PHILIPS

Lighting

Philips BGS010 LumiStreet gen2 Eco

Performance within reach

LumiStreet gen2 Eco

LumiStreet gen2 Eco is available with 1 or 2 high efficient light modules.

A maximum performance is achieved by making the optics also the outer IP cover.

The luminaire is ideally suited for both new build streets and areas, as well as renovation of existing installations.

This afforable luminaire not only offers a clean and timeless design to blend in with the environment, but also brings high quality lighting solutions with significant energy and maintenance savings and a long operational life.

Benefits

Easy to install in both post top and side entry application.

Interesting total cost of ownership.

Limited initial investment

Considerable reduction in energy usage and carbon footprint; further energy savings achievable when using CLO or stand alone dimming such as Dynadim.

Signify Service tag (unique QR identification) for maintenance, installation and spare part information.

Optionally prepared for use of smart lighting. For example by using an intelligent systems such as Interact.

Features

Dedicated LED luminaire in a compact and efficient design.

One or 2 LED modules for lower or higher lumen packages, 3 optics for effective distribution.

Wide choice of lumen packages, ranging from 800 up to 11.000 lumen.

Long life expectancy of 100.000 operating hours.

One flexible design to facilitate both post top and side entry application.

Suitable for new installations or one-to-one replacement in existing installations.

Vandal-resistant IK09 , ingress protection IP66.

Tilt regulation for side entry and post top application.

Applications

Main- and traffic roads, urban residential- and rural streets , minor roads, cycle- or footpaths, roundabouts, squares, parks & playgrounds, parking areas, industrial areas.
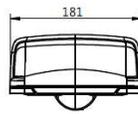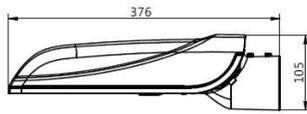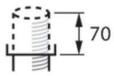
Product data

Type	BGS010, LumiStreet gen2 Eco
Light source	1 or 2 Build in Philips LED-module(s)
Light source replaceable	Yes
Luminous flux	BGS010, 1 module, between 800 and 6000 Lm
(source flux)	BGS010, 2 modules, between 6500 and 11000 Lm
	Depending on flux and color temperature
Luminous flux tolerance	+ / - 7%
Correlated color	NW: 4000K
temperature	WW: 3000K
	Other light colors on demand only
Color rendering index	≥ 70
Initial CRI tolerance	+ / - 3%
Luminaire efficacy	NW: between 122 and 155, depending on flux
Lm/W (system flux)	WW: between 128 and 158, depending on flux
Maintenance of Lumen	100.000 operating hours at L90B50 minimum
	at 25°C Tq average ambient temperature
Initial chromaticity	4000K: SDCM<5
	3000K: SDCM<5
Optics	Distribution Narrow: DN
	Distribution Medium: DM
	Distribution Wide: DW
Optic material	Polycarbonate exposed lenses
Upward light output ratio	0 at 0° tilt

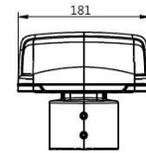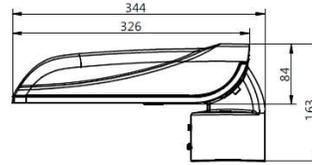| System Power	BGS010 1 module between 5,8 and 40W
	BGS010 2 modules between 37,5 and 70W
	Depending on flux and color temperature
System power tolerance	+ / - 10%
Operating temp. range	-40 up to +35 ˚C
Driver	Integrated Philips Xitanium programmable LED driver
Power/Data supply	Xi SR Prog
	XI Full Prog (on request)
	Xi Lite Prog (on request)
	Xi Basic Prog (on request)
Contol gear failure rate	10% maximum
Power factor	≥ 95 at 100% flux, ≥ 90 at max. 50% dim
Mains voltage	220-240V / 50-60 Hz
Protection class	Class I standard, Class II optional
Surge protection	8 kV (CM), 6 kV (DM), optional 10 kV by added SPD
Inrush current driver (SR)	22W: 18A / 320μs, 23 drivers on MCB of 16A type B
	40W: 21A / 300μs, 21 drivers on MCB of 16A type B
	75W: 12A / 100μs, 33 drivers on MCB of 16A type B
Options	CLO (Constant Light output) (except BP)
	7-pin nema socket on top
	Zhaga SR socket on top
	MSP (Marine Salt Protection) painting
	Added 10kV Surge protection device (SPD)

