

**PHILIPS**

**Lighting**



# GreenPerform Highbay G5

**BY698P G5 LED200/CW PSU WB GM L3m**

- Lens

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 engine type LED

### Light Technical

Luminous Flux 20,000 lumen

Correlated Color Temperature (Nom) 6500 K

Luminous Efficacy (rated) (Nom) 160 lm/W

Color rendering index (CRI) 80

Light source color 865 cool daylight

Optical cover/lens type Lens

### Operating and Electrical

<b>Input Frequency</b>	50 or 60 Hz
<b>Power Consumption</b>	126 W
<b>Power Factor (Fraction)</b>	0.95
<b>Number of products on MCB of 16 A type B</b>	
<b>Temperature</b>	
<b>Ambient temperature range</b>	-30 to +50 °C
<b>Controls and Dimming</b>	
<b>Dimmable</b>	No
<b>Control interface</b>	-
<b>Mechanical and Housing</b>	
<b>Housing Material</b>	Aluminum die cast

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Datasheet, 2023, May 22

data subject to change

## GreenPerform Highbay G5

Optical cover/lens material	Polycarbonate
Housing Color	Dark gray
Optical cover/lens finish	Clear
Overall height	99 mm
Overall diameter	330 mm

Power consumption tolerance	+/-10%
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### Product Data

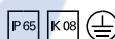
Full product code	871951493210400
Order product name	BY698P G5 LED200/CW PSU WB GM L3m
EAN/UPC - Product	8719514932104
Order code	911401570091
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401570091
Full product name	BY698P G5 LED200/CW PSU WB GM L3m
EAN/UPC - Case	8719514932104

### Approval and Application

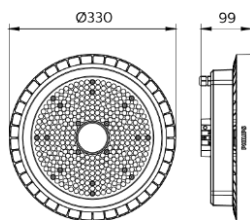
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
CE mark	CE mark

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.316, 0.332) SDCM<5



### Dimensional drawing



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