

# NORD-N-LED-OPG

IP 66 /  zone 2, 22



**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 mm<sup>2</sup>

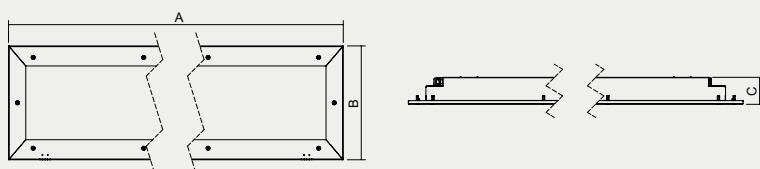
**Standard equipment:** 2 pcs EX M20 cable glands for diameter of cable 7-12mm and 3 pcs EX M20 sealing plug

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

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

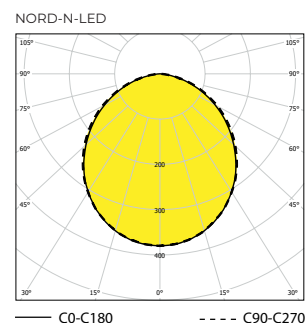
Ⓜ II 3G Ex nR IIC T6 Gc

Ⓜ 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 2.5mm<sup>2</sup>

**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

Danger of explosion of flammable dust

Danger of explosion of flammable gases and vapours

### Marking of external influences

BE3N1

BE3N2

### Area classification

Marking

Directive

ZONE 22

ZONE 2

ČSN EN 60079-14, ČSN EN 60079-10-2

ČSN EN 60079-14, ČSN EN 60079-10-1