



Micenas gen2 LED – contemporary interpretation of the historic street lantern

Micenas gen2 LED

Combining contemporary aesthetics and classical inspiration, Micenas gen2 LED is an elegant presence in both modern and traditional urban settings. With its 2nd-generation LED module, Micenas gen2 LED ensures a higher light output over an extended service life and higher energy efficiency. The Eco-designed luminaire has retained its original avant-garde form and provides comfortable ambient lighting. The housing has a textured black finish that underlines the luminaire's timeless shape, which blends in harmoniously with walls and facades. And a number of dedicated brackets are available, ensuring the decorative integration of luminaire and pole.

Benefits

- Excellent light output and energy efficiency
- Comfortable ambient lighting
- Meets photometric requirements for road and area lighting

Features

- Eco-designed luminaire combining classical and contemporary aesthetics
- Different optics available for road or area light distribution
- Housing with textured black finish
- Choice of brackets available (Faro, Solis, ...)



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Application

- Cycle and foot paths
- Parking areas

- Residential streets
- Squares, parks and playgrounds

Specifications

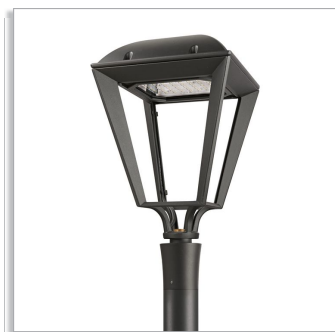
- **Type** BDP791 (post-top version)
BSP791 (suspended version)
- **Light source** Integral LED-module
- **Power** 13.1 to 87 W depending on configuration
- **Luminous flux** 1106 to 7268 lm depending on configuration
- **Luminaire efficacy** 72 to 100 lm/W depending on configuration
- **Correlated Color Temperature** 3000 or 4000 K
- **Color Rendering Index** 70 (for 4000 K)
80 (for 3000 K)
- **Maintenance of lumen output L80F10:** 80,100 hours at $T_a = 25\text{ }^\circ\text{C}$ and 350 mA
59,300 hours at $T_a = 25\text{ }^\circ\text{C}$ and 700 mA
- **Operating temperature range** -20 to +35 °C
- **Driver** Built-in (self ballasted LED-module)
- **Mains voltage** 220-240 V / 50-60 Hz
- **Dimming** CLO
DynaDimmer
SDU dimming
Mains dimming (AmpDim)
RF (radio frequency regulation)
DALI dimming
Photocell: minicell and Starsense
Wireless
- **Controls system input** 1-10 V
- **Optic** Optiflux narrow for ME-class road (OFR2)
Optiflux medium for S-class road (OFR4)
Optiflux very wide for S-class road (OFR6)
Optiflux narrow for S-class road (OFR7)
Distribution road symmetrical (DS)

- **Optical cover** Flat glass, clear (FG)
Glass, frosted (GF)
- **Material** Housing: moulded aluminum, non corrosive
LED module: extruded and gravity die-cast aluminum
Adapting piece: die-cast aluminum
Lenses: PMMA
Gasket: silicon rubber
- **Color** Black: textured or matt
Other RAL or AKZO Futura colors available on request
- **Connection** Wieland connector 3 pole mains
- **Maintenance** Luminaire opening using 2 screws (M5)
Luminaire maintenance in opening position by means of a slender Control gear access with tools. After opening the gear mounting plate (6 screws M5), the driver can be removed using three M4 screws. LED module replacement directly after opening the luminaire and remove the gear mounting plate Complete LED module replaceable on site
- **Installation** Top mounting: for brass threaded part 1" G
Post-top mounting: axial entry \varnothing 60 - 76 mm using adapting piece (spigot)
Suspended mounting using brass threaded part 1" G
Recommended mounting height: 4-7 m
Max SCx: 0.109 m²
- **Accessories** Wall-mounting bracket
Dedicated poles and brackets available for different mounting possibilities

Related products

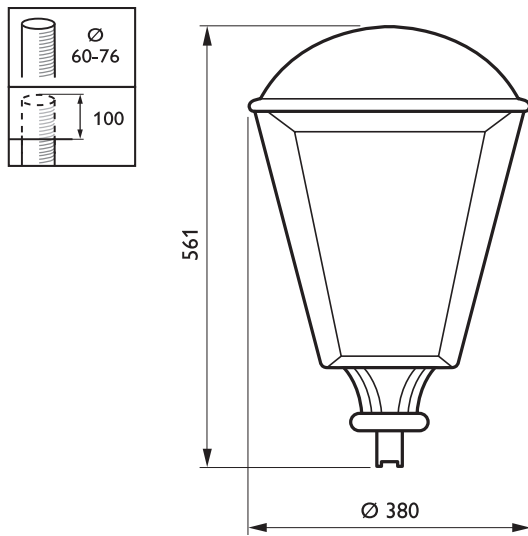


Micenas gen2 LED BDP791 pedestrian luminaire with frosted flat glass



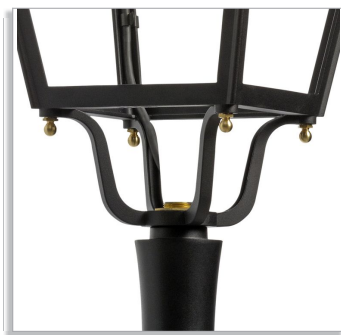
Micenas gen2 LED BDP791 pedestrian luminaire with clear flat glass

Dimensional drawing



BDP791 ECO80/830 OFR6 GF BK TXT 60

Product details



Luminaire with open frog



Moulded aluminum housing

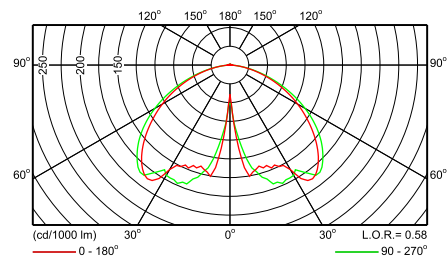
General information (1/2)

