



GreenPerform Highbay G5

BY698P G5 LED105/CW PSD WB GM

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

Product data

General information		
Light source color	865 cool daylight	
Optical cover/lens type	Lens	
Control interface	DALI	
Protection class IEC	Safety class I	
CE mark	CE mark	
Number of products on MCB of 16 A type B 8		
Light source engine type	LED	
Operating and electrical		
Input Voltage	220 to 240 V	
Input Frequency	50 or 60 Hz	
Power Factor (Min)	0.95	

Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing Material	Aluminum die cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	99 mm
Overall diameter	330 mm
Color	Dark gray
Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]

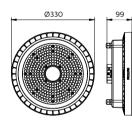
GreenPerform Highbay G5

Mech. impact protection code	IK08 [5 J vandal-protected]	
Initial performance (IEC compliant)		
Initial luminous flux (system flux)	10500 lm	
Luminous flux tolerance	+/-10%	
Initial LED luminaire efficacy	150 lm/W	
Init. Corr. Color Temperature	6500 K	
Init. Color Rendering Index	80	
Initial chromaticity	(0.316, 0.332) SDCM<5	
Initial input power	72 W	
Power consumption tolerance	+/-10%	
Application conditions		
Ambient temperature range	-30 to +50 °C	

Product data	
Order product name	BY698P G5 LED105/CW PSD WB GM
Order code	911401518791
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401518791
Net Weight (Piece)	3.540 kg



Dimensional drawing



BY698P G5 LED105/CW PSD WB GM



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2022, October 27 - data subject to change