

CromptonCrompton Greaves Consumer
Electricals Ltd.

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4**Division:**
Lighting**Department:** Design
and Development**Document Number:** TD 0918022

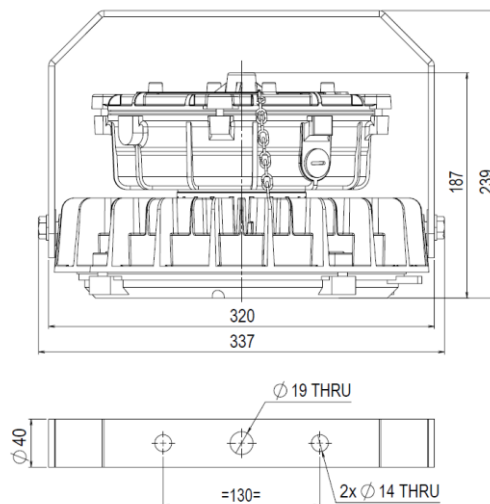
Revision: 01

Date: 21/05/2024

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Issue No. 1

Issue Date:02-05-2018

DIMENSIONS SHOWN ARE FOR INSTALLATION REFERENCES ONLY AND WILL HAVE TOLERANCE $\pm 3\text{mm}$ UNLESS OTHERWISE SPECIFIED**GENERAL:**

Flameproof Integral LED Flood Light luminaire comprises of die cast aluminium housing, with toughened glass is cemented into a retaining ring. This luminaire is recommended for illuminating Hazardous Area Gas group IIA and IIB and IIC Zone 1 & 2.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
FFL1316-200-CDL-60-M	200W	5700	70	240	0.854	8.2
EFFICACY -100 LPW***						

*Only for structural/Mounting design consideration.

**Rated system wattage and current will have tolerance as per IS 16104: 2012.

***As per the IS 16107 Part 2- Section clause no. 8.3, measured luminaire efficacy shall not be less than 90% of rated value.

TITLE: LED FLP Flood 250W	TYPE: FFL1315 SERIES	CUSTOMER REFERENCE:	STAMP: (Master Copy) Approved
PREPARED BY Yogesh Dhoran	CHECKED BY Riteshkumar Doshi	APPROVED BY Riteshkumar Doshi	

Note: 1 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

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MATERIAL SPECIFICATIONS:	
LED Housing	Die cast Aluminium powder coating in 631 IS-5 in matt finish
Ring	Die cast Aluminium powder coating in 631 IS-5 in matt finish
Glass	Toughened and Heat resistance flat Glass
Mains Terminal	3 way 10 amps suitable for terminating max. 2.5 sq mm incoming cable
Hardware	SS
Internal Wiring	PVC coated multistrand cable
Earthing	1 No. internal and 2 Nos. external screw of size M6x12mm screw with washer
Surge Arrestor	4 KV Inbuilt in driver and 10KV External inside housing.
Gas Group	Group IIA & IIB & IIC
Conforming to Standard	IS/IEC 60079-1-2014
CIMFR Certificate No	IN/CIMFR/TR25/P/2105

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240
Frequency (Hz)	50 ±3
Operating Voltage Range (V)	120-277
Current (A) @ 240V	0.854
Wattage (W) @240V	200W
P.F.	> 0.95
I THD	< 10%
Lumen	EFFICACY -100 PLW

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INSTALLATION:	
Cable Entry	1 Nos of hole with M20X1.5 threads covered with temporary PVC plug provided to each module, Cable Entry for individual module
Mounting System	Cradle is provided as standard
Degree of Protection	EX 'd' & IP66
Area of Classification	Zone 1 & 2

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
FFL1316-200-CDL-60-M	LI302600-A2
Cable Gland need to order Separately Cat ref - FG001	

SPARES ORDERING REFERENCE:				
Product Description	Driver	Surge Arrestor	Glass with Ring	
FFL1316-200-CDL-60-M	200W @ 700mA	10KV, 440V	FPGL02-IIC	

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