Optical option	External light control shield, back, front, side or combined
Dimming	LineSwitch
(stand alone)	DynaDimmer (5 step)
	LumiStep (3 step)
Connectivity	Interact City (on request)
Controls system input	DALI System Ready
Material	Spigot & housing: high-pressure die-cast aluminium
	Top cover in PC + ABS, lens optics, also front cover, in PC
Color	GR (light grey Ral 7035)
Color option	Other RAL colors on request only
Ingress protection	IP66
Impact protection	IK09 (IK08 with top socket; Nema 7 Pin or Zhaga SR)
Markings	CE mark
	Enec mark
	Enec plus mark
	RoHS compliant
	REACH compliant
	5 years warranty period

	Attached cable H05VV-F (3G or 5G 1.5), 6 or 10 meters
Maintenance	All information available through ServiceTag app
Installation	Post-top mounting: 76mm
	Side entry mounting: Ø 32 to 48mm
	Standard tilt (Post top and side entry): 0°
	Optional tilt adjustment Side entry: -10 to +10 in steps of 5°
	Optional tilt ajustment post top: 0 to +10 in steps of 5°
	Connection: push-in terminal block (3 x 2,5mm)
	M20 gland, cable Ø 6-12mm, with integrated breather
	2 x M8 mast fixation bolt
	Recommended mounting height: 4 to 18 meters
	SCx: BGS010 - 0.012
Accessories	External light control shield, back, front, side or combined
Weight	BGS010: 2,1 to 2,8 Kg, depending on configuration
Dimensions	BGS010 side entry: L376xW181xH105
	BGS010 post top: L344xW181XH163

