

# BASET-N-LED

IP 66 /  zone 2, 22



FTZÚ 18 ATEX 0048X

**Application:** Dustproof lighting fixture BASET-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 18 ATEX 0048X).

**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

**Fastening:** Surface ceiling or wall mounting by means of two self-locking fastening brackets (standard equipment), suspension by means of wire or cable suspenders.

**Connection:** Screwless three-pole terminal block, maximum diameter of wires 2.5 mm<sup>2</sup>

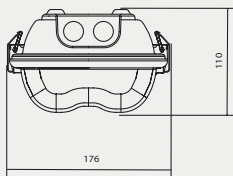
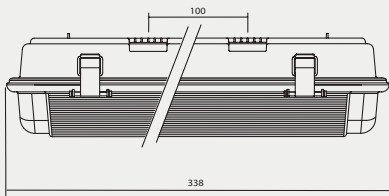
**Standard equipment** 1 pc EX cable gland M20 for diameter of cable 7-12mm including sealing, 3x EX sealing plug, 2 pcs fastening bracket, set of pictograms (only for emergency versions - MULTI / Em)

**Calculated lifetime – LED modules:** L80B10 ta30 – 60 000h  
L70B10 ta30 – 90 000h

**BASET-N-LED, MULTIBASET-N-LED, BASET-N-LED-Em**

Ⓜ II 3G Ex nR IIC T6 Gc

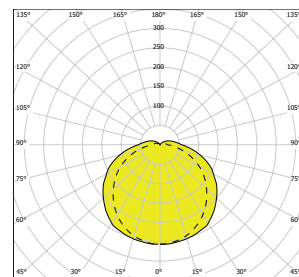
Ⓜ II 3D Ex tc IIIC T65°C Dc



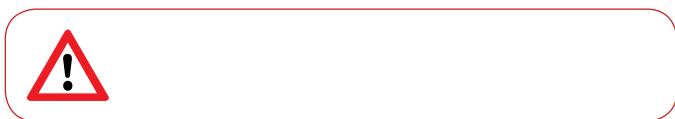
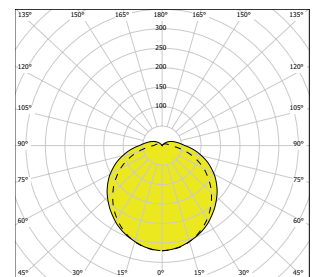
Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Weight (kg)
051945	BASET-N-LED-1R-1300-4K	1160	9	129	50	338 x 176 x 110	0,8
051944	BASET-N-LED-1R-1500-4K	1312	10	131	50	338 x 176 x 110	0,8
051943	BASET-N-LED-1R-1800-4K	1604	13	123	50	338 x 176 x 110	0,8
051942	BASET-N-LED-2R-2250-4K	1941	15	130	40	338 x 176 x 110	0,8
051941	BASET-N-LED-2R-2600-4K	2243	18	125	40	338 x 176 x 110	0,9
051940	BASET-N-LED-2R-2950-4K	2537	20	127	40	338 x 176 x 110	1,2

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

BASET-N-LED-2R

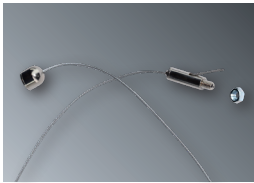


BASET-N-LED-1R



Lighting fixtures for areas with danger of explosions

## Accessories on request



### Suspended mounting

051131 Cable suspension VIPET (2pcs)



### Direct mounting

061066 POINTER wall bracket

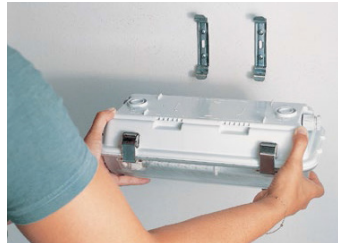
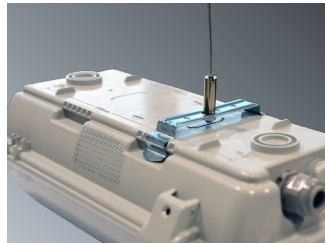
### Standard accessories M20

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

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

**MULTI-1h/3h** - maintained emergency lighting

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

**2.7K-6.5K** - colour temperature

**GESIS** - possibility to equip lighting fixtures with connectors

**DIM** - dimmable electronic ballast (DALI, DSI, 1-10V)

**AT** - autotest

Standard order number	MULTI-1H	MULTI-3H	MULTI-AT-1H	MULTI-AT-3H	DALI	1F	3F	EM
051945	051948	051951	051948 AT	051951 AT	051945 DALI	X	X	051952
051944	051947	051950	051974 AT	051950 AT	051944 DALI	X	X	051953
051943	051946	051949	051946 AT	051949 AT	051943 DALI	X	X	
051942	X	X	X	X	051942 DALI	X	X	
051941	X	X	X	X	051941 DALI	X	X	
051940	X	X	X	X	051940 DALI	X	X	

### Use of lighting fixtures in areas with danger of explosion

### Marking of external influences

### Area classification

	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