

TrafficVision

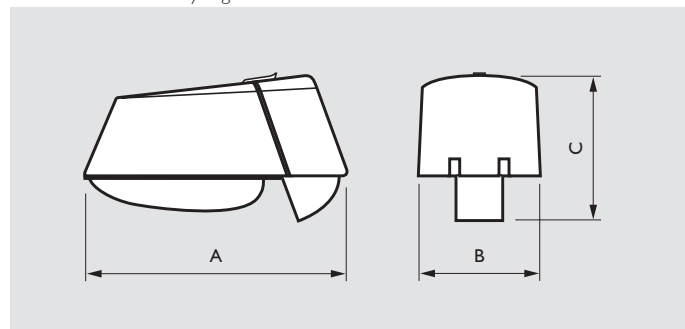


SGS 305/405 with flat glass



SGS 306/406 with acrylic glass

The luminaires are available with either glass-fibre reinforced polyester (305 & 306) or aluminium (405 & 406).



Type description	A	B	C
SGS 305/405	590	280	355
SGS 306/406	690	320	380

SGS 305/306/405/406

Road lighting luminaire for today - and into the next century. Fully adjustable, to deliver light precisely where it is needed, in the quantity needed, for safe and comfortable driving. Stylish but business-like modern design. TrafficVision's modular concept assures easy installation, fast, safe, minimum maintenance and high resistance to vandalism.

Main applications

- Motorways
- Major roads
- Minor roads
- Roundabouts, crossings
- Industrial areas.

Suitable lamp types

- HPL 50/80/125 W
- SON-T 50/70/100/150 W
- SON-I 50/70 W
- SON-E 50/70/100 W.

Features

- Modern modular design with dedicated faceted optics to optimise beam control and maximise light output
- Graduated reflector adjustment for accurate beam direction
- Three tilt angles, both horizontal and vertical, for optimal installation on masts
- Flexible mounting capability for side-entry or top mounting on mast arms
- Socket for photo-cell switching and dimming gear available on request
- High-strength, completely sealed construction resistant to water and dust (IP 66), for long service life and low repair and maintenance costs
- Easy installation with a single Allen key
- Safe, tool-less maintenance; opening gear compartment breaks electrical circuit
- Electrical insulation Class II.

Materials and finish

Grey glass-fibre reinforced polyester (305/306) or die-cast aluminium (405/406) front and rear canopies. Choice of non-yellowing acrylic bowl or vandal -and UV- stabilised polycarbonate bowl or flat toughened security glass for low wattages. Die-cast aluminium mounting module.

Installation

Fix to any post top or side entry spigot from 42-60 mm (76 mm on request) by two Allen screws.

Accessories

Dimming gear, photocell switch.

gear compartment 

lamp compartment 

Basic programme*

Type description	Weight (kg)	EOC
Luminaires with polyester canopy with gear		
SGS306 E40 400WMAX	7.0	26645900
SGS306 E40 400WMAX FG	7.5	26643500
SGS306 SON-T 150W 230 ST II	11.0	23126600
SGS306 SON-T 250W 230 ST II	12.0	23127300
SGS306 SON-T 400W 230 ST II	13.8	23128000
SGS306 HPLN 250W 230 II	-	22617000
SGS306 HPLN 250W 230 FG II	-	22618700
Luminaires with polyester canopy with gear		
SGS305 E27	-	22585200
SGS305 E27 FG	-	22587600
SGS305 E40	-	22586900
SGS305 E40 FG	-	22588300
SGS305 SON-T 70W 230 ST	8.7	23123500
SGS305 SON-T 100W 230 ST	9.0	23124200
SGS305 SON-T 150W 230 ST	9.3	23125900
SGS305 HPLN 80/125W 230	-	22593700

All versions are equipped with 230 V/50 Hz and gear and, if present, self-stopping ignitors. Other voltages, NEMA photocell socket, dimming gear are available. Painted luminaires (colour specified with RAL colour code) are available on request. * The most popular configurations are listed. However if your required configuration is not included, please use the separate choice sheet brochure to specify your desired configuration.



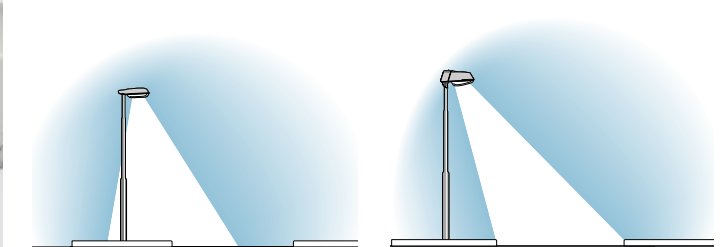
Motorway A58, Breda, the Netherlands



Removing the gear unit.

