greenhse Technologies

SAFETY CERTIFIED · RCM
Cert GMA-515256 · details p.2

SPEC SHEET
Product code: HB100P-SO-120°

100 W LED High Bay – 120° Beam, 5000 K

A compact round high bay light for sheds, garages and workshops with 3–4 m ceilings.



KEY FEATURES

- 16,000 lm – 160 lm/W
- Wide 120° lens – suits lower ceilings of about 3–4 m
- Bright white 5000 K, CRI >80
- Sealed IP66 and very tough IK10
- Works from −40 °C to +45 °C
- Light 1.8 kg body, hangs from a ring

IN THE BOX

- 1 × 100 W high bay light with hanging ring and supply lead

SPECIFICATIONS

Power	100 W
Input voltage	200–277 VAC, 50/60 Hz
Light output	16,000 lm (160 lm/W)
Colour temperature	5000 K
Colour rendering (CRI)	80 or higher
Beam angle	120°
Dimmable	No
IP rating	IP66
IK rating	IK10
Power factor	0.9 or higher
Size	Ø240 × 145 mm
Weight	1.8 kg
Material	Black die-cast aluminium, anti-UV polycarbonate lens
Operating temperature	−40 °C to +45 °C
Lifespan	50,000 hours
Warranty	4 years

Installation: licensed electrician required – see the installation guide. Keep your invoice for warranty.

Certifications: SAA, RCM

100 W LED High Bay – 120° Beam, 5000 K

ABOUT THIS PRODUCT

A compact round LED high bay for sheds, garages, workshops and small warehouses with ceilings of about 3 to 4 m. It gives 16,000 lumens of bright 5000 K light from just 100 W, so it can replace much older and hungrier metal halide fittings. The die-cast aluminium body works as a heat sink to keep the LEDs cool, and the anti-UV lens is sealed to IP65 and very tough at IK10. It hangs from its ring and runs straight from 240 V mains with a built-in, flicker free driver.

MORE DETAILS

Surge protection	6 kV line to line and line to earth
Driver efficiency	Over 90%
Start time	Under 0.5 seconds
Switching cycles	Over 100,000
Colour consistency	SDCM under 6
LED life	L70 over 100,000 hours
Operating humidity	10% to 90% RH
Finish	Black (RAL 9004) polyester powder coat

SAFETY & COMPLIANCE

Electrical safety certified for Australia
Certificate GMA-515256, valid to 20 Apr 2028

RCM

Electrical safety certificate	GMA-515256 (valid to 20 Apr 2028)
Certificate covers	The light
Compliance mark	RCM (Regulatory Compliance Mark) for electrical safety and EMC
Equipment risk level	Level 1
Greenhse EESS registration	LR2026002155 (registered to 4 Feb 2027)
Tested to	AS/NZS 60598.2.1:2014 including A1 - 2; AS/NZS 60598.1:2017 + A1 - 2
Also	IP65 and Class I (earthed) per certificate, rated ambient ta 45 °C
Also	IK10 impact tested (IEC 62262)
Also	EMC tested to AS CISPR 15:2017

Greenhse Technologies is the registered Australian responsible supplier for this product on the national Electrical Equipment Safety System (EESS). Certificate numbers can be checked on the public EESS database at eess.gov.au.