GreenPerform Highbay G5

BY698P G5 LED200/NW PSU WB GM

GreenPerform Highbay G5, 126 W, 20000 lm, 4000 K

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 than make this robust, optimized, and versatile family suitable for almost all industrial applications.

Product data

General Information

Light source engine type	LED
CE mark	CE mark

Light Technical

Luminous Flux	20,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optical cover type	Lens

Operating and Electrical

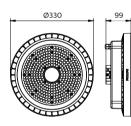|	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	41.6 A
Inrush time	0.665 ms
Power Consumption	126 W
Power Factor (Fraction)	0.95
Number of products on MCB of 16 A type B	6

Temperature

Ambient temperature range	–30 to +50 ℃

Controls and Dimming

Dimmable	No
Control interface	–

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Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Dark gray
Optical cover finish	Clear
Overall height	99 mm
Overall diameter	330 mm

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	BY698P G5 LED200/NW PSU WB GM
Full product name	BY698P G5 LED200/NW PSU WB GM
Full product code	872016951935000
Order code	911401509891
Material Nr. (12NC)	911401509891
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169519350
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169519350

Dimensional drawing

www.lighting.philips.com

2024, January 11 – data subject to change