



# UrbanMoon – Iconic city beautification

## UrbanMoon

For urban municipalities looking for lighting solutions that combine functional road lighting and beautiful design, UrbanMoon is the perfect solution. With our LEDgine platform ensuring the desired light distribution, all functional lighting requirements can be met. Visually, UrbanMoon blends in with the city's architecture during the day – and at night the glow effect highlights its iconic design.

### Benefits

- Creates a comfortable atmosphere at night
- Suitable for a variety of application areas
- Choice of mounting options

### Features

- Glowing uplight
- Round LED module highlights luminaire design
- Choice of different light distributions
- Post-top mounting or catenary suspension

### Application

- Urban traffic roads and streets
- City centers
- Residential areas

### Specifications

<b>Type</b>	BPS791 (post top version) BSS791 (suspended version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	21 up to 80 W

<b>Correlated Color</b>	3000 K (Warm white)
<b>Temperature</b>	4000 K (Neutral white)
<b>Luminous flux</b>	2000 up to 8000 lm (for GreenLine)
<b>Luminaire efficacy</b>	Up to 107 lm/W (for 4000 K)

<b>Color Rendering Index</b>	84 (3000 K)
	76 (4000 K)
<b>Lumen maintenance at median useful life* 100000 h</b>	GreenLine: min L80
<b>Lumen maintenance at median useful life* 75000 h</b>	EconomyLine: min L80
<b>Control gear failure rate at median useful life 100000 h</b>	GreenLine: 10%
<b>Control gear failure rate at median useful life 75000 h</b>	EconomyLine: 7.5%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-20 to +25 °C (GRN70 and GRN80 Ta = 15 °C)
<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Inrush current</b>	6 A / 800 µs
<b>Dimming</b>	LumiStep
	DynaDimmer
	SDU
	External Dimming 1-10 V and DALI
	StarSense RF AmpDim

<b>Optic</b>	Metronomis distribution medium (MDM)
	Metronomis distribution wide (MDW)
	Metronomis distribution symmetrical (MDS)
	Metronomis distribution asymmetrical (MDA)
	Distribution wet road (DK)
	Distribution symmetrical wide (DSW)
<b>Optical cover</b>	Hard glass, tempered
	Material
	Canopy: PMMA, impact resistant
	Top flange: cast aluminum
	Heat sink: cast aluminum
	Cover: hard glass, tempered
<b>Color</b>	Opal inner sleeve: PE
	Canopy: transparent
	Top flange and cap: light gray
<b>Maintenance</b>	Inner sleeve: opal
	Two sizes of screwdrivers for all maintenance activities (Torx20, Torx25)
<b>Installation</b>	BPS791 delivered with 10.5 m cable
	BSS791 connection is made in top flange
	Recommended mounting height: 4 to 10 m
	Standard tilt angle: 0°
<b>Cable gland</b>	Max SCx: 0,1 m²
	BSS791 in top flange: 1 x PG11

## Versions

UrbanMoon BPS791 pedestrian luminaire, pole mounted version



UrbanMoon BSS791 pedestrian luminaire, suspended version



Product details

OPDP\_BDS791i\_0001-Detail  
photo



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
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General Information

Luminaire light beam spread	180°
CE mark	CE mark
Light source color	830 warm white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Mechanical and Housing

Color	Opal
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General Information

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
919008630957	BPS791 GRN70/830 II DK CLO- DDF6 60P C10	GRN70	Distribution wet road (DK)	BPS791
919008630993	BSS791 GRN80/830 II DSW CLO	GRN80	Distribution wide	BSS791

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
919008630957	BPS791 GRN70/830 II DK CLO-DDF6 60P C10	7000 lm	919008630993	BSS791 GRN80/830 II DSW CLO	8000 lm

