



GreenPerform Highbay G4

BY518P LED105/NW PSD WB

GreenPerform Highbay G4, 83 W, 10500 lm, 4000 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

No
1 unit
Yes
LED
Temperature 750 °C, duration 5 s
For mounting on normally flammable
surfaces
CE mark
-
3 years
Yes
10,500 lm
4000 K
127 lm/W
>80

Beam angle of light source	90 degree(s)
Light source color	840 neutral white
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	83 W
Average CLO power consumption	83 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	83 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 0.3 m without plug

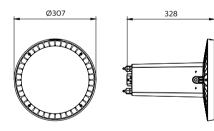
Datasheet, 2023, October 10 data subject to change

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Number of products on MCB of 16 A type B 13		
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Temperature		
Ambient temperature range	-30 to +45 ℃	
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	307 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proc	
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 LED105/NW PSD WB	
Full product name	BY518P LED105/NW PSD WB	
Full product code	911401536861	
Order code	911401536861	
Material Nr. (12NC)	911401536861	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing





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