



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

Specifications

Type	BTP700
Light source	Integral LED module
Power (per module)	GreenLine: 21,5 W ComfortLine: 17,3 W
Beam angle	48°, rotation symmetric
Luminous flux of system	GreenLine: 1520 lm ComfortLine: 1600 lm
Correlated Color	GreenLine: 4000 K
Temperature	ComfortLine: 3000 K
Color Rendering Index	GreenLine: 75 ComfortLine: 80
Maintenance of lumen output	Due to Constant Light Output (CLO) functionality, lumen output will remain the same over lifetime
Driver failure rate	1% per 5000 hours
Operating temperature range	-30 to +25°C
Driver	In control box
Mains voltage	110–240 VAC, 50/60 Hz

Inrush current	6 A
Controls system input	Dimming via 1-10 V or DALI
Optic	Rotation symmetric 48°
Optical cover	Transparent bowl
Material	Housing: aluminium Optical cover: polycarbonate
Color	Philips ultra dark grey
Connection	IDC
Maintenance	4 screws need to be unscrewed to reach electrical connection to cable
Installation	Catenary on dedicated cable Operating temperature: -30 to +25 °C Recommended mounting height: 6-8 m Max SCx: 0.02 m²
Remarks	FreeStreet is only available as a Turnkey project solution. Please contact your Philips representative for more information.

Versions

FreeStreet BTP700 suspended lighting system



Product details



Accessories



Ordercode 07427400



Ordercode 07428100



Wall coupling piece

Ordercode 07430400



Coupling piece X-shape

Ordercode 07432800



Ordercode 07434200

Application Conditions

Maximum dim level	Not applicable
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Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	4/4 kV

Controls and Dimming

Dimmable	No
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General Information

Luminaire light beam spread	-
CE mark	CE mark
Coating	-
Optical cover/lens type	PCC
Design Award Winner mark	Design Award Winner 2011
Driver included	Yes
Flammability mark	NO
Glow-wire test	Temperature 960 °C, duration 5 s
Light source replaceable	No
Number of gear units	-
Optic type	Wide beam
Product Family Code	BTP700
ReddotDesign Award Winner mark	Reddot Design Award Winner 2011

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.4

Mechanical and Housing

Colour	Dark Grey
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General Information

Order Code	Full Product Name	Light source colour	Lamp family code
07424300	BTP700 GRN16/740 DGR	740 neutral white	GRN16
04960900	BTP700 GRN15/830 DGR	830 warm white	GRN15

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour	Init. Colour	Initial luminous flux
		Temperature	Rendering Index	
07424300	BTP700 GRN16/740 DGR	4000 K	70	1600 lm

Order Code	Full Product Name	Init. Corr. Colour	Init. Colour	Initial luminous flux
		Temperature	Rendering Index	
04960900	BTP700 GRN15/830 DGR	3000 K	80	2223 lm

