

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, 220-250 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)

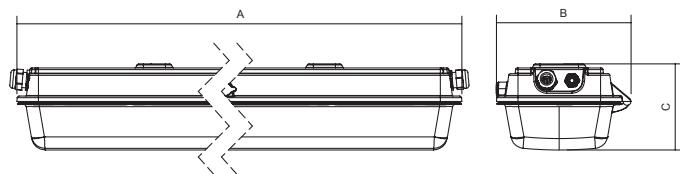
Standard equipment: 1 pc sealing cable gland, 2 pcs sealing plug, double clamp of wire

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

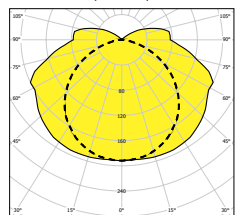
MULTI – maintained emergency lighting (1 h, 3 h)

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



— CO-C180 - - - - C90-C270

FTZÚ 10 ATEX 0229X

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 ČVUT - Faculty of Electrical Engineering cooperated on this project



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| | | AxBxC (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 | | |
| 051200 | Set of ceiling brackets EXTEND (2pcs) | |
| 053296 | EXTEND set of pole brackets (2pcs) | |
| 004642 | Suspension bracket M8 | |

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 | 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-36-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)