

# Esplanade - SGP 401

**Outdoor**  
Application

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# Product description

Road lighting luminaire suitable for use with high pressure Sodium Vapour lamp SON-T 150 / 250 W or Metal Halide lamp CDM-TT 150 / 250 W.

## Features

- Housing made of single piece high pressure die-cast aluminium alloy with low copper content for sturdiness and excellent corrosion resistance. Specially designed styling with powder coated finish for improved aesthetics and better environmental protection.
- All electrical accessories such as energy efficient, low loss, open construction copper ballast; ignitor and powder factor improvement capacitor are pre-wired up to the terminal block.
- The lamp compartment consists of electrochemically brightened and anodized, high purity POT reflector for efficient distribution.
- Heat resistance toughened flat glass cover for glare free lighting.
- The flat glass cover is fixed to the housing with two number stainless steel hinges and three number stainless steel clips for maintained contact pressure throughout life offering IP 65 level of ingress protection for the lamp as well as gear compartment ensuring long life of components and maintained efficiency of light distribution.
- The hinging mechanism of the flat glass cover retains the cover when it is opened resulting in ease of maintenance.
- The specially designed pole mounting mechanism ensures secure mounting even in high winds and offers a built-in tilt of 5° to ensure proper light. Suitable for pole entry diameter of 50 to 60 mm.
- Specially designed extruded EPR gasket ensures the declared level of ingress protection throughout the life of the luminaire.

## Applications

- Major city roads
- Junctions and roundabouts
- Industrial areas
- Car parks and other open areas

## Installation

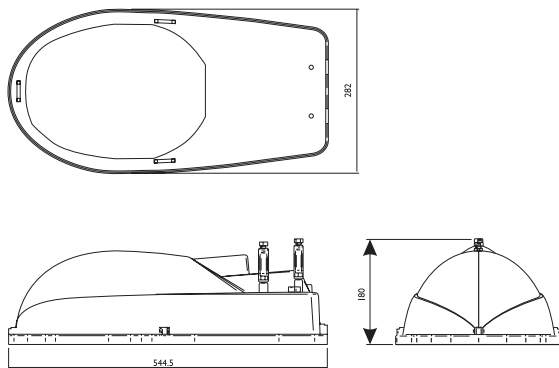
- Pole entry diameter of 50 to 60mm O.D.

## Compliances

- IP 65
- Class I

**Technical data**

Type	For lamp	Nominal voltage (V)	Main current (A)	Nominal power factor
SGP40 I 1xSON-T150W	1 x SON-T 150W	240	0.85	>0.85
SGP40 I 1xSON-T250W	1 x SON-T 250W	240	1.40	>0.85
SGP40 I 1xCDM-TT150W	1 x SON-T / CDM-TT 150W	240	0.85	>0.85
SGP40 I 1xCDM-TT250W	SON-T / HPI-T / CDM-TT 250W	240	1.40	>0.85



Technical Drawing

## Ordering data

Type	Ordering data	Quantity per box	Dimensions (mm)	Net weight (kg)	Gross weight (kg)	Volume (m3)
SGP401 1xSON-T150W	919115120251	1	550 x 290 x 190	3.50	0.03	-
SGP401 1xSON-T250W	919115120250	1	550 x 290 x 190	3.50	0.03	-
SGP401 1xCDM-TT150W	919115120247	1	550 x 290 x 190	3.50	0.03	-
SGP401 1xCDM-TT250W	919115120246	1	550 x 290 x 190	3.50	0.03	-

Note: Ballast of suitable rating shall be packed separately (packing data on request).

