



HGS 101 post top mounting



HGS 101 side entry mounting

Type	Lamp	Weight kg	Ordering number
HGS 101/080-125 230 II	HPL-N 80-125W	3.8	9104 004 96018
SGS 101/050 230 SN II	SON(-T PLUS) 50W	3.9	9104 004 96118
SGS 101/070 230 SN II	SON(-T PLUS) 70W	3.9	9104 004 96218
SGS 101/050 230 SON-I II	SON 50W I	3.8	9104 004 96318
SGS 101/070 230 SON-I II	SON 70W I	3.8	9104 004 96418

"All versions are equipped with 230V/50Hz control gear and mounting unit for 42-60 mm OD; 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."

H/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
- Secondary roads
- Local roads
- Car parks
- Roundabouts

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.
- Very flexible mounting capability, with side entry or top mounting on all types of road masts with 42-60 mm spigots; 32-42 mm and 76 mm mounting units are also available. Dustproof and jetproof to IP 65 (lamp compartment), IP 43 (gear compartment).
- The luminaires have a hinged, polycarbonate bowl.
- Choice of HPL-N 80-125W or SON/ SON-T PLUS 50-70W lamps.
- Models with self-stopping ignitor and/or NEMA socket for photocell switching available on request.

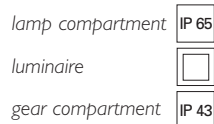
- Completely sealed construction resistant to weather and impact. Class II insulation provides extra safety and requires only a 2-wire cable for the electrical connection.
- Easy installation. Hinged bowl with quick-release clips, and removable rear canopy allow swift, safe maintenance. The lamp replacement is from below and requires thus a relatively small platform truck. The lamp, ballast, ignitor and capacitor can be changed in position.

Materials and finish

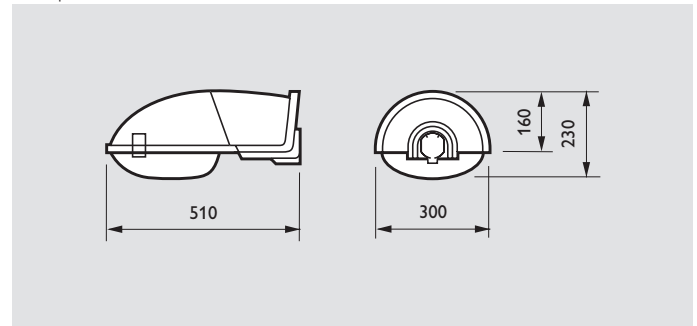
Canopy in glass-fibre reinforced UV-stabilized polypropylene in restful light grey; polycarbonate bowl; mounting module in non-corrosive, diecast aluminium; gear carrier in glass-fibre reinforced Lexan (ASA).

Installation and mounting

Fix to any post top or side entry spigot from 42 to 60 mm by one Allen screw (32-42 mm and 76 mm mounting units are also available). Dustproof and jetproof to IP 65 (lamp compartment), IP 43 (gear compartment). No internal cleaning required.



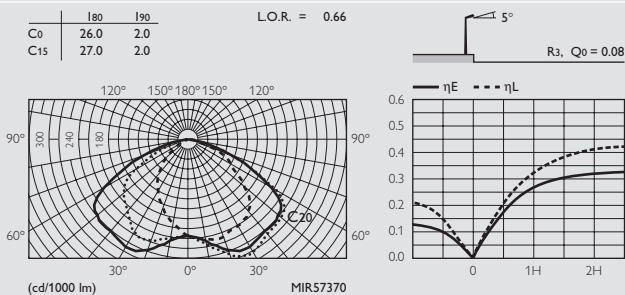
Dimensions in mm



SGS 101/070

	180	190
C ₀	26.0	2.0
C ₁₅	27.0	2.0

L.O.R. = 0.66



1 x SON 70W I

1 x 5.600 lm

H	S	E _H	U ₀	SR	U ₀	UI	TI	U ₀	UI	TI	U ₀	UI	TI			
(m)	(m)	(lux)			(cd/m ²)	(%)	(%)	(cd/m ²)	(%)	(%)	(cd/m ²)	(%)	(%)			
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



HGS 102 post top mounting



SGS 102 side entry mounting

Type	Lamp	Weight kg	Ordering number
HGS 102/250 230 II	HPL-N 250W	5.7	9104 004 96518
SGS 102/100 230SN II	SON(-T PLUS) 100W	5.4	9104 004 96618
SGS 102/150 230SN II	SON(-T PLUS) 150W	5.7	9104 004 96718
SGS 102/250 230 SN II	SON(-T PLUS) 250W	6.7	9104 004 96818

"All versions are equipped with 230V/50Hz control gear and mounting unit for 42-60 mm OD; 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."

