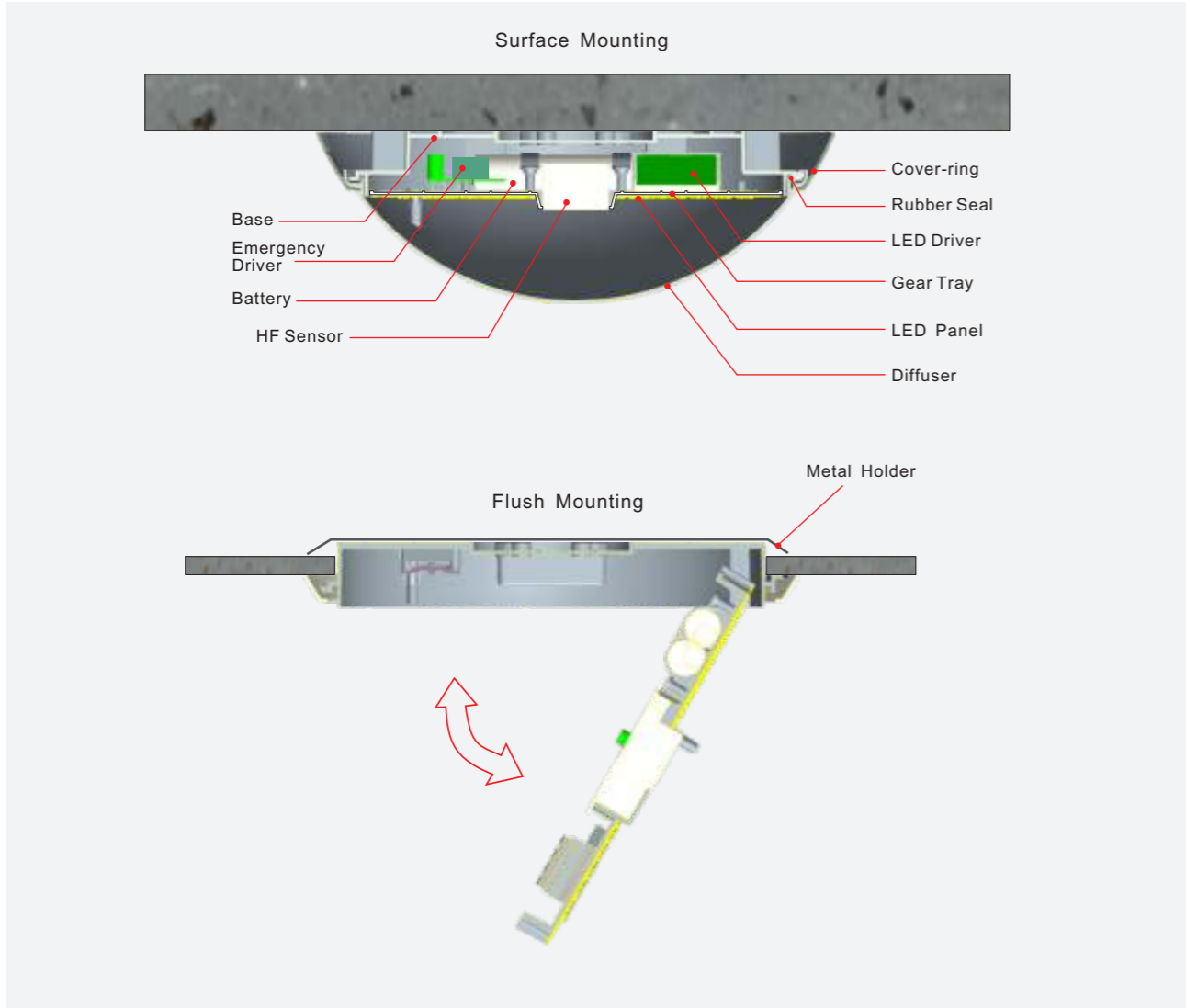


Optional Cover-ring

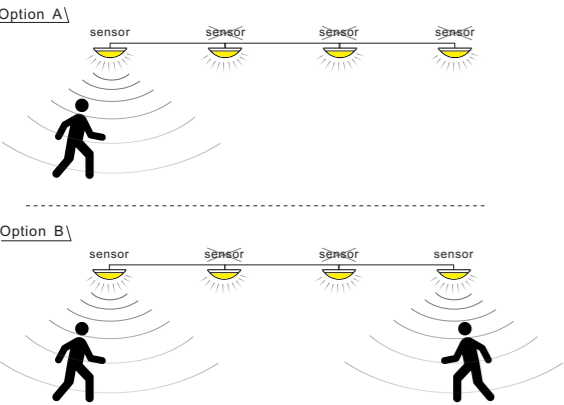
Code	Cover-Ring	Size
TDL-PH	Plastic	High (for surface mounting)
TDL-PL	Plastic	Low (for flush mounting)

TRANSDISC  
CEILING LAMP

Mounting

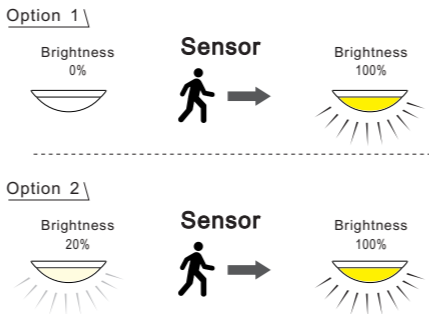


Master/Slave Function

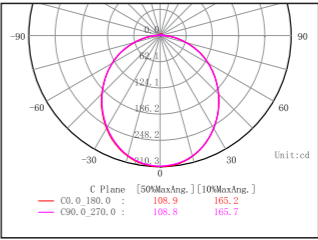
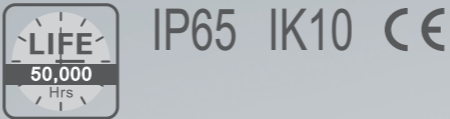


Hi-low Light Function

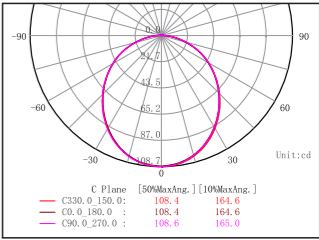
Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor



DECODISC  
CEILING LAMP







STANDARD



EMERGENCY

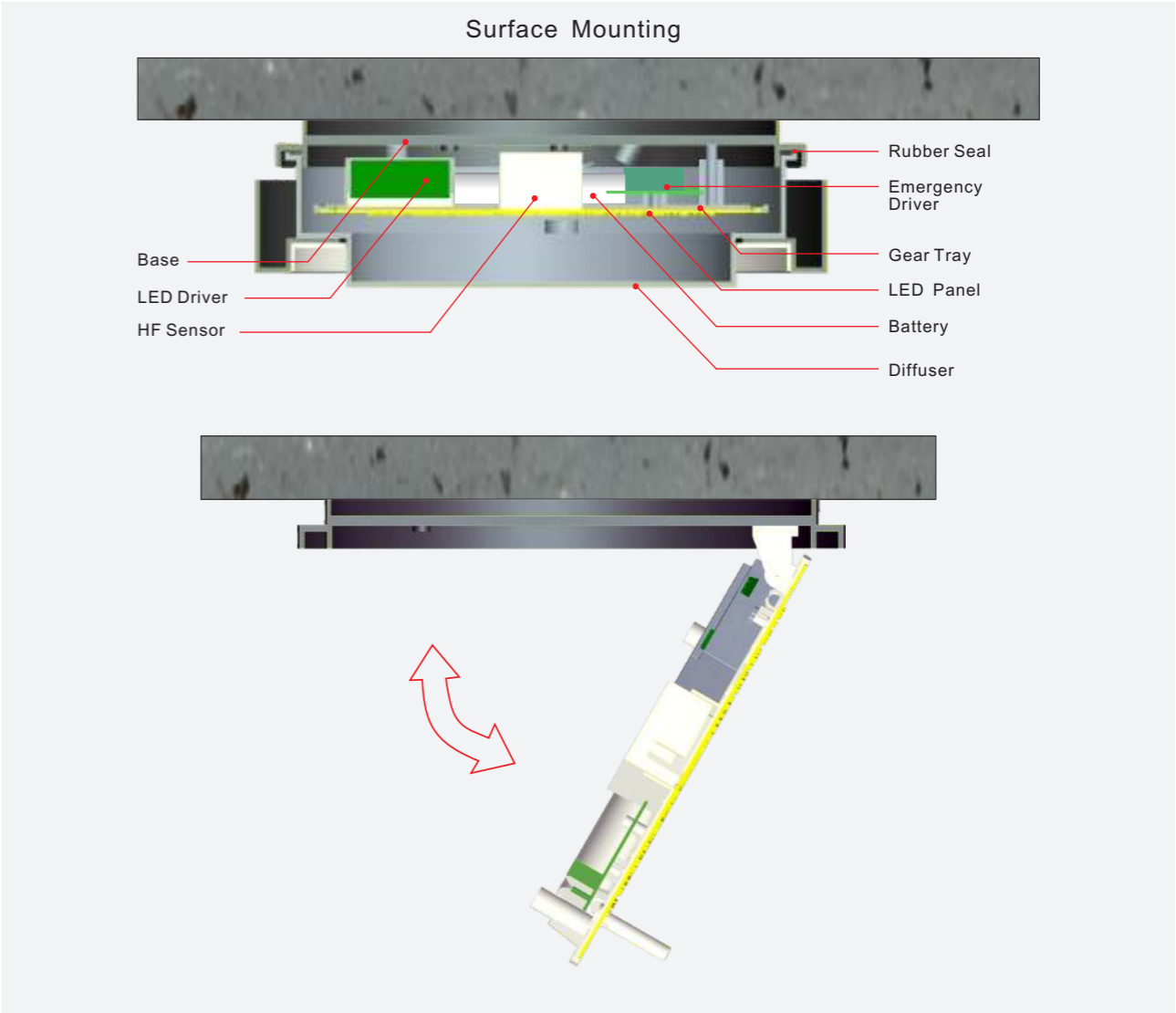
DECODISC  
CEILING LAMP

DECODISC  
CEILING LAMP

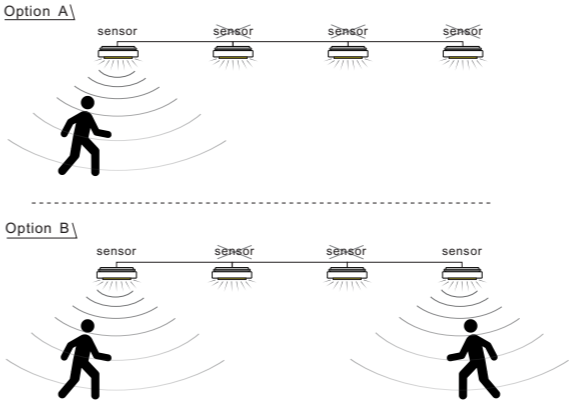
Code	V	LED	W	LM		Mode of operation				Max. Slaves	
DDL10	220-240V ~	SMD2835	10W	900 Lm							1.87
DDL10S	220-240V ~	SMD2835	11W	900 Lm					Yes	30 pcs	1.93
DDL10E01M	220-240V ~	SMD2835	11W	900 Lm	240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V			2.04
DDL10E03M	220-240V ~	SMD2835	12W	900 Lm	240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V			2.18
DDL10E01MS	220-240V ~	SMD2835	12W	900 Lm	240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	25 pcs	2.10
DDL10E03MS	220-240V ~	SMD2835	13W	900 Lm	240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	25 pcs	2.24
DDL20	220-240V ~	SMD2835	20W	1750 Lm							1.97
DDL20S	220-240V ~	SMD2835	21W	1750 Lm					Yes	15 pcs	2.03
DDL20E01M	220-240V ~	SMD2835	21W	1750 Lm	240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V			2.14
DDL20E03M	220-240V ~	SMD2835	22W	1750 Lm	240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V			2.28
DDL20E01MS	220-240V ~	SMD2835	22W	1750 Lm	240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	14 pcs	2.20
DDL20E03MS	220-240V ~	SMD2835	23W	1750 Lm	240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	14 pcs	2.34

