LEDTEC
100W KHD HIGHBAY

TECHNICAL DATA SHEET

The KHD is an extremely robust LED highbay which, due to its high tempered glass lens and cold-forged pure aluminum alloy body, delivers superior heat performance enabling it to withstand an ambient temperature up to 60 degrees celsius. Featuring a high strength to weight ratio and precision optics, its designed for installation heights of 12 metres and above.

Areas for Application

- Warehouses
- Factories
- Retail Stores
- Sports Halls
- Public Spaces
- Processing Plants

Lighting Council AUSTRALIA MEMBER

ies Corporate Member 2022/2023

100% AUSTRALIAN OWNED & OPERATED

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TECHNICAL SPECIFICATIONS

Product	
Model	*KHD*

Luminaire Information	
Rated Power	*100W*
Operating Temperature Range	*-40° ~ +60° c*
Luminous Flux	*13,000Lm*
Fixture Installation	*Chain Mount* *Hook Mount*
Mounted Height	*0-30m*

Electrical Characteristics	
Operating Voltage Range	*AC 100-240V / 415VAC*
Power Factor	*>0.90*
Operating Voltage Range	*AC 90-305V*
Input Current	*0.5A/230VAC*
Frequency Range	*50-60Hz*
Light Efficacy	*115-130Lm/w*
Driver Type	*Mean Well*

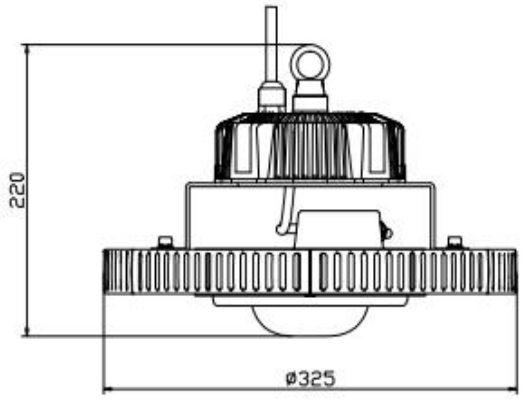
Optical Characteristics	
Correlated Colour Temperature	*5000k Standard (2700K - 6500K optional)*
Colour Rendering Index	*70Ra*
LED Type	*Samsung*
LED Expected Lifespan	*50,000 hrs*
Beam Angle	*Type E1: 76°* *Type E3: 120°*

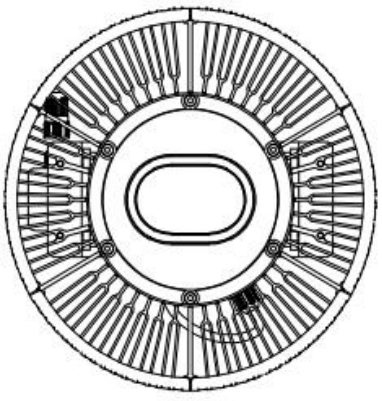
Material & Finish	
Ingress Protection Rating	*IP67*
Ingress Protection Rating	*IK08*
Material Compostion (Body)	*Aluminium alloy*
Material Composition (Driver Box)	*Casting Alluminium*
Material Composition (Lens)	*Stalinite Glass*
Material Composition (Bracket)	*Hot Rolled Carbon Steel*
Material Composition (Cable)	*Polivinyl Chloride*

Weight & Packaging	
Diameter	*325x325mm*
Weight	*4.5kg*

Warranty	
Warranty	*5 Years*

DIMENSIONS





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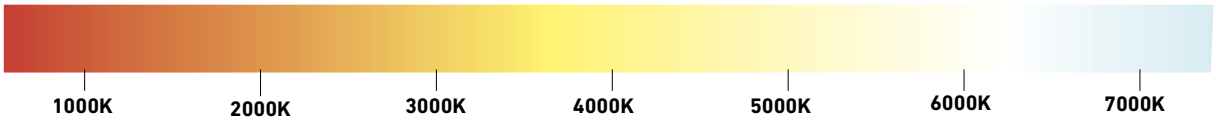
COLOUR TEMPERATURES

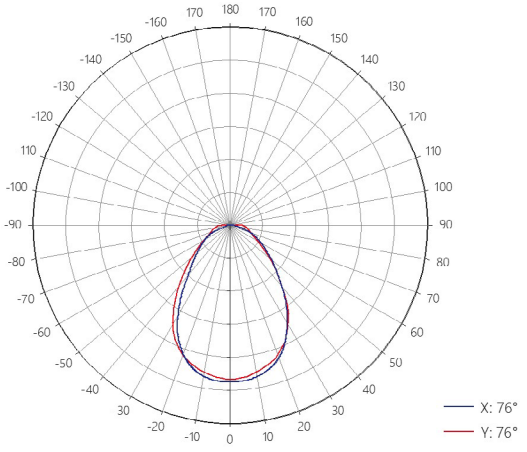
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

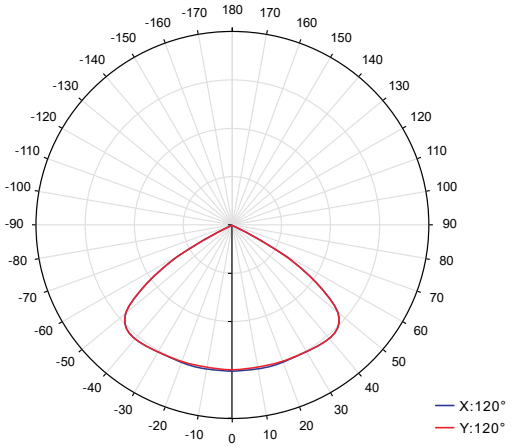


ILLUMINANCE AT DISTANCE

TYPE E1: 76°



TYPE E3: 120°



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