



GreenPerform Elite Highbay G2

BY778P LED350/NW PSD WB

GreenPerform Elite Highbay G2, 196 W, 35000 lm, 4000 K, DALI, 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	2 units
Gear	EBD [Electronic regulating DALI]
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)	4000 K
Luminous Efficacy (rated) (Nom)	179 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
·	

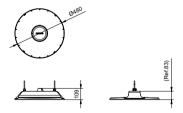
Datasheet, 2025, January 24 data subject to change

GreenPerform Elite Highbay G2

Luminaire light beam spread Unified glare rating CEN Effective projected area 0.18 m² Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level DOptic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall diameter Ingress protection code IP66 (Dust penetration-protected, jet-proof) IP66 (Dust penetration-protected, jet-proof)			
Effective projected area 0.18 m² Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Luminaire light beam spread	90°	
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm	Unified glare rating CEN	25	
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Overall height 109 mm Overall diameter 480 mm	Effective projected area	0.18 m²	
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Overall height 109 mm Overall diameter 480 mm			
Line Frequency 50 to 60 Hz Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Overall diameter 480 mm	Operating and Electrical		
Inrush current 106 A Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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	Input Voltage	220 to 240 V	
Inrush time 0.3 ms Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Line Frequency	50 to 60 Hz	
Power Consumption 196 W Power Factor (Fraction) 0.95 Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Overall height 109 mm Overall diameter 480 mm	Inrush current	106 A	
Power Factor (Fraction) Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material Optic material Polycarbonate Optical cover material Housing Color Gray Mounting device Pole Mounting Overall height 109 mm Overall diameter 480 mm	Inrush time	0.3 ms	
Connection Flying leads/wires Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Power Consumption	196 W	
Cable Cable 0.3 m without plug Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Polycarbonate Housing Color Gray Mounting device Pole Mounting Overall height 109 mm Overall diameter 480 mm	Power Factor (Fraction)	0.95	
Number of products on MCB of 16 A type B 4 Suitable for random switching Yes Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Connection	Flying leads/wires	
Suitable for random switching Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% Mechanical and Housing Housing Material Aluminum Alloy Reflector material - Optic material Polycarbonate Optical cover material Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm	Cable	Cable 0.3 m without plug	
Protection class IEC Safety class I Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Number of products on MCB of 16 A type B 4		
Controls and Dimming Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Suitable for random switching	Yes	
Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Protection class IEC	Safety class I	
Dimmable DALI Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm			
Control interface DALI Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Controls and Dimming		
Maximum dim level 20% 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 height 109 mm Overall diameter 480 mm	Dimmable	DALI	
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 height 109 mm Overall diameter 480 mm	Control interface	DALI	
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 height 109 mm Overall diameter 480 mm	Maximum dim level	20%	
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 height 109 mm Overall diameter 480 mm			
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	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	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	Reflector material	-	
Housing Color Gray Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm	Optic material	Polycarbonate	
Mounting device Pole Mounting Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm	Optical cover material	Polycarbonate	
Optical cover finish Clear Overall height 109 mm Overall diameter 480 mm	Housing Color	Gray	
Overall height 109 mm Overall diameter 480 mm	Mounting device	Pole Mounting	
Overall diameter 480 mm	Optical cover finish	Clear	
	Overall height	109 mm	
Ingress protection code IP66 [Dust penetration-protected, jet-proof]	Overall diameter	480 mm	
	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	

	W00 75 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate
Net Weight (Piece)	6.400 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	(0.3818,0.3797) SDCM < 5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BY778P LED350/NW PSD WB
Full product name	BY778P LED350/NW PSD WB
Order code	911401628209
Material Nr. (12NC)	911401628209
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



GreenPerform Elite Highbay G2

