



CitySphere

BDP782 GRN15/740/RD PSDD II DS CL DGR DD

CITYSPHERE, LED GreenLine 1500 lm, Distribution symmetrical

At a time of rapidly changing social practices, every city is looking to be more attractive, welcoming, convenient and safe. CitySphere is a post-top ambiance LED luminaire designed to create a comfortable and pleasant atmosphere that puts the users of public spaces at ease. A slim, discreet presence during the day, it brings urban spaces to life at night. CitySphere delivers a visually comfortable volume of light and gives the city its own color signature. CitySphere comes with dedicated spigots, brackets and poles, enabling development planners, specifiers and decision makers to create a consistent urban identity and ambience.

Product data

General Information	
Lamp family code	GRN15 [LED GreenLine 1500 lm]
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value. * At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
	<u> </u>

Product family code	BDP782 [CITYSPHERE]
Lighting Technology	LED
Value ladder	Specification
Embedded control	DynaDimmer with fixed presets version 1
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	1,191 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K

DDD703 (CIT/CDLIEDE)

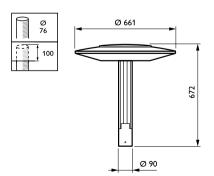
Datasheet, 2023, September 4 data subject to change

CitySphere

Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	65 A
Inrush time	0.1 ms
Power Consumption	14 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	Cable 7.0 m without plug
Number of products on MCB of 16 A	21
type B	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Dark gray
Mounting device	Diameter 90 mm, posttop decorative
Optical cover shape	Conical
Optical cover finish	Clear
Overall height	172 mm

Overall diameter	661 mm	
Effective projected area	0.343 m²	
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)	Philips standard surge protection level	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.381, 0.379) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Product Data		
Order product name	BDP782 GRN15/740/RD PSDD II DS CL DGR	
	DD	
Full product name	BDP782 GRN15/740/RD PSDD II DS CL DGR	
	DD	
Full product code	871794317700400	
Order code	912300022747	
Material Nr. (12NC)	912300022747	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8717943177004	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8717943177004	

Dimensional drawing



CitySphere



© 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.