



FreeStreet – feel free in your city

FreeStreet

More and more municipalities want their urban spaces to be attractive, spacious and safe. But in our expanding towns and cities we see streets and pedestrian zones that, over time, have become crowded with all kinds of disparate elements – e.g. signage, light poles, outdoor advertising, street furniture – making them appear cluttered, restless and uninviting. Wouldn't it be great to regain 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 catenary LED solution delivers excellent lighting while blending in seamlessly with 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

- Minimalist design of the light source – hardly visible by day
- Unique system design – first light source to be integrated into the cable design
- Maximized lighting quality for safety and visual comfort

Features

- Design freedom to interact with the urban environment
- Physical and aesthetic de-cluttering: practically invisible during the day, and creating space to move
- One catenary cable for both suspension and mains power supply
- Extremely uniform light distribution

Application

- City center streets
- City center squares
- Pedestrian zones

Specifications

Type	BTP700
Light source	Integral LED module
Power (+/-10%)	Warm white: 21.5 W
	Neutral white: 17.3 W
Beam angle	48°
Luminous flux	Warm white: 1520 lm
	Neutral white: 1600 lm
Luminaire efficacy	Up to 89 lm/W
Correlated Color	3000-4000 K
Temperature	
Color Rendering Index	Warm white: 85
	Neutral white: 70
Lumen maintenance at median useful life*	min L80
75000 h	
Control gear failure rate at median useful life	7.5%
75000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +25°C

Driver	Separate driver in the control box
	Built-in driver in the luminaire
Mains voltage	220-240 V / 50-60 Hz
Inrush current	10 A at t:90µ sec duration
Controls system input	1-10 V
Optic	Symmetrical wide beam
Optical element	Wide street optic
Optical cover	Polycarbonate bowl
Material	Housing: high-pressure, die-cast aluminum, non-corrosive
	Optical cover: polycarbonate
	External driver box: stainless steel
Color	Canopy: ultra-dark grey (DGR) and black (BK)
Maintenance	3 screws from the top to open the luminaire housing
Installation	Dedicated catenary system
	Dedicated accessories available for different mounting possibilities
	Recommended mounting height: 4-8 m
	Max SCx: 0.019 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



Turnbuckle small
Ordercode 910925258612



Turnbuckle large
Ordercode 910925258712



Coupling piece Y-shape
Ordercode 910925258812



Bush
Ordercode 910925258912



Wall coupling piece
Ordercode 910925259012,
910925259112



Coupling piece X-shape
Ordercode 910925259212,
910925259312



Wedge
Ordercode 910925259412

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	Polycarbonate bowl/cover clear
Design Award Winner mark	Design Award Winner 2011
Driver included	Yes
Flammability mark	-
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

General Information

Order Code	Full Product Name	Light source color	Lamp family code
910925451212	BTP700 GRN15/830 BK	830 warm white	GRN15
910925451312	BTP700 GRN16/740 DGR	740 neutral white	GRN16
910925451412	BTP700 GRN16/740 BK	740 neutral white	GRN16
910925710712	BTP700 GRN15/830 DGR	830 warm white	GRN15

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910925451212	BTP700 GRN15/830 BK	3000 K	80	2223 lm
910925451312	BTP700 GRN16/740 DGR	4000 K	70	1600 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910925451412	BTP700 GRN16/740 BK	4000 K	70	1600 lm
910925710712	BTP700 GRN15/830 DGR	3000 K	80	2223 lm

Mechanical and Housing

Order Code	Full Product Name	Color
910925451212	BTP700 GRN15/830 BK	Black
910925451312	BTP700 GRN16/740 DGR	Dark gray

Order Code	Full Product Name	Color
910925451412	BTP700 GRN16/740 BK	Black
910925710712	BTP700 GRN15/830 DGR	Dark gray

