

TECHNICAL DATA SHEET

FORM No. DSG/FR/08

Doc Classification:
Restricted-4

Division:
Lighting

Department: Design
and Development

Document Number: TD 0902248

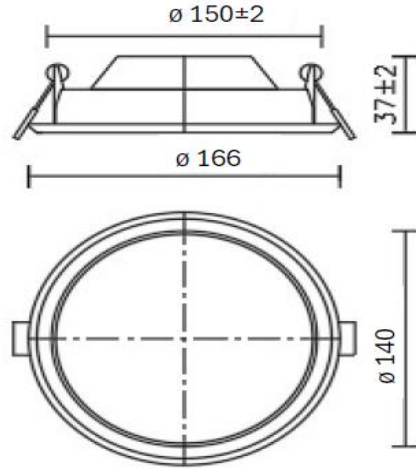
Revision:

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 recessed 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)
CDR-222-18-57-SL-NWH	18W	5700 ANSI	80	240	0.093	0.165
CDR-222-18-40-SL-NWH	18W	4000 ANSI	80	240	0.093	0.165

*ONLY FOR STRUCTURAL/MOUNTING DESIGN CONSIDERATION

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

TITLE: Led recessed downlighter	TYPE: 18W 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	Spring steel with white Shrinkable sleeve.

ELECTRICAL PARAMETERS:	
Rated Voltage (V)	240V ~
Frequency (Hz)	50±3
Operating Voltage Range (V)	150V~ - 270V~
Current (A) @ 240V	0.093
Wattage (W) @240V	18W
P.F.	>0.95
I THD	< 10%@240V
Surge	4 KV
Lumen Efficacy	100lm/W

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INSTALLATION:	
Mounting System	Clamp provided for recess mounting in false ceiling.
Protection	IP 20

PRODUCT ORDERING CODE:	
Product Description	Ordering Code
CDR-222-18-57-SL-NWH	CLD200527-E2
CDR-222-18-40-SL-NWH	CLD200528-E2

SPARES ORDERING REFERENCE:				
Product Description	Driver	Qty,		
CDR-222-18-57-SL-NWH	18W Driver	01 No.		

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