

Iridium SGS252/452

SGS452 CDO-TT100W K II OR GB FM GR SND

IRIDIUM, MASTER CityWhite CDO-TT, 100 W, Open CT-POT, Glass 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	CDO-TT [MASTER CityWhite CDO-TT]
Gear	CONV [Conventional]
Product family code	SGS452 [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	Glass bowl/cover
Optic type outdoor	Open CT-POT

Operating and Electrical	
Input Voltage	230 V
Power Consumption	100 W
Cable	-

Mechanical and Housing	
Housing Color	Grey
Mounting device	-

Iridium SGS252/452

Overall height	219 mm
Parts color	-

Approval and Application

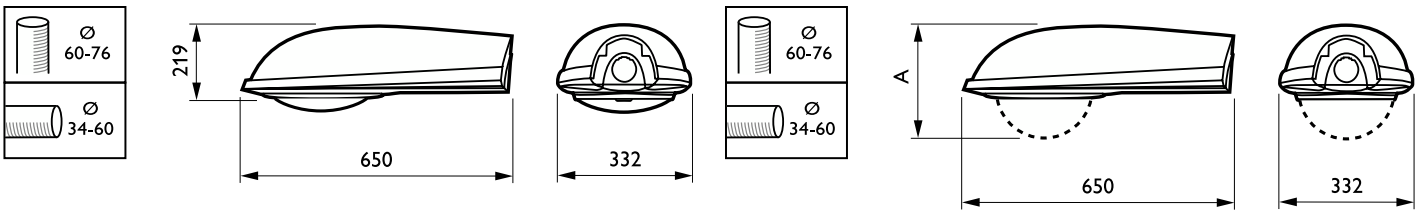
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class II

Product Data

Order product name	SGS452 CDO-TT100W K II OR GB FM GR SND

Full product name	SGS452 CDO-TT100W K II OR GB FM GR SND
Full product code	871794386548200
Order code	910503771818
Material Nr. (12NC)	910503771818
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943865482
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943865482

Dimensional drawing



Product	A
SGS452 CDO-TT100W K II OR GB FM GR SND	219 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.