



# CitySwan LED – distinctive and elegant

## CitySwan LED gen3

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.

# CitySwan LED gen3

## 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>	Built-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

## Versions



CitySwan LED gen3 - LED module  
4000 lm - 830 warm white -  
Safety class II - Metronomis  
distribution medium - Flat glass -  
Opal - Cable 10 m without plug



CitySwan LED gen3 - LED module  
6000 lm - 830 warm white -  
Safety class II - Metronomis  
distribution symmetrical - Flat  
glass - Opal - Cable 10 m without  
plug

# CitySwan LED gen3

## Versions



CitySwan LED gen3 - LED module  
4000 lm - 830 warm white -  
Safety class II - Metronomis  
distribution medium - Flat glass -  
Opal - Cable 10 m without plug



CitySwan LED gen3 - LED module  
4000 lm - 830 warm white -  
Safety class II - Metronomis  
distribution symmetrical - Flat  
glass - Opal - Cable 10 m without  
plug



CitySwan LED gen3 - LED module  
4000 lm - 830 warm white -  
Safety class II - Metronomis  
distribution symmetrical - Flat  
glass - Opal - Cable 10 m without  
plug

## Product details



CitySwan LED gen3 BPS639



CitySwan LED gen3 BPS639



CitySwan LED gen3 BSS639



CitySwan LED gen3 BRS639

## Application Conditions

Maximum dim level	50%
-------------------	-----

## Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode

## General Information

Luminaire light beam spread	-
CE mark	CE mark
Light source color	830 warm white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes

## 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
-------	------

## Controls and Dimming

Order Code	Full Product Name	Dimmable
919008635813	BPS639LED40/830IIGLMDML-BACKCLOSRTBC10K	Wireless Dim
919008635816	BPS639 LED40/830 II GL-MDM CLO-SRTB C10K	Wireless Dim
919008635814	BSS639 LED60/830 II GL-MDS CLO SRTB C10K	Wireless Dim
919008635817	BPS639 LED40/830 II GLMDM L-BACK CLOC10K	No
919008635818	BRS639 LED40/830 II GL-MDS CLO SRTB C10K	Wireless Dim
919008635819	BRS639 LED40/830 II GL-MDS CLO C10K	No

## General Information

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
919008635813	BPS639LED40/830IIGLMDML-BACKCLOSRTBC10K	LED40	Metronomis distribution medium	BPS639
919008635816	BPS639 LED40/830 II GL-MDM CLO-SRTB C10K	LED40	Metronomis distribution medium	BPS639
919008635814	BSS639 LED60/830 II GL-MDS CLO SRTB C10K	LED60	Metronomis distribution symmetrical	BSS639

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
919008635817	BPS639 LED40/830 II GLMDM L-BACK CLOC10K	LED40	Metronomis distribution medium	BPS639
919008635818	BRS639 LED40/830 II GL-MDS CLO SRTB C10K	LED40	Metronomis distribution symmetrical	BRS639
919008635819	BRS639 LED40/830 II GL-MDS CLO C10K	LED40	Metronomis distribution symmetrical	BRS639

