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# Varga Ákos Csaba: Connected lighting

2026.07.23

# Connected lighting - tartalom

- A Connected Lighting mellett szóló érvek
- Újdonságok (szenzorok, alkalmazás, fali vezérlő panel, konfigurátor)

# Unique Selling Points

- Hálózatba, csoportokba, zónákba szervezhető lámpatestek
- Vezetéssel vagy akár vezeték nélkül is létesíthető okosvilágítás
- Távolról vezérelhető világítás, analitika, adatkinyerés a driverből
- Magasszintű automatizálás, további 10–15% energiamegtakarítás
- Gyors, akár egy éven belüli megtérülésű beruházás

# Dynalite's web configuration tool Design studio has already DADPE panels possible to choose

PHILIPS  
dynalite  
Design Studio

Insert product code



**Fascia group**

Flare Corona Glass

**Fascia color**

Aluminum Black Gold Jet Magnesium  
Noir Prestige Silver Vintage White

**Frame color**

Aluminum Black Gold Jet Magnesium  
Noir Prestige Silver Vintage White

**Rim color**

Aluminum Black Chrome Magnesium White

Product code  
DADPE-AA-X

Ordering code (12NC)  
913703272209

Download your design

How to enter to Design studio configurator ? Via Dynalite.com website:

Resources 1

Design Studio 2

### PIPO Reminder:

Monochromatic panels are already  
Phased out – we're switching to  
color display panel (DADPE)

i.e.

Phased out:

**PADPE-WW-X**      913703433707  
**PADPE-MM-X**      913703038209

Phase in

**DADPE-WC-X**      913703273409  
**DADPE-WW-X**      913703273709

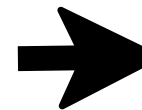
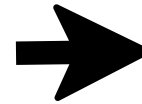
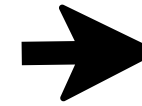
You can switch color panels them to B&W mode

**Phase out**  
**Antumbra Display Panel**  
**(monochromatic)**



**PADPE**

Philips Antumbra  
Display Panel EU



**Phase In**  
**Color display panel**



**DADPE**

Dynalite Antumbra  
Display Panel EU



## Revolution Display has won the Technology Award at the [d]arc awards.



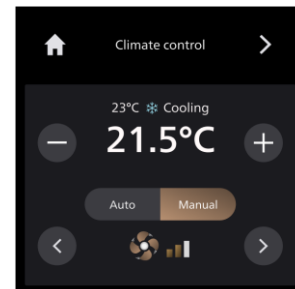
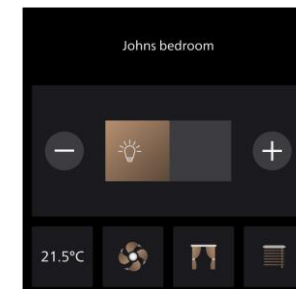
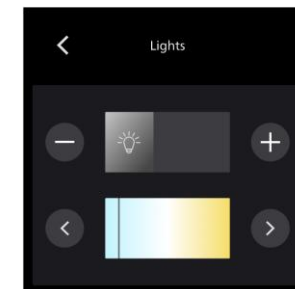
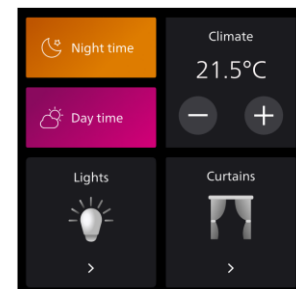
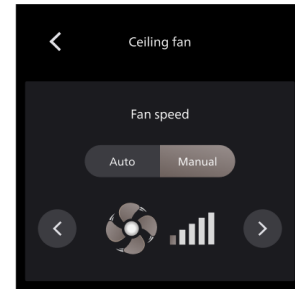
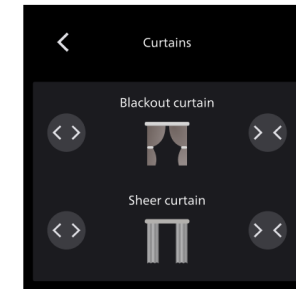
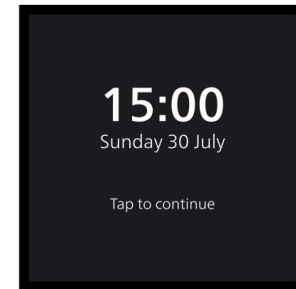
- New Device
- Matching the Revolution range
- Single gang 4" display
- Multiple pages (5 pages or 92 widgets)
- Same DACM, 120mA draw on DyNet.
- Capacitive touchscreen,
- First release Revolution button layouts.  
Additional releases will allow more customisation.

