



DIMENSIONS SHOWN ARE FOR INSTALLATION REFERENCES ONLY AND WILL HAVE TOLERANCE ±3mm UNLESS OTHERWISE SPECIFIED

### GENERAL:

This Streetlight luminaire comprises of die cast Aluminum housing powder coated and IP LENS. This luminaire is recommended for illuminating Street lighting, Highway lighting, Lane lighting etc.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)± 10 %
LDSTRX50CDL	50	6500K	>80	230	0.220	0.715

\*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: OPSTAR STREET LIGHT 50W- SSAYA	TYPE: Street Light	CUSTOMER REFERENCE:	STAMP: <b>(Controlled Copy) Approved</b>
PREPARED BY Tushar Chawla	CHECKED BY Ramesh.unhavane	APPROVED BY Ramesh.unhavane	

- 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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Division:  
LightingDepartment: Design  
and Development

Document Number: TD 0909275

Revision: R00

Date: 25/03/2024

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Issue No. 1

Issue Date:02-05-2018

**MATERIAL SPECIFICATIONS:**

HOUSING	ALUMINIUM PRESSURE DIE CASTING, GREYNITE GREY TEXTURE RAL 8820 (NEARBY)
IP LENSs	Polycarbonate
INTERNAL WIRE	PVC coated multistrand wire.
CABLE	3 core PVC coated multistrand cable.

**ELECTRICAL PARAMETERS:**

Rated Voltage (V)	220 ~ 240V
Frequency (Hz)	50 Hz
Operating Voltage Range (V)	120-300V
Current (A) @ 240V	0.220A
Wattage (W) @240V	50W
P.F.	0.95
I THD	<15%
Surge	4kV
High Voltage sustain	440Vac @2hrs
Lumen	5000 lm

TITLE: OP1 STAR STREET LIGHT 50W- SSAYA	TYPE: Street Light	CUSTOMER REFERENCE:	STAMP: <b>(Controlled Copy) Approved</b>
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Crompton Greaves Consumer  
Electricals Ltd.

# TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:  
Restricted-4

**Division:**  
Lighting

**Department:** Design  
and Development

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## INSTALLATION:

Mounting System	Pole Mounting – Screws provided for mounting
Mains	Provided 3 CORE; 1 SQMM wire
Protection	IP65

## PRODUCT ORDERING CODE:

Product Description	Ordering Code
OPTISTAR STREET LIGHT 50W	LDSTRX50CDL

## SPARES ORDERING REFERENCE:

Product Description				

TITLE: OPTISTAR STREET LIGHT 50W- SSAYA	TYPE: Street Light	CUSTOMER REFERENCE:	STAMP: <b>(Controlled Copy) Approved</b>
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