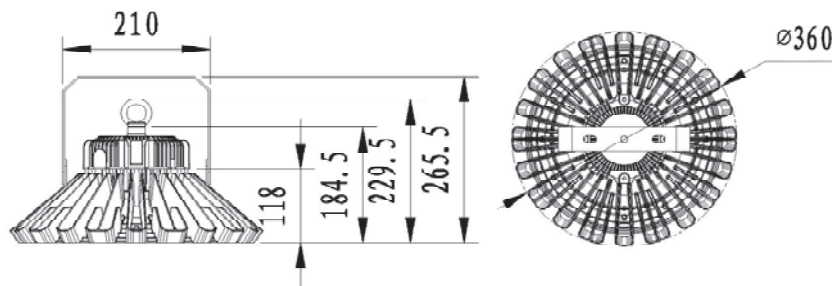


SkyBay 2.1 LED Hi-Bays (LL2LHB2100 Series up to 10,400Lm) Specification



Product Features

- High performance, up to 10,400Lm (hot lumen)
- Rugged and robust design ideal for commercial space and industrial warehouse applications
- Black finish for improved heat management
- Alternative to metal halide 250W¹
- Energy Savings up to 70% compared to metal halide products¹
- TM21 projected LED Life >100,000 hours at L₇₀
- High colour rendering, in excess of CRI:70
- Optional 1-10V dimming available
- Colour temperature options: 4000K, 5000K
- Instant start and restart
- Beam angle 120 degree
- UV Resistant Flex and plug
- Optional mounting bracket
- IP66 standard ingress protection
- Full Australian Approvals
- Seven Year Warranty



Physical

Height: 229mm (265mm with mounting bracket)

Diameter: 360mm

Weight: 6.4kg ±0.3kg

Control and Programming

Dimming: Optional 1-10V available

Construction

Fixture: Die-cast aluminium

Fixture colour: Black

Lens: Clear acrylic

Protection rating: IP66

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Connection

Power connection: Flex and plug

Output

Luminous Flux 4000K: 9,900Lm

Luminous Flux 5000K: 10,400Lm

Efficacy: Up to 130Lm/W

Beam Angle: 120°

CRI: >70

Quantity of Light source: 1

Run Cost/Yr: \$52.416

**Costs based on usage 260 days @ 12hr/day, Energy cost \$0.21/kWh*

Electrical

Input Voltage: 220-240Vac

Typical Lamp Power: 72W

Driver Losses: 8W

Typical Total Power: 80W

Power Factor: 0.95

Total Harmonic Distortion: ≤15%

Thermal

Cooling: Convection, Conduction

Operating Range Tc: -40°C ~ +60°C

Humidity (non-condensing): 15-95%

Run Temperature T_{eq}: <70°C

Certificates

EMC: AS/NZS 61547, EN 55015 AS/NZS CISPR15, EN 61000.3.2 & .3.3

Electrical Safety: AS/NZS 60598.1 & .2.1, AS/NZS 4417 (RCM)

Catalogue Number

Product Group		Group Designation		Dimmable		Lumen Output		Light Colour Temperature	
LL2	SkyBay	LHB2	LED Highbay 2			100	10,000 Series	C	Cool White 5000K
				D	1-10V Dimmable			N	Natural White 4000K

LL2

LHB2

D

100

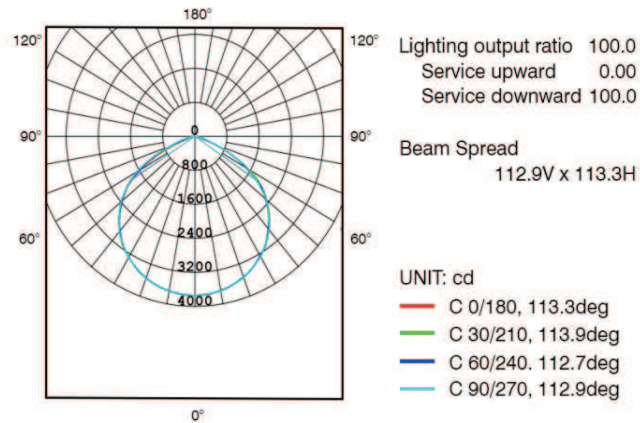
C

LL2LHB2D100C

Lumex SkyBay 2.1 80W 1-10V Dimmable 120 degree 5000K

SkyBay 2.1 LED Hi-Bays (LL2LHB2100 Series up to 10,400Lm) Specification

Polar intensity diagram



LL2LHB2100C

M	E _{av}	E _{max}		Dia(cm)
5	44	150		1512
6	31	104		1814
8	17	59		2419
10	11	38		3024
12	8	26		3629

¹ Specific product and energy saving comparisons will vary with light level requirements and other aspects of a particular application. A lighting design review is recommended to identify the most economical solution for each application.

* November 2014, Specifications subject to change without notice