5 year warranty

EXTEND-Ex-P-LED

IP 66

Application: premises with danger of explosion. Light fixture is certified by FTZÚ Ostrava-Radvanice (certificate FTZÚ 16 ATEX 0167X).

Ballast: Electronic ballast 220 – 250 V, 0 Hz DC
Electronic ballast 110 – 254 V, 50/60 Hz AC

Body: Plastic material **GRP** (polystyr filled with fibreglass), grey colour RAL7035

Cover: Plastic material **PC** (polycarbonate), transparent colour

Reflector: White painted metal sheet RAL9003

Fastening: Direct fastening on the carrier base, fastening on ceiling or wall by means of set of ceiling brackets or suspension with suspension brackets.

Connection: WAGO® Ex terminal block, max. diameter of wires 4,0 mm^2; light fixture is ready to connect two wires (order additional cable gland)

Calculated lifetime – LED modules: L80B10 ta40 – 70 000h
L70B10 ta40 – 100 000h

On request: **Em** – non-maintained emergency lighting (1 h, 3 h)
MULTI – maintained emergency lighting (1 h, 3 h)
4K-6K – colour temperature
1/3 F – one or three phase through-wiring connection
NANO – light fixture protected by special nanolayer (hydrophobic, oleophobic or antibacterial protection)

		Tc/λ	(lm)*	(W)**	AxBxC (mm)
– electronic ballast with disconnector, -20°C ≤ ta ≤ +55°C					
054720	EXTEND-Ex-P-LED-D-2500-218-4K	4000K	2307	28	728 x 244 x 154
054721	EXTEND-Ex-P-LED-D-5000-236-4K	4000K	4454	55	1328 x 244 x 154
– electronic ballast without disconnector, -20°C ≤ ta ≤ +55°					
054730	EXTEND-Ex-P-LED-WOD-2500-218-4K	4000K	2307	28	728 x 244 x 154
054731	EXTEND-Ex-P-LED-WOD-5000-236-4K	4000K	4454	55	1328 x 244 x 154
– non-maintained emergency mode, duration 1,5h; 3h, ta 0°C ≤ ta ≤ +50°C					
054726	EXTEND-Ex-P-Em-LED-2500-218-4K, 1,5h	4000K	2307	28	728 x 244 x 154
054727	EXTEND-Ex-P-Em-LED-2500-218-4K, 3h	4000K	2307	28	728 x 244 x 154
– non-maintained emergency mode, duration 1,5h; 3h, ta 0°C ≤ ta ≤ +50°C					
054728	EXTEND-Ex-P-Em-LED-5000-236-4K,1,5h	4000K	4454	55	1328 x 244 x 154
054729	EXTEND-Ex-P-Em-LED-5000-236-4K, 3h	4000K	4454	55	1328 x 244 x 154
– maintained emergency mode, duration 1,5h;3h, ta 0°C ≤ ta ≤ +35°C					
054722	MULTIEXTEND-Ex-P-LED-2500-218-4K,1,5h	4000K	2307	28	728 x 244 x 154
054724	MULTIEXTEND-Ex-P-LED-2500-218-4K, 3h	4000K	2307	28	728 x 244 x 154
– maintained emergency mode, duration 1,5h;3h, ta 0°C ≤ ta ≤ +45°C					
054723	MULTIEXTEND-Ex-P-LED-5000-236-4K,1,5h	4000K	4454	55	1328 x 244 x 154
054725	MULTIEXTEND-Ex-P-LED-5000-236-4K, 3h	4000K	4454	55	1328 x 244 x 154
– special equipment					
051200	Set of ceiling brackets EXTEND (2pcs)				
053296	EXTEND set of pole brackets (2pcs)				

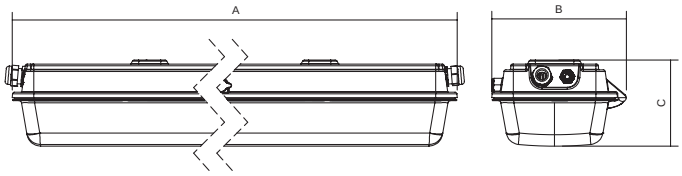
(lm)* - luminous flux, (W)** - input power

Application of light fixtures in areas with danger of explosion

	Marking of external influences	Classification areas	
		Marking	Formation prescription
Danger of explosion of flammable dust	BE3N1	ZÓNA 21,22	ČSN EN 60079-14 ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapors	BE3N2	ZÓNA 1,2	ČSN EN 60079-14 ČSN EN 60079-10-1

EXTEND– Ex – P - LED	**EXTEND– Ex – P - LED -WOD**
Ⓔx II 2G Ex db eb mb OP IS IIC T4 Gb	Ⓔx II 2G Ex eb mb OP IS IIC T4 Gb
Ⓔx II 2D Ex tb IIIC T 71°C Db	Ⓔx II 2D Ex tb IIIC T 71°C Db

FTZÚ 10 ATEX 0080X



System of marking

EXTEND-Ex-P-LED-XXXX-YYY-WOD	EXTEND -Ex – P-LED without disconnector
EXTEND-Ex-P-LED-XXXX-YYY-D	EXTEND -Ex – P -LEDwith disconnector
EXTEND-Ex-P-LED-XXXX-YYY-1P	EXTEND -Ex – P-LED + with one-phase through wiring connection
EXTEND-Ex-P-LED-XXXX-YYY-3P	EXTEND -Ex – P-LED + with three-phase through wiring connection

xxxx - means luminous flux 2500/5000
YYY – means type of used housing 218/236

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EUROPEAN REGIONAL DEVELOPMENT FUND
INVESTMENT IN YOUR FUTURE

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ČVUT - Faculty of Electrical Engineering cooperated on this project

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