LEDTEC

100W LHB Linear Highbay

TECHNICAL DATA SHEET

The LHB linear highbay delivers premium optical performance. With high luminaire efficiency and specialised asymmetrical optics, it ensures optimal lighting that is low-glare, making it ideal for multiple applications. Refined with IP66 for indoor and outdoor use, it offers versatile illumination solutions without compromise.

Areas for Application

- Indoor Courts
- Gymnasiums
- Public Spaces
- Retail Stores
- Warehouses
- Sports Halls
- Industrial Workshops
- Manufacturing Facilities
- Commercial Facilities

Lighting Council AUSTRALIA ACCREDITED

ies Corporate Member 2025/2026

100% AUSTRALIAN OWNED & OPERATED

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TECHNICAL SPECIFICATIONS

Product	
Model	*LHB 100W*

Luminaire Information	
Rated Power	*100W*
Operating Temperature Range	*-30° ~ +50° c*
Control	*ON/OFF - Standard* *Optional:* *0 - 10V Dimming* *DALI 2.0 Dimming*
Mounting Options	*Suspension Mounting* *Ceiling Mounting* *±60deg Rotatable Bracket Mounting* *Suspension rope mounting*

Electrical Characteristics	
Input Voltage	*220 - 240VAC*
Frequency Range	*50 / 60Hz*
Power Factor	*>0.94*
Driver	*Sosen*
Driver Type	*Constant Current*
Surge Protection	*6kV line - line* *10kV line - earth*

Warranty	
Warranty	*5 Years*

Material & Finish	
Ingress Protection Rating	*IP66*
Impact Rating	*IK10*
Material Compostion (Body)	*Aluminium Alloy*
Material Composition (Lens)	*Polycarbonate Optical Lens*
Finish	*Powder Coating*
Fixture Colour	*Black (RAL9017)*

Weight & Packaging	
Product Dimensions	*340 x 350 x 60mm*
Net Weight	*3.6kg*
Packaging Dimensions	*428 x 418 x 110mm*
Gross Weight	*4.8kg*

Optical Characteristics	
Correlated Colour Temperature	*4000K Standard* *(Optional 2700K - 6500K)*
Colour Rendering Index	*Ra80+*
LED Type	*LED 2835*
LED Expected Lifespan	*115,000 at L80B50*
Light Efficacy	*185lm/w*
Lumnious Flux	*17,200 - 18,600lm*
Beam Angle	*Type I: 50°* *Type II: 80°* *Type III: 85°* *Type IV: 120°*

MOUNTING OPTIONS

Suspension mounting

Suspension rope

Ceiling mounting

Ceiling mount with ±60°rotatable bracket

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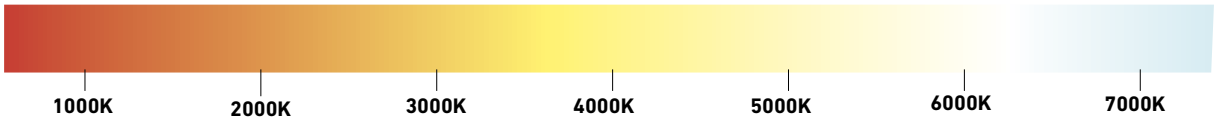
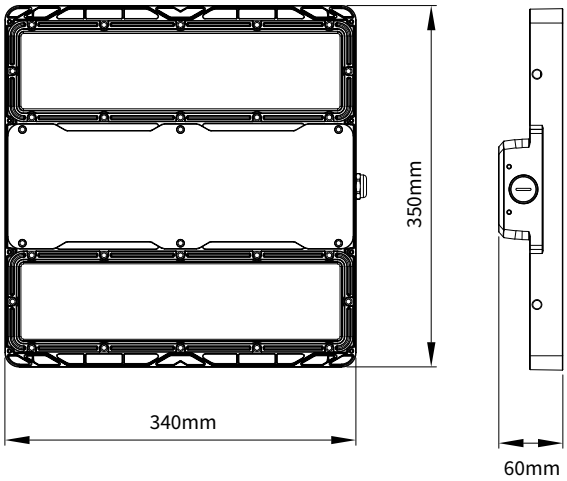
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

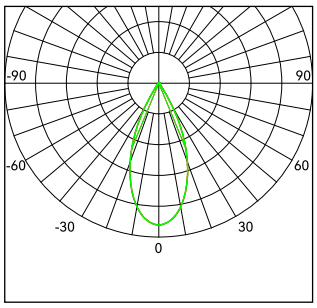


DIMENSIONS

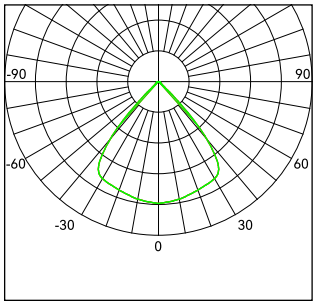


ILLUMINANCE AT DISTANCE

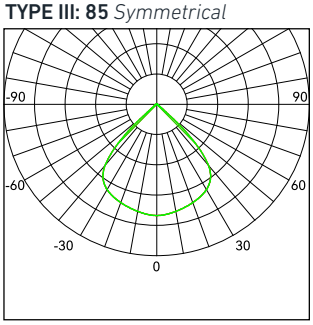
TYPE I: 50° *Symmetrical*



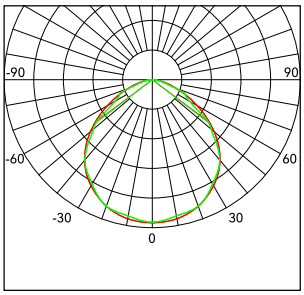
TYPE II: 80° *Symmetrical*



TYPE III: 85 *Symmetrical*



TYPE IV: 120° *Symmetrical*



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