

## Linear LED High/Low Bay Light

IP67



The Crafterch LED Linear High Bay Lights are compact, robust and efficient. It provides bright and uniform light distribution improving productivity and safety in operations. It is suitable for light as well as heavy industrial applications. It is constructed with heavy duty extruded aluminum. Available with glass and Diffuses Front surface to minimize glare on eyes. With estimated working life of 50,000 hrs, that will provide 5 years of maintenance free operation.

*The LED light is available in standard version and can be customized for specific application or requirement*

### Applications

These LED Lights find wide application in Engineering, Automobile, Process, Textile, Packaging, & more

- Heavy duty CNC/VMC Machines
- Cold storages
- Tunnels
- Automobile Paint shops
- Warehouse
- Areas of High Humidity
- Paint shops

### Advantages & Features

Available in Diffused and Clear Glass

Ingress Protection rating IP67

Fully Aluminum Body

LED Viewing angle 120 deg

Rotatable mounting arrangement up to 180 deg.

Suitable for wet, dry, oily & dusty environmental conditions

Uniform Light distribution suitable for tunnels and ware houses

Input Voltage 230 VAC

Available wattage 45, 60, and 75 watts

Light fixture Length 2 feet/ 600 mm

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Technical Data Sheet

IP67

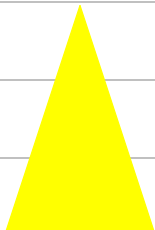
Light diffuser	Available in PMMA and Glass, thickness 2mm
Housing material	Heavy Duty Extruded Anodised Aluminium Housing 6063 grade
Mounting arrangement	180 Deg adjustable Clamp
LED Type	LM 80 Approved , 2835 Package LED , 0.2 watt/LED, 0.5 watt/LED & 1 Watt/LED
LED Light Angle	110 Deg
Light Colour	CCT: 6500 K
Luminaire Light Yield	100-120 Lumens / Watt
Colour Rendering Index (CRI) min	>80
Insulation resistance at 500 VDC	1.3 X 10 <sup>4</sup> Mega - Ohm
Operating temperature	-20°C to +85°C
Operating Life	50,000 Hrs
Standard Conformity	IEC 60947, IEC 60529, IEC 60068
Ingress Protection	IP 67

Parameters	45W, 230 VAC	60 W, 230 VAC	75 W, 230 VAC
Model / Part No	CR-LHBL-230-A-45W	CR-LHBL-230-A-60W	CR-LHBL-230-A-75W
Weight (Kg)	1.25	1.25	1.25
Dimension (L x W x H) mm	600 x 54 X 54	600 x 54 x 54	600 x 54 x 54

## Illuminance diagram for 75 watt

### Lux reading with Clear Glass

Height	Diameter	EMax
1.0 Mtr	1.5 Mtr	11450 lx
2.5 Mtr	2 Mtr	2320 lx
5.0 Mtr	3.5 Mtr	1200 lx



### Lux reading with PMMA (Diffused front)

Height	Diameter	EMax
1.0 Mtr	1.5 Mtr	10000 lx
2.5 Mtr	2 Mtr	1790 lx
5.0 Mtr	3.5 Mtr	980 lx

