



GreenPerform Highbay G3

BY698X LED110/NW PIR WB L3000 EN

GreenPerform Highbay G3, 85 W, 11000 lm, 4000 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	
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
Glow-wire test	Temperature 650 °C, duration 5 s
Light Technical	
Luminous Flux	11,000 lm

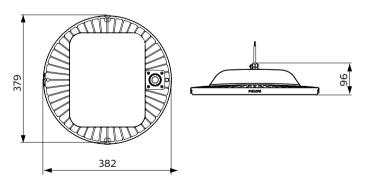
Datasheet, 2023, April 30 data subject to change

GreenPerform Highbay G3

Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 129 lm/W Color rendering index (CRI) >80 Light source color 840 neutral white Optic type Wide beam Optical cover type Polycarbonate bowl/cover Luminaire light beam spread 100° Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 46 A Inrush time 0.44 ms Power Consumption 85 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 3.0 m without plug Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -30 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit regulating Control interface - Constant light output No	Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Light source color	129 lm/W >80 840 neutral white Wide beam Polycarbonate bowl/cover
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Dimmable Yes Driver/power unit/transformer Power supply unit regulating Control interface - Constant light output No		
Driver/power unit/transformer Power supply unit regulating Control interface - Constant light output No	Controls and Dimming	
Control interface - Constant light output No	Dimmable	Yes
Constant light output No	Driver/power unit/transformer	Power supply unit regulating
	Control interface	-
Mechanical and Housing	Constant light output	No
Mechanical and Housing		
	Mechanical and Housing	
Housing Material Aluminum die cast	Housing Material	Aluminum die cast
Optic material Polycarbonate	Optic material	Polycarbonate
	Optical cover material	Polycarbonate
Optical cover material Polycarbonate	Housing Color	Dark gray

Optical cover finish	Clear
Overall height	96 mm
Overall diameter	379 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	(0.38.0.38)SDCM<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	ant)
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	Yes
Product Data	
Order product name	BY698X LED110/NW PIR WB L3000 EN
Full product name	BY698X LED110/NW PIR WB L3000 EN
Full product code	911401867499
Order code	911401867499
Material Nr. (12NC)	911401867499
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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