



UrbanFlex micro

BGP729 LED-HB/830 I DW10 3500
lm

Brand: Signify, Philips



Introduction

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 Information

Product Family Code	BGP729
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Mechanical and Housing

Housing Material	Aluminum die cast
Optic Material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	-
Ingress protection code	IP66
Mech. impact protection code	IK09
Corrosion resistance	500 hours Salt Spray Test for standard version, 1.000 hours. Salt Spray Test optional Marine Salt Protection (MSP)

Certification

CE mark	Yes
ENEC mark	ENEC mark
RoHS mark	Yes
WEEE mark	Yes
Protection class IEC	I

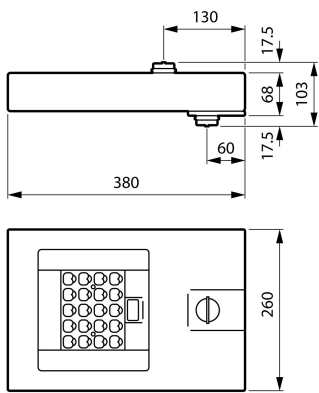
Service

Warranty period	5 years
Serviceability	-
Light source replaceable	Yes
Operating ambient temperature range Tamb	-40 to +50 °C
Performance ambient temperature (Tq)	25 °C
Lumen maintenance	L90
Lifetime	100000 h
Control gear failure rate at median useful life 100000h	10%
Surge protection	6KV in Common or Differential mode as standard, 10KV with optional Surge Protector Device (SPD)

IPEA - Energy classification

Road		Large area		Historical centers		Green areas		Cycle & pedestrian	
IPEA	Class	IPEA	Class	IPEA	Class	IPEA	Class	IPEA	Class
1.74	A6+	1.81	A7+	2.12	A10+	1.69	A5+	1.69	A5+

Dimensional drawing(s) - mm



Effective projected area	m ²
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