

LED LOWBAY / HIGHBAY LIGHT

Primo 12K Lowbay

71W

12,340 lm

DIMMABLE 1-10VDC



Outstanding 170 lumens/watt performance
Dimmable 1-10VDC for ultimate energy efficiency
Light and motion sensor compatible.

primo-
FIRST FOR HIGH PERFORMANCE
LED HIGHBAYS



-170 LUMENS
PER WATT



50,000+
HOURS



IP65
RATING



115° BEAM



RA >80 CRI
5000K



PLUG & PLAY
LIGHT / MOTION
SENSORS



5 YEAR
WARRANTY

CLASS-LEADING PERFORMANCE

Over 12,000 lumens from just 71W at 170 lm/W
Latest high-performance LED chips
Dimmable Inventronics driver for use with optional
light and/or motion sensors
Rated IP65 and for operating temps -30 to +50°C
Food safe design with polycarbonate lens - no glass
Optional reflectors for low glare
50,000+ hours service life and 5 years warranty

APPLICATIONS

- Commercial & industrial lighting
- Retail stores and centres
- Warehouses, manufacturing
- Lower ceilings and/or lower lux levels
- Hot, cold, moist and dusty environments.

DESIGNED AND BUILT IN KOREA
FOR EXTRA HEAVY DUTY



DIMMING 1-10VDC

Primo IQ occupancy & light sensors are fully integrated into Primo highbays, connected via a simple plug & play cable.

Automatic dimming is pre-programmed area by area, via remote control.

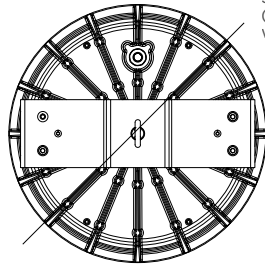
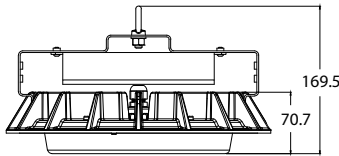
Auto-dimming individual lights with light or occupancy sensors eliminates power wastage when light is not needed, cutting lighting costs by up to 90%.



Primo IQ occupancy & light sensors can be attached quickly and easily with Plug & Play connector cables.



PHYSICAL DIMENSIONS



304mm diam (approx 396mm with reflector)

Polycarbonate lens standard. Complies with Food Safety Standards



Optional 115 degree reflector reduces glare at low ceiling heights. 50 deg also available.

PRIMO LED LOWBAYS AND HIGHBAYS RANGE & SPECIFICATIONS

Model	Lumens	Power	Comparable HID	Ceiling	IP Rating
▶ Primo 12K	12,000 lm	71W	250-400W	5-8+m	IP65
Primo 21K	21,000 lm	127W	400- 700W	8-14+m	IP65
Primo 26K	26,000 lm	153W	700+W	10-16+m	IP65
Primo 40K	40,000 lm	260W	1000+W	12-25+m	IP65

ILLUMINANCE (115 deg)
(Lux, Beam Diameter, Height)

1057 lux	6.2m	2m
264	12.2	4
117	18.5	6
66	24.6	8
42	30.1	10
29	36.9	12
22	43.0	14
17	49.2	16

TECHNICAL PARAMETERS

Power consumption	71W
Input voltage & frequency	100-277VAC; 50/60Hz
Power factor	-0.98
Surge protection	10kV L-FG / 6kV L-L
Driver	Inventronics Dimmable
Dimming	Dimmable 1-10VDC with light & occupancy sensors
LED chips	High performance Samsung, ~170 lm/W
Luminous Flux	12,340 lumens
Efficacy	~170lm/W
Colour temperature	5000°K
CRI	RA >80
Light distribution	115 degrees. 115 and 50 degree reflector options

IP Rating / IK Rating	IP65 / IK08
Composition - lens	Polycarbonate - no glass
Composition - housing	Cast Aluminium
Working temperature	-30 to 50 °C
Service life	>50,000 hours
Warranty	5 years
Weight	3.7kg
Dimensions	304mm diameter / 169mm H
Product codes	HP12K70 (Reflectors extra)
	Reflector - 115° white / mirror HPR-W / HPR-M
	Reflector - 50° mirror HPR-50
	Diffuser & lens kit (foodsafe) HP12K80LENSKIT