

Vyrtych EXTEND-Ex1/21-LED Linear luminaire Zone 1-21 IP66/IP67



Vyrtych EXTEND-EX1/21-LED Linear luminaire Zone 1-21 IP66/IP67 and IK10 For ATEX Zone 1-21

Certification: EXTEND-Ex1/21 ATEX

(FIDI 26 ATEX 0006X) II 2G Ex eb mb IIC T4 Gb and II Ex db eb mb IIC T4 Gb - with isolator and II 2D Ex tb IIIC T65°C Db.

Certification: EXTEND-Ex1/21 IECEx

(IECEx FIDI 26.00069X) Ex eb mb IIC T4 Gb and Ex db eb mb IIC T4 Gb - with isolator and Ex tb IIIC T65°C Db.



Application: Dustproof lighting fixture EXTEND-EX1/21 LED with splash water resistance designed for lighting of areas with danger of explosion.

Ballast: electronic 110 - 254 V, 50/60 Hz, 125 - 300 V DC (ON/OFF, DALI2 variants).

Ballast: electronic 220 - 254 V, 50/60 Hz, 220 - 250 V DC (emergency models).

Ambient temperature: -40°C - 60°C.

Light source: LED, 4000K/5000K, CRI +80.

Light beam: Very wide beam >80°

Housing: Plastic material GRP (polyester filled with fibreglass), grey colour RAL 7035.

Diffuser: Clear cover PC (polycarbonate). Opal diffuser over the LED module for pleasant light and reduce glare.

Sealing: Silicone gasket resistant against chemicals, oils, high temperatures and ageing, ensuring long-term sealing performance even under harsh conditions.

HACCP Approved.

Protection: IP66/IP67 and IK10.

Fastening: Direct surface ceiling or wall mounting via set of stainless steel ceiling brackets, pole mounting via set of pole brackets, suspension using a set of boom brackets or by hanging from suspension lugs..

Connection: Screwless three-pole terminal block, maximum diameter of wires 4.0 mm².

Ready for looping (possibility of connecting two cables, it is necessary to order an extra gland).

Standard equipment: 2 pc EX plastic cable gland M25x1.5 (as a standard for diameter of cable 10-17mm), 2 pcs EX sealing plug M25x1.5 and double cable clamp.

Calculated lifetime - LED modules: L80B50 ta50 - up to 86.000h.

Calculated lifetime - LED modules: L90B50 ta 25 - 110.000h.

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 compability (EMC).

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

Optional in maintained emergency version 3h / autotest, color temperatures 4000, 5000 or (6500K special request).

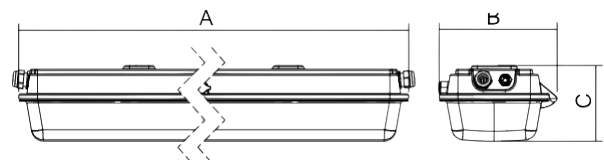
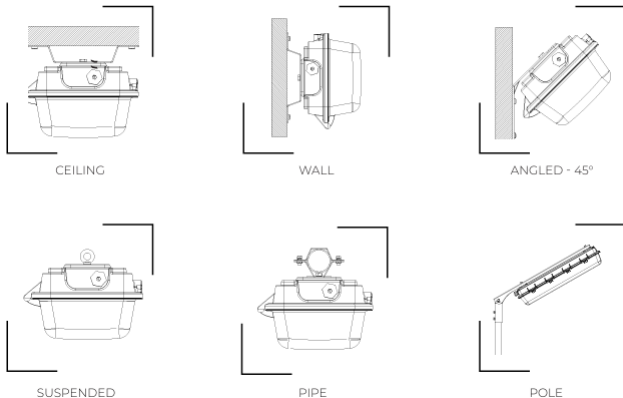
Optional ON/OFF 1F through wiring 3x2,5mm², 3F 5x2,5mm² and DALI2 1F 5x2,5mm², 7x2,5mm²

Multiple mounting accessories available.

Manufacturers warranty, 5 years.

Mounting:

With a large range of mounting accessories many different mounting options are possible.



Cable glands:
Designed for loop-in / loop-out through-wiring.
Standard 2x Ex plastic M25 cable glands and 2x Ex plastic M25 plugs

Disconnecter:

For extra safety when opening the light. It automatically disconnects the power supply when the luminaire is opened. The solution enhances service safety and simplifies maintenance and installation in demanding operating conditions.

