



## SGS 204

Modular road lighting luminaire in contemporary style. Lighting quality for safe and comfortable driving, with low energy and maintenance costs.

### Main applications

- Motorways
- Major roads
- Industrial areas
- Roundabouts, Crossings.

### Suitable lamp types

- HPL-N 250 W
- SON-E or SON-T 250 W
- SON-T 400 W (with flat glass only).

### Features





- Dedicated optics optimize beam control and maximize light output. Light distribution designed to take full advantage of the luminance concept
- Choice of vandal-and UV-resistant polycarbonate bowl or minimal-glare flat glass
- The hinged bowl allows lamp replacement from below; thus reducing the required lifting range of the platform truck
- Self-stopping ignitor; photocell switching or dimming available
- High-strength construction resistant to water and dust. Class II insulation provides extra safety (Class I on request)
- Fast, easy installation and maintenance due to hinged housing and bowl with stainless steel clip
- Models available with gear and with lampholder without gear.

### Materials and finish

Frame in non-corrosive diecast aluminium; canopy in neutral grey glass-fibre reinforced. UV-stabilized polyester; polycarbonate bowl or toughened flat glass; reflector in high-purity aluminium.

### Installation

Flexible spigot for side entry from 42 to 60 mm, or post top 60 or 76 mm (to be ordered separately). When the luminaire is mounted at 0° side entry the bowl/flat glass will have a -2.5° inclination.

lamp compartment	
gear compartment	
luminaire	
(on request)	

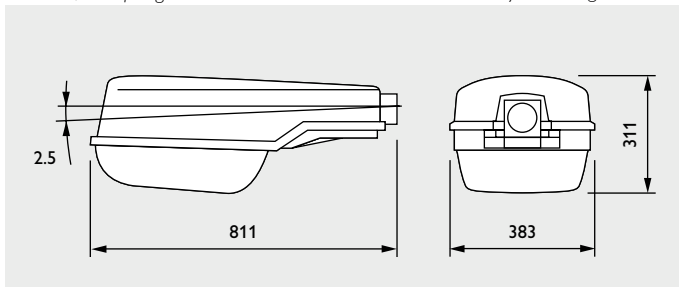
SGS 204



SGS 204, with flat glass



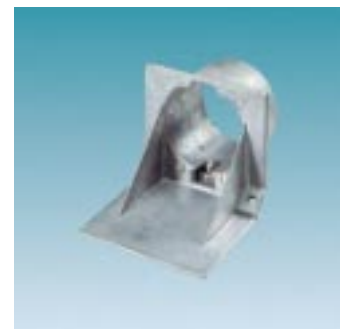
SGS 204, side-entry mounting



Dimensions in mm

Type	Weight (kg)
<b>Luminaires with gear</b>	
SGS204 E40 250W MAX T EMPTY UNIT II	8.1
SGS204 HPL 250W 230 3P PC II	8.1
SGS204 SONT 250W 230 T SP II	10.1
SGS204 SONT 250W 230 T ST II	10.8
SGS204 SONT 250W 230 T ST FG II	10.8
SGS204 SONT 250W 230 T SP D II	10.8
SGS204 SONT 400W 230 T ST FG II	11.0
<b>Mounting brackets (to be ordered separately)</b>	
ZGP34 SPIGOT	0.3
ZGP42/48 SPIGOT	0.3
ZGP60 SPIGOT	0.3
ZGP76 SPIGOT	0.5
WALL-B BRACKET 45MM	0.8

All units are equipped with 230 V/50 Hz gear. Other voltages, frequencies, versions with NEMA socket, dimming gear and/or self-stopping ignitors are available on request.



ZGP mounting bracket

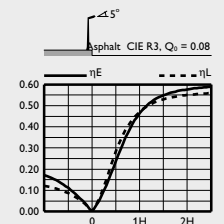
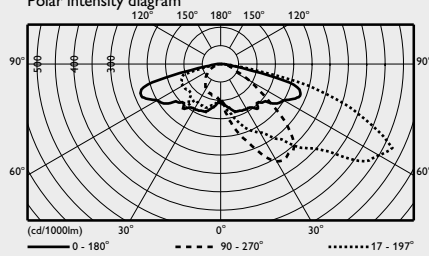




**SGS204/250T**  
L.O.R. = 0.84

**1 x SON-TP250W**  
1 x 32000 lm

Polar intensity diagram



	$I_{50}$	$I_{90}$
$C_1$	39.7	2.0
$C_{15}$	87.2	1.5

						L				L				L			
H	S	$E_{av}$	$U_0$	$U_1$	SR	L	$U_0$	$U_1$	TI	L	$U_0$	$U_1$	TI	L	$U_0$	$U_1$	TI
(m)	(m)	(lx)				(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)	(cd/m <sup>2</sup> )			(%)
12	36	34	0.48	0.43		2.7	0.42	0.84	5.6	2.4	0.45	0.84	8.8	2.5	0.48	0.63	6.1
12	42	29	0.41	0.44		2.3	0.42	0.79	6.0	2.1	0.45	0.79	9.4	2.2	0.44	0.53	6.6
12	48	26	0.37	0.43		2.0	0.41	0.71	6.4	1.8	0.42	0.71	10.3	1.9	0.36	0.44	6.9
12	54	23	0.33	0.43		1.8	0.39	0.62	6.9	1.6	0.40	0.62	11.1	1.7	0.35	0.41	7.4
12	60	21	0.28	0.43		1.6	0.39	0.53	7.4	1.5	0.40	0.53	11.9				

MIR4361000



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