



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		Operating and Electrical	
Number of gear units	1 unit	Luminaire light beam spread	90°
Gear	-	Unified glare rating CEN	Not applicable
Driver included	Yes	Effective projected area	0.06 m ²
Light source engine type	LED	Operating and Electrical	
Service tag	Yes	Input Voltage	220 to 240 V
Value ladder	Performance	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	42 A
Light Technical		Inrush time	0.65 ms
Luminous Flux	24,500 lm	Power Consumption	160 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	153 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	6
Beam angle of light source	120 degree(s)	Suitable for random switching	No
Light source color	840 neutral white	Protection class IEC	Safety class I
Optic type	Wide beam		

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Controls and Dimming

Dimmable	No
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)	2.700 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	-30 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.375) 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

