

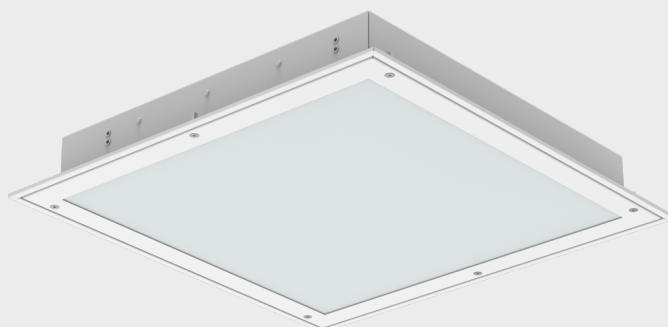
BORDER-N-LED-2/21-M598-SQ-GLM-4800-4K, IP66

Product type: 080671

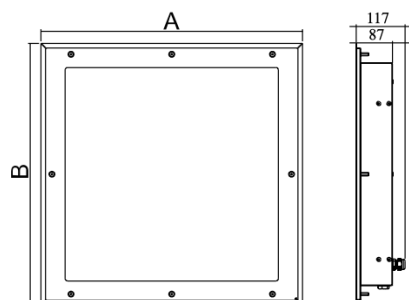
Item number: 48502

IP66

2/21



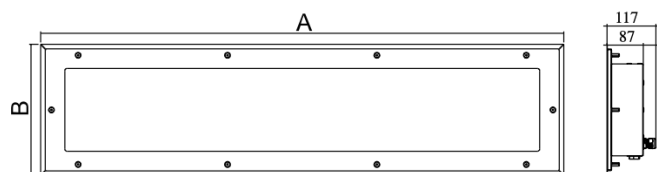
Metal recessed or fixed luminaire designed for applications in hazardous areas for ATEX zone 2/21, 22 (pharmaceutical production, food production, chemical warehouses, electric vehicle battery production, etc.). Body made of powder coated steel sheet (RAL 9016) – alternatively stainless steel AISI304 or AISI316 for aggressive environments. Luminaire cover in several versions – opal glass, clear glass in combination with opal or microprismatic diffuser, clear plexiglass in combination with opal or microprismatic diffuser. Equipped with high quality electronic components with a high LED lifetime of up to 100 000 h and an efficiency of 158 lm/W. It is characterised by high splash and dust resistance IP66. Suitable for ambient temperatures from -40 °C to +60 °C (depending on luminaire variant). Classified for clean rooms ISO 14644-1.



Dimensions

A x B x C 598 mm x 598 mm x 87 mm

Net weight 10,38 kg



Specifications

Light technical data

Lighting fixture luminous flux	3978 lm +/-10%	Luminaire efficiency	147 lm/W
CRI	≥80	MacAdam	3
Beam angle	Very wide beam >80°	Colour temperature	4000 K

Electrical data

Power input	27 W	Rated voltage AC	220-240 V
Frequency	50/60 Hz	Rated voltage DC	220-240 V
Control method	ON/OFF luminaire	Through-wiring	Without through-wiring
Insulation class	I	Number of luminaires per circuit breaker B10A	23
Number of luminaires per circuit breaker B16A	38	Number of luminaires per circuit breaker C10A	39
Number of luminaires per circuit breaker C16A	64	Momentum current	23 A

Mechanical data

IP classification	IP66	IK classification	IK07
Warranty	5 years	Operating temperature	-20°C≤ta≤60°C

Certification

ATEX	FTZÚ 23 ATEX 0038X
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Explosion protection ATEX

Ex ZONE	2/21	ATEX zone – gas	Ex II 3G Ex nR IIC T6 Gc
ATEX zone – dust	Ex II 2D Ex tb op is IIIC T85°C Db		

Materials

Material of the body	painted steel sheet	Body colour	white RAL 9016
Cover material	GLM – frosted tempered safety glass		

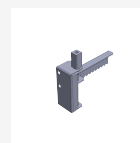
Packaging

Barcode (EAN)	8592040334228	Number of pieces per pallet	18 pcs
Gross weight	10,98 kg		

Accessories to order

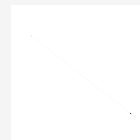
Leveling set for BORDER-N-LED

Item number: **57800**
Product type: **051233**

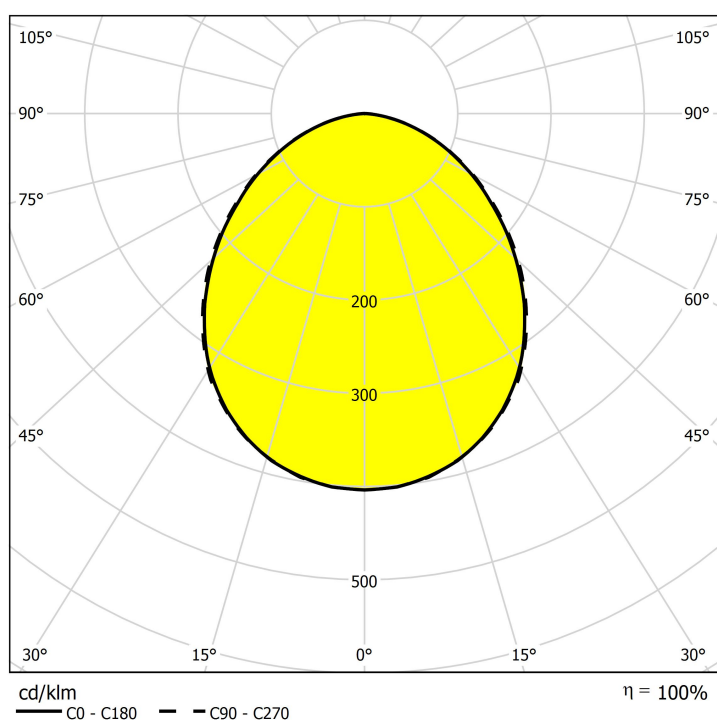


Set of safety suspension

Item number: **57512**
Product type: **051232**



Polar diagram



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