PHILIPS Lighting



CityCharm Cone

BDS491 GRN10-/740 I DM GRB DF-S GR CLO S

CityCharm Cone, LED GreenLine 1000 lm, Distribution medium, Constant light output

CityCharm Cone is designed for use in urban areas where comfortable lighting, ambiance and design play an important role. Its unobtrusive appearance makes it a timeless, future-proof luminaire that is ideal for residential areas, parks, footpaths and cycle lanes, where visual comfort and maximum efficiency are key. CityCharm offers a choice of two iconic designs (Cone and Cordoba) and various accessories, enabling you to create a lighting solution that carries your signature, both by day and by night. CityCharm luminaires are also available as a complete set, with a choice of dedicated poles and brackets.

Product data

General Information	
Lamp family code	GRN10 [LED GreenLine 1000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BDS491 [CityCharm Cone]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.03
Luminous Flux	889 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	97 lm/W
Color rendering index (CRI)	≥70
Number of light sources	8

CityCharm Cone

Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	360°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	7.2 W
Average CLO power consumption	8.1 W
End CLO power consumption	9 W
Inrush current	28 A
Inrush time	15 ms
Power Consumption	9 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B 32	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	

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 10 kV
	differential mode and 10 kV common mode
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.370) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	iant)
Driver failure rate at 5000 h	0.05 %
Application Conditions	
Application Conditions Maximum dim level	Not applicable
	Not applicable
Maximum dim level	Not applicable BDS491 GRN10-/740 I DM GRB DF-S GR
Maximum dim level Product Data	
Maximum dim level Product Data	BDS491 GRN10-/740 I DM GRB DF-S GR
Maximum dim level Product Data Order product name	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S
Maximum dim level Product Data Order product name	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR
Maximum dim level Product Data Order product name Full product name	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR CLO S
Maximum dim level Product Data Order product name Full product name Full product code	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR CLO S 871869692152400
Maximum dim level Product Data Order product name Full product name Full product code Order code	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR CLO S 871869692152400 92152400
Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR CLO S 871869692152400 92152400 910505017168
Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BDS491 GRN10-/740 I DM GRB DF-S GR CLO S BDS491 GRN10-/740 I DM GRB DF-S GR CLO S 871869692152400 92152400 910505017168 1

529 mm

556 mm

0.1155 m²

Overall height

Overall diameter

Effective projected area

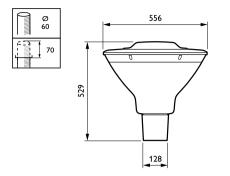
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 60 mm
Optical cover shape	Hemispherical

Clear

Optical cover finish

CityCharm Cone

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.

www.lighting.philips.com 2023, April 29 - data subject to change