

**PHILIPS**

**Lighting**



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

## **UrbanFlex**

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 programing operations faster and easier, and enabling you to create a digital library of lighting assets and spare parts.

# UrbanFlex

## Benefits

- Coherent and flexible solution for all urban applications
- Future-ready thanks to the System Ready (SR) Zhaga socket
- Dedicated light recipes to preserve dark skies, provide optimized ecosystem for bats and reduce light pollution
- Service tag for easy installation and maintenance

## Features

- Distinguished, flawless, modern design
- 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 optimize 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 louvers to minimize 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 Plazas
- Residential
- Main urban roads and streets, side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

## Versions



UrbanFlex small BRP730 with side entry spigot



UrbanFlex small BPP730 with posttop spigot



UrbanFlex small BGP730 for rectangular pole



UrbanFlex micro BRP729 with side entry spigot



UrbanFlex micro BVP729 with Accent bracket

# UrbanFlex

## Versions



UrbanFlex micro BGP729 for  
rectangular pole



UrbanFlex small BPP732 with Lyre  
bracket JRP633

## Dimensional drawing

## Dimensional drawing

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	-
Upward light output ratio	0.01
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Flat glass
Housing Color	Gray
Mech. impact protection code	IK09
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information		Lamp family code
Order Code	Full Product Name	Lamp family code
912300060119	BGP730 LED60-4S/730 II PSD D9 DM50 FG DG	LED60
912300060121	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	LED100
912300060120	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	LED100
912300060114	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	LED30
912300060117	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	LED20
912300060115	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	LED20
912300060116	BPP729 LED20-4S/722 II PSD D9 DM11 FG DG	LED20
912300060118	BPP729 LED30-4S/740 II PSD D9 DM11 FG DG	LED30
912300060123	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	LED60
912300060124	BVP730 LED60-4S/830 II PSD D9 DM50 FG DG	LED60
912300060122	BPP732 LED60-4S/730 II PSD D9 DM50 FG DG	LED60

## Light Technical (1/2)

Order Code	Full Product Name	Correlated		Color	
		Light source	Color	rendering	
				Temperature	index
Order Code	Full Product Name	color	(Nom)	(CRI)	Flux
912300060119	BGP730	730	3000 K	70	5,220 lm
	LED60-4S/730 II	warm			
	PSD D9 DM50 FG	white			
	DG				
912300060121	BPP730	722	2200 K	70	8,800 lm
	LED100-4S/722 II	warm			
	PSD D9 DM11 FG S	white			

Order Code	Full Product Name	Correlated		Color	
		Light source	Color	rendering	
				Temperature	index
Order Code	Full Product Name	color	(Nom)	(CRI)	Flux
912300060120	BRP730	727	warm	2700 K	70
	LED100-4S/727 II	white			
	PSD D9 DS51 FG S				
912300060114	BGP729	730	3000 K	70	2,640 lm
	LED30-4S/730 II	warm			
	PSD D9 DM50 FG	white			
	SR				

Order Code	Full Product Name	Correlated		Color	
		Light	Color	source	Temperature
		color	(Nom)	(CRI)	Flux
912300060117	BVP729	830	3000 K	80	1,740 lm
	LED20-4S/830 II	warm			
	PSD D9 DM50 FG	white			
	DG				
912300060115	BRP729	727	warm	2700 K	70
	LED20-4S/727 II	white			1,660 lm
	PSD D9 DS51 FG				
	DG				
912300060116	BPP729	722	2200 K	70	1,760 lm
	LED20-4S/722 II	warm			
	PSD D9 DM11 FG	white			
	DG				
912300060118	BPP729	740	4000 K	70	2,700 lm
	LED30-4S/740 II	neutral			
	PSD D9 DM11 FG	white			
	DG				

Order Code	Full Product Name	Correlated		Color	
		Light	Color	source	Temperature
		color	(Nom)	(CRI)	Flux
912300060123	BVP730	740	4000 K	70	5,280 lm
	LED60-4S/740 II	neutral			
	PSD D9 DM50 FG	white			
	DG				
912300060124	BVP730	830	3000 K	80	5,220 lm
	LED60-4S/830 II	warm			
	PSD D9 DM50 FG	white			
	DG				
912300060122	BPP732	730	3000 K	70	5,220 lm
	LED60-4S/730 II	warm			
	PSD D9 DM50 FG	white			
	DG				

## Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
912300060119	BGP730 LED60-4S/730 II PSD D9 DM50 FG	Distribution medium 50
	DG	
912300060121	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	Distribution medium 11
912300060120	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	Distribution symmetrical DS51
912300060114	BGP729 LED30-4S/730 II PSD D9 DM50 FG	Distribution medium 50
	SR	
912300060117	BVP729 LED20-4S/830 II PSD D9 DM50 FG	Distribution medium 50
	DG	
912300060115	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	Distribution symmetrical DS51

Order Code	Full Product Name	Optic type outdoor
912300060116	BPP729 LED20-4S/722 II PSD D9 DM11 FG DG	Distribution medium 11
912300060118	BPP729 LED30-4S/740 II PSD D9 DM11 FG	Distribution medium 11
	DG	
912300060123	BVP730 LED60-4S/740 II PSD D9 DM50 FG	Distribution medium 50
	DG	
912300060124	BVP730 LED60-4S/830 II PSD D9 DM50 FG	Distribution medium 50
	DG	
912300060122	BPP732 LED60-4S/730 II PSD D9 DM50 FG	Distribution medium 50
	DG	

## Operating and Electrical

Order Code	Full Product Name	Power		Surge Protection (Common/Differential)	
		Consumption			
912300060119	BGP730 LED60-4S/730	38 W		Surge protection level until 6	
	II PSD D9 DM50 FG DG			kV differential mode and 6	
				kV common mode	
912300060121	BPP730	85 W		Surge protection level until	
	LED100-4S/722 II PSD			10 kV differential mode and	
	D9 DM11 FG S			10 kV common mode	
912300060120	BRP730	72 W		Surge protection level until	
	LED100-4S/727 II PSD			10 kV differential mode and	
	D9 DS51 FG S			10 kV common mode	
912300060114	BGP729 LED30-4S/730	19.6 W		Surge protection level until	
	II PSD D9 DM50 FG SR			10 kV differential mode and	
				10 kV common mode	

Order Code	Full Product Name	Power		Surge Protection (Common/Differential)	
		Consumption			
912300060117	BVP729 LED20-4S/830	16.4 W		Surge protection level until 6	
	II PSD D9 DM50 FG DG			kV differential mode and 6	
				kV common mode	
912300060115	BRP729 LED20-4S/727	15.2 W		Surge protection level until 6	
	II PSD D9 DS51 FG DG			kV differential mode and 6	
				kV common mode	
912300060116	BPP729 LED20-4S/722	17.6 W		Surge protection level until 6	
	II PSD D9 DM11 FG DG			kV differential mode and 6	
				kV common mode	
912300060118	BPP729 LED30-4S/740	18.6 W		Surge protection level until 6	
	II PSD D9 DM11 FG DG			kV differential mode and 6	
				kV common mode	

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060123	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
912300060124	BVP730 LED60-4S/830 II PSD D9 DM50 FG DG	46 W	Surge protection level until 6 kV differential mode and 6 kV common mode

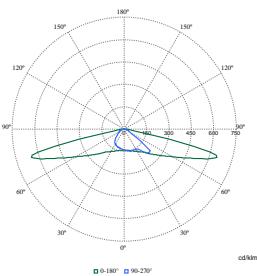
Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060122	BPP732 LED60-4S/730 II PSD D9 DM50 FG DG	38 W	Surge protection level until 6 kV differential mode and 6 kV common mode

