

Smart Post Top G3 (BGP161)

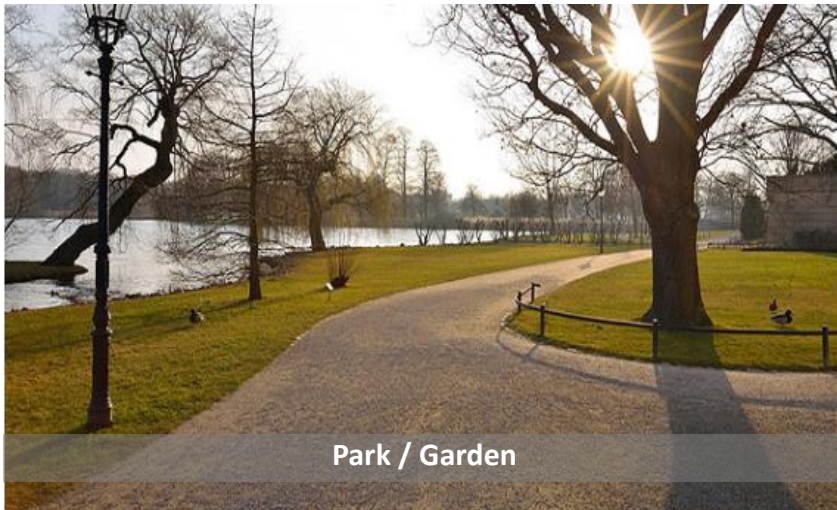
Lighting solutions for Green Path / Park & Plaza

Ajay K R

Professional Lighting Solutions

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Key applications



What lighting solutions are customers expecting



Aesthetics
Look & Feel



Economic
Optimization



Reliable Quality
Outdoor application



Environment
Friendly

Smart Post Top G3 – BGP161



Reliable Aesthetic

Simple & Modern

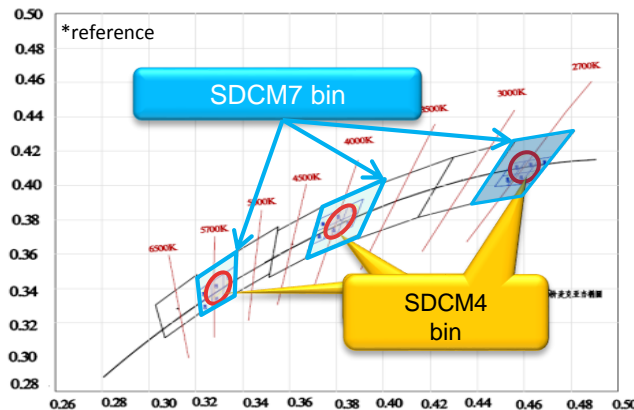
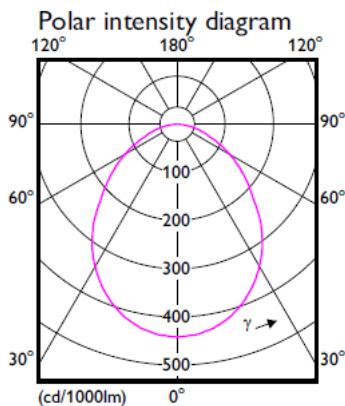
- Aesthetics concept built by Philips Design team, simple & modern
- Painting qualified with 500hrs salt spray performance, reliable aesthetic
- Contrast color of housing as compared to surroundings GREY (RAL 7043)

Smart Post Top G3 – BGP161



□ Economic Optimization

- ✓ 2500lm typical lumen output
- ✓ Color consistency with SDCM=4 by precise LED bin selection
- ✓ Multiple CCT options: 3000K/4000K



PHILIPS

Smart Post Top G3 – BGP161

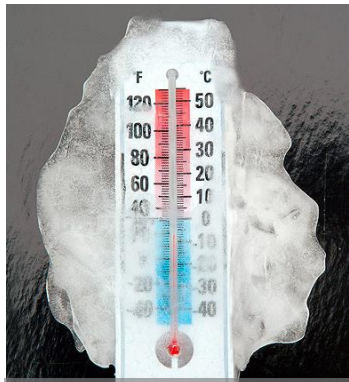


☐ Reliable Quality:

