



# NORD-N-LED

IP 66 / Ex zone 2, 22

**5 year warranty**



**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:** OP – 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>

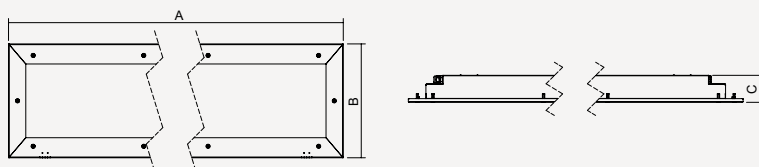
**Standard equipment:** 2 pcs EX M20 cable glands for diameter of cable 7-12mm and 3 pcs EX M20 sealing plug

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

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

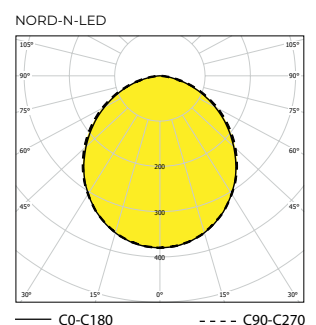
Ⓜ II 3G Ex nR IIC T6 Gc

Ⓜ II 3D Ex tc IIIC T63°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)
055880	NORD-N-LED-5000-218-4K	4428	33	134	55	767x386x92	720x330	9,5
055881	NORD-N-LED-10000-236-4K	8857	66	134	50	1367x386x92	1320x330	16,3
055882	NORD-N-LED-15000-258-4K	13286	100	133	45	1667x386x92	1620x330	20,9
055883	NORD-N-LED-10000-418-4K	8827	66	134	45	767x536x92	720x480	13,4
055884	NORD-N-LED-18300-436-4K	15766	116	136	40	1367x536x92	1320x480	22,4
055885	NORD-N-LED-29000-458-4K	25050	186	135	40	1667x536x92	1620x480	27,7

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



Lighting fixtures for areas with danger of explosions

## 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
055880	055886	055892	055880 DALI	055880 1F	055880 3F
055881	055887	055893	055881 DALI	055881 1F	055881 3F
055882	055888	055894	055882 DALI	055882 1F	055882 3F
055883	055889	055895	055883 DALI	055883 1F	055883 3F
055884	055890	055896	055884 DALI	055884 1F	055884 3F
055885	055891	055897	055885 DALI	055885 1F	055885 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