



Timeless luminaire

Harmony Classic LED

Harmony Classic LED draws its inspiration from the street lamps of the early 20th century, which combined a conical bowl with a suspended canopy. This iconic luminaire offers versatility, both in terms of supporting brackets and columns, as well as accessories. Designed for mounting heights of 4-8 metres, Harmony Classic LED is ideal for a wide range of outdoor lighting applications.

Benefits

- Timeless, elegant and iconic design
- Suitable for new installations and renovations
- Energy-efficient luminaire : up to 140 lm/W

Features

- Suspended or Lyre mounting
- Easy to install and maintain
- Broad range of lumen packages and optics to ensure maximum efficiency at all lighting levels

Application

- Village, town and city centers, urban main roads, side roads, pedestrian areas and squares

Specifications

Type	BDP670 (post-top version) BSP670 (suspended version)	Correlated Colour Temperature	3,000 - 4,000 K
Light source	Integral LED-module	Colour Rendering Index	80 - 70
Power	Up to 64 W depending on configuration	Operating temperature range	-25 to +35 °C
Luminous flux	1,350 - 7,170 (warm white), 1,550 - 8,250 (neutral white) depending on configuration	Driver	Built-in (self-ballasted LED module) Philips Xitanium Driver
Luminaire efficacy	Up to 130 lm/W		

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Mains voltage	220-240 V/50-60 Hz
Dimming	LumiStep (LS), DynaDimmer (DDF), DALI
Control system input	1-10 V
Optic	OFR2 Optiflux narrow for ME-class, OFR4 Optiflux narrow for S-class, OFR6 Optiflux very wide for S-Class, OFR7 Optiflux narrow for S-Class, DS Distribution Symmetrical
Optical cover	Polycarbonate bowl, clear
Materials and finishing	Housing: high-pressure aluminium Glass: thermally hardened, 5 mm thick

Colour	Grey Other RAL or AKZO Futura colours available on request
Installation	Suspended 1"G, lyre for pole Ø 90 mm Recommended mounting height: 4-6 m Weight: 16 - 17 kg Max SCx: 0.18 m ² (suspended) - 0.225 m ² (lyre)

Versions



Product details



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DP02.tif



Harmony_Classic_LED-BDP670-
DP05.tif



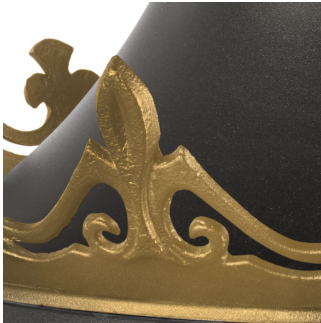
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Product details



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Application Conditions

Average ambient temperature 25 °C

Approval and Application

Mech. impact protection code IK10

General Information

CE mark CE mark

Optical cover/lens type PCC

Driver included Yes

ENEC mark -

Flammability mark NO

Gear EB

Light source replaceable Yes

Number of gear units 1 unit

UL mark -

Light Technical

Standard tilt angle side entry 0°

Standard tilt angle posttop 0°

Upward light output ratio 0.03

Mechanical and Housing

Colour Gray

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h 3 %

Application Conditions

Order Code	Full Product Name	Maximum dim level
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	10%
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	-
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	-
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	-

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Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	Philips standard surge protection level kV
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	Surge protection level until 10 kV

Order Code	Full Product Name	Surge Protection (Common/Differential)
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	Philips standard surge protection level kV
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	Philips standard surge protection level kV

Controls and Dimming

Order Code	Full Product Name	Dimmable
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	Yes
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	No

Order Code	Full Product Name	Dimmable
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	No
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	No

Operating and Electrical

Order Code	Full Product Name	Driver current
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	470 mA
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	625 mA

Order Code	Full Product Name	Driver current
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	530 mA
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	650 mA

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Lamp family code	Number of light sources
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	23° - 12° x 151°	830 warm white	GRN40	24
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	21° - 10° x 144°	740 neutral white	ECO84	34
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	148° x 148°	740 neutral white	ECO65	30

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Lamp family code	Number of light sources
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	148° x 148°	830 warm white	ECO61	24

General Information (2/2)

Order Code	Full Product Name	Optic type	Product Family Code
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	Optiflux version R4	BDP670
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	Optiflux version R2	BDP670

Order Code	Full Product Name	Optic type	Product Family Code
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	Distribution symmetrical	BSP670
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	Distribution symmetrical	BSP670

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
09703500	BDP670 GRN47/830 I OFR4 D9 GR-2900	3000 K	≥80	3488 lm
09705900	BDP670 ECO84/740 II OFR2 SRG10 GR-2900	4000 K	≥70	6136 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
09704200	BSP670 ECO65/740 II DS DDF2 GR-2900 ORN4	4000 K	≥70	6130 lm
09706600	BSP670 ECO61/830 I DS DDF2 GR-2900 ORN2	3000 K	≥80	5662 lm

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