

CromptonCrompton Greaves Consumer
Electricals Ltd.

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4**Division:**
Lighting**Department:** Design
and Development**Document Number:** TD 0902260

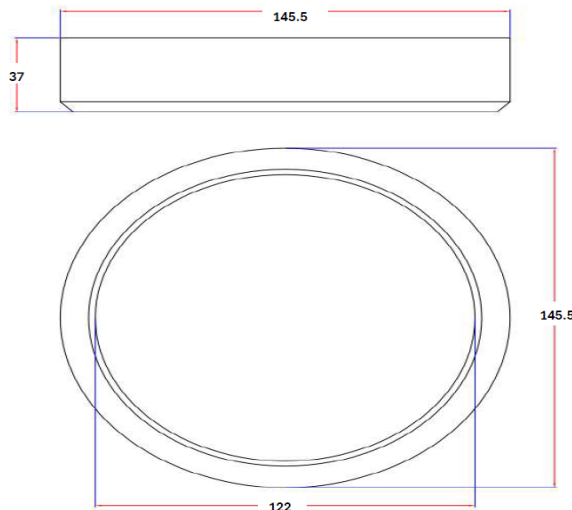
Revision:

Date: 30-04-2024

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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 Round shape LED flat down lighter comprises of Injection molded housing in thermally conductive Engineering Plastic finished in white with inbuilt electronic driver. High translucent frosted Optically efficient diffuser is used to get glare free, smooth light distribution. This luminaire recommended for Surface mounting applications in general offices, institutions, retail shops, auditorium, & other commercial interiors replacing a traditional CFL downlighter.

PRODUCT DESCRIPTION	**NOMINAL WATTAGE (W)	CCT (K)	CRI	VOLTAGE (V)	**MAINS CURRENT (A)	*APPROX WT (KG)
CDS-223-12-57-SL-NWH	12W	5700 ANSI	80	240	0.059	0.188
CDS-223-12-40-SL-NWH	12W	4000 ANSI	80	240	0.059	0.188

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: Led Surface downlighter	TYPE: 12W Led downlighter	CUSTOMER REFERENCE:	STAMP:
PREPARED BY Saurabh Kumar Srivastava	CHECKED BY Padmaraj Ganesh	APPROVED BY Padmaraj Ganesh	

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	Injection molded in thermally conductive engineering plastic -FR Grade
Diffuser	High Optically efficient material, frosted surface at outside.
Internal Wiring	7/36 PTT TPE wire
Mounting clamps	2nos. self-tapping screw with plastic plug.

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240V ~
Frequency (Hz)	50±3
Operating Voltage Range (V)	150V~ - 270V~
Current (A) @ 240V	0.059
Wattage (W) @240V	12W
P.F.	>0.95
I THD	< 10%@240V
Surge	4 KV
Lumen Efficacy	100lm/W

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INSTALLATION:	
Mounting System	2 Nos. self-tapping screw with plastic plug for brackets to be mount on wall. Recess type Downlight to be fit in this bracket with the help of snap fit arrangement.
Protection	IP 20

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
CDS-223-12-57-SL-NWH	CLD200551-E2
CDS-223-12-40-SL-NWH	CLD200552-E2

SPARES ORDERING REFERENCE:				
Product Description	Driver	Qty,		
CDS-223-12-57-SL-NWH	12W Driver	01 No.		

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