Iridium SGS253/453

SGS253 SON-T100W K II OR PC FM GR SND

IRIDIUM, SON-T, 100 W, Open CT-POT, Polycarbonate bowl/cover

Iridium is a family of road-lighting luminaires designed for three main applications – residential areas and minor roads, major roads and motorways. Its modularity allows the integration of optical or electronic components in order to adapt to the changing demands of road lighting, e.g. the growing demand for white light and controls. Iridium ensures low cost of ownership thanks to its superior optics, dimming and Telemanagement capability, and ease of installation and maintenance. The Iridium luminaire family includes MASTERColour CDM Elite MW, CosmoPolis and LED-enabled versions. It comes in four different sizes – for mounting heights from 3.5 to 12 meters – and is suitable for side-entry and post-top mounting. A full range of brackets ensures visual consistency between the column and the gently rounded luminaire, making Iridium a total solution. Each Iridium luminaire is fully recyclable; only the light source and driver have to be recycled separately.
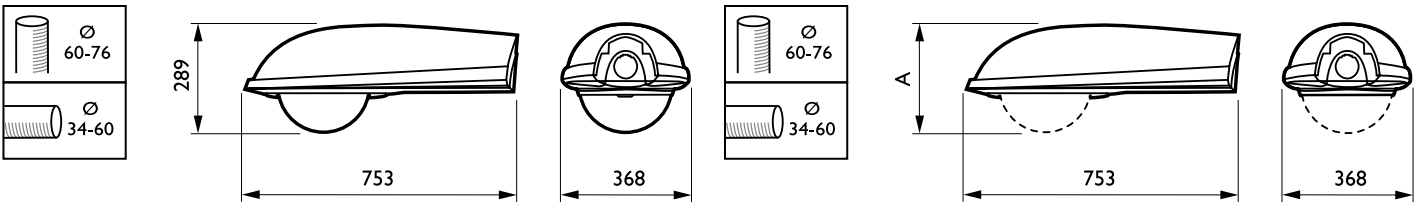
Product data

General Information

Lamp family code	SON-T [SON-T]
Gear	CONV [Conventional]
Photocell	-
Product family code	SGS253 [IRIDIUM]
Embedded control	-
CE mark	Yes
ENEC mark	ENEC mark

Light Technical

Standard tilt angle posttop	5°

Standard tilt angle side entry	5°
Number of light sources	1
Optical cover type	Polycarbonate bowl/cover
Optic type outdoor	Open CT-POT

Operating and Electrical

Input Voltage	230 V
Power Consumption	100 W

Mechanical and Housing

Housing Color	Grey

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Overall height	289 mm
Parts color	–

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class II

Product Data	
Order product name	SGS253 SON-T100W K II OR PC FM GR SND

Full product name	SGS253 SON-T100W K II OR PC FM GR SND
Full product code	871794386557400
Order code	910503772718
Material Nr. (12NC)	910503772718
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8717943865574
Numerator – Packs per outer box	1
EAN/UPC – Case	8717943865574

Dimensional drawing

Product	A
SGS253 SON-T100W K II OR PC FM GR SND	289 mm

www.lighting.philips.com

2023, September 4 – data subject to change