- ✓ Lifetime: 25Khrs L70 @35°C
- ✓ Operating temperature: 0°C to +50°C
- ✓ Product performance & quality verified through Various type tests, ensuring long time reliability for outdoor application.
- ✓ CB, CE (in preparation)



IP65
Outdoor Application



Resistance to high and
low temperature



CB / CE
Meets all relevant standards

Smart Post Top G3 – BGP161



□ Environmental friendly:

- ✓ RoHs
- ✓ System efficacy 85lm/W

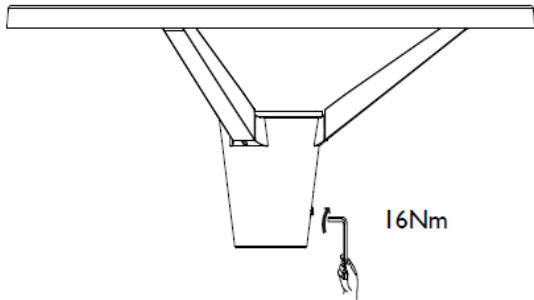


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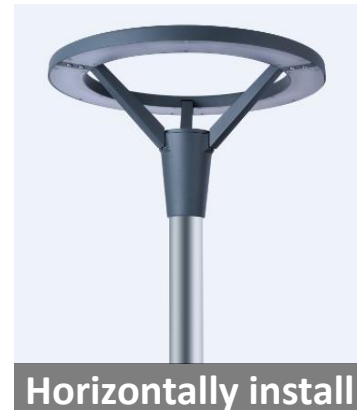


□ Easy & Safe installation & maintenance :

- ✓ **Mounting hole designed with special consideration ensures luminaire horizontally installed**
 - Unilateral fixed, Quick & easy
 - Special mounting design, ensures horizontal installation
- ✓ **Design with low weight improves the safety of installation & maintenance**



