

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: TD0901417

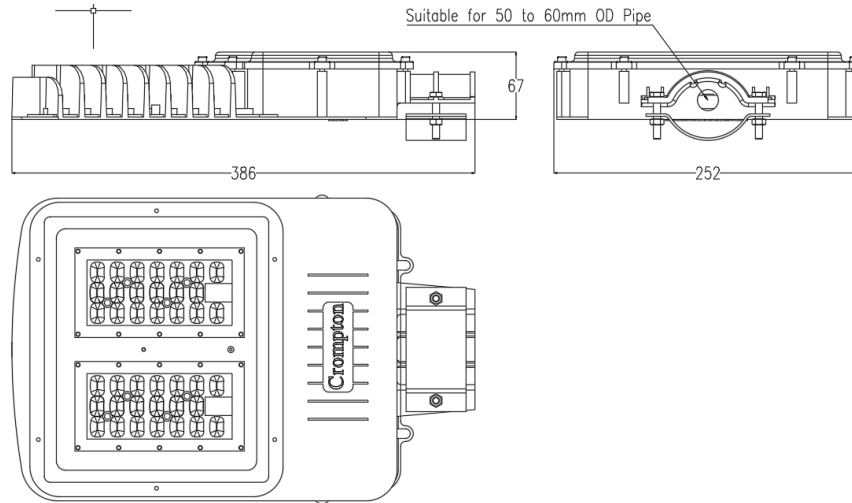
Revision: R00

Date: 06/07/2023

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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:

This streetlight luminaire comprises of pressure die cast housing with separate control gear compartment. This luminaire is recommended for illuminating access roads, traffic routes, small streets etc

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
TRP-424-150-57-HL2-LM-NSG	150	5700 ANSI	70	240	0.631	3.00
Efficacy > 120 LPW						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: 150W LED STREETLIGHT	TYPE: Street Lighting	CUSTOMER REFERENCE:	STAMP: (Master Copy) Approved
PREPARED BY Naveen Kandari	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	Pressure die cast Aluminium powder coated in Grey RAL-7032 shade.
Cover	Integrated Polycarbonate IP Lens
Internal Wiring	PVC coated multistrand copper wire.
Cable	3 Core x 1sqmm PVC multistrand
Surge Arrestor	4KV inbuilt in driver and 10KV external inside luminaire housing

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240
Frequency (Hz)	50 ±3
Operating Voltage Range (V)	120 – 270 ~
Current (A) @ 240V	0.631
Wattage (W) @240V	150
P.F.	> 0.95
I THD	< 10%

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INSTALLATION:	
Cable Entry	Through Mounting Pipe
Mounting System.	Suitable for 50 to 60mm max OD mounting pipe.
Protection	IP 66

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
TCRP-424-150-57-HL2-LM-NSG	TLR400262-A2

SPARES ORDERING REFERENCE:				
Product Description	Driver	Surge Arrestor	IP Lens	
TRP-424-150-57-HL2-LM-NSG	2Nos. 75W @700mA	10KV, 440V	OM-435	

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