



THE LATEST FOR INDUSTRY

# LEDVANCE LED LUMINAIRE HIGHLIGHTS

APRIL 2022



[LEDVANCE.CO.UK](https://www.ledvance.co.uk)



**LEDVANCE**

# LEDVANCE: ADVANCING LIGHT

## BAD LIGHT, FEELING UNSAFE? BETTER SWITCH TO LEDVANCE LUMINAIRES.

With over 100 years of experience in general lighting, LEDVANCE combines traditional lighting technology with pioneering lighting innovations for almost any application. In addition to this unique know-how, we particularly rely on long-term customer relationships and a strong global sales network.

As technology trend experts, we are leading the way in meeting the rapidly changing demands for high-quality and long-lasting light. And as a strong local partner, we are always reliably at your side in over 140 countries.

Whether it's luminaires, lamps, our LED Strip System or state-of-the-art light management solutions, our teams of specialists are focused on the specific needs of our customers. We are making a decisive contribution to increasing your competitiveness with technical innovations and easy-to-use, intelligent lighting solutions compliant with European regulations.

Our extensive range of products for industrial applications meets these requirements more than ever before. Long lifetimes and guarantees ensure high cost-effectiveness, as does the even greater efficiency of individual products. But above all, new sensor versions of the well-known HIGH BAY and DAMP PROOF luminaires and a new luminaire family for high ceilings of up to 10 metres are welcome additions to the portfolio. They will help you offer even more demand-based and intelligent lighting solutions.

We always focus on the benefit for you as a lighting professional. That's why we do everything we can to make our products and systems particularly easy to plan, install and combine.

Based on these principles, we will continue to develop sophisticated products and provide you with optimum support in your personal fight against bad light.



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High ceilings (e.g. airports)

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#### YOU ASK THE QUESTIONS – WE HAVE THE ANSWERS

Would you like more information on industry lighting or have questions about specific light sources? The experts in our technical team are happy to advise you. You can reach our team by email at [csc.uk@ledvance.com](mailto:csc.uk@ledvance.com) or by phone on 01925 465 000.

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All the following values for the IP and IK protection classes  
apply exclusively to luminaires (excluding accessories).

# NEW HIGHLIGHTS FOR YOUR LEDVANCE LIGHTING SOLUTION

**LEDVANCE now has an extended range for industrial applications, offering you even more lighting solutions to meet the specific requirements of your customers. From now on, you can design sophisticated industrial area and hall lighting even more demand-based and economical using intelligent sensor versions.**

**All in all, an impressive combination of excellent workmanship and quality of light, easy installation and operation, high efficiency and a long life.**

## 1. DAMP PROOF SENSOR INTELLIGENT ALLROUNDER

With the new DAMP PROOF SENSOR, you can use simple 5-way wiring to establish a network of intelligent damp-proof luminaires based on the leader-follower or leader-leader principle.

Another advantage is the adjustable sensor which can be configured quickly and easily using toggle switches.



### IDENTIFYING AND MEETING NEEDS

The lighting in industrial applications should have special properties. The quality of light is crucial not only for good production results but also for health and safety at work. What's more, clever and efficient switching in combination with good luminous efficacy significantly reduces operating costs. Economy and quick payback of the investment are important arguments – and the basis for LEDVANCE product developments.



### DAMP PROOF SENSOR



DAMP PROOF SENSOR luminaires provide reliable general lighting in areas that are up to 4 metres high – well protected from dust and moisture. Their configurable sensor makes them ideal for use in entrances, car parks, corridors and industrial facilities where light needs to suit specific situations.



# SUCCESS FOR INDUSTRIAL PROJECTS

## 2. LOW BAY FLEX INSTALLATION MADE EASY

The new LOW BAY FLEX is very powerful with up to 160 lm/W and very versatile with 3 different beam angles. But above all, it has 4 mounting options, end caps and connections that are accessible without tools, and complete through-wiring for ON/OFF and DALI versions.

## 3. HIGH BAY GEN 4 SENSOR HIGHLY INTELLIGENT

The new HIGH BAY GEN 4 SENSOR significantly reduces operating costs in high-ceiling spaces thanks to increased luminaire efficiency and a configurable sensor. The integrated corridor function provides light on demand without the need for any additional devices. And with the optional remote control<sup>1</sup> you can customize lighting levels and timings even further and quickly transfer them to all the installed HIGH BAY luminaires – ideal for large applications.

<sup>1</sup> Available to order separately

### YOUR BENEFITS AT A GLANCE



Global network



Extensive portfolio from a single source



Outstanding services

### FULL SERVICE FOR YOUR PROJECT SUCCESS

In addition to first-class products and competent customer service ([contact@ledvance.co.uk](mailto:contact@ledvance.co.uk)), we support you in numerous other ways throughout your lighting projects. Go to **ledvance.com** and discover valuable service concepts such as the Fast Light Calculation Tool, our eLearning modules or the DIALux/RELUX light planning software.

### LOW BAY FLEX



The extremely easy-to-install and versatile LOW BAY FLEX LED luminaires are in their element in warehouses, logistics centers and industrial facilities with ceiling heights between 4 and 10 metres.

Coming soon: Ball-proof versions for use in indoor sporting facilities or applications where increased physical robustness is required.



### HIGH BAY GEN 4 SENSOR



HIGH BAY GEN 4 SENSOR luminaires deliver high luminous intensity and efficiency in warehouses and factories with a ceiling height of up to approximately 12 metres. Thanks to low-flicker light they provide maximum health and safety at work. Their intelligent sensors increase economy wherever 24-hour lighting is mandatory but not continually needed.



# DAMP PROOF SENSOR LIGHT WHEN IT'S NEEDED



## FEATURES AT A GLANCE:

- Including configurable motion and daylight sensor
- Efficiency up to 139 lm/W
- Luminous flux up to 8 000 lm
- Life up to 50 000 hours<sup>1</sup>
- Flicker < 10 %
- IP65 protection

Are you looking for an easy-to-install solution to intelligently modernise the lighting of an industrial facility?

With the new DAMP PROOF SENSOR luminaire you can easily set up a network based on the leader-follower or leader-leader principle.

What's more, the sensor's detection area, hold time and daylight threshold can be conveniently adjusted using toggle switches. This means that in no time at all you can adapt the lighting to individual needs on site, increase the facility's economy enormously and provide light when it is really needed.

<sup>1</sup>t [h]: L80/B10 @ 25°C (T<sub>a</sub>)

## SENSOR CONFIGURATION

### SWITCHES 1 AND 2: DETECTION AREA

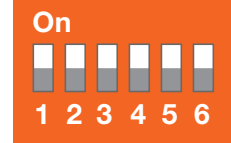
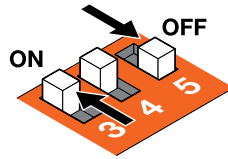
The RF signal penetrates walls so movements outside the room could also activate the lighting if the detection area is too big. It is therefore important to configure the luminaire correctly for economic operation.

### SWITCHES 3 AND 4: HOLD TIME

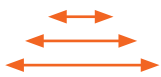
The hold time is the time that the light stays on 100 % after moving objects have left the detection area.

### SWITCHES 5 AND 6: DAYLIGHT THRESHOLD

When the daylight function is activated the sensor is only triggered by movement if the ambient brightness is lower than the set lux value. When the daylight function is deactivated the sensor always reacts when movement is recognised.