Dimensional drawings

SPIGOT 32-48

SPIGOT 76

Ordering information

12nc		EAN	Full name
910925869010		8719514736993	BGS010 LED60/740 DM CLO P1-7-5-CP 76P
910925869011		8719514737006	BGS010 LED60/740 DM CLO SRT 76P
910925869012		8719514737013	BGS010 LED60/740 DM CLO P1-7-5-CP H05VV-F-3G1.5 6 76P
910925869013		8719514737020	BGS010 LED60/740 DM CLO P1-7-5-CP H05VV-FP-3G1.5 6 76P
910925869014		8719514737037	BGS010 LED60/740 DM CLO SRT H05VV-F-3G1.5 6 76P
910925869015		8719514737044	BGS010 LED60/740 DM CLO SRT H05VV-FP-3G1.5 6 76P
910925869016		8719514737051	BGS010 LED60/740 DM CLO MSP P1-7-5-CP 76P
910925869017		8719514737068	BGS010 LED60/740 DM CLO MSP SRT 76P
910925869018		8719514737075	BGS010 LED60/740 DM CLO MSP P1-7-5-CP H05VV-F-3G1.5 6 76P
910925869019		8719514737082	BGS010 LED60/740 DM CLO MSP P1-7-5-CP H05VV-FP-3G1.5 6 76P
910925869020		8719514737099	BGS010 LED60/740 DM CLO MSP SRT H05VV-F-3G1.5 6 76P
910925869021		8719514737105	BGS010 LED60/740 DM CLO MSP SRT H05VV-FP-3G1.5 6 76P
910925869022		8719514737112	BGS010 LED110/740 DM CLO P1-7-5-CP 76P
910925869023		8719514737129	BGS010 LED110/740 DM CLO SRT 76P
910925869024		8719514737136	BGS010 LED110/740 DM CLO P1-7-5-CP H05VV-F-3G1.5 6 76P
910925869025		8719514737143	BGS010 LED110/740 DM CLO P1-7-5-CP H05VV-FP-3G1.5 6 76P
910925869026		8719514737150	BGS010 LED110/740 DM CLO SRT H05VV-F-3G1.5 6 76P
910925869027		8719514737167	BGS010 LED110/740 DM CLO SRT H05VV-FP-3G1.5 6 76P
910925869028		8719514737174	BGS010 LED110/740 DM CLO MSP P1-7-5-CP 76P
910925869029		8719514737181	BGS010 LED110/740 DM CLO MSP SRT 76P
910925869030		8719514737198	BGS010 LED110/740 DM CLO MSP P1-7-5-CP H05VV-F-3G1.5 6 76P
910925869031		8719514737204	BGS010 LED110/740 DM CLO MSP P1-7-5-CP H05VV-FP-3G1.5 6 76P
910925869032		8719514737211	BGS010 LED110/740 DM CLO MSP SRT H05VV-F-3G1.5 6 76P
910925869033		8719514737228	BGS010 LED110/740 DM CLO MSP SRT H05VV-FP-3G1.5 6 76P
910925869034		8719514737235	BGS010 LED60/740 DM CLO P1-7-5-CP 32/48S
910925869035		8719514737242	BGS010 LED60/740 DM CLO SRT 32/48S
910925869036		8719514737259	BGS010 LED60/740 DM CLO P1-7-5-CP H05VV-F-3G1.5 6 32/48S
910925869037		8719514737266	BGS010 LED60/740 DM CLO P1-7-5-CP H05VV-FP-3G1.5 6 32/48S
910925869038		8719514737273	BGS010 LED60/740 DM CLO SRT H05VV-F-3G1.5 6 32/48S
910925869039		8719514737280	BGS010 LED60/740 DM CLO SRT H05VV-FP-3G1.5 6 32/48S
910925869040		8719514737297	BGS010 LED60/740 DM CLO MSP P1-7-5-CP 32/48S
910925869041		8719514737303	BGS010 LED60/740 DM CLO MSP SRT 32/48S
910925869042		8719514737310	BGS010 LED60/740 DM CLO MSP P1-7-5-CP H05VV-F-3G1.5 6 32/48S
910925869043		8719514737327	BGS010 LED60/740 DM CLO MSP P1-7-5-CP H05VV-FP-3G1.5 6 32/48S
910925869044		8719514737334	BGS010 LED60/740 DM CLO MSP SRT H05VV-F-3G1.5 6 32/48S
910925869045		8719514737341	BGS010 LED60/740 DM CLO MSP SRT H05VV-FP-3G1.5 6 32/48S
910925869046		8719514737358	BGS010 LED110/740 DM CLO P1-7-5-CP 32/48S
910925869047		8719514737365	BGS010 LED110/740 DM CLO SRT 32/48S
910925869048		8719514737372	BGS010 LED110/740 DM CLO P1-7-5-CP H05VV-F-3G1.5 6 32/48S
910925869049		8719514737389	BGS010 LED110/740 DM CLO P1-7-5-CP H05VV-FP-3G1.5 6 32/48S
910925869050		8719514737396	BGS010 LED110/740 DM CLO SRT H05VV-F-3G1.5 6 32/48S
910925869051		8719514737402	BGS010 LED110/740 DM CLO SRT H05VV-FP-3G1.5 6 32/48S
910925869052		8719514737419	BGS010 LED110/740 DM CLO MSP P1-7-5-CP 32/48S
910925869053		8719514737426	BGS010 LED110/740 DM CLO MSP SRT 32/48S
910925869054		8719514737433	BGS010 LED110/740 DM CLO MSP P1-7-5-CP H05VV-F-3G1.5 6 32/48S
910925869055		8719514737440	BGS010 LED110/740 DM CLO MSP P1-7-5-CP H05VV-FP-3G1.5 6 32/48S
910925869056		8719514737457	BGS010 LED110/740 DM CLO MSP SRT H05VV-F-3G1.5 6 32/48S
910925869057		8719514737464	BGS010 LED110/740 DM CLO MSP SRT H05VV-FP-3G1.5 6 32/48S