

300W LED High Bay Light



Operating on 300 watts, the LED High Bay Light uses approximately 30% of the energy compared to traditional HID lights. These lights are ideal for use in warehouses, factories, large retail spaces, school halls and more.

LED lights reach maximum intensity immediately after being switched on. They do not require time to warm up. In the event of a momentary loss of power, HID lamps can take up to 20 minutes to turn back on. The fixture is completely free of hazardous materials including mercury and lead and boasts an annual energy saving that equates to over two metric tons of CO2 saved per fixture per year.

Key Benefits

- Use up to 70% less power than HID lamps.
- LED high bay lights can last up to 50,000 hours.
- Cool light reduces the ambient temperature.
- Energy saving and environmentally friendly.
- No warm up or cool down periods.
- Resistant to shock and vibration.
- No audible buzzing sounds or light flickering.
- No UV or IR radiation.
- Reduce carbon emissions.
- Available with digital dimming by special request.

SPECIFICATIONS

System Power Consumption	300W	Driver Efficiency	>91%
LED Output Power (hot)	26000lm	Power Factor	>0.95
Colour Temperature	4500K	Dimensions	L315 x W218 x H500 (mm)
Colour Rendering Index	>70	Net Weight	10.1kg (without reflector)
Light Decay	< 15% (20,000 hours)	IP Rating	IP54
Input Voltage	85V-265V AC / 50Hz - 60Hz	Working Environment	Temp: -10~55°C / Humidity: 10%~90%

* Shown with 45° reflector, see reverse side for details.

Meets IPART requirements for the NSW Energy Saving Scheme. See <http://www.ess.nsw.gov.au/> for more information.

Available Aluminium Reflectors

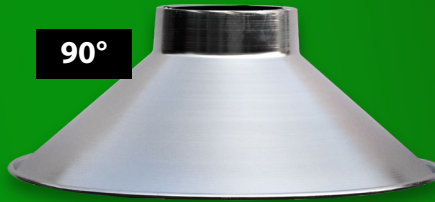
The LEDHB300W is compatible with a range of aluminium reflectors.



120°

Recommended for:

- Ceiling heights 4 - 6m
- Assembly lines, display lighting, general lighting.
- Ø: 500mm x H: 150mm



90°

Recommended for:

- Ceiling heights 6 - 8m
- Retail spaces, manufacturing, warehouses.
- Ø: 500mm x H: 195mm



45°

Recommended for:

- Ceiling heights 8 - 12m
- Factories, retail spaces, halls, indoor sports facilities, large warehouses.
- Ø: 420mm x H: 270mm

Illuminance at a Distance

Straight-down Illumination Distribution for LEDHB300W with 45° aluminium reflector

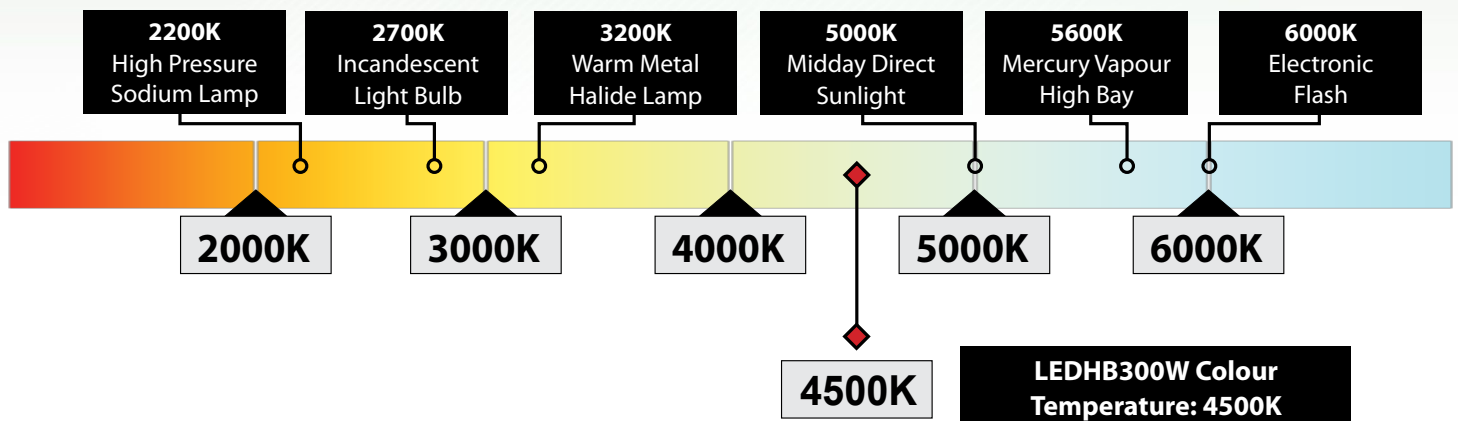
Lux is a measurement of illuminance over 1m². Illuminance is inversely proportional to area. The higher the ceiling, the more the light will disperse before reaching the ground.

Reflectors are used to concentrate the light beam for higher ceilings. Please consider the application before selecting a reflector. See the reverse side of this page for reflector types.

	CENTRE BEAM LUX	APPROX BEAM WIDTH
2m	2080 lx	4.0m
4m	517 lx	8.0m
6m	230 lx	12.0m
8m	129 lx	16.0m
10m	82 lx	20.0m

Defining Colour Temperature for your LED High Bay

The ENSA LED lighting range is available in a number of colour temperatures to suit your needs. Below is a reference scale charting existing light sources and their colour temperature. Use this chart as an approximate guide when selecting from our LED lighting range.



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