



CitySphere – creating an appealing, comfortable atmosphere with its own colour signature

CitySphere

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 colour signature. CitySphere comes with dedicated spigots, brackets and poles, enabling development planners, specifiers and decision makers to create a consistent urban identity and ambience.

Benefits

- Creates an appealing, comfortable atmosphere
- Brings cities to life at night with a touch of colour
- Complete lighting solution ensuring a consistent and distinctive identity (colour ring)

Features

- Visual comfort perception and a possible colour signature, creating a distinctive atmosphere
- Energy-efficient
- Excellent light quality over lifetime
- Dedicated spigots, single and double-arm brackets, and masts (height of 4 to 5 metres)

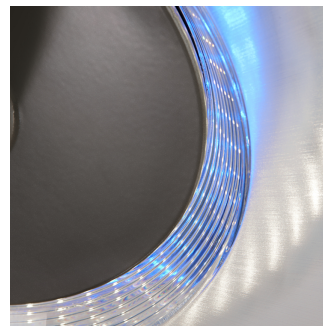
Application

- Urban streets
- Side and residential streets
- Pedestrian and cycle paths
- Squares and parks

Versions



Product details



Product details



Application Conditions

Average ambient temperature	25 °C
Maximum dim level	10%

Approval and Application

Mech. impact protection code	IK10
Surge Protection (Common/Differential)	Philips standard surge protection level kV

Controls and Dimming

Dimmable	Yes
----------	-----

General Information

Luminaire light beam spread	148° x 88°
CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	PC-UV
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Optic type	Distribution medium
Product Family Code	BDP780

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and Housing

Colour	Dark Grey
--------	-----------

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.53 %
-------------------------------	--------

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units
17684700	BDP780 GRN70/740/BL PSD DM RB DGR D9 60P	GRN70	2 units
17685400	BDP780 GRN70/740/RD PSD DM RB DGR D9 60P	GRN70	2 units
17686100	BDP780 GRN70/740/GN PSD DM RB DGR D9 60P	GRN70	2 units
17689200	BDP780 ECO120/740 PSD DM CL DGR D9 60P	ECO120	1 unit

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
17684700	BDP780 GRN70/740/BL PSD DM RB DGR D9 60P	5600 lm	17686100	BDP780 GRN70/740/GN PSD DM RB DGR D9 60P	5600 lm
17685400	BDP780 GRN70/740/RD PSD DM RB DGR D9 60P	5600 lm	17689200	BDP780 ECO120/740 PSD DM CL DGR D9 60P	9816 lm

