


# EXTEND-Ex-P-LED

IP 66 /  zone 1, 21



FTZÚ 16 ATEX 0080X



**Application:** Dustproof lighting fixture EXTEND-Ex-P-LED with splash water resistance is designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 16 ATEX 0080X).

**Ballast:** EP – electronic 110 – 254 V, 50/60 Hz AC, EP – electronic, 220 – 250 V, 0 Hz DC

**Light source:** LED, 4000K, CRI +80

**Housing:** Plastic material GRP (polyester filled with fibreglass), grey colour RAL7035







**Diffuser:** PC (polycarbonate), clear

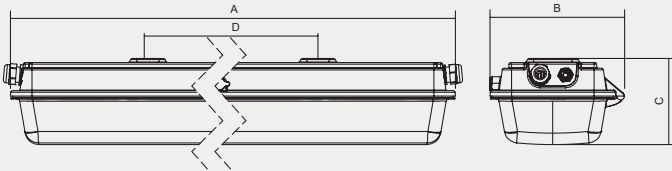
**Fastening:** Direct surface ceiling or wall mounting, ceiling mounting via set of stainless steel ceiling brackets, pole mounting via set of pole brackets, suspension mounting via set of suspension brackets.

**Connection:** Screwless three-pole terminal block, maximum diameter of wires 4 mm<sup>2</sup>

**Standard equipment:** 1 pc packing cable gland M25x1.5 (as a standard for diameter of cable 12-18mm), 2 pcs sealing plug M25x1.5

**Calculated lifetime – LED modules:** L80B50 ta55 - 50 000h

MULTI/EXTEND-Ex-P-LED	EXTEND-Ex-P-LED-WOD	EXTEND-Ex-P-LED-Em
 II 2G Ex db eb mb op is IIC T4 Gb	 II 2G Ex eb mb op is IIC T4 Gb	 II 2G Ex db eb mb op is IIC T4 Gb
 II Ex tb op is IIIC T71°C Db	 II Ex tb op is IIIC T71°C Db	 II Ex tb op is IIIC T71°C Db

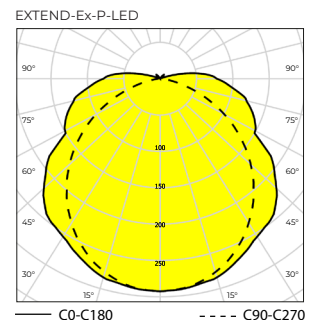


Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Equivalent**	Weight (kg)
053275	EXTEND-Ex-P-LED-D-2750-218-4K	2224	16	139	55*	728x244x156	570	1x36W/2x18W	5,06
053260	EXTEND-Ex-P-LED-D-4000-218-4K	3158	28	113	55	728x244x156	570	X	5,06
053276	EXTEND-Ex-P-LED-D-5500-236-4K	4123	30	137	55	1328x244x156	830	2x36W	8,1
053261	EXTEND-Ex-P-LED-D-8000-236-4K	6138	53	116	55*	1328x244x156	830	X	8,1
053277	EXTEND-Ex-P-LED-WOD-2750-218-4K	2224	16	139	55*	728x244x156	570	1x36W/2x18W	4,98
053262	EXTEND-Ex-P-LED-WOD-4000-218-4K	3158	28	113	55	728x244x156	570	X	4,98
053278	EXTEND-Ex-P-LED-WOD-5500-236-4K	4123	30	137	55	1328x244x156	830	2x36W	7,94
053263	EXTEND-Ex-P-LED-WOD-8000-236-4K	6138	53	116	55*	1328x244x156	830	X	7,94

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

\* in version for 110V 50/60 Hz declared for ta 45°C

\*\* Luminaires are not a direct replacement. They may vary in length. The required lighting of the room must be verified by calculation.



## Accessories on request



051200 Set of ceiling stainless steel brackets EXTEND (2 pcs)-AISI 304



053296 EXTEND set of pole brackets (2pcs)



004642 Suspension bracket DIN 580 M8 - 1 pc

### Standard accessories M25

008061	Cable gland OBO V-TEC EX M25x1.5 - 2050331 (5.0 Nm)
008089	Plastic sealing plug Ex M25x1.5
008102	Plastic nut WISKA EMUG 25 M25x1.5 black
007075	Flat sealing ring EPDM 32x23.5x1.5 mm

### Accessories for armoured cable M25

008056	BIMED KBA 2M(25) Brass M25x1.5
008089	Plastic sealing plug Ex M25x1.5
008035	Nut WISKA EMMU25 M25x1.5 - nickel-plated brass
007075	Flat sealing ring EPDM 32x23.5x1.5 mm

## Marking system and overview of approved variants of lighting fixtures

EXTEND-Ex-P-LED-XXXX-YYY-WOD	- without disconnector
EXTEND-Ex-P-LED-XXXX-YYY-D	- with disconnector
EXTEND-Ex-P-LED-XXXX-YYY-1F	- single-phase through wiring connection
EXTEND-Ex-P-LED-XXXX-YYY-3F	- three-phase through wiring connection

XXXX indicates luminous flux intensity 4000/8000  
 YYY indicates type of lighting fixture housing 218/236

## Lighting fixture detail



## On request

**EM-1.5h/3h** - non-maintained emergency lighting

**MULTI-1.5h/3h** - maintained emergency lighting

**1/3 F** - single-phase or three phase through wiring connection max. diameter of wires 4 mm<sup>2</sup>

**3000/4000/6000K** - colour temperature

Standard order number	EM-1,5H	EM-3H	MULTI-1,5H	MULTI-3H	DALI	1F	3F
053260	053268	053270	053264	053266	X	053260 1F	053260 3F
053261	053269	053271	053265	053267	X	053261 1F	053261 3F
053262	X	X	X	X	X	053262 1F	053262 3F
053263	X	X	X	X	X	053263 1F	053263 3F

### Use of lighting fixtures in areas with danger of explosion

	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dust	BE3N1	ZONE 21.22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 1.2	ČSN EN 60079-14, ČSN EN 60079-10-1