

Vyrtych BORDER-N-LED-M600/PB ATEX Recessed Luminaire Zone 2/21

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For ATEX Zone 2-21 and 22

Certification: BORDER-N-LED ATEX zone 2/21 - (FTZU 23 ATEX 0038X)

Ex II 3G Ex nR IIC T6 Gc and Ex II 2D Ex tb op is IIIC T85°C Db.

Certification: BORDER-N-LED ATEX zone 2/22 - (FTZU 23 ATEX 0039X)

Ex II 3G Ex nR IIC T6 Gc and Ex II 3D Ex tc IIIC T85°C Dc.

Classified for Clean Rooms ISO 14644-1. Silicone-free design.



Application: Recessed luminaire designed for explosion hazardous areas for ATEX Zone 2/21, 22. Splash and dust resistance IP65.

For Pharma & Laboratories, Food and Beverage Production areas, Petrochemical, Chemical warehouses, Electrical Vehicle Battery Production etc.)

Large luminaire variability with regard to installation - raster ceilings M600/625, metal ceilings M598/M623 or plasterboard or other typical ceilings.

Ballast: electronic ballast 220-240 Vac 50/60 Hz, 220-240Vdc, Energy Class A+

Light source: LED, 4000K, CRI +80, MacAdam3.

Housing: Painted steel sheet RAL 9016 white. Cover: CGMP = clear tempered glass + microprismatic plexi cover (standard version).

Protection: IP65 Class I.

Beam angles: Very wide beam 80°.

Temperature resistance: from -40°C to +60°C (depending on luminaire variant)

Fastening: Mounting with leveling set in metal ceilings M598/M623(not included). The minimum height of free cavity in the ceiling is 200 mm.

Connection: Screwless three-pole terminal block, max. wire crossing 2,5 mm².

Standard equipment: 2x M20 cable gland for cable diameter 7-12 mm.

Calculated lifetime - LED modules: Lx80B10 Ta 30 - 70,000 h.

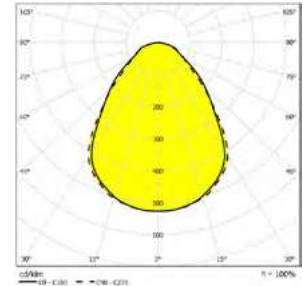
Calculated lifetime - LED modules: L70B10 Ta 30 - 100,000 h.

The lighting fixture meets photobiological safety according to the standard CSN EN 62471:2009.

Suitable for persons with high sensitivity to UV radiation and blue spectrum part.

Mark indicating compliance with the relevant regulations for electromagnetic compatibility (EMC).

Tolerance of luminous flux and power input of the lighting fixture +/- 10%.



On order available:

LIGHT COLOURS - Colour temperature 3000K/4000K(standard)/5000K/6500K.

MULTI - Permanent Emergency lighting (1h, 3h).

DIM - Dimmable electronic driver (DALI).

CB - Central battery system.

Cover options are:

GLM - frosted tempered safety glass, **OP** - clear PC + opal diffuser, **MP** - clear PC + microprismatic diffuser, **CGOP** - clear tempered safety glass + optical opal plexi cover, **CGMP** - clear tempered safety glass + microprismatic cover.

Manufacturers warranty, 5 years.

BORDER-N-LED-M600/PB

IP66 ZONE 2/21

VYRTYCH

Article No.	Description	Wattage	Lumen output	AxBxC mm	Ta (°C)	Light Colour	Lightbeam
83VT45670	BORDER-N-LED-2/21-M600-SQ-CGMP-3300-4K	17	2.440	595x595x87	-20°C≤ta≤60°C	4.000K	80°
83VT45671	BORDER-N-LED-2/21-M600-SQ-CGMP-4800-4K	27	3.610	595x595x87	-20°C≤ta≤60°C	4.000K	80°
83VT45672	BORDER-N-LED-2/21-M600-SQ-CGMP-6300-4K	37	4.753	595x595x87	-20°C≤ta≤60°C	4.000K	80°
83VT45673	BORDER-N-LED-2/21-M600-SQ-CGMP-7200-4K	41	5.506	595x595x87	-20°C≤ta≤60°C	4.000K	80°
83VT45674	BORDER-N-LED-2/21-M600-SQ-CGMP-8700-4K	49	6.604	595x595x87	-20°C≤ta≤60°C	4.000K	80°
83VT45675	BORDER-N-LED-2/21-M600-SQ-CGMP-12000-4K	70	9.072	595x595x87	-20°C≤ta≤45°C	4.000K	80°

Accessories BORDER-N-LED-2/21-22

Article No.	Description
83VT57800	Nivelation set for BORDER-N-LED (4 pcs) for metal ceilings and plasterboard
83VT57512	Set of safety suspension cables
83VT57533	Frame for surface mounting BORDER-SQ 600x600

