



Greenperform Highbay G2

BY689P LED90/CW PSU S-HRO

LED module 9600 lm, Cool white, Power supply unit (On/Off), High-rack optic

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		ENEC mark	
Lamp family code	LED96 [LED module 9600 lm]	-	
Light source replaceable	No	Light Technical	
Number of gear units	1 unit	Luminous Flux	14,000 lm
Gear	-	Correlated Color Temperature (Nom)	6500 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	100 lm/W
Light source engine type	LED	Color rendering index (CRI)	85
Glow-wire test	Temperature 650 °C, duration 30 s	Light source color	Cool white
Flammability mark	-	Optic type	High-rack optic
CE mark	-	Optical cover type	Tempered glass

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Luminaire light beam spread	100°
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	80 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	No
Driver/power unit/transformer	Power supply unit (On/Off)
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
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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	Not applicable
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Product Data

Order product name	BY689P LED90/CW PSU S-HRO
Full product name	BY689P LED90/CW PSU S-HRO
Full product code	911401573311
Order code	911401573311
Material Nr. (12NC)	911401573311
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

