

## LED 48W Clean Room Light (Bottom Opening Type)

### HLCR22-BO01-48-CW

As per IS 10322 &amp; IEC 60598-1

**Product Description:** Energy efficient 48W 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

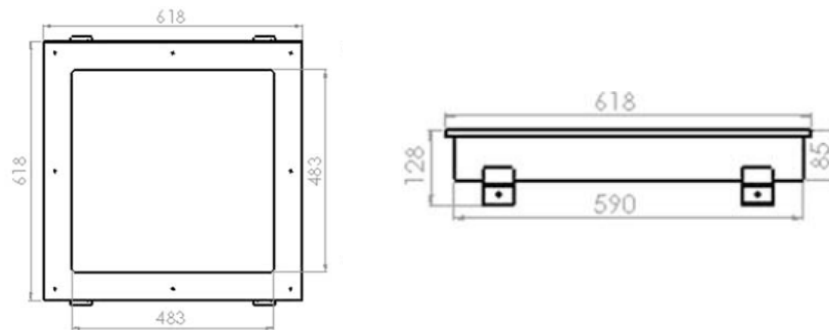
Operating Voltage:

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	48W $\pm$ 10%	<231mA	$\geq$ 0.95	$\geq$ 100lm/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 590mmx590mm.

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 :	SS	Industrial Luminaire :
	Checked by :	AS	Cat. Ref. : HLCR22-BO01-48-CW
	Approved by :	RL	Document No : OMF-2019

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