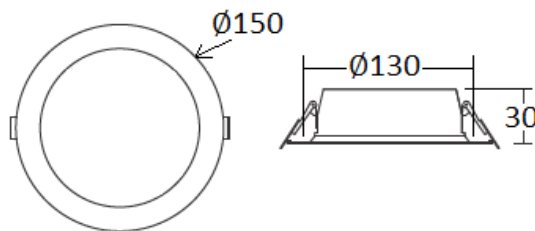


LED 12W Down Light**HLDLR-31-12-CW**

As per IS 10322 & IEC 60598-1

**Product Description:** Energy efficient 12W LED Down Light**Technical Specifications:**

Main Housing / Heat Sink Material:	Duly powder coated Aluminium PDC
Front Cover:	PMMA
LED:	LM80 certified LED
Control Gear:	External CC driver
Internal Wiring:	Insulated Cu wire
Hardware:	SS & MS Zinc plated and passivated
Ingress Protection:	IP20
Operating Voltage:	140V~270V
Operating Temperature:	-10°C~ 50°C

GA Drawing:All dimensions in mm (Tolerance: ± 5 mm)**Electrical & Photometry Parameters:**

Rated Voltage & Frequency	System Wattage	System Current	Power Factor	System Lumen Efficacy	CCT (As per ANSI)	CRI	THD	Driver Efficiency
240V, 50Hz	12W \pm 10%	<58mA	>0.95	\geq 100lm/W	6000K \pm 500K	\geq 80	\leq 10%	\geq 85%

System Protections:

Open & Short circuit protection, reverse polarity protection, surge protection of 3.0KV internal.

Application:

Offices, commercial complexes, showrooms, retail outlets, malls, reception lobbies, hotel lobbies, high roof Indoor lighting applications, etc.

Mounting:

Recessed mounting.

Note: Due to continuous efforts in developing products, improvement M/s Halonix Technologies Pvt Ltd reserves the right to make changes in the design and data and withdraw the luminaires without any prior notice.	Prepared by :	MK/NK	Industrial Luminaire :
	Checked by :	AS	Cat. Ref. : HLDLR-31-12-CW
	Approved by :	RL	Document No :

As improvement in design & method of manufacturing is a continuous process, the product supplied may differ in details from above given data.