



Get your city ready for the future with DigiStreet

DigiStreet Catenary

Philips DigiStreet Catenary is a new member of the DigiStreet Road & Street family, and it enables you to benefit from the same lighting quality, distinctive design and the advantages of connected lighting systems in applications requiring catenary solutions. Supporting Smart City initiatives, the full DigiStreet range can be equipped with two System Ready (SR) sockets to enable your city to opt in for existing and future controls, sensors and applications such as the Philips CityTouch remote light management system. In addition, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag, which is based on QR coding. With a simple scan of the QR code, which is located on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, throughout the luminaire's entire lifetime. More info? http://www.lighting.philips.com/main/products/digistreet#system_ready__designed_for_smart_cities

Benefits

- Prepared for the future, DigiStreet Catenary is easy to upgrade directly after installation or later with future CMS nodes and sensors to enable new functionalities
- Dedicated optics to match international road and street geometries
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

DigiStreet Catenary

Features

- Catenary solution within the DigiStreet Road & street family
- Option to equip with two SR sockets for easy upgradability to new functionalities
- Easy luminaire identification due to the Philips Service tag
- L-tune tool available
- Lifetime 100Khrs up to L96 at Tq +25 °C

Application

- Traffic routes and main access roads
- Urban areas
- City centers and main streets

Specifications

| | |
|---|---|
| Type | BTP764 Catenary BSP764 Suspended |
| Light source | Built-in LED-module |
| Power | NW/CW 9.5 up to 148W, WW 11.6 up to 154W |
| Luminous flux system | Nominal flux NW/CW 1,400-24,000 lm, WW from 1,400 to 20,000 lm system flux NW/CW 1,250-21,600 lm, WW from 1,250 to 18,000 lm Or tailor flux using L-Tune software |
| Luminaire efficacy | NW/CW up to 158 lm/W, WW up to 126 lm/W |
| Correlated Color | Warm white (WW): 3000 K |
| Temperature | Neutral white (NW): 4000 K Cool white (CW): 5700 K |
| Color Rendering Index | min. 70 (for CW, NW) min. 80 (for WW) |
| Lumen maintenance at median useful life* 100000 h | up to L96 |
| Control gear failure rate at median useful life 100000 h | 10% |
| Performance Ambient Temperature Tq | +25 °C |
| Operating temperature range | -40 to +35 °C |
| Driver | Built-in (self-ballasted LED-module) |
| Mains voltage | 220-240 V / 50-60 Hz |
| Inrush current | 40W: 22 A/ 290 µs (max 20 drivers on CB 16A B type), SR 40W: 21A/ 300 µs (max 21 drivers on CB 16A B type) 75W: 46A/ 250 µs (max 11 drivers on CB 16A B type), SR 75W: 65A/ 330 µs (max 6 drivers on CB 16A B type) 150W: 53A/ 300 µs (max 8 drivers on CB 16A B type), SR 150W: 65A/ 330 µs (max 6 drivers on CB 16A B type) |

| | |
|-------------------------|---|
| Dimming | Stand alone DynaDimmer DALI |
| Options | Wired for SR (System Ready), mini Photocell or NEMA socket |
| Cable | Including cable |
| Optic | For BTP764: Narrow, medium, wide or extra wide road optics: DSM1 For FBSP764: Narrow, medium, wide or extra wide road optics: DN10, DN11, DM10, DM11, DM12, DM30, DM31, DM32, DM33, DM50, DM70, DW10, DW50, DX10, DX50, DX51, DS50, DX70, DPR1, DPL1 |
| Optical cover | Flat cover, glass |
| Material housing | Die-cast aluminum, non corrosive (LM6 quality) |
| Cover | Tempered glass |
| Gear tray | Aluminum |
| Spigot | Die-cast aluminum |
| Colour | RAL 7022 for Philips Dark grey Other RAL or AKZO colors available on request |
| Connection | M20 cable gland with strain relief, for cable Ø 6-12 mm |
| Maintenance | Canopy open with a clip to access the gear tray hinges upwards and is secured by a stainless steel locking bar The Philips Service tag will help to identify the product and share all product information on the spot |
| Installation | Catenary, horizontal direction up to 90 degrees, in vertical direction |
| Max SCx | BTP764: 0.0180 m² BSP764: 0.0180 m² |

DigiStreet Catenary

Versions



DigiStreet Catenary



DigiStreet Suspended

Product details



DigiStreet_Catenary-
BTP764-1DPP.tif



DigiStreet_Catenary-
BTP764-2DPP.tif



DigiStreet_Catenary-
BTP764-3DPP.tif



DigiStreet_Catenary-
BTP764-4DPP.tif



DigiStreet_Catenary-
BTP764-5DPP.tif



DigiStreet_Catenary-
BTP764-6DPP.tif

DigiStreet Catenary

Product details



DigiStreet_Suspended-
BSP764-1DPP.tif



DigiStreet_Suspended-
BSP764-2DPP.tif

Application Conditions

Maximum dim level 10%

Approval and Application

Mech. impact protection code IK09

Surge Protection (Common/Differential) Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable Yes

General Information

CE mark CE mark

Light source color 740 neutral white

Optical cover/lens type Flat glass

Driver included Yes

ENEC mark ENEC mark

Flammability mark For mounting on normally flammable surfaces

Lamp family code LED64

Light source replaceable Yes

Number of gear units 1 unit

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature 4000 K

Init. Color Rendering Index >70

Light Technical

Standard tilt angle side entry -

Standard tilt angle posttop -

Upward light output ratio 0

Mechanical and Housing

Color Aluminum

General Information

| Order Code | Full Product Name | Luminaire light beam spread | Optic type | Product Family Code |
|--------------|---|-----------------------------|----------------------|---------------------|
| 912300023969 | BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB | - | Symmetrical | BTP764 |
| 912300023970 | BSP764 LED64-4S/740 DW10 PSD-SR SRT SRB | 52° - 7° x 151° | Distribution wide 10 | BSP764 |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial luminous flux | Order Code | Full Product Name | Initial luminous flux |
|--------------|---|-----------------------|--------------|---|-----------------------|
| 912300023969 | BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB | 5696 lm | 912300023970 | BSP764 LED64-4S/740 DW10 PSD-SR SRT SRB | 5632 lm |

