



APPLICATION

The pendant light fitting type PLFS LED is intended for use in places with an explosive gas and dust atmosphere. The light fitting is designed for use in the industrial areas and facilities, indoor and outdoor spaces.

Hazardous zones: 1,2, 21, 22.

CONSTRUCTION

Housing: aluminum powder painted casting



Diffuser: borosilicate glass

Accessories: protected galvanized steel gird, assembly kit for wall, pipe and ceiling mounting

Gasket: silicon

LED components: LED-Bridgelux, LED-BJB, LED driver-MW, TI-Amasan

TECHNICAL DATA

Certificate:	EXA 14 ATEX 0028
Marking:	 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	 II 2G Ex d e IIC T6/T5 Gb II 2D Ex tb IIIC T80°C/T85°C Db
Ambient temperature:	-40°C ≤ Ta ≤ +50°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
LED driver:	With OVP, OCP, OTP protection An autonomous activation after recovery
Rated voltage:	90 - 305 V AC 127 - 130 V DC
Frequency:	50/60 Hz
Rated power:	50W
Power factor:	cos φ > 0,96
Nominal luminous flux:	5000 lm, at t _{amb} =25 °C
Average lifetime :	70 000 hours
Cable entrys:	2 x M25x1.5 - ISO 25
Connecting terminals:	L1, L2, L3, N; max. 2 x 2,5 mm ² solid, flexible PE terminal ; max 2x6mm ² External PA terminal -PA; max 2x6mm ²
Cable glands and plugs:	1x cable gland ISO 25 (for cable φ 6-15mm) 1x plug ISO 25
Waight:	6,8 kg
Packing:	The packing contains: 3 pcs 610x390x280 mm

