

TECHNICAL DATA SHEET

Division:
Lighting

Department: Design
and Development

Document Number: TD0901447

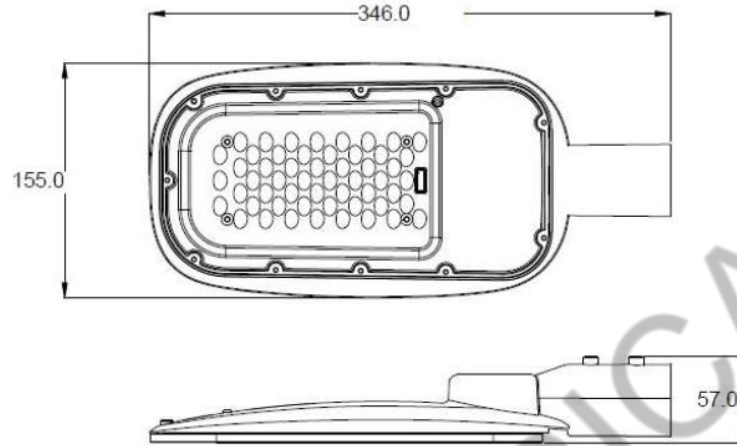
Revision:R01

Date: 15/01/2025

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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-428-45-57-HL2-LM-NBK	45W	5700 ANSI	70 min	240	0.190	0.675
Efficacy $\geq 120\text{LPW}$						

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: 45W STREETLIGHT	TYPE: Street Lighting	CUSTOMER REFERENCE:	STAMP:
PREPARED BY Aniket Kute	CHECKED BY Ganesh.dhuri	APPROVED BY Ganesh Dhuri	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 Aluminum powder coated in RAL 9005 Matt black
Diffuser	Integrated IP lens-PC
Internal Wiring	PVC multistrand copper wire
Cable	PVC 3 core mains cable.
Surge Arrestor	4KV inbuilt in driver.

ELECTRICAL PARAMETERS:

Rated Voltage (V)	240
Frequency (Hz)	50 ± 3%
Operating Voltage Range (V)	140-300V
Current (A) @ 240V	0.190
Wattage (W) @240V	45W
P.F.	≥ 0.95
I THD	< 10 %

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Crompton Greaves Consumer
Electricals Ltd.

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INSTALLATION:

Mounting System	Suitable for 40mm OD mounting pipe.
Protection	IP 66

PRODUCT ORDERING CODE:

Product Description	Ordering Code
ERP-428-45-57-HL2-LM-NBK	ELR400010-M4

SPARES ORDERING REFERENCE:

Product Description				
ERP-428-45-57-HL2-LM-NBK				

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