

# EXTRA-N-LED

IP 66 /  zone 2, 22



**NEW** version - deep radiant **EXTRA-N-LED-H**

FTZÚ 16 ATEX 0102X



**Application:** Dustproof lighting fixture EXTRA-N-LED with splash water resistance designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 16 ATEX 0102X).

**Ballast:** EP – electronic 220 – 240 V, 50/60 Hz, 220 – 240 V, 0 Hz DC

**Light source:** LED, 4000K, CRI +80, MacAdam3

**Housing:** Plastic material PC (polycarbonate), grey colour RAL 7035

**Diffuser:** PC (polycarbonate), opal PC (polycarbonate) clear (just H version)

**Fastening:** Surface ceiling or wall mounting by means of two self-locking fastening brackets (standard equipment) or set of wall brackets - angle 45°, pole mounting via set of pole brackets, suspension by means of wire or cable suspenders.

**Connection:** Screwless three-pole terminal block, maximum diameter of wires 2.5 mm<sup>2</sup>

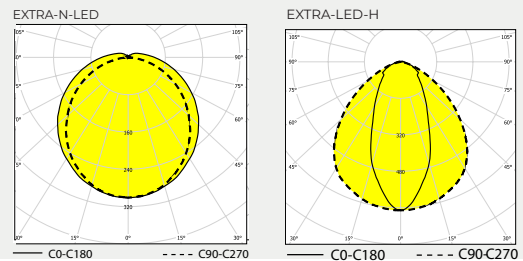
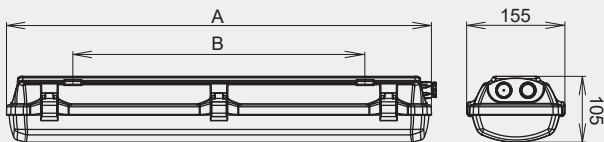
**Standard equipment:** 1pc EX plastic cable gland M20x1.5 (as a standard for diameter of cable 7-12mm), 1 pc EX plastic plug M20x1.5, 2 pcs stainless steel fastening bracket-AISI 304, stainless clips, double cable clip.

**Calculated lifetime – LED modules:** L80B10 ta30 – 70 000h, L70B10 ta30 – 100 000h

**EXTRA-N-LED, MULTIEXTRA-N-LED, EXTRA-N-LED-Em**

 II 3G Ex nR IIC T6 Gc

 II 3D Ex tc IIIC T80°C Dc



| Order number                      | Name                          | Lighting fixture luminous flux (lm) | Power input (W) | Rated power output (lm/W) | Ta max (°C) | Dimensions of lighting fixture A (mm) | Mounting spacing B (mm) | Weight (kg) |
|-----------------------------------|-------------------------------|-------------------------------------|-----------------|---------------------------|-------------|---------------------------------------|-------------------------|-------------|
| <b>4000K</b>                      |                               |                                     |                 |                           |             |                                       |                         |             |
| 055660                            | EXTRA-N-LED-1250-218-G2-4K    | 1171                                | 8               | 146                       | 45          | 670                                   | 460                     | 1,8         |
| 055661                            | EXTRA-N-LED-2500-218-G2-4K    | 2251                                | 15              | 150                       | 60          | 670                                   | 460                     | 1,8         |
| 055662                            | EXTRA-N-LED-5000-218-G2-4K    | 4357                                | 29              | 150                       | 55          | 670                                   | 460                     | 1,7         |
| 055663                            | EXTRA-N-LED-2500-236-G2-4K    | 2251                                | 15              | 150                       | 60          | 1280                                  | 880                     | 3,1         |
| 055664                            | EXTRA-N-LED-5000-236-G2-4K    | 4503                                | 29              | 155                       | 60          | 1280                                  | 880                     | 3,1         |
| 055665                            | EXTRA-N-LED-10000-236-G2-4K   | 8715                                | 58              | 150                       | 40          | 1280                                  | 880                     | 3,2         |
| 055666                            | EXTRA-N-LED-3750-258-G2-4K    | 3377                                | 24              | 141                       | 55          | 1580                                  | 1000                    | 3,6         |
| 055667                            | EXTRA-N-LED-7500-258-G2-4K    | 6754                                | 44              | 154                       | 55          | 1580                                  | 1000                    | 3,6         |
| 055668                            | EXTRA-N-LED-12550-258-G2-4K   | 11172                               | 74              | 151                       | 45          | 1580                                  | 1000                    | 3,8         |
| 055669                            | EXTRA-N-LED-16700-258-G2-4K   | 13730                               | 94              | 146                       | 40          | 1580                                  | 1000                    | 3,8         |
| 055670                            | EXTRA-N-LED-20000-258-G2-4K   | 16311                               | 115             | 142                       | 40          | 1580                                  | 1000                    | 3,8         |
| <b>„H“ version - deep radiant</b> |                               |                                     |                 |                           |             |                                       |                         |             |
| 055720                            | EXTRA-N-LED-H-7500-258-G2-4K  | 7308                                | 44              | 166                       | 45          | 1580                                  | 1000                    | 3           |
| 055710                            | EXTRA-N-LED-H-12550-258-G2-4K | 11932                               | 74              | 161                       | 45          | 1580                                  | 1000                    | 3,8         |
| 055711                            | EXTRA-N-LED-H-16700-258-G2-4K | 14960                               | 95              | 157                       | 50          | 1580                                  | 1000                    | 3,8         |
| 055712                            | EXTRA-N-LED-H-20000-258-G2-4K | 17903                               | 117             | 153                       | 40          | 1580                                  | 1000                    | 3,8         |