#### DETECTION AREA



| 1  | 2  |       |
|----|----|-------|
| ON | ON | 100 % |
| –  | ON | 75 %  |
| ON | –  | 50 %  |
| –  | –  | 10 %  |

#### HOLD TIME

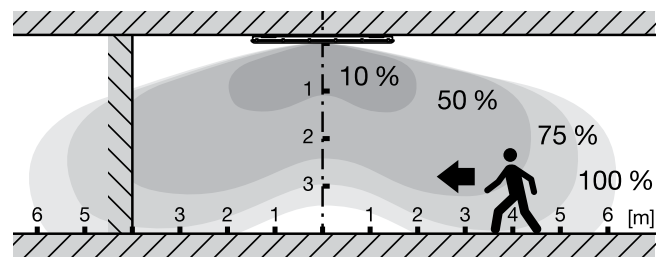
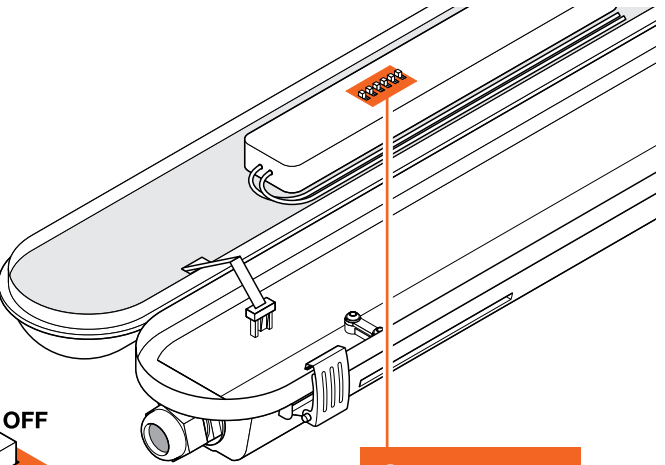


| 3  | 4  |        |
|----|----|--------|
| ON | ON | 5 s    |
| –  | ON | 90 s   |
| ON | –  | 5 min  |
| –  | –  | 15 min |

#### DAYLIGHT THRESHOLD



| 5  | 6  |         |
|----|----|---------|
| ON | ON | Disable |
| –  | ON | 50 lux  |
| ON | –  | 10 lux  |
| –  | –  | 2 lux   |



## INTELLIGENT CONNECTION OPTIONS FOR LARGE FACILITIES

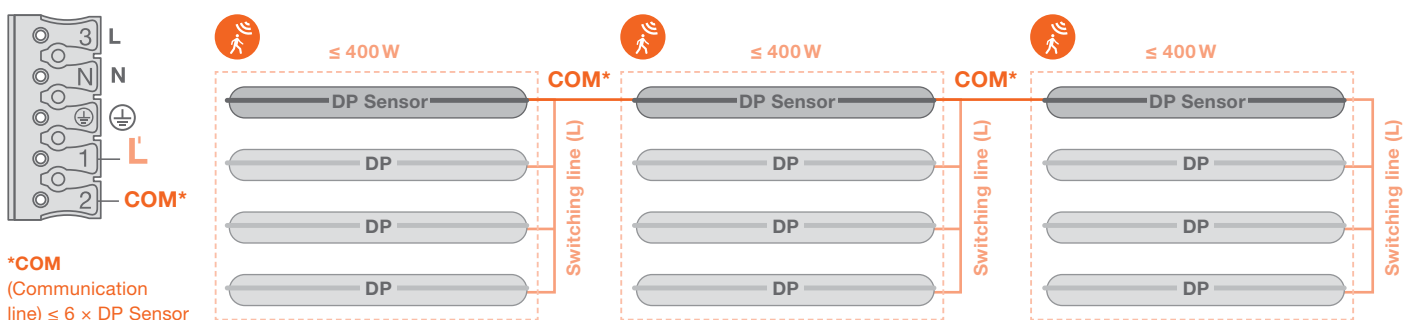
### LEADER-FOLLOWER PRINCIPLE

A DAMP PROOF SENSOR (leader) is linked with several DAMP PROOF luminaires without sensors (followers). The sensor of the leader luminaire then activates all the luminaires connected to L'. A maximum of 400 watts can be activated per DAMP PROOF SENSOR. So the number of luminaires that can be linked with each other in the leader-follower arrangement therefore depends on their output.

### LEADER-LEADER PRINCIPLE

Up to 6 DAMP PROOF SENSOR luminaires can be connected with each other via the communication line (COM) of the luminaires. It is then enough for one of the sensors to receive a motion signal to activate all the luminaires. At the same time, each of the linked DAMP PROOF SENSOR luminaires can control a leader-follower network.

### LEADER-FOLLOWER AND LEADER-LEADER FUNCTIONALITY



## DAMP PROOF SENSOR

Damp-proof luminaires, classic shape with high frequency sensor



### PRODUCT FEATURES

- High frequency sensor for daylight and motion detection
- Sensor with leader-follower and leader-leader functionality
- High luminous efficacy: up to 139 lm/W
- Beam angle: 110°

### PRODUCT BENEFITS

- Installation of multiple sensor switched luminaires possible due to leader-follower and leader-leader functionality
- Multiple adjustments of sensor range, daylight detection and hold time
- Low flicker  $\leq 10\%$
- Easy installation, no tools required for connection
- 5 years guarantee<sup>1</sup>

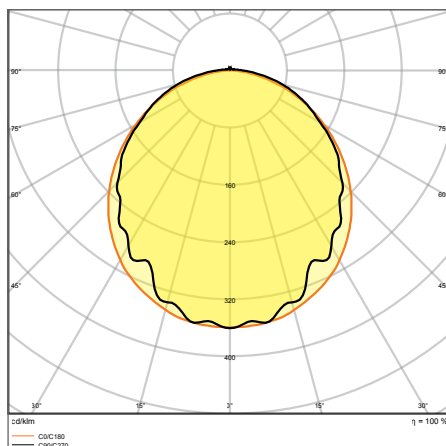
### AREAS OF APPLICATION

- Industrial and storage facilities
- Car parks and underpasses
- Garages
- Workshops, assembly lines

### EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available\*
- Mounting brackets, antitheft protection, triangle, 2nd cable gland and 2 grommets included

## FURTHER PRODUCT DETAILS



DP S 1200 32W 840 IP65 GY

\*Please note: available = available as an optional accessory. See accessories on [page 10](#).

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions.

The pictures shown in the catalog are for illustration purposes only. For information on size and colour, please refer to the product table.

## DAMP PROOF SENSOR

Damp-proof luminaires, classic shape with high frequency sensor

| Product name                         | Segmentation | GTIN (EAN)    | RE-PLACE FOR | W  | lm    | lm/W | K     | L70 <sup>1</sup> | L80 <sup>1</sup> |
|--------------------------------------|--------------|---------------|--------------|----|-------|------|-------|------------------|------------------|
| <b>NEW</b> DP S 1200 32W 840 IP65 GY | ■            | 4058075541962 | 2 × 36W FL   | 32 | 4 400 | 138  | 4 000 | 70 000           | 50 000           |
| <b>NEW</b> DP S 1500 46W 840 IP65 GY | ■            | 4058075541986 | 2 × 58W FL   | 46 | 6 400 | 139  | 4 000 | 70 000           | 50 000           |
| <b>NEW</b> DP S 1500 58W 840 IP65 GY | ■            | 4058075542006 | 2 × 70W FL   | 58 | 8 000 | 138  | 4 000 | 70 000           | 50 000           |

| Product name                         |     |      |        |      |      |       |  | L × W × H [mm]<br>Ø × H [mm] |
|--------------------------------------|-----|------|--------|------|------|-------|--|------------------------------|
| <b>NEW</b> DP S 1200 32W 840 IP65 GY | 110 | > 80 | < 10 % | IP65 | IK08 | 1 501 |  | 1 200 × 82 × 68              |
| <b>NEW</b> DP S 1500 46W 840 IP65 GY | 110 | > 80 | < 10 % | IP65 | IK08 | 1 812 |  | 1 500 × 82 × 68              |
| <b>NEW</b> DP S 1500 58W 840 IP65 GY | 110 | > 80 | < 10 % | IP65 | IK08 | 1 838 |  | 1 500 × 82 × 68              |

