



Selenium – simple, efficient performance

Selenium

Selenium SGP340 is an efficient, ergonomic road-lighting luminaire. Its simple, rounded form reduces its daytime visual impact, allowing it to integrate into any kind of environment. Selenium incorporates the renowned T-POT reflector for excellent optical performance. Energy savings are possible by means of dimming with a switch or stand-alone Chronosense system (without pilot cable). Selenium is suitable for side-entry or post-top mounting, with a choice of three tilt angles for optimal installation (0, 5, 15°).

Benefits

- Efficient, ergonomic road-lighting luminaire with a simple, rounded form that reduces daytime visual impact
- Energy savings are possible by means of dimming and CMS control

Features

- Incorporates the renowned T-POT reflector for excellent optical performance
- Economic performance up to 400W
- Three tilt angles for optimal installation on mast or bracket

Application

- Traffic routes
- Urban and residential streets

Specifications

Type	SGP340	Light source	HID:
			- 1 x MASTER SON-T PIA Plus / E27 / 50, 70 W
			- 1 x MASTER SON-T PIA Plus / E40 / 100, 150, 250, 400 W
			- 1 x SON / E27 / 50, 70 W
			- 1 x SON / E40 / 100, 150, 250 W

	- 1 x SON-I / E27 / 50, 70 W
Lamp included	Yes (K) No
Mains voltage	230 or 240 V
Gear	Electro magnetic (low loss), 230 or 240 V / 50 Hz: - Inductive (IN) Electronic, 220 - 240 V / 50 - 60 Hz: - Electronic (EB)
Optic	Facetted semi closed T-POT (TP)
Optical cover	Glass flat (FG), reduce glare and improve night nuisance Polycarbonate bowl (PC) vandal-resistant
Ignitor	Series (SI) Series, self-stopping (SS) Semi-parallel (SP) Semi-parallel, self-stopping (ST)
Options	Lighting controls: Chronosense (CH) Light regulation: - Dimming switch (SW) - Dimming switch with reverse function (SWR) Photocell: NEMA socket (P1), Minicell (P3) Fuse (FU) included Knife-connector (KC) included
Materials and finishing	Canopy and frame: die-cast aluminum Mounting module: die-cast aluminum Optical covers: polycarbonate bowl or toughened glass Reflector: high-purity aluminum Closing clip: stainless steel

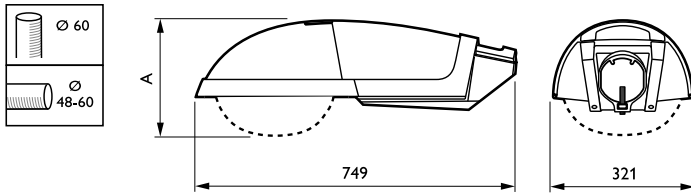
Color	Grey (RAL 7035) Other RAL colors available on request
Installation	Side-entry mounting: lateral entry Ø 48 / 60 mm (48/60) Post-top mounting: axial entry Ø 48 / 60 mm (48/60) Spigot is reversible for side-entry and post-top Recommended mounting height: 10 m Standard tilt angle post top: 5° Adjustable tilt angle: 0.5 and 15° Adjustable light distribution: 5 positions Max windage area: 0.14 m Max SCx values by side: 0.077 m
Maintenance	From above by opening the housing with a single quick-release clip No tools needed for geartry and disconnection of plug and socket
Accessories	Spigots for 34 mm side-entry, ZGP340 SP34S and 76 mm post-top, ZGP340 SP76P
Main applications	Industrial areas, roads, crossings, roundabouts

Versions



Selenium SGP340, svítidlo uličního
osvětlení s polykarbonátovým
krytem (PC)

Dimensional drawing



Product

SGP340 SON-T70W K EBD I FG D9 48/60
SGP340 SON-T100W K EBD I FG D9 48/60
SGP340 SON-T150W K EBD I FG D9 48/60
SGP340 SON-T250W K EBD I FG D9 48/60
SGP340 SON-T250W K EBD I PC D9 48/60
SGP340 SON-T70W K 240V I PC SKD P1 34/42

Product details

Selenium SGP340 road-lighting
luminaire with flat glass



Selenium SGP340 road-lighting
luminaire with polycarbonate bowl



General Information

Cap-Base	E40
CE mark	CE mark
Coating	-
Gear	EBD
Lamp family code	SON-T
Lamp power	250 W
Number of light sources	1
Optic type	Open T-POT
Product Family Code	SGP340

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	5°

Mechanical and Housing

Colour	Grey
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Approval and Application

Order Code	Full Product Name	Mech. impact protection code
05958500	SGP340 SON-T250W K EBD I FG D9 48/60	IK08
05967700	SGP340 SON-T250W K EBD I PC D9 48/60	IK10

General Information

Order Code	Full Product Name	Optical cover/lens type
05958500	SGP340 SON-T250W K EBD I FG D9 48/60	FG

Order Code	Full Product Name	Optical cover/lens type
05967700	SGP340 SON-T250W K EBD I PC D9 48/60	PC

