Urban Solar Inset Pathway Marker





Urban Solar provides the **Inset Pathway Marker (IPM)** as the perfect eco-friendly solution for illuminating parks, pathways, trails and more.

The Inset Pathway Marker (IPM) by Urban Solar is a fully self-contained solar pathway marker that allows for safe use of pedestrian and multi-use pathways from dusk until dawn. The IPM sits flush with a concrete pathway surface, allowing for trip-free use by pedestrians, skateboards, bicycles, and other pathway users. Each IPM is manufactured from virtually-indestructible cast aluminum, with a shatter-resistant polycarbonate cover that stands up to buses, snow-plows and other heavy vehicles.

The Urban Solar IPM will be installed along the entire length of the 40+ mile Coachella Valley Link, the longest paved multi-use pathway in North America.



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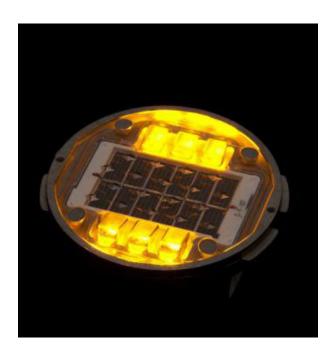


Applications

- Pedestrian pathways
- Multi-use trails
- Bikeways
- Lane delineation
- · Visibility in inclement weather
- · Docks
- Harbors
- Stairways
- Rural Roads

Benefits

- · Pathway and road illumination safety
- Minimal visual clutter with great daytime appearance
- No electrical design or wire install costs
- · No ongoing carbon emissions
- No regular maintenance
- Immune from power outages
- · No ongoing electricity costs



Specifications

Performance

• Charging time: 3 hours / 8 hours cloudy

Operating time: 16+ hoursCycles (days): 100,000Expected life: 10+ years

General

· Warranty: 3 year full replacement

• Lens construction: UV stabilized polycarbonate

• Housing: 380 cast aluminum

• Water proof rating: IP68

• Operating temperature: -13°F to 158°F

• Dimensions (in): ø 6.02" x 2.09"

• Weight (lbs): 2.23#

 Certifications: CE, Compressive Load (53,775 lbf), IP68, ISO 9001

Solar

• Module size (in): 82" x 82"

Maximum output power: 0.693W

• Operating current: 140mA

· Voltage: 4.95V

LED

• LED size: 3528 chip LED + e10 lens

· Current: 20mA per each

• Operating current: 10mA (3pcs), 20mA ()

• Voltage: 3V

· Wattage: 30mW (3pcs), 60mW (6pcs)

• Quantities: 3 pieces, 6 pieces

· LED colors: red, orange, green, blue, white, warm white

· Lighting profile: constant, flashing

Storage

 Pseudocapacitor: 2.3V, 120F (LiFeP04 3.7V, 2600mAh battery in Ultra Bright model)