

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: CTD09031627

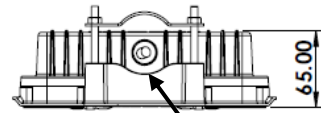
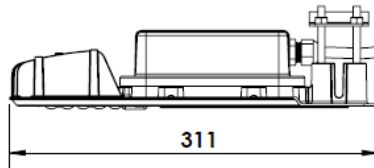
Revision: R00

Date: 19/01/2024

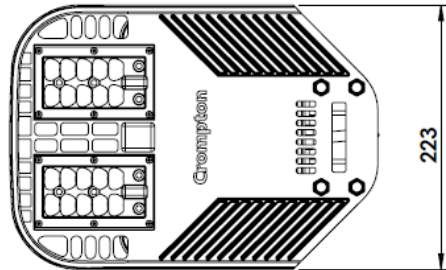
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Issue No. 1

Issue Date:02-05-2018



Suitable for 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, and 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-425-90-57-HL2-LM-NSG	90	5700 ANSI	70 min	240	0.395	1.80
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: 90W 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	4KV 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	0.395
Wattage (W) @240V	90
P.F.	> 0.95
I THD	< 10%

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

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
CRP-425-90-57-HL2-LM-NSG	CLR401091-A2

SPARES ORDERING REFERENCE:				
Product Description	Driver	Surge Arrestor		
CRP-425-90-57-HL2-LM-NSG	2Nos 45W @700mA S0DVEXC3-45W-700	10KV 440V		

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