

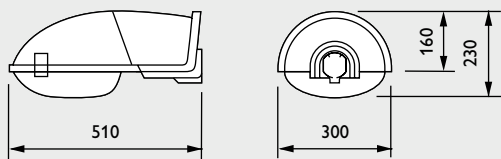


SGS 101 post top mounting



SGS 101 side entry mounting

Dimensions in mm



## SGS 101

Versatile road lighting luminaires in modern style. Quality lighting for safe and comfortable driving, and for area illumination, with low investment and maintenance costs. Vandal-resistant.

### Main applications

- Industrial areas
- Residential areas
- Rural roads
- Minor roads
- Car parks.

### Suitable lamp types

- SON-I 50/70 W
- SON-T 50/70 W
- SON-E 50/70 W
- HPL-N 80/125 W.

### Features

- Optical system designed for good beam control and light output. Optimal illuminance and good uniformity when the mounting height approximately equals the road width and the mast spacing is approximately 3.5 times the road width
- Flexible mounting capability, with side entry or post top mounting with 42-60 mm spigots; 32-42 mm and 76 mm mounting units and a wall-mounting bracket are also available

- Vandal-resistant polycarbonate bowl
- Models with self-stopping ignitor and/or NEMA socket for photocell switching available on request
- Sturdy construction resistant to water and dust. Class II insulation provides extra safety and requires only a 2-wire cable for the electrical connection
- Easy installation. Hinged bowl with quick-release clips, and removable rear canopy allow swift, safe maintenance.

### Materials and finish

Canopy in glass-fibre reinforced UV-stabilized polypropylene in restful light grey; polycarbonate bowl; mounting module in non-corrosive, diecast aluminium; gear carrier in glass-fibre reinforced polycarbonate.

### Installation

Post top or side entry spigot from 42 to 60 mm (32-42 mm and 76 mm mounting units are also available).

lamp compartment	IP 65
gear compartment	IP 43
luminaire	

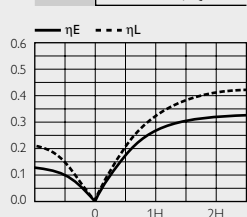
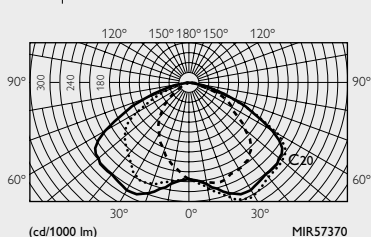
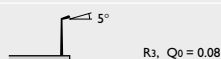
Type	Weight (kg)
SGS101 HPLN 80/125W 230 II	3.8
SGS101 SONT 50W 230 SP II	3.9
SGS101 SONT 70W 230 SP II	3.9
SGS101 SONI 70W 230 II	3.8

All versions are equipped with 230 V /50 Hz control gear and mounting unit for 42-60 mm; other voltages, mounting unit for 34-42 mm side entry, or 76 mm post top mounting, NEMA photocell socket and/or self-stopping ignitors are available on request

## SGS 101/070

	180	190
C0	26.0	2.0
C15	27.0	2.0

L.O.R. = 0.66



## 1 x SON 70W I

1 x 5,600 lm



H	S	EH	Uo	SR	LI	Uo	UI	TI	LI	Uo	UI	TI	LI	Uo	UI	TI
(m)	(m)	(lux)			(cd/m²)			(%)	(cd/m²)			(%)	(cd/m²)			(%)
6	18	17	0.51	0.50	1.0	0.47	0.76	3.7	1.0	0.49	0.76	5.4	1.0	0.54	0.54	4.1
6	21	15	0.42	0.50	0.9	0.46	0.62	4.0	0.9	0.47	0.62	5.8	0.9	0.52	0.43	4.2
6	24	13	0.30	0.50	0.8	0.42	0.50	4.2	0.7	0.43	0.50	6.2	0.8	0.45	0.34	4.5
6	27	12	0.21	0.50	0.7	0.36	0.38	4.4	0.7	0.37	0.38	6.7	0.7	0.37	0.25	4.8
6	30	10	0.15	0.50	0.6	0.31	0.27	4.7	0.6	0.31	0.27	7.2	0.6	0.30	0.20	5.1



# PHILIPS

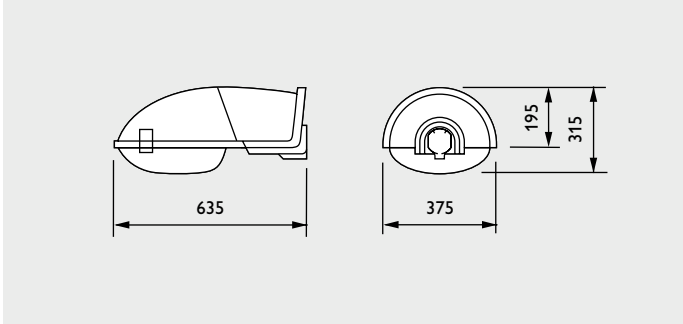


SGS 102 post top mounting



SGS 102 side entry mounting

Dimensions in mm



Type	Weight (kg)
SGS102 HPLN 250W 230 II	5.7
SGS102 SONT 100W 230 SP II	5.4
SGS102 SONT 150W 230 SP II	5.7
SGS102 SONT 250W 230 SP II	6.7

All versions are equipped with 230 V /50 Hz control gear and mounting unit for 42-60 mm; other voltages, mounting unit for 34-42 mm side entry, or 76 mm post top mounting, NEMA photocell socket and/or self-stopping ignitors are available on request

SGS 102

Versatile road lighting luminaires in modern style. Quality lighting for safe and comfortable driving, and for area illumination, with low investment and maintenance costs. Vandal-resistant.

Main applications

- Industrial areas
- Secondary roads
- Rural roads
- Car parks
- Roundabouts.

Suitable lamp types

- HPL-N 250 W
- SON-T 100/150 W
- SON-E 100/150 W
- SON-T 250 W.

Features

- Optical system designed for good beam control and light output. Optimal illuminance and good uniformity when the mounting height approximately equals the road width and the mast spacing is approximately 3.5 times the road width
- Flexible mounting capability, with side entry or post top mounting with 42-60 mm spigots; a wall mounting bracket is also available
- UV-resistant polycarbonate bowl, vandal-resistant

- Models with self-stopping ignitor and/or NEMA socket for photocell switching available on request
- Sturdy construction resistant to water and dust. Class II insulation provides extra safety and requires only a 2-wire cable for the electrical connection
- Easy installation. Hinged bowl with quick-release clips, and removable rear canopy allow swift, safe maintenance.

Materials and finish

Canopy in glass-fibre reinforced UV-stabilized polypropylene in restful light grey, or lively orange, red or blue; polycarbonate bowl; mounting module in non-corrosive, diecast aluminium; gear carrier in glass-fibre reinforced polycarbonate.

Installation

Post top or side entry spigot from 42 to 60 mm (32-42 mm and 76 mm mounting units are also available)

lamp compartment	IP 65
gear compartment	IP 43
luminaire	

