

NORD-N-LED-CG

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: CG – clear hardened safety glass in a frame

Optics: ACL LINEAR LENS 24mm BATWING

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

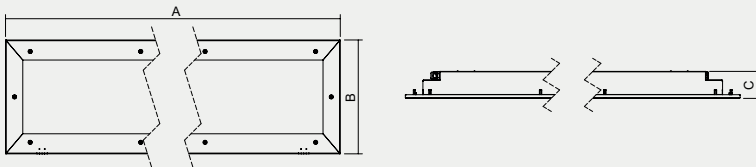
Standard equipment: 2 pcs EX M20 cable glands for diameter of cable 7-12mm and 3 pcs EX M20 sealing plug

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

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

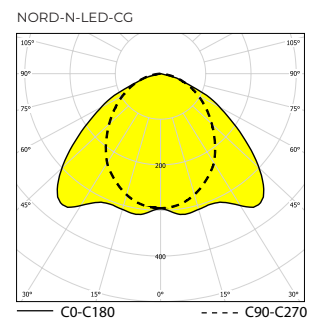
Ⓜ II 3G Ex nR IIC T6 Gc

Ⓜ 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)	Replacement of T8 (W)
080120	NORD-N-LED-CG-2100-218-G2-4K	1830	11	166	60	767x386x92	720x330	9,5	2x18
080123	NORD-N-LED-CG-3400-418-G2-4K	2899	18	161	55	767x536x92	720x480	13,4	3x18
080126	NORD-N-LED-CG-4000-418-G2-4K	3593	22	163	55	767x536x92	720x480	13,4	4x18
080121	NORD-N-LED-CG-5100-236-G2-4K	4669	30	155	50	1367x386x92	1320x330	16,3	2x36
080124	NORD-N-LED-CG-8200-436-G2-4K	7186	45	159	50	1367x536x92	1320x480	22,4	3x36
080127	NORD-N-LED-CG-9500-436-G2-4K	8538	54	158	50	1367x536x92	1320x480	22,4	4x36
080122	NORD-N-LED-CG-8000-258-G2-4K	7396	47	157	45	1667x386x92	1620x330	20,9	2x58
080125	NORD-N-LED-CG-12500-458-G2-4K	10779	67	160	45	1667x536x92	1620x480	27,7	3x58
080128	NORD-N-LED-CG-15000-458-G2-4K	12807	81	158	45	1667x536x92	1620x480	27,7	4x58

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
080120	080129	080138	080120 DALI	080120 1F	080120 3F
080121	080130	080139	080121 DALI	080121 1F	080121 3F
080122	080131	080140	080122 DALI	080122 1F	080122 3F
080123	080132	080141	080123 DALI	080123 1F	080123 3F
080124	080133	080142	080124 DALI	080124 1F	080124 3F
080125	080134	080143	080125 DALI	080125 1F	080125 3F
080126	080135	080144	080126 DALI	080126 1F	080126 3F
080127	080136	080145	080127 DALI	080127 1F	080127 3F
080128	080137	080146	080128 DALI	080128 1F	080128 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