

BREMERHAVEN LED m1500, VHT

4550 lm, 31 W, PC Tropol® (fracture proof), wide beam

Item Number: 597 680 44 84

LED

IP 65 IP 66 IP 67 IP 68 1m CE V IK 09 PC

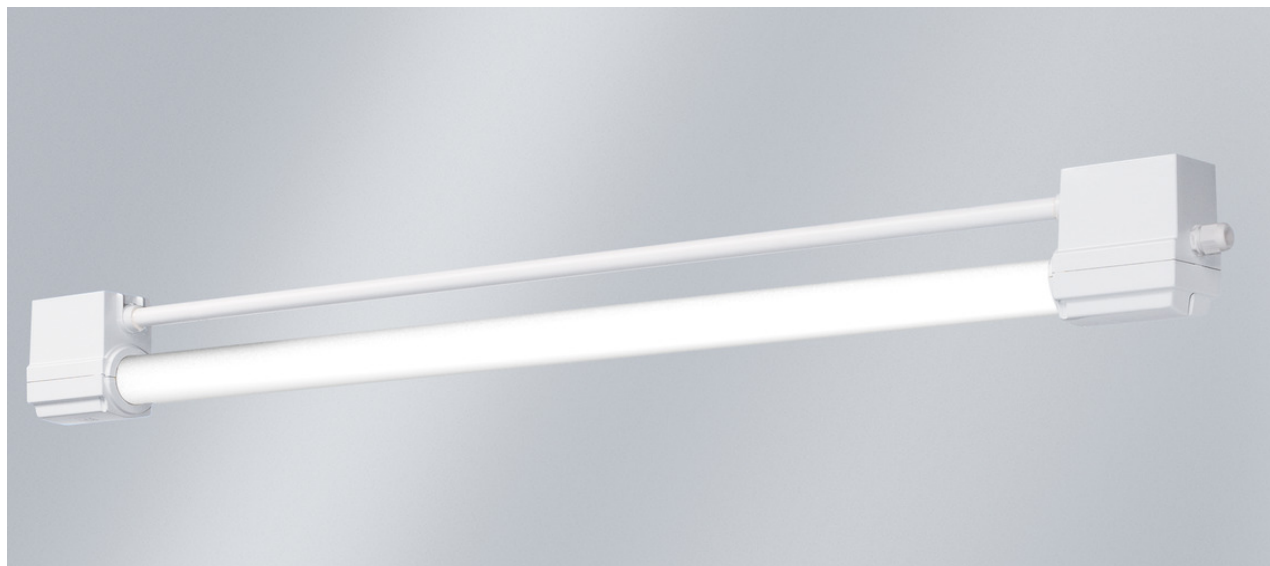
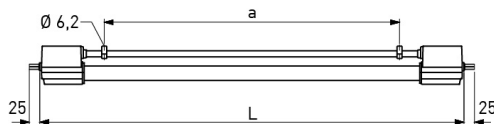


Illustration may differ

 wide beam

DIMENSIONS



L	1.732 mm
B	77 mm
H	129 mm
a	1.305 mm
max. Weight	3,0 kg

DESCRIPTION

Polymer luminaire with LED lamps. Useable in industrial applications with demanding ambient conditions. Suitable for production facilities and suppliers in the food and beverages industry. **Heat-resistant (high temperature (HT)) version suitable for temperatures up to +60 °C, highly heat-resistant (very high-temperature (VHT)) version suitable for temperatures up to +90 °C.** Weatherproof luminaire housing made of thermosetting polymer. Useable for indoor and outdoor areas according to protection rating IP 65, IP 66, IP 67 and IP 68, 1 m. Thermally separated lamp chamber and driver chamber. Short sealing system consisting of age-resistant, form-retaining silicone/synthetic rubber. Protection tube 38 mm made of PC Tropol® (fracture proof). Luminaire ready for mounting and installation. Two M20 cable glands on face side. Single or row mounting (HT version only). Ceiling installation using two polymer stirrup clamps, variable mounting distance.

Version VHT

With 230 V AC/DC driver in separate polymer housing (driver to be ordered separately, max. ambient temperature +65 °C). Connecting cable 2 x 1.5 mm² on site, maximum length 100 m.

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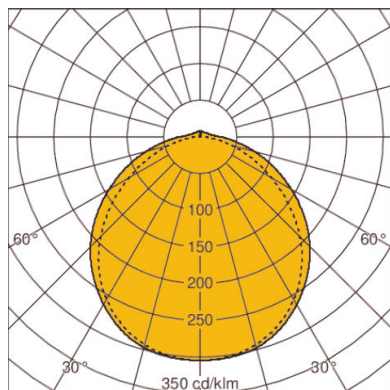
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CHARACTERISTICS

Version	m1500, VHT	Housing material	polymer
Lamp	LED	Colour housing	White
Number of lamps	1-lamp	Cover	protection tube
Luminous flux lamp	4550 lm	Material of the cover	PC Tropol® (fracture proof)
LOR	95 %	Light distribution	wide beam
Luminous flux luminaire	4345 lm	Adjustability	not adjustable
max. System power	31 W	UGR Value (4H8H)*	26
Luminaire efficacy	140 lm/W	Protection class	II
Colour temperature	White, 840/4000 K, Ra > 80	IP-rating	IP66, IP67, IP68 1m, IP65
Colour consistency (McAdam ellipse)	SDCM3	Impact strength	IK09
Lamp service life	L80 B50 > 50,000 h at +90°C	Manufacturer warranty	5 years
Ambient temperature	-25°C to +90°C	Installation type	ceiling mounting, suspension system, Surface mounting, single mounting, wall mounting, row mounting
Type of gear	driver Industry, No dim function, 230 V - 240 V AC/DC, 0/ 50/ 60 Hz	Replaceability of control gear	control gear replaceable by professional
Max. number of luminaires Circuit breaker B16	25	Replaceability of light unit	Protection tube replaceable by professional
Max. Number of luminaires Circuit breaker C16	40		
Connection method	cable gland M20		
Through-wiring	without		

* The above mentioned UGR is based on example calculations. The effective value can only be determined with a light calculation.

DIAGRAMS



LOR: 95,0%