



# CityMood

## BSP672 LED80/730 FG II DM10 G1 BK

CityMood, Urban road & street light, 46.2 W, 7200 lm, 3000 K, CRI70, Distribution medium 10, 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 16,200 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 towards your sustainability goals, wherever you happen to be in your digitalisation 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	Unit
Lamp family code	LED80 [LED module 8000 lm]	Driver included	Yes

Light source engine type	LED
Service Tag	Yes
Value ladder	Performance
Serviceability class	Class A, the 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	Signify Circle

### Light Technical

Upwards light output ratio	0
Luminous Flux	7,200 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	156 lm/W
Colour rendering index (CRI)	70
Light source colour	730 warm white
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 10
Effective projected area	0.07 m <sup>2</sup>

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	260 ms
Power Consumption	46.2 W
Power Factor (Fraction)	0.96
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB (16 A type B)	10
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 (On/Off)
Control interface	-
Constant light output	No
DALI standard	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/lens material	Glass
Fixation material	-
Housing Colour	Black

Mounting device	Suspension set simple, standard
Optical cover/lens shape	Conical
Optical cover/lens finish	Clear
Reflector finish	-
Overall height	364 mm
Overall diameter	537 mm
Parts colour	-
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Optical cover type	Flat glass
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	(0.434,0403) SDCM<5
Power consumption tolerance	+/-10%
Init. Colour Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

### Over Time Performance (IEC Compliant)

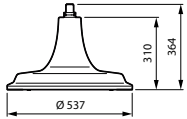
Control gear failure rate at median useful life 10 % 100,000 h	
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L98

### Product Data

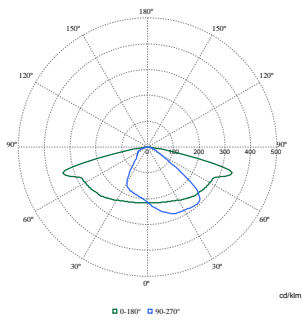
Order product name	BSP672 LED80/730 FG II DM10 G1 BK
Full product name	BSP672 LED80/730 FG II DM10 G1 BK
Full EOC	872016956849500
Order code	912300060514
Material no. (12 NC)	912300060514
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169568495
Numerator – packs per outer box	1

EAN/UPC - Case	8720169568495
Product family code	BSP672 [CityMood]

## Dimensional drawing



## Photometric data



Polar Normal (separate) - BSP672I - 912300060514

