

## LED 12W Bulb

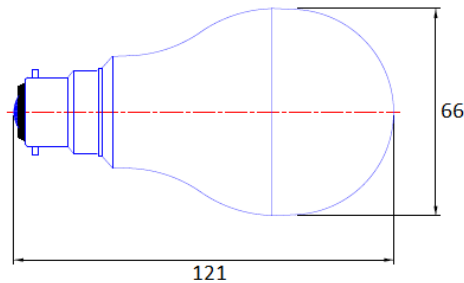
As per IS 16102 (Part-1 &2)

**Product Description:** Energy efficient 12W LED Bulb

### Technical Specifications:

Main Housing / Heat Sink Material:	Aluminium inserted thermo plastic
Front Cover:	PC
Base Cap:	B22d
LED:	LM80 certified LED
Lumen Maintenance:	50000 hours @ L70
Control Gear:	Electronic, CC Driver
Internal Wiring:	Insulated Cu wire
Hardwares:	SS & MS Zinc plated and passivated
Ingress Protection:	IP20
Operating Voltage Range:	120V~ 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	12W $\pm 10\%$	<61mA	$\geq 0.90$	$\geq 100\text{lm/W}$	6500K	$\geq 80$	$\leq 30\%$	$\geq 85\%$

### System Protections:

Open & Short circuit protection, reverse polarity protection, surge protection of 2.5KV internal.

### Application:

Home lights, etc.

### Mounting:

B-22 Holder.

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