Order code	Product family code	Lamp family code	Light source color	Light source replaceable	Number of gear units	Driver included	Mech. impact protection code	Optic type	Optical cover/lens type	Color	Coating
912300022790	BDP791	ECO79	830	true	1	true	IK10	OFR6	GF	BK	SL-PDR
912300022791	BDP791	GRN62	830	true	1	true	IK10	DS	GF	BK	SL-PDR
912300022792	BDP791	GRN52	740	true	1	true	IK10	OFR6	GF	BK	SL-PDR
912300022796	BDP791	ECO25	830	true	1	true	IK10	DS	GF	BK	SL-PDR
912300022797	BDP791	ECO43	740	true	1	true	IK10	DS	GF	BK	SL-PDR
912300022793	BDP791	GRN62	830	true	1	true	IK10	OFR7	FG	BK	SL-PDR
912300022798	BDP791	GRN47	830	true	1	true	IK10	OFR6	FG	BK	SL-PDR
912300022799	BDP791	GRN44	740	true	1	true	IK10	OFR7	FG	BK	SL-PDR

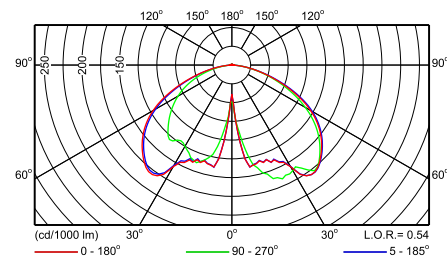
General information (2/2)

Order code	Product family code	Dimmable	Surge protection	CE mark	ENEC mark	Flammability mark	Finish
912300022790	BDP791	No	No	CE	ENEC	F	TXT
912300022791	BDP791	No	No	CE	ENEC	F	TXT
912300022792	BDP791	No	No	CE	ENEC	F	TXT
912300022796	BDP791	No	No	CE	ENEC	F	TXT
912300022797	BDP791	No	No	CE	ENEC	F	TXT
912300022793	BDP791	No	No	CE	ENEC	F	TXT
912300022798	BDP791	No	No	CE	ENEC	F	TXT
912300022799	BDP791	No	No	CE	ENEC	F	TXT

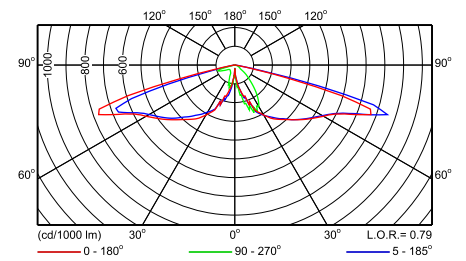
Photometric data



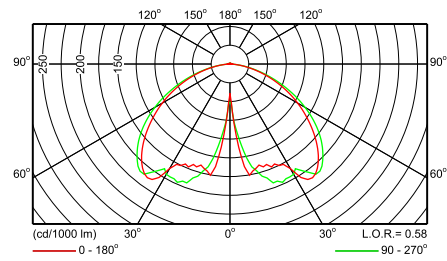
BDP791 GF 40xGRN62/830 DS



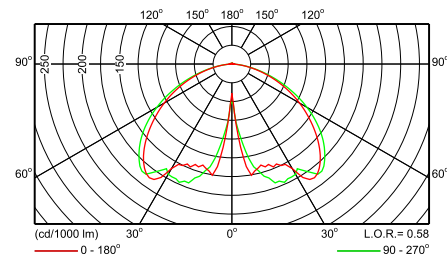
BDP791 GF 40xGRN52/740 OFR6



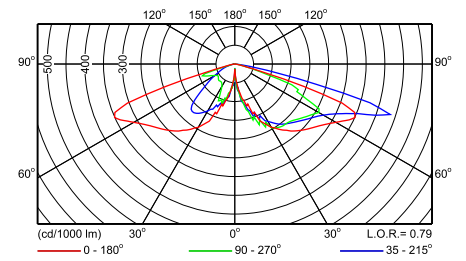
BDP791 FG 40xGRN62/830 OFR7



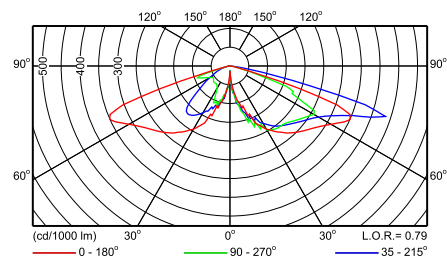
BDP791 GF 12xECO25/830 DS



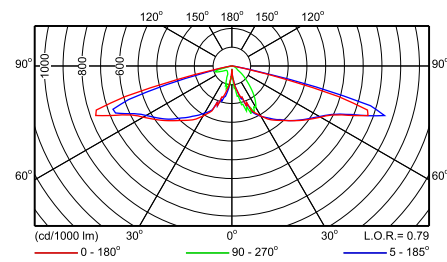
BDP791 GF 18xECO43/740 DS



BDP791 FG 40xGRN47/830 OFR6



BDP791 FG 30xGRN47/830 OFR6



BDP791 FG 24xGRN44/740 OFR7

Light technical

Order code	Product family code	Standard tilt angle posttop
912300022790	BDP791	0
912300022791	BDP791	0
912300022792	BDP791	0
912300022796	BDP791	0

Order code	Product family code	Standard tilt angle posttop
912300022797	BDP791	0
912300022793	BDP791	0
912300022798	BDP791	0
912300022799	BDP791	0



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www.philips.com/lighting

2015, March 26
data subject to change