

PRODUCT DATASHEET

ECO CLASS DAMP PROOF 1200 42 W 4000 K IP65 TH

ECO CLASS DAMP PROOF GEN 2 | Damp-proof luminaires, classic shape



Areas of application

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

Product benefits

- Evenly distributed light
- Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
- Easy installation, no tools required for connection

Product features

- High luminous efficacy: up to 120 lm/W
- Type of protection: IP65
- Beam angle: 120°
- Through-wired (L, N, E)
- Polycarbonate housing



TECHNICAL DATA

Electrical data

Nominal wattage	42.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Inrush current	20 A
Inrush current time T_{h50}	100 μ s
Power factor λ	$\geq 0,90$
Mains frequency	50...60 Hz
Max. no. of lum. on circuit break. B16 A	37
Max. no. of lum. on circuit break. C10 A	30
Max. no. of lum. on circuit break. C16 A	48
Total harmonic distortion	20 %

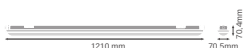
Photometrical data

Color temperature	4000 K
Luminous flux	5040 lm
Luminous efficacy	120 lm/W
Light color (designation)	Cool White
Standard deviation of color matching	< 5 sdcm
Color rendering index Ra	> 80

Light technical data

Beam angle	120 °
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Dimensions & weight



Length	1210.00 mm
Height	70.40 mm
Width	70.50 mm
Product weight	1150.00 g

Colors & materials

Body material	Polycarbonate (PC)
Product color	Gray
Housing color	Gray
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	30000 h

Additional product data

Mounting type	Surface
Mounting location	Ceiling / Wall

Capabilities

Dimmable	No
Type of connection	Screwless
LED module replaceable	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK08
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Protection class	II
Type of protection	IP65
Standards	CE / EAC / RoHS / REACH
Luminaire with limited surface temperature, class "D"	Yes

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LOGISTICAL DATA

Temperature range at storage	-40...+70 °C
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EQUIPMENT / ACCESSORIES

- Mounting material for wall and ceiling installations included

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction User Instruction ECO CLASS DAMPPROOF
	Tender documents Tender Text 4058075463868
	Declarations of conformity CE Declaration of Conformity ECO CLASS DAMP PROOF
	LDT file (Eulumdat) ECO CLASS DAMP PROOF 1200 TH 42W 4000K IP65

DOWNLOAD DATA

UGR file (UGR table)
ECO CLASS DAMP PROOF 42W

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075463868	Folding box 1	1,236 mm x 77 mm x 75 mm	1399.00 g	7.14 dm ³
4058075463875	Shipping box 6	1,260 mm x 250 mm x 165 mm	9510.00 g	51.98 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.