



# Greenperform Highbay G2

## BY689P LED90/NW PSU S-NB

LED module 9600 lm, Neutral white, Power supply unit (On/Off), Narrow beam

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	
Lamp family code	LED96 [LED module 9600 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	-

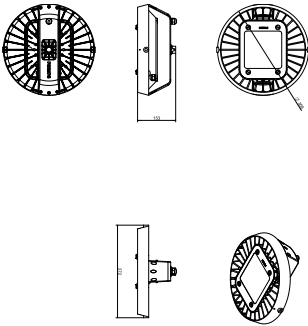
ENEC mark	-
Light Technical	
Luminous Flux	14,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	85
Light source color	Neutral white
Optic type	Narrow beam
Optical cover type	Tempered glass

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Luminaire light beam spread	70°
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	-
Number of products on MCB of 16 A type B	8
Temperature	
Ambient temperature range	-25 to +45 °C
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

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
Product Data	
Order product name	BY689P LED90/NW PSU S-NB
Full product name	BY689P LED90/NW PSU S-NB
Full product code	911401535911
Order code	911401535911
Material Nr. (12NC)	911401535911
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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