PHILIPS Lighting



Iridium SGS252/452

SGS252 SON-T100W K EB I OR PC FM GR P1 S

IRIDIUM, SON-T, 100 W, Electronic, 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	EB [Electronic]	
Photocell	NEMA socket for photocell	
Product family code	SGS252 [IRIDIUM]	
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	240 V
Power Consumption	100 W
Cable	-
Mechanical and Housing	
Housing Color	Grey

Iridium SGS252/452

Mounting device	-	
Overall height	263 mm	
Parts color	-	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	

Safety class I

IK08 [5 J vandal-protected]

SGS252 SON-T100W K EB I OR PC FM GR P1 S

Full product name	SGS252 SON-T100W K EB I OR PC FM GR P1 S
Full product code	872790060947900
Order code	910503716218
Material Nr. (12NC)	910503716218
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900609479
Numerator - Packs per outer box	1
EAN/UPC - Case	8727900609479

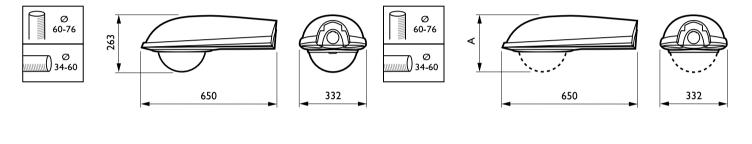
Product Data

Order product name

Protection class IEC

Dimensional drawing

Mech. impact protection code



Product	А
SGS252 SON-T100W K EB I OR PC FM GR P1 S	263 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.