UP TO
75%
ENERGY SAVINGS
150 – 400W HID replacement

Kascade

HACCP approved food grade luminaire

enLighten

PRODUCT RANGE

Model #	Description	Lumen Output (lm)	Rated Power (W)
KHB100-50K-xx-90	100W 5000K CRI>90 Kascade LED Highbay	11,260	100
KHB120-50K-xx-90	120W 5000K CRI>90 Kascade LED Highbay	12,940	120
KHB150-50K-xx-90	150W 5000K CRI>90 Kascade LED Highbay	16,910	150
KHB200-50K-xx-90	200W 5000K CRI>90 Kascade LED Highbay	21,570	200

xx denotes beam angle: 120º, 90º, 50º

Introducing a high-performance, high CRI, HACCP approved LED highbay ideal for use in food production and other industrial areas.

The Kascade LED highbay has a high light output, high colour rendering whilst keeping power consumption low.

Designed with no glass, it is completely sealed from the environment and offers glare shielding.

CONTRACTOR BENEFITS

- **Ease of installation -** Single point hook mounting with 3m flex and plug

- **Available in 100W, 120W, 150W & 200W**

- **IP66 -** Ingress protection for dust tightness and protection against significant water pressure

- **IK10 -** Highest level of impact resistance

- **Zero maintenance -** Reliable Meanwell driver

CLIENT BENEFITS

- **HACCP approved luminaire** for safe use in food production areas

- **Very high colour rendering -** CRI >90 for clear distinction between object colours

- **High performance Nichia LEDs** with over 170,000 hours of operating life @L70

- **Narrow, medium & wide beam optics -** Ensure flexible delivery of light

- **High luminaire efficacy -** Over 107 lumens per watt for CRI>90

- **Ambient operating temperature** range of -30°C to +50°C

- **5 Year warranty**

APPLICATIONS

WAREHOUSING

FOOD MANUFACTURING

FEATURES

SAFETY COMPLIANCE

SUSPENDED MOUNT

90 CRI
COLOUR RENDERING

IP66
INGRESS PROTECTION

IK10
IMPACT RATING

5
YEAR WARRANTY

DIMENSIONS

ø34mm

ø489mm
ø403mm

200mm
54mm

PHOTOMETRICS

cd/klm C0 - C180 C90 - C270

50° model
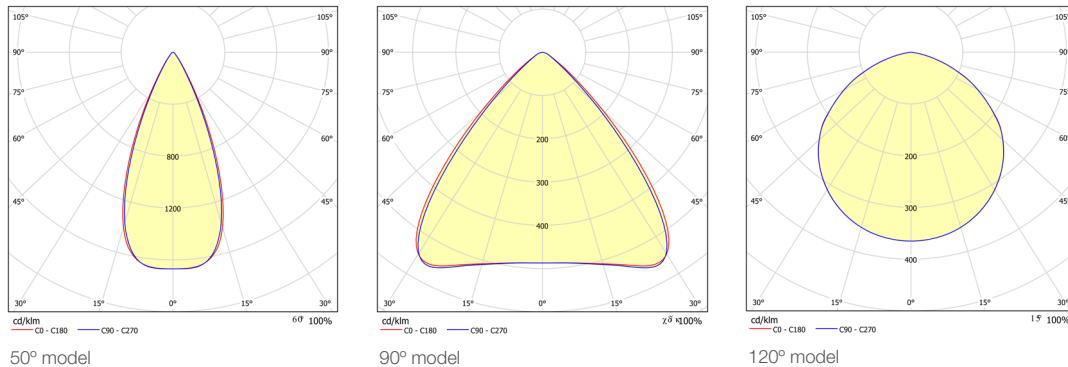

cd/klm C0 - C180 C90 - C270

90° model

cd/klm C0 - C180 C90 - C270

120° model
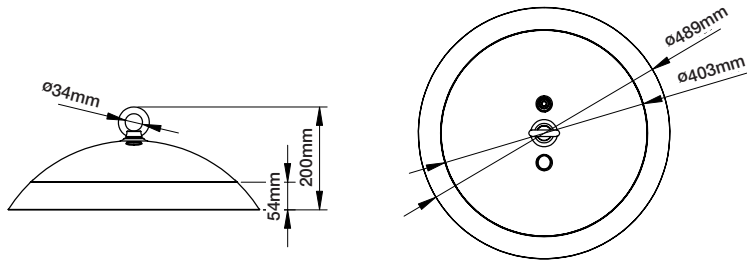
COMPLIANCE

The Kascade LED highbay meets or exceeds all relevant standards and regulatory requirements.

For a full compliance and testing list visit **www.enlighten.com.au**. IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.

TECHNICAL INFORMATION

Optical	
Light source	Nichia LEDs
Lumen output	11,200 – 21,640 lumens
CRI	Ra > 90 standard; Ra > 80 optional
CCT	5000K standard; 3000K & 4000K optional
Luminaire efficacy	> 107 lm/W
Beam angle	120°, 90°, 50°
Electrical	
Power consumption	100W, 120W, 150W, 200W
Operating frequency	50Hz
Operating voltage range	220 – 240V AC
Power factor	>0.90 / 240V AC
Driver	Meanwell
Environmental	
IP rating	IP66
Impact rating	IK10
Net Weight	7.2 ± 0.3 kg
Ambient temperature range	-30°C to 50°C
Material Composition (body)	Aluminium Alloy
Material Composition (diffuser)	Polycarbonate lens
Expected Lifespan	>170,000 hours @L70, >100,000 @L80, > 45,000 @L90
Warranty*	5 years

Data subject to change without notice
* Refer to warranty policy

Lighting Council
AUSTRALIA
MEMBER 2019

Fluoro**Cycle**