



# GreenPerform Highbay G5

## BY690P LED250/CW PSU WB GM

GreenPerform Highbay G5, 144 W, 25500 lm, 6500 K, 85°

The GreenPerform Highbay G5 continues the GreenPerform family’s enviable reputation for reliable performance. Not only does it deliver leading system efficacy and extended long-term quality, it also promises Unified Glare Rating (UGR) control with compact dimensions. GreenPerform Highbay G5 is also fully compatible with IoT software such as Interact, which is a scalable, future-proof control system. The family also has a series that supports cold room applications with 100% humidity and no condensation. All benefits that make this robust, optimized, and versatile family suitable for almost all industrial applications.

### Product data

General Information		Operating and Electrical	
Number of gear units	1 unit	Beam angle of light source	115 degree(s)
Gear	-	Light source color	865 cool daylight
Driver included	Yes	Optic type	Wide beam
Light source engine type	LED	Luminaire light beam spread	85°
Value ladder	Performance	Unified glare rating CEN	25
Warranty period	5 years	Effective projected area	0 m²
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	25,500 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	6500 K	Inrush current	54 A
Luminous Efficacy (rated) (Nom)	177 lm/W	Inrush time	0.75 ms
Color rendering index (CRI)	80	Power Consumption	144 W
Number of light sources	1	Power Factor (Fraction)	0.95

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Connection	Flying leads/wires
Cable	Cable 0,3 m with connector 3-pole
Number of products on MCB of 16 A type B 6	
Suitable for random switching	Yes
Protection class IEC	Safety class I

### Controls and Dimming

Dimmable	-
Control interface	-
Maximum dim level	Not applicable

### Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Suspension set simple, standard
Optical cover finish	Clear
Overall height	99 mm
Overall diameter	393 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Clear dome
Net Weight (Piece)	4.190 kg

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 °C
Ambient temperature range	-35 °C to 50 °C

### UV

UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m <sup>2</sup>

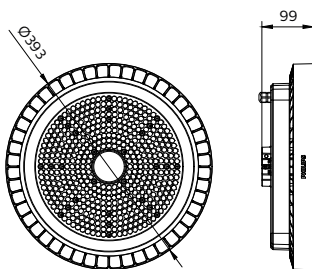
### Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Power consumption tolerance	+/-10%

### Product Data

Order product name	BY690P LED250/CW PSU WB GM
Full product name	BY690P LED250/CW PSU WB GM
Order code	911401542445
Material Nr. (12NC)	911401542445
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing



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