# PRODUCT DATASHEET
# DP S 1500 46W 840 IP65 GY

DAMP PROOF SENSOR | Damp-proof luminaires, classic shape with high frequency sensor



## Areas of application

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

## Product benefits

- Installation of multiple sensor switched luminaires possible due to Master-Slave and Master-Master functionality
- Multiple adjustments of sensor range, daylight detection and hold time
- Low flicker ≤ 10 %
- Easy installation, no tools required for connection
- 5 years guarantee

## Product features

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




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## TECHNICAL DATA

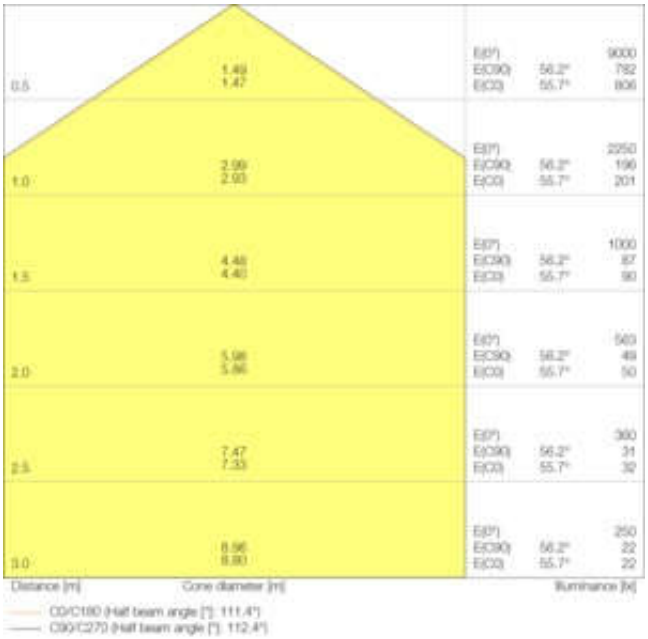
### Electrical data

| | |
|---|---|
| Nominal wattage | 46.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 260 mA |
| Inrush current | 12.7 A |
| Inrush current time $T_{h50}$ | 220 µs |
| Max. no. of lum. on circuit break. B16 A | 26 |
| Max. no. of lum. on circuit break. C10 A | 23 |
| Max. no. of lum. on circuit break. C16 A | 37 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

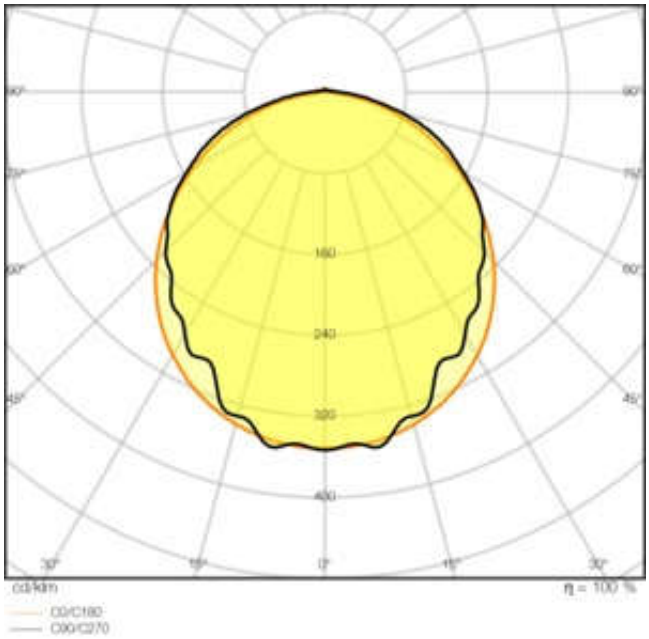
### Photometrical data

| | |
|---|---|
| Luminous flux | 6400 lm |
| Luminous efficacy | 139 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 4 sdcm |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 110 ° |


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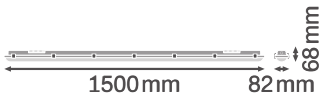

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## Dimensions & Weight

| | |
|---|---|
| Length | 1500.00 mm |
| Width | 82.00 mm |
| Height | 68.00 mm |
| Product weight | 1812.00 g |




## Materials & Colors


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| | |
|---|---|
| Product color | Gray |
| Housing color | Gray |
| Body material | Polycarbonate (PC) |
| Cover material | Polycarbonate (PC) |
| Light emitting surface material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C |
| Mercury content | 0.0 mg |

## Application & Mounting

| | |
|---|---|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -25...+80 °C |
| Type of connection | Terminal, 5-pin |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | No |
| Mounting type | Suspended/Surface |
| Mounting location | Ceiling / Wall |
| LED module replaceable | Not replaceable |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 70000 h |
| Lifespan L80/B10 at 25 °C | 50000 h |
| Lifespan L90/B10 at 25 °C | 34000 h |
| Number of switching cycles | 100000 |

## Sensor

| | |
|---|---|
| Type of sensor | Motion |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / ENEC / TÜV SÜD / EAC |
| Luminaire with limited surface temperature, "D sign" | Yes |
| Ball shot safe | No |

## Additional product data

| | |
|---|---|
| Product remark | Available from December 2021 |

# EQUIPMENT / ACCESSORIES


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– Mounting brackets, Antitheft protection, triangle, 2nd cable gland and 2 grommets included

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | User instruction<br>DAMPPROOF SENSOR IP65 |
| | Tender documents<br>DAMP PROOF SENSOR 1500 46W 840 IP65 GY-EN |
| | IES file (IES)<br>DP S 1500 46W 840 IP65 GY |
| | LDT file (Eulumdat)<br>DP S 1500 46W 840 IP65 GY |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075541986 | Folding box<br>1 | 1,512 mm x 87 mm x 74 mm | 2135.00 g | 9.73 $dm^3$ |
| 4058075541993 | Shipping box<br>6 | 1,532 mm x 191 mm x 245 mm | 12313.00 g | 71.69 $dm^3$ |

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.

## References / Links

– For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

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