

## LED 20W Clean Room Light (Bottom Opening Type)

**HLCR11-BO01-20-CW**

As per IS 10322 &amp; IEC 60598-1

**Product Description:** Energy efficient 20W LED Clean Room Light

**Technical Specifications:**

Housing and Top Frame Material:

Duly powder coated CRCA sheet steel

Front Cover:

Opal diffuser

LED:

LM80 certified LED

LED Lumen Maintenance:

50,000 hours @ L70

Control Gear:

Isolated, Electronic, CC Driver

Internal Wiring:

Insulated Cu wire

Hardwares:

SS &amp; MS Zinc plated and passivated

Ingress Protection:

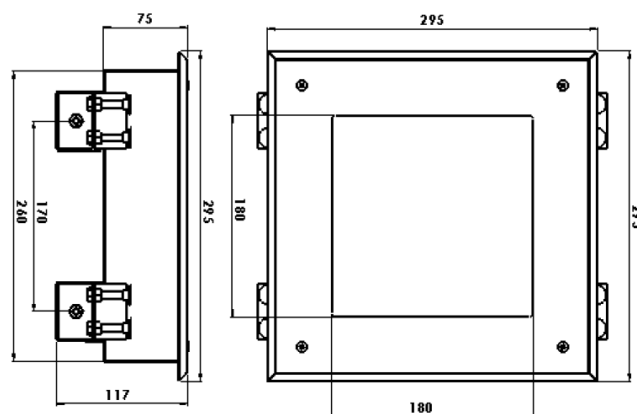
IP65

Operating Voltage:

140V~ 270V

Operating Temperature:

-10°C~ 50°C

**GA Drawing:**

 All dimensions in mm (Tolerance:  $\pm 5$ 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	20W $\pm$ 10%	<102mA	$\geq 0.95$	$\geq 100$ lm/W	6500K	$\geq 80$	$\leq 10\%$	$\geq 85\%$

**System Protections:**

Open &amp; Short circuit protection, reverse polarity protection, surge protection of 3KV internal.

**Application:**

Pharmaceuticals, semiconductor processing zones, sterile areas, research establishments, food processing industries, etc.

**Mounting:**

Recessed mounting, cut out size is 290mmx290mm.

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 luminaries without any prior notice.	Prepared by :	MK/NK	Industrial Luminaire :
	Checked by :	AS	Cat. Ref. : HLCR11-BO01-20-CW
	Approved by :	RL	Document No : OMF-2020

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