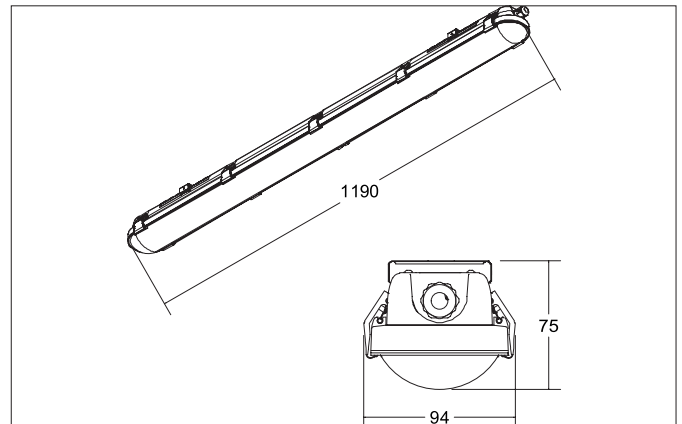



HUMID ONE PRO LED damp proof luminaire, DALI dimmable

Article no. 78114114


Tender

LED damp proof luminaire, DALI dimmable, Rectangular. Luminaire length 1190.0 mm, Luminaire width 94.0 mm, Height 75.0 mm Weight 1.66 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 4.900 lm, Power 1 x 38 W, Light colour neutral white, Correlated color temprature (CCT) 4.000 K, Colour rendering index CRI > 80, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Polycarbonate / Stainless steel, Colour: grey, Permissible ambient temperature (ta): -20 °C up to +40 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP65, shock resistance according to IEC62262: IK08. With electronic driver, DALI-2 dimmable. Additionally this luminaire is ENEC-protected by an independent laboratory.



HUMID ONE PRO LED damp proof luminaire, DALI dimmable

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Product Benefits

5-year Brumberg light guarantee.
 DALI-2.
 BEG LED lighting promotion.
 D mark for operating sites with fire hazard.
 Long service life: L80B50 > 50,000 h at +25 °C.
 High efficiency.
 Planning reliability thanks to enclosed accessories for any type of installation (ceiling and wall surface-mounted and pendant).
 Cover and LED board form a single unit for quick and easy installation.
 quick and easy installation.
 Pre-punched holes for different cable entries.
 Robust, impact-resistant polycarbonate housing with IK08.
 All metal mounting parts made of stainless steel (retaining clips, screws etc.).
 Brand converter from TRIDONIC.
 Ambient temperature range: -20 °C to +40 °C.
 Quick installation: through-wiring.

Article data	
Article no.	78114114
GTIN	4251433954323
Series name	HUMID ONE PRO
Short description	LED damp proof luminaire, DALI dimmable
Material	Polycarbonate / Stainless steel
Colour	grey
Type of surface	Matt
Shape	Rectangular
Length	1,190 mm
Width	94 mm
Height	75 mm
Scope of delivery	Delivery: incl. converter for connection to 230 V mains voltage, through-wiring, DALI-2 Delivery incl. mounting accessory set consisting of: - 4 x locking screws for clip holder, - 2 x locking screws and nuts for universal mounting bracket, - 4 x mounting screws and dowels, - 2 x universal mounting brackets for wall, ceiling or pendant mounting (brackets required for hanging in the mounting bracket included in the scope of delivery). - 1 x IP65 cable gland PG13.5 (cable diameter Ø 6 - 12 mm)
Weight	1.66 kg
D licence plate	Yes
stamp	ENEC
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	white
Light output	Direct
Luminous flux	4,900 lm
System efficiency	129 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 80
Beam angle	117°
Light sharing	Symmetric
Adjustable color temperature	No


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Operating technology of the luminaire	
System output	38 W
Voltage type	AC/DC
AC nominal voltage min	198 V
AC nominal voltage max	264 V
DC nominal voltage min	176 V
DC nominal voltage max	280 V
Frequency max	60 Hz
Frequency min	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP65
Ambient temperature	-20°C up to +40°C
Dimmable	Yes
Control	DALI-2
Minimum / maximum dimming range	
Bulb change possible	The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person.
Glow wire test according to IEC 60695-2-12	850°C - 5s
Rated life time L80/B50 at 25 °C	50,000 h
Energy efficiency class	not required
max. no. lights on B16 A	17
max. no. lights on C10 A	16
max. no. lights on C16 A	28

Operating technology of driver	
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Mounting technology	
Mounting method	Surface mounting
Place of installation	Ceiling-/Wall-/Pendant-mounted
Adjustability	Not adjustable
Impact resistance	IK08
Cover	Polycarbonat clear
Circlip	Without circlip
Suitable for through-wiring	Yes

Packing data	
Gross weight	1.85 kg
Length of packaging	1,200 mm
Packaging width	103 mm
Packaging height	83 mm
Disposal at end of life	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.

Optional accessories	
Article no.: 81011050	
Mounting accessories set for HUMID ONE, for width: 94 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81011050_2021_DE.pdf	