

**ATEX/IECEX
CERTIFIED**

**CAT 2
ZONE 1**

7 Series LED Luminaire for GAS and DUST environments



The 7 Series is a 'd' & 'tb' certified light fitting designed for maximum light output which offer the following benefits:

- Low maintenance high output LED light source
- Energy efficient control
- Reduced energy costs with motion sensor option .
- Robust, long life enclosure
- Available in 4 lengths
- Gas Zone 1 and Dust Zone 21 protection
- Emergency option available.
- Minimum operating life of LED module 50,000 hours

Product Details

Specification	Details
Full Certification Code	II2 GD Ex d IIC T6 Gb Ex tb IIIC T85°C Db
Protection type	Ex d (flameproof & Ex tb (dust)
Temperature Rating	T6 @ Ta = 55°C
Certification Standards	EN 60079-0,1,31 IEC 60079-0,1,31
Certificate(s)	CML14ATEX1028X
Suitable Zoned Areas	Zones 1,2,21&22
Gas Group Suitability	IIA, IIB, IIC *
Material	Marine grade aluminium body with high impact polycarbonate tube
Ingress protection (IP rating)	IP 66
Cable Entries	4 x M20—ISO (3 plugged) as standard. Other threads available.
Electrical connections	3 wire and earth. Cable size 4mm ² max Through wiring versions available
Light Source	Long life LED
Supply voltage	230V 50/60 Hz
Installation // Mounting	2 x M8 tapped holes
Relamp access	Tray assembly is replaced via threaded entry
	* Size 5 IIB

Part Number	7 Series Standard		Fitting Size
7LED1700	1475 lm	14.2 W	1 (448mm)
7LED2700	2950 lm	28.4 W	2 (752mm)
7LED4700	5900 lm	56.8 W	4 (1362mm)
7LED5700	7375 lm	71.0 W	5 (1662mm)
7LED41050	8400 lm	75.2 W	4 (1362mm)
7LED51050	10500 lm	94.0 W	5 (1662mm)

Lumen output as per manufacturers data

Part Number	7 Series Emergency		Fitting Size
7LED1700E	1475 lm	14.2 W	1 (448)
7LED2700E	2950 lm	28.4 W	2 (752)
7LED4700E	5900 lm	56.8 W	4 (1362)
7LED5700E	7375 lm	71.0 W	5 (1662)
7LED41050E	8400 lm	75.2 W	4 (1362)
7LED51050E	10500 lm	94.0 W	5 (1662)

Typical applications

Chemical sites	Paint spray shops
Refineries	Grain storage
Docks & Jetties	Paper mills
Offshore	Waste treatment plants
Marine	Water treatment plants
Pharmaceutical	Metal treatment plants



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