PRODUCT DATASHEET
ECO DAMP PROOF HLO 66 W/4000 K

ECO DAMP PROOF HLO | Damp-proof luminaires, classic shape

Areas of application

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

Product benefits

– Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
– Easy and quick installation
– 5 years guarantee

Product features

– Available with color temperature: 4,000 K, 6,500 K
– Lifetime (L70/B50): up to 50,000 h
– Luminous efficacy: up to 135 lm/W
– Type of protection: IP65
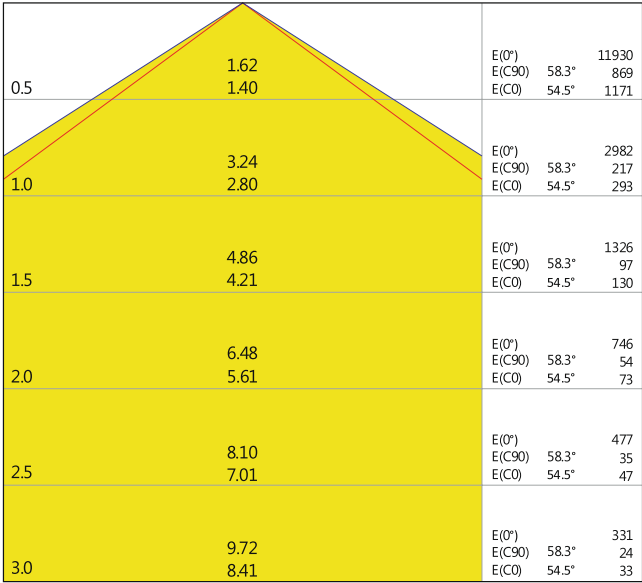– Impact resistance: IK08
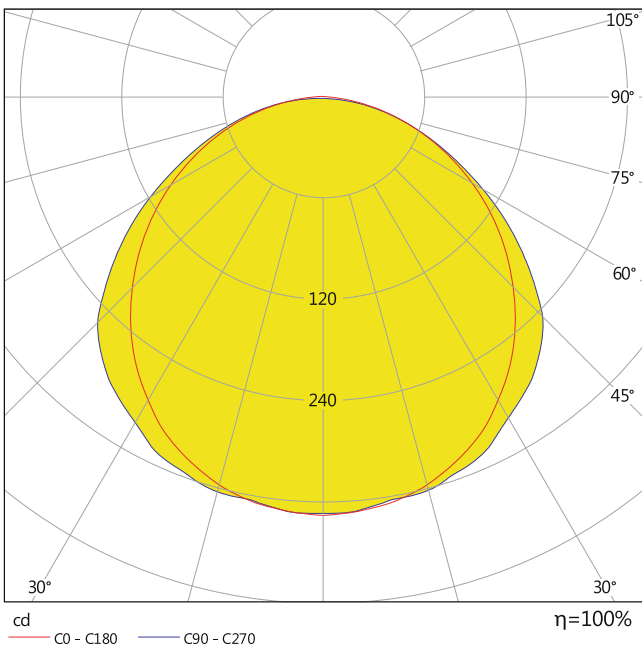
TECHNICAL DATA

Electrical data

Nominal wattage	66.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	330.000 mA
Power factor λ	> 0.90
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	9000 lm
Luminous efficacy	136 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

0.5	1.62	E(0°) 11930
	1.40	E(C90) 58.3° 869
		E(C0) 54.5° 1171
1.0	3.24	E(0°) 2982
	2.80	E(C90) 58.3° 217
		E(C0) 54.5° 293
1.5	4.86	E(0°) 1326
	4.21	E(C90) 58.3° 97
		E(C0) 54.5° 130
2.0	6.48	E(0°) 746
	5.61	E(C90) 58.3° 54
		E(C0) 54.5° 73
2.5	8.10	E(0°) 477
	7.01	E(C90) 58.3° 35
		E(C0) 54.5° 47
3.0	9.72	E(0°) 331
	8.41	E(C90) 58.3° 24
		E(C0) 54.5° 33

Distance [m]   Cone Diameter [m]   Illuminance [lx]
— C0 - C180 (Half-value Angle: 109.0°)
— C90 - C270 (Half-value Angle: 116.6°)

LDC typ cone

cd
— C0 - C180   — C90 - C270
η=100%

LDC typ polar

Dimensions & Weight

Length	1480.00 mm
Width	72.00 mm
Height	61.00 mm
Product weight	1610.00 g

Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+40 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP65

Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	50000 h

Certificates & Standards

Standards	CE

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
	IES file (IES)
	LDT file (Eulumdat)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075301610	Folding box 1	1,522 mm x 75 mm x 65 mm	1891.00 g	7.42 dm³
4058075301627	Shipping box 6	1,543 mm x 250 mm x 155 mm	12716.00 g	59.79 dm³

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.