## SENSOR PROPERTIES

| Product name              | Type of sensor | Sensor technology | Detection threshold of daylight sensor | Detection range of motion sensor | Sensor detection angle | Sensor controlled switching time |
|---------------------------|----------------|-------------------|----------------------------------------|----------------------------------|------------------------|----------------------------------|
| DP S 1200 32W 840 IP65 GY | Motion/Light   | Microwave         | 2...50 lx                              | 6...14 m                         | < 150 °                | 5 s...15 min                     |
| DP S 1500 46W 840 IP65 GY | Motion/Light   | Microwave         | 2...50 lx                              | 6...14 m                         | < 150 °                | 5 s...15 min                     |
| DP S 1500 58W 840 IP65 GY | Motion/Light   | Microwave         | 2...50 lx                              | 6...14 m                         | < 150 °                | 5 s...15 min                     |

<sup>1</sup> t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)/t [h]: L80/B10 @ 25 °C (T<sub>a</sub>)

# DAMP PROOF ACCESSORIES

Through-wiring kits for DP GEN 4



- Through-wiring kits with tool-free connectors
- Easy installation and tool-free electrical connection
- 5 × 2.5 mm² cables with tool-free connector incl. EMI filter and cable gland inserts for 10 – 14 mm cables



| Product name |                      | GTIN (EAN)    |  | L × W × H [mm]<br>Ø × H [mm] |  MATERIAL |  |
|--------------|----------------------|---------------|---------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| NEW          | DP 1200 TH-KIT 5X2.5 | 4058075695030 | 220                                                                                   | 1 045 × 50                   | Polycarbonate (PC)                                                                             | 1                                                                                     |
| NEW          | DP 1500 TH-KIT 5X2.5 | 4058075695054 | 245                                                                                   | 1 200 × 50                   | Polycarbonate (PC)                                                                             | 1                                                                                     |

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions

The pictures shown in the catalog are for illustration purposes only. For information on size and colour, please refer to the product table.





# LOW BAY FLEX

## A MULTI-TALENTED SOLUTION FOR CEILINGS UP TO 10 METRES HIGH

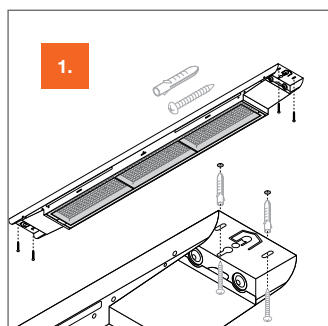
The new LOW BAY FLEX luminaires are designed for warehouses and logistics centers as well as production lines with ceiling heights between 4 and 10 meters. This easy-to-install solution offers high efficiency of up to 160 lm/W and a life of up to 100 000 hours.<sup>1</sup>

It covers many different applications thanks to various mounting options and 3 beam angles. Tool-free open/close end caps, pre-mounted clamps for strain relief and complete through-wiring make installation effortless for larger installations.

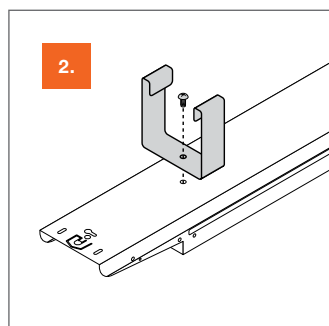


## INSTALLATION MADE EASY

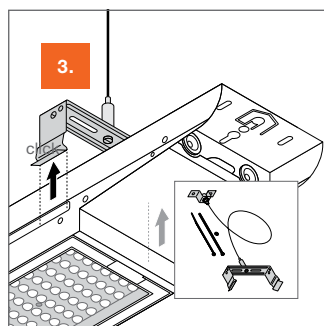
Whatever the local conditions, the various mounting options for LOW BAY FLEX mean you can always find a simple and professional solution.



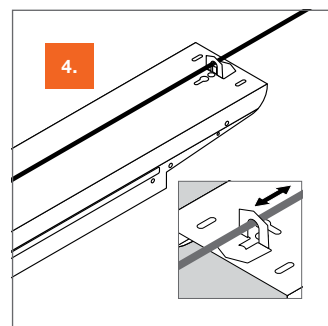
Direct ceiling mount



With brackets\*



Hanging cable suspension via separately available-to-order suspension kit

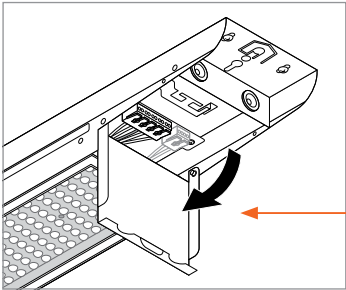


Through-cable suspension

\* not included  
<sup>1</sup> t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)

## CONVENIENT AND TIME-SAVING: WIRING

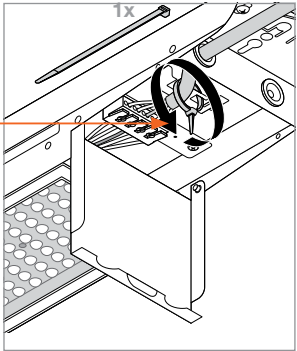
The end caps can be opened and the electrical wiring can be connected without any tools. And the pre-mounted clamp for strain relief makes installation even easier.



Tool-free open/close end caps giving access to electrical connectors



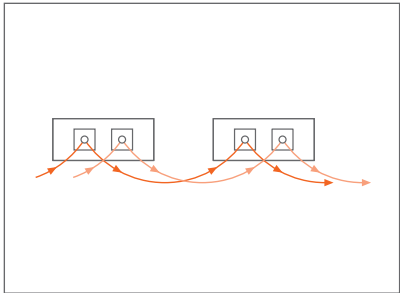
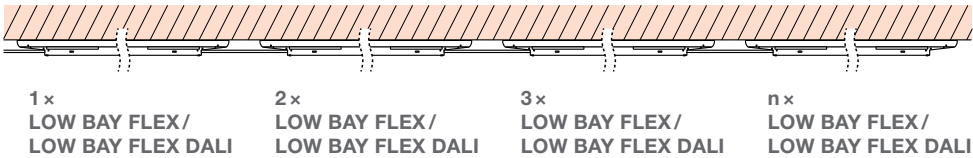
Tool-free electrical connectors



Pre-mounted clamp for power cable strain relief via simple cable clip (not included)

## COMPLETE THROUGH-WIRING POSSIBLE

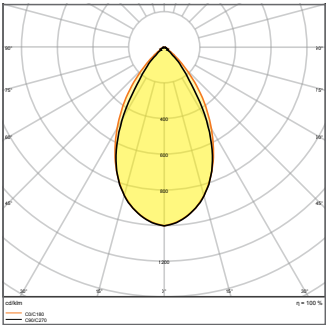
LOW BAY FLEX luminaires are well equipped for complete through-wiring – in both ON/OFF and DALI operation.



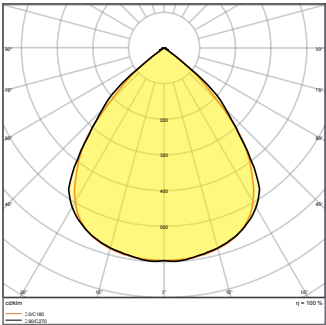
|                                | B16 | C10 | C16 |
|--------------------------------|-----|-----|-----|
| LOW BAY FLEX 1200 P 42 W       | 18  | 14  | 23  |
| LOW BAY FLEX 1200 DALI P 42 W  | 9   | 8   | 12  |
| LOW BAY FLEX 1200 P 73 W       | 17  | 13  | 22  |
| LOW BAY FLEX 1200 DALI P 73 W  | 27  | 23  | 36  |
| LOW BAY FLEX 1500 P 105 W      | 21  | 16  | 27  |
| LOW BAY FLEX 1500 DALI P 105 W | 27  | 17  | 28  |

## THREE BEAM ANGLES FOR EVERY NEED

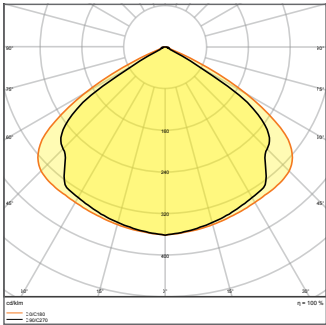
For narrow warehouse aisles, open packaging areas and everything in between, the LOW BAY FLEX covers many different application needs with its three narrow (N), wide (W) and very wide (VW) beam angles.



