

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 $\leq 10\%$
- 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°



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 μ s
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 sdcn
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °

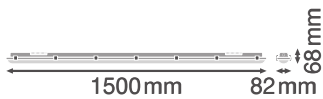
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LDC typ polar

Dimensions & Weight

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



Materials & Colors

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
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

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

Control gear

Output current	360 mA
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Sensor

Type of sensor	Motion / Light
Sensor technology	Microwave
Sensor detection angle	< 150 °
Sensor controlled switching time	5 s...15 min
Detection range of motion sensor	6...14 m
Detection threshold of daylight sensor	2...50 lx

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

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	User instruction
	Addon Technical Information
	Tender documents
	IES file (IES)
	LDT file (Eulumdat)

DOWNLOAD DATA



R3D file (Relux 3D Model)



M3D file (3D Model)



ULD file (DIALux)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075541986	Folding box 1	1,512 mm x 87 mm x 74 mm	2135.00 g	9.73 dm ³
4058075541993	Shipping box 6	1,532 mm x 191 mm x 245 mm	13165.00 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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.