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

Mounting

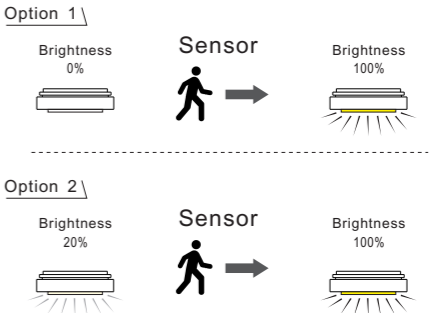


Master/Slave Function



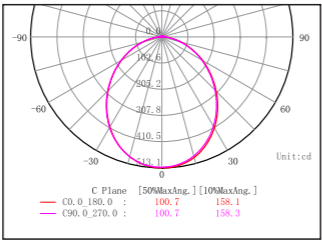
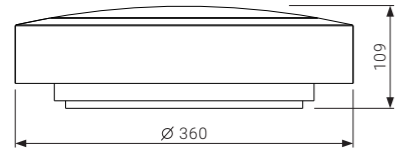
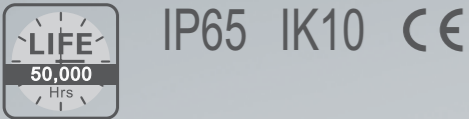
Hi-low Light Function

Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor

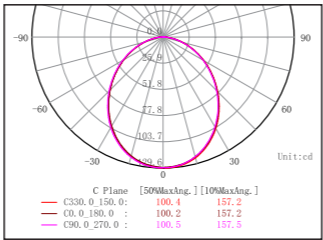


ROCKDISC  
CEILING LAMP

ROCKDISC  
CEILING LAMP



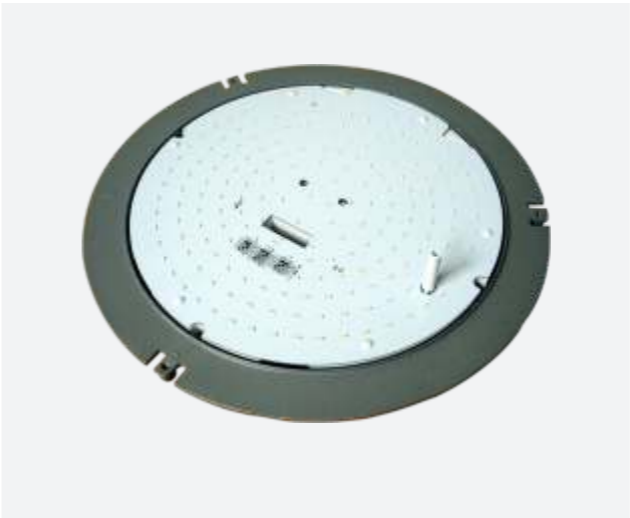
STANDARD



EMERGENCY

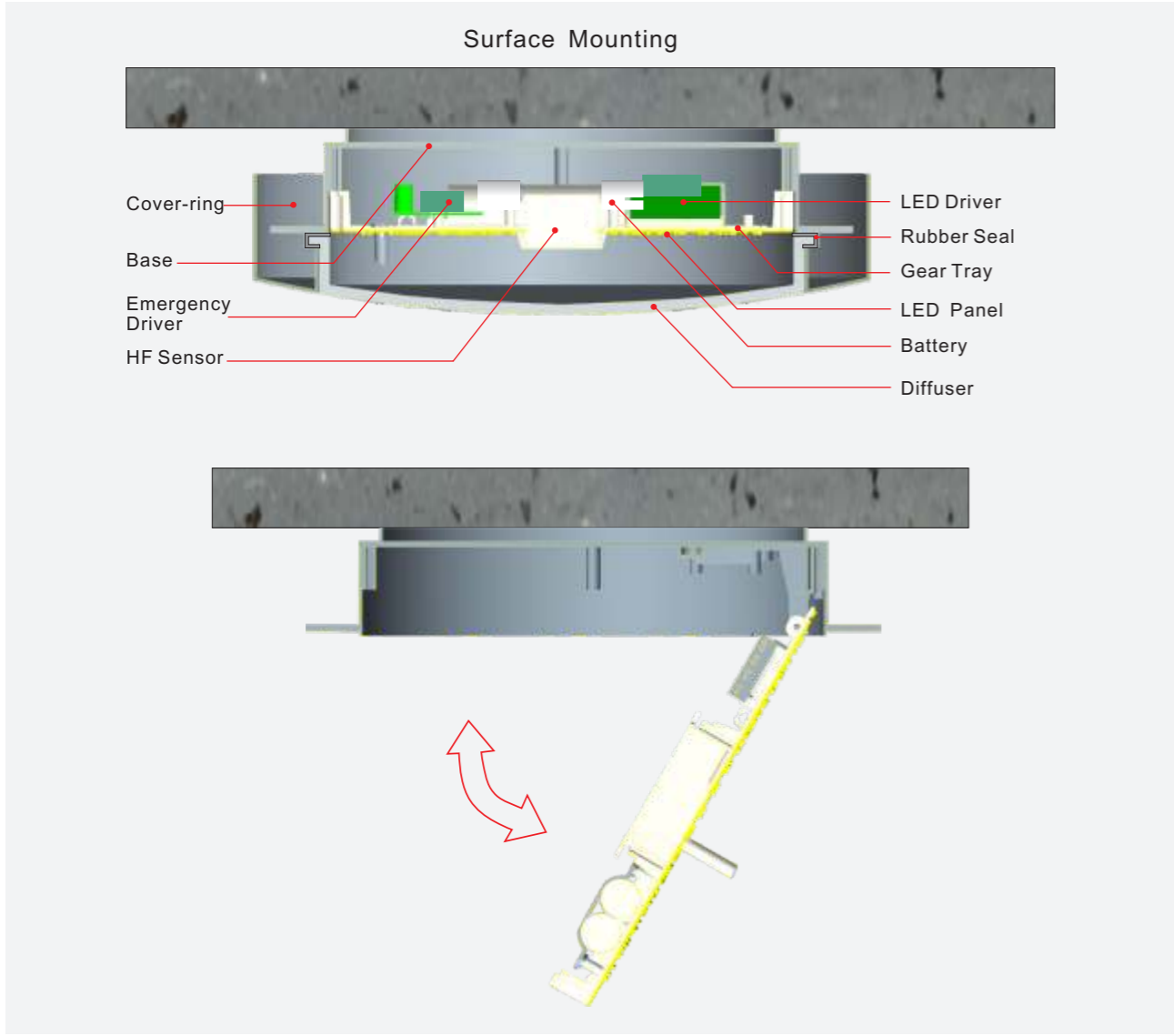
Code	V	LED	W	LM	Mode of operation				Max. Slaves	
RDL15	220-240V~	SMD2835	15W	1350 Lm	—	—	—	—	—	2.73
RDL15S	220-240V~	SMD2835	16W	1350 Lm	—	—	—	Yes	20 pcs	2.79
RDL15E01M	220-240V~	SMD2835	16W	1350 Lm 240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	—	—	2.89
RDL15E03M	220-240V~	SMD2835	17W	1350 Lm 240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	—	—	3.04
RDL15E01MS	220-240V~	SMD2835	17W	1350 Lm 240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	19 pcs	2.95
RDL15E03MS	220-240V~	SMD2835	18W	1350 Lm 240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	19 pcs	3.10
RDL20	220-240V~	SMD2835	20W	1700 Lm	—	—	—	—	—	2.83
RDL20S	220-240V~	SMD2835	21W	1700 Lm	—	—	—	Yes	15 pcs	2.89
RDL20E01M	220-240V~	SMD2835	21W	1700 Lm 240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	—	—	2.99
RDL20E03M	220-240V~	SMD2835	22W	1700 Lm 240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	—	—	3.14
RDL20E01MS	220-240V~	SMD2835	22W	1700 Lm 240 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	14 pcs	3.05
RDL20E03MS	220-240V~	SMD2835	23W	1700 Lm 240 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	14 pcs	3.20

Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

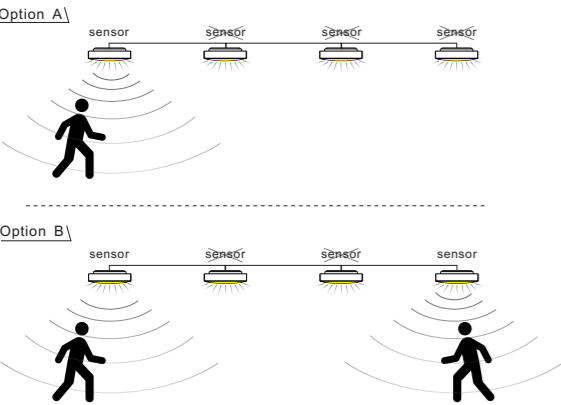


ROCKDISC  
CEILING LAMP

Mounting

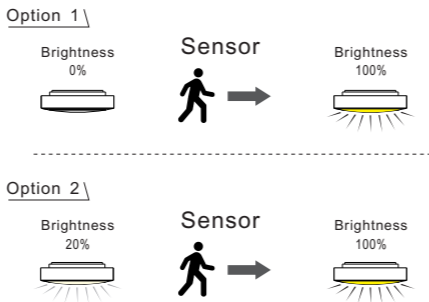


Master/Slave Function

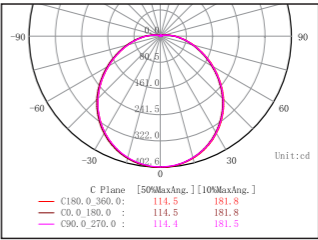
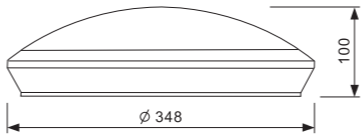
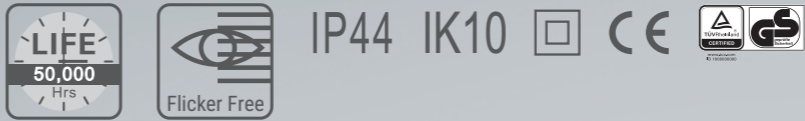


Hi-low Light Function

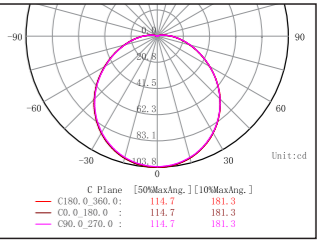
Option 1: Normal sensor light  
Option 2: Hi-low light operated by sensor



