



GreenPerform Highbay G5

BY698P G5 LED200/CW PSU WB GM

GreenPerform Highbay G5, 121 W, 20500 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		Light source color	
Number of gear units	1 unit	Light source color	865 cool daylight
Gear	-	Optic type	Wide beam
Driver included	Yes	Luminaire light beam spread	85°
Light source engine type	LED	Unified glare rating CEN	25
Warranty period	5 years	Effective projected area	0 m ²
Light Technical		Operating and Electrical	
Luminous Flux	20,500 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	6500 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	169 lm/W	Inrush current	41.6 A
Color rendering index (CRI)	80	Inrush time	0.665 ms
Number of light sources	1	Power Consumption	121 W
Beam angle of light source	115 degree(s)	Power Factor (Fraction)	0.95
		Connection	Flying leads/wires

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Cable	Cable 0.3 m without plug
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	330 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Clear dome
Net Weight (Piece)	2.690 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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	0 °C to 35 °C

UV

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

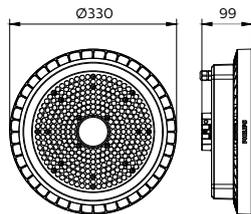
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.317, 0.338) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	BY698P G5 LED200/CW PSU WB GM
Full product name	BY698P G5 LED200/CW PSU WB GM
Order code	911401529245
Material Nr. (12NC)	911401529245
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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