

# Road lighting

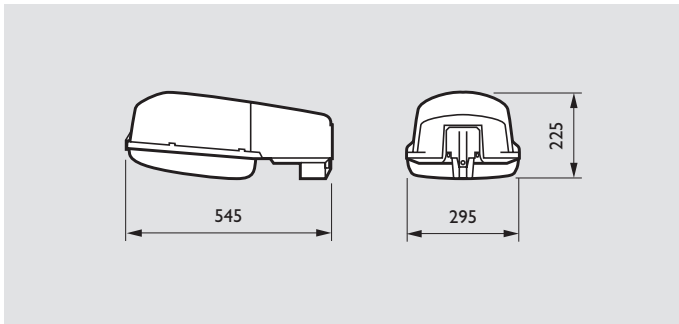
# H/S/XGS 201



Type	Lamp	Weight kg	Ordering number
<b>Kombipack</b>			
HGS 201/080 K	HPL-N 80W	7.0	9111 631 41218
<b>Luminaires with gear</b>			
HGS 201/080-125G	HPL-N 80W or HPL-N 125W5.9	5.9	9111 639 32518
SGS 201/050G	SON 50W I	5.9	9111 633 10818
SGS 201/070G	SON 70W I	5.9	9111 631 41318
SGS 201/100G	SON 100W	6.0	9111 631 60318
SGS 201/070TG	SON-T PLUS 70W	5.9	9111 631 41518
SGS 201/100TG	SON-T PLUS 100W	6.0	9111 631 60218
XGS 201/018G	SOX-E 18W	5.9	9111 630 70418
XGS 201/026G	SOX-E 26W	6.0	9111 630 90218
XGS 201/035G	SOX 35W	6.0	9111 635 60318
<b>Mounting brackets</b>			
ZGP 34 (34 mm)		0.3	9191 131 22881
ZGP 42-48 (42-48 mm)		0.3	9119 114 00518
ZGP 60 (60 mm)		0.3	9119 114 00618
ZGP 76 (76 mm post top)		0.5	9119 114 00718

All units are equipped with 230V/50Hz gear. Other voltages are available on request.

Dimensions in mm



## H/S/XGS 201

Versatile, low-wattage road lighting luminaires in contemporary style. Quality lighting for safe and comfortable driving, with low energy costs. Vandal-resistant.

### Main applications

- Residential areas
- Car parks
- Secondary roads
- Local roads
- Industrial areas
- Roundabouts

### Features

- Dedicated optics optimize beam control and maximize light output. Adjustable reflector position allows fine control of beam direction.
- Flexible mounting capability, with special brackets for side entry or top mounting on mast arms with 34, 42-48 or 60 mm spigots, or for mast tops with 76 mm spigots.
- Choice of vandal- and UV-resistant polycarbonate bowl or minimal-glare flat glass.
- Choice of lighting quality and running costs with HPL-N or HPL-COMFORT lamp up to 125W, SON or SON-T PLUS lamp up to 100W, or SOX(-E) lamp up to 35W.
- High-strength construction resistant to weather and impact, for long service life and low maintenance costs. Class II insulation for extra safety.
- Easy installation and maintenance due to detachable cover to gear compartment and hinged bowl with single quick-release clip. Gear/lampholder unit plugs in to allow fast replacement.

### Materials and finish

Housing, gear/lampholder unit and cover in grey, glass-fibre reinforced, UV-stabilized polyester; polycarbonate bowl or toughened flat glass; high-purity aluminium reflector.


### Installation and mounting

Fix to any post top or side entry spigot of 32, 42-48, 60 or (post top only) 76 mm. Dustproof and jetproof to IP 54 (lamp compartment), IP 23 (gear compartment).

### Accessories

Dual-purpose mounting brackets.

lamp compartment  IP 54

luminaire 

gear compartment  IP 23

Easy relamping from below.



Kombipack HGS 201/080 K.



**HGS 201/080 B POS.3** L.O.R. = 0.70

	I80	I90		
C0	21.1	1.1		
C15	24.3	0.0		

R3, Q0 = 0.08

**1 x HPL-N 80W** 1 x 3.700 lm

H	S	E <sub>H</sub>	U <sub>o</sub>	SR	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI
(m)	(m)	(lux)			(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)
6	18	11	0.57	0.50	0.7	0.43	0.76	3.7	0.7	0.45	0.76	5.7	0.7	0.53	0.52	4.1
6	21	10	0.49	0.50	0.6	0.43	0.71	4.0	0.6	0.45	0.71	6.1	0.6	0.50	0.47	4.5
6	24	8	0.36	0.50	0.5	0.41	0.57	4.3	0.5	0.42	0.57	6.6	0.5	0.49	0.44	4.8
6	27	8	0.27	0.50	0.5	0.42	0.45	4.7	0.5	0.43	0.45	7.3	0.5	0.41	0.33	5.2
6	30	7	0.20	0.50	0.4	0.37	0.36	5.1	0.4	0.37	0.36	7.9	0.4	0.37	0.27	5.6

(cd/1000 lm) MIR19940

**SGS 201/070T B POS.3** L.O.R. = 0.85

	I80	I90		
C0	16.2	1.0		
C15	39.6	2.0		

R3, Q0 = 0.08

**1 x SON-T PLUS 70W** 1 x 6.600 lm

H	S	E <sub>H</sub>	U <sub>o</sub>	SR	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI
(m)	(m)	(lux)			(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)
8	24	14	0.35	0.47	1.0	0.59	0.70	7.9	0.9	0.61	0.70	6.4	1.0	0.56	0.70	8.1
8	28	12	0.29	0.47	0.9	0.59	0.66	8.8	0.8	0.61	0.66	7.0	0.9	0.55	0.65	9.1
8	32	11	0.25	0.47	0.8	0.57	0.72	9.7	0.7	0.60	0.72	7.7	0.7	0.52	0.63	9.9
8	36	10	0.22	0.47	0.7	0.57	0.74	10.4	0.6	0.59	0.74	8.4	0.7	0.41	0.53	10.8
8	40	9	0.19	0.47	0.6	0.54	0.60	11.3	0.6	0.58	0.60	9.1	0.6	0.37	0.44	11.8

(cd/1000 lm) MIR36530

**SGS 201/070 B POS.3** L.O.R. = 0.71

	I80	I90		
C0	20.6	5.2		
C15	23.7	1.0		

R3, Q0 = 0.08

**1 x SON 70W I** 1 x 5.600 lm

H	S	E <sub>H</sub>	U <sub>o</sub>	SR	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI	Ī	U <sub>o</sub>	UI	TI
(m)	(m)	(lux)			(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)
8	24	11	0.57	0.48	0.7	0.43	0.70	3.4	0.7	0.44	0.70	4.4	0.7	0.49	0.47	3.5
8	28	9	0.52	0.48	0.6	0.43	0.62	3.7	0.6	0.44	0.62	4.7	0.6	0.48	0.45	3.9
8	32	8	0.38	0.48	0.5	0.43	0.52	4.0	0.5	0.41	0.52	5.1	0.5	0.46	0.40	4.3
8	36	7	0.26	0.48	0.5	0.39	0.42	4.3	0.4	0.40	0.42	5.5	0.5	0.41	0.30	4.6
8	40	6	0.18	0.48	0.4	0.39	0.34	4.7	0.4	0.38	0.34	5.9	0.4	0.33	0.22	5.0

(cd/1000 lm) MIR19860