



Greenperform Highbay G2

BY687P LED240 L3000/CW PSR S-WB PC

Cool white, Power supply unit regulating, Wide beam, Polycarbonate bowl/cover clear

GreenPerform LED Highbay luminaire is designed to replace traditional up to 400W HID Highbays. This advanced lighting system can deliver up to 77% energy savings. The system delivers simple, point to point replacement of up to 400W HID Highbays with three easy installation methods. The unique flat design means you have the flexibility to install by hook, pendant or bracket. GreenPerform LED Highbay will also reduce downtime. In the event of a power failure they turn on instantly, compared to the slower warm up of traditional HID lamps. They provide exceptionally high-performance in a range of applications. There are three beam shapes to choose from and the high-rack optics are engineered to illuminate vertical planes with exceptionally high accuracy

Product data

General Information		Light Technical	
Light source replaceable	No	Luminous Flux	14,000 lm
Number of gear units	1 unit	Correlated Color Temperature (Nom)	6500 K
Gear	-	Luminous Efficacy (rated) (Nom)	100 lm/W
Driver included	Yes	Color rendering index (CRI)	85
Light source engine type	LED	Light source color	Cool white
Glow-wire test	Temperature 650 °C, duration 30 s	Optic type	Wide beam
Flammability mark	-	Optical cover type	Polycarbonate bowl/cover clear
CE mark	-	Luminaire light beam spread	100°
ENEC mark	-		

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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	230 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 3.0 m without plug
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-25 to +45 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing Material	Metal
Optic material	Polycarbonate
Optical cover material	Tempered glass
Housing Color	Silver
Optical cover finish	Clear

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%

Application Conditions

Maximum dim level	1% (depends on dimmer, ELV)
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Product Data

Order product name	BY687P LED240 L3000/CW PSR S-WB PC
Full product name	BY687P LED240 L3000/CW PSR S-WB PC
Full product code	911401571811
Order code	911401571811
Material Nr. (12NC)	911401571811
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