**PDRDxxE-xxB-x (Black) 12NC - 913703375209**

**PDRDxxE-xxW-x (White) 12NC - 913703252009**



Please remember to add  
DACMv5 to every  
Revolution display panel



# New Dynalite Switch app

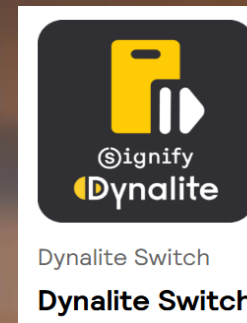
already available

## Dynalite Switch

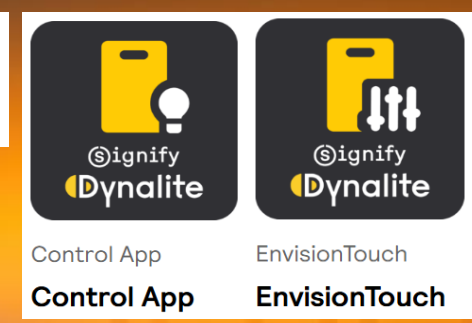
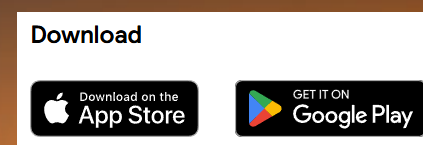
Unified Lighting & Space control for everything connected to your Dynalite system at home, or your business premises, including lighting, climate, fans, curtains, blinds and more.

- **Plug-and-play** – Connect the Switch app to the Dynalite system and it's ready to use.
- **Scene management** – recall and edit pre-defined lighting scenes and control individual lighting channels.
- **Scene scheduling** trigger lighting scenes based on a schedule.
- **Simple connection** – connect to the PDEG – Dynalite Ethernet Gateway, through your local Wi-Fi network.
- Can be used to write **simple macro commands** (i.e. master off)

[Dynalite switch app documentation](#) (link)

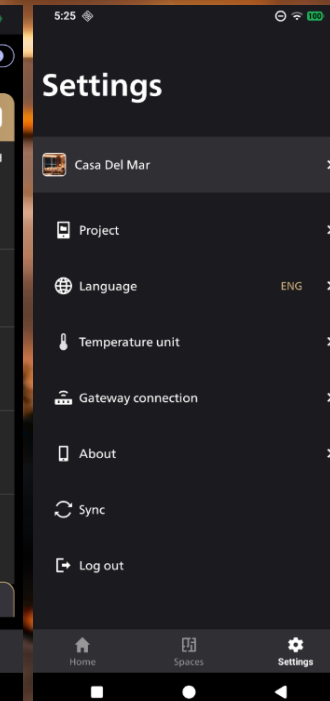
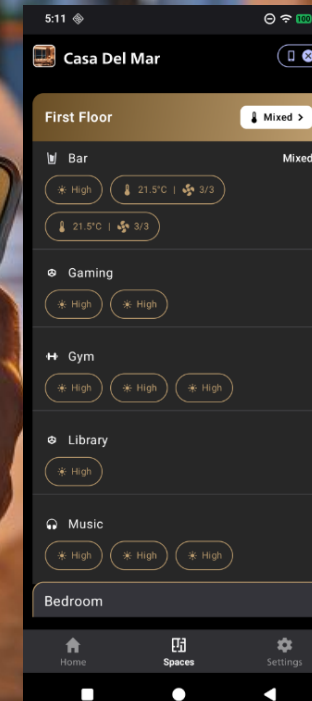
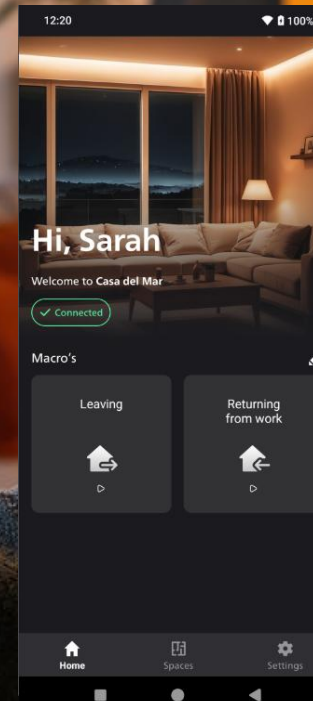