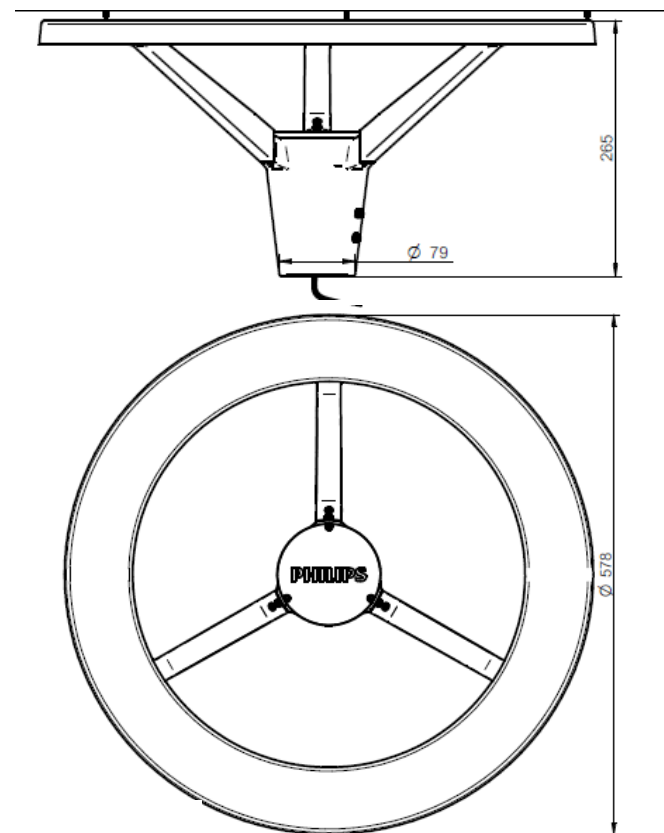
Unilateral fixed



Key Specifications

Parameter	SPEC
Lumen output	2500lm (4000K typical) 2300lm (3000K typical)
CRI	70
CCT	3000K, 4000K
Color consistency	SDCM=4
Optic	Symmetric
Input voltage	220-240V AC, 50/60 Hz
Safety Class	Class I
Power Factor	0.9
System Power	27W
System Efficacy	85lm/W
Housing material	Die cast Al.
Diffuser material	PC
IP	IP65
IK	IK07
Salt Spray resistance	500hrs salt spray
Mounting pole diameter	Φ60mm, leader cable 0.5m
Housing color	RAL7043
Luminaire dimension	Φ578mm x H265mm
Operating temperature	0°C to +50°C
Lifetime	25K hrs @L70 @35°C
Warranty	1 yrs
Certification	CB,CE (in preparation)
RoHS	Yes

Tolerance limitation : ±10%



Order information

12NC	Product description	CCT	Housing Color
911401634103	BGP161 LED2300/WW PSU 220-240V 7043	3000K	RAL 7043
911401634003	BGP161 LED2500/NW PSU 220-240V 7043	4000K	RAL 7043



Mounting Instruction

Smart Post Top G3/庭院灯 BGP161

Mounting instruction/ 安装说明

44410009091

Type 型号	Voltage/Frequency 电压/频率	Power 功率	CCF 色温	Color 颜色	Weight 重量
BGP161 LED3000WW PSU 220-240V 7000	220-240V/50/60Hz	27W	3000K	7000	4.3
BGP161 LED3000WW PSU 220-240V 7043	220-240V/50/60Hz	27W	3000K	7043	4.3
BGP161 LED3000WW PSU 220-240V 7006	220-240V/50/60Hz	27W	4000K	7006	4.3
BGP161 LED3000WW PSU 220-240V 7043	220-240V/50/60Hz	27W	4000K	7043	4.3

单位: 毫米
Unit: mm

Supplied with 0.5m power cable
灯具配带0.5米电源线

1

2

Philips Lighting (China) Investment Co., Ltd.
Address: Building 10A, Yanshi 999, Tianjin Road
Pudong District, Shanghai
飞利浦照明(中国)投资有限公司
地址: 中国上海市浦东新区川沙路999号
邮编: 201201

PHILIPS

3

Cable
60245IEC57 3x1mm²

Blue N/蓝线N
Brown L/棕线N
Yellow Green GND/黄绿线GND

Recommendation: Connections terminations must be in IP 65 compartment/Junction box(Not part of Supply).

Service Category :

➤ CLASS "C"



Caution : Earthing terminal to be connected

Installation

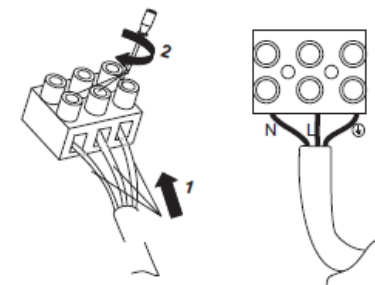
1. Connect the red wire to live, Black wire to Neutral and the Green-yellow wire to ground. After joining Properly insulate the wires using good quality Electrical insulation tape.

CAUTION

1. Ensure Earthing is connected.
2. Ensure 3 core CABLE for Connections(diameter8-10mm)
3. Cable Entry gland should be properly tightened.
4. Product should be operated between 100-300V a.c.
5. Use Surge protection (upto 10kV) to protect against surges
Use Type B+C surge type SPD in distribution box to arrest switching and lighting surges.

FAILURE OF PRODUCT DUE TO NON COMPLIANCE TO ANY OF THE ABOVE,
VOIDS WARRANTY OF PRODUCT

- 6 Make the electrical connections in 3 pole connectors as per the L-N-E marking.



Notice: Correct connection for polarities



- Earthing is a must for all LED based product
- Ensure Surge protector are installed in the supply panel
- Ensure LED products are in a separate circuit and not connected with other heavy duty loads
- The warranty will be void if earthing is not provided as per applicable standards

