

PITBUL-Ex-LED

IP 65 /  zone 1, 21



FTZÚ 16 ATEX 0089X



Application: Dustproof LED luminaire series PITBUL-Ex-LED with resistance against of splashing water is designed for lighting areas with danger of explosion. Luminaire is certified by FTZÚ Ostrava-Radvanice (certificate FTZÚ 16 ATEX 0089X).

Ballast: Electronic 110 – 254 V, 50/60 Hz, 220 – 250 V, 0 Hz DC

Light source: LED, 4000K, CRI +80

Body: White painted metal sheet RAL9003

Cover: Opal tempered safety glass

Fastening: Fastening with M8 screws through the base, with ceiling brackets or adjustable brackets, suspension via suspension brackets, into false ceiling by means of recessed frame, on the pole with set of pole brackets.

Connection: Screwless three-pole terminal block, max. cross section of wires 4,0 mm²

Standard equipment: 1pc plastic cable gland M20x1,5 for diameter of cable 7-12mm, 1pc plastic sealing plug

Calculated lifetime – LED modules:

L80B50 ta 55°C - 50 000h - 418/436

L80B50 ta 60°C - 50 000h - 218/236

PITBUL-Ex-LED, MULTIPITBUL-Ex-LED, PITBUL-Ex-LED-Em

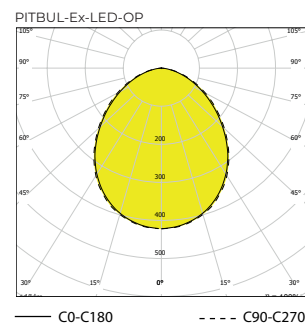
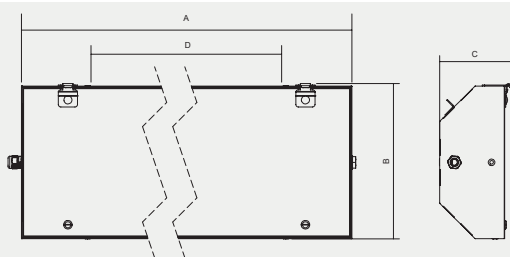
Ⓜ II 2G Ex db eb mb op is IIC T4 Gb

Ⓜ II 2D Ex tb op is IIC T67°C Db

PITBUL-Ex-LED-WOD

Ⓜ II 2G Ex eb mb op is IIC T4 Gb

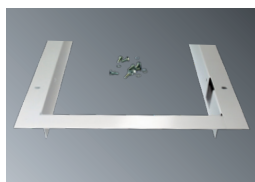
Ⓜ II 2D Ex tb op is IIC T67°C Db



Standard order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	System efficiency (lm/W)	Ta max (°C)	Lighting fixture dimensions A x B x C (mm)	Mounting hole D (mm)	Weight (kg)
053696	PITBUL-Ex-LED-OP-WOD-4000-218-4K	3373	30	112	60	703x310x142	450	7,7
053697	PITBUL-Ex-LED-OP-WOD-8000-418-4K	6663	51	131	55	703x369x142	450	10,3
053698	PITBUL-Ex-LED-OP-WOD-8000-236-4K	6742	53	127	60	1313x310x142	800	15,1
053699	PITBUL-Ex-LED-OP-WOD-16000-436-4K	13447	102	132	55	1313x369x142	800	19,4
053700	PITBUL-Ex-LED-OP-D-4000-218-4K	3373	30	112	60	703x310x142	450	7,7
053701	PITBUL-Ex-LED-OP-D-8000-418-4K	6663	51	131	55	703x369x142	450	10,3
053702	PITBUL-Ex-LED-OP-D-8000-236-4K	6742	53	127	60	1313x310x142	800	15,1
053703	PITBUL-Ex-LED-OP-D-16000-436-4K	13447	102	132	55	1313x369x142	800	19,4

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

Accessories on request



- 053941 Set of recessed frame PITBUL 1x-3x18W
- 053942 Set of recessed frame PITBUL 4x18W
- 053943 Set of recessed frame PITBUL 1x-3x36W
- 053944 Set of recessed frame PITBUL 4x36W



- 054935 PITBUL set of ceiling stainless steel brackets-AISI 304 (2pcs)



- 053940 Set of adjustable brackets PITBUL



- 004642 Suspension bracket DIN 580 M8



- 051146 PITBUL pole bracket for diameter Ø50mm-AISI 304 (1pc)

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 27x18,5x1,5mm

Accessories for armoured cable M25

- 008056 Cable gland BIMED KBA 2M(25) Brass M25x1,5
- 008089 Explosion-proof plastic plug M25x1,5
- 008035 Nut WISKA EMMU25 M25x1,5-nickel-plated brass
- 007075 Flat sealing ring EPDM 32x23,5x1,5mm

Accessories M25

- 008061 Cable gland OBO V-TEC EX M25x1,5 - 2050331 (5,0 Nm)
- 008089 Sealing plug plastic Ex M25x1,5
- 008102 Nut plastic WISKA EMUG 25 M25x1,5 black
- 007075 Flat sealing ring EPDM 32x23,5x1,5mm

Nickel-plated brass accessories M20

- 008092 Cable gland WISKA EMSKE20 M20x1,5 Ex-nickel-plated brass
- 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 27x18,5x1,5mm

Lighting fixture detail



System of marking

PITBUL-Ex-LED-XXXX-YYY-WOD	- without disconnecter
PITBUL-Ex-LED-XXXX-YYY-D	- with disconnecter
PITBUL-Ex-LED-XXXX-YYY-2D	- with two disconnectors
PITBUL-Ex-LED-XXXX-YYY-1F	- one-phase through wiring connection
PITBUL-Ex-LED-XXXX-YYY-3F	- three-phase through wiring connection

XXXX luminous flux value 4000/8000/16000
 YYY type of housing 218/236/418/436

On request

EM-1,5/3 - non-maintained emergency lighting

1/3 F - one or three phase through wiring connection, max. cross section of wires 4,0 mm²

MULTI-1,5/3 - maintained emergency lighting

NANO - light fixture is protected by special nanolayer (hydrophobic, oleophobic or antibacterial protection)

3000/4000/6000K - colour temperature

RAL - another paint colour design

NEREZ - body from stainless steel sheet AISI 304 nebo AISI 316 (at stainless steel design is ambient temperature lower about 5-10°C)

Stadard order number	MULTI-1,5H	MULTI-3H	DALI	1F	3F	FROST*	EM	
053700	053708	053704	X	053700 1F	053700 3F	053690	053712	PITBUL-Ex-Em-LED-OP-600-218-4K
053701	053709	053705	X	053701 1F	053701 3F	053691	053713	PITBUL-Ex-Em-LED-OP-900-236-4K
053702	053710	053706	X	053702 1F	053702 3F	053692	053714	PITBUL-Ex-Em-LED-OP-400-218-4K
053703	053711	053707	X	053703 1F	053703 3F	053693	053715	PITBUL-Ex-Em-LED-OP-500-236-4K

* luminaire suitable for ambient temperature -40°C

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dusts	BE3N1	ZONE 21,22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 1,2	ČSN EN 60079-14, ČSN EN 60079-10-1