IOS & Android



IOS

Android



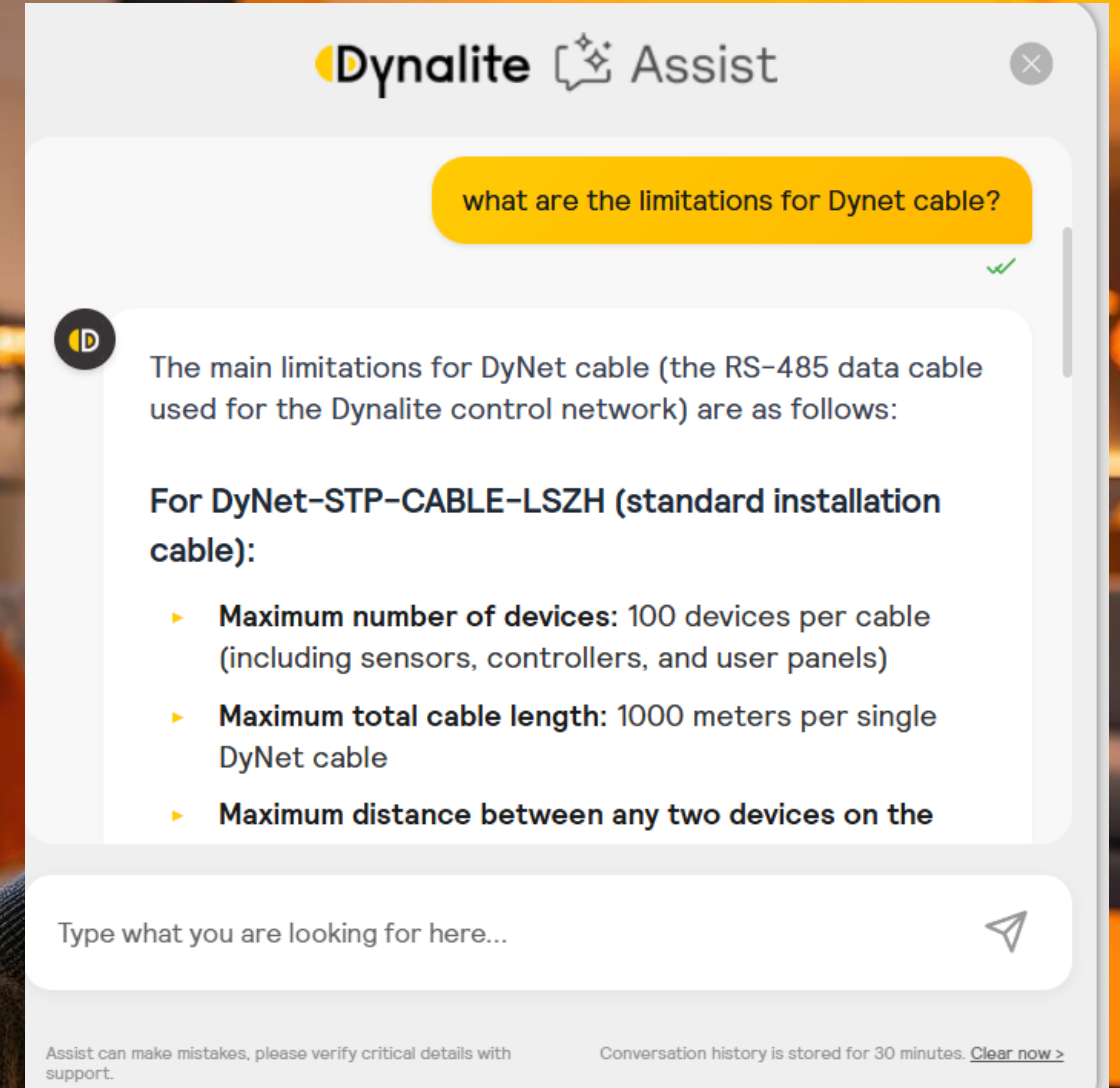
# Dynalite is AI friendly

build-in AI assistant: [www.dynalite.com](http://www.dynalite.com)

## Dynalite Assist:

5 most important features of Dynalite Assist, summarized in one sentence each and translated into English:

- provides **fast access** to a wide range of documentation and technical resources, making it easy to find answers without manual searching.
- It uses an **intuitive chat interface** that allows users to ask questions in natural language and receive direct answers with relevant links.
- The service is **available across multiple platforms**, including the public website, partner portal, and integrated within System Builder software.
- It supports both **general and highly technical queries**, addressing topics from system integration to product specifications and commissioning steps.
- By automating information retrieval, Dynalite Assist **saves time and increases efficiency** for designers, technicians, and installers.
- Supports many languages







# Signify Interact

## új alkalmazás név és szenzorok

# Introducing our new mobile app name: Signify Interact Builder

Current



Interact Pro

Proposal for Apple (\*)



Builder

Proposal for Android (\*)



Builder

[Signify Brand Portal](#)

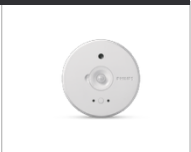
# Interact Ready portfolio



## Lamps

|                                                                                  |                                                                                   |                                                                                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |
| Philips MasterConnect LEDtube                                                    | Philips MasterConnect LEDspot                                                     | Signify MyCreation Ambifit <b>3D</b>                                              |

## Battery powered external sensors

|                                                                                  |                                                                                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |
| OCC0100A/02 BP Sensor WH                                                         | OCC0101A/02 DL BP Sensor WH                                                       |