H/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
- Local roads
- Car parks
- Roundabouts

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.
- Very flexible mounting capability, with side entry or top mounting on all types of road masts with 42-60 mm spigots; a wall mounting bracket is also available.
- The luminaires have a hinged, UV-resistant polycarbonate bowl.
- Choice of HPL-N 250W or SON/SON-T PLUS 100-250W lamps.
- Models with self-stopping ignitor and/or NEMA socket for photocell switching available on request.

- Completely sealed construction resistant to weather and impact. 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. Lamp, ballast, ignitor and capacitor can be changed in position.

Materials and finish

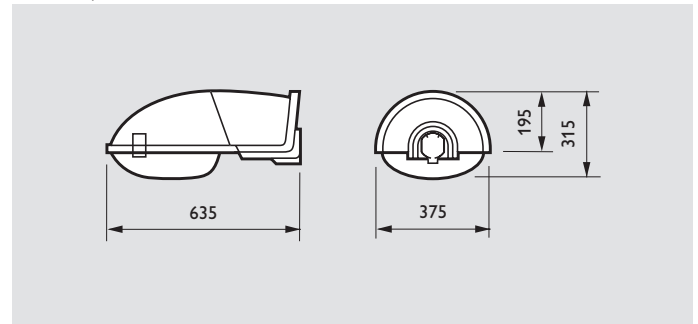
Canopy in glass-fibre reinforced UV-stabilized polypropylene in restful light grey, or lively orange, red or blue; polycarbonate bowl; mounting module in non-corrosive, diecast aluminium; gear carrier in glass-fibre reinforced Lexan (ASA).

Installation and mounting

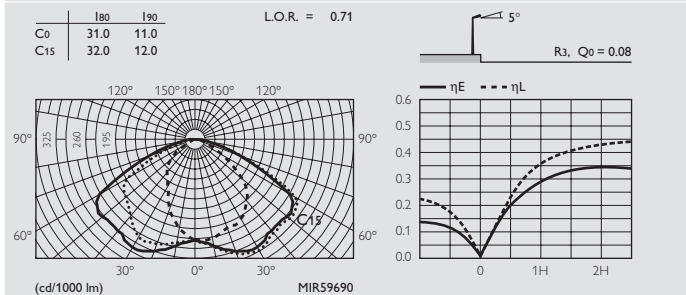
Fix to any post top or side entry spigot from 42 to 60 mm by one Allen screw (32-42 mm and 76 mm mounting units are also available). Dustproof and jetproof to IP 65 (lamp compartment), IP 43 (gear compartment). No internal cleaning required.

lamp compartment	IP 65
luminaire	
gear compartment	IP 43

Dimensions in mm



SGS 102/150T



1 x SON-T PLUS 150W

1 x 16.500 lm

H	S	E _H	U ₀	SR	Ī	U ₀	UI	TI	Ī	U ₀	UI	TI	Ī	U ₀	UI	TI
(m)	(m)	(lux)			(cd/m ²)		(%)	(%)	(cd/m ²)		(%)	(%)	(cd/m ²)		(%)	(%)
10	30	20	0.54	0.48	1.3	0.50	0.79	4.1	1.2	0.52	0.79	5.2	1.3	0.52	0.59	5.3
10	35	17	0.45	0.48	1.1	0.48	0.62	4.4	1.0	0.49	0.62	5.6	1.1	0.52	0.59	5.7
10	40	15	0.31	0.48	1.0	0.43	0.51	4.8	0.9	0.44	0.51	6.1	1.0	0.46	0.47	6.1
10	45	14	0.21	0.48	0.9	0.38	0.41	5.1	0.8	0.38	0.41	6.5	0.8	0.35	0.36	6.5
10	50	12	0.15	0.48	0.8	0.33	0.30	5.5	0.7	0.33	0.30	6.9	0.8	0.26	0.19	6.8