



DIMENSIONS SHOWN ARE FOR INSTALLATION REFERENCES ONLY AND WILL BE VARYING ACCORDING TO THE MFG. PROCESSES.

GENERAL

This explosion proof LED luminaire has a sealed clear glass tubing and special purpose round push-fit type rotor holders. The control gear chamber and lamp replacement cover are on either side of the lamp and are specially design for easy accessibility. This luminaire is recommended for illuminating hazardous areas with gases/vapours of Group IIA & IIB and Zone 1 & 2.

Degree of Protection	:	Ex `d' & IP 65
Area Of Classification	:	Zone 1 & 2
Gas Group	:	Group IIA & IIB
Conforming to Standard	:	IS/IEC 60079-0-2004, IS/IEC 60079-1-2007
CMRS Certificate No.	:	CIMFR/TC/S/1651 Dt : 03/03/2015
Approvals	:	CIMFR, BIS

* ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION.

Title Flameproof LED Tubelight Luminaire	Type EXTN	CUSTOMER REFERENCE :
	AMD No. : ALL DIMENSIONS ARE IN MM	
AS EFFORTS ARE ON CONSTANTLY TO IMPROVE THE DESIGN AND METHODS OF MANUFACTURE OF THE PRODUCT, THE PRODUCT SUPPLIED MAY DIFFER IN DETAIL FROM THE DATA GIVEN HERE IN.	THIS DRAWING & DESIGN IS THE PROPERTY OF CROMPTON GREAVES LTD. AND MUST NOT BE COPIED OR LENT WITHOUT THEIR PERMISSION IN WRITING.	DRG NO. TD 0918007

SHEET 2 # 2**DOCUMENT No. D / PD - 05****REV 03 DATE : 30/06/2016**

CAT. REF.	LAMP*	VOLTAGE (V)	MAINS CURRENT(A)	*APPROX. WT(Kg)
EXTN1LT8 - 16/20	1 X LTT8-16/20*	240	0.070 - 0.090	11.9
EXTN2LT8 - 16/20	2 X LTT8-16/20*	240	0.140 - 0.170	11.9

* : Only LTT8-16/20 tubeligt is recommended for these cat reference..

MATERIAL SPECIFICATION

- | | |
|------------------|---|
| 1. Housing | Cast Aluminium alloy LM6 in Hammertone grey finish. |
| 2. Ring | Cast Aluminium alloy LM6 in Hammertone grey finish. |
| 3. Glass | heat resistant |
| 4. Gasket | Silicon |
| 5. MainsTerminal | Suitable for terminating upto max. 6.0 sq. mm incoming cable with 2x 15amp connector. |
| 6. HardWare | M.S. Zinc plated & passivated internal and High tensile steel external for cover Fixing |
| 7. Earthing | 1 No. internal and 2 Nos. external of size M6x12mm |

ELECTRICAL PARAMETERS

Rated Voltage (V)	:	240
Frequency (Hz)	:	50
Operating Voltage Range(V)	:	150 - 270~
Wattage (W) @ 240V	:	16/20W & 32/40W
PF	:	≥ 0.90

INSTALLATION

- | | |
|--------------------|--|
| 1. Cable Entry | 1 Nos. of hole with M20 threads. |
| 2. Mounting System | Special brackets provided as shown in the drawing. |
| 3. Protection | Ex `d` & IP 65 |

SPARES ORDERING REFERENCE

CAT. REF.
EXTN1LT8 -16/20
EXTN2LT8 -16/20

NOTE: FOR ELECTRONIC BALLAST SERIES MINIMUM OREDR QUANTITY SHOULD BE 50.

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Approved

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