



High-performance industrial lighting



Primo 21K

21000 lm ▪ 125W
170 lm/W
Dimmable



Primo 40K

40000 lm ▪ 260W
150 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

In a class of their own.

World-leading Primo LED Highbays
move another generation ahead.

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, now up to 170 lm/watt efficiency
- Latest dimmable drivers, tested up to 100,000 hours at 70°C
- Superb Korean design and build quality for extra heavy duty
- Proven track record since first generation was launched in 2013.

The latest in high performance highbays. Only at Tigerlight.



Primo IQ integrated occupancy sensors
are now available on all Primo highbays.

They dim automatically and can
be easily be pre-programmed
with a remote control to suit
the needs of each area on site.



Auto-dimming individual lights with light
or occupancy sensors eliminates power
wastage when light is not needed,
cutting lighting costs by up to 90%.



tigerlight®

1300 1 TIGER
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Primo 12K LED Lowbay/Highbay

12000 lumens • 80W • Dimmable

Outstanding 150 lumens per watt performance
 Dimmable 1-10VDC for ultimate energy efficiency
 Daylight and motion sensor compatible.



primo
 FIRST FOR HIGH PERFORMANCE
 LED HIGHBAYS

Outstanding performance

- 12,000 lumens from 80W - outstanding efficiency
- 150 lumens per watt from latest high performance LEDs
- Dimmable Inventronics driver for use with optional lighting controls
- 50,000+ hour service life and 5 year warranty.

Designed for 5-8+ ceilings

- Wide 110 degree beam spread for even light distribution
- Bright white 5,700K light. Low glare fascia design
- Rated IP65 and for operating temps from -30 to +50°C
- Food safe design with polycarbonate lens - no glass.

Auto-dimmable 1-10VDC, with Primo IQ occupancy and daylight harvesting sensors



Auto-dimming is the ultimate in energy efficiency
 Reduces power by up 90% when extra light is not needed
 Power consumption falls to just 8W when dimmed with
 Primo IQ occupancy sensors and daylight harvesting sensors.

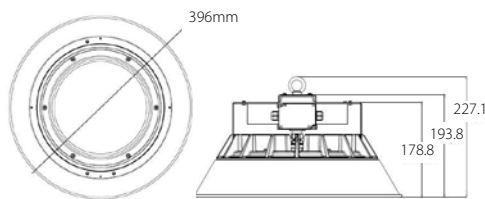
Primo IQ occupancy sensors and daylight harvesting sensors can be attached quickly and easily to all Primo highbays.

Standard 110 degree reflector to eliminate glare at low ceiling heights.

Polycarbonate lens standard. Complies with Food Safety Standards.



Physical Dimensions



Illuminance (110 deg)

(Lux, Beam Diameter, Height)

1209 Lux	5.9m	2m
302	11.8	4
134	17.7	6
76	23.6	8
48	29.5	10
34	35.3	12
25	41.2	14
19	47.1	16

Model	Lumens	Power	Comparable HID	Ceiling height	IP Rating
▶ Primo 12K	12,000 lm	80W	250-400W	5-8+m	IP65
Primo 17K	17,000 lm	115W	400-700W	8-14+m	IP65
Primo 21K	21,000 lm	125W	To 1000W	8-18+m	IP65
Primo 40K	40,000 lm	260W	1000+W	12-25+m	IP65

Applications

- Commercial & industrial lighting, including retail centres, warehouses, factories, mining.
- Hot, cold, moist and dusty environments.

80W
lamp power

12,300
lumens

150
lm/W

110°
BEAM

IP
65

IK
08

5
Year
Warranty

ENERGY SAVING REBATES AVAILABLE - NSW, VIC, SA



DESIGNED AND BUILT IN KOREA
 FOR EXTRA HEAVY DUTY

Technical parameters

Total power consumption	82W
Input voltage	100~277V AC
Power frequency / Power factor	50/60Hz / ~0.98
Driver / LED chip spec	Inventronics / Samsung
Dimming	1-10VDC
Lumen output	12,300 lm
Luminous efficacy	~150 lm/W
Colour temperature	5,700°K
CRI	80
Beam angle	110 deg
IP rating	IP65
Operating temperature	-30 to +50°C
Service life	50,000+ hrs
Construction - Body	Forged Aluminium
- Reflector	White powder coated steel
- Lens	Polycarbonate
Weight	3.7kg
Dimensions (Diam x Height)	396mm D x 227mm H
Product code - Primo 12K	HP12K80