



# **TownGuide Performer**

## BDP100 LED35/740 II DS PCF SI CLO 62P

TOWNGUIDE PERF FLAT CONE, LED GreenLine 3500 lm, Distribution symmetrical, 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, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. All this combined with a long life expectancy of 100,000 operating hours. In addition, TownGuide Performer has a variety of control system options that can make this luminaire an integral part of smart energyreduction programs. This includes LumiStep, DynaDimmer, and LineSwitch standalone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. 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, there are significant energy and maintenance cost savings compared with conventional lighting.

#### **Product data**

General Information	
Lamp family code	GRN35 [LED GreenLine 3500 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

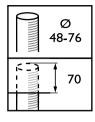
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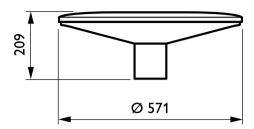
Lighting Technology  Value ladder  Embedded control  Constant light  CE mark  Yes  Warranty period  Flammability mark  ENEC mark  Glow-wire test  EU RoHS compliant  No  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Roll Entry  Color rendering index (CRI)  No  Number of light sources  4  Light source color  Optical cover type  Polycarbonate  Luminaire light beam spread  Operating and Electrical  Input Voltage  220 to 240 V	NGUIDE PERF FLAT CONEJ
Lighting Technology  Value ladder  Embedded control  Constant light  Yes  Warranty period  5 years  Flammability mark  ENEC mark  Glow-wire test  EU RoHS compliant  No  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  82 lm/W  Color rendering index (CRI)  No  Number of light sources  4  Light source color  Optical cover type  Polycarbonate  Luminaire light beam spread  Operating and Electrical  Input Voltage  220 to 240 V	
Value ladder Performance  Embedded control Constant light  CE mark Yes  Warranty period 5 years  Flammability mark -  ENEC mark ENEC mark  Glow-wire test Temperature of the standard tilt angle posttop 0°  Standard tilt angle side entry -  Correlated Color Temperature (Nom) 4000 K  Luminous Efficacy (rated) (Nom) 82 lm/W  Color rendering index (CRI) 70  Number of light sources 4  Light source color 840 neutral w  Optical cover type Polycarbonate  Luminaire light beam spread 75°  Operating and Electrical  Input Voltage 220 to 240 V	output
Embedded control  CE mark  Yes  Warranty period  Flammability mark  ENEC mark  Glow-wire test  EU RoHS compliant  No  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  O°  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  82 lm/W  Color rendering index (CRI)  No  Number of light sources  4  Light source color  Optical cover type  Luminaire light beam spread  Operating and Electrical  Input Voltage  220 to 240 V	output
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Warranty period 5 years  Flammability mark - ENEC mark ENEC mark  Glow-wire test Temperature of the EU RoHS compliant No  Light Technical  Upward light output ratio 0.4  Luminous Flux 1,938 lm  Standard tilt angle posttop 0°  Standard tilt angle side entry - Correlated Color Temperature (Nom) 4000 K  Luminous Efficacy (rated) (Nom) 82 lm/W  Color rendering index (CRI) 70  Number of light sources 4  Light source color 840 neutral w Optical cover type Polycarbonate Luminaire light beam spread 75°  Optic type outdoor Distribution sy  Operating and Electrical  Input Voltage 220 to 240 V	
Flammability mark  ENEC mark  Glow-wire test  EU RoHS compliant  No  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  O°  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Auminous Efficacy (rated) (Nom)  Standard tilt sources  Light source color  Optical cover type  Luminaire light beam spread  Operating and Electrical  Input Voltage  ENEC mark  FORCE  Author March  No  O.4  Luminous Flux  1,938 lm	
ENEC mark Glow-wire test Temperature of EU RoHS compliant No  Light Technical Upward light output ratio 0.4 Luminous Flux 1.938 lm Standard tilt angle posttop O° Standard tilt angle side entry - Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 82 lm/W Color rendering index (CRI) 70 Number of light sources 4 Light source color 840 neutral w Optical cover type Polycarbonate Luminaire light beam spread 75° Optic type outdoor Distribution sy Operating and Electrical Input Voltage	
EU RoHS compliant  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  O°  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  82 lm/W  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  To 0.4  1,938 lm  4000 K  82 lm/W  Polycarbonate  44  Distribution sy	
EU RoHS compliant  Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  82 lm/W  Color rendering index (CRI)  70  Number of light sources  4  Light source color  Optical cover type  Polycarbonate  Luminaire light beam spread  75°  Optic type outdoor  Distribution sy  Operating and Electrical  Input Voltage	
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Upward light output ratio  Luminous Flux  Standard tilt angle posttop  O°  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  82 lm/W  Color rendering index (CRI)  Number of light sources  4  Light source color  Optical cover type  Polycarbonate  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage	
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Luminaire light beam spread 75°  Optic type outdoor Distribution sy  Operating and Electrical  Input Voltage 220 to 240 V	hite
Optic type outdoor Distribution sy  Operating and Electrical  Input Voltage 220 to 240 V	bowl/cover frosted
Operating and Electrical Input Voltage 220 to 240 V	
Input Voltage 220 to 240 V	mmetrical
Input Voltage 220 to 240 V	
Line Francisco	
Line Frequency 50 to 60 Hz	
Initial CLO power consumption 23.5 W	
Average CLO power consumption 23.5 W	
End CLO power consumption 24 W	
Inrush current 22 A	
Inrush time 0.29 ms	
Power Consumption 24 W	
Power Factor (Fraction) 0.97	
<b>Connection</b> Screw connection	tion block 5-pole
Cable -	
Number of products on MCB of 16 A type B 20	
Temperature	
Ambient temperature range -40 to +35 °C	
Controls and Dimming	
<b>Dimmable</b> No	
<b>Driver/power unit/transformer</b> Power supply	unit regulating with constant
light output	
Control interface -	

Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
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 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 II
1 11 1 1 (FGG 11 1)	
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 Deuferment (IEC Count)	
Over Time Performance (IEC Compli	
Driver failure rate at 5000 h	0.5 %
Analination Constitutions	
Application Conditions	Makana Badala
Maximum dim level	Not applicable
Due duet Date	
Product Data	DDD100   ED35 /740    DC DCE CLCLO C3D
Order product name	BDP100 LED35/740 II DS PCF SI CLO 62P
Full product name	BDP100 LED35/740 II DS PCF SI CLO 62P
Full product code	871869631967300
Order code	910500991192
Material Nr. (12NC)	910500991192
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696319673
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696319673

### **TownGuide Performer**

#### Dimensional drawing







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