



GreenPerform Highbay G5

BY698X G5 LED300/CW L1W PIR WB GM

GreenPerform Highbay G5, 181 W, 31000 lm, 6500 K, Internal (no external connection), 85°

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	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Warranty period	5 years
Light Technical	
Luminous Flux	31,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	171 lm/W
Color rendering index (CRI)	80
Number of light sources	1

Beam angle of light source	115 degree(s)
Light source color	865 cool daylight
Optic type	Wide beam
Luminaire light beam spread	85°
Unified glare rating CEN	25
Effective projected area	O m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	54 A
Inrush time	0.75 ms
Power Consumption	181 W

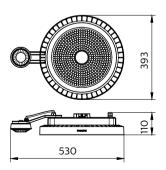
Datasheet, 2025, September 30 data subject to change

GreenPerform Highbay G5

Connection Flying leads/wires Cable Cable O.3 m without plug Number of products on MCB of 16 A type B 6 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable Wireless Dim - Do not use with dimmer Control interface Internal (no external connection) Maximum dim level 0% (digital) Mechanical and Housing Housing Material Aluminum die-cast Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Grey Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) 110 x 393 x 530 mm Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IKO3 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s Flammability mark For mounting on normally flammable	Power Factor (Fraction)	0.95
Cable O.3 m without plug Number of products on MCB of 16 A type B 6 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable Wireless Dim - Do not use with dimmer Control interface Internal (no external connection) Maximum dim level O% (digital) Mechanical and Housing Housing Material Aluminum die-cast Reflector material - Optical cover material Polycarbonate Optical cover material Polycarbonate Housing Color Grey Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) 110 x 393 x 530 mm Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Temperature 750 °C, duration 30 s		
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Control interface Internal (no external connection) Maximum dim level 0% (digital) Mechanical and Housing Housing Material Aluminum die-cast Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Grey Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) 110 x 393 x 530 mm Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Controls and Dimming	
Maximum dim level O% (digital) Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color Mounting device Optical cover finish Clear Overall length Overall width 393 mm Overall height Dimensions (Height x Width x Depth) Ingress protection code Mech. impact protection code Net Weight (Piece) Approval and Application Glow-wire test Aluminum die-cast Follow-inum die-cast Aluminum de-cast Aluminum die-cast Aluminum de-cast	Dimmable	Wireless Dim - Do not use with dimmer
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Polycarbonate Optical cover material Housing Color Grey Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Control interface	Internal (no external connection)
Housing Material Reflector material Optic material Optical cover material Polycarbonate Polycarbonate Housing Color Grey Mounting device Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Maximum dim level	0% (digital)
Housing Material Reflector material Optic material Optical cover material Polycarbonate Polycarbonate Housing Color Grey Mounting device Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s		
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Optical cover material Polycarbonate Housing Color Grey Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) 110 x 393 x 530 mm Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Reflector material	-
Housing Color Mounting device Suspension set simple, standard Optical cover finish Clear Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Optic material	Polycarbonate
Mounting device Optical cover finish Clear Overall length S30 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Optical cover material	Polycarbonate
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Overall length 530 mm Overall width 393 mm Overall height 110 mm Dimensions (Height x Width x Depth) 110 x 393 x 530 mm Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Mounting device	Suspension set simple, standard
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Overall height Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Overall length	530 mm
Dimensions (Height x Width x Depth) Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Overall width	393 mm
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Overall height	110 mm
Mech. impact protection code IK03 [0.3 J] Optical cover type Clear dome Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Dimensions (Height x Width x Depth)	110 x 393 x 530 mm
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Net Weight (Piece) 4.490 kg Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Mech. impact protection code	IK03 [0.3 J]
Approval and Application Glow-wire test Temperature 750 °C, duration 30 s	Optical cover type	Clear dome
Glow-wire test Temperature 750 °C, duration 30 s	Net Weight (Piece)	4.490 kg
Glow-wire test Temperature 750 °C, duration 30 s	Approval and Application	
Flammability mark For mounting on normally flammable		Temperature 750 °C, duration 30 s
	Flammability mark	For mounting on normally flammable

CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 ℃
Ambient temperature range	-30 to +50 °C
UV	
UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m²
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.317, 0.338) SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BY698X G5 LED300/CW L1W PIR WB GM
Full product name	BY698X G5 LED300/CW L1W PIR WB GM
Full product code	872110330812200
Order code	911401551445
Material Nr. (12NC)	911401551445
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103308122
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103308122

Dimensional drawing



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