



# FreeStreet – feel free in your city

## FreeStreet

In most towns and cities we can see streets and pedestrian zones that, over time, have become crowded with all kinds of disparate elements – light poles, suspended luminaires, street furniture, etc. – making them appear cluttered, restless and uninviting. Wouldn't it be great to regain the public space and improve the accessibility and appearance of our streets? Practically invisible, our FreeStreet suspended lighting system represents a completely new vision of public lighting. Small, stable and lightweight, this state-of-the-art LED solution delivers excellent lighting without disturbing the look and feel of the area, making our streets and pedestrian precincts much more welcoming and accessible. FreeStreet is only available as a Turnkey project solution. Please contact your Philips representative for more information.

### Benefits

- **Aesthetic de-cluttering:** invisible during the day
- **Physical de-cluttering:** more space to move in streets and pedestrian (shopping) areas
- **Maximised lighting quality:** extremely uniform light distribution for safety and visual comfort

### Features

- **Minimised size** – first lighting source to be integrated into the cable design
- **One cable for suspension and mains** – no poles needed
- **30 metre spacing** between crossing cables

### Application

- **City centre streets**

**PHILIPS**

## Specifications

|                                |   |                         |   |
|--------------------------------|---|-------------------------|---|
| • Type                         | BTP700  | • Inrush current        | 6 A   |
| • Light source                 | Integral LED module   | • Controls system input | Dimming via 1-10 V or DALI  |
| • Power (per module)           | GreenLine: 21,5 W<br>ComfortLine: 17,3 W  | • Optic                 | Rotation symmetric 48°  |
| • Beam angle                   | 48°, rotation symmetric   | • Optical cover         | Transparent bowl  |
| • Luminous flux of system      | GreenLine: 1520 lm<br>ComfortLine: 1600 lm  | • Material              | Housing: aluminium<br>Optical cover: polycarbonate  |
| • Correlated Color Temperature | GreenLine: 4000 K<br>ComfortLine: 3000 K  | • Color                 | Philips ultra dark grey   |
| • Color Rendering Index        | GreenLine: 75<br>ComfortLine: 80  | • Connection            | IDC   |
| • Maintenance of lumen output  | Due to Constant Light Output (CLO) functionality, lumen output will remain the same over lifetime | • Maintenance           | 4 screws need to be unscrewed to reach electrical connection to cable   |
| • Driver failure rate          | 1% per 5000 hours   | • Installation          | Catenary on dedicated cable<br>Operating temperature: -30 to +25 °C<br>Recommended mounting height: 6-8 m<br>Max SCx: 0.02 m <sup>2</sup> |
| • Operating temperature range  | -30 to +25°C  | • Remarks               | FreeStreet is only available as a Turnkey project solution. Please contact your Philips representative for more information.              |
| • Driver                       | In control box  |                         |   |
| • Mains voltage                | 110–240 VAC, 50/60 Hz   |                         |   |

## General Information (1/2)

| order code | CE mark | Coating | Light source color | Optical cover/lens type | Design Award Winner mark | Driver included | ENEC mark | Flammability mark | Glow-wire test | Lamp family code |
|------------|---------|---------|--------------------|-------------------------|--------------------------|-----------------|-----------|-------------------|----------------|------------------|
| 04960900   | CE mark | -       | 830 warm white     | PCC                     | Design Award Winner 2011 | Yes             | ENEC mark | F                 | 960/5          | GRN15            |

## General Information (2/2)

| order code | Light source replaceable | Optic type | Product Family Code | ReddotDesign Award Winner mark  |
|------------|--------------------------|------------|---------------------|---------------------------------|
| 04960900   | No                       | WB         | BTP700              | Reddot Design Award Winner 2011 |

## Mechanical and Housing

| order code | Color     |
|------------|-----------|
| 04960900   | Dark Grey |

## Approval and Application

| order code | Mech. impact protection code |
|------------|------------------------------|
| 04960900   | IK08                         |

## Initial Performance (IEC Compliant)

| order code | Init. Corr. Color Temperature | Init. Color Rendering Index | Initial luminous flux |
|------------|-------------------------------|-----------------------------|-----------------------|
| 04960900   | 3000 K                        | 75                          | 1520                  |



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data subject to change