NOVODISC  
CEILING LAMP



STANDARD

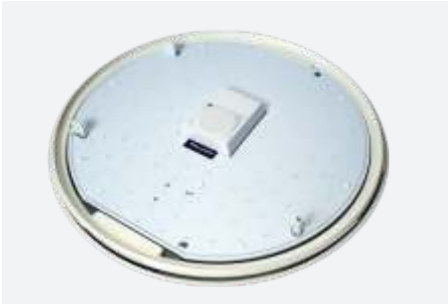


EMERGENCY

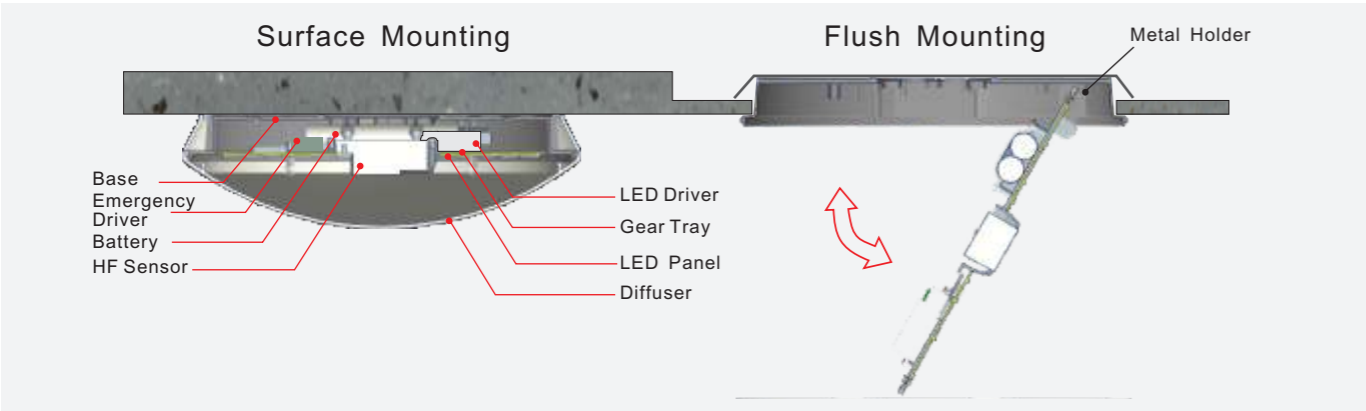
NOVODISC  
CEILING LAMP

Code	V	LED	W	LM	Mode of operation				Max. Slaves	
CDL13	220-240V~	SMD2835	12W	1300 Lm	—	—	—	—	—	1.34
CDL13S	220-240V~	SMD2835	13W	1300 Lm	—	—	—	Yes	20 pcs	1.41
CDL13E01M	220-240V~	SMD2835	13W	1300 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	—	—	1.52
CDL13E03M	220-240V~	SMD2835	14W	1300 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	—	—	1.69
CDL13E01MS	220-240V~	SMD2835	14W	1300 Lm	Maintained	1 h	Ni-CD AA800mAhHT 7.2V	Yes	19 pcs	1.59
CDL13E03MS	220-240V~	SMD2835	15W	1300 Lm	Maintained	3 h	Ni-CD SC1700mAhHT 7.2V	Yes	19 pcs	1.76

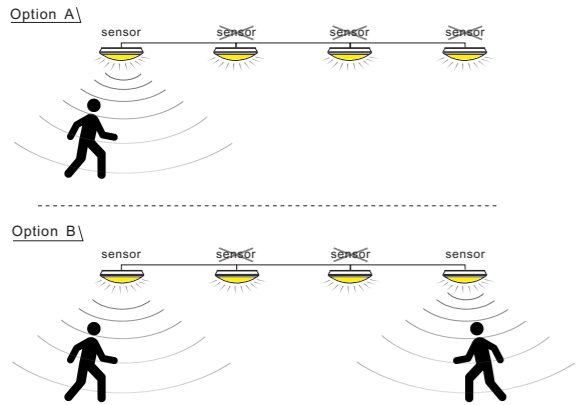
Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K



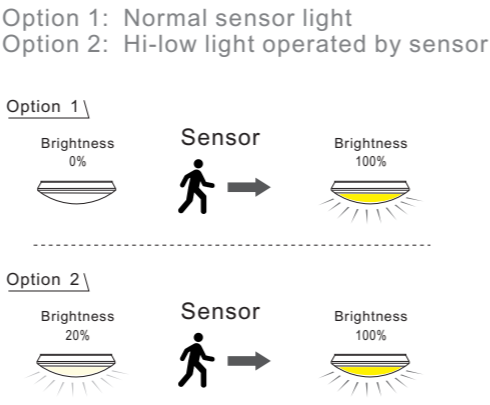
Mounting



Master/Slave Function

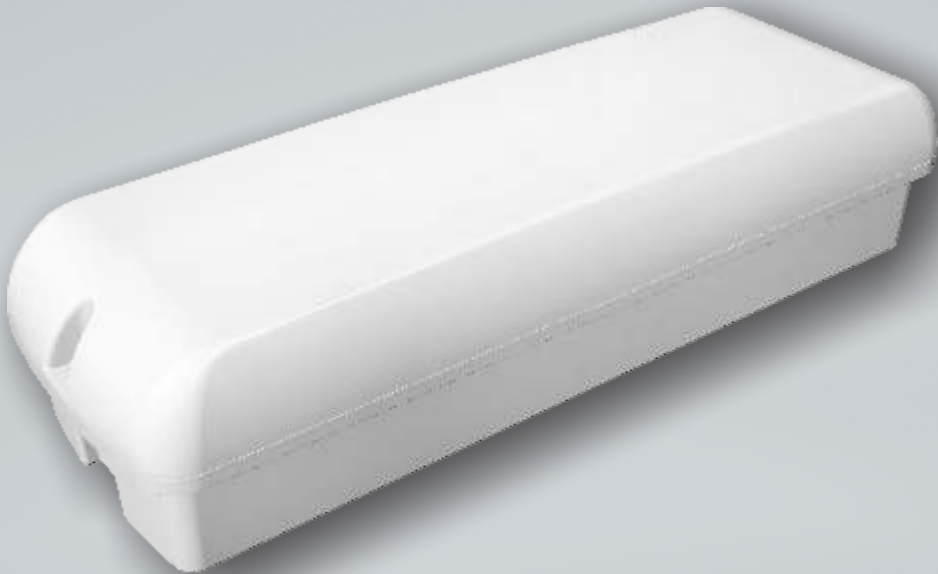


Hi-low Light Function



SMART BRICK  
WALL LAMP

SMART BRICK  
WALL LAMP

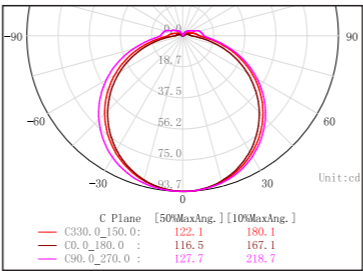
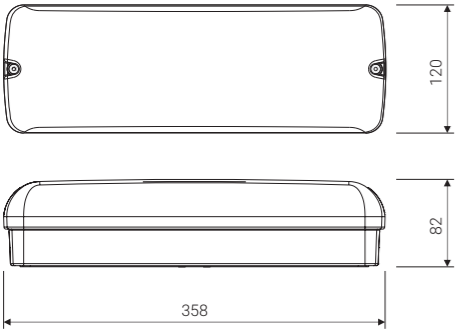
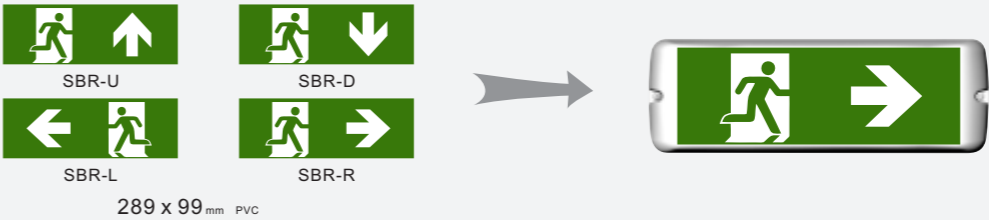


Code	V	LED	W	LM			Emergency manual testing	Emergency self testing	Mode of operation			
SBR-500	220-240V~	SMD2835	5.7W	600 LM / 300 LM		--	--	--	--	--	--	0.51
SBR-500S	220-240V~	SMD2835	6.8W	600 LM / 300 LM		Yes	--	--	--	--	--	0.58
SBR-500E01	220-240V~	SMD2835	7.3W	600 LM / 300 LM	200 Lm	--	Yes	--	Maintained	1h	Ni-CD 2/3AA450mAhHT 7.2V	0.71
SBR-500E03	220-240V~	SMD2835	7.3W	600 LM / 300 LM	200 Lm	--	Yes	--	Maintained	3h	Ni-CD AA900mAhHT 7.2V	0.85
SBR-500E01-ST	220-240V~	SMD2835	7.3W	600 LM / 300 LM	200 Lm	--	--	Yes	Maintained	1h	Ni-CD 2/3AA450mAhHT 7.2V	0.71
SBR-500E03-ST	220-240V~	SMD2835	7.3W	600 LM / 300 LM	200 Lm	--	--	Yes	Maintained	3h	Ni-CD AA900mAhHT 7.2V	0.85
SBR-500E01S	220-240V~	SMD2835	8.5W	600 LM / 300 LM	200 Lm	Yes	Yes	--	Maintained	1h	Ni-CD 2/3AA450mAhHT 7.2V	0.78
SBR-500E03S	220-240V~	SMD2835	8.5W	600 LM / 300 LM	200 Lm	Yes	Yes	--	Maintained	3h	Ni-CD AA900mAhHT 7.2V	0.92
SBR-500E01S-ST	220-240V~	SMD2835	8.5W	600 LM / 300 LM	200 Lm	Yes	--	Yes	Maintained	1h	Ni-CD 2/3AA450mAhHT 7.2V	0.78
SBR-500E03S-ST	220-240V~	SMD2835	8.5W	600 LM / 300 LM	200 Lm	Yes	--	Yes	Maintained	3h	Ni-CD AA900mAhHT 7.2V	0.92

\*SBR-500-PH----Built-in Photocell version

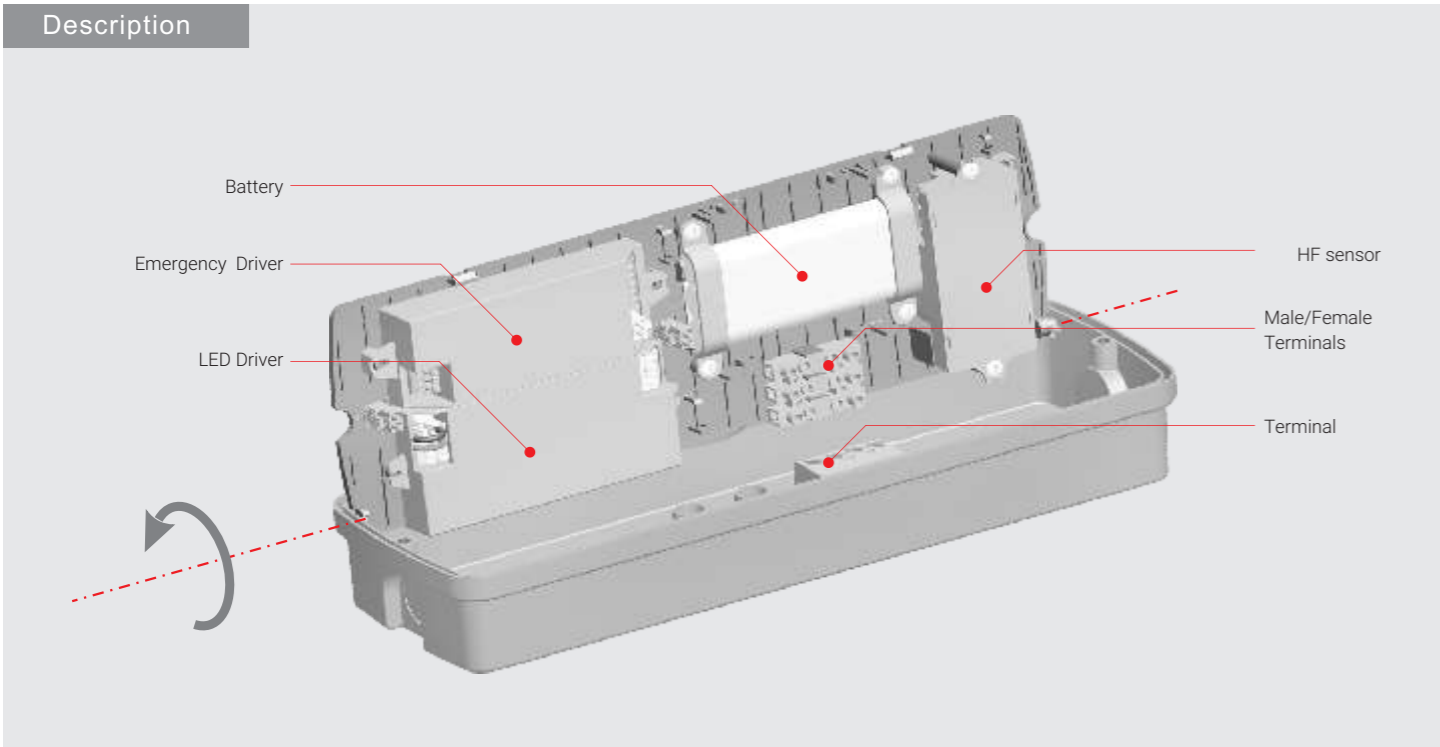
Emergency Lumen  
Parameter tolerance: ±10%  
CCT: 4000K

