



Smart Post-top G3

BGP161 LED2500/NW PSU 220-240V 7043 GM

Smart Post-top G3, 2500 lm, 29 W, Neutral white, Symmetrical, Safety class I, Post-top for diameter 60 mm

Smart Post Top G3 inherits the classic look and style of the previous generation with improved system efficacy and light quality. The Smart Post Top G3 optimised optical design increases both horizontal and vertical uniformity. The highly efficient thermal system design ensures maximum heat transfer and longer LED service life. This reliable luminaire system operates well in both low and high temperature environments. It offers more than 11 years expected life, reducing maintenance frequency and cost (based on a 50,000 hour rated life and 12 hours operation per day). It provides a comfortable and safe atmosphere to gardens, residential areas, courtyards, side streets, squares, parks & playgrounds.

Product data

General Information	
Lamp family code	-
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	-
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0
Luminous Flux	2,500 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	86.21 lm/W
Color rendering index (CRI)	70
Light source color	Neutral white
Optical cover type	Acrylate cover and semi-matt high-
	reflective optic
Luminaire light beam spread	-
Optic type outdoor	Symmetrical

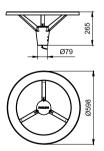
Datasheet, 2023, April 15 data subject to change

Smart Post-top G3

Input Voltage		
Line Frequency 50 to 60 Hz Inrush current 2.1 A Inrush time 22.3 ms Power Consumption 29 W Power Factor (Fraction) 0.9 Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B - Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Operating and Electrical	
Inrush current 2.1 A Inrush time 22.3 ms Power Consumption 29 W Power Factor (Fraction) 0.9 Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Input Voltage	220 to 240 V
Power Consumption 29 W Power Factor (Fraction) 0.9 Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Line Frequency	50 to 60 Hz
Power Consumption 29 W Power Factor (Fraction) 0.9 Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B - Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Fiat	Inrush current	2.1 A
Power Factor (Fraction) Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Acrylate Optic material Optic material Acrylate Optical cover material Fixation material Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Inrush time	22.3 ms
Connection Flying leads/wires Cable Cable 0.45 m without plug Number of products on MCB of 16 A type B - Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape	Power Consumption	29 W
Cable Cable O.45 m without plug Number of products on MCB of 16 A type B - Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B - Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape	Connection	Flying leads/wires
Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Cable	Cable 0.45 m without plug
Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape	Number of products on MCB of 16 A type	В -
Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape		
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Temperature	
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Control interface Constant light output No Mechanical and Housing Housing Material Acrylate Optic material Acrylate Optical cover material Acrylate Stainless steel Housing Color Dark gray Mounting device Optical cover shape Flat	Ambient temperature range	-40 to +50 °C
Dimmable Driver/power unit/transformer Power supply unit (On/Off) Control interface Constant light output No Mechanical and Housing Housing Material Acrylate Optic material Acrylate Optical cover material Acrylate Stainless steel Housing Color Dark gray Mounting device Optical cover shape Flat		
Driver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Controls and Dimming	
Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Dimmable	No
Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Driver/power unit/transformer	Power supply unit (On/Off)
Mechanical and Housing Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Control interface	-
Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Constant light output	No
Housing Material Aluminum die cast Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat		
Reflector material Acrylate Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Mechanical and Housing	
Optic material Acrylate Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Housing Material	Aluminum die cast
Optical cover material Acrylate Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Reflector material	Acrylate
Fixation material Stainless steel Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Optic material	Acrylate
Housing Color Dark gray Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Optical cover material	Acrylate
Mounting device Post-top for diameter 60 mm Optical cover shape Flat	Fixation material	Stainless steel
Optical cover shape Flat	Housing Color	Dark gray
	Mounting device	Post-top for diameter 60 mm
Optical cover finish Frosted	Optical cover shape	Flat
	Optical cover finish	Frosted
Overall height 265 mm	Overall height	265 mm

Overall diameter	578 mm
Effective projected area	0.11 m ²
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	4/2 kV
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM ≤ 5
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BGP161 LED2500/NW PSU 220-240V 7043
	GM
Full product name	BGP161 LED2500/NW PSU 220-240V 7043
	GM
Full product code	872016972871499
Order code	911401834898
Material Nr. (12NC)	911401834898
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169728714
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169728714

Dimensional drawing



Smart Post-top G3



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