

PRODUCT DATASHEET

DP S 1500 58W 840 IP65 GY

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



PERFOR-
MANCE
CLASS

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°

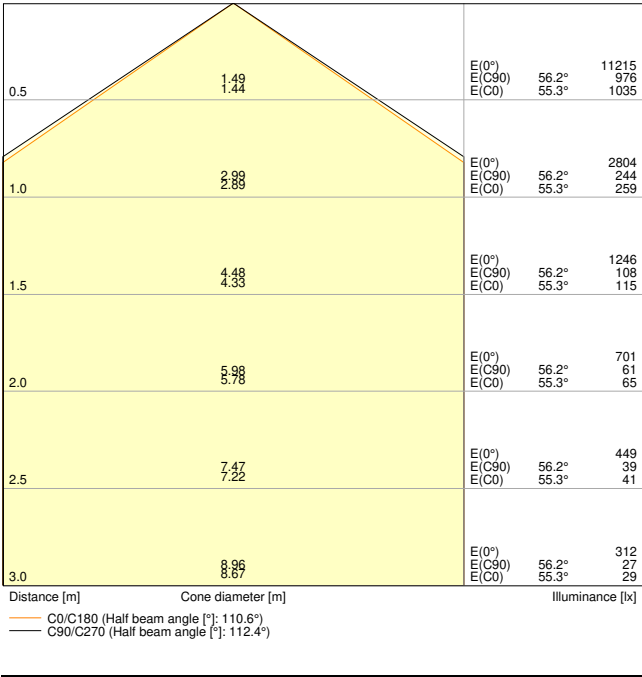


TECHNICAL DATA**Electrical data**

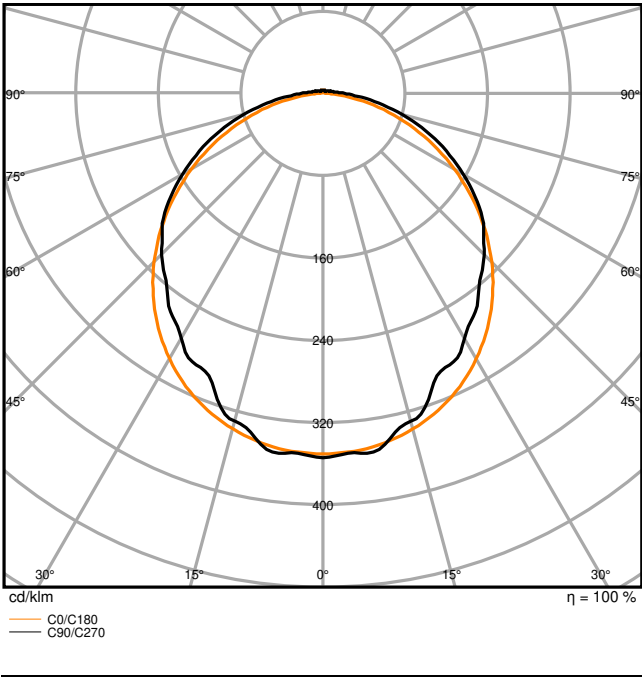
Nominal wattage	58.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	255.000 mA
Inrush current	12.6 A
Inrush current time T_{h50}	222 μ s
Max. number of luminaires per miniature circuit breaker B16	26
Max. number of luminaires per miniature circuit breaker C10	23
Max. number of luminaires per miniature circuit breaker C16	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
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤ 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	110 °



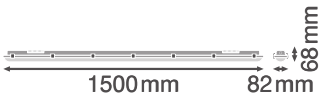
LDC typ cone



LDC typ polar

Dimensions & Weight

Length	1500.00 mm
Width	82.00 mm
Height	68.00 mm
Product weight	1727.00 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 ¹⁾
Lifespan L80/B10 at 25 °C	50000 h ¹⁾
Lifespan L90/B10 at 25 °C	34000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	490 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	4...12 m
Detection threshold of daylight sensor	2...50 lx

BATTERY

Type of Battery	LiFePO4
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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

Documents and certificates	
	User instruction
	Addon Technical Information
	Packaging insert
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA
	Certificates
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	ULD file (DIALux)

Photometric and lighting design files

	ROLF file (RELUX)
	UGR file (UGR table)
	LDC typ cone
	LDC typ polar

CAD/BIM files

	BIM_Revit_3D
	CAD_STEP_3D

Tender texts

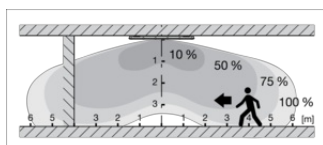
	Tender documents
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LOGISTICAL DATA

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	13340.00 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.

ADDITIONAL CATALOG INFORMATION



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.

