

# PRODUCT DATASHEET

## FLOODLIGHT SL 135 W 4000 K IP65 BK

**FLOODLIGHT PHOTOCELL SENSOR 135 | Floodlight with symmetrical light output with 135 W and daylight sensor**



### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Garages
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

### PRODUCT BENEFITS

- Automatically switches on and off according to available daylight thanks to photocell light sensor
- Frosted cover made of tempered glass for uniform illumination
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Optimized weight and size due to compact design
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 5 years guarantee

### PRODUCT FEATURES

- Automatically switches on below 35 lux and off above 95 lux ambient light
- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Angled (30°) mounting bracket and up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK08 (IK07 Photocell sensor)



- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required

## TECHNICAL DATA

### Electrical data

|                               |                       |
|-------------------------------|-----------------------|
| Nominal wattage               | 135.00 W              |
| Operating mode                | Integrated LED driver |
| Nominal voltage               | 220...240 V           |
| Power factor $\lambda$        | > 0.90                |
| Mains frequency               | 50/60 Hz              |
| Inrush current                | 65.0 A                |
| Total harmonic distortion     | < 20 %                |
| Inrush current time $T_{h50}$ | 1000 $\mu$ s          |

### Luminaire control gear data

|                                          |        |
|------------------------------------------|--------|
| Output current                           | 790 mA |
| Max. no. of lum. on circuit break. B16 A | 10     |
| Max. no. of lum. on circuit break. C10 A | 8      |
| Max. no. of lum. on circuit break. C16 A | 13     |

### Photometrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Color temperature                    | 4000 K              |
| Luminous flux                        | 15000 lm            |
| Luminous efficacy                    | 110 lm/W            |
| Standard deviation of color matching | <5 sdc <sub>m</sub> |
| Light color (designation)            | Cool White          |
| Color rendering index Ra             | ≥80                 |

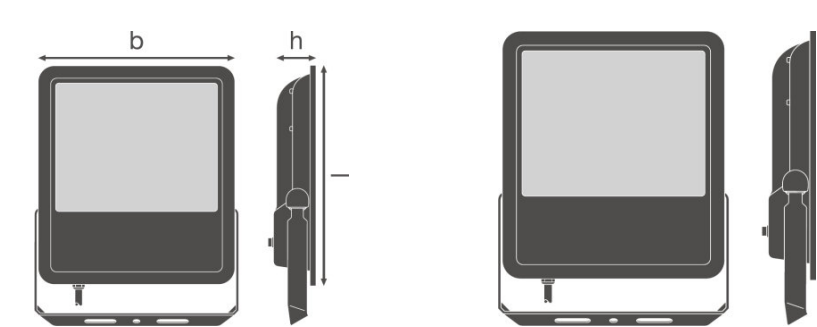
### Light technical data

|            |               |
|------------|---------------|
| Beam angle | 100 ° x 100 ° |
|------------|---------------|

### Luminaire sensor data

|                                        |            |
|----------------------------------------|------------|
| Type of sensor                         | Light      |
| Sensor technology                      | Photocell  |
| Detection threshold of daylight sensor | 35...95 lx |
| Sensor IP rating                       | IP65       |

Dimensions & weight



|                |           |
|----------------|-----------|
| Length         | 300.0 mm  |
| Width          | 270.0 mm  |
| Height         | 76.0 mm   |
| Product weight | 3900.00 g |
| Cable length   | 1000 mm   |

Colors & materials

|                |                |
|----------------|----------------|
| Body material  | Aluminum       |
| Housing color  | Black          |
| Product color  | Black          |
| Housing color  | Black          |
| Cover material | Tempered glass |

Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+50 °C |
|---------------------------|--------------|

Lifespan

|                            |         |
|----------------------------|---------|
| Number of switching cycles | 100000  |
| Lifespan L70/B50 at 25 °C  | 50000 h |
| Lifespan L80/B10 at 25 °C  | 30000 h |
| Lifespan L90/B10 at 25 °C  | 15000 h |

Additional product data

|                   |                               |
|-------------------|-------------------------------|
| Mounting type     | Surface                       |
| Mounting location | Wall / Pole / Floor / Ceiling |

Capabilities

|            |     |
|------------|-----|
| Adjustable | Yes |
| Dimmable   | No  |

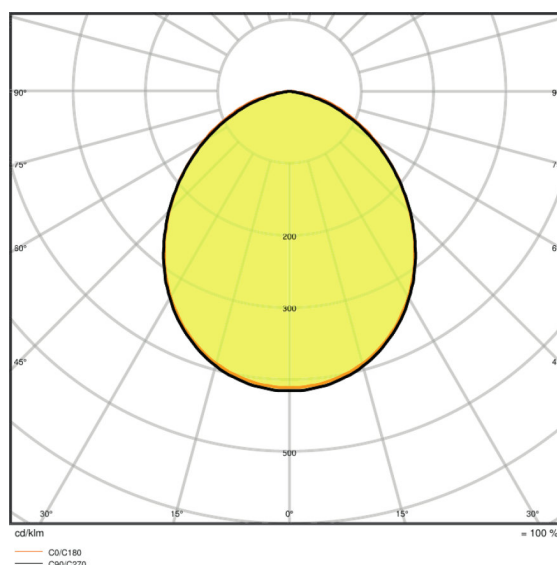
|                        |                 |
|------------------------|-----------------|
| Type of connection     | Cable, 3-pole   |
| LED module replaceable | Not replaceable |

### Certificates & standards

|                                                       |                        |
|-------------------------------------------------------|------------------------|
| Protection class IK (shock resistance)                | IK08 <sup>1)</sup>     |
| Glow Wire Test according to IEC 695-2-1               | 650 °C                 |
| Photobiological safety group EN62778                  | RG 1                   |
| Photobio. safety group acc. to EN62471                | RG 0                   |
| Protection class                                      | I                      |
| Type of protection                                    | IP65                   |
| Luminaire with limited surface temperature, class "D" | Yes                    |
| Standards                                             | CE/CB/TÜV SÜD/EAC/RoHS |

<sup>1)</sup> Protection class of Sensor IK07

### Light Distribution



LDC typ cone

LDC typ polar

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075216785 | Shipping carton box<br>1     | 386 mm x 306 mm x 133 mm             | 4427.00 g    | 15.71 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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