

# Smart Post-top G3

## BGP161 LED2500/NW PSU 220-240V 9006

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 optimized 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 |
| **Flammability mark** | - |
| **CE mark** | - |
| **ENEC mark** | - |
| **Warranty period** | 3 years |
| **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 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |

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| | |
|---|---|
| **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** | Acrylate |
| **Fixation material** | Stainless steel |
| **Housing Color** | Grey |
| **Mounting device** | Post-top for diameter 60 mm |
| **Optical cover shape** | Flat |
| **Optical cover finish** | Frosted |

| | |
|---|---|
| **Overall height** | 265 mm |
| **Overall diameter** | 578 mm |

## 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** | SDCM>5 |
| **Power consumption tolerance** | +/-10% |

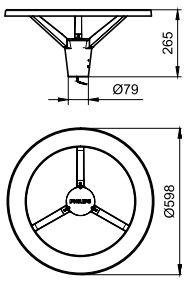
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | Not applicable |

## Product Data

| | |
|---|---|
| **Order product name** | BGP161 LED2500/NW PSU 220-240V 9006 |
| **Full product name** | BGP161 LED2500/NW PSU 220-240V 9006 |
| **Full product code** | 911401633803 |
| **Order code** | 911401633803 |
| **Material Nr. (12NC)** | 911401633803 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 2 |

## Dimensional drawing



# Smart Post-top G3

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2023, September 15 - data subject to change