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

## Accessories on request



**Suspended mounting**  
001696 Wire suspension EXTRA



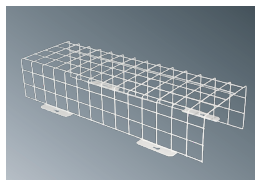
**Suspended mounting**  
051131 Cable suspension-EXTRA-2x (3m)



064643 Set of wall brackets - angle 45° EXTRA (2 pcs)



051157 Pole bracket EXTRA (for Ø 50 mm)



001748 LAK Protective cage EXTRA 18W  
001749 LAK Protective cage EXTRA 36W  
001750 LAK Protective cage EXTRA 58W

| Standard accessories M20 |                                       | Accessories for armoured cable M20 |  | Nickel-plated accessories M20 |  |
|--------------------------|---------------------------------------|------------------------------------|--|-------------------------------|--|
| 008060                   | Plastic cable gland Ex M20x1.5        | 008052                             | Cable gland BIMED M20x1.5 ORION UNIVERSAL (8+/- 0.5Nm)   | 008092                        | Cable gland WISKA EMSKE20 M20x1.5 Ex-nickel-plated brass ( 8 Nm) |
| 007047N                  | Flat sealing ring EPDM 27x18.5x1.5 mm | 008091                             | Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass | 008093                        | Nut WISKA EMMU20 M20x1.5 - nickel-plated brass                   |
| 008090                   | Plastic sealing plug Ex M20x1.5       | 008093                             | Nut WISKA EMMU20 M20x1.5 -nickel-plated brass            | 008091                        | Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass         |
| 008097                   | Plastic nut WISKA EMUG 20 M20x1.5     | 007047N                            | Flat sealing ring EPDM 27x18.5x1.5 mm                    | 007047N                       | Flat sealing ring EPDM 27x18.5x1.5 mm                            |

## Lighting fixture detail



## On request

**DIM** – dimmable electronic ballast (DALI,DSI, 1-10V)

**GESIS** – possibility to equip lighting fixtures with connectors

**NANO** – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

**EM-1/3** - non-maintained emergency lighting

**MULTI-1/3** - maintained emergency lighting

**2.7K-6.5K** - colour temperature

**1/3 F** - single-phase or three phase through wiring connection 2.5 mm<sup>2</sup>

| Stadard order number | MULTI-1H                               | MULTI-3H | DALI   | 1F                                     | 3F               |
|----------------------|--|----------|--------|--|------------------|
| 055660               | 055688                                 | 055695   | 055671 | 055660 1F 2,5MM2                       | 055660 3F 2,5MM2 |
| 055661               | 055689                                 | 055696   | 055672 | 055661 1F 2,5MM2                       | 055661 3F 2,5MM2 |
| 055662               | X                                      | X        | 055673 | 055662 1F 2,5MM2                       | 055662 3F 2,5MM2 |
| 055663               | 055690                                 | 055697   | 055674 | 055663 1F 2,5MM2                       | 055663 3F 2,5MM2 |
| 055664               | 055691                                 | 055698   | 055675 | 055664 1F 2,5MM2                       | 055664 3F 2,5MM2 |
| 055665               | X                                      | X        | 055676 | 055665 1F 2,5MM2                       | 055665 3F 2,5MM2 |
| 055666               | 055692                                 | 055699   | 055677 | 055666 1F 2,5MM2                       | 055666 3F 2,5MM2 |
| 055667               | 055693                                 | 055700   | 055678 | 055667 1F 2,5MM2                       | 055667 3F 2,5MM2 |
| 055668               | 055694                                 | 055701   | 055679 | 055668 1F 2,5MM2                       | 055668 3F 2,5MM2 |
| 055669               | X                                      | X        | 055680 | 055669 1F 2,5MM2                       | 055669 3F 2,5MM2 |
| 055670               | X                                      | X        | 055681 | 055670 1F 2,5MM2                       | 055670 3F 2,5MM2 |
| 055710               | X                                      | X        | 055713 | 055710 1F 2,5MM2                       | 055710 3F 2,5MM2 |
| 055711               | X                                      | X        | 055714 | 055711 1F 2,5MM2                       | 055711 3F 2,5MM2 |
| 055712               | X                                      | X        | 055715 | 055712 1F 2,5MM2                       | 055712 3F 2,5MM2 |
| 055682               | EXTRA-N-LED-Em-500-218-G2-4K, IP66, 1h |          | 055685 | EXTRA-N-LED-Em-500-218-G2-4K, IP66, 3h |                  |
| 055683               | EXTRA-N-LED-Em-500-236-G2-4K, IP66, 1h |          | 055686 | EXTRA-N-LED-Em-500-236-G2-4K, IP66, 3h |                  |
| 055684               | EXTRA-N-LED-Em-500-258-G2-4K, IP66, 1h |          | 055687 | EXTRA-N-LED-Em-500-258-G2-4K, IP66, 3h |                  |

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

Danger of explosion of flammable dust  
Danger of explosion of flammable gases and vapours

### Marking of external influences

BE3N1  
BE3N2

### Marking

ZONE 22  
ZONE 2

### Area classification

#### Directive

ČSN EN 60079-14, ČSN EN 60079-10-2  
ČSN EN 60079-14, ČSN EN 60079-10-1