## Mains powered sensors (external sensors) + MPS DALI lowbay & highbay sensors

|                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| MPS3100/05 OCC-DL IA WIA WH 8M                                                    | MPS3210/05 OCC-DL IA DALI WH 6M S                                                 | MPS3220/05 OCC-DL IA DALI WH 12M S                                                 | MPS3230/05 OCC-DL IA DALI WH 16M S                                                  |

## Outdoor parking sensors

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| LCN4150/05 Int Outd Parking Sensor 40f W                                            | LCN4120/05 Int Outd Parking Sensor 15f W                                            | LCN4150/15 Int Outd Parking Sensor 40f B                                            | LCN4120/15 Int Outd Parking Sensor 15f B                                            |

## Wireless switches (battery free)

|                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |
| Dim 2B (UID8470/10)                                                               | Dim 4B (UID8480/10)                                                                |

## Wireless Gateway

|                                                                                    |
|------------------------------------------------------------------------------------|
|  |
| Interact Pro wireless gateway                                                      |

## Integration devices (3rd party lums)

|                                                                                    |                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| KT100 RF DALI Connector Kit w SC100 IA                                             | DALI Extender kit with SC200                                                        |

## Push button module\*

|                                            |
|--------------------------------------------|
| <b>Q4 2026!</b>                            |
| PBIM* (3rd party input module) coming soon |

\*= With integrated sensor  
**3D** = 3D printed luminaires

All Philips products are available on [signify.com](https://www.signify.com)

Configure all Signify MyCreation products on [mycreation.signify.com](https://mycreation.signify.com)

