



UrbanFlex: uniform design and quality of light for every urban area

UrbanFlex

Today's modern cities are looking to be more attractive, welcoming, convenient and safe. These characteristics help ensure that inhabitants want to live in the city, businesses can maximise their prosperity and visitors can better enjoy their stay. For these reasons, we designed UrbanFlex: a visually coherent and flexible lighting solution to perfectly fit a wide range of urban applications. The signature style is modern and minimal, thereby giving your cityscape a visually coherent, elegant and discrete identity. UrbanFlex is available in two sizes and offers a large diversity of mountings and dedicated brackets and poles. Thanks to the built-in Philips Ledgine optimised LED platform, and the wide range of available application-tailored optics, UrbanFlex delivers best-in-class lighting performance in a broad range of applications. By being System Ready, our luminaire offers connectivity and dimming options while it can be paired with lighting management systems such as Interact City or existing and upcoming sensor innovations. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. As a company conscious about the impact of light on the environment and biodiversity, we also equipped UrbanFlex with our dedicated light recipe that preserves a dark night sky. UrbanFlex is designed for customers looking for ways to achieve uniformity in design and quality of light with elegant, energy-efficient and sustainable products.

Benefits

- Coherent and flexible solution for a wide range of urban applications
- Future-ready thanks to the SR (System Ready) socket
- Equipped with a Service tag, a QR-based identification system that makes each luminaire
- uniquely identifiable and provides maintenance, installation and spare part information
- The luminaire is also equipped with dedicated light recipes that help preserve a dark night sky and reduce light pollution

Features

- Distinguished, flawless, modern design
- A broad range of elegant, dedicated or standard complete sets (includes rectangular poles, Lyre and Accent brackets, post-top and side-entry versions)
- Efficacy up to 157 lm/W, L-Tune to optimise flux level
- Designed for nature and night skies: ClearField and ClearStar light recipes with DarkSky-approved warm CCTs (2200K / 2700K / 3000K)
- Large choice of beams, internal louvres to minimise glare
- Ready to be connected to the Interact lighting-management software or paired with third-party lighting management systems and sensors

Application

- Road and Street
- Parks and squares
- Residential
- Main urban roads and streets, side and residential roads and streets
- City centres and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

Versions



UrbanFlex small BPP730 with
posttop spigot



UrbanFlex small BGP730 for
rectangular pole



UrbanFlex micro BRP729 with side
entry spigot

Versions



UrbanFlex micro BVP729 with
Accent bracket



UrbanFlex micro BGP729 for
rectangular pole

Dimensional drawing

Dimensional drawing

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Luminaire light beam spread	-
Upwards light output ratio	0.01
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Flat glass
Housing Colour	Grey
Mech. impact protection code	IK09
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle post-top	-
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Lamp family code
24071100	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	LED100
24070400	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	LED100
24064300	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	LED30
24067400	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	LED20
24065000	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	LED20
24073500	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	LED60

Light Technical (1/2)

Order Code	Full Product Name	Light	Correlated	Colour rendering index (CRI)	Luminous Flux
		source colour	Colour Temperature (Nom)		
24071100	BPP730	722 warm	2200 K	70	8,800 lm
	LED100-4S/722 II	white			
	PSD D9 DM11 FG S				
24070400	BRP730	727 warm	2700 K	70	8,300 lm
	LED100-4S/727 II	white			
	PSD D9 DS51 FG S				

Order Code	Full Product Name	Light	Correlated	Colour rendering index (CRI)	Luminous Flux
		source colour	Colour Temperature (Nom)		
24064300	BGP729	730 warm	3000 K	70	2,640 lm
	LED30-4S/730 II	white			
	PSD D9 DM50 FG SR				
24067400	BVP729	830 warm	3000 K	80	1,740 lm
	LED20-4S/830 II	white			

Order Code	Full Product Name	Light source colour	Correlated		
			Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous Flux
24065000	PSD D9 DM50 FG DG				
	BRP729	727 warm	2700 K	70	1,660 lm
	LED20-4S/727 II	white			
	PSD D9 DS51 FG DG				

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
24071100	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	Distribution medium 11
24070400	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	Distribution symmetrical DS51
24064300	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	Distribution medium 50

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
24071100	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	85 W	Surge protection level until 10 kV differential mode and 10 kV common mode
24070400	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	72 W	Surge protection level until 10 kV differential mode and 10 kV common mode
24064300	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	19.6 W	Surge protection level until 10 kV differential mode and 10 kV common mode

Product Data

Order Code	Full Product Name	Product family code
24071100	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	BPP730
24070400	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	BRP730
24064300	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	BGP729

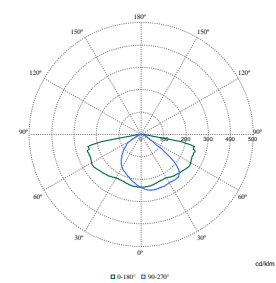
Order Code	Full Product Name	Light source colour	Correlated		
			Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous Flux
24073500	BVP730	740	4000 K	70	5,280 lm
	LED60-4S/740 II	neutral			
	PSD D9 DM50 FG DG	white			

Order Code	Full Product Name	Optic type outdoor
24067400	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	Distribution medium 50
24065000	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	Distribution symmetrical DS51
24073500	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	Distribution medium 50

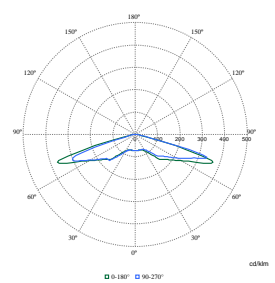
Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
24067400	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	16.4 W	Surge protection level until 6 kV differential mode and 6 kV common mode
24065000	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	15.2 W	Surge protection level until 6 kV differential mode and 6 kV common mode
24073500	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	36 W	Surge protection level until 6 kV differential mode and 6 kV common mode

Order Code	Full Product Name	Product family code
24067400	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	BVP729
24065000	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	BRP729
24073500	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	BVP730

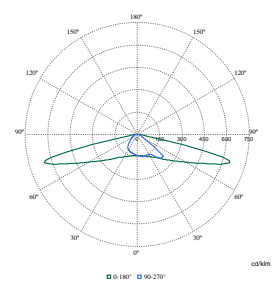
Polar Wide Diagrams



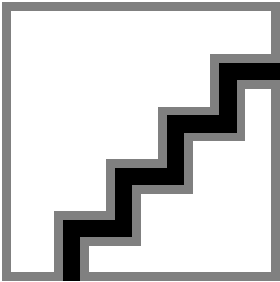
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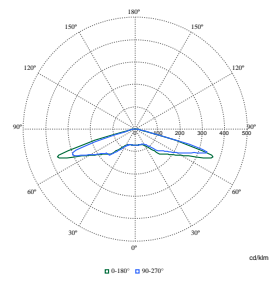
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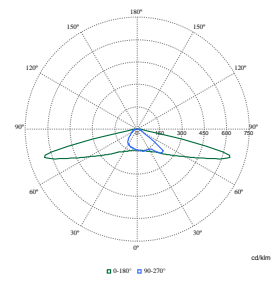
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Polar Normal (separate) - BGP729I - 912300060114



Polar Normal (separate) - BGP729I - 912300060115



Polar Normal (separate) - BGP729I - 912300060117

