



# CitySwan LED – distinctive and elegant

## CitySwan LED

The beautiful CitySwan LED luminaire was designed by Danish architects Bjarne Schläger, light + architecture and Morten Weeke Borup, GHB Landskabsarkitekter A/S. Its simple shape, minimal materials, clean lines and white opal 'lampshade' make it a discreet yet visible presence in any city environment. At night CitySwan LED illuminates streets and spaces with soft, functional light. It can also be used to create colorful light moods in order to emphasize local identity or give urban spaces an innovative setting. The distinctive and elegant CitySwan LED luminaire is suitable for pole or wall mounting and is also available as a bollard.

### Benefits

- Patented glowing lighting technology to provide color-based guidance or communication
- Winner of several design prizes, including a red dot design award, the German Design Prize 2009 and the Danish Design Award 2010
- Future-proof: LED engine and driver serviceable and upgradeable

### Features

- LEDGINE inside – state-of-the-art, future-proof LED technology
- Elegant design suits any urban setting
- CitySwan is part of our Urban Styling solutions which are designed for a diversity of uses and lighting scenarios while giving cities a consistent identity. It offers combinations with a range of bollards, wall-mounted and street lighting solutions, including mast and brackets.

## Application

- Residential streets
- Pedestrian and cycle paths
- Minor roads

## Specifications

<b>Type</b>	BRS439 (side entry version) BWS439 (version for wall bracket)
<b>Light source</b>	Build-in LED-module
<b>Power (steady state in W, +/- 10%)</b>	18 up to 108 W
<b>Correlated Color</b>	3000 K (Warm white)
<b>Temperature</b>	4000 K (Neutral white)
<b>Luminous flux</b>	GreenLine: 1600 up to 7808 lm EconomyLine: 2322 up to 11329 lm
<b>Luminaire efficacy</b>	Up to 79 lm/W (for 3000 K) Up to 104 lm/W (for 4000 K)
<b>Color Rendering Index</b>	84 (3000 K) 76 (4000 K)
<b>Maintenance of lumen output - L80F10</b>	Green Line 100,000 hours Economy Line 70,000 hours
<b>Operating temperature range</b>	-20 °C to +25 °C
<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Inrush current</b>	130 A / 165 µs (50%)
<b>Dimming</b>	LumiStep: 6 and 8 hours DynaDimmer SDU External Dimming 1-10 V and DALI StarSense RF AmpDim

<b>Optic</b>	Distribution comfort (DC) Distribution medium (DM) Distribution wide (DW) Distribution wet road (DK) Distribution pedestrian crossing right (DP-R) Asymmetrical (A)
<b>Optical cover</b>	Glass, flat
<b>Material</b>	Housing: PMMA, impact resistant Pipe thread: aluminum, extruded Heat sink: cast aluminum Cover: glass, tempered
<b>Color</b>	Housing standard: opaque
<b>Installation</b>	Delivered with 10.5 m cable (BRS439) and 4.5 m cable (BWS439) Recommended mounting height: 4 to 8 m Standard tilt angle: 0° Max SCx: 0,08 m²
<b>Accessories</b>	Wall brackets for version BWS439
<b>Remarks</b>	BWS439: order wall bracket separately

### General Information

<b>Driver included</b>	Yes
<b>Product Family Code</b>	BRS639

## General Information

Order Code	Full Product Name	Light source color	Lamp family code	Optic type
919008632835	BRS639 GRN20-3S/740 II MDW DDF1 C10K	740 neutral white	GRN20	Metronomis distribution wide
919008632840	BRS639 LW1 GRN16-3S/830 II MDM C10K	830 warm white	GRN16	Metronomis distribution medium

Order Code	Full Product Name	Light source color	Lamp family code	Optic type
919008632845	BRS639 GRN60-3S/740 II MDW CLO-DDF6 C10K	740 neutral white	GRN60	Metronomis distribution wide
919008632871	BRS639 GRN20-3S/830 II MDW CLO C10K FQQ	830 warm white	GRN20	Metronomis distribution wide

