



# Selenium LED – simple efficiency

## Selenium LED

Selenium LED is a cost-effective road lighting LED luminaire, delivering significant energy saving compared with conventional solutions. Energy savings can be further enhanced with the range of integrated control options. Selenium LED delivers high quality neutral white light with excellent uniformity using Philips LEDGINE technology. Installation and maintenance is made simple using plug connectors and drivers that are directly accessible without the use of tools.

### Benefits

- Simple and efficient LED road lighting solution
- Integrated DynaDimmer & RF telemanagement control options
- Easy installation and maintenance with reversible spigot and tool-less entry to luminaire

### Features

- Philips LEDGINE based technology giving uniform light distribution over lifetime
- Integrated control options
- Flat glass; 0 candela light spill at 90°
- Traditional road luminaire design to complement existing lighting schemes at medium mounting heights

### Application

- Motorised traffic routes & major roads
- Mixed traffic streets

**PHILIPS**

## Specifications

• Type	BGP340	• Controls system input	1-10 V and DALI
• Light source	Integral LED module	• Optic	Medium beam
• Power (+/-10%)	29 to 94 W	• Optical cover	Glass, flat
• Luminous flux	4810 to 9415 lm	• Material	Housing: die-casted aluminium Optical cover: glass, extra-white tempered, 5 mm thick
• Luminaire efficacy	>105 lm/W	• Colour	RAL7035 Other RAL colours available on request
• Correlated Colour Temperature	4000 K	• Connection	Wieland
• Colour Rendering Index	70	• Maintenance	Tool-less clip
• Maintenance of lumen output - L80F10	60,000 hours	• Installation	Post top mounting: Ø 60 / 76 mm Side entry mounting: Ø 34 / 60 mm Reversible spigot for side-entry and post-top Recommended mounting height: 5 to 12 m Standard tilt angle post top: 5° Adjustable tilt angle: 0°, 5° and 15° Max SCx: 0.077 m <sup>2</sup>
• Operating temperature range	-40 to +50°C		
• Driver	Separate (non self ballasted LED-module)		
• Mains voltage	220-240 V / 50-60 Hz		
• Inrush current	80 A / 150 µS		
• Options	Photocell NEMA socket Integrated Dynadimmer Mains dimming RF antenna		

## General Information (1/2)

order code	CE mark	Coating	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code	Light source replaceable	Lamp version
87529100	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06343800	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06344500	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation
06345200	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06346900	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation
06358200	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06359900	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation
06360500	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06361200	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation
06363600	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06364300	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation
06365000	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06366700	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation
06368100	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06369800	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation

order code	CE mark	Coating	Light source color	Optical cover/lens type	Driver included	ENEC mark	Glow-wire test	Lamp family code	Light source replace-able	Lamp version
06370400	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06371100	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation
06378000	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06379700	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation
06380300	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06381000	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation
06388900	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED55	Yes	3rd generation, screw fixation
06389600	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED74	Yes	3rd generation, screw fixation
06390200	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED92	Yes	3rd generation, screw fixation
06391900	CE mark	-	740 neutral white	FG	Yes	ENEC mark	960/5	LED110	Yes	3rd generation, screw fixation

## General Information (2/2)

order code	Number of light sources	Optic type	Product Family Code
87529100	1	DM	BGP340
06343800	1	DM	BGP340
06344500	1	DM	BGP340
06345200	1	DM	BGP340
06346900	1	DM	BGP340
06358200	1	DM	BGP340
06359900	1	DM	BGP340
06360500	1	DM	BGP340
06361200	1	DM	BGP340
06363600	1	DM	BGP340
06364300	1	DM	BGP340
06365000	1	DM	BGP340
06366700	1	DM	BGP340
06368100	1	DM	BGP340
06369800	1	DM	BGP340
06370400	1	DM	BGP340
06371100	1	DM	BGP340
06378000	1	DM	BGP340
06379700	1	DM	BGP340
06380300	1	DM	BGP340
06381000	1	DM	BGP340
06388900	1	DM	BGP340
06389600	1	DM	BGP340
06390200	1	DM	BGP340
06391900	1	DM	BGP340

## Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
87529100	4000 K	~GT~70	4792
06343800	4000 K	~GT~70	4792
06344500	4000 K	~GT~70	6407
06345200	4000 K	~GT~70	7906
06346900	4000 K	~GT~70	9381
06358200	4000 K	~GT~70	4792
06359900	4000 K	~GT~70	6407
06360500	4000 K	~GT~70	7906
06361200	4000 K	~GT~70	9381
06363600	4000 K	~GT~70	4792
06364300	4000 K	~GT~70	6407
06365000	4000 K	~GT~70	7906
06366700	4000 K	~GT~70	9381
06368100	4000 K	~GT~70	4792
06369800	4000 K	~GT~70	6407
06370400	4000 K	~GT~70	7906
06371100	4000 K	~GT~70	9381
06378000	4000 K	~GT~70	4792
06379700	4000 K	~GT~70	6407
06380300	4000 K	~GT~70	7906
06381000	4000 K	~GT~70	9381
06388900	4000 K	~GT~70	4792
06389600	4000 K	~GT~70	6407
06390200	4000 K	~GT~70	7906
06391900	4000 K	~GT~70	9381

## Mechanical and Housing

order code	Color
87529100	Grey
06343800	Grey
06344500	Grey
06345200	Grey
06346900	Grey
06358200	Grey
06359900	Grey
06360500	Grey
06361200	Grey
06363600	Grey
06364300	Grey
06365000	Grey
06366700	Grey
06368100	Grey
06369800	Grey
06370400	Grey
06371100	Grey
06378000	Grey
06379700	Grey
06380300	Grey
06381000	Grey
06388900	Grey
06389600	Grey
06390200	Grey
06391900	Grey

## Approval and Application

order code	Mech. impact protection code
87529100	IK08
06343800	IK08
06344500	IK08
06345200	IK08
06346900	IK08
06358200	IK08
06359900	IK08
06360500	IK08
06361200	IK08
06363600	IK08
06364300	IK08
06365000	IK08
06366700	IK08
06368100	IK08
06369800	IK08
06370400	IK08
06371100	IK08
06378000	IK08
06379700	IK08
06380300	IK08
06381000	IK08
06388900	IK08
06389600	IK08
06390200	IK08
06391900	IK08



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