



TownGuide Performer

BDP100 LED20/830 DW PCF SI CLO 62P

TOWNGUIDE PERF FLAT CONE, LED Module 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	LED20 [LED Module 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED

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

Datasheet, 2023, April 19 data subject to change

TownGuide Performer

Flammability mark		Optical cover material
ENEC mark	ENEC mark	Fixation material
Glow-wire test	Temperature 650 °C, duration 5 s	Housing Color
EU RoHS compliant	Yes	Mounting device
Serviceability class	Class A, luminaire is equipped with	Optical cover shape
	serviceable parts (when applicable): LED	Optical cover finish
	board, driver, control units, surge	Overall length
	protection device, optics, front cover and	Overall width
	mechanical parts	Overall height
		Overall diameter
Light Technical		Effective projected area
Upward light output ratio	3	Dimensions (Height x Width x Depth)
Luminous Flux	1,160 lm	Parts color
Standard tilt angle posttop	0°	
Standard tilt angle side entry	-	Approval and Application
Correlated Color Temperature (Nom)	3000 K	Ingress protection code
Luminous Efficacy (rated) (Nom)	75 lm/W	
Color rendering index (CRI)	80	Mech. impact protection code
Number of light sources	4	Surge Protection (Common/Differential)
Light source color	830 warm white	
Optical cover type	Polycarbonate bowl/cover frosted	Sustainability rating
Luminaire light beam spread	50° x 70°	Protection class IEC
Optic type outdoor	Distribution wide	
		Initial Performance (IEC Compliant)
Operating and Electrical		Luminous flux tolerance
Input Voltage	220-240 V	Initial chromaticity
Line Frequency	50 to 60 Hz	Power consumption tolerance
Initial CLO power consumption	15.4 W	Init. Color Rendering Index Tolerance
Average CLO power consumption	15.6 W	
End CLO power consumption	15.8 W	Over Time Performance (IEC Complia
Inrush current	22 A	Driver failure rate at 5000 h
Inrush time	0.29 ms	Control gear failure rate at median useful
Power Consumption	15.8 W	life 100000 h
Power Factor (Fraction)	0.94	Lumen maintenance at median useful life*
Connection	Screw connection block 5-pole	100000 h
Cable	-	
Number of products on MCB of 16 A type B	26	Application Conditions
The state of the s		Performance ambient temperature Tq
Temperature		Maximum dim level
Ambient temperature range	-40 to +35 °C	Maximum aim tevet
Ambient temperature range	-40 to +33 C	Product Data
Controls and Dimming		
Controls and Dimming	N-	Order product name
Dimmable	No	Full product name
Driver/power unit/transformer	Power supply unit regulating with constant	Full product code
	light output	Order code
Control interface	-	Material Nr. (12NC)
Constant light output	Yes	Numerator - Quantity Per Pack
		EAN/UPC - Product/Case
Mechanical and Housing		Numerator - Packs per outer box
Housing Material	Aluminum	EAN/UPC - Case
Reflector material	-	
Optic material	Acrylate	

Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Mounting device	Post-top for diameter 62 mm
Optical cover shape	Conical
Optical cover finish	Frosted
Overall length	570 mm
Overall width	570 mm
Overall height	209 mm
Overall diameter	570 mm
Effective projected area	0.051 m²
Dimensions (Height x Width x Depth)	209 x 570 x 570 mm
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 4 kV
	differential mode and 4 kV common mode
Sustainability rating	Lighting for circularity
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 Complian	nt)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	98
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BDP100 LED20/830 DW PCF SI CLO 62P
Full product name	BDP100 LED20/830 DW PCF SI CLO 62P
Full product code	871829191051000
Order code	91051000
Material Nr. (12NC)	910500991112
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291910510
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291910510

TownGuide Performer

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.