



GreenUp Round Highbay

BY518P SE LED105/CW PSU WB GC

GreenUp Round Highbay, 70 W, 10500 lm, 6500 K, 90°

The GreenUp Round Highbay range of luminaires provides the optimal balance between basic performance and price. The family covers a wide product range with a variety of options, competitive specifications, and long-term quality and reliability. The range is suitable for most industrial applications.

Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit		Not applicable
Gear	-	Effective projected area	0.06 m²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Service tag	Yes	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	40 A
Light Technical		Inrush time	0.6 ms
Luminous Flux	10,500 lm	Power Consumption	70 W
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	150 lm/W	Connection	-
Color rendering index (CRI)	>80	Cable	Cable without plug 3-pole
Number of light sources	1	Number of products on MCB of 16 A type B	8
Beam angle of light source	116 degree(s)	Suitable for random switching	No
Light source color	865 cool daylight	Protection class IEC	Safety class I
Optic type	Wide beam	Controls and Dimming	
Luminaire light beam spread	90°	Dimmable	No

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Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Suspension set simple, standard
Optical cover finish	Clear
Overall height	93 mm
Overall diameter	273 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Lens
Net Weight (Piece)	1.460 kg

Approval and Application

Glow-wire test	-
Flammability mark	-
CE mark	Yes

ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 °C
Ambient temperature range	-20 °C to 45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.316, 0.332) SDCM<5
Power consumption tolerance	+/-10%

Product Data

Order product name	BY518P SE LED105/CW PSU WB GC
Full product name	BY518P SE LED105/CW PSU WB GC
Order code	911401676908
Material Nr. (12NC)	911401676908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

