



# GreenPerform Highbay G4

## BY698P LED205/NW PSU NB GM G2

GreenPerform Highbay G4, 149 W, 20500 lm, 4000 K, 60°

Following the success of GreenPerform Highbay families, GreenPerform Highbay G4 is continuously exploring a better price & performance balance. The product family offers wide product ranges, competitive enough SPEC with long term quality & reliability, covering most of the potential industrial applications.

#### **Product data**

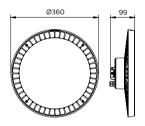
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
Service tag	Yes	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	20,500 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	135 lm/W	

Color rendering index (CRI)	>80	
Light source color	840 neutral white	
Optic type	Symmetrical	
Optical cover type	Polycarbonate bowl/cover	
Luminaire light beam spread	60°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	54 A	
Inrush time	0.65 ms	
Power Consumption	149 W	
Power Factor (Fraction)	0.95	
Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 8		

### **GreenPerform Highbay G4**

Temperature		Initial Performance (IEC Compliant)	
Ambient temperature range	-30 to +50 ℃	Luminous flux tolerance	+/-10%
		Power consumption tolerance	+/-10%
Controls and Dimming			
Dimmable	No	Over Time Performance (IEC Compliant)	
Driver/power unit/transformer	Power supply unit (On/Off)	Median useful life L70B50	50,000 hour(s)
Control interface	-		
Constant light output	No	Application Conditions	
		Maximum dim level	Not applicable
Mechanical and Housing		Suitable for random switching	No
Housing Material	Aluminum		
Reflector material	-	Product Data	
Optic material	Polycarbonate	Order product name	BY698P LED205/NW PSU NB GM G2
Optical cover material	Polycarbonate	Full product name	BY698P LED205/NW PSU NB GM G2
Housing Color	Gray	Full product code	872016954903600
Optical cover finish	Clear	Order code	911401518061
Overall height	99 mm	Material Nr. (12NC)	911401518061
Overall diameter	360 mm	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8720169549036
Approval and Application		Numerator - Packs per outer box	1
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	EAN/UPC - Case	8720169549036
Mech. impact protection code	IK08 [5 J vandal-protected]		
Protection class IEC	Safety class I		

#### Dimensional drawing





© 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, April 14 - data subject to change