



UrbanFlex

BPP732 LED60-4S/730 II PSD D9 DM50 FG DG

UrbanFlex, Urban road & street light, 38 W, 5220 lm, 3000 K, CRI70, DALI, Distribution medium 50, Safety class II, IP66, SRG6-6

Cities want to be attractive, welcoming, and safe places where residents thrive, businesses prosper, and people love to visit. It's the reason we designed UrbanFlex – a flexible street lighting solution for all types of urban applications. UrbanFlex is designed for customers looking for ways to achieve uniformity in design and quality of light with elegant, energy efficient and sustainable products. The UrbanFlex signature style is modern and flawless to give your cityscape a visually coherent, elegant and distinctive identity. Available in two popular sizes, it also comes with a range of mountings and dedicated brackets and poles. And because we're conscious about the impact of light on the environment and biodiversity, we have also equipped UrbanFlex with our dedicated light recipe to preserve dark skies. Thanks to the built in LEDGINE-O platform, and the wide range of application-tailored optics, UrbanFlex delivers best-in-class performance in a broad range of city lighting applications. By being System Ready, this luminaire offers connectivity and dimming options, while it can be paired with lighting management systems like Interact, and any existing and upcoming sensors innovations. In addition, every UrbanFlex luminaire is uniquely identifiable, thanks to the Signify Service tag app, making maintenance and programming operations faster and easier, and enabling you to create a digital library of lighting assets and spare parts.

Product data

General Information		Lighting Technology	
Driver included	Yes	Light source engine type	LED
Lamp family code	LED60 [LED module 6000 lm]	Service tag	Yes
Light source replaceable	Yes		
Number of gear units	1 unit		

Value ladder	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	0.01
Luminous Flux	5,220 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	137 lm/W
Color rendering index (CRI)	70
Light source color	730 warm white
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 50
Effective projected area	0.0256 m ²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	38 W
Power Factor (Fraction)	0.97
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	10
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Mounting bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	545 mm
Overall width	260 mm
Overall height	68 mm
Dimensions (Height x Width x Depth)	68 x 260 x 545 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]

Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Flat glass
Net Weight (Piece)	7.000 kg

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.434, 0.403) 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 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

Sustainability Data

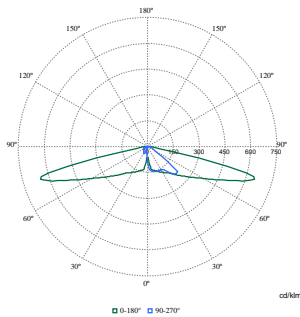
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Product Data

Order product name	BPP732 LED60-4S/730 II PSD D9 DM50 FG DG
Full product name	BPP732 LED60-4S/730 II PSD D9 DM50 FG DG
Full product code	871951424072800
Order code	912300060122
Material Nr. (12NC)	912300060122
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514240728
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514240728
Product family code	BPP732 [UrbanFlex small]

Dimensional drawing

Photometric data



Polar Normal (separate) - BGP730I - 912300060122

