



Iridium SGS253/453

SGS253 SON-T100W K II CR PC GR SND

IRIDIUM, SON-T, 100 W, Closed 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	Closed CT-POT
Operating and Electrical	
Input Voltage	230 V
Power Consumption	100 W
Mechanical and Housing	
Housing Color	Grey

Datasheet, 2023, September 4 data subject to change

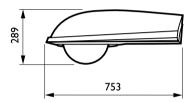
Iridium SGS253/453

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 CR PC GR SND

Full product name	SGS253 SON-T100W K II CR PC GR SND	
Full product code	871155984262200	
Order code	910502123618	
Material Nr. (12NC)	910502123618	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711559842622	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8711559842622	

Dimensional drawing







Product	Α
SGS253 SON-T100W K II CR PC GR SND	289 mm



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.