



CitySpirit Street – reveal the spirit of your City

CitySpirit Street LED

CitySpirit Street is part of the CitySpirit gen2 range, a hybrid range designed to provide excellent, environmentally friendly lighting without compromising on architectural appearance. The range consists of indirect lighting solutions, such as the Cone, Torch, Modern Lantern, Classic Lantern, Wall-mounted and Bollards and a direct lighting solution, namely CitySpirit Street and CitySpirit Street LED. CitySpirit Street LED incorporates our LEDGINE module, providing a long-lasting solution that can be upgraded simply by replacing the module. This enables significant energy savings through 1-to-1 replacement of HID installations without any compromise on lighting quality or safety. Together with its constant light output and dimming functionality, the LED version ensures the highest operational efficiency.

Benefits

- Significant energy savings (up to 80% compared to HPL) without compromising on quality of light
- Serviceable and upgradeable within 1 minute – capitalize immediately on increasing LED efficiencies
- Uniform light distribution with no risk of black spots when LEDs fail

Features

- Choice of conventional or LED light sources (upgradeable LED light engine)
- Variety of optics addressing maximum spacing and visual comfort
- The LED version is also available with a transparent ring that can be colored by LED's in blue or white

Application

- City centers and squares
- Residential and pedestrian areas
- Promenades

CitySpirit Street LED

Specifications

Type	BDS480
Light source	Integral LED-module
Power (system)	GreenLine (GRN): 16-90 W depending on configuration EconomyLine (ECO): 27-109 W depending on configuration
Luminous flux (system)	GreenLine: 1250- 6715 lm EconomyLine: 2200-8850 lm
Luminaire efficacy	Up to 98 lm/W
Correlated Color Temperature	LED engine: 3000 K (warm white), 4000 K (neutral white)
Color Rendering Index	Colored module: deep blue or neutral white ≥ 76, neutral white ≥ 84, warm white
Maintenance of lumen output - L80F10	GreenLine: 100,000 hours EconomyLine: 70,000 hours
Driver failure rate	0.05% per 5000 hours
Operating temperature range	- 40 °C < Ta < 45 °C
Driver	Built-in (self ballasted LED-module)
Main voltage	210-240 V / 50-60 Hz
Dimming	CLO
Controls system input	1-10 V and DALI
Options	Dimming: - LumiStep, 6 and 8 hours - DynaDimmer - SDU Photocell: minicell, 35, 55, 70 lux

Optic	Road narrow (DN), road medium (DM), road wide (DW), road comfort (DC), road wet (DK), asymmetric (A) or rotation symmetric (S)
Optical cover	Flat glass, extra white
Material	Frame, housing and spigot: die-cast aluminum Clips, screws, clamps: stainless steel Internal optic: PMMA Internal heat sink: high-pressure extruded aluminum, non-corrosive
Color	Philips ultra-dark grey 10714, approx. RAL7022 Other RAL or AKZO Futura colors available on request
Maintenance	Fast, toolless replacement of LED engine and driver
Installation	Post-top mounting: axial entry Ø 60-76 mm (76P) Recommended mounting height: 4-6 m Standard tilt angle post top: 5° Max SCx: 0,055 m
Cable gland	M 20
Accessories	Dedicated mast and brackets available for different mounting possibilities

Versions



CitySpirit Street LEDGINE BDS480 urban-lighting luminaire

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Product details



Accessories



CitySpirit Street LED

Approval and Application		Application Conditions	
Mech. Impact protection code	IK09	order code	Average ambient temperature
Controls and Dimming		910505016635	35 °C
Dimmable	Yes	910505016636	35 °C
General Information		910505016637	35 °C
CE mark	CE mark	910505016638	35 °C
Color	Gray	910505016639	35 °C
Parts color	-	910505016640	35 °C
Coating	-	910505016641	35 °C
Optical cover/lens type	Flat glass	910505016642	35 °C
Driver included	Yes	910505016643	35 °C
ENEC mark	ENEC mark	910505016644	35 °C
Glow-wire test	Temperature 850 °C, duration 5 s	910505016645	35 °C
Green Flagship mark	Green Flagship	910505016646	35 °C
Light source replaceable	Yes	910505016647	35 °C
Lamp version	3S	910505016648	35 °C
Product Family Code	BDS480	910505016649	35 °C
Light Technical		910505016650	35 °C
Standard tilt angle posttop	5°	910505016651	35 °C
		910505016652	35 °C
		910505016653	35 °C
		910505016654	35 °C
		910505016655	35 °C
		910505016656	35 °C
		910505016657	35 °C
		910505016658	35 °C
		910505016659	35 °C
		910505016660	35 °C
		910505016661	35 °C
		910505016662	35 °C
		910505016663	35 °C
		910505016664	35 °C
		910505016665	35 °C
		910505016666	15 °C
		910505016667	15 °C
		910505016668	15 °C
		910505016669	15 °C
		910505016670	15 °C
		910505016671	15 °C
		910505016672	15 °C
		910505016673	15 °C
		910505016674	35 °C
		910505016675	15 °C
		910505016676	25 °C
		910505016677	25 °C

