



# **TownGuide Performer**

### BDP104 LED20/830 DW PCF SI CLO 62P

TOWNGUIDE PERF T, LED GreenLine 2000 lm, Distribution wide, Polycarbonate bowl/cover frosted, Constant light output, Post-top for diameter 62 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	GRN20 [LED GreenLine 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

Product family code	BDP104 [TOWNGUIDE PERF T]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-

Datasheet, 2023, April 29 data subject to change

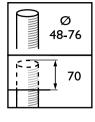
## **TownGuide Performer**

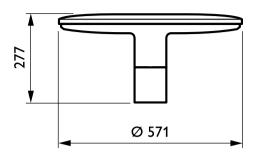
ENEC mark	ENEC mark	Reflector material	_
Glow-wire test	Temperature 650 °C, duration 5 s	Optic material	-
EU RoHS compliant	No	Optical cover material	
		Fixation material	:
Light Technical		Housing Color	
Upward light output ratio	0.4	Mounting device	
Luminous Flux	936 lm	Optical cover shape	
Standard tilt angle posttop	O°	Optical cover finish	
Standard tilt angle side entry	-	Overall height	
Correlated Color Temperature (Nom)	3000 K	Overall diameter	
Luminous Efficacy (rated) (Nom)	59 lm/W	Effective projected area	
Color rendering index (CRI)	80	Parts color	_
Number of light sources	4		
Light source color	830 warm white	Approval and Application	
Optical cover type	Polycarbonate bowl/cover frosted	Ingress protection code	
Luminaire light beam spread	50° x 70°	Mech. impact protection code	
Optic type outdoor	Distribution wide	Surge Protection (Common/Differential)	
Operating and Electrical		Protection class IEC	- '
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Initial Performance (IEC Compliant)	
Initial CLO power consumption	15.8 W	Luminous flux tolerance	
Average CLO power consumption	15.8 W	Initial chromaticity	
End CLO power consumption	16 W	Power consumption tolerance	
Inrush current	22 A	Init. Color Rendering Index Tolerance	
Inrush time	0.29 ms		
Power Consumption	16 W	Over Time Performance (IEC Compli	aı
Power Factor (Fraction)	0.94	Driver failure rate at 5000 h	
Connection	Screw connection block 5-pole		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	<b>B</b> 20	Maximum dim level	
Temperature		Product Data	
Ambient temperature range	-40 to +35 ℃	Order product name	
		Full product name	_
Controls and Dimming		Full product code	
Dimmable	No	Order code	-
Driver/power unit/transformer	Power supply unit regulating with constant	Material Nr. (12NC)	
	light output	Numerator - Quantity Per Pack	_
Control interface	<del></del> -	EAN/UPC - Product/Case	- /
Constant light output	Yes	Numerator - Packs per outer box	_
		EAN/UPC - Case	_
Mechanical and Housing			_
Housing Material	Aluminum		

Optic material	Acrylate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	Silver	
Mounting device	Post-top for diameter 62 mm	
Optical cover shape	Narrow	
Optical cover finish	Frosted	
Overall height	277 mm	
Overall diameter	570 mm	
Effective projected area	0.053 m²	
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	(0.43, 0.40) 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	Not applicable	
Product Data		
Order product name	BDP104 LED20/830 DW PCF SI CLO 62P	
Full product name	BDP104 LED20/830 DW PCF SI CLO 62P	
Full product code	871829191083100	
Order code	91083100	
Material Nr. (12NC)	910500991144	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291910831	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291910831	

#### **TownGuide Performer**

#### Dimensional drawing







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