

DATA SHEET:

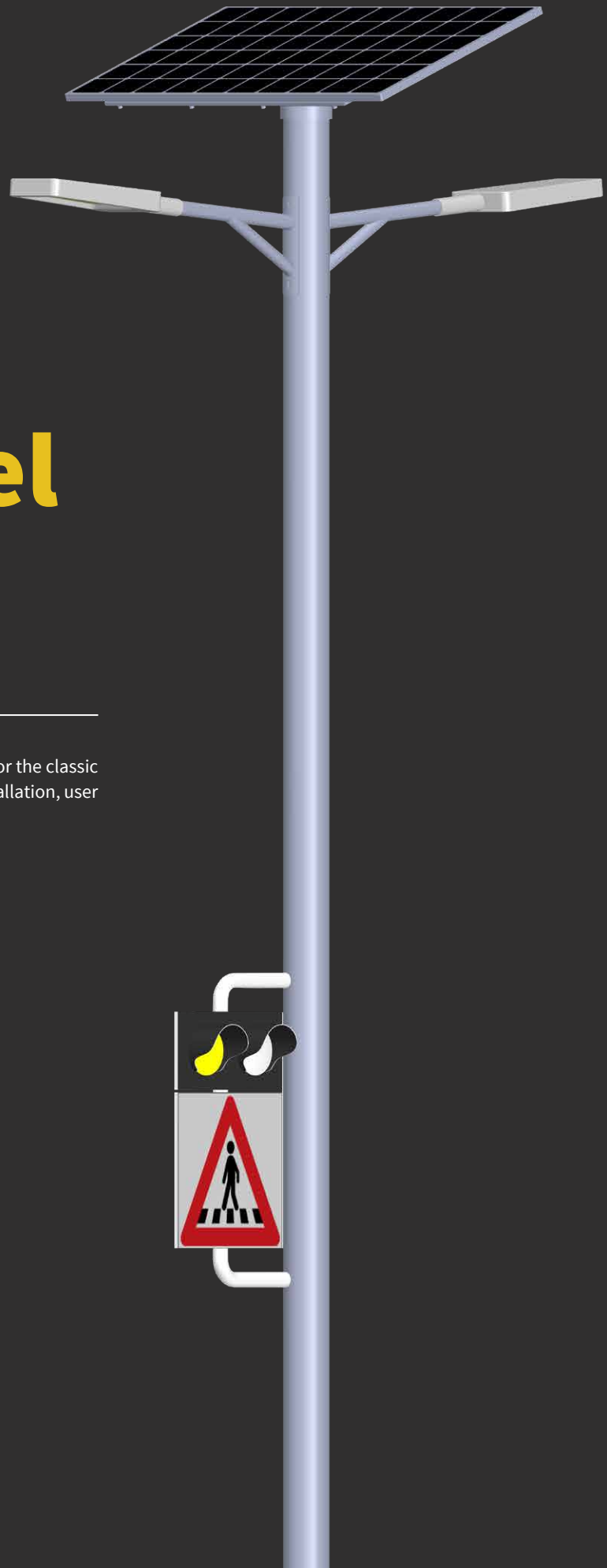
# Suncil® Flat Panel Solution

The Suncil® FPS (Flat Panel Solutions) are designed for the classic solar street light solutions but adding significant installation, user and life advantages.

