



# DigiStreet

## BGP762 LED220-/740 II DW10 DGR SRG10 62

DigiStreet Medium - LED module 22000 lm - 740 neutral white  
 - Safety class II (II) - Distribution wide 10 - Dark gray - Surge protection level until 10 kV - Spigot for diameter 62 mm

Developed with the aim of becoming your long-term partner, the system-ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come! Its two sockets enable you to connect directly to the Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain optimal ecosystems for bats or 2) preserve a dark night sky.

### Product data

| General Information           |                               |                       |  |
|-------------------------------|-------------------------------|-----------------------|--|
| Lamp family code              | LED220 [ LED module 22000 lm] | Cable                 | -  |
| Light source colour           | 740 neutral white             | Protection class IEC  | Safety class II (II)   |
| Light source replaceable      | Yes                           | Flammability mark     | NO [ -]  |
| Number of gear units          | 1 unit                        | CE mark               | CE mark  |
| Driver/power unit/transformer | PSU [ Power supply unit]      | ENEC mark             | ENEC mark  |
| Driver included               | Yes                           | Warranty period       | 5 years  |
| Optical cover/lens type       | FG [ Flat glass]              | Optic type outdoor    | Distribution wide 10   |
| Luminaire light beam spread   | -                             | Remarks               | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Control interface             | -                             | Constant light output | No   |
| Connection                    | SI [ Screw connection block]  |                       |  |

|   |  |
|---|--|
| Number of products on MCB (16 A type B) | 8  |
| EU RoHS compliant                       | Yes  |
| Light source engine type                | LED  |
| Serviceability class                    | Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts |
| Product family code                     | BGP762 [ DigiStreet Medium]  |

## Light Technical

|                                |    |
|--------------------------------|----|
| Upward light output ratio      | 0  |
| Standard tilt angle post-top   | 0° |
| Standard tilt angle side entry | 0° |

## Operating and Electrical

|                     |             |
|---------------------|-------------|
| Input Voltage       | 220-240 V   |
| Input frequency     | 50 to 60 Hz |
| Inrush current      | 53 A        |
| Inrush time         | 0.3 ms      |
| Power factor (min.) | 0.99        |

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|                                     |   |
|-------------------------------------|---|
| Housing material                    | Aluminum die-cast                         |
| Reflector material                  | Polycarbonate                             |
| Optic material                      | Acrylate                                  |
| Optical cover/lens material         | Glass                                     |
| Fixation material                   | Stainless steel                           |
| Mounting device                     | 62 [ Spigot for diameter 62 mm]           |
| Optical cover/lens shape            | Flat                                      |
| Optical cover/lens finish           | Clear                                     |
| Overall length                      | 860 mm                                    |
| Overall width                       | 361 mm                                    |
| Overall height                      | 107 mm                                    |
| Effective projected area            | 0.068 m <sup>2</sup>                      |
| Colour                              | Dark gray                                 |
| Dimensions (height x width x depth) | 107 x 361 x 860 mm (4.2 x 14.2 x 33.9 in) |

## Approval and Application

|  |   |
|--|---|
| Ingress protection code                | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK09 [ 10 J]                                  |
| Surge protection (common/differential) | Surge protection level until 10 kV            |

## Initial Performance (IEC Compliant)

|                                |                      |
|--------------------------------|----------------------|
| Initial luminous flux          | 19580 lm             |
| Luminous flux tolerance        | +/-7%                |
| Initial LED luminaire efficacy | 146 lm/W             |
| Init. Corr. Colour Temperature | 4000 K               |
| Init. Colour rendering index   | 70                   |
| Initial chromaticity           | (0.38. 0.38) SDCM <5 |
| Initial input power            | 134 W                |
| Power consumption tolerance    | +/-11%               |

## Over Time Performance (IEC Compliant)

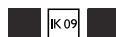
|   |      |
|---|------|
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 100,000 h        | L96  |

## Application Conditions

|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -40 to +50 °C  |
| Maximum dimming level     | Not applicable |

## Product Data

|                                   |  |
|-----------------------------------|--|
| Full product code                 | 871869637838000                            |
| Order product name                | BGP762 LED220-/740 II DW10 DGR SRG10<br>62 |
| EAN/UPC – product                 | 8718696378380                              |
| Order code                        | 37838000                                   |
| SAP numerator – quantity per pack | 1  |
| Numerator – packs per outer box   | 1  |
| SAP material                      | 910925866252                               |
| SAP net weight (piece)            | 9.000 kg                                   |

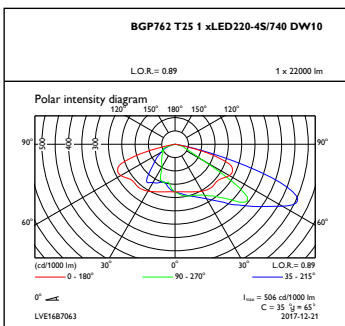


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1\_BGP762T251xLED220-4S740DW10

