



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 0901305

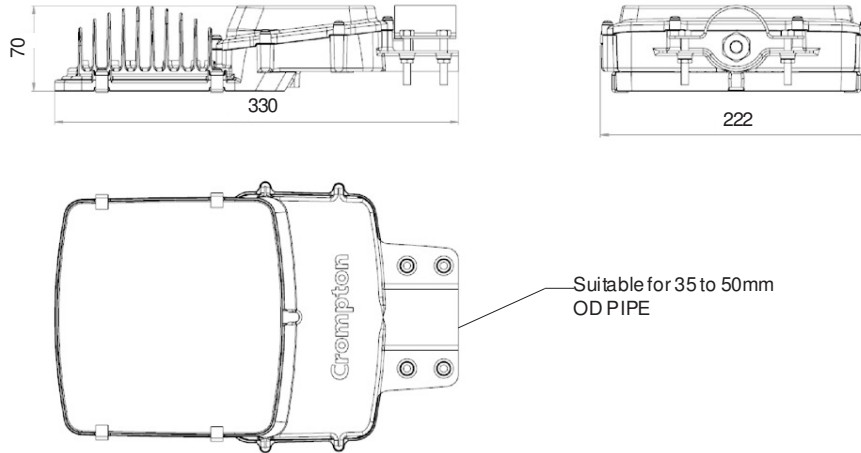
Revision: 00

Date: 18/05/2021

Page 1 of 3

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:

This streetlight luminaire comprises of Pressure die cast Aluminium housing and toughened glass. This luminaire is recommended for illuminating access roads, Garden ways, small streets etc.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
TRP-411-100-57-SL-GL-NSG	100W	5700 ANSI	70	240	0.435	2.70
Efficacy - 110 LPW						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

Title: LED STREETLIGHT 100W	Type:	Customer Reference:
Product Description: TRP-411-100-57-SL-GL-NSG		
PREPARED BY naveen.kandari	CHECKED BY ganesh.dhuri	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:

Housing	Aluminium Die cast housing powder coated in Grey RAL-7032 shade
Glass	Heat resistant toughened glass
Internal Wiring	PVC coated multistrand wire
Cable	3C x 1sq.mm PVC coated multistrand cable
Surge Arrestor	1No. 10KV,440V

ELECTRICAL PARAMETERS:

Rated Voltage (V)	240V
Frequency (Hz)	50Hz $\pm 3\%$
Operating Voltage Range (V)	120-277~
Current (A) @ 240V	0.435
Wattage (W) @240V	100
P.F.	> 0.95
I THD	< 10%

PREPARED BY
naveen.kandari

CHECKED BY
ganesh.dhuri

APPROVED BY
-

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Page 3 of 3

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INSTALLATION:

Cable Entry	Through mounting pipe.
Mounting System	Suitable for 35 to 50mm max. OD mounting pipe.
Protection	IP66

PRODUCT ORDERING CODE:

Product Description	Ordering Code
TRP-411-100-57-SL-GL-NSG	TLR400173-A2

SPARES ORDERING REFERENCE:

Product Description	Driver	Surge Arrestor	Glass	
TRP-411-100-57-SL-GL-NSG	100W @700mA S0DVEXC4-100W-700	SRPSQ-10KV-5KA- 440V OR SRPSEX- 10KV-440V	S0909174	

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