



# Greenperform Highbay G2

## BY687P LED240 L3000/CW PSR S-HRO PC

Cool white, Power supply unit regulating, High-rack optic, 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 source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	-
ENEC mark	-

Light Technical	
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	85
Light source color	Cool white
Optic type	High-rack optic
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	100°

Operating and Electrical	
Line Frequency	50 to 60 Hz
Power Consumption	230 W

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Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 3.0 m without plug
<b>Temperature</b>	
Ambient temperature range	-25 to +45 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Constant light output	Yes
<b>Mechanical and Housing</b>	
Housing Material	Metal
Optic material	Polycarbonate
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%
<b>Application Conditions</b>	
Maximum dim level	1% (depends on dimmer, ELV)
<b>Product Data</b>	
Order product name	BY687P LED240 L3000/CW PSR S-HRO PC
Full product name	BY687P LED240 L3000/CW PSR S-HRO PC
Full product code	911401572411
Order code	911401572411
Material Nr. (12NC)	911401572411
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

