

# 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>

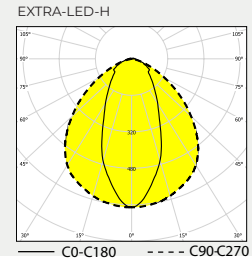
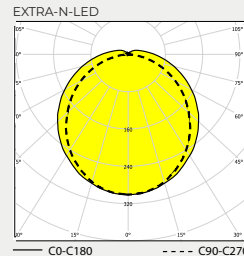
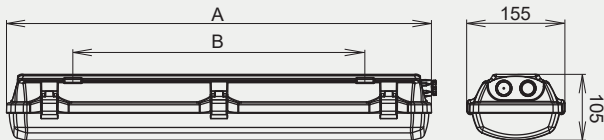
**Standard equipment:** 1pc EX plastic cable gland M20x1.5 (as a standard for diameter of cable 7-12mm), 1 pc EX plastic plug M20x1.5, 2 pcs stainless steel fastening bracket-AISI 304, stainless clips, double cable clip.

**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



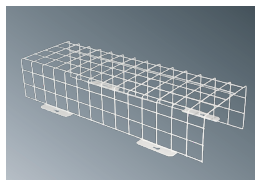
**Suspended mounting**  
051131 Cable suspension-EXTRA-2x (3m)



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

### Marking of external influences

### Area classification

	Marking	Directive
Danger of explosion of flammable dust	BE3N1	ZONE 22
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 2