



Crompton Greaves Consumer
Electricals Ltd.

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: TD0901276

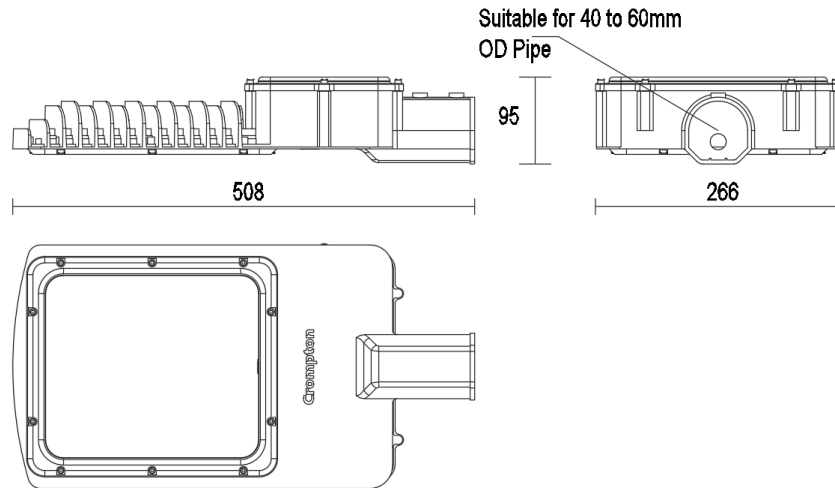
Revision: 00

Date:03/02/2021

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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 die cast Aluminium housing and toughened glass, top openable control gear compartment. 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-414-180-57-SL-GL-NSG	180W	5700 ANSI	70	240	0.790	5.05
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Efficacy > 110 LPW	--	--	--	--	--	--

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

Title: 180W LED Streetlight	Type:	CONTROLLED COPY IF STAMPED IN RED VALIDITY : UNTIL NEXT REVISION DESIGN & DEVELOPMENT DEPT.
Product Description: CRP-414-180-57-SL-GL-NSG		

PREPARED BY	CHECKED BY	APPROVED BY
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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 housing powder coated in Grey RAL-7032
Glass	Heat resistant toughened glass.
Internal Wiring	PVC coated multistrand wire
Cable	3C x 1sq.mm PVC coated multistrand cable .
Surge Arrestor	1No. 10KV, 440V

ELECTRICAL PARAMETERS:

Rated Voltage (V)	240V
Frequency (Hz)	50 ±3
Operating Voltage Range (V)	120 - 277 ~
Current (A) @ 240V	0.790
Wattage (W) @240V	180
P.F.	>0.95
I THD	< 10%
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INSTALLATION:



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Cable Entry	Through mounting pipe.
Mounting System	Suitable for 50 to 60 mm max. O.D. mounting pipe.
Protection	IP66

PRODUCT ORDERING CODE:

Product Description	Ordering Code
CRP-414-180-57-SL-GL-NSG	CLR400980-A2
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SPARES ORDERING REFERENCE:

Product Description	Driver	Surge Arrestor	Glass	-
CRP-414-180-57-SL-GL-NSG	200W @700mA X220C070V315CNV1AO/X220C070V315CNV1BO OR EAM-200S150SB	SRPSQ-10KV-5KA-440V OR SRPSEX-10KV-440V	S0909194	-
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