



GreenPerform Highbay G4

BY698P LED105/CW PSU WB GM G2

865 cool daylight - Power supply unit - Symmetrical

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

Product data

General Information	
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	90°
Control interface	-
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
Light source engine type	LED
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	47 A
Inrush time	0.5 ms
Power factor (min.)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	99 mm
Overall diameter	307 mm
Colour	Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	135 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial input power	78 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

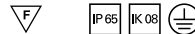
Median useful life L70B50	50000 h
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Application Conditions

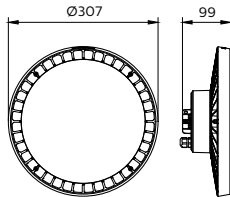
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401517161
Order product name	BY698P LED105/CW PSU WB GM G2
Order code	911401517161
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401517161
SAP net weight (piece)	2.499 kg



Dimensional drawing



BY698P GreenPerform High-bay gen3