## Product Data

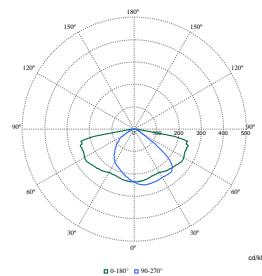
Order Code	Full Product Name	Product family code
912300060119	BGP730 LED60-4S/730 II PSD D9 DM50 FG DG	BGP730
912300060121	BPP730 LED100-4S/722 II PSD D9 DM11 FG S	BPP730
912300060120	BRP730 LED100-4S/727 II PSD D9 DS51 FG S	BRP730
912300060114	BGP729 LED30-4S/730 II PSD D9 DM50 FG SR	BGP729
912300060117	BVP729 LED20-4S/830 II PSD D9 DM50 FG DG	BVP729
912300060115	BRP729 LED20-4S/727 II PSD D9 DS51 FG DG	BRP729

Order Code	Full Product Name	Product family code
912300060116	BPP729 LED20-4S/722 II PSD D9 DM11 FG DG	BPP729
912300060118	BPP729 LED30-4S/740 II PSD D9 DM11 FG DG	BPP729
912300060123	BVP730 LED60-4S/740 II PSD D9 DM50 FG DG	BVP730
912300060124	BVP730 LED60-4S/830 II PSD D9 DM50 FG DG	BVP730
912300060122	BPP732 LED60-4S/730 II PSD D9 DM50 FG DG	BPP732

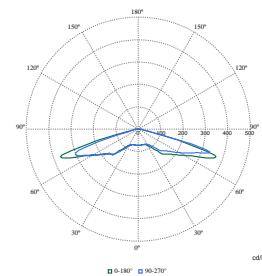
## Polar Wide Diagrams



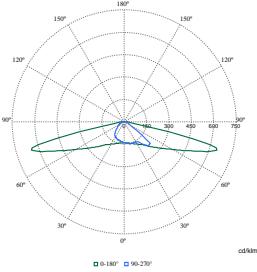
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912300060119



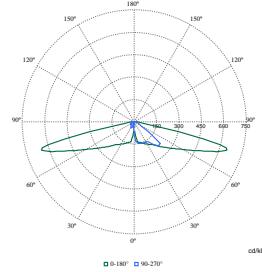
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912300060121



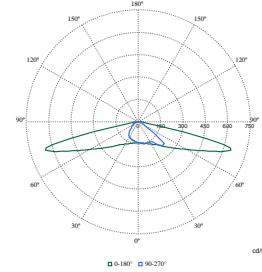
Polar Normal (separate) - BGP730I -  
912300060120



Polar Normal (separate) - BGP730I -  
912300060123

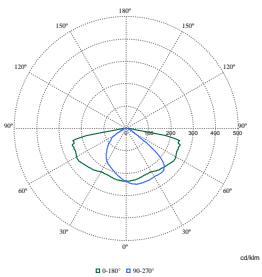


Polar Normal (separate) - BGP730I -  
912300060122

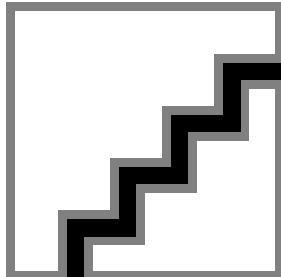


Polar Normal (separate) - BGP730I -  
912300060124

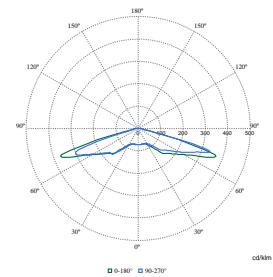
## Polar Wide Diagrams



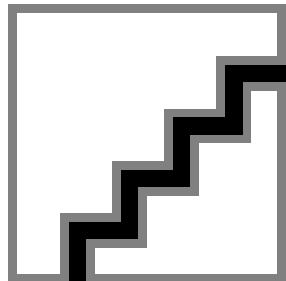
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912300060116



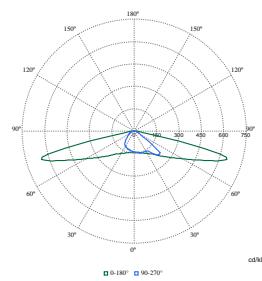
Polar Normal (separate) - BGP729I -  
912300060114



Polar Normal (separate) - BGP729I -  
912300060115



Polar Normal (separate) - BGP729I -  
912300060118



Polar Normal (separate) - BGP729I -  
912300060117

