



# GreenPerform Highbay G4

## BY698P LED68/CW PSU NB 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		Operating and Electrical	
Light source colour	865 cool daylight	Constant light output	No
Light source replaceable	No	Number of products on MCB (16 A type B)	8
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	PSU [ Power supply unit]	Light source engine type	LED
Driver included	Yes	<b>Operating and Electrical</b>	
Optic type	Symmetrical	Input Voltage	220 to 240 V
Optical cover/lens type	PC [ Polycarbonate bowl/cover]	Input frequency	50 or 60 Hz
Luminaire light beam spread	60°	Inrush current	47 A
Control interface	-	Inrush time	0.5 ms
Cable	Cable 0.3 m without plug	Power factor (min.)	0.95
Protection class IEC	Safety class I (I)	<b>Controls and Dimming</b>	
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]	Dimmable	No
Flammability mark	F [ For mounting on normally flammable surfaces]	<b>Mechanical and Housing</b>	
CE mark	CE mark	Housing material	Aluminum
ENEC mark	-	Reflector material	-
Warranty period	3 years		

# GreenPerform Highbay G4

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

## 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)	6800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	135 lm/W
Init. Corr. Colour Temperature	6500 K
Init. Colour rendering index	>80
Initial input power	52 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

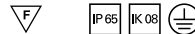
Median useful life L70B50	50000 h
---------------------------	---------

## Application Conditions

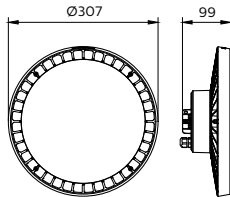
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

## Product Data

Full product code	911401516661
Order product name	BY698P LED68/CW PSU NB GM G2
Order code	01516661
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401516661
SAP net weight (piece)	2.499 kg



## Dimensional drawing



BY698P LED68/CW PSU NB GM G2