Accessories

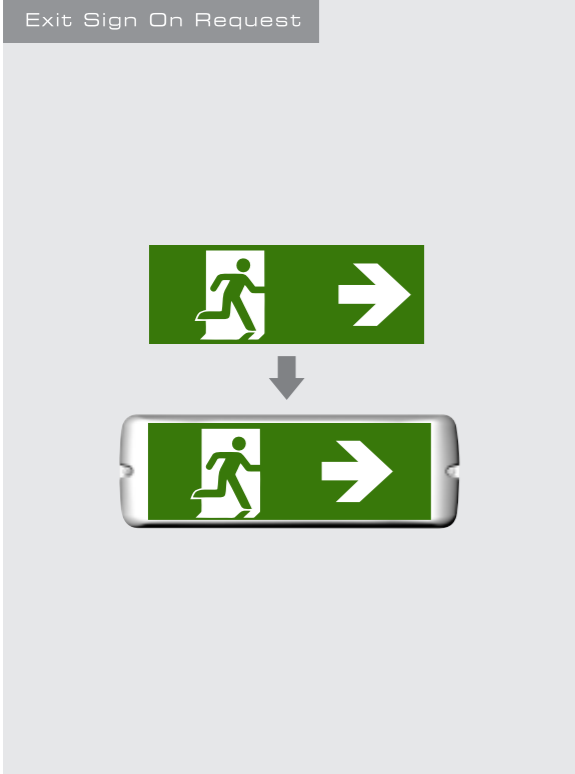


SMART BRICK  
WALL LAMP

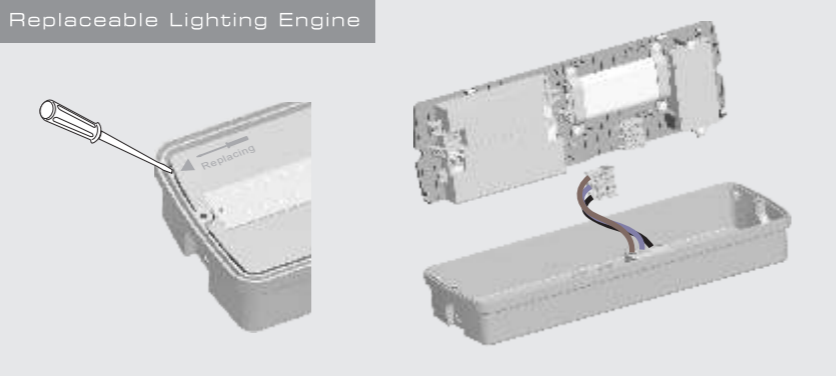
Description



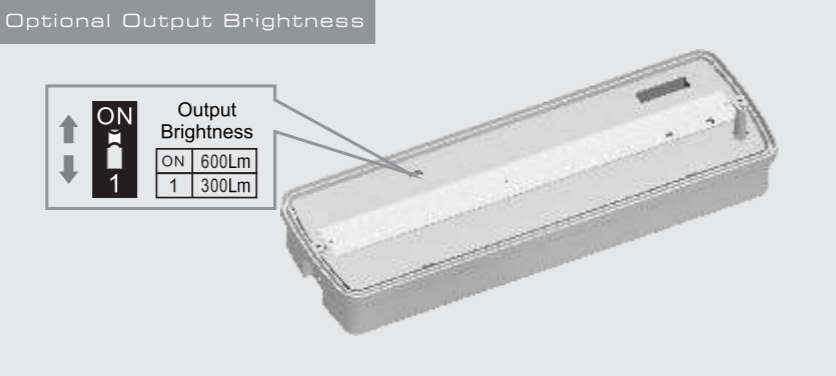
Exit Sign On Request



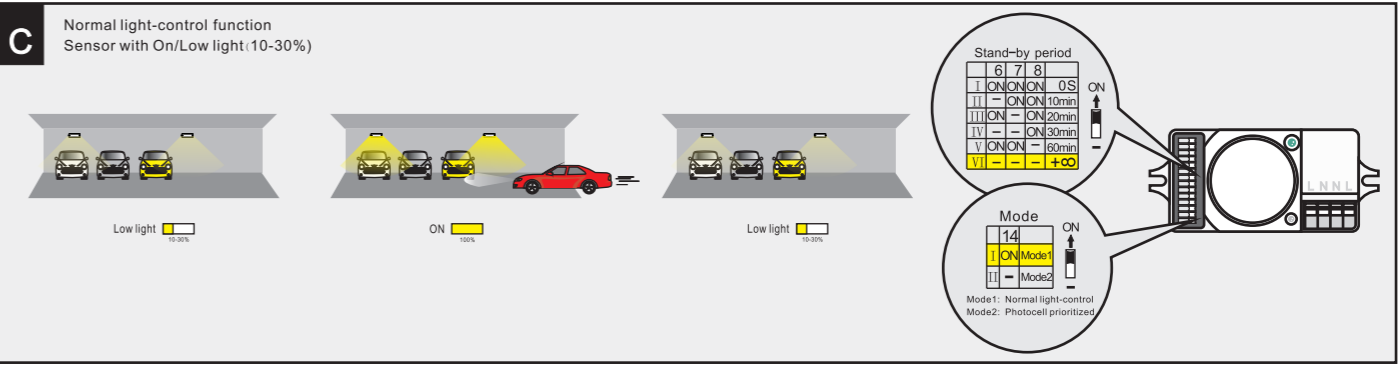
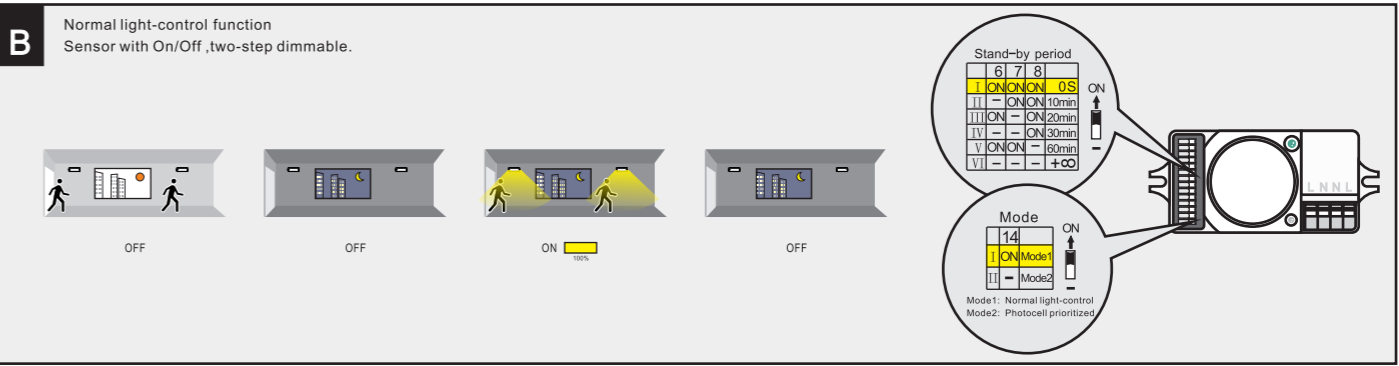
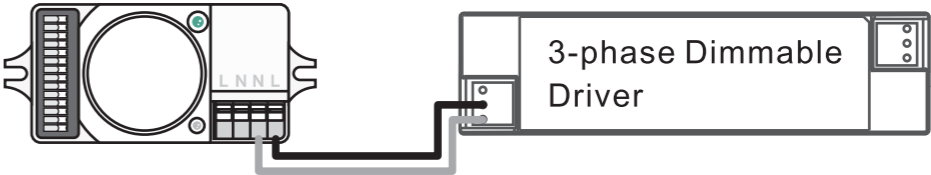
Replaceable Lighting Engine



Optional Output Brightness

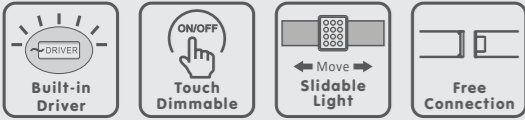


Integrated smart HF Sensor



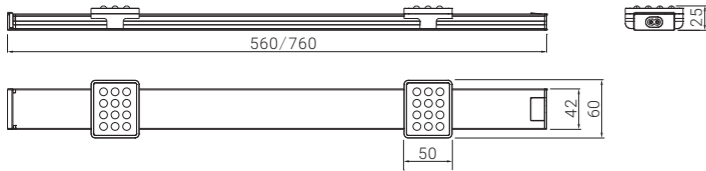
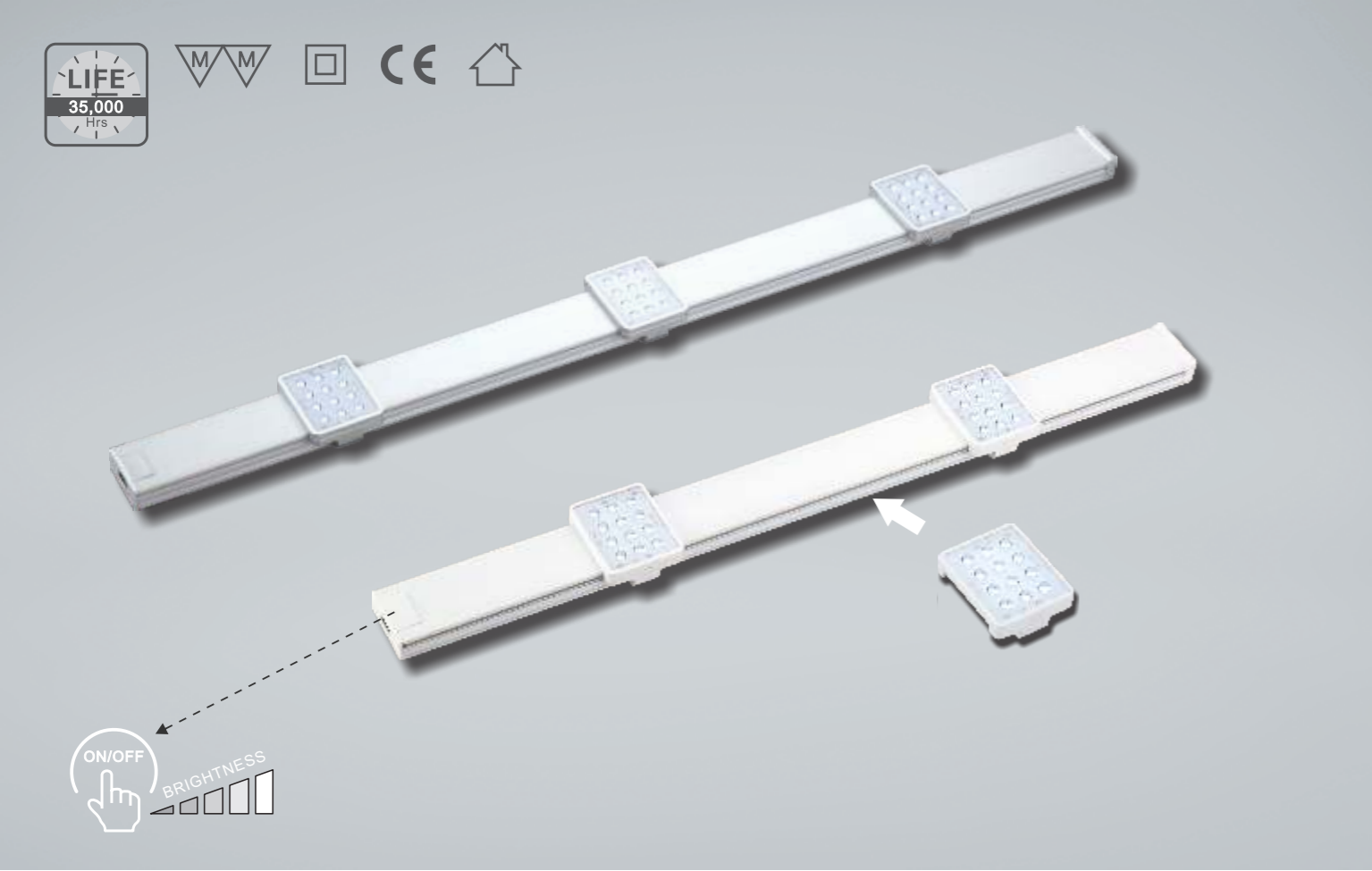
# SMARTBAR- II

