

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: CTD09031612

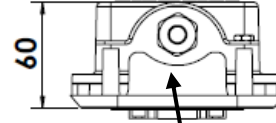
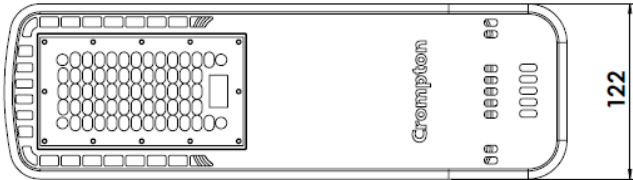
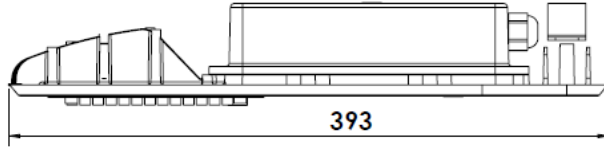
Revision: R00

Date: 19/01/2024

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Issue No. 1

Issue Date:02-05-2018



Suitable for pole Dia 35-50mm

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

GENERAL:

This streetlight luminaire comprises of die cast aluminium housing with IP66 lens module. This luminaire is recommended for illuminating access roads, traffic routes etc.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
CRP-421-70-57-SL-LM-NSG	70	5700 ANSI	70 min	240	0.307	1.30
Efficacy $\geq 120\text{LPW}$						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

Public TITLE: LED STREET LIGHT	TYPE: Street Lighting	CUSTOMER REFERENCE:	STAMP: (Master Copy) Approved
PREPARED BY Riteshkumar Doshi	CHECKED BY Ganesh Dhuri	APPROVED BY Ganesh Dhuri	

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 powder coated in grey RAL-7032
IP Lens Module	Polycarbonate
Internal Wiring	PVC coated multistrand wire
Cable	3 Core PVC coated multistrand cable.
Surge Arrestor	4 KV inbuilt in Driver and 10KV external inside housing

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240
Frequency (Hz)	50 ±3
Operating Voltage Range (V)	120 – 270~
Current (A) @ 240V	0.307
Wattage (W) @240V	70
P.F.	> 0.95
I THD	< 10%

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INSTALLATION:	
Mounting System	Suitable for 35 to 50 mm max. O.D. mounting pipe.
Protection	IP 66

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
CRP-421-70-57-SL-LM-NSG	CLR401041-A2

SPARES ORDERING REFERENCE:				
Product Description	Driver	SPD		
CRP-421-70-57-SL-LM-NSG	2Nos. 35W @700mA S0DVEXC3-35W-700	10KV, 440V		

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