



GreenPerform Highbay G3

BY698P LED300/NW PSU NB L3000 EN

840 neutral white - Power supply unit - Narrow beam

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 minimising 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.

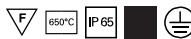
Product data

General Information		Optical cover/lens type	PC [Polycarbonate bowl/cover]
Light source colour	840 neutral white	Luminaire light beam spread	60°
Light source replaceable	No	Control interface	-
Number of gear units	2 units	Connection	Flying leads/wires
Driver/power unit/transformer	PSU [Power supply unit]	Cable	Cable 3.0 m without plug (C3K)
Driver included	Yes	Protection class IEC	Safety class I (I)
Optic type	NB [Narrow beam]	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]

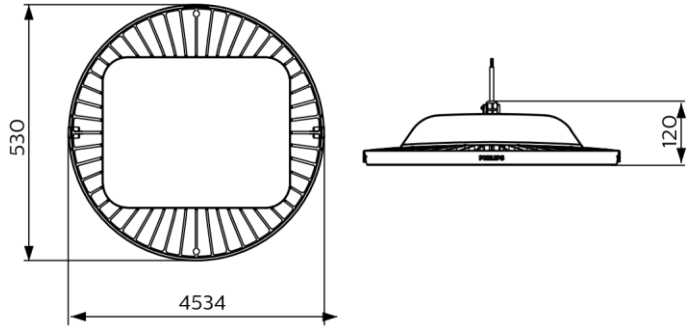
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Initial Performance		Flammability mark	F [For mounting on normally flammable surfaces]	(IEC Compliant)
			Initial luminous flux (system flux)	29000 lm
		CE mark	CE mark	
		Warranty period	3 years	
Number of products on MCB (16 A type B) 11		Constant light output	No	
Light source engine type	LED	Luminous flux tolerance	+/-10%	
		Initial LED luminaire efficacy	129 lm/W	
		Init. Corr. Colour Temperature	4000 K	
		Init. Colour rendering index	>80	
		Initial chromaticity	(0.38,0.38)SDCM<5	
		Initial input power	225 W	
		Power consumption tolerance	+/-10%	
		Median useful life L70B50	50000 h	
		Median useful life L80B50	40000 h	
		Median useful life L90B50	30000 h	
Operating and Electrical				
Input Voltage	220 to 240 V			
Input frequency	50 to 60 Hz			
Inrush current	92 A			
Inrush time	0.44 ms			
Power factor (min.)	0.95			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Housing material	Aluminum die-cast			
Optic material	Polycarbonate			
Optical cover/lens material	Polycarbonate			
Optical cover/lens finish	Clear			
Overall height	120 mm			
Overall diameter	530 mm			
Colour	Dark gray			
Application Conditions				
		Ambient temperature range	-30 to +50 °C	
		Suitable for random switching	No	
Product Data				
		Full product code	911401864999	
		Order product name	BY698P LED300/NW PSU NB L3000 EN	
		Order code	01864999	
		SAP numerator – quantity per pack	1	
		Numerator – packs per outer box	1	
		SAP material	911401864999	
Approval and Application				
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]			
Mech. impact protection code	IK07 [2 J reinforced]			

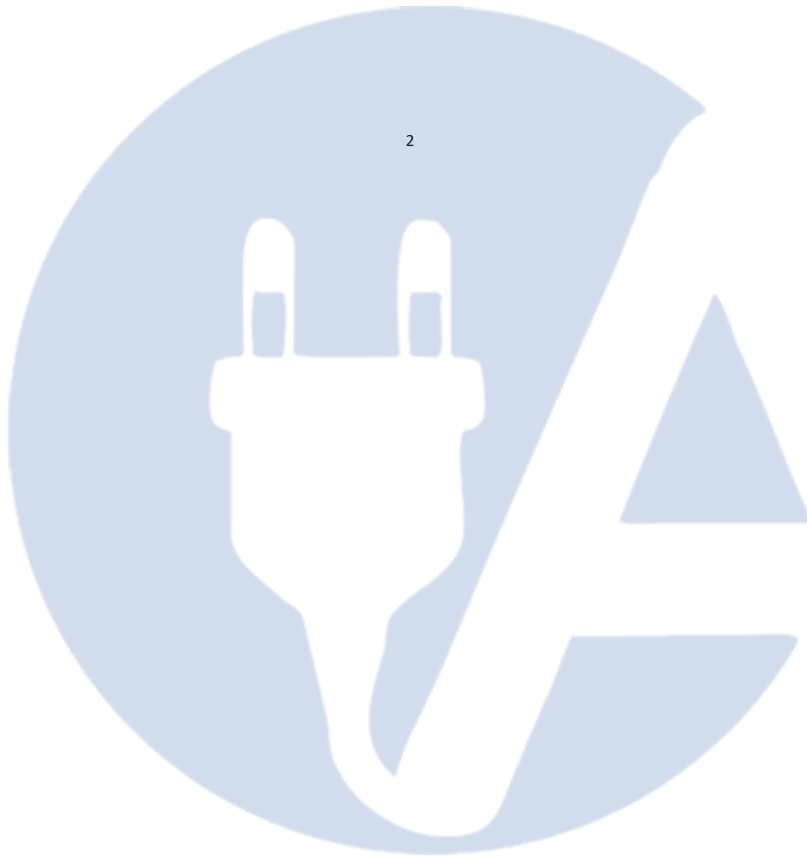
Over Time Performance (IEC Compliant)



Dimensional drawing



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