General Information

order code	Light source color	Lamp family code	Optic type	order code	Light source color	Lamp family code	Optic type
910505016635	740 neutral white	GRN49	Distribution comfort	910505016638	830 warm white	GRN56	Distribution comfort
910505016636	740 neutral white	GRN59	Distribution comfort	910505016639	830 warm white	GRN56	Distribution comfort
910505016637	830 warm white	GRN48	Distribution comfort	910505016640	740 neutral white	GRN49	Distribution medium

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order code	Light source color	Lamp family code	Optic type
910505016641	740 neutral white	GRN59	Distribution medium
910505016642	740 neutral white	GRN68	Distribution medium
910505016643	740 neutral white	GRN49	Distribution wide
910505016644	740 neutral white	GRN59	Distribution wide
910505016645	740 neutral white	GRN68	Distribution wide
910505016646	740 neutral white	GRN59	Symmetrical
910505016647	740 neutral white	GRN68	Symmetrical
910505016648	830 warm white	GRN32	Distribution wide
910505016649	830 warm white	GRN40	Distribution wide
910505016650	830 warm white	GRN48	Distribution wide
910505016651	740 neutral white	ECO71	Distribution medium
910505016652	740 neutral white	ECO71	Distribution wide
910505016653	740 neutral white	ECO57	Distribution medium
910505016654	740 neutral white	ECO57	Distribution wide
910505016655	740 neutral white	ECO42	Distribution medium
910505016656	740 neutral white	ECO42	Distribution wide
910505016657	830 warm white	ECO58	Distribution wide
910505016658	830 warm white	ECO46	Distribution wide
910505016659	830 warm white	ECO35	Distribution medium

order code	Light source color	Lamp family code	Optic type
910505016660	830 warm white	ECO58	Distribution narrow
910505016661	830 warm white	ECO35	Distribution wide
910505016662	740 neutral white	GRN78	Distribution medium
910505016663	830 warm white	GRN56	Distribution medium
910505016664	740 neutral white	ECO113	Distribution medium
910505016665	830 warm white	ECO93	Distribution medium
910505016666	740 neutral white	GRN39	Distribution wide
910505016667	740 neutral white	GRN39	Distribution medium
910505016668	740 neutral white	GRN59	Distribution wide
910505016669	740 neutral white	GRN59	Distribution medium
910505016670	740 neutral white	GRN78	Distribution wide
910505016671	740 neutral white	GRN78	Distribution medium
910505016672	740 neutral white	ECO85	Distribution wide
910505016673	740 neutral white	ECO85	Distribution medium
910505016674	740 neutral white	ECO113	Distribution wide
910505016675	740 neutral white	ECO113	Distribution medium
910505016676	830 warm white	ECO35	Distribution comfort
910505016677	830 warm white	ECO58	Distribution medium

Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature
910505016635	4000 K
910505016636	4000 K
910505016637	3000 K
910505016638	3000 K
910505016639	3000 K
910505016640	4000 K
910505016641	4000 K
910505016642	4000 K
910505016643	4000 K
910505016644	4000 K
910505016645	4000 K
910505016646	4000 K
910505016647	4000 K
910505016648	3000 K
910505016649	3000 K
910505016650	3000 K
910505016651	4000 K
910505016652	4000 K
910505016653	4000 K
910505016654	4000 K
910505016655	4000 K
910505016656	4000 K

order code	Init. Corr. Color Temperature
910505016657	3000 K
910505016658	3000 K
910505016659	3000 K
910505016660	3000 K
910505016661	3000 K
910505016662	4000 K
910505016663	3000 K
910505016664	4000 K
910505016665	3000 K
910505016666	4000 K
910505016667	4000 K
910505016668	4000 K
910505016669	4000 K
910505016670	4000 K
910505016671	4000 K
910505016672	4000 K
910505016673	4000 K
910505016674	4000 K
910505016675	4000 K
910505016676	3000 K
910505016677	3000 K