# “Open Interact” – integrations with any DALI-2 luminaire

## Current situation

- Interact works only with Interact-ready luminaires

## What's changing

- Enable Interact for Intelligent Buildings with any DALI-2 luminaires
- The system supports DALI-2 Luminaires – with or without energy metrics

## Product options

- Office/Education/Healthcare : KT200
- Industry/Healthcare : MPS DALI / MPS32xx (3 variants)



### KT200

Mounting height – 2-4m ,  
upto 6m for major motion detection only

|                                |                |
|--------------------------------|----------------|
| Product name                   | 12 NC          |
| KT200 Sensor DALI Extender Kit | 9137 010 77603 |



### MPS3210/05

Mounting height: 2.1 – 6 m

|                                   |              |
|-----------------------------------|--------------|
| Product name                      | 12 NC        |
| MPS3210/05 OCC-DL IA DALI WH 6M S | 913701071303 |



### MPS3220/05

Mounting height: 4 – 12 m

|                                    |              |
|------------------------------------|--------------|
| Product name                       | 12 NC        |
| MPS3220/05 OCC-DL IA DALI WH 12M S | 913701071403 |



### MPS3230/05

Mounting height: 4 – 16 m

|                                    |              |
|------------------------------------|--------------|
| Product name                       | 12 NC        |
| MPS3230/05 OCC-DL IA DALI WH 16M S | 913701071503 |



# Product details

## Sensing

- Passive Infrared (PIR) motion detection
- Adjustable sensitivity
- Minimum false trigger
- Light sensor **daylight dependent regulation** (DDR)
- High accuracy of ambient light measurement from approximately 1 to 1500 lux at sensor level
- **Closed loop** daylight regulation

## DALI

- Connection of up to 10 luminaires via integrated DALI port (20 mA)
- Supports DALI 2 driver with parts 251 (lum data), 252 (energy data), 253 (diagnostics data)

## Communication

- RF range for optimal communication between sensors in a **mesh network: up to 50 m line of sight**
- Commissioning via **Philips remote control and Interact app**
- Distance for commissioning via Bluetooth: up to 15 m line of sight

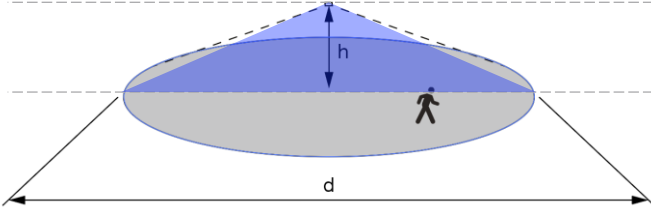
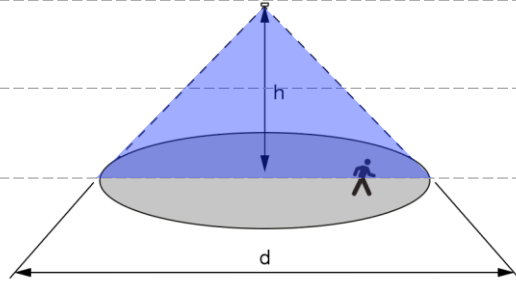
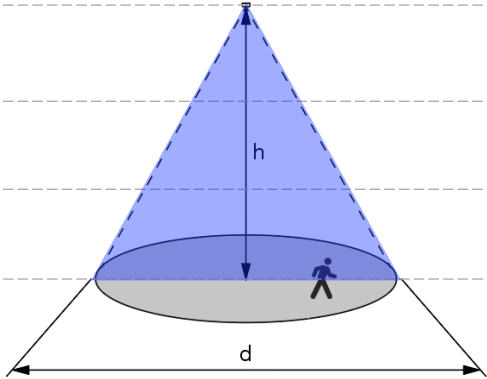
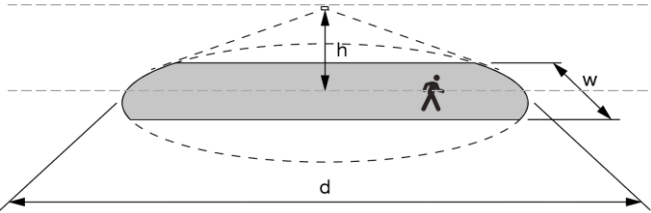
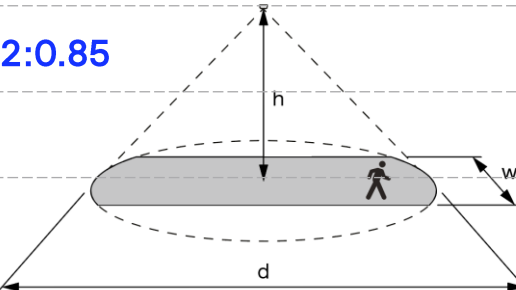
## Other

