



# CityMood

## BSP672 LED30/722 PCC II DM50 G1 SRT BK

CityMood, Urban road & street light, 26.1 W, 2760 lm, 2200 K, CRI70, Distribution medium 50, Safety class II, IP66, SL-PDR, STD

CityMood draws its inspiration from the street lamps of the early 20th century, which combined a conical bowl with a suspended canopy. CityMood preserves your city heritage by keeping the distinctive design characteristics of these iconic luminaires. CityMood integrates smoothly into existing infrastructures, poles, and brackets, and reduces energy costs without sacrificing safety, performance, or quality of light. The LEDGINE - O comes as a standard feature, with light output ranging from 900 lm to 16200 lm, a choice of more than 30 optics and distributions, and a range of CCTs and CRIs. Designed for mounting heights of 4 m to 8 m, CityMood is ideal for a wide range of outdoor lighting applications in both contemporary and historical environments. Future-proof and ready to participate in smart city ecosystems, CityMood helps you make progress toward your sustainability goals, wherever you happen to be in your digitalization journey. CityMood is available with one or two Zhaga-D4i (ZD4i) system-ready (SR) sockets and is therefore ready to pair with advanced lighting management systems such as Interact, or with sensors such as the Outdoor Sensor Bundle (OSB). Every CityMood luminaire is uniquely identifiable via the Signify Service tag app. Simply scan a QR code placed inside the mast door or directly on the luminaire to instantly access the luminaire configuration. Service tag makes maintenance and programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts. Toolless opening versions provide direct access to the gear and light engine.

### Product data

General Information		Number of gear units	1 unit
Lamp family code	LED30 [LED module 3000 lm]	Driver included	Yes

Light source engine type	LED
Service tag	Yes
Value ladder	Performance
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
Warranty period	5 years
Sustainability rating	Unclassified

#### Light Technical

Upward light output ratio	2
Luminous Flux	2,760 lm
Correlated Color Temperature (Nom)	2200 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	70
Light source color	722 warm white
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 50
Effective projected area	0.13 m <sup>2</sup>

#### Sustainability Data

Product non-virgin material ratio	10.6 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)

#### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	300 ms
Power Consumption	26.1 W
Power Factor (Fraction)	0.96
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	21
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Standard surge protection level

#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
Control interface	-

Constant light output	No
DALI Standard	D4i™ DALI-2™
Maximum dim level	Not applicable
Embedded control	-

#### Mechanical and Housing

Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Black
Mounting device	Suspension set simple, standard
Optical cover shape	Conical
Optical cover finish	Clear
Reflector Finish	-
Overall height	596 mm
Overall diameter	537 mm
Parts color	-
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Polycarbonate bowl/cover clear
Net Weight (Piece)	12.000 kg

#### Emergency Operation

Central Emergency	No
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#### Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC plus mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	3.5 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 °C to 50 °C

#### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.520,0.4156) SDCM<=5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM<=5

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
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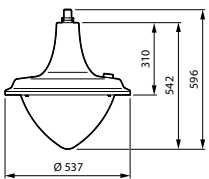
Lumen maintenance (EN-IEC 62722-2-1) L98  
at median useful life\* 100000 h

**Product Data**

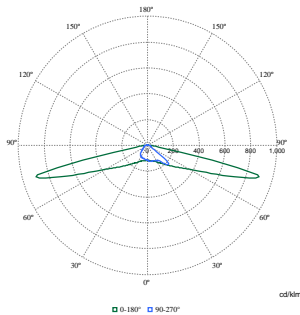
Order product name	BSP672 LED30/722 PCC II DM50 G1 SRT BK
Full product name	BSP672 LED30/722 PCC II DM50 G1 SRT BK
Full product code	872016956842600
Order code	912300060507

Material Nr. (12NC)	912300060507
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169568426
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169568426
Product family code	BSP672 [CityMood]

**Dimensional drawing**



**Photometric data**



Polar Normal (separate) - BSP672I - 912300060507

