



GreenPerform Highbay G4

BY518P LED205/CW PSD WB

GreenPerform Highbay G4, 161 W, 20500 lm, 6500 K, DALI, 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	20,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	127 lm/W
Color rendering index (CRI)	>80

Beam angle of light source	90 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 90°
Optical cover type	Without cover
Luminaire light beam spread	90°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	161 W
Average CLO power consumption	161 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	161 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 0.3 m without plug

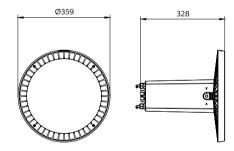
Datasheet, 2023, September 17 data subject to change

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Number of products on MCB of 16 A type B 13		
Temperature		
Ambient temperature range	-30 to +45 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	DALI	
Constant light output	Programmable	
Mechanical and Housing		
Housing Material	Aluminum die cast	
Reflector material	Aluminum	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Aluminum	
Housing Color	Gray	
Optical cover finish	Clear	
Overall height	335 mm	
Overall diameter	360 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	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.1 %	
Median useful life L70B50	50,000 hour(s)	
Application Conditions		
Maximum dim level	5%	
Suitable for random switching	No	
Product Data		
Order product name	BY518P LED205/CW PSD WB	
Full product name	BY518P LED205/CW PSD WB	
Full product code	911401537461	
Order code	911401537461	
Material Nr. (12NC)	911401537461	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing





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