PHILIPS

Lighting

GreenPerform Highbay G5

BY698X G5 LED250/CW L1 W WB GM

Lens

The GreenPerform Highbay G5 continues the GreenPerform family's enviable reputation for reliable performance. Not only does it deliver leading system efficacy and extended long-term quality, it also promises Unified Glare Rating (UGR) control with compact dimensions. GreenPerform Highbay G5 is also fully compatible with IoT software such as Interact, which is a scalable, future-proof control system. The family also has a series that supports cold room applications with 100% humidity and no condensation. All benefits than make this robust, optimized, and versatile family suitable for almost all industrial applications.

Product data

General information	
Light source color	865 cool daylight
Optical cover/lens type	Lens
Control interface	BLE
Protection class IEC	Safety class I
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
Number of products on MCB of 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
Inrush current	54 A
Power Factor (Min)	0.95

Controls and dimming	
Dimmable	Wireless Dim

Mechanical and housing	
Housing Material	Aluminum Alloy
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall length	530 mm
Overall width	393 mm
Overall height	110 mm

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Color	Gray

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	25000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	160 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.316, 0.332) SDCM<5
Initial input power	157 W
Power consumption tolerance	+/-10%

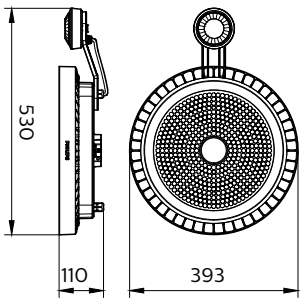
Application conditions

Ambient temperature range	-30 to +50 °C

Product data

Full product code	871951495514100
Order product name	BY698X G5 LED250/CW L1 W WB GM
EAN/UPC - Product	8719514955141
Order code	911401547202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401547202
Net Weight (Piece)	4.490 kg

Dimensional drawing



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