



# GreenPerform Highbay G4

**BY698P LED155/NW PSD WB GC G2**

- 840 neutral white - Power supply unit (ON/OFF) - Beam angle 90°

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

## Product data

General Information		Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Line Frequency	50 or 60 Hz
Driver included	Yes	Input Frequency	50 or 60 Hz
Light source engine type	LED	Initial CLO power consumption	124 W
		Average CLO power consumption	124 W
		Inrush current	53 A
		Inrush time	0.3 ms
		Power Consumption	124 W
		Power Factor (Fraction)	0.95
		Connection	-
		Cable	Cable 0.3 m without plug
		Number of products on MCB of 16 A type B 13	
<b>Light Technical</b>			
Luminous Flux	15,500 lumen		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	125 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	90 degree(s)		
Light source color	840 neutral white		
Optic type	Beam angle 90°		
Optical cover/lens type	Without cover		
Luminaire light beam spread	90°		

### Temperature

Ambient temperature range	-30 to +45 °C
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Datasheet, 2023, June 30

data subject to change

## GreenPerform Highbay G4

Warranty period	3 years
EU RoHS compliant	Yes

## Controls and Dimming

### Initial Performance

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable

(IEC Compliant)

### Over Time

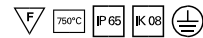
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable

Performance (IEC Compliant)

## Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Optical cover/lens finish	Clear
Overall height	335 mm
Overall diameter	307 mm

## Approval and Application



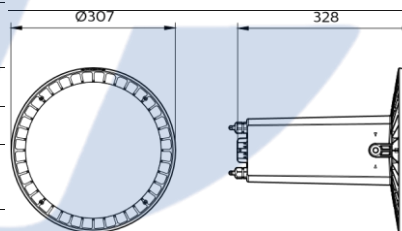
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-

## Dimensional drawing

Driver failure rate at 5000 h	0.1 %	Luminous flux tolerance	+/-10%
Median useful life L70B50	50,000 hour(s)	Power consumption tolerance	+/-10%

## Application Conditions

Maximum dim level	5%
Suitable for random switching	No



## Product Data

Full product code	911401533161
Order product name	BY698P LED155/NW PSD WB GC G2
Order code	911401533161
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401533161
Full product name	BY698P LED155/NW PSD WB GC G2

## GreenPerform Highbay G4

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