



GreenPerform Highbay G4

BY518P LED265/CW PSD NB

- 865 cool daylight - Power supply unit (ON/OFF) - Beam angle 60°

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	2 units	Line Frequency	50 or 60 Hz
Driver included	Yes	Input Frequency	50 or 60 Hz
Light source engine type	LED	Initial CLO power consumption	207 W
		Average CLO power consumption	207 W
		Inrush current	60 A
		Inrush time	0.6 ms
		Power Consumption	207 W
		Power Factor (Fraction)	0.95
		Connection	-
		Cable	Cable 0.3 m without plug
		Number of products on MCB of 16 A type B 8	
Light Technical			
Luminous Flux	26,500 lumen		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	128 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	60 degree(s)		
Light source color	865 cool daylight		
Optic type	Beam angle 60°		
Optical cover/lens type	Without cover		
Luminaire light beam spread	60°		

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	416 mm

Approval and Application



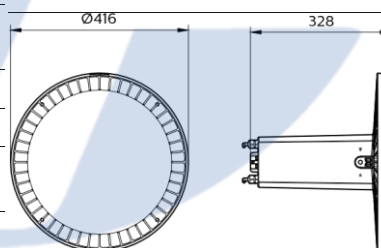
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-

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	911401537761
Order product name	BY518P LED265/CW PSD NB
Order code	911401537761
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401537761
Full product name	BY518P LED265/CW PSD NB

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