



## GreenPerform Highbay G3

## BY698P LED200/CW PSU WB L3000 EN

GreenPerform Highbay G3, 155 W, 20000 lm, 6500 K, 100°

Following the successful introduction of the GreenPerform Highbay G2 in 2013, while continue providing the superior light quality, long service lifetime, reduced energy consumption and less maintenance in the switch on-off (PSU) and Dali dimmable (PSD) versions, the new generation Highbay seamlessly integrates state-of-the-art LED lighting with an easy-to-use and reliable wireless ZIGBEE control solution (ACW) and simple movement detection solution (PIR). In the ACW version products, when the situation on the work floor changes, settings such as dimming levels and timing can be changed wirelessly by the end-users themselves. Luminaires can be combined in groups across the layout, and re-zoning them does not require a hardware change, thus minimizing commissioning costs. The system delivers savings over and above the actual efficiency of the LEDs and is future-proof. In the PIR version products, when there has no movement detected after 15 minutes, the lighting will dimming down to 25% of the lumen output, which helps to maximum your energy saving in a simple way. Easy to understand, easy to design-in, and easy to use, GreenPerform Highbay G3 is a smart way to light up your business.

## **Product data**

General Information		Warranty period	3 years
Light source replaceable	No	Flammability mark	For mounting on normally flammable
Number of gear units	1 unit		surfaces
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Light source engine type	LED		
Service tag	Yes	Light Technical	
CE mark	CE mark	Luminous Flux	20,000 lm

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Correlated Color Temperature (Nom)	6500 K	Overall height
Luminous Efficacy (rated) (Nom)	129 lm/W	Overall diameter
Color rendering index (CRI)	>80	
Light source color	865 cool daylight	Approval and Application
Optic type	Wide beam	Ingress protection code
Optical cover type	Polycarbonate bowl/cover	Mech. impact protection code
Luminaire light beam spread	100°	Protection class IEC
Operating and Electrical		Initial Performance (IEC Co
Input Voltage	220 to 240 V	Luminous flux tolerance
Line Frequency	50 to 60 Hz	Initial chromaticity
Inrush current	46 A	Power consumption tolerance
Inrush time	0.44 ms	
Power Consumption	155 W	Over Time Performance (II
Power Factor (Fraction)	0.95	Driver failure rate at 5000 h
Connection	Flying leads/wires	Median useful life L70B50
Cable	Cable 3.0 m without plug	Median useful life L80B50
Number of products on MCB of 16 A type	11	Median useful life L90B50
3		
		Application Conditions
<b>Femperature</b>		Suitable for random switching
Ambient temperature range	-30 to +45 ℃	
		Product Data
Controls and Dimming		Order product name
Dimmable	No	Full product name
Driver/power unit/transformer	Power supply unit (On/Off)	Full product code
Control interface	-	Order code
Constant light output	No	Material Nr. (12NC)
		Numerator - Quantity Per Pac
Mechanical and Housing		EAN/UPC - Product/Case
Housing Material	Aluminum die cast	Numerator - Packs per outer b
Optic material	Polycarbonate	EAN/UPC - Case
Optical cover material	Polycarbonate	
Housing Color	Dark gray	
Optical cover finish	Clear	

Overall height	107 mm	
Overall diameter	452 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK07 [2 J reinforced]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.313.0.324)SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comple	iant)	
Driver failure rate at 5000 h	0.01 %	
Median useful life L70B50	50,000 h	
Median useful life L80B50	40,000 h	
Median useful life L90B50	30,000 h	
Application Conditions		
Suitable for random switching	No	
g		
Product Data		
Order product name	BY698P LED200/CW PSU WB L3000 EN	
Full product name	BY698P LED200/CW PSU WB L3000 EN	
Full product code	871016332877500	
Order code	911401844999	
Material Nr. (12NC)	911401844999	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163328775	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8710163328775	

Dimensional drawing





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