- Operating temperature: **-40 to +50 °C**
- Protection rating: **IP66, IK08<sup>1</sup>**
- Power supply: Mains (220-240V)
- Possibility to push data metrics to dashboards and APIs within a connected lighting system

<sup>1</sup> IP/IK ratings apply to the stand-alone sensor. Ratings may differ when built-in with a luminaire.



# Optimized sensor coverage per application

| Ceiling height (h)                                                                                                         | 2.1 – 6 m                                                                                                                    |            | 4 – 12 m                                                                                                             |            | 4 – 16 m                                                                                                         |            |
|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------|------------|
| Product type                                                                                                               | MPS3211/05                                                                                                                   | MPS3210/05 | MPS3221/05                                                                                                           | MPS3220/05 | MPS3231/05                                                                                                       | MPS3230/05 |
| <b>Maximum sensor detection area</b><br>Without lens shield<br>Mounting height (h):<br>sensor coverage area<br>diameter(d) | <b><math>h:d = 1:5</math></b><br>          |            | <b><math>1:2</math></b><br>       |            | <b><math>1:1.1</math></b><br> |            |
| <b>With lens shield</b><br>Mounting height (h):<br>sensor coverage area<br>diameter(d):width (w)                           | <b><math>h:d:w = 1:5:0.85</math></b><br> |            | <b><math>1:2:0.85</math></b><br> |            | Not applicable                                                                                                   |            |

**For example:** If an MPS3210/05 sensor is mounted at 6 m height, the maximum sensor detection diameter is 30 m.

# The right sensor for every requirement



## MPS3210/05

Mounting height: 2.1 – 6 m

Product name

12 NC

MPS3210/05 OCC-DL IA DALI WH 6M S

913701071303



## MPS3220/05

Mounting height: 4 – 12 m

Product name

12 NC

MPS3220/05 OCC-DL IA DALI WH 12M S

913701071403



## MPS3230/05

Mounting height: 4 – 16 m

Product name

12 NC

MPS3230/05 OCC-DL IA DALI WH 16M S

913701071503

## Lens shielding options

### Hemisphere sensor coverage area

- Apply the sticker to restrict or modify the motion field of view as required



### Rectangle sensor coverage area (for aisles and corridors)

- Use the shield on top of the lens to reduce the motion field of view
- Available for mounting heights <12 meters



Trunking application

# The right sensor for every requirement



## MPS3221/05

Mounting height: 4 – 12 m

Product name

12 NC

MPS3221/05 OCC-DL IA DALI WH 12M A

913701071603



## MPS3231/05

Mounting height: 4 – 16 m

Product name

12 NC

MPS3231/05 OCC-DL IA DALI WH 16M A

913701071703

## Lens shielding options

### Hemisphere sensor coverage area

- Apply the sticker to restrict or modify the motion field of view as required



### Rectangle sensor coverage area (for aisles and corridors)

- Use the shield on top of the lens to reduce the motion field of view
- Available for mounting heights <12 meters



Highbay application

# The right sensor for every requirement



## MPS3211/05

Mounting height: 2.1 – 6 m

|                                   |              |
|-----------------------------------|--------------|
| Product name                      | 12 NC        |
| MPS3211/05 OCC-DL IA DALI WH 6M A | 913701071603 |



