



# GreenPerform Highbay G3

## BY698P LED200/CW PSD NB L3000 EN

GreenPerform Highbay G3, 155 W, 20000 lm, 6500 K, DALI, 60°

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**

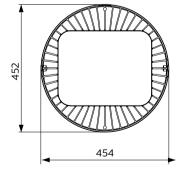
General Information		Flammability mark	For mounting on normally flammable
Light source replaceable	No		surfaces
Number of gear units	1 unit	CE mark	CE mark
Driver included	Yes	Warranty period	3 years
Light source engine type	LED		
Service tag	Yes	Light Technical	
Glow-wire test	Temperature 650 °C, duration 5 s	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 diamete
Color rendering index (CRI)	>80	
Light source color	865 cool daylight	Approval and
Optic type	Narrow beam	Ingress protection
Optical cover type	Polycarbonate bowl/cover	Mech. impact pr
Luminaire light beam spread	60°	Protection class
Operating and Electrical		Initial Perform
Input Voltage	220 to 240 V	Luminous flux to
Line Frequency	50 to 60 Hz	Initial chromatic
Inrush current	53 A	Power consump
Inrush time	0.3 ms	
Power Consumption	155 W	Over Time Pe
Power Factor (Fraction)	0.95	Driver failure ra
Connection	Flying leads/wires	Median useful li
Cable	Cable 3.0 m without plug	Median useful li
Number of products on MCB of 16 A type	8	Median useful li
в		
		Application C
Temperature		Maximum dim le
Ambient temperature range	-30 to +50 ℃	Suitable for ran
Controls and Dimming		Product Data
Dimmable	Yes	Order product n
Driver/power unit/transformer	Power supply unit with DALI interface	Full product nar
Control interface	DALI	Full product cod
Constant light output	No	Order code
		Material Nr. (12)
Mechanical and Housing		Numerator - Qu
Housing Material	Aluminum die cast	EAN/UPC - Proc
Optic material	Polycarbonate	Numerator - Pa
Optical cover material	Polycarbonate	EAN/UPC - Case
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 Compliant)				
Driver failure rate at 5000 h	0.01 %			
Median useful life L70B50	50,000 hour(s)			
Median useful life L80B50	40,000 hour(s)			
Median useful life L90B50	30,000 hour(s)			
Application Conditions				
Maximum dim level	10%			
Suitable for random switching	No			
Product Data				
Order product name	BY698P LED200/CW PSD NB L3000 EN			
Full product name	BY698P LED200/CW PSD NB L3000 EN			
Full product code	911401845199			
Order code	911401845199			
Material Nr. (12NC)	911401845199			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8710163328508			
Numerator - Packs per outer box	1			
EAN/UPC - Case	8710163328508			

### Dimensional drawing





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