



OptoSolar

Colonna

The Colonna Pole is a lighting solution that utilizes vertical solar LED lighting systems integrated into the pole's structure, providing a sustainable and efficient source of illumination. The photovoltaic modules are mounted vertically in a 360° arrangement, allowing for maximum solar energy capture throughout the day. This energy is stored in batteries and used to power the artificial lighting at night. The Colonna Pole is suitable for a wide range of external application areas and offers several advantages over conventional solutions, such as a more uniform and aesthetically pleasing lighting source, as well as requiring less installation space.



Colonna

Colonna Mechanical Details

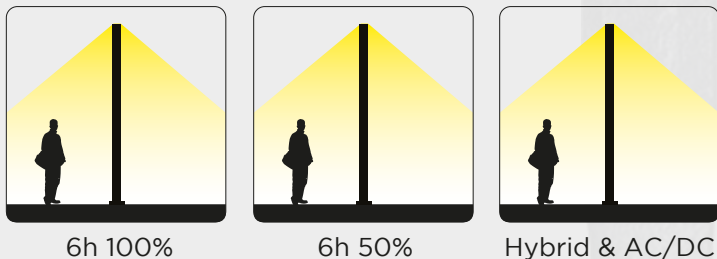
- Aluminium profile body and accessories
- Stainless steel screws
- Silicone gasket
- In compliance with European Standards EN-60598
- Mechanical impact resistance IK 08
- Protection Grade IP66
- Electrical installation Class I
- Electrostatic polyester powder coating with high thermal conductivity

Colonna Electrical Details

Colonna Lighting Details	Led	4000k
Single (4mt.)	15W	2175lm.
Single (5mt.)	20W	2900lm.

Colonna Solar Details	Hexagonal Solar P.	Battery	Charger
Single (4mt.)	100W	LiFeP04 310wh	MPPT
Single (5mt.)	140W	LiFeP04 360wh	MPPT

Dimming

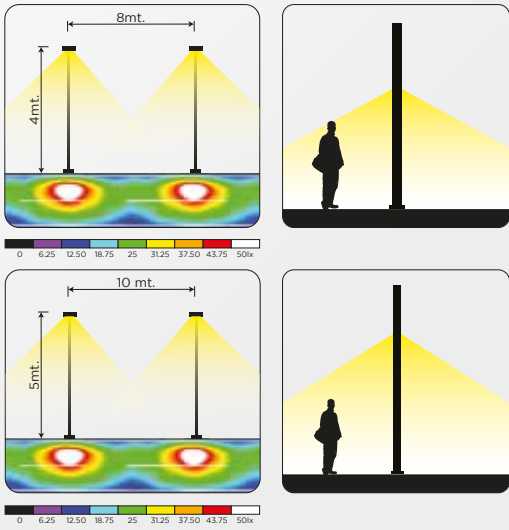


Charging



Colonna

Optical Details



Technical Details