N = Narrow (60°)



W = Wide (90°)



VW = Very wide (120°)

### Coming soon:

Ball-proof versions for use in indoor sporting facilities or applications where increased physical robustness is required.

## LOW BAY FLEX

Low-bay luminaires with attractive linear design, up to 160 lm/W



### PRODUCT FEATURES

- Different luminous flux and beam angle for mounting heights of ~4m to ~10m in 4000 K
- Through-wiring cable already installed
- Long lifetime (L80/B10): up to 100000h
- High colour consistency:  $\leq 3$  SDCM

### PRODUCT BENEFITS

- Economical thanks to high luminous efficacy up to 160 lm/W
- Easy and quick installation thanks to toolless connector box with 5- and 7-pole terminals
- Modern and robust design
- 5 years guarantee<sup>1</sup>

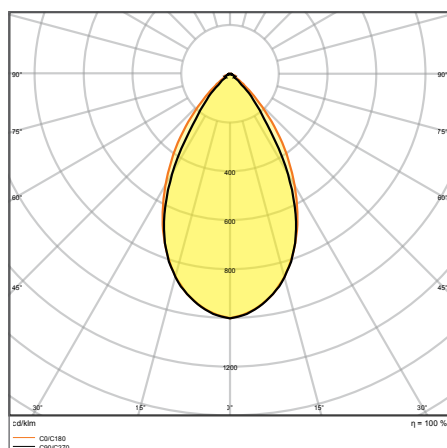
### AREAS OF APPLICATION

- Replacement for luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industrial and storage facilities
- Discounters, supermarkets

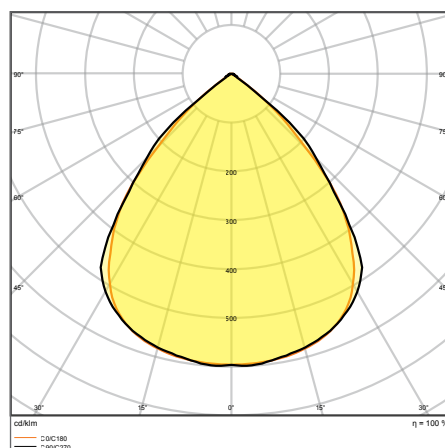
### EQUIPMENT / ACCESSORIES

- Suspension kit available as separate accessory\*

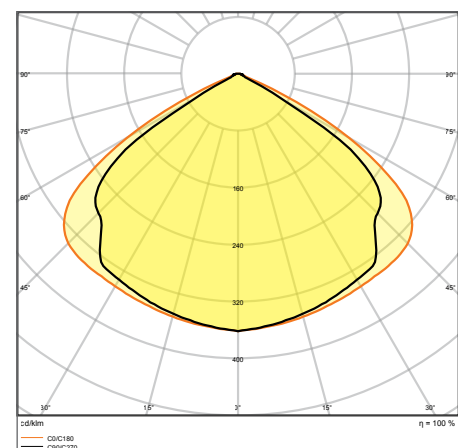
## FURTHER PRODUCT DETAILS



LB FLEX 1500 P 105W 840 N



LB FLEX 1500 P 105W 840 W



LB FLEX 1500 P 105W 840 VW

\*Please note: available = available as an optional accessory. See accessories on [page 16](#).

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions

## LOW BAY FLEX

Low-bay luminaires with attractive linear design, up to 160 lm/W

| Product name                        | Segmentation | GTIN (EAN)    | RE-PLACE FOR | W   | lm     | lm/W | K     | L70 <sup>1</sup> | L80 <sup>1</sup> |
|-------------------------------------|--------------|---------------|--------------|-----|--------|------|-------|------------------|------------------|
| NEW LB FLEX 1200 P 42W 840 W        | ■            | 4058075676060 | 2 × 58W FL   | 42  | 6 510  | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 P 42W 840 VW       | ■            | 4058075676084 | 2 × 58W FL   | 42  | 6 510  | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 P 73W 840 W        | ■            | 4058075676107 | 4 × 58W FL   | 73  | 11 315 | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 P 73W 840 VW       | ■            | 4058075676121 | 4 × 58W FL   | 73  | 11 315 | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 P 105W 840 N       | ■            | 4058075676244 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 P 105W 840 W       | ■            | 4058075676268 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 P 105W 840 VW      | ■            | 4058075676282 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 DALI P 42W 840 W   | ■            | 4058075676145 | 2 × 58W FL   | 42  | 6 510  | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 DALI P 42W 840 VW  | ■            | 4058075676169 | 2 × 58W FL   | 42  | 6 510  | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 DALI P 73W 840 W   | ■            | 4058075676206 | 4 × 58W FL   | 73  | 11 315 | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1200 DALI P 73W 840 VW  | ■            | 4058075676220 | 4 × 58W FL   | 73  | 11 315 | 155  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 DALI P 105W 840 N  | ■            | 4058075676305 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 DALI P 105W 840 W  | ■            | 4058075676329 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |
| NEW LB FLEX 1500 DALI P 105W 840 VW | ■            | 4058075676343 | 4 × 80W FL   | 105 | 16 800 | 160  | 4 000 | 100 000          | 100 000          |

| Product name                        |     |       | CRI  | FLICKER VALUE | IP   | IK   |       | L × W × H [mm]<br>Ø × H [mm] |
|-------------------------------------|-----|-------|------|---------------|------|------|-------|------------------------------|
| NEW LB FLEX 1200 P 42W 840 W        | 90  | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 3 400 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 P 42W 840 VW       | 120 | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 3 400 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 P 73W 840 W        | 90  | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 3 400 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 P 73W 840 VW       | 120 | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 3 400 | 1 236 × 115 × 65             |
| NEW LB FLEX 1500 P 105W 840 N       | 60  | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 4 450 | 1 527 × 115 × 65             |
| NEW LB FLEX 1500 P 105W 840 W       | 90  | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 4 450 | 1 527 × 115 × 65             |
| NEW LB FLEX 1500 P 105W 840 VW      | 120 | —     | ≥ 80 | < 10 %        | IP23 | IK08 | 4 450 | 1 527 × 115 × 65             |
| NEW LB FLEX 1200 DALI P 42W 840 W   | 90  | DALI  | ≥ 80 | < 10 %        | IP23 | IK08 | 3 500 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 DALI P 42W 840 VW  | 120 | DALI  | ≥ 80 | < 10 %        | IP23 | IK08 | 3 500 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 DALI P 73W 840 W   | 90  | DALI2 | ≥ 80 | < 10 %        | IP23 | IK08 | 3 500 | 1 236 × 115 × 65             |
| NEW LB FLEX 1200 DALI P 73W 840 VW  | 120 | DALI2 | ≥ 80 | < 10 %        | IP23 | IK08 | 3 500 | 1 236 × 115 × 65             |
| NEW LB FLEX 1500 DALI P 105W 840 N  | 60  | DALI2 | ≥ 80 | < 10 %        | IP23 | IK08 | 4 200 | 1 527 × 115 × 65             |
| NEW LB FLEX 1500 DALI P 105W 840 W  | 90  | DALI2 | ≥ 80 | < 10 %        | IP23 | IK08 | 4 200 | 1 527 × 115 × 65             |
| NEW LB FLEX 1500 DALI P 105W 840 VW | 120 | DALI2 | ≥ 80 | < 10 %        | IP23 | IK08 | 4 200 | 1 527 × 115 × 65             |

<sup>1</sup> t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)/t [h]: L80/B10 @ 25 °C (T<sub>a</sub>)

