GreenPerform Highbay Rectangular

BY570P LED100/NW PSU HRO GM

Transparent dome

As the first IP65 rectangular LED highbay under the GreenPerform family, the GreenPerform Highbay Rectangular with dedicated optical design, leading system efficiency and compact dimensions, is the optimised solution for warehousing and logistics-related applications.

Product data

General Information	
Lamp colour code	840 neutral white
Optical cover/lens type	Transparent dome
Control interface	-
Protection class IEC	Safety class I
CE mark	CE mark
Number of products on MCB (16 A type B)	6
LED engine type	LED

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.95

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Aluminium die–cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall length	23.6 mm
Overall width	11 mm
Overall height	34 mm
Colour	Grey

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	145 lm/W
Lamp colour temperature	4000 K

GreenPerform Highbay Rectangular

Colour Rendering Index	>80
Initial input power	69 W
Power consumption tolerance	+/-10%

Application Conditions

Ambient temperature range	-30 to +50 °C

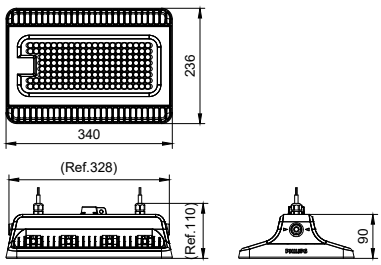
Product Data

Full product code	911401591061

Order product name	BY570P LED100/NW PSU HRO GM
Order code	911401591061
Numerator – quantity per pack	1
SAP numerator – packs per outer box	2
Material no. (12 NC)	911401591061
Net Weight (Piece)	3.199 kg

IP65 IK06

Dimensional drawing



High-bay/ low-bay LED

© 2021 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.