

TECHNICAL DATA SHEET

Division:
Lighting

Department: Design
and Development

Document Number: TD0901473

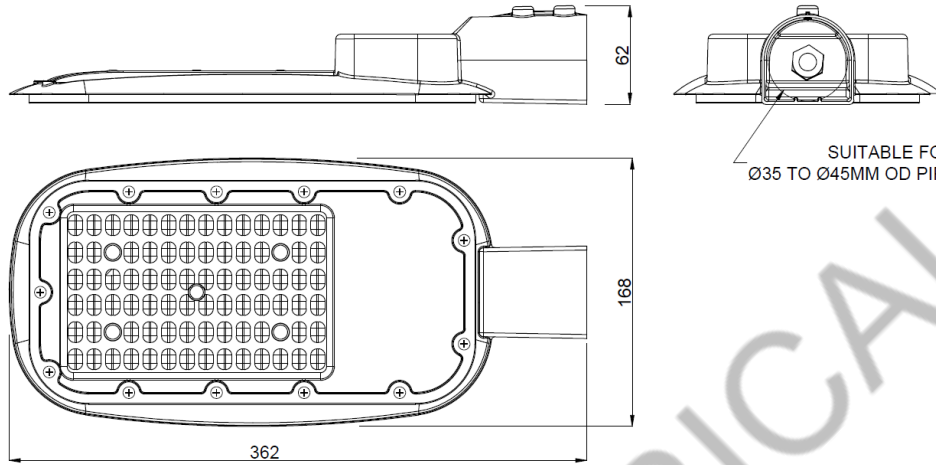
Revision:R00

Date: 19/09/2025

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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 street light luminaire comprises of die cast Aluminum housing powder coated and integrated IP lens diffuser. This luminaire is recommended for illuminating access roads and traffic roads, etc.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG) $\pm 10\%$
ERP-436-70-857-HL2-LM-NTG	70W	5700 ANSI	80 min	240	0.307	0.947
Efficacy – 120 LPW***						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

***As per the IS 16107 Part 2- Sec1 clause no. 8.3, measured luminaire efficacy shall not be less than 90% of rated value

TITLE: 70W Streetlight	TYPE: Street Lighting	CUSTOMER REFERENCE: ERP-436-70-857-HL2-LM-NTG	STAMP: (Master Copy) Approved
PREPARED BY yogesh.dhoran	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 dies cast Aluminum powder coated in Telegrey RAL 7046
Diffuser	Integrated IP lens-PC
Internal Wiring	PVC multistrand copper wire
Cable	3 Core PVC mains cable.
Surge Arrestor	4KV inbuilt in driver.

ELECTRICAL PARAMETERS:

Rated Voltage (V)	240
Frequency (Hz)	50 ± 3%
Operating Voltage Range (V)	120-270V
Current (A) @ 240V	0.263
Wattage (W) @240V	70
P.F.	≥ 0.95
I THD	< 10 %

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Crompton Greaves Consumer
Electricals Ltd.

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FORM No. DSG/FR/08

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Restricted-4

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INSTALLATION:

Mounting System	Suitable for 35 to 45mm OD mounting pipe.
Protection	IP 66

PRODUCT ORDERING CODE:

Product Description	Ordering Code
ERP-436-70-857-HL2-LM-NTG	ELR400060-M3

SPARES ORDERING REFERENCE:

Product Description	Driver			
ERP-436-70-857-HL2-LM-NTG	70W @700mA			

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