## MPS3221/05

Mounting height: 4 – 12 m

|                                    |              |
|------------------------------------|--------------|
| Product name                       | 12 NC        |
| MPS3221/05 OCC-DL IA DALI WH 12M A | 913701071603 |

Waterproof application

## Lens shielding options

### Hemisphere sensor coverage area

- Apply the sticker to restrict or modify the motion field of view as required



### Rectangle sensor coverage area (for aisles and corridors)

- Use the shield on top of the lens to reduce the motion field of view
- Available for mounting heights <12 meters





# Overview: Industrial sensors

**New:** Mains-powered luminaire-integrated sensors



**DALI mains-powered sensor IP66 (surface-mounted)**  
(MPS3210/05; MPS3220/05; MPS3230/05)  
Compatible driver: DALI driver with Dali parts 251,252,253



**DALI mains-powered sensor IP66 (attach-mounted)**  
(MPS3211/05; MPS3221/05; MPS3231/05)  
Compatible driver: DALI driver with Dali parts 251,252,253

## Mains-powered independent sensor



**Mains-powered sensor IP66 (MPS3100)**  
Compatible driver: Wireless driver  
Accessory for recessed mounting available (SA3000)

## Outdoor parking sensor



**LCN4120/05, LCN4150/05**  
Compatible driver: SR driver with a Zhaga book 18 socket

# MPS DALI

## mains powered sensor

The mains powered sensor is an occupancy and daylight sensor. It is an Interact Ready sensor, which can be used to upgrade Interact ready luminaires to a smart connected-lighting system. The MPS32x0/05 sensors are DALI-2 certified. The MPS32x0/05 sensors are independent sensors and compatible with DALI driver parts. The DALI port supports up to 10 DALI drivers

MPS3210/05 OCC-DL IA DALI WH 6M S  
MPS3220/05 OCC-DL IA DALI WH 12M S  
MPS3230/05 OCC-DL IA DALI WH 16M S

**Functionality Features**

- Motion sensor PIR for occupancy detection
- Adjustable sensitivity
- Minimum false trigger
- Light sensor Daylight Dependant Regulation (DDR)
- Infrared receiver module for IR remote control
- Zigbee and a Bluetooth Low Energy (BLE) transceiver



MPS3210/05



MPS3220/05



MPS3230/05

| Sensor variant | Sensor mounting height | Maximum sensor detection diameter (D)<br>(ratio of mounting height (H) and diameter (D))<br>H:D |
|----------------|------------------------|-------------------------------------------------------------------------------------------------|
| MPS3210/05     | 2.1 m to 6 m           | 1:5                                                                                             |
| MPS3220/05     | 4 m to 12 m            | 1:2                                                                                             |
| MPS3230/05     | 4 m to 16 m            | 1:1.1                                                                                           |

**Benefits**

- Automatic light control based on occupancy detection and DDR
- Adjustable sensor parameters for personalized lighting behaviors
- Status indication through three built-in LEDs

# MPS DALI

## mains powered sensor

The mains powered sensor is a standalone occupancy and daylight sensor. It is an Interact Ready sensor, which can be used to upgrade Interact ready luminaires to a smart connected-lighting system. The MPS32x1/05 sensors are DALI-2 certified, and side mounted on the luminaires. The DALI port supports up to 10 DALI drivers.



MPS3211/05



MPS3221/05



MPS3231/05

MPS3211/05 OCC-DL IA DALI WH 6M A  
MPS3221/05 OCC-DL IA DALI WH 12M A  
MPS3231/05 OCC-DL IA DALI WH 16M A

| Sensor variant | Sensor mounting height | Maximum sensor detection diameter (D)<br>(ratio of mounting height (H) and diameter (D))<br>H:D |
|----------------|------------------------|-------------------------------------------------------------------------------------------------|
| MPS3211/05     | 2.1 m to 6 m           | 1:5                                                                                             |
| MPS3221/05     | 4 m to 12 m            | 1:2                                                                                             |
| MPS3231/05     | 4 m to 16 m            | 1:1.1                                                                                           |

### Functionality

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# @signify

the meaning of light