■ SUPERIOR CLASS

■ PERFORMANCE CLASS

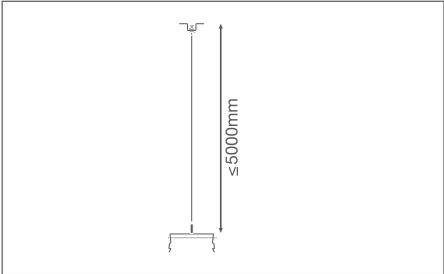
■ VALUE CLASS

# LOW BAY FLEX ACCESSORIES

Suspension kit for LOW BAY FLEX



- Wire suspension with bracket and 5 m adjustable steel cable
- Easy installation with click-in suspension brackets



| Product name |                            | GTIN (EAN)    |  | L x W x H [mm]<br>Ø x H [mm] | MATERIAL |  |
|--------------|----------------------------|---------------|---------------------------------------------------------------------------------------|------------------------------|----------|---------------------------------------------------------------------------------------|
| NEW          | LB FLEX SUSPENSION KIT BT1 | 4058075693722 | 240                                                                                   | 125 x 30 x 46                | Steel    | 1                                                                                     |



# HIGH BAY GEN 4 SENSOR

## EFFICIENT LIGHT FOR HIGH CEILINGS



The new sensor version of HIGH BAY GEN 4 enables you to implement intelligent lighting even in warehouses, industrial facilities and logistics centers with ceiling heights of up to approximately 12 metres with minimal effort.

Thanks to its built-in corridor function, the new HIGH BAY automatically increases its luminous intensity as soon as a person enters the room. When no one is present, it decreases the luminous intensity after a certain time. You can easily set hold time and threshold and dimming values in preprogrammed steps using toggle switches on the luminaire.

And the optional remote control allows advanced setting of light levels and timings easily from the ground, as well as quick transfer of the final configuration settings to all other installed HIGH BAY SENSOR luminaires effortlessly with just one click.

## QUICK AND CONVENIENT: CONFIGURATION VIA REMOTE CONTROL

A separate remote control is available for the HIGH BAY SENSOR. It can be used to easily apply extended sensor settings from the ground even after installation. The remote control overrides the toggle switch defined configuration on the luminaire.

The memory function of the remote control is particularly convenient and time-saving. It allows you to save the settings of one HIGH BAY SENSOR and transfer this configuration to all the other HIGH BAY SENSOR luminaires in your installation with just one click.

**On/Off**

**Start** the remote setting process

**Save** your remote setting

**Test** your remote setting

**Manual switching**, dimming and setting default features

**Detection range:** 25 %, 50 %, 75 %, 100 %

**Hold time:** 5 s, 30 s, 1 min, 3 min, 10 min, 20 min, 30 min

**Stand-by-dimming level:** 10 %, 20 %, 35 %, 50 %

**Stand-by-period:** 10 s, 30 s, 1 min, 3 min, 30 min

**Daylight sensor:** 10 lx, 30 lx, 50 lx, 100 lx, 200 lx, Disable

## SIMPLE BASIC CONFIGURATION DIRECTLY ON THE SENSOR

### SWITCH 1: DETECTION AREA

In this area the RF sensor detects movement.

### SWITCHES 2 AND 3: HOLD TIME

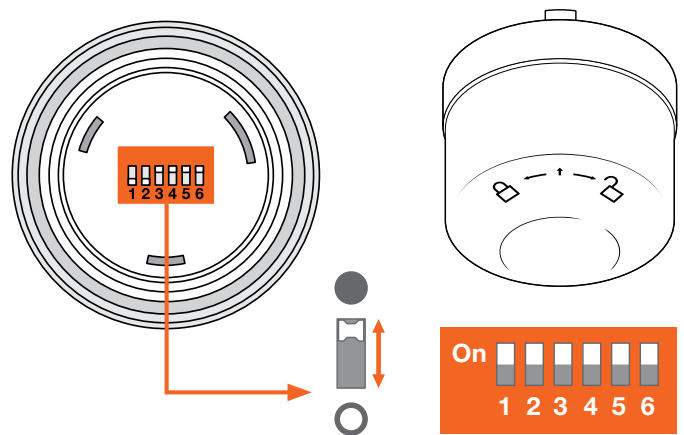
During this time, the light is still switched on 100 % after moving objects have left the detection area.

### SWITCH 4: DAYLIGHT THRESHOLD

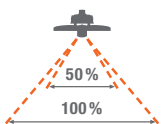
Here you can define the sensor's dependence on daylight. When the daylight function is activated the motion sensor does not react until the ambient brightness is below 100 lux. When it is deactivated the sensor always reacts to movement.

### SWITCHES 5 AND 6: DIMMING LEVEL

The luminaire dims to this defined brightness value during standby after the set hold time has elapsed.



#### DETECTION AREA



| 1 |       |
|---|-------|
| ● | 100 % |
| ○ | 5 %   |

#### HOLD TIME



| 2 | 3 |        |
|---|---|--------|
| ● | ● | 30s    |
| ● | ○ | 1 min  |
| ○ | ● | 5 min  |
| ○ | ○ | 10 min |

#### DAYLIGHT SENSOR

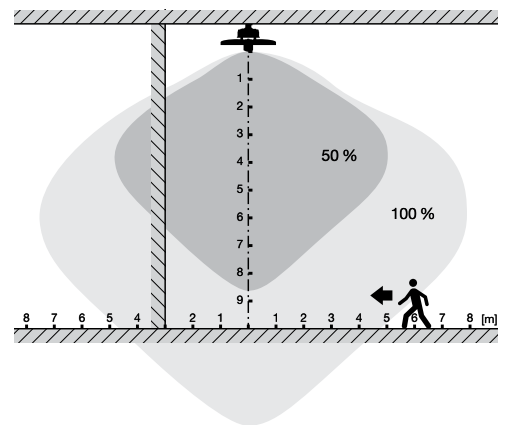


| 4 |         |
|---|---------|
| ● | Disable |
| ○ | 100 lux |

#### DIMMING LEVEL



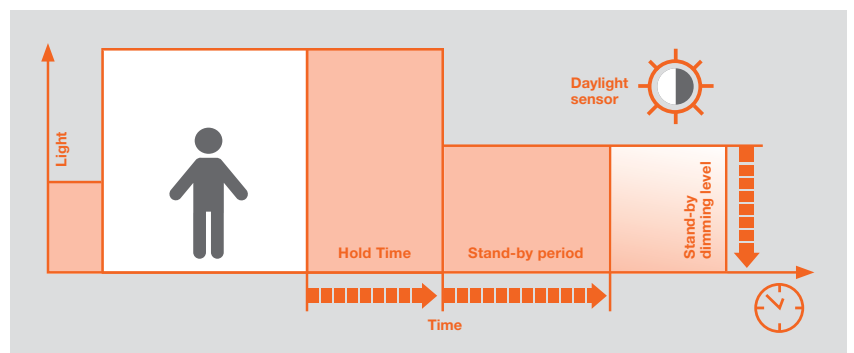
| 5 | 6 |      |
|---|---|------|
| ● | ● | Off  |
| ○ | ● | 10 % |
| ● | ○ | 30 % |



## ECONOMICAL THANKS TO INTELLIGENT CORRIDOR FUNCTION

Wherever 24-hour lighting is required the corridor function helps to efficiently provide the necessary light.

The lighting can be activated depending on presence and, if required, on daylight to suit individual requirements. If it does not detect presence it will dim to the set level or switch off completely for a certain time.



