



# GreenUp Round Highbay

## BY518P SE LED245/NW PSU WB GM

GreenUp Round Highbay, 160 W, 24500 lm, 4000 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	-				
Driver included	Yes	<b>Operating and Electrical</b>			
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	42 A		
		Inrush time	0.65 ms		
		Power Consumption	160 W		
		Power Factor (Fraction)	0.95		
		Connection	-		
		Cable	Cable without plug 3-pole		
		Number of products on MCB of 16 A type B	6		
		Suitable for random switching	No		
		Protection class IEC	Safety class I		
		<b>Controls and Dimming</b>			
		Dimmable	No		
<b>Light Technical</b>					
Luminous Flux	24,500 lm				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	153 lm/W				
Color rendering index (CRI)	>80				
Number of light sources	1				
Beam angle of light source	116 degree(s)				
Light source color	840 neutral white				
Optic type	Wide beam				
Luminaire light beam spread	90°				

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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	355 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Lens
Net Weight (Piece)	2.440 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	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%

## Product Data

Order product name	BY518P SE LED245/NW PSU WB GM
Full product name	BY518P SE LED245/NW PSU WB GM
Order code	911401678408
Material Nr. (12NC)	911401678408
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

