DigiStreet

BGP760 LED14-/740 I DN10 DGR 32-48

DigiStreet Micro - LED module 1400 lm - 740 neutral white - Safety class I - Distribution narrow 10 - Dark gray - Spigot for diameter 32 to 48 mm

Developed with the aim to become 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 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 an optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

<table>
<thead>
<tr>
<th>General Information</th>
<th>Luminaire light beam spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of light sources</td>
<td>1 pc</td>
</tr>
<tr>
<td>Lamp family code</td>
<td>LED14 [ LED module 1400 lm]</td>
</tr>
<tr>
<td>Light source color</td>
<td>740 neutral white</td>
</tr>
<tr>
<td>Light source replaceable</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of gear units</td>
<td>1 unit</td>
</tr>
<tr>
<td>Gear</td>
<td>EB [ Electronic]</td>
</tr>
<tr>
<td>Driver/power unit/transformer</td>
<td>Power supply unit</td>
</tr>
<tr>
<td>Driver included</td>
<td>Yes</td>
</tr>
<tr>
<td>Optical element</td>
<td>Vertical diffuser element</td>
</tr>
<tr>
<td>Optical cover/lens type</td>
<td>Flat glass</td>
</tr>
<tr>
<td>Control interface</td>
<td>-</td>
</tr>
<tr>
<td>Connection</td>
<td>Screw connection block 3-pole</td>
</tr>
<tr>
<td>Cable</td>
<td>-</td>
</tr>
<tr>
<td>Protection class IEC</td>
<td>Safety class I</td>
</tr>
<tr>
<td>Glow-wire test</td>
<td>Temperature 650 °C, duration 5 s</td>
</tr>
<tr>
<td>Flammability mark</td>
<td>-</td>
</tr>
<tr>
<td>CE mark</td>
<td>CE mark</td>
</tr>
<tr>
<td>ENEC mark</td>
<td>ENEC mark</td>
</tr>
<tr>
<td>UL mark</td>
<td>-</td>
</tr>
<tr>
<td>Warranty period</td>
<td>5 years</td>
</tr>
</tbody>
</table>

Datasheet, 2020, August 25  
data subject to change
### Optic type outdoor
- Distribution narrow 10

### 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 family code
- BGP760 [ DigiStreet Micro]

### Light Technical
- **Upward light output ratio**
  - 0
- **Standard tilt angle posttop**
  - 0°
- **Standard tilt angle side entry**
  - 0°

### Operating and Electrical
- **Input Voltage**
  - 220-240 V
- **Input Frequency**
  - 50 to 60 Hz
- **Inrush current**
  - 15 A
- **Inrush time**
  - 0.295 ms
- **Driver current**
  - 298 mA
- **Power Factor (Max)**
  - –
- **Power Factor (Min)**
  - 0.95
- **Power Factor (Nom)**
  - 0.88

### 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

### Approval and Application
- **Ingress protection code**
  - IP66 [ Dust penetration-protected, jet-proof]
- **Mech. impact protection code**
  - IK09 [ 10 J]
- **Surge Protection (Common/Differential)**
  - Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

### Initial Performance (IEC Compliant)
- **Initial luminous flux (system flux)**
  - 1274 lm
- **Luminous flux tolerance**
  - +/-7%
- **Initial LED luminaire efficacy**
  - 131 lm/W
- **Init. Corr. Color Temperature**
  - 4000 K
- **Init. Color Rendering Index**
  - 70
- **Initial chromaticity**
  - (0.38 0.38) SDCM <5
- **Initial input power**
  - 9.7 W
- **Power consumption tolerance**
  - +/-11%

### Over Time Performance (IEC Compliant)
- **Control gear failure rate at median useful life 100000 h**
  - 10%
- **Lumen maintenance at median useful life* 100000 h**
  - L98

### Application Conditions
- **Ambient temperature range**
  - -40 to +50 °C
- **Performance ambient temperature Tq**
  - 25 °C
- **Maximum dim level**
  - Not applicable

### Product Data
- **Full product code**
  - 871869637681200
- **Order product name**
  - BGP760 LED14/-740 I DN10 DGR 32-48
- **EAN/UPC - Product**
  - 8718696376812
- **Order code**
  - 910925863556
- **Numerator - Quantity Per Pack**
  - 1
- **Numerator - Packs per outer box**
  - 1
- **Material Nr. (12NC)**
  - 910925863556
- **Net Weight (Piece)**
  - 5.825 kg
Dimensional drawing

Photometric data