## HIGH BAY GEN 4

High bay luminaires up to 150 lm/W and attractive UGR



1



2



2



2



1

### PRODUCT FEATURES

- High frequency sensor for daylight and motion detection
- Different luminous flux and beam angle for mounting heights of ~6m to 14m in 4000K or 6500K or ~6m to 10m in 4000K for sensor version

### PRODUCT BENEFITS

- High luminous efficacy
- Energy savings of up to 64 % compared to conventional high bay luminaires
- 5 years guarantee<sup>1</sup>
- Suitable for use in dusty and damp locations thanks to high IP rating
- Multiple adjustments of sensor range, daylight detection and hold time on sensor version

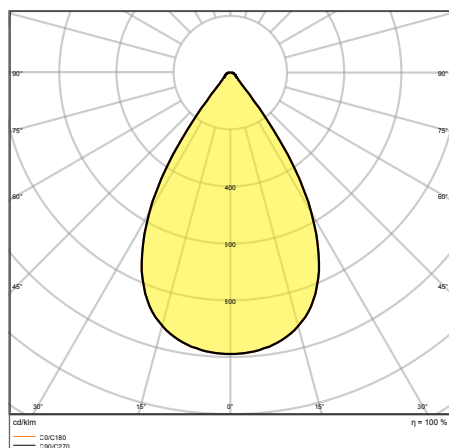
### AREAS OF APPLICATION

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

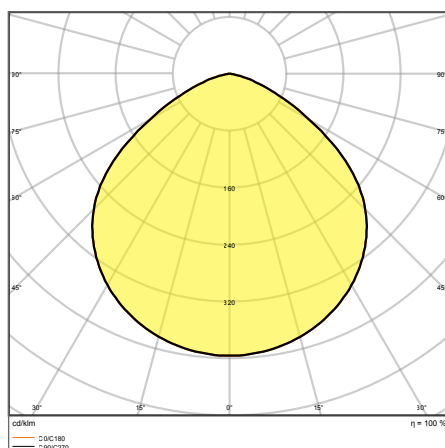
### EQUIPMENT / ACCESSORIES

- Mounting brackets, reflectors and refractors available as separate accessory\*
- Mounting hook included

## FURTHER PRODUCT DETAILS



HB P 87W 840 70DEG IP65



HB P 87W 840 110DEG IP65

\*Please note: available = available as an optional accessory. See accessories on page 24. High Bay Sensor luminaires include bracket.

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions.

<sup>2</sup>Versions with sensor available.

## HIGH BAY GEN 4

High bay luminaires up to 150 lm/W and attractive UGR

| Product name                  | Segmentation | GTIN (EAN)    | RE-PLACE FOR | W   | lm     | lm/W | K     | L70 <sup>1</sup> | L80 <sup>1</sup> |
|-------------------------------|--------------|---------------|--------------|-----|--------|------|-------|------------------|------------------|
| NEW HB P 87W 840 70DEG IP65   | ■            | 4058075692787 | 250W HID     | 87  | 13 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB P 87W 840 110DEG IP65  | ■            | 4058075692718 | 250W HID     | 87  | 13 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB P 87W 865 70DEG IP65   | ■            | 4058075692855 | 250W HID     | 87  | 13 000 | 150  | 6 500 | 80 000           | 50 000           |
| NEW HB P 87W 865 110DEG IP65  | ■            | 4058075692848 | 250W HID     | 87  | 13 000 | 150  | 6 500 | 80 000           | 50 000           |
| NEW HB P 147W 840 70DEG IP65  | ■            | 4058075692800 | 400W HID     | 147 | 22 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB P 147W 840 110DEG IP65 | ■            | 4058075692794 | 400W HID     | 147 | 22 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB P 147W 865 110DEG IP65 | ■            | 4058075692862 | 400W HID     | 147 | 22 000 | 150  | 6 500 | 80 000           | 50 000           |
| NEW HB P 190W 840 70DEG IP65  | ■            | 4058075692824 | 500W HID     | 190 | 27 000 | 140  | 4 000 | 80 000           | 50 000           |
| NEW HB P 190W 840 110DEG IP65 | ■            | 4058075692817 | 500W HID     | 190 | 27 000 | 140  | 4 000 | 80 000           | 50 000           |
| NEW HB P 190W 865 70DEG IP65  | ■            | 4058075692879 | 500W HID     | 190 | 27 000 | 140  | 6 500 | 80 000           | 50 000           |
| NEW HB P 210W 840 70DEG IP65  | ■            | 4058075692831 | 500W HID     | 210 | 30 000 | 140  | 4 000 | 80 000           | 50 000           |
| NEW HB P 210W 865 70DEG IP65  | ■            | 4058075692886 | 500W HID     | 210 | 30 000 | 140  | 6 500 | 80 000           | 50 000           |

| Product name |                           |  |  |  |  |  |  |  | L x W x H [mm]<br>Ø x H [mm] |  |
|--------------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|
| NEW          | HB P 87W 840 70DEG IP65   | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 264                                                                               | 1 500                                                                               | 280 x 155                    | 1                                                                                   |
| NEW          | HB P 87W 840 110DEG IP65  | 110                                                                               | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 264                                                                               | 1 500                                                                               | 280 x 155                    | 1                                                                                   |
| NEW          | HB P 87W 865 70DEG IP65   | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 264                                                                               | 1 500                                                                               | 280 x 155                    | 1                                                                                   |
| NEW          | HB P 87W 865 110DEG IP65  | 110                                                                               | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 264                                                                               | 1 500                                                                               | 280 x 155                    | 1                                                                                   |
| NEW          | HB P 147W 840 70DEG IP65  | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 554                                                                               | 1 500                                                                               | 321 x 152                    | 1                                                                                   |
| NEW          | HB P 147W 840 110DEG IP65 | 110                                                                               | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 554                                                                               | 1 500                                                                               | 321 x 152                    | 1                                                                                   |
| NEW          | HB P 147W 865 110DEG IP65 | 110                                                                               | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 554                                                                               | 1 500                                                                               | 321 x 152                    | 1                                                                                   |
| NEW          | HB P 190W 840 70DEG IP65  | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 830                                                                               | 1 500                                                                               | 321 x 156                    | 1                                                                                   |
| NEW          | HB P 190W 840 110DEG IP65 | 110                                                                               | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 830                                                                               | 1 500                                                                               | 321 x 156                    | 1                                                                                   |
| NEW          | HB P 190W 865 70DEG IP65  | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 830                                                                               | 1 500                                                                               | 321 x 156                    | 1                                                                                   |
| NEW          | HB P 210W 840 70DEG IP65  | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 830                                                                               | 1 500                                                                               | 321 x 156                    | 1                                                                                   |
| NEW          | HB P 210W 865 70DEG IP65  | 70                                                                                | ≥80                                                                               | < 5 %                                                                             | IP65                                                                                | IK08                                                                                | 2 830                                                                               | 1 500                                                                               | 321 x 156                    | 1                                                                                   |

## HIGH BAY SENSOR GEN 4

High bay luminaires in IP65 with high frequency sensor

| Product name                      | Segmentation | GTIN (EAN)    | RE-PLACE FOR | W   | lm     | lm/W | K     | L70 <sup>1</sup> | L80 <sup>1</sup> |
|-----------------------------------|--------------|---------------|--------------|-----|--------|------|-------|------------------|------------------|
| NEW HB SEN P 87W 840 110DEG IP65  | ■            | 4058075603257 | 250W HID     | 87  | 13 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB SEN P 147W 840 70DEG IP65  | ■            | 4058075603271 | 400W HID     | 147 | 22 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB SEN P 147W 840 110DEG IP65 | ■            | 4058075603264 | 400W HID     | 147 | 22 000 | 150  | 4 000 | 80 000           | 50 000           |
| NEW HB SEN P 190W 840 110DEG IP65 | ■            | 4058075603288 | 500W HID     | 190 | 27 000 | 140  | 4 000 | 80 000           | 50 000           |

| Product name |                               |  |  |  |  |  |  | L x W x H [mm]<br>Ø x H [mm] |  |
|--------------|-------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|
| NEW          | HB SEN P 87W 840 110DEG IP65  | 110                                                                                 | ≥ 80                                                                                | IP65                                                                                  | IK08                                                                                  | 2 242                                                                                 | 1 500                                                                                 | 280 x 190                    | 2                                                                                     |
| NEW          | HB SEN P 147W 840 70DEG IP65  | 70                                                                                  | ≥ 80                                                                                | IP65                                                                                  | IK08                                                                                  | 2 690                                                                                 | 1 500                                                                                 | 321 x 188                    | 2                                                                                     |
| NEW          | HB SEN P 147W 840 110DEG IP65 | 110                                                                                 | ≥ 80                                                                                | IP65                                                                                  | IK08                                                                                  | 2 570                                                                                 | 1 500                                                                                 | 321 x 188                    | 2                                                                                     |
| NEW          | HB SEN P 190W 840 110DEG IP65 | 110                                                                                 | ≥ 80                                                                                | IP65                                                                                  | IK08                                                                                  | 2 840                                                                                 | 1 500                                                                                 | 321 x 192                    | 2                                                                                     |

