



# GreenUp Round Highbay

## BY518P SE LED105/CW PSU WB GM

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

## GreenUp Round Highbay

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)	1.450 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 GM
Full product name	BY518P SE LED105/CW PSU WB GM
Order code	911401677908
Material Nr. (12NC)	911401677908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

