



Leaders in energy efficient lighting



**Primo 21K**  
21000 lm ▪ 125W  
170 lm/W  
Dimmable



**Primo 17K**  
17000 lm ▪ 115W  
150 lm/W  
Dimmable



**Primo 12K**  
12000 lm ▪ 80W  
150 lm/W  
Dimmable

**primo**  
FIRST FOR HIGH PERFORMANCE  
LED HIGHBAYS

**World-Leading  
Primo LED highbays**  
Move another step ahead



[tigerlight.com.au](http://tigerlight.com.au)

# Primo world-leading LED highbays move another step ahead.

Even greater LED performance from highly advanced LED and dimming technology.  
Now up to 170 lumens/Watt. Dimmable 1-10VDC.

**MADE IN KOREA**

**True industrial-quality lighting designed and built in Korea for the ultimate in energy saving performance.**

**Primo LED Highbays feature only the best available components**

- High-performance LED chipsets, up to 170 lm/watt efficiency
- Latest drivers from Inventronics, tested to 80,000 hours at 70°C
- Superb Korean design and build quality for extra heavy duty
- Proven track record since first generation launched in 2013.

**Daylight harvesting enabled**

All Primo highbays are dimmable, unlocking huge potential savings when used with light or motion sensors.



## Primo 12K LED Lowbay/Highbay

12,000 lumens - Only 80W power - Dimmable

**12,000 lm**

The ultimate lowbay with class-leading efficiency  
12,000 lm from just 80W @150lm/W

**NEW**

- Comparable to 250-400W HID lowbay/highbay depending on ceiling heights and lux requirements
- Dims 1-10VDC. Enables auto-dimming with Tiger Eye light and motion sensors
- Polycarbonate lens for food-safe areas, in retail, manufacturing and logistics.
- White reflector minimises glare in low ceilings fitted as standard.
- 5700K
- IP65



Power	Lumen output	Beam angle	Comparable HID	Ceiling height
80W	12,000 lm	110 degrees	Up to 400W	5-8+m



## Primo 17K LED Highbay

17,000 lumens - Only 115W power - Dimmable

17,000 lm

The complete energy-saving package

**150 lm/W output - 17000 lumens from just 115W**  
**Dimmable with sensors for even greater efficiencies**

- State-of-the-art super-efficient LED chipset producing 150 lumens/Watt
- Dims 1-10VDC, enabling auto-dimming with Tiger Eye light and motion sensors
- Comparable to 400-700W HID depending on ceiling heights and lux requirements
- Colour temperature 5,700K. Rated IP65
- Polycarbonate lens for food-safe areas, in retail, manufacturing and logistics.



Optional 65 degree mirror reflector

**NEW**

Power	Lumen output	Beam angle	Comparable HID	Ceiling height	150+ lm/W	115/65° BEAM	IP 65	5 Year Warranty
115W	17,000 lm	115 degrees	400-700W	8-14+m				

## Primo 21K LED Highbay

21,000 lumens - High Output 170 lm/watt - Dimmable

21,000 lm

Highly efficient - 125W @ 170 lm/W  
 For greater lumen output

- For higher ceiling heights and for greater lux requirements
- Dims 1-10VDC. Enables auto-dimming with Tiger Eye light and motion sensors
- Colour temperature 5,700K
- Rated IP65.
- Polycarbonate lens for food-safe areas, in retail, manufacturing and logistics.



**NEW**

Power	Lumen output	Beam angle	Comparable HID	Ceiling height	170 lm/W	115/65° BEAM	IP 65	5 Year Warranty
125W	21,000 lm	115/60°	Up to 1000W	8-18+m				

**Primo Range**



**Primo 12K LED Lowbay/Highbay**

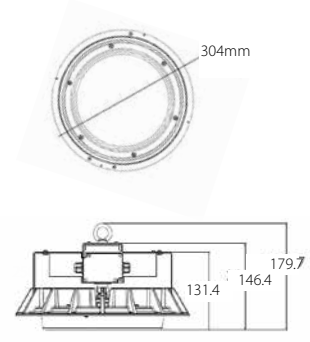
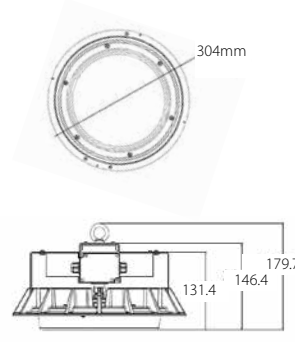
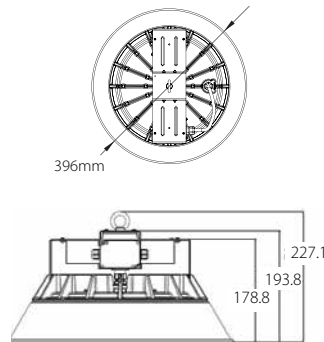


**Primo 17K LED Highbay**



**Primo 20K LED Highbay**

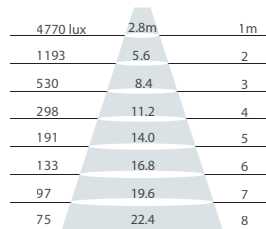
**Dimensions**



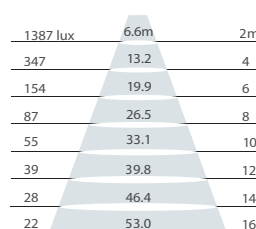
Technical Specifications	Primo 12K lowbay	Primo 17K highbay	Primo 21K highbay
Total power consumption	82W	115W	127W
Input voltage, frequency	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz
Power factor	0.98	0.98	0.98
Power supply / LED chips	Inventronics / Samsung	Inventronics / Samsung	Inventronics / Dongbu Korea
Lumen output	12,300 lm	17,000 lm	21,500 lm
Luminous efficacy	~150 lm/W	~150 lm/W	~170 lm/W
Colour temperature	5,700°K	5,700°K	5,700°K
CRI	80	80	75
Beam angle	110 degrees	115 deg / 65 deg with reflector	115 deg / 65 deg with reflector
Dimming / Type	Dimmable 1-10VDC	Dimmable 1-10VDC	Dimmable 1-10VDC
IP rating	IP65	IP65	IP65
Operating temperature	-30 to +50°C	-30 to +50°C	-30 to +50°
Service life	50,000+hrs	50,000+hrs	50,000+hrs
Construction - Body	Forged aluminium & steel	Forged aluminium & aluminium	Forged aluminium & aluminium
- Lens	Polycarbonate	Polycarbonate	Polycarbonate
Weight	4.8kg	3.4kg	3.4kg
Dimensions (Diam x Height)	396mm D x 227 H	304mm D x 180mm H	303mm D x 180mm H
Product code - Standard	HP12K80	HP17K115	HP21K1215
-Reflector	- (Fitted as standard)	HP17KAR	HP21KAR
-Diffuser & lens kit (foodsafte)	HP12K80LENSKIT	-	-

**Illuminance**  
(Lux, Beam Diameter, Height)

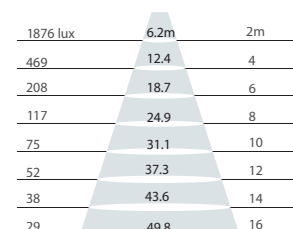
**12K - 80W - 110° beam**



**17K - 115W - 115° beam**



**21K - 125W - 115° beam**



Primo LED Highbays are designed and manufactured in Korea to exacting quality standards and manufacturing processes, which are accredited to ISO9001:2008 Quality Management System.