## SENSOR PROPERTIES

| Product name                      | Type of sensor | Sensor technology | Detection threshold of daylight sensor | Detection range of motion sensor | Sensor detection angle | Sensor controlled switching time |
|-----------------------------------|----------------|-------------------|----------------------------------------|----------------------------------|------------------------|----------------------------------|
| NEW HB SEN P 87W 840 110DEG IP65  | Motion/Light   | Microwave         | 100 lx                                 | 6...15 m                         | < 150 °                | 30 s...10 min                    |
| NEW HB SEN P 147W 840 70DEG IP65  | Motion/Light   | Microwave         | 100 lx                                 | 6...15 m                         | < 150 °                | 30 s...10 min                    |
| NEW HB SEN P 147W 840 110DEG IP65 | Motion/Light   | Microwave         | 100 lx                                 | 6...15 m                         | < 150 °                | 30 s...10 min                    |
| NEW HB SEN P 190W 840 110DEG IP65 | Motion/Light   | Microwave         | 100 lx                                 | 6...15 m                         | < 150 °                | 30 s...10 min                    |

<sup>1</sup> t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)/t [h]: L80/B10 @ 25 °C (T<sub>a</sub>)

■ SUPERIOR CLASS

■ PERFORMANCE CLASS

■ VALUE CLASS

## HIGH BAY COMPACT

High bay luminaires up to 120 lm/W



VALUE  
CLASS



### PRODUCT FEATURES

- Operating temperature:  $-20 \dots 45 \text{ }^{\circ}\text{C}$
- Black aluminum housing, tempered glass cover
- Opal cover
- Type of protection: IP65
- Lifetime (L70): up to 50 000 h
- High luminous efficacy: up to 120 lm/W

### PRODUCT BENEFITS

- Modern exclusive design
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 3 years guarantee<sup>1</sup>
- Optimized weight and size due to compact design

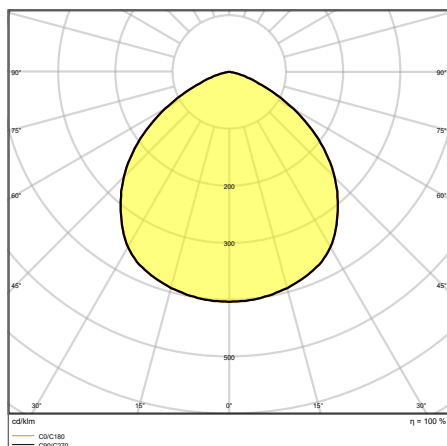
### AREAS OF APPLICATION

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

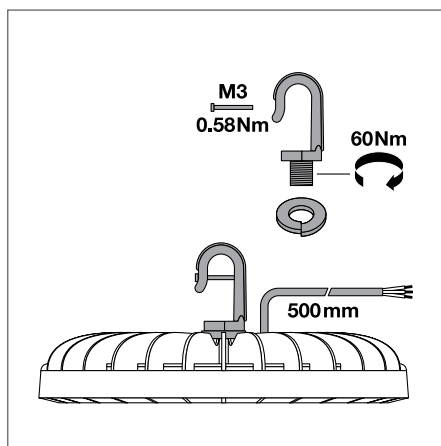
### EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available\*

## FURTHER PRODUCT DETAILS



HB COMP V 83W 840 110DEG IP65



\*Please note: available = available as an optional accessory. See accessories on [page 25](#).

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions.

The pictures shown in the catalog are for illustration purposes only. For information on size and colour, please refer to the product table.

## HIGH BAY COMPACT

High bay luminaires up to 120 lm/W

| Product name                                  | Segmentation | GTIN (EAN)    | RE-PLACE FOR | W   | lm     | K     | L70 <sup>1</sup> | L80 <sup>1</sup> |
|-----------------------------------------------|--------------|---------------|--------------|-----|--------|-------|------------------|------------------|
| <b>NEW</b> HB COMP V 83W 840 110DEG IP65 VS1  | ■            | 4058075708174 | 250W HID     | 83  | 10 000 | 4 000 | 50 000           | 45 000           |
| <b>NEW</b> HB COMP V 83W 865 110DEG IP65 VS1  | ■            | 4058075708211 | 250W HID     | 83  | 10 000 | 6 500 | 50 000           | 45 000           |
| <b>NEW</b> HB COMP V 133W 840 110DEG IP65 VS1 | ■            | 4058075708181 | 400W HID     | 133 | 16 000 | 4 000 | 50 000           | 45 000           |
| <b>NEW</b> HB COMP V 166W 840 110DEG IP65 VS1 | ■            | 4058075708198 | 500W HID     | 166 | 20 000 | 4 000 | 50 000           | 45 000           |
| <b>NEW</b> HB COMP V 166W 865 110DEG IP65 VS1 | ■            | 4058075708228 | 500W HID     | 166 | 20 000 | 6 500 | 50 000           | 45 000           |
| <b>NEW</b> HB COMP V 225W 840 110DEG IP65 VS1 | ■            | 4058075708204 | 500W HID     | 225 | 27 000 | 4 000 | 50 000           | 45 000           |

| Product name |                                    |  |  |  |  |  |  |  | L x W x H [mm]<br>Ø x H [mm] |
|--------------|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|
| NEW          | HB COMP V 83W 840 110DEG IP65 VS1  | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 800                                                                                 | 500                                                                                 | 180 x 50                     |
| NEW          | HB COMP V 83W 865 110DEG IP65 VS1  | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 800                                                                                 | 500                                                                                 | 180 x 50                     |
| NEW          | HB COMP V 133W 840 110DEG IP65 VS1 | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 1 100                                                                               | 500                                                                                 | 220 x 50                     |
| NEW          | HB COMP V 166W 840 110DEG IP65 VS1 | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 1 500                                                                               | 500                                                                                 | 260 x 50                     |
| NEW          | HB COMP V 166W 865 110DEG IP65 VS1 | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 1 500                                                                               | 500                                                                                 | 260 x 50                     |
| NEW          | HB COMP V 225W 840 110DEG IP65 VS1 | 110                                                                               | > 80                                                                              | < 20 %                                                                              | IP65                                                                                | IK06                                                                                | 2 000                                                                               | 500                                                                                 | 300 x 50                     |

<sup>1</sup> t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)/t [h]: L80/B10 @ 25 °C (T<sub>a</sub>)

■ SUPERIOR CLASS

■ PERFORMANCE CLASS

■ VALUE CLASS

## HIGH BAY GEN 4 ACCESSORIES

Reflectors, refractors, mounting and sensor accessories for HIGH BAY GEN 4 luminaires



1



2



3



4

- High quality aluminum reflector
- High quality polycarbonate refractor
- Brackets made of black steel with adjustable swivel angle:  $\pm 90^\circ$ \*
- Remote control for advanced Sensor settings



| Product name                                   | GTIN (EAN)    | L x W x H [mm]<br>Ø x H [mm] | MATERIAL           | COLOUR      |   |   |
|------------------------------------------------|---------------|------------------------------|--------------------|-------------|---|---|
| <b>NEW</b> HB ALU REFLECTOR 87W                | 4058075699397 | 415 x 205                    | Aluminum           | Silver      | 1 | 1 |
| <b>NEW</b> HB ALU REFLECTOR 147 190 210W       | 4058075699410 | 500 x 235                    | Aluminum           | Silver      | 1 | 1 |
| <b>NEW</b> HB PC REFRACTOR 87W                 | 4058075699359 | 413 x 205                    | Polycarbonate (PC) | Transparent | 1 | 2 |
| <b>NEW</b> HB PC REFRACTOR 147 190 210W        | 4058075699373 | 480 x 250                    | Polycarbonate (PC) | Transparent | 1 | 2 |
| <b>NEW</b> HB BRACKET 87 147 190 210W          | 4058075695191 | 138 x 35 x 150               | Steel              | Black       | 1 | 3 |
| <b>NEW</b> HB SENSOR REMOTE CONTROL 93W - 190W | 4058075611436 | 117 x 56 x 15                | Polycarbonate (PC) | —           | 1 | 4 |

\* Bracket only for standard types. Sensor types already include bracket.

