PHILIPS Lighting



Iridium SGS253/453

SGS253 SON-T100W K EB 240V I CR PC FM GR

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

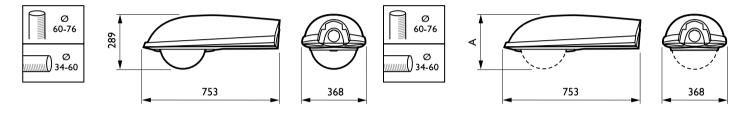
General Information		Standard tilt angle side entry	5°
Lamp family code	SON-T [SON-T]	Number of light sources	1
Gear	EB [Electronic]	Optical cover type	Polycarbonate bowl/cover
Photocell	NEMA socket for photocell	Optic type outdoor	Closed CT-POT
Product family code	SGS253 [IRIDIUM]		
Embedded control	-	Operating and Electrical	
CE mark	Yes	Input Voltage	240 V
ENEC mark	ENEC mark	Power Consumption	100 W
Light Technical		Mechanical and Housing	
Standard tilt angle posttop	5°	Housing Color	Grey

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 I	
Product Data		
Order product name	SGS253 SON-T100W K EB 240V I CR PC FM GR	

Full product name	SGS253 SON-T100W K EB 240V I CR PC FM GR
Full product code	872790060913400
Order code	910503717318
Material Nr. (12NC)	910503717318
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900609134
Numerator - Packs per outer box	1
EAN/UPC - Case	8727900609134

Dimensional drawing



Product	А
SGS253 SON-T100W K EB 240V I CR PC FM GR	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.

www.lighting.philips.com 2023, October 9 - data subject to change