



# 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

**PHILIPS**

## Application

- City center streets
- City center squares

- Pedestrian zones

## Specifications

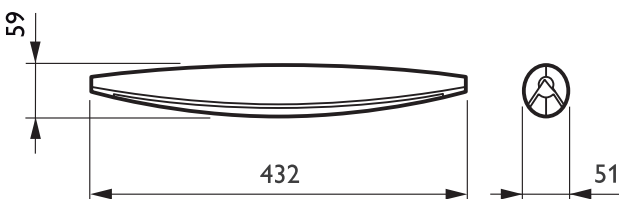
• Type	BTP700	• Controls system input	1-10 V
• Light source	Integral LED module	• Optic	Symmetrical wide beam
• Power (+/-10%)	Warm white: 21.5 W Neutral white: 17.3 W	• Optical element	Wide street optic
• Beam angle	48°	• Optical cover	Polycarbonate bowl
• Luminous flux	Warm white: 1520 lm Neutral white: 1600 lm	• Material	Housing: high-pressure, die-cast aluminum, non-corrosive Optical cover: polycarbonate External driver box: stainless steel
• Luminaire efficacy	Up to 89 lm/W	• Color	Canopy: ultra-dark grey (DGR) and black (BK)
• Correlated Color Temperature	3000-4000 K	• Maintenance	3 screws from the top to open the luminaire housing
• Color Rendering Index	Warm white: 85 Neutral white: 70	• Installation	Dedicated catenary system Dedicated accessories available for different mounting possibilities Recommended mounting height: 4-8 m Max SCx: 0.019 m <sup>2</sup>
• Maintenance of lumen output - L80F10	Due to Constant Light Output (CLO) functionality, lumen output will remain the same over lifetime	• Remarks	FreeStreet is only available as a Turnkey project solution. Please contact your Philips representative for more information.
• 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		

## Related products



FreeStreet BTP700 suspended lighting system

## Dimensional drawing



BTP700 GRN15/830 BK

## General information (1/2)

Order code	Product family code	Lamp family code	Light source color	Light source replaceable	Driver included	Mech. impact protection code	Optic type	Optical cover/lens type	Color	Coating	Dimmable
910925451212	BTP700	GRN15	830	false	true	IK08	WB	PCC	BK	No	Yes
910925451312	BTP700	GRN16	740	false	true	IK08	WB	PCC	DGR	No	Yes
910925451412	BTP700	GRN16	740	false	true	IK08	WB	PCC	BK	No	Yes
910925710712	BTP700	GRN15	830	false	true	IK08	WB	PCC	DGR	No	Yes

## General information (2/2)

Order code	Product family code	Glow-wire test	CE mark	ENEC mark	Flammability mark	Design Award Winner mark	ReddotDesign Award Winner mark
910925451212	BTP700	960/5	CE	ENEC	F	DAW-2011	RDDAW-2011
910925451312	BTP700	960/5	CE	ENEC	F	DAW-2011	RDDAW-2011
910925451412	BTP700	960/5	CE	ENEC	F	DAW-2011	RDDAW-2011
910925710712	BTP700	960/5	CE	ENEC	F	DAW-2011	RDDAW-2011

## Accessories



**ZTP700 TBL S**  
Tumbuckle small



**ZTP700 TBL L**  
Tumbuckle large



**ZTP700 CPY**  
Coupling piece Y-shape



**ZTP700 BUSH**  
Bush



**ZTP700 WCP DGR**  
Wall coupling piece



**ZTP700 CPX DGR**  
Coupling piece X-shape

## Accessories



ZTP700 WDG

Wedge

## Accessories

Order code	Product family code	Description
910925259212	ZTP700 CPX DGR	-
910925259312	ZTP700 CPX BK	-
910925258812	ZTP700 CPY	-
910925259012	ZTP700 WCP DGR	-
910925259112	ZTP700 WCP BK	-

Order code	Product family code	Description
910925258912	ZTP700 BUSH	-
910925258612	ZTP700 TBL S	-
910925258712	ZTP700 TBL L	-
910925259412	ZTP700 WDG	-



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data subject to change