



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. Harmony Classic LED uses the high-performance LEDGINE-O engine with latest LED performance and a wide range of optics to latest standards. Designed for mounting heights of 4-8 meters, 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)
Light source	Integral LED-module
Power	Up to 64 W depending on configuration
Luminous flux	1200 - 9000 lm depending on configuration
Luminaire efficacy	Up to 130 lm/W

Correlated Color Temperature	3000 - 4000 K
Color Rendering Index	80 - 70
Lumen maintenance at median useful life*	up to L95 100000 h

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Control gear failure rate at median useful life	10% 100000 h
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-25 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	40 W: 22 A / 290 µs 75 W: 46 A / 250 µs
Dimming	LumiStep (LS), DynaDimmer (DDF), DALI

Controls system input	1-10V
Optic	DN10, DN11, DM10, DM11, DM12, DM50, DW10, DW50, DX10, DX50, DS50
Optical cover	Polycarbonate bowl, clear
Materials and finishing	Housing: high-pressure aluminum Glass: thermally hardened, 5 mm thick
Color	Gray Other RAL or AKZO Futura colors 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 m² (suspended) - 0.225 m² (lyre)

Versions



Approval and Application	
Mech. impact protection code	IK10
General Information	
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover clear
Driver included	Yes
ENEC mark	-
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Light Technical	
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03
Mechanical and Housing	
Color	Gray

Application Conditions

Order Code	Full Product Name	Maximum dim level
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	20%
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	-
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	-
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	-

Approval and Application

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Order Code	Full Product Name	Surge Protection (Common/Differential)
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	Philips standard surge protection level
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	Yes
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	No

General Information (1/2)

Order Code	Full Product Name	Luminaire light	Light	Lamp	Optic type
		beam spread	source color	family code	
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	88° x 157°	830 warm white	LED47	Distribution medium 12
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	52° - 7° x 151°	740 neutral white	LED84	Distribution wide 10
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	152° x 155°	740 neutral white	LED65	Distribution symmetrical 50

General Information (2/2)

Order Code	Full Product Name	Product Family Code
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	BDP670
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	BDP670

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial luminous flux
		Temperature	Rendering Index	
912300023979	BDP670 LED47-4S/830 I DM11 GR-2900 D9	3000 K	≥80	3478 lm
912300023981	BDP670 LED84-4S/740 II DW10 GR-2900 SRG1	4000 K	≥70	6384 lm

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	Philips standard surge protection level
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	Philips standard surge protection level

Order Code	Full Product Name	Dimmable
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	No
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	No

Order Code	Full Product Name	Luminaire light	Light	Lamp	Optic type
		beam spread	source color	family code	
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	152° x 155°	830 warm white	LED61	Distribution symmetrical 50

Order Code	Full Product Name	Product Family Code
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	BSP670
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	BSP670

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial luminous flux
		Temperature	Rendering Index	
912300023980	BSP670 LED65-4S/740 II DS50 GR-2900 DDF2	4000 K	≥70	5214 lm
912300023982	BSP670 LED61-4S/830 I DS50 GR-2900 DDF2	3000 K	≥80	4898 lm

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