

EXTEND-Ex-P

IP 66



Application: dustproof light fixture with resistance against water jets is designed for premises with danger of explosion. Light fixture is certified by FTZU Ostrava-Radvanice (certificate FTZU 10 ATEX 0229X).

Ballast: Electronic ballast 220-250 V/50-60 Hz AC, 220-250 V
Electronic ballast 110-127 V/50-60 Hz AC, 110-127 V DC

Body: Plastic material GRP (polyester 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 mm²; light fixture is ready to connect two wires (order additional cable gland)

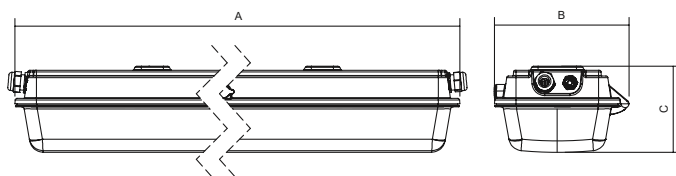
Standard equipment: 1 pc sealing cable gland, 2 pcs sealing plug, double clamp of wire

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

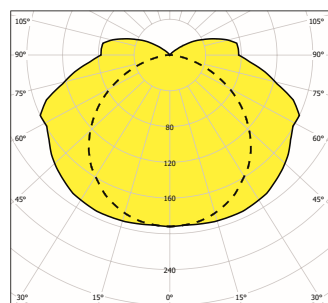
MULTI – maintained emergency lighting (1 h, 3 h)

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

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



EXTEND-Ex-P, 2x36W, IP66



FTZÚ 10 ATEX 0229X

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ČVUT - Faculty of Electrical Engineering cooperated on this project



EUROPEAN UNION

EUROPEAN REGIONAL DEVELOPMENT FUND

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		AsBc (mm)
– electronic ballast without disconnecter, -20°C ≤ ta ≤ +50°C		
054702	EXTEND-Ex-P-158-WOD, 1x58W	1628 x 244 x 154
054703	EXTEND-Ex-P-258-WOD, 2x58W	1628 x 244 x 154
– electronic ballast with disconnecter, -20°C ≤ ta ≤ +50°		
054706	EXTEND-Ex-P-158-D, 1x58W	1628 x 244 x 154
054707	EXTEND-Ex-P-258-D, 2x58W	1628 x 244 x 154
– electronic ballast without disconnecter, -20°C ≤ ta ≤ +60°C		
054700	EXTEND-Ex-P-118-WOD, 1x18W	728 x 244 x 154
054701	EXTEND-Ex-P-218-WOD, 2x18W	728 x 244 x 154
053240	EXTEND-Ex-P-136-WOD, 1x36W	1328 x 244 x 154
053241	EXTEND-Ex-P-236-WOD, 2x36W	1328 x 244 x 154
– electronic ballast with disconnecter, -20°C ≤ ta ≤ +60°C		
054704	EXTEND-Ex-P-118-D, 1x18W	728 x 244 x 154
054705	EXTEND-Ex-P-218-D, 2x18W	728 x 244 x 154
053250	EXTEND-Ex-P-136-D, 1x36W	1328 x 244 x 154
053251	EXTEND-Ex-P-236-D, 2x36W	1328 x 244 x 154
– non-maintained emergency mode, duration 1,5h, ta 0 ≤ ta ≤ 40°C		
054710	EXTEND-Ex-P-118-Em, 1x18W, 1,5h	728 x 244 x 154
053252	EXTEND-Ex-P-136-Em, 1x36W, 1,5h	1328 x 244 x 154
054711	EXTEND-Ex-P-158-Em, 1x58W, 1,5h	1628 x 244 x 154
– electronic ballast, maintained emergency mode, duration 1,5h, ta 0 ≤ ta ≤ 40°C		
054716	MULTIEXTEND-Ex-P-118-D, 1x18W, 1,5h	728 x 244 x 154
054717	MULTIEXTEND-Ex-P-218-D, 2x18W, 1,5h	728 x 244 x 154
053254	MULTIEXTEND-Ex-P-136-D, 1x36W, 1,5h	1328 x 244 x 154
053255	MULTIEXTEND-Ex-P-236-D, 2x36W, 1,5h	1328 x 244 x 154
054718	MULTIEXTEND-Ex-P-158-D, 1x58W, 1,5h	1628 x 244 x 154
054719	MULTIEXTEND-Ex-P-258-D, 2x58W, 1,5h	1628 x 244 x 154
– special equipment		
051139	Set of ceiling brackets EXTEND (2pcs)	
004642	EXTEND set of pole brackets (2pcs)	

Application of light fixtures in areas with danger of explosion

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

EXTEND-Ex-P	EXTEND-Ex-P-WOD
Ⓜ II 2G Ex db e mb IIC T4 Gb	Ⓜ II 2G Ex e mb IIC T4 Gb
Ⓜ II 2D Ex tb IIIC T 72°C Db, IP66	Ⓜ II 2D Ex tb IIIC T 72°C Db, IP66

System of marking and overview of the approved variant of light fixtures

EXTEND-Ex-P-yy-WOD	EXTEND-Ex-P without disconnecter
EXTEND-Ex-P-y36-D	EXTEND-Ex-P with disconnecter
EXTEND-Ex-P-y36-1P	EXTEND-Ex-P+ with one-phase through wiring connetion
EXTEND-Ex-P-x36-3P	EXTEND-Ex-P+ with three-phase through wiring connetion

y – marking number of lamps (1 / 2)