

# SCOTIA™ SUN MAST WP720

Zero-emission lighting  
for streets and parks.



© Scotia / Adam Mork

## Physical

Dimensions: H12334 mm × W227 mm × D227 mm. Weight 445kg.

## Materials and finish

S355 steel, hot dip galvanized. Aluminium, EN AW 6005 T6.  
Finish: Steel, powder coated black RAL9011. Aluminium, anodized black HX50

## PV Panels

IEC 61215, IEC 61730, MCS, CE

## Conformity / Protection

Designed according to EN40, Terrain category II, Vandalism class: EN50102 IK Class 8, PV panels mounted 2m above ground, Mast IP40, Electrical components IP66, Operating temperatures: -25°C - +60°C.

## Installation

Grid connection: Via inverter supplied and installed either inside the mast, or outside the mast with a cluster of mast's connected to a centralized inverter.

## PV electrical performance

PV type: 18 x Scotia 40-10, 10 cell High performance monocrystalline PV panels.  
Nominal power output: 720Wp. Performance sensitivity ± 45° of optimum orientation: < -5%  
Panel orientation: 6 x PV panels East, 6 x PV panels West, 6 x PV panels South

## Lamp arm connection

DIN M60 for mounting Scotia Lamp arm.

## Inverter

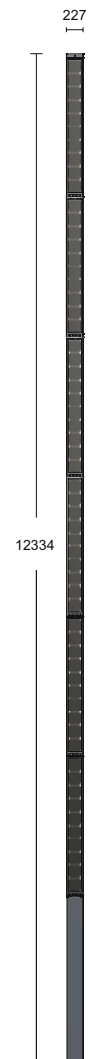
CE approved, grid tied 230VAZ / 50Hz

## Metering, Remote Monitoring & Lighting Control

Not included but available on request.

## Design

IPR: Patent pending, Design by Steven Scott.



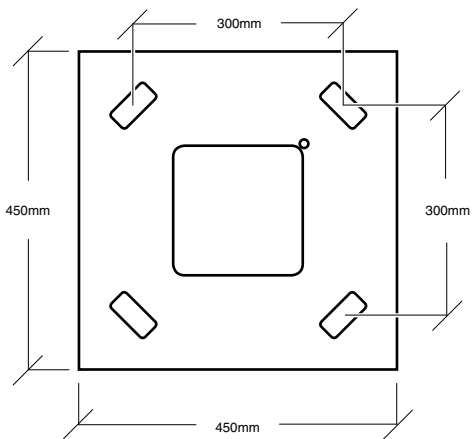
# SCOTIA™ SUN MAST WP720

Zero-emission lighting for streets and parks.

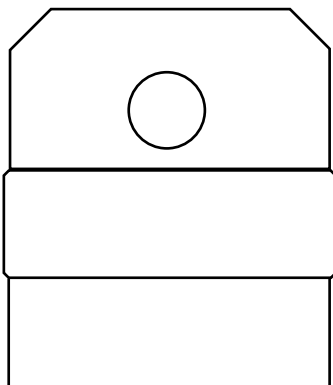


© Scotia / Adam Mork

## ■ Flange Plate



## ■ Mast Top



## ■ Mast Hatches

