

PHILIPS

Lighting



GreenPerform Highbay Rectangular

BY570P LED200/NW PSU WB 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	TSDM [Transparent dome]
Control interface	-
Protection class IEC	Safety class I (I)
CE mark	CE mark
Number of products on MCB (16 A type B)	6
Light source 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
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Mechanical and Housing

Housing material	Aluminum die-cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall length	27 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)	20000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	139 lm/W
Lamp colour temperature	4000 K

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Colour Rendering Index	>80
Initial input power	144 W
Power consumption tolerance	+/-10%

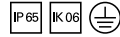
Application Conditions

Ambient temperature range	-30 to +50 °C
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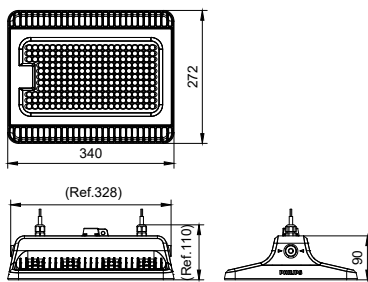
Product Data

Full product code	911401591661
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Order product name	BY570P LED200/NW PSU WB GM
Order code	911401591661
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401591661
SAP net weight (piece)	3.599 kg



Dimensional drawing



High-bay/ low-bay LED

