PRODUCT DATASHEET
DP S 1500 58W 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°



© 2022, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Nominal wattage	58.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	330 mA
Inrush current	12.6 A
Inrush current time T_{h50}	222 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	38
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

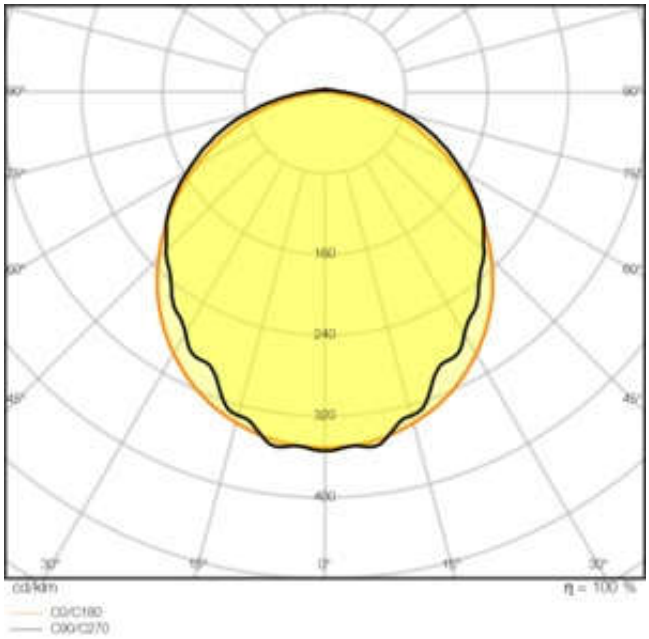
Photometrical data

Luminous flux	8000 lm
Luminous efficacy	138 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 °

© 2022, LEDVANCE GmbH. All rights reserved.



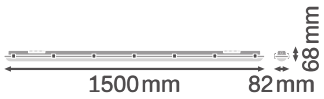
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1500.00 mm
Width	82.00 mm
Height	68.00 mm
Product weight	1838.00 g



Materials & Colors

© 2022, LEDVANCE GmbH. All rights reserved.

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

© 2022, LEDVANCE GmbH. All rights reserved.

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction DAMPPROOF SENSOR IP65
	Tender documents DAMP PROOF SENSOR 1500 58W 840 IP65 GY-EN
	IES file (IES) DP S 1500 58W 840 IP65 GY
	LDT file (Eulumdat) DP S 1500 58W 840 IP65 GY

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075542006	Folding box 1	1,512 mm x 87 mm x 74 mm	2135.00 g	9.73 dm^3
4058075542013	Shipping box 6	1,532 mm x 191 mm x 245 mm	13280.00 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.

© 2022, LEDVANCE GmbH. All rights reserved.