



GreenUp Round Highbay

BY518P SE LED105/NW PSU WB GC

GreenUp Round Highbay, 70 W, 10500 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	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Warranty period	3 years
Light Technical	
Luminous Flux	10,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150 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°

Unified glare rating CEN	Not applicable	
Effective projected area	0.06 m²	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	40 A	
Inrush time	0.6 ms	
Power Consumption	70 W	
Power Factor (Fraction)	0.95	
Connection	-	
Cable	Cable without plug 3-pole	
Number of products on MCB of 16 A type B 8		
Suitable for random switching	No	
Protection class IEC	Safety class I	
Controls and Dimming		
Dimmable	No	

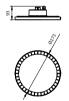
Datasheet, 2024, December 6 data subject to change

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)	1.460 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	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BY518P SE LED105/NW PSU WB GC
Full product name	BY518P SE LED105/NW PSU WB GC
Order code	911401676808
Material Nr. (12NC)	911401676808
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing





© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.