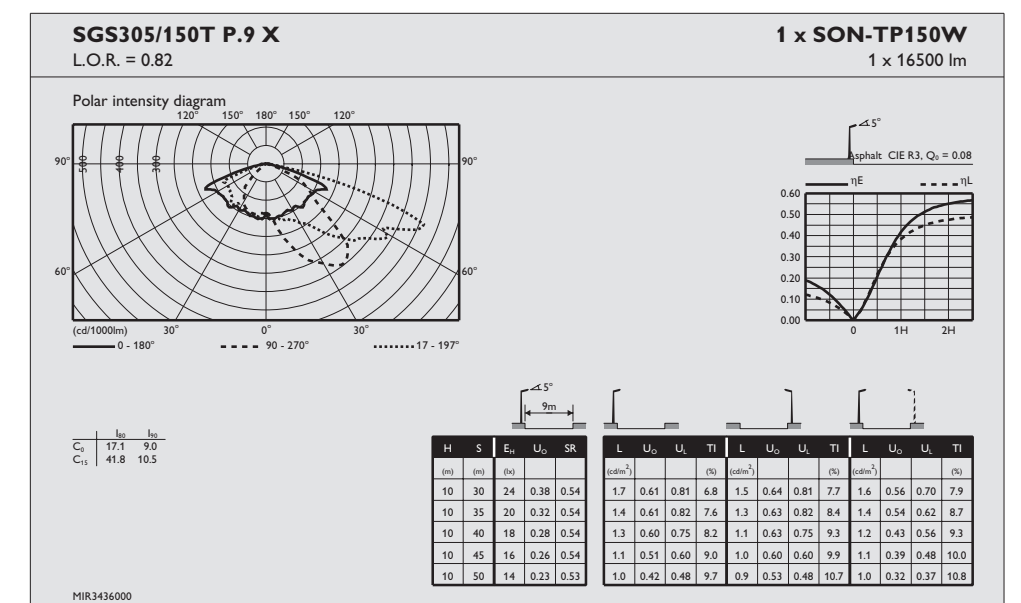


Removing the lamp.



A fixed optical system limits the effectiveness of the utilization of the beam.

The adjustable TrafficVision optical system provides excellent directional beam control towards the road surface.

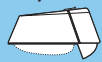
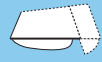
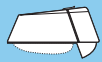
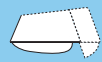

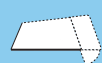





Note: These pages show only a selection of the photometric data. For the full range of data please refer to your Philips Lighting Outdoor CD Rom.



TrafficVision

Range overview TrafficVision SGS 305/405*

Housing	Covers	Lamps	Gears	Controls
<p>Polyester*</p> 	<p>PMMA bowl</p> 	<p>Fitting</p> <p>E27 E40</p>	<p>Ballast</p> <p>Conventional</p>	<p>Photocell</p> <p>NEMA Minicell 14 mm hole 20 mm hole</p>
<p>Aluminium**</p> 	<p>Polycarbonate bowl</p> 	<p>SON-I</p>  <p>SON-I 50 W SON-I 70 W SON-I 50/70 W</p>	<p>Ignitor</p> <p>Semi-parallel Semi-parallel self-stopping Series Series self-stopping</p>	<p>Light regulation</p> <p>Dimming EC01/03/11 Chronosense</p>
<p>Colours</p> <p>* Grey or RAL ** Grey</p>	<p>Flat glass</p> 	<p>SON-T</p>  <p>SON-T 50 W SON-T 70 W SON-T 100 W SON-T 150 W</p>	<p>Mains</p> <p>220 V/60 Hz 230 V/50 Hz 240 V/50 Hz</p>	
		<p>SON-E</p>  <p>SON-E 50 W SON-E 70 W SON-E 100 W</p>	<p>Capacitor</p> <p>Yes No</p>	
		<p>HPL-N</p>  <p>HPL-N 50 W HPL-N 80 W HPL-N 125 W</p>	<p>Fuse</p> <p>Yes No</p>	
			<p>Class</p> <p>Cl. II</p>	

*This range overview shows you at-a-glance the configuration possibilities and options. For ordering and specifying refer to the choice sheet booklet that comes with this catalogue



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