

# PITBUL-Ex-LED

IP 65 /  zone 1, 21



IK10 + 20J



FTZÚ 16 ATEX 0089X



**Application:** The dustproof lighting fixture PITBUL-Ex-LED with splash water resistance is designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 16 ATEX 0089X).

**Ballast:** EP – electronic 110 – 254 V, 50/60 Hz, 220 – 250 V, 0 Hz DC

**Light source:** LED, 4000K, CRI +80

**Housing:** White painted steel sheet RAL 9003

**Diffuser:** Opal hardened safety glass with HST test

**Fastening:** Direct surface wall or ceiling mounting via 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, maximum diameter of wires 4 mm<sup>2</sup>

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

**Calculated lifetime – LED modules:** L80B50 ta55°C - 50 000h - 418/436  
L80B50 ta 60°C - 50 000h - 218/236

## PITBUL-Ex-LED

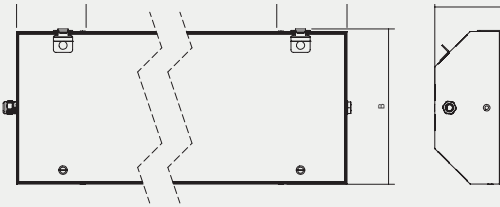
Ⓜ II 2G Ex db eb mb op is IIC T4 Gb

Ⓜ II 2D Ex tb op is IIIC T67°C Db

## PITBUL-Ex-LED-WOD

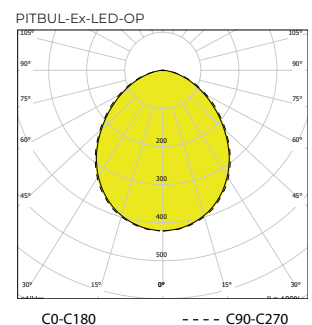
Ⓜ II 2G Ex eb mb op is IIC T4 Gb

Ⓜ II 2D Ex tb op is IIIC T67°C Db



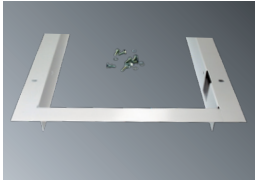




Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Equivalent*	Weight (kg)
<b>version with disconnecter - lighting fixtures suitable for ambient temperatures -20°C</b>									
053684	PITBUL-Ex-LED-OP-D-2750-218-4K	2377	16	149	60	703x310x142	450	3x18W	7,7
053700	PITBUL-Ex-LED-OP-D-4000-218-4K	3373	30	112	60	703x310x142	450	4x18W	7,7
053685	PITBUL-Ex-LED-OP-D-5500-418-4K	4695	30	157	55	703x369x142	450	2x36W	10,3
053701	PITBUL-Ex-LED-OP-D-8000-418-4K	6663	51	131	55	703x369x142	450	X	10,3
053686	PITBUL-Ex-LED-OP-D-5500-236-4K	4784	30	159	60	1313x310x142	800	X	15,1
053702	PITBUL-Ex-LED-OP-D-8000-236-4K	6742	53	127	60	1313x310x142	800	2x58W/3x36W	15,1
053687	PITBUL-Ex-LED-OP-D-11000-436-4K	9546	60	159	55	1313x369x142	800	3x58W	19,4
053703	PITBUL-Ex-LED-OP-D-16000-436-4K	13447	102	132	55	1313x369x142	800	4x58W	19,4
<b>version without disconnecter - lighting fixtures suitable for ambient temperatures -20°C</b>									
053680	PITBUL-Ex-LED-OP-WOD-2750-218-4K	2377	16	149	60	703x310x142	450	3x18W	7,7
053696	PITBUL-Ex-LED-OP-WOD-4000-218-4K	3373	30	112	60	703x310x142	450	4x18W	7,7
053681	PITBUL-Ex-LED-OP-WOD-5500-418-4K	4695	30	157	55	703x369x142	450	2x36W	10,3
053697	PITBUL-Ex-LED-OP-WOD-8000-418-4K	6663	51	131	55	703x369x142	450	X	10,3
053682	PITBUL-Ex-LED-OP-WOD-5500-236-4K	4784	30	159	60	1313x310x142	800	X	15,1
053698	PITBUL-Ex-LED-OP-WOD-8000-236-4K	6742	53	127	60	1313x310x142	800	2x58W/3x36W	15,1
053683	PITBUL-Ex-LED-OP-WOD-11000-436-4K	9546	60	159	55	1313x369x142	800	3x58W	19,4
053699	PITBUL-Ex-LED-OP-WOD-16000-436-4K	13447	102	132	55	1313x369x142	800	4x58W	19,4

Tolerance of luminous flux and power input of the lighting fixture +/- 10%  
\* Luminaires are not a direct replacement. They may vary in length. The required lighting of the room must be verified by calculation.



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta min (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
<b>version FROST - lighting fixtures suitable for ambient temperatures -40°C</b>								
053690	PITBUL-Ex-LED-OP-FROST-WOD-4000-218-4K	3373	30	112	-40	703x310x142	450	10,3
053691	PITBUL-Ex-LED-OP-FROST-WOD-8000-418-4K	6663	51	131	-40	703x369x142	450	10,3
053692	PITBUL-Ex-LED-OP-FROST-WOD-8000-236-4K	6742	53	127	-40	1313x310x142	800	15,1
053693	PITBUL-Ex-LED-OP-FROST-WOD-16000-436-4K	13447	102	132	-40	1313x369x142	800	19,4

## 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 053945 Set of recessed frame PITBUL 1x-3x58W 053946 Set of recessed frame PITBUL 4x58W		054935 Set of stainless steel ceiling brackets PITBUL (2 pcs)
	053940 Set of adjustable brackets PITBUL		004642 Suspension bracket DIN 580 M8 - 1 pc
	051146 Pole bracket PITBUL (for Ø 50 mm)	<b>Accessories for armoured cable M20</b> 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	

## On request

**EM-1.5/3** - non-maintained emergency lighting

**1/3 F** - single-phase or three phase through wiring connection, maximum diameter of wires 4 mm<sup>2</sup>

**MULTI-1.5/3** - maintained emergency lighting

**RAL** - another colour scale

**NEREZ** - body from stainless steel AISI 304 or AISI 316

(in case of STAINLESS STEEL version its declared for ambient temperature decreased about 5-10°C)

**3000/4000/6000K** - colour temperature

Standard order number	MULTI-1,5H	MULTI-3H	DALI	1F	3F	EM	
053684	X	X	X	053684 1F	053684 3F	053712	PITBUL-Ex-Em-LED-OP-600-218-4K
053700	053708	053704	X	053700 1F	053700 3F	053713	PITBUL-Ex-Em-LED-OP-900-236-4K
053685	X	X	X	053685 1F	053685 3F	053714	PITBUL-Ex-Em-LED-OP-400-218-4K
053701	053709	053705	X	053701 1F	053701 3F	053715	PITBUL-Ex-Em-LED-OP-500-236-4K
053686	X	X	X	053686 1F	053686 3F		
053702	053710	053706	X	053702 1F	053702 3F		
053687	X	X	X	053687 1F	053687 3F		
053703	053711	053707	X	053703 1F	053703 3F		
053680	X	X	X	053680 1F	053680 3F		
053696	X	X	X	053696 1F	053696 3F		
053681	X	X	X	053681 1F	053681 3F		
053697	X	X	X	053697 1F	053697 3F		
053682	X	X	X	053682 1F	053682 3F		
053698	X	X	X	053698 1F	053698 3F		
053683	X	X	X	053683 1F	053683 3F		
053699	X	X	X	053699 1F	053699 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 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