LED SPOT LIGHT



# SMARTBAR- II

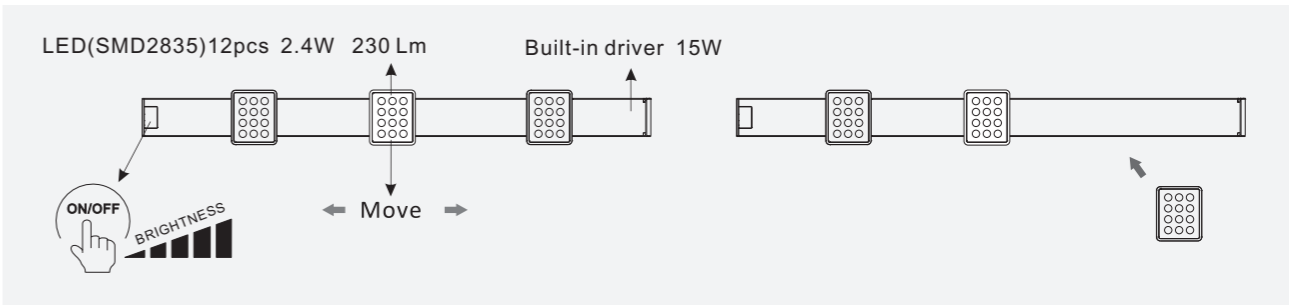
LED SPOT LIGHT



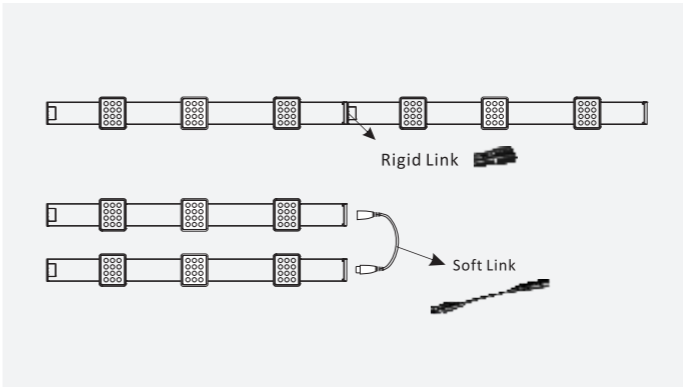
Code	V	LED	W	LM	Dimmerable	Length
SMBII-N560-2	220-240V ~	SMD2835	6 W	460 LM	NO	560
SMBII-D560-2	220-240V ~	SMD2835	6 W	460 LM	YES	560
SMBII-N760-3	220-240V ~	SMD2835	9 W	690 LM	NO	760
SMBII-D760-3	220-240V ~	SMD2835	9 W	690 LM	YES	760
SMBII-N760-5	220-240V ~	SMD2835	15 W	1150 LM	NO	760
SMBII-D760-5	220-240V ~	SMD2835	15 W	1150 LM	YES	760
SMBII-L2.4	24V DC	SMD2835	—	230 LM	—	—

Parameter tolerance: ±10%  
CCT: 4000K

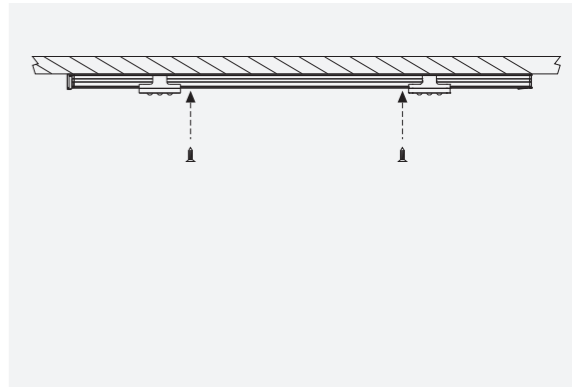
## Description



## Connection System



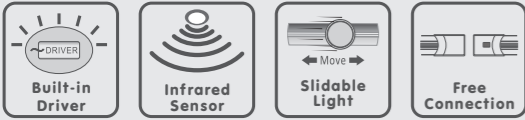
## Mounting



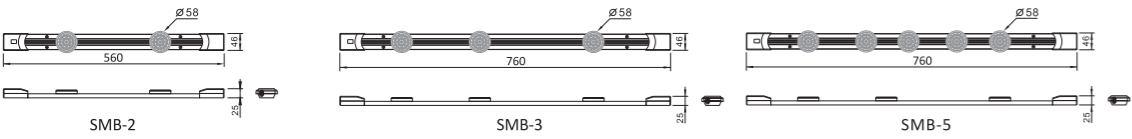
## Accessories

Spot light	Power cable	Soft link	Rigid link
SMB2-L2.4	SMB-PA SMB-PB	SMB-SL	SMB-RL

SMARTBAR  
LED SPOT LIGHT



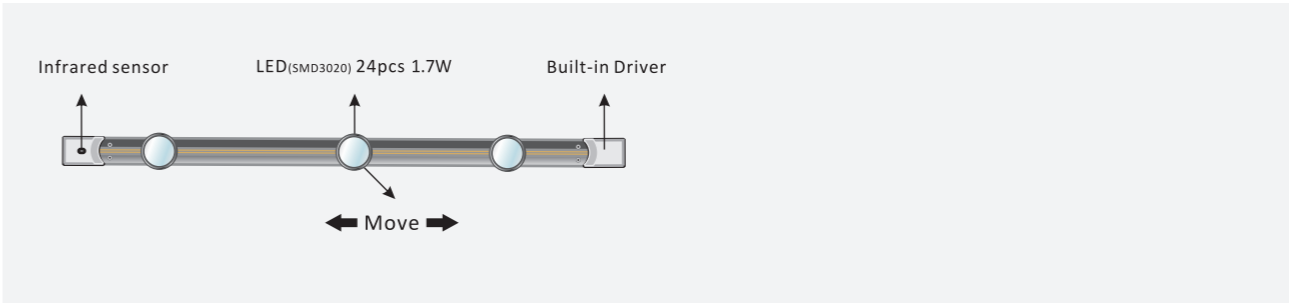
SMARTBAR  
LED SPOT LIGHT



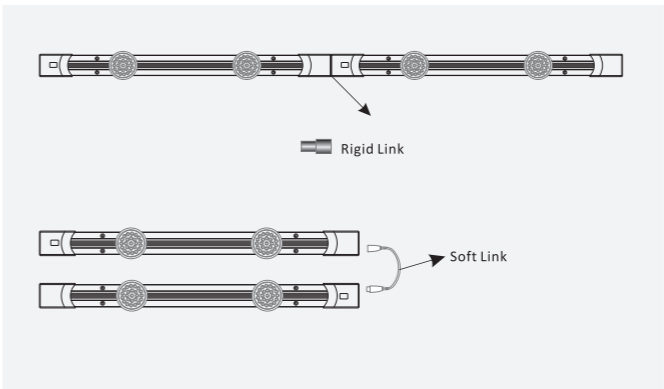
Code	Input Voltage	LED	LED pcs	Power	Brightness.C	Brightness.OP	NW(g)
SMB-2	220-240V~	SMD3020	2x24	5.4W	160Lm	100Lm	440
SMB-3	220-240V~	SMD3020	3x24	6.8W	240Lm	150Lm	570
SMB-5	220-240V~	SMD3020	5x24	10W	400Lm	250Lm	645