## FEATURES:

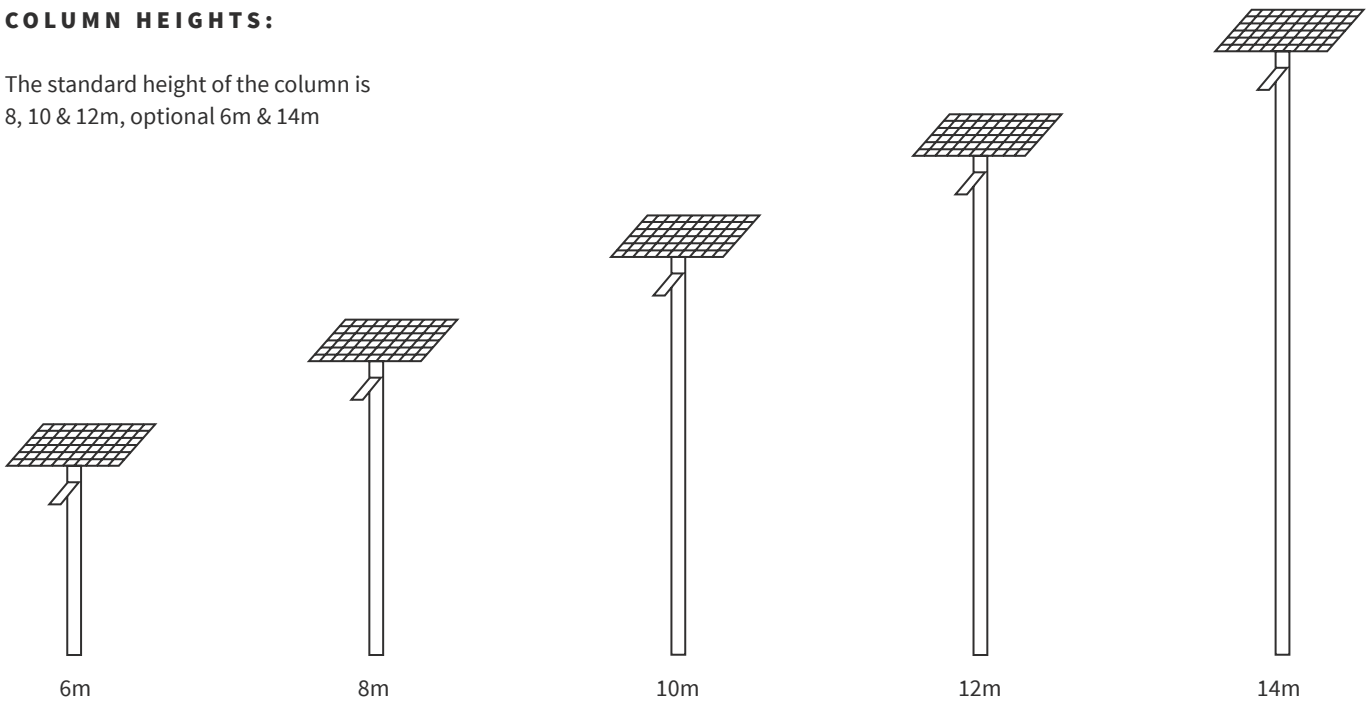
- » Customizable solar columns
- » Range 8 - 12m
- » PV power from 290-600Wp
- » Adjustable panel angle to the sun
- » Battery solutions
- » Up to 600W charging with 98% system efficiency
- » Up to 240W output and dimming options
- » Cloud base monitoring & control

**Suncil**<sup>®</sup>  
A MAKEEN ENERGY COMPANY

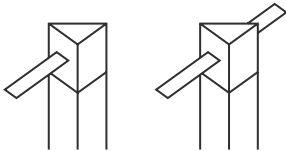


**COLUMN HEIGHTS:**

The standard height of the column is 8, 10 & 12m, optional 6m & 14m

**LAMP ARMS:**

Option of one or two lamp arms in the desired lengths, customized to your project needs.

**BATTERY:**

The management system is prepared for an external battery chamber with the following BMS options:

- » AGM
- » Lead-Crystal
- » LiFePO4
- » Lithium-Titanate-oxide battery

**BATTERY CHAMBER**

The solution has an in-ground/In-Foundation battery chamber providing easy service and IP68 protection.

**OPTIONS**

- » Flag holders
- » Deco solutions
- » Billboard access

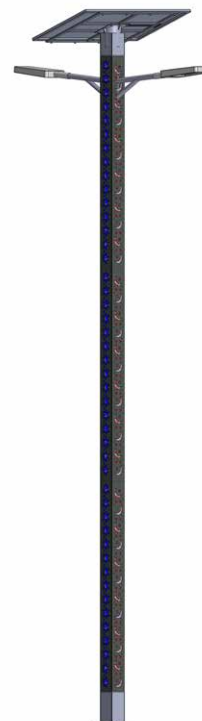
**LIGHT SOLUTION**

Suncil offers a range of solar driven street light solutions from 2.000-28.000 lumens output, as well as an open-end solution for other luminaire manufactures for 12/14V powered solutions.

**INTEGRABLE SMART CITY FEATURES**



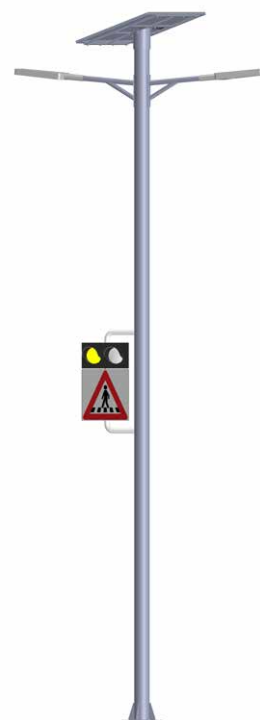
*Flag holders*



*Deco solutions*



*Traffic control  
Billboard access*



*Pedestrian  
crossing*



# Inspired by Nature, **Powered by Sun**

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Suncil® is a Danish based cleantech company, delivering smart city solar solutions for street lighting and infrastructure.

The company is born out of the notion that humanity has a responsibility to deliver a greener, safer and smarter world to our children's generation in order to secure a sustainable world.

We believe there is no time for sitting around, waiting for climate change to go away.

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We need to take matters into our own hands and act now. This is the reason why we are working towards solving UN's 17 Sustainable World Goals as an integrated part of our business model.

Climate change cannot be solved solely by a single company. Governments, institutions and businesses need to work together, so our children can grow up in a brighter world.

***Together, we create the future of tomorrow.***

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