



# GreenPerform Highbay G5

## BY690P LED105/CW PSU 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	-	
Protection class IEC	Safety class I	
CE mark	CE mark	
Number of products on MCB of 16 A type B 6		
Light source engine type	LED	
Operating and electrical		
Input Voltage	220 to 240 V	
Input Frequency	50 or 60 Hz	
Inrush current	0.04 A	

Power Factor (Min)	0.95	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Housing Material	Aluminum die cast	
Optical cover/lens material	Polycarbonate	
Optical cover/lens finish	Clear	
Overall height	90 mm	
Overall diameter	290 mm	
Color	Dark gray	

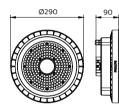
### **GreenPerform Highbay G5**

Approval and application	
Ingress protection code	IP66 [ Dust penetration-protected, jet-
	proof]
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	160 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.316, 0.332) SDCM<5
Initial input power	67 W
Power consumption tolerance	+/-10%

Application conditions	
Ambient temperature range	-40 to +50 °C
Product data	
Order product name	BY690P LED105/CW PSU WB GM
Order code	911401532791
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401532791
Net Weight (Piece)	1.990 kg



#### Dimensional drawing



BY690P LED105/CW PSU WB GM



© 2023 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 2023, January 7 - data subject to change