Parameter tolerance: ±10%  
CCT: 4000K

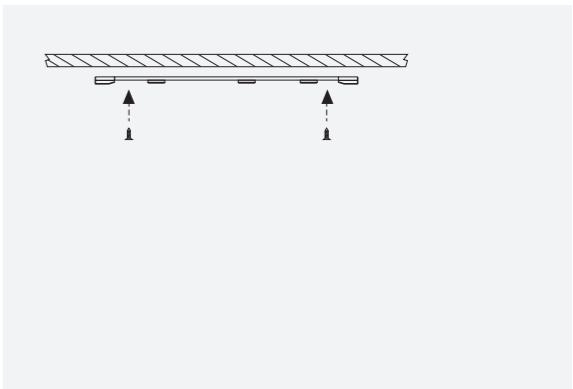
Description



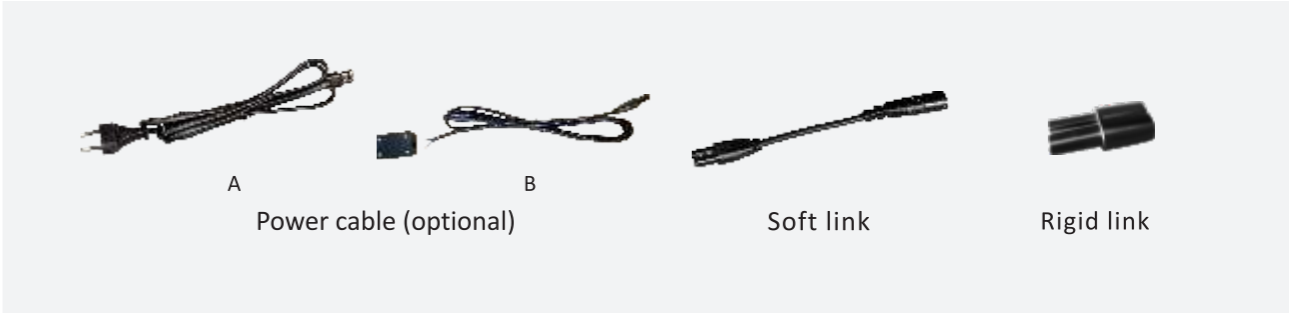
Connection System



Mounting

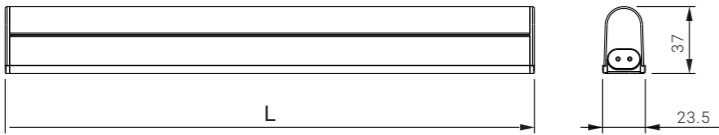
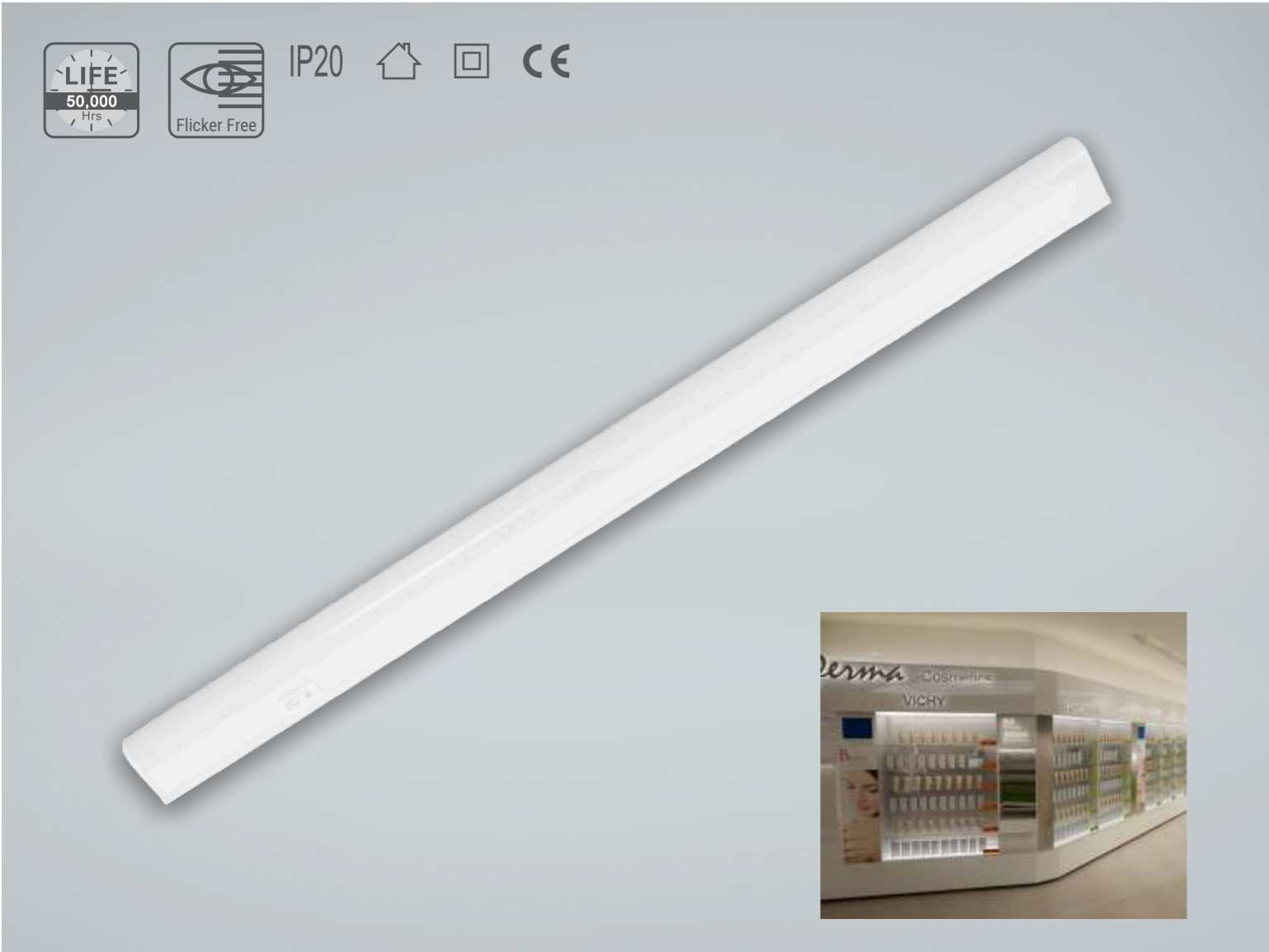
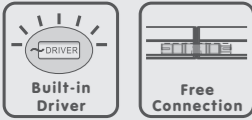


Accessories

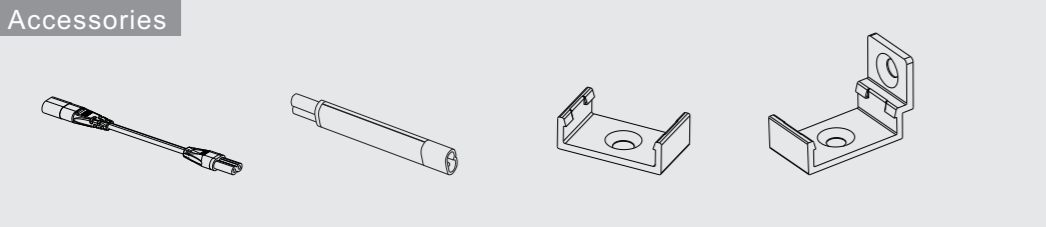


# PROLED

LED UNDER CABINET LIGHT



## Accessories



# PROLED

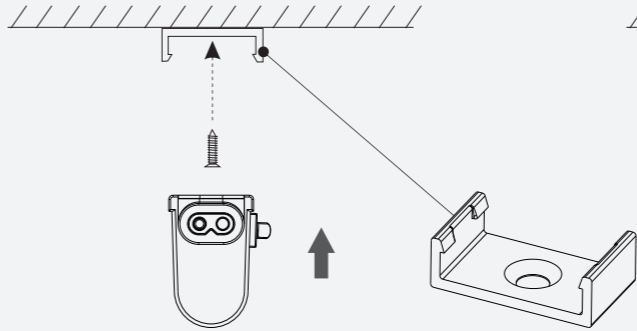
LED UNDER CABINET LIGHT

Code	V	LED	W	PF	LM	L	Colour temperature	Max. Slaves
PLD-293-4W	220-240V~	SMD2835	4 W	≥0.5	400 Lm	293 mm	2700-6500K	19 pcs
PLD-554-8W	220-240V~	SMD2835	6 W	≥0.5	800 Lm	554 mm	2700-6500K	9 pcs
PLD-854-10W	220-240V~	SMD2835	8 W	≥0.5	1000 Lm	854 mm	2700-6500K	7 pcs
PLD-1154-17W	220-240V~	SMD2835	12 W	≥0.5	1500 Lm	1154 mm	2700-6500K	3 pcs
PLD-1454-21W	220-240V~	SMD2835	15 W	≥0.5	2000 Lm	1454 mm	2700-6500K	2 pcs

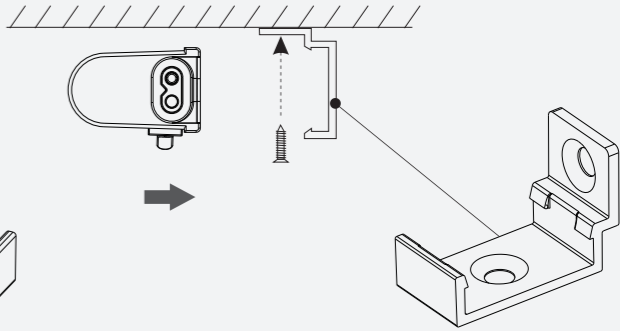
Parameter tolerance: ±10%  
CCT: 4000K

## Mounting

Option A

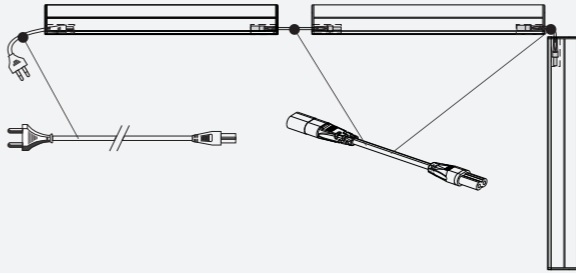


Option B

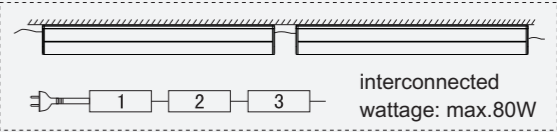
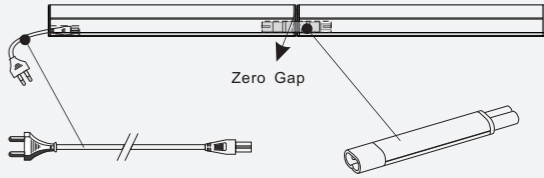


## Connection System

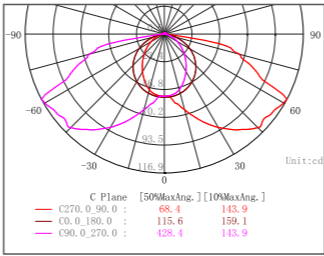
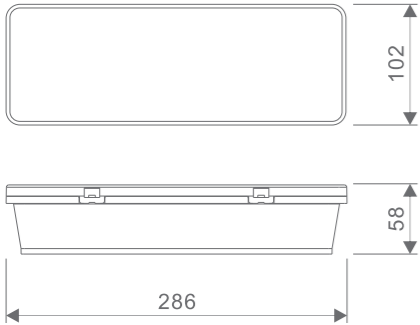
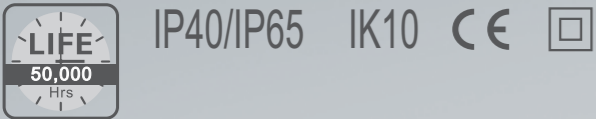
Option A



Option B



MIRROR  
LED EMERGENCY LIGHT



MIRROR  
LED EMERGENCY LIGHT

Code	Mode of operation	V	LED	W	LM under AC	LM under DC	⌚	🔋	📦	IP Class
IE09001N40	Non-maintained	220-240V~	SMD2835	0.5 W	—	90 LM	1h	NI-CD AA600mAhHT 3.6V	0.73	IP40
IE09001N65	Non-maintained	220-240V~	SMD2835	0.5 W	—	90 LM	1h	NI-CD AA600mAhHT 3.6V	0.73	IP65
IE09003N40	Non-maintained	220-240V~	SMD2835	1 W	—	90 LM	3h	NI-CD SC1300mAhHT 3.6V	0.85	IP40
IE09003N65	Non-maintained	220-240V~	SMD2835	1 W	—	90 LM	3h	NI-CD SC1300mAhHT 3.6V	0.85	IP65
IE20001N40	Non-maintained	220-240V~	SMD2835	0.6 W	—	200 LM	1h	NI-CD 2/3AA450mAhHT 7.2V	0.73	IP40
IE20001N65	Non-maintained	220-240V~	SMD2835	0.6 W	—	200 LM	1h	NI-CD 2/3AA450mAhHT 7.2V	0.73	IP65
IE20003N40	Non-maintained	220-240V~	SMD2835	2 W	—	200 LM	3h	NI-CD SC1300mAhHT 7.2V	0.85	IP40
IE20003N65	Non-maintained	220-240V~	SMD2835	2 W	—	200 LM	3h	NI-CD SC1300mAhHT 7.2V	0.85	IP65
IE3009001M40	Maintained	220-240V~	SMD2835	5.6 W	300 LM	90 LM	1h	NI-CD 2/3AA400mAhHT 7.2V	0.73	IP40
IE3009001M65	Maintained	220-240V~	SMD2835	5.6 W	300 LM	90 LM	1h	NI-CD 2/3AA400mAhHT 7.2V	0.73	IP65
IE3009003M40	Maintained	220-240V~	SMD2835	5.6 W	300 LM	90 LM	3h	NI-CD AA600mAhHT 7.2V	0.85	IP40
IE3009003M65	Maintained	220-240V~	SMD2835	5.6 W	300 LM	90 LM	3h	NI-CD AA600mAhHT 7.2V	0.85	IP65
IE30020001M40	Maintained	220-240V~	SMD2835	5.6 W	300 LM	200 LM	1h	NI-CD AA600mAhHT 7.2V	0.73	IP40
IE30020001M65	Maintained	220-240V~	SMD2835	5.6 W	300 LM	200 LM	1h	NI-CD AA600mAhHT 7.2V	0.73	IP65
IE30020003M40	Maintained	220-240V~	SMD2835	6 W	300 LM	200 LM	3h	NI-CD SC1300mAhHT 7.2V	0.85	IP40
IE30020003M65	Maintained	220-240V~	SMD2835	6 W	300 LM	200 LM	3h	NI-CD SC1300mAhHT 7.2V	0.85	IP65

