



NORD-N-LED-OPG

IP 66 / Ex zone 2, 22

5 year warranty

SILICONE FREE

IK10 (5kg@40cm)



FTZÚ 17 ATEX 0026X

Application: The dustproof recessed lighting fixture NORD-N-LED with splash water resistance is designed for areas with danger of explosions. They can be used in paint boxes and paint shops. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 17 ATEX 0026X).

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

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

Housing: White painted steel sheet RAL 9003

Diffuser: OPG – opal hardened safety glass in a frame

Reflector: White painted steel sheet RAL 9003

Fastening: Recessed ceiling mounting (it is necessary to ensure sufficiently strong supporting base)

Connection: Screwless three-pole terminal block, max. diameter of wires 2.5 mm²

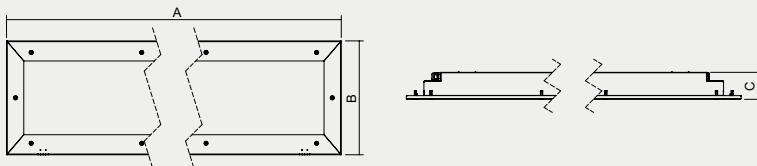
Standard equipment: 2 pcs EX M20 cable glands for diameter of cable 7-12mm and 3 pcs EX M20 sealing plug

Calculated lifetime – LED modules: L80B10 ta35 – 70 000h
L70B10 ta35 – 100 000h

NORD-N-LED, MULTINORD-N-LED, NORD-N-LED-Em

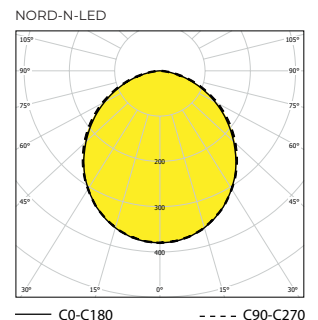
Ⓜ II 3G Ex nR IIC T6 Gc

Ⓜ 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 x B x C (mm) | Mounting hole (mm) | Weight (kg) |
|--------------|--------------------------------|-------------------------------------|-----------------|---------------------------|-------------|---|--------------------|-------------|
| 080100 | NORD-N-LED-OPG-5000-218-G2-4K | 4524 | 29 | 156 | 60 | 767x386x92 | 720x330 | 9,5 |
| 080101 | NORD-N-LED-OPG-10000-236-G2-4K | 9048 | 58 | 156 | 50 | 1367x386x92 | 1320x330 | 16,3 |
| 080102 | NORD-N-LED-OPG-15000-258-G2-4K | 13572 | 88 | 154 | 45 | 1667x386x92 | 1620x330 | 20,9 |
| 080103 | NORD-N-LED-OPG-10000-418-G2-4K | 9172 | 58 | 158 | 55 | 767x536x92 | 720x480 | 13,4 |
| 080104 | NORD-N-LED-OPG-18300-436-G2-4K | 16489 | 103 | 160 | 50 | 1367x536x92 | 1320x480 | 22,4 |
| 080105 | NORD-N-LED-OPG-29000-458-G2-4K | 26322 | 166 | 159 | 45 | 1667x536x92 | 1620x480 | 27,7 |

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



Accessories on request

Standard accessories M20

| | |
|---------|---------------------------------------|
| 008060 | Plastic cable gland Ex M20x1.5 |
| 007047N | Flat sealing ring EPDM 27x18.5x1.5 mm |
| 008097 | Plastic nut WISKA EMUG 20 M20x1.5 |
| 008090 | Sealing plug Ex M20x1.5 |

Accessories for armoured cable M20

| | |
|---------|--|
| 008052 | Cable gland BIMED M20x1.5 ORION UNIVERSAL (8+/- 0.5Nm) |
| 008091 | Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass |
| 008093 | Nut WISKA EMMU20 M20x1.5 - nickel-plated brass |
| 007047N | Flat sealing ring EPDM 27x18.5x1.5 mm |

Accessories for armoured cable M25

| | |
|--------|--|
| 008056 | BIMED KBA 2M(25) Brass M25x1.5 |
| 008089 | Plastic sealing plug Ex M25x1.5 |
| 008035 | Nut WISKA EMMU25 M25x1.5 - nickel-plated brass |
| 007075 | Flat sealing ring EPDM 32x23.5x1.5 mm |

Standard accessories M25

| | |
|--------|---|
| 008061 | Cable gland OBO V-TEC EX M25x1.5 - 2050331 (5.0 Nm) |
| 008089 | Plastic sealing plug Ex M25x1.5 |
| 008102 | Plastic nut WISKA EMUG 25 M25x1.5 black |
| 007075 | Flat sealing ring EPDM 32x23.5x1.5 mm |

Nickel-plated accessories M20

| | |
|---------|---|
| 008092 | Cable gland WISKA EMSKE20 M20x1.5 Ex-nickel-plated brass (8 Nm) |
| 008093 | Nut WISKA EMMU20 M20x1.5 - nickel-plated brass |
| 008091 | Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass |
| 007047N | Flat sealing ring EPDM 27x18.5x1.5 mm |

Lighting fixture detail



On request

DIM – dimmable electronic ballast (DALI)

2.7K-6.5K - colour temperature

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

MULTI-1h/3h - maintained emergency lighting

1/3 F - single-phase or three phase through wiring connection, max. diameter of wires 2.5mm²

NEREZ – housing produced from stainless steel AISI 304 or AISI 316

(in case of the design STAINLESS, the ambient temperature lower by approximately 5-10°C)

RAL - other colour scale

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

| Standard order number | MULTI-1H | MULTI-3H | DALI | 1F | 3F |
|-----------------------|----------|----------|-------------|-----------|-----------|
| 080100 | 080106 | 080112 | 080100 DALI | 080100 1F | 080100 3F |
| 080101 | 080107 | 080113 | 080101 DALI | 080101 1F | 080101 3F |
| 080102 | 080108 | 080114 | 080102 DALI | 080102 1F | 080102 3F |
| 080103 | 080109 | 080115 | 080103 DALI | 080103 1F | 080103 3F |
| 080104 | 080110 | 080116 | 080104 DALI | 080104 1F | 080104 3F |
| 080105 | 080111 | 080117 | 080105 DALI | 080105 1F | 080105 3F |

| Use of lighting fixtures in areas with danger of explosion | Marking of external influences | Area classification | |
|--|--------------------------------|---------------------|------------------------------------|
| | | Marking | Directive |
| Danger of explosion of flammable dust | BE3N1 | ZONE 22 | ČSN EN 60079-14, ČSN EN 60079-10-2 |
| Danger of explosion of flammable gases and vapours | BE3N2 | ZONE 2 | ČSN EN 60079-14, ČSN EN 60079-10-1 |