



GreenPerform Elite Highbay G2

BY778P LED350/CW PSU WB CAU

GreenPerform Elite Highbay G2, 184 W, 35000 lm, 6500 K, 90°

GreenPerform Elite Highbay G2 is the latest innovation in our successful range of highbay luminaires for high ceiling and industrial applications. GreenPerform Elite Highbay G2 improves on the unique finless housing and flat optics design of earlier versions of the luminaire. Its clean and appealing aesthetic works perfectly in industrial application as well as high-ceiling applications in airports, lobbies, and other indoor areas. This versatile luminaire offers a wealth of practical features, including great light quality, exceptional energy savings, a long lifetime at an affordable price, and a wide variety of optics and lumen packages. GreenPerform Elite Highbay G2 also offers options for advanced connectivity with IoT-based systems and software applications, including Interact Pro. If you're looking for a robust, reliable, fit-and-forget solution with connectivity advantages, GreenPerform Elite Highbay G2 is the smart choice.

Product data

General Information	
Number of gear units	1 unit
Gear	EBR [Electronic regulating]
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Warranty period	5 years
Light Technical	
Luminous Flux	35,000 lm

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	190 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	90 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	25

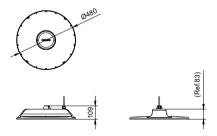
Datasheet, 2024, December 9 data subject to change

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Operating and Electrical Input Voltage 200 to 240 V Line Frequency 50 to 60 Hz Inrush current 107 A Inrush time 0.144 ms Power Consumption 184 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 3.0 m with plug Number of products on MCB of 16 A type B 8 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable - Control interface - Maximum dim level Not applicable Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof] Mech, impact protection code IKO8 [5 J vandal-protected]		
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Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Housing Material	Aluminum Alloy
Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Reflector material	-
Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Optic material	Polycarbonate
Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Optical cover material	Polycarbonate
Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Housing Color	Gray
Overall height 109 mm Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Mounting device	Pole Mounting
Overall diameter 480 mm Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Optical cover finish	Clear
Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Overall height	109 mm
	Overall diameter	480 mm
Mech. impact protection code IKO8 [5 J vandal-protected]	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
	Mech. impact protection code	IK08 [5 J vandal-protected]

Optical cover type	Polycarbonate
Net Weight (Piece)	4.600 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 ℃
Ambient temperature range	-40 to +50 ℃
UV	
UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m²
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.3123,0.3282) SDCM < 5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BY778P LED350/CW PSU WB CAU
Full product name	BY778P LED350/CW PSU WB CAU
Order code	911401625609
	-
Material Nr. (12NC)	911401625609
Material Nr. (12NC) Numerator - Quantity Per Pack	911401625609

Dimensional drawing



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