Parameter tolerance: ±10%  
CCT: 4000K

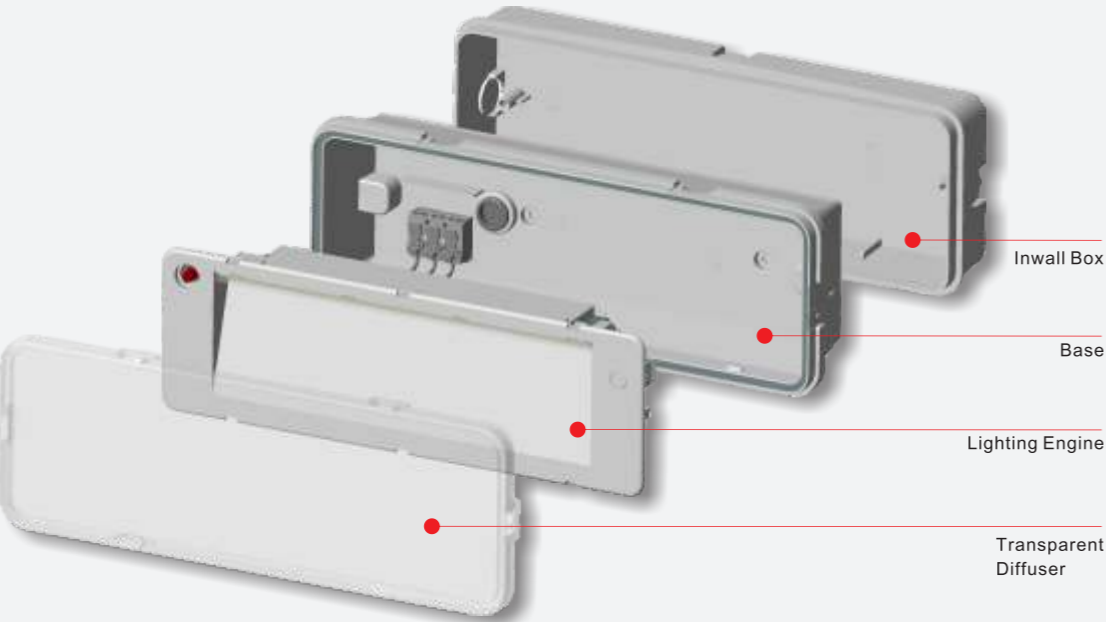
Accessories



MIRROR  
LED EMERGENCY LIGHT

MIRROR  
LED EMERGENCY LIGHT

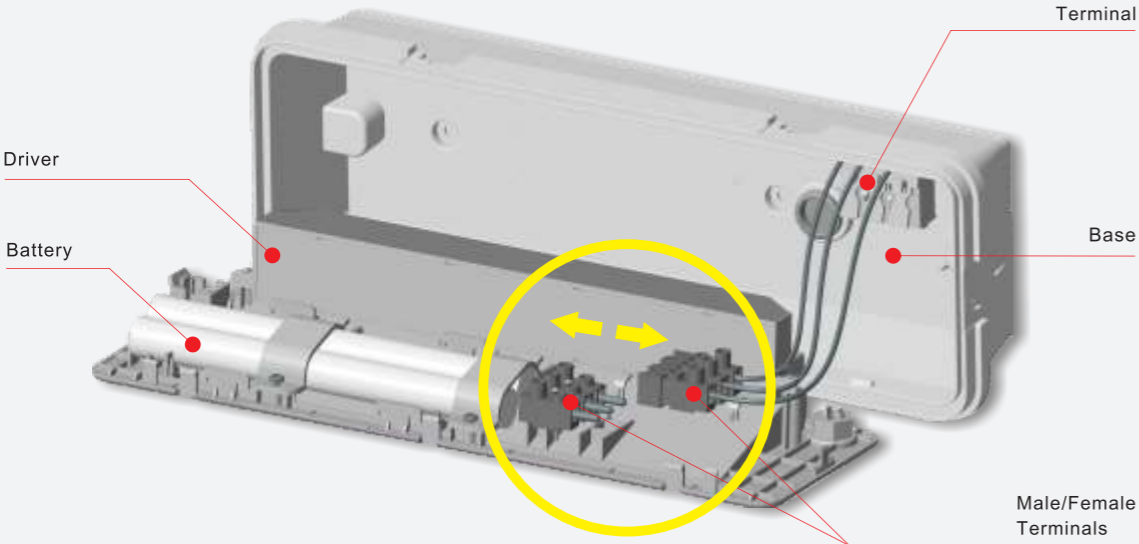
Discription



Mounting



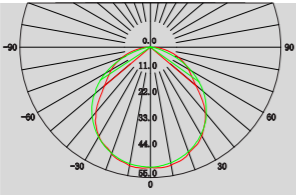
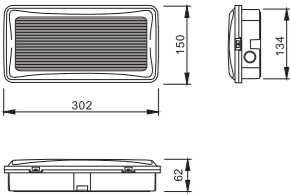
Easy installation & Replaceable light Engine



Full in compliance with

IP65 IK09 CB CE

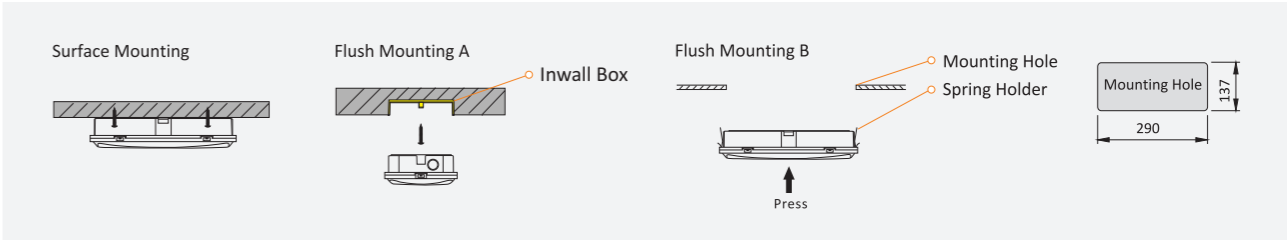
EN 60598-1 EN 60598-2-22  
EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3



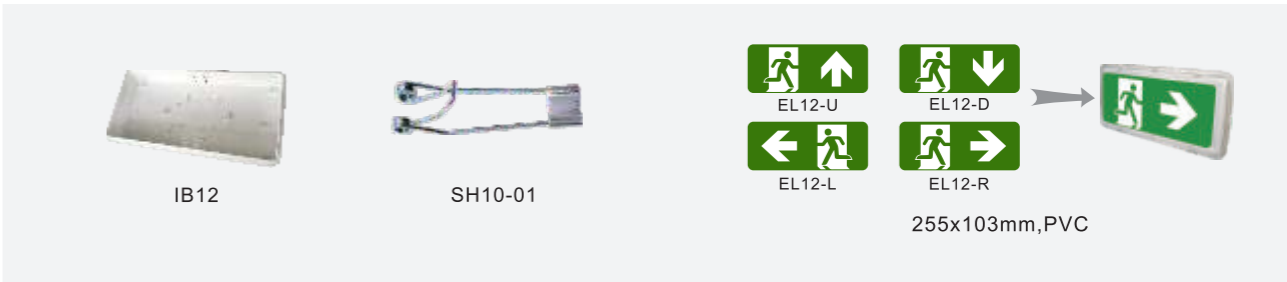
Code	Mode of operation	V	LED	W			LM		m <sup>2</sup>	
SFL3030		220-240V~	SMD2835 White	7W			420 Lm		26	0.9
SFL303001M	Maintained	220-240V~	SMD2835 White	9.3W	1h	NI-CD AA800mAh 7.2V	420 Lm	250 Lm	26	1.03
SFL303003M	Maintained	220-240V~	SMD2835 White	11W	3h	NI-CD SC2000mAh 7.2V	420 Lm	250 Lm	26	1.2
SFL303001N	Non-Maintained	220-240V~	SMD2835 White	1.2W	1h	NI-CD AA800mAh 7.2V	250 Lm		26	1.03
SFL303003N	Non-Maintained	220-240V~	SMD2835 White	3W	3h	NI-CDSC2000mAh 7.2V	250 Lm		26	1.2

Emergency Data  
Parameter tolerance: ±10%  
CCT: 4000K

Mounting



Accessories



Full in compliance with

IP40 IK09 CB CE

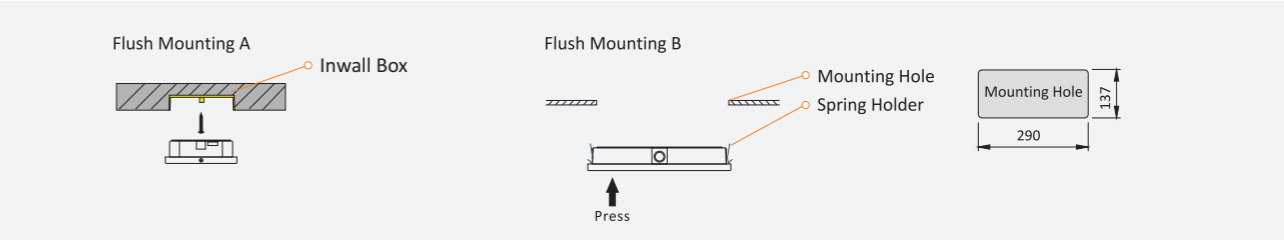
EN 60598-1 EN 60598-2-22  
EN 55015 EN 61547 EN 61000-3-2 EN 61000-3-3



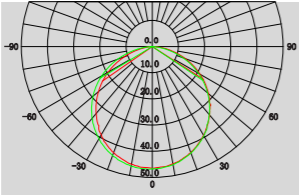
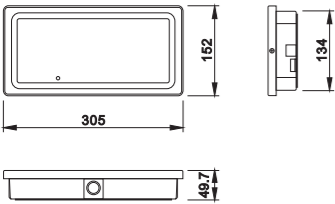
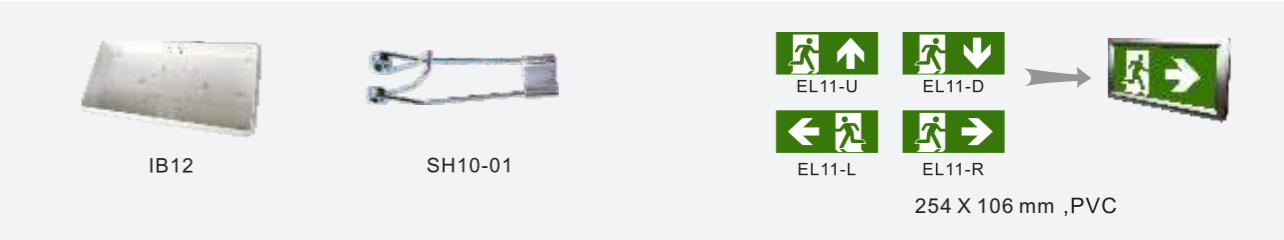
Emergency Data  
Parameter tolerance: ±10%  
CCT: 4000K