Vyrtych EXTEND-Ex1/21-LED Linear luminaire Zone 1-21 IP66/IP67

Vyrtych EXTEND-EX1/21 without through-wiring ON/OFF Version

Article No.	Description	Wattage	Lumen output	LxWxH mm	Ta max (°C)	Equivalent fluo	Weight (kg)
83VT75404	EXTEND-EX1/21-L-07-840-2200-OND-24-PG	13,3	1.799	728x244x154	-40°C+≤ta+≤60°C	1x18W	5,12
83VT75405	EXTEND-EX1/21-L-07-840-2750-OND-24-PG	17,1	2.188	728x224x154	-40°C+≤ta+≤55°C	2x18W	5,12
83VT75406	EXTEND-EX1/21-L-07-840-4000-OND-24-PG	25,5	2.998	728x224x154	-40°C+≤ta+≤55°C	2x18W /1x36W	8,10
83VT75407	EXTEND-EX1/21-L-13-840-4500-OND-24-PG	26,6	3.676	1328x224x154	-40°C+≤ta+≤60°C	1x36W	8,10
83VT75408	EXTEND-EX1/21-L-13-840-5500-OND-24-PG	34,1	4.470	1328x224x154	-40°C+≤ta+≤55°C	2x36W	4,98
83VT75409	EXTEND-EX1/21-L-13-840-8000-OND-24-PG	50,9	6.126	1328x224x154	-40°C+≤ta+≤55°C	1x58W	4,98
83VT75410	EXTEND-EX1/21-L-13-840-11600-OND-24-PG	79,3	9.022	1328x224x154	-40°C+≤ta+≤60°C	2x58W	7,94

Vyrtych EXTEND-EX1/21 with through-wiring 3x2,5 mm² ON/OFF Version

Article No.	Description	Wattage	Lumen output	LxWxH mm	Ta max (°C)	Equivalent fluo	Weight (kg)
83VT75936	EXTEND-EX1/21-L-07-840-2200-OND-24-PG	13,3	1.799	728x244x154	-40°C+≤ta+≤60°C	1x18W	5,12
83VT75937	EXTEND-EX1/21-L-07-840-2750-OND-24-PG	17,1	2.188	728x224x154	-40°C+≤ta+≤55°C	2x18W	5,12
83VT75938	EXTEND-EX1/21-L-07-840-4000-OND-24-PG	25,5	2.998	728x224x154	-40°C+≤ta+≤55°C	2x18W /1x36W	8,16
83VT75939	EXTEND-EX1/21-L-13-840-4500-OND-24-PG	26,6	3.676	1328x224x154	-40°C+≤ta+≤60°C	1x36W	8,16
83VT75940	EXTEND-EX1/21-L-13-840-5500-OND-24-PG	34,1	4.470	1328x224x154	-40°C+≤ta+≤55°C	2x36W	5,04
83VT75941	EXTEND-EX1/21-L-13-840-8000-OND-24-PG	50,9	6.126	1328x224x154	-40°C+≤ta+≤55°C	1x58W	5,04
83VT75942	EXTEND-EX1/21-L-13-840-11600-OND-24-PG	79,3	9.022	1328x224x154	-40°C+≤ta+≤60°C	2x58W	8,00

CONSTRUCTION



Vyrtych EXTEND-EX1/21 Accessories

Article No.	Description
83VT75312	Set of pole brackets ø 60mm 2" M8 AISI304 (2 pcs)
83VT75313	Set of pole brackets ø 50mm 1.1/2" M8 AISI304 (2 pcs)
83VT75314	Set of pole brackets ø 42mm 1.1/4" M8 AISI304 (2 pcs)
83VT75315	Set of pole brackets ø 60mm 2" M8 AISI316 (2 pcs)
83VT75316	Set of pole brackets ø 50mm 1.1/2" M8 AISI316 (2 pcs)
83VT75317	Set of pole brackets ø 42mm 1.1/4" M8 AISI316 (2 pcs)
83VT21173	Set of ceiling brackets AISI304 (2 pcs)
83VT80708	Set of ceiling brackets AISI316 (2 pcs)
83VT80644	Grounding pad for M25 Feed-through (1pcs)
83VT80921	Set of wall mount brackets 45° angle AISI304 (2 pcs)
83VT80922	Set of wall mount brackets 45° angle AISI316 (2 pcs)
83VT80868	Adjustable boom for ø 60mm 2" pole AISI304 I=07
83VT80869	Adjustable boom for ø 50mm 1.1/2" pole AISI304 I=07
83VT80870	Adjustable boom for ø 42mm 1.1/4" pole AISI304 I=07
83VT80871	Adjustable boom for ø 60mm 2" pole AISI316 I=07
83VT80872	Adjustable boom for ø 50mm 1.1/2" pole AISI316 I=07
83VT80873	Adjustable boom for ø 42mm 1.1/4" pole AISI316 I=07
83VT80874	Adjustable boom for ø 60mm 2" pole AISI304 I=13
83VT80875	Adjustable boom for ø 50mm 1.1/2" pole AISI304 I=13
83VT80876	Adjustable boom for ø 42mm 1.1/4" pole AISI304 I=13
83VT80879	Adjustable boom for ø 60mm 2" pole AISI316 I=13
83VT80877	Adjustable boom for ø 50mm 1.1/2" pole AISI304 I=13
83VT80878	Adjustable boom for ø 42mm 1.1/4" pole AISI304 I=13

