

PRODUCT DATASHEET

DAMP PROOF 3TH 1200 E 33W 857 IP65 GRAY

DAMPPROOF ECO 3TH ON-OFF | Damp-proof luminaires, classic shape



Areas of application

- Industrial and storage facilities
- Passages, underpasses
- Parking garages
- Workshops, assembly lines
- Underground parking

Product benefits

- Easy installation, no tools required for connection
- Uniform light distribution
- Low flicker $\leq 5\%$
- Energy savings up to 68 % (compared to luminaires that use fluorescent lamps)

Product features

- Very high luminous efficacy: up to 172 lm/W
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Beam angle: 120°
- Housing and diffuser material: polycarbonate (PC)
- Protection rating: IP65

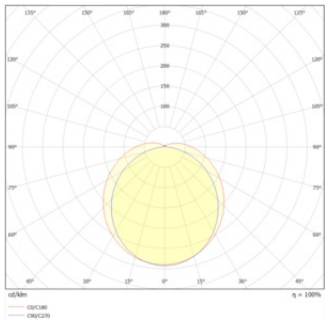
TECHNICAL DATA

Electrical data

Nominal wattage	33.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	167 mA
Inrush current	6.48 A
Max. number of luminaires per miniature circuit breaker B16	76
Max. number of luminaires per miniature circuit breaker C10	47
Max. number of luminaires per miniature circuit breaker C16	76
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II

Photometrical data

Luminous flux	5670 lm
Luminous efficacy	172 lm/W
Color temperature	5700 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdc _m
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °



DP 3TH 1200 E 33W 857 IP65 GY

Dimensions & Weight

Length	1205.00 mm
Width	70.00 mm
Height	62.00 mm
Product weight	983.00 g



DP 3TH 1200

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	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+60 °C
Temperature range at storage	-20...+80 °C
Type of connection	Screwless terminal, 3-Pole (N, E, L)
Type of protection	IP65/IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h ¹⁾
Lifespan L80/B10 at 25 °C	100000 h ¹⁾
Lifespan L80/B50 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	54000 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	160 mA
ECG - Output ripple current	< 5 %
ECG lifetime	100000 h

Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / CB / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	DP 3TH
	Legal information	DP 3TH
	Legal information	Safety insert G11222028
	Legal information	DP 3TH
	Declarations of conformity	DP 3TH
	Declarations of conformity UKCA	DP 3TH

Photometric and lighting design files		Document name
	IES file (IES)	DP 3TH 1200 E 33W 857 IP65 GY
	LDT file (Eulumdat)	DP 3TH 1200 E 33W 857 IP65 GY
	Light distribution curve type polar	DP 3TH 1200 E 33W 857 IP65 GY

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075855885	Folding box 1	1,215 mm x 75 mm x 67 mm	1172.00 g	6.11 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075855892	Shipping box 9	1,232 mm x 245 mm x 218 mm	11538.00 g	65.80 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.

DISCLAIMER

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