Code	Mode of operation	V	LED	W			LM	m <sup>2</sup>	KG
SFP2030		220-240V~	SMD2835 White	7W			440 Lm	25	1.05
SFP203001M	Maintained	220-240V~	SMD2835 White	9.3W	1h	NI-CD AA800mAh 7.2V	440 Lm 260 Lm	25	1.05
SFP203003M	Maintained	220-240V~	SMD2835 White	11W	3h	NI-CD SC2000mAh 7.2V	440 Lm 260 Lm	25	1.22
SFP203001N	Non-Maintained	220-240V~	SMD2835 White	1.2W	1h	NI-CD AA800mAh 7.2V	260 Lm	25	1.05
SFP203003N	Non-Maintained	220-240V~	SMD2835 White	3W	3h	NI-CD SC2000mAh 7.2V	260 Lm	25	1.22

Mounting

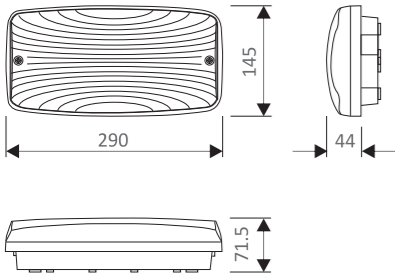
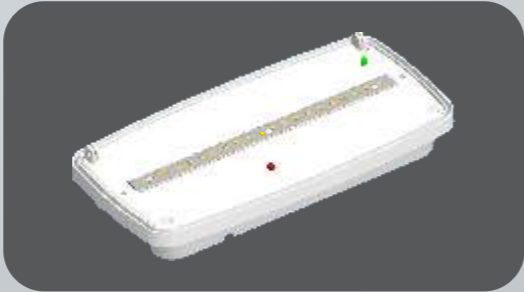
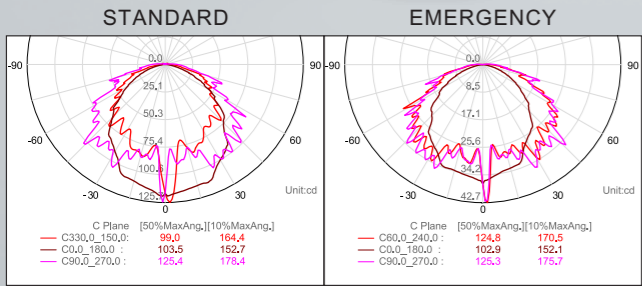
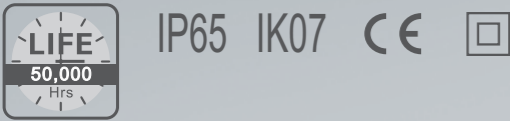


Accessories



SAFEBOY-LED  
LED EMERGENCY LIGHT

SAFEBOY-LED  
LED EMERGENCY LIGHT



Opal Diffuser

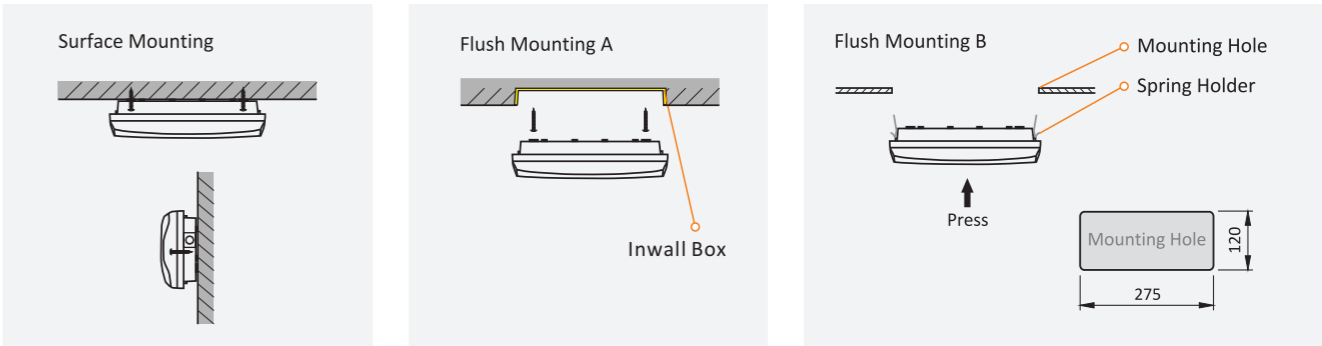


Transparent Diffuser

Code	Mode of operation	V	LED	W	LM under AC	LM under DC	⌚	🔋	📊
SE000100N01	Non-maintained	220-240V~	SMD2835	0.5 W	—	100 LM	1h	NI-CD 2/3AA400mAhHT 7.2V	0.6
SE000100N03	Non-maintained	220-240V~	SMD2835	1 W	—	100 LM	3h	NI-CD AA600mAhHT 7.2V	0.65
SE300100M01	Maintained	220-240V~	SMD2835	5.5 W	300 LM	100 LM	1h	NI-CD 2/3AA400mAhHT 7.2V	0.6
SE300100M03	Maintained	220-240V~	SMD2835	5.5 W	300 LM	100 LM	3h	NI-CD AA600mAhHT 7.2V	0.65

Parameter tolerance: ±10%  
CCT: 4000K

Mounting



Accessories

Inwall Box

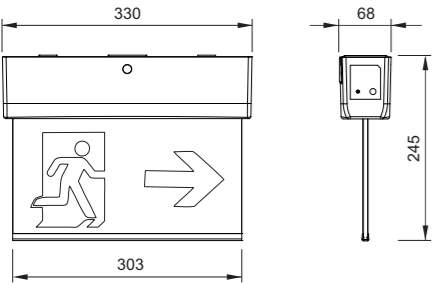


IB10

Spring Holder



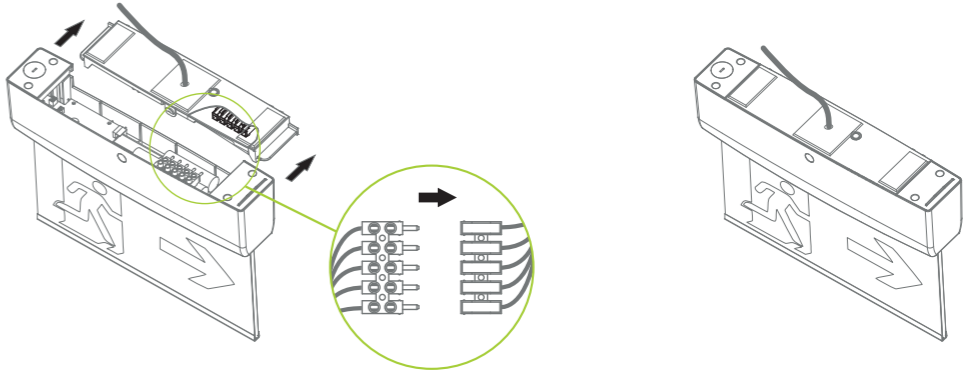
SH10



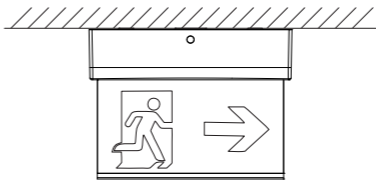
Code	V	LED	W Input	W Output	LM	Emergency manual testing	Emergency self testing	Mode of operation	⌚	🔋	KG
NUX-E01	220-240V~	SMD2835	Max.3.5W	1W	40 LM	Yes	---	Maintained	1h	LiFePO4 600mAh 3.2V	1.15
NUX-E03	220-240V~	SMD2835	Max.5.5W	1W	40 LM	Yes	---	Maintained	3h	LiFePO4 1500mAh 3.2V	1.2

Parameter tolerance: ±10%  
CCT: 4000K

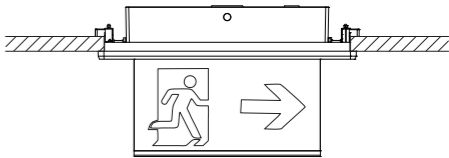
Easy Installation



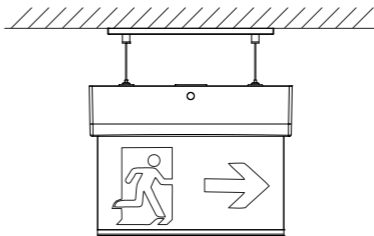
Mounting



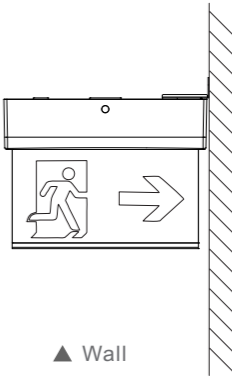
▲ Surface



▲ Flush



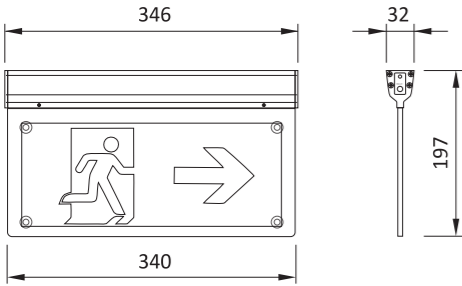
▲ Pendant



▲ Wall



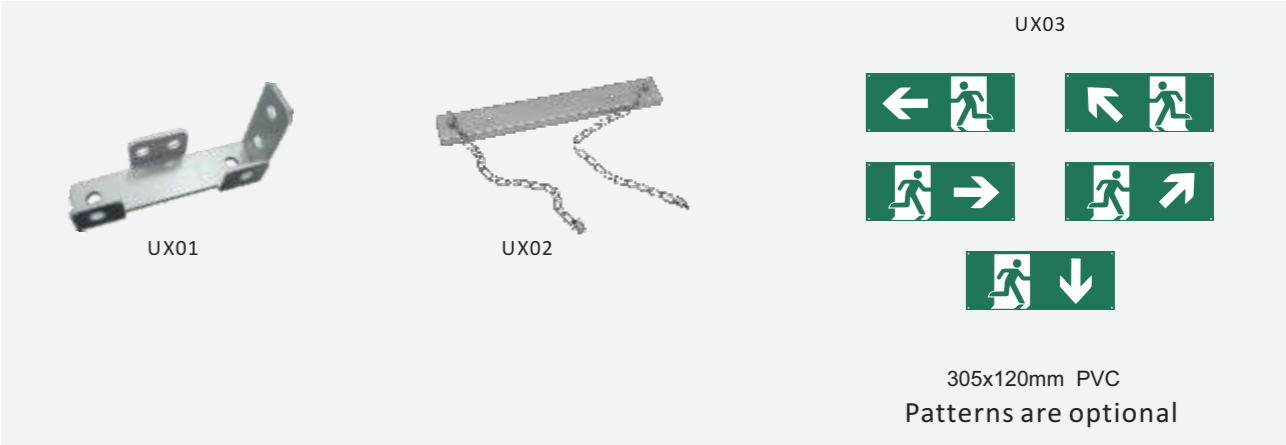
▲ Wall



Code	Mode of operation	V			W	LM	
UX-340	Maintained	220-240V ~	3h	Ni-CD AA600 3.6V	3.5W	19Lm	0.66
UX-340NB	-----	220-240V ~	-----	-----	3.5W	19Lm	0.6

Parameter tolerance: ±10%  
CCT: 4000K

Accessories



Mounting

