# Lighting

**PHILIPS** 



# **TownGuide Performer**

# BDP100 LED60/740 DW PCF SI CLO-LS-6 48P

TOWNGUIDE PERF FLAT CONE, LED GreenLine 6000 lm, Distribution wide, Polycarbonate bowl/cover frosted, Post-top for diameter 48 mm

The TownGuide Performer family consists of six recognizable yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic, T and Tzero. All are available with a clear bowl. Except for Tzero, also a frosted bowl can be chosen. With an extensive range of lumen packages and a choice of light colors and operating lifetimes, it is easy to select the version that best suits your project's specific requirements. In addition, TownGuide Performer has a variety of control system options that can make it an integral part of your smart energy-reduction programs – from stand-alone LumiStep and DynaDimmer, SDU switch-dim control, through to seamless remote connectivity with CityTouch lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, the luminaire does not have to be opened at all for installation. Philips has made every effort to make the Total Cost of Ownership (TCO) of the luminaire as attractive as possible. And as TownGuide Performer is a dedicated LED luminaire, compatible with a variety of control systems, the energy and maintenance cost savings compared to conventional lighting are significant.

#### **Product data**

General Information	
Lamp family code	GRN60 [LED GreenLine 6000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

Product family code	BDP100 [TOWNGUIDE PERF FLAT CONE]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output and LumiStep
	dimming 6 hours
CE mark	Yes
Warranty period	5 years

## **TownGuide Performer**

Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	3,190 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color rendering index (CRI)	70
Number of light sources	8
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide

Operating	and E	lectrical
e p el alling		

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	38.5 W
Average CLO power consumption	39.5 W
End CLO power consumption	40.5 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	40.5 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B 10	

#### Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer and
	constant light output (integrated)
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum

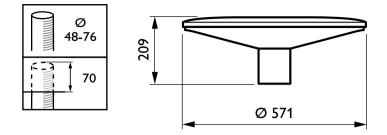
-40 to +35 °C

Reflector material -

Optic material	Acrylate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	Silver	
Mounting device	Post-top for diameter 48 mm	
Optical cover shape	Conical flat	
Optical cover finish	Frosted	
Overall height	209 mm	
Overall diameter	570 mm	
Effective projected area	0.051 m <sup>2</sup>	
Parts color	All parts colored	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK10 [20 J vandal-resistant]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	
	differential mode and 6 kV common mode	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.38, 0.38) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compli	ant)	
Driver failure rate at 5000 h	0.5 %	
Application Conditions		
Maximum dim level	50%	
Product Data		
Order product name	BDP100 LED60/740 DW PCF SI CLO-LS-6	
	48P	
Full product name	BDP100 LED60/740 DW PCF SI CLO-LS-6	
	48P	
Full product code	871829190611700	
<u></u>		
Order code	910500991012	
Material Nr. (12NC)	910500991012 910500991012	
Material Nr. (12NC)	910500991012	
Material Nr. (12NC) Numerator - Quantity Per Pack	910500991012 1	
Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	910500991012 1 8718291906117	

### **TownGuide Performer**

#### Dimensional drawing





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