

PRODUCT DATASHEET

DAMP PROOF 3TH 1500 E 41W 840 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

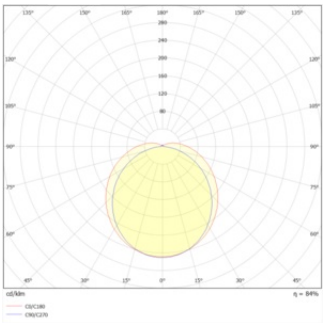
TECHNICAL DATA

Electrical data

Nominal wattage	41.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	208 mA
Inrush current	6.6 A
Max. number of luminaires per miniature circuit breaker B16	61
Max. number of luminaires per miniature circuit breaker C10	38
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II

Photometrical data

Luminous flux	7020 lm
Luminous efficacy	171 lm/W
Color temperature	4000 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 1500 E 41W 840 IP65 GY

Dimensions & Weight

Length	1505.00 mm
Width	70.00 mm
Height	62.00 mm
Product weight	1211.00 g



DP 3TH 1500

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	170 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 1500 E 41W 840 IP65 GY
	LDT file (Eulumdat)	DP 3TH 1500 E 41W 840 IP65 GY
	Light distribution curve type polar	DP 3TH 1500 E 41W 840 IP65 GY

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075855922	Folding box 1	1,515 mm x 75 mm x 67 mm	1430.00 g	7.61 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075855939	Shipping box 6	1,532 mm x 168 mm x 218 mm	9520.00 g	56.11 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.