PHILIPS

Lighting

GreenPerform Highbay Rectangular

BY570P LED250/NW PSU NB GM

- Transparent dome

The GreenPerform Highbay Rectangular continues the GreenPerform family's enviable reputation for reliable performance, provi. Not only does it deliver Unified Glare Rating (UGR) control with its optimized optical design, it also promises leading system efficiency, compact dimensions and extended long-term quality. Optimized for almost all industrial applications, it is also fully compatible with IoT software such as the Interact scalable system.

Product data

General Information	
Light source engine type	LED

Light Technical	
Luminous Flux	25,000 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optical cover/lens type	Transparent dome

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	182 W
Power Factor (Fraction)	0.95
Number of products on MCB of 16 A type B	6

Temperature	
Ambient temperature range	-30 to +50 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover/lens material	Polycarbonate
Housing Color	Gray
Optical cover/lens finish	Clear
Overall length	32 mm

GreenPerform Highbay Rectangular

Overall width	13 mm
Overall height	32.8 mm
Dimensions (Height x Width x Depth)	33 x 13 x 32 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I
CE mark	CE mark

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Full product code	911401594661
Order product name	BY570P LED250/NW PSU NB GM
Order code	911401594661
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material number (12NC)	911401594661
Full product name	BY570P LED250/NW PSU NB GM

Dimensional drawing