

Lighting: Fluorescent & LED Lighting Fixture (Pendant), EARS Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 22



Application

Can be installed in hazardous areas designated as Zone 1, Zone 2, and Zone 22.

Suitable for indoor and outdoor use where protection against dirt, water, and moisture is required.

Typical applications include oil refineries, petrochemical plants, and pulp and paper mills.

Specification

- Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
- Tube : Borosilicate glass
- Reflector (option) : Sheet steel with polyester powder coated, RAL 9016 (white)
- Guard (option) : Stainless steel, SS 304

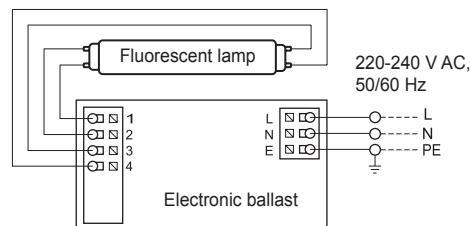
Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	22
Equipment Group/Category	II 2G	II 3D
Symbol of Protection	Ex d IIB T6 Gb	Ex tc IIB T85°C Dc
Conformity to standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +50°C	
Index of Protection	IP54	
Entry Threads	2x 3/4" NPT	
Mounting	Pendant mount	
Rated Voltage	110-240 V AC, 50/60 Hz, P.F. ≥ 0.98	

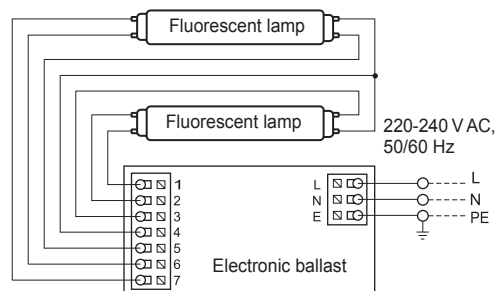


Wiring Diagram

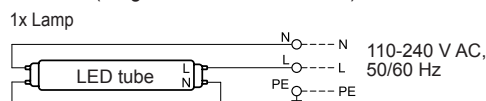
Electronic ballast for fluorescent lamp;
1x 14 W, 1x 28 W, 1x 18 W and 1x 36 W



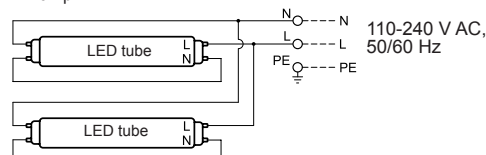
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LED tube (Single-ended, Built-in driver)



2x Lamp



Luminous Intensity Distribution Curve

