



FONