



EXTRA-Ex-LED

IP 66



Application: Dustproof luminaire EXTRA-Ex-LED with resistance against splashing water is determined for lighting areas with danger of explosion. Luminaire is certified by FTZÚ Ostrava-Radvanice (certificate FTZÚ 16 ATEX 0167X).

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

Light source: LED, 4000K, CRI +80

Body: PC (polycarbonate), RAL7035 (grey)

Cover: PC (polycarbonate), opal

Fastening: Direct fastening on the ceiling or wall with set of fastening springs, with set of suspension bracket, with set of pole bracket, with wire suspender, with wall bracket - angle 45°.

Connection: Screwless three-pole terminal block, max. cross section of wires 4,0 mm²; lighting fixture is ready to looping (option to connect two cables, order additional cable gland)

Standard equipment: 1pc explosion proof plastic cable gland M20x1,5 (standardly for diameter of cable 7-12mm), 1pc explosion-proof plastic plug, 2pcs stainless steel fastening springs-AISI 304, stainless steel clips, double clamp of cable

Calculated lifetime – LED modules: L80B50 ta50 – 60 000h

On request: Em – non-maintained emergency lighting (1,5 h, 3 h)

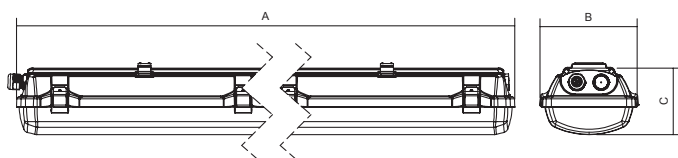
MULTI – maintained emergency lighting (1,5 h, 3 h)

1/3F – one or three phase through wiring connection

3000K, 4000K, 6000K – temperature of chromaticity

NANO – light fixture is protected by special nanolayer (hydrophobic, oleophobic or antibacterial protection)

FTZÚ 16 ATEX 0167X



		l _m *	(lm)*	(W)**	AxBxC (mm)
-20°C < ta < +50°C					
050610	EXTRA-Ex-LED-OP-4000-218-4K	4000	3139	28	670 x 153 x 104
050611	EXTRA-Ex-LED-OP-8000-236-4K***	4000	6561	53	1280 x 153 x 104

- maintained emergency mode, duration, 1,5h; 3h, 0°C < ta < +35°C					
050614	MULTIEXTRA-Ex-LED-OP-8000-236-4K, 1,5h	4000	6561	53	1280 x 153 x 104
050615	MULTIEXTRA-Ex-LED-OP-8000-236-4K, 3h	4000	6561	53	1280 x 153 x 104

- non-maintained emergency mode , duration, 1,5h; 3h, 0°C < ta < +50°C					
050612	EXTRA-Ex-LED-Em-OP-900-236-4K, 1,5h	4000	778	5	1280 x 153 x 104
050613	EXTRA-Ex-LED-Em-OP-500-236-4K, 3h	4000	413	3	1280 x 153 x 104

- accessories to order	
008060	Explosion-proof plastic cable gland M20x1,5
008090	Explosion-proof plastic plug M20x1,5
007047N	Flat sealing ring EPDM 27x18,5x1,5mm
008097	Plastic nut WISKA EMUG 20 M20x1,5
001696	Wire suspender EXTRA (1pc)
051131	Suspension bracket EUROPA/ EXTRA/ VIPET-3m (2pcs)
051157	EXTRA pole bracket for diameter Ø50mm-AISI 304 (1pc)
064643	EXTRA set of wall brackets - angle 45°-AISI 304 (2pcs)
001748 LAK	Protective cage EUROPA/ EXTRA/ VIPET/ 2V18-2x18W
001749 LAK	Protective cage EUROPA/ EXTRA/ VIPET/ 2V36-2x36W
001750 LAK	Protective cage EUROPA/ EXTRA/ VIPET/ 2V58-2x58W

(lm)* - luminous flux (W)** - input power *** - for 110V, 50/60Hz ta +40°C

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	ZONA 21,22	ČSN EN 60079-14 ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapors	BE3N2	ZONA 1,2	ČSN EN 60079-14 ČSN EN 60079-10-1

EXTRA-Ex-LED, MULTIEXTRA-Ex-LED, EXTRA-Ex-LED-Em	
⊕ II 2G Ex eb mb op is IIC T4 Gb	
⊕ II 2D Ex tb op is IIC T67°C Db	

System of marking

EXTRA-Ex-LED-XXXX-YYY	- type for standard operation
EXTRA-Ex-LED-XXXX-YYY-1F	- with one phase through wiring connection
EXTRA-Ex-LED-XXXX-YYY-3F	- with three phase through wiring connection
XXXX - luminous flux (lumen) 4000/8000	
YYY - type of used housing 218/236	



For areas with the appearance of oily emulsions, aggressive chemicals, vibration, mechanical stress we recommend to use the fixtures series PITBUL-Ex (LED), RAMBO-Ex, AQUA-Ex, EXTEND-Ex (LED).