



Crompton 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 0907251

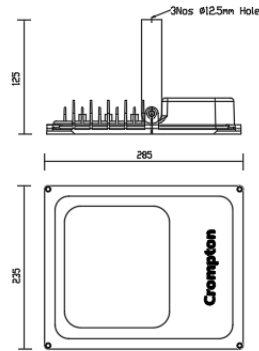
Revision: R00

Date:16/04/2021

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Issue No. 1

Issue Date:02-05-2018



Cut Out Size : 275 x 225

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

GENERAL:

This Integral LED under canopy recessed luminaire comprises of die cast aluminum housing, control gear compartment, frame with toughened glass. This is recommended to be used in engineering industries where mounting height is 5 to 8 Mts.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
LCNP-100-CDL/60-M	100	5700	70	240	0.438	3.0

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

**RATED SYSTEM WATTAGE AND CURRENT WILL HAVE TOLERANCE AS PER IS 16104: 2012

Title: LED Under Canopy	Type: - LCNP	Customer Reference:
Product Description: LCNP-100-CDL/60-M		

PREPARED BY	CHECKED BY	APPROVED BY

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:

Canopy	Die cast Aluminum powder coated in White
Frame	Die cast Aluminum powder coated in White
Internal Wiring	PVC coated multistrand cable
Cable	3 core 1sq mm PVC coated multistrand cable
Earthing	1 No. suitable for 14 SWG earthing wire
Mains Terminal	3 way 10 amps suitable for terminating max. 2.5 sq mm incoming cable.
Surge Arrestor	10KV, 440V

ELECTRICAL PARAMETERS:

Rated Voltage (V)	240
Frequency (Hz)	50 $\pm$ 3%
Operating Voltage Range (V)	120-270V
Current (A) @ 240V	0.438
Wattage (W) @240V	100
P.F.	>0.95
I THD	<10
Lumen	EFFICACY >110 Lumens/Watt (For 5700 CCT)

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INSTALLATION:

Cable Entry	PG9 cable gland provided
Mounting System	Cradle having 3Nos. Ø12.5mm hole provided for suspension of luminaire
Maintenance	Cover can be removed for accessories maintenance.
Protection	IP 66

PRODUCT ORDERING CODE:

Product Description	Ordering Code
LCNP-100-CDL/60-M	LI300535-A2

SPARES ORDERING REFERENCE:

Product Description	Driver	Surge Arrestor		
LCNP-100-CDL/60-M	Xitanium 100W 0.7A	SRPSQ-10KV-5KA-440 or SRPSEX-10KV-440V		

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