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions

The pictures shown in the catalog are for illustration purposes only. For information on size and colour, please refer to the product table.

## HIGH BAY COMPACT ACCESSORIES

Reflectors and mounting accessories for HIGH BAY COMPACT luminaires



1



2

- Reflector Beam angle: 80°
- High-quality aluminum reflector
- Brackets made of black steel
- Bracket's adjustable swivel angle: ±60°



| Product name |                              | GTIN (EAN)    | L × W × H [mm]<br>Ø × H [mm] | MATERIAL | COLOUR | Beam angle [°] | Quantity | No. |
|--------------|------------------------------|---------------|------------------------------|----------|--------|----------------|----------|-----|
| NEW          | HB COMP V REFL 83W 80DEG SI  | 4058075715233 | 274 × 70                     | Aluminum | Silver | 80             | 2        | 1   |
| NEW          | HB COMP V REFL 133W 80DEG SI | 4058075715240 | 320 × 80                     | Aluminum | Silver | 80             | 2        | 1   |
| NEW          | HB COMP V REFL 166W 80DEG SI | 4058075715257 | 363 × 112                    | Aluminum | Silver | 80             | 2        | 1   |
| NEW          | HB COMP V REFL 225W 80DEG SI | 4058075715264 | 475 × 140                    | Aluminum | Silver | 80             | 2        | 1   |
| NEW          | HB COMP V BRACKET 83W        | 4058075715271 | 116 × 22 × 78                | Steel    | Black  | —              | 1        | 2   |
| NEW          | HB COMP V BRACKET 133W       | 4058075715295 | 152 × 22 × 108               | Steel    | Black  | —              | 1        | 2   |
| NEW          | HB COMP V BRACKET 166W       | 4058075715318 | 190 × 35 × 123               | Steel    | Black  | —              | 1        | 2   |
| NEW          | HB COMP V BRACKET 225W       | 4058075715332 | 233 × 35 × 138               | Steel    | Black  | —              | 1        | 2   |

<sup>1</sup>Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions

The pictures shown in the catalog are for illustration purposes only. For information on size and colour, please refer to the product table.

# WHENEVER AND WHEREVER: THE ONLINE PORTAL WITH ALL THE INFORMATION, ADVICE AND EXPERTISE

Are you looking for information about our products and services? LEDVANCE always keeps you up to date: at wholesalers, through our sales employees or via our Customer Service Center (email: [csc.uk@ledvance.com](mailto:csc.uk@ledvance.com)). Here you'll find an overview of our competencies, databases and tools.

## THE ONLINE TRAINING PLATFORM

A host of application-oriented eLearnings for professional users, practical advice on installation, integrated standards checks, planning tips, and much more.

Register and find out more at [training.ledvance.com](https://training.ledvance.com)



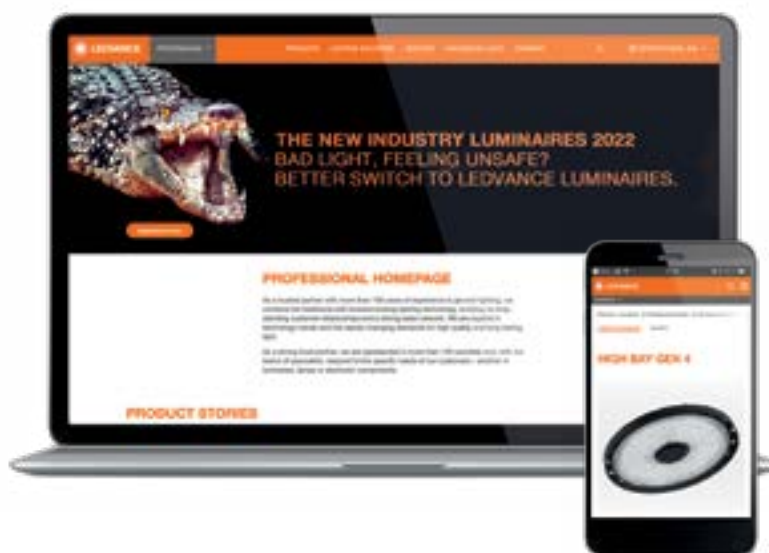
## FAST LIGHT CALCULATOR

The light calculation tool – calculate your luminaire project requirement really conveniently, taking account of relevant parameters such as room size.<sup>1</sup> Available directly in the e-catalog!

## LIGHT CALCULATION WITH DIALUX AND RELUX

DIALux and RELUX users can now also integrate LEDVANCE products really easily into their lighting planning. We also support users through consultancy, calculation and aftersales support.

<sup>1</sup> The Fast Light Calculation Tool is no substitute for comprehensive professional planning with DIALux or any other professional light planning software.



- ▶ **PERFECTLY FILTERED**  
Use the online filters to find precisely what you're looking for in our luminaire portfolio – type of mounting, IP rating, light colour, etc.: [ledvance.co.uk/luminaires](https://ledvance.co.uk/luminaires)
- ▶ **REFERENCES PROVIDE INSPIRATION**  
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Our specialized sales department supports and advises our commercial end customers – including face-to-face. Find out all you need to know at [ledvance.co.uk/vam](https://ledvance.co.uk/vam)
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- ▶ **OUR TOOLS FOR YOU**  
From the LED Strip System Configurator to the TCO calculator for lamps, you will find all the practical tools you need at [ledvance.co.uk/tools](https://ledvance.co.uk/tools)
- ▶ **SERVICE AT A GLANCE**  
You will find a summary of all of our service offerings at [ledvance.co.uk/services](https://ledvance.co.uk/services)
- ▶ **FIND OUR LATEST NEWS ON:**



# SHEDDING LIGHT, SYMBOLS AND ABBREVIATIONS



Type of protection



Replacement for traditional lamp technology



IK impact rating



t [h]: L70/B50 @ 25 °C (T<sub>a</sub>)



Colour rendering index



t [h]: L80/B10 @ 25 °C (T<sub>a</sub>)



Dimmable or DALI



Beam angle in °



Luminous flux in lm



Weight



Power in W



Unit of packaging



Colour temperature in K



Recommended retail price



Luminous efficacy



Fig. no.



Guarantee



DALI versions



Colour



Protection class I



Material



ENEC certification



Sensor versions



TÜV Süd certification



Flicker Value



D-symbol certified (EN 60598-2-24)

## LIST OF ABBREVIATIONS

|              |                      |
|--------------|----------------------|
| <b>DP</b>    | Damp Proof           |
| <b>GY</b>    | Grey                 |
| <b>HB</b>    | High Bay             |
| <b>LB</b>    | Low Bay              |
| <b>MT</b>    | Manual Test          |
| <b>N</b>     | Narrow (beam angle)  |
| <b>P</b>     | Performance          |
| <b>S/SEN</b> | Sensor               |
| <b>TH</b>    | Through-wiring       |
| <b>UGR</b>   | Unified Glare Rating |
| <b>VAL</b>   | Value                |
| <b>VW</b>    | Very Wide Beam Angle |
| <b>W</b>     | Wide (90° beam)      |

## ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.



# LEDVANCE

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