



CitySoul gen2 LED Large

BGP531 T25 LED 150-4S/830 II DX10 FG AL DDF2 SRG10 SR

CitySoul gen2 Large - LED module 15000 lm - 830 warm white - Power supply unit with DynaDimmer DDF2 - Safety class II - Distribution extra wide 10 - Clear glass - Gray - Surge protection level until 10kV

CitySoul gen2 LED is one of the most versatile and inspirational urban street lighting families designed by Philips to date. This highly efficient range delivers excellent lighting levels whilst also providing the right ambiance for all urban application areas, from the outskirts of the city right through to the city center. By evolving the modularity of the CitySoul family and adding new innovations like the Accent bracket, Philips has made this range the ideal toolbox for every urban context. The design is flatter, completely round, and the transitions with the spigot and bracket entirely flush, thereby giving your cityscape a coherent, elegant and discreet identity. Thanks to the built in Philips Ledgene optimized LED platform, and the wide range of available application-tailored optics, CitySoul LED gen2 delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future ready. What this means is that CitySoul LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. CitySoul LED gen2 can also be equipped with our dedicated light recipe that preserves a dark night sky.

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Product data

General Information	
Number of light sources	-
Lamp family code	LED150 [LED module 15000 lm]
Light source color	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DynaDimmer DDF2
Driver included	Yes
Optical cover/lens type	Clear glass
Luminaire light beam spread	-
Control interface	System ready (SR), DALI 2.0/LSO, 24 VDC, IP66, 4 pin
Connection	Screw connection block
Cable	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution extra wide 10
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type 8 B	
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BGP531 [CitySoul gen2 Large]

Light Technical

Upward light output ratio	0.00
Standard tilt angle posttop	-
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.98

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Accent bracket JRP 534 MBP
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	100 mm
Overall diameter	735 mm
Effective projected area	0.061 m²
Color	Gray
Dimensions (Height x Width x Depth)	100 x NaN x NaN mm (3.9 x NaN x NaN in)

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 10kV

Initial Performance (IEC Compliant)

Initial luminous flux(system flux)	12000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	103 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	116 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* L88 100000 h	

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Full product code	
Order product name	BGP531 T25 LED 150-4S/830 II DX10 FG AL DDF2 SRG10 SR
EAN/UPC - Product	
Order code	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	
Net Weight (Piece)	18.000 kg



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Polar intensity diagram

