



enLighten

## Industrial Luminaire

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

# Kascade

HACCP approved food grade luminaire



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

The Kascade uses multiple optics and is an energy efficient, high colour rendering LED highbay that also offers glare shielding. Its smooth yet robust surfaces have no exposed screws, it is hygienically sealed and uses no glass components, so it can withstand powerful jets of water for hassle-free cleaning. A perfect choice for the replacement of the traditional food grade luminaire.



## OPTIONS AND 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
- **Ease of installation** - Single point hook mounting with 3m flex and plug
- **Zero maintenance** - Reliable Meanwell driver
- **Available in 100W, 120W, 150W & 200W**
- **Narrow, medium & wide beam optics** - Ensure flexible delivery of light
- **Control Options** - 1-10V, DALI
- **IP66** - Ingress protection for dust tightness and protection against significant water pressure
- **IK10** - Highest level of impact resistance
- **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



FOOD  
MANUFACTURING



HALLS



INDOOR SPORTS  
CENTRES



LARGE  
RETAIL



WAREHOUSING



WHOLESALE  
OUTLETS

## FEATURES



COLOUR  
RENDERING



IMPACT  
RATING



INGRESS  
PROTECTION



PENDANT  
MOUNT



SAFETY  
COMPLIANCE



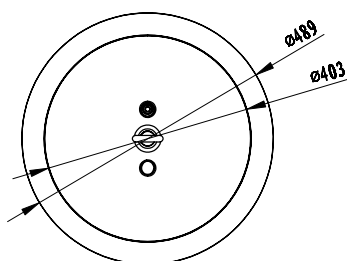
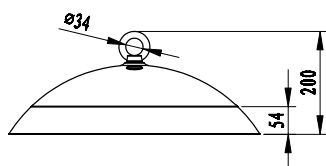
5  
YEAR  
WARRANTY

## PRODUCT RANGE

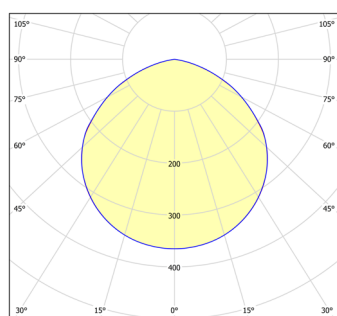
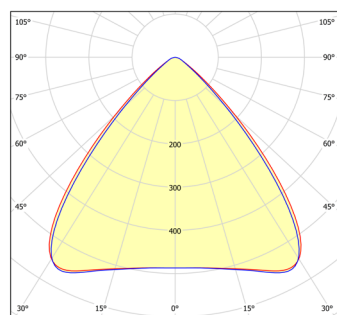
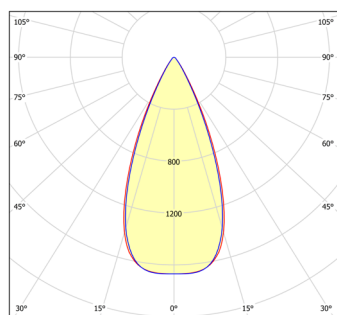
Model #	Description	Lumen Output (lm)	Rated Power (W)
KHB100-50K-xx-90	100W 5000K CRI>90 Kascade LED Highbay	11,200	100
KHB120-50K-xx-90	120W 5000K CRI>90 Kascade LED Highbay	13,000	120
KHB150-50K-xx-90	150W 5000K CRI>90 Kascade LED Highbay	16,990	150
KHB200-50K-xx-90	200W 5000K CRI>90 Kascade LED Highbay	21,520	200

xx denotes beam angle: 120°, 90°, 50°

## DIMENSIONS



## PHOTOMETRICS



## 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 hours @ L80 46,000 hours @ L90

### Controls - Optional

1-10V, DALI

### Warranty\*

5 years

Data subject to change without notice  
\* Refer to warranty policy

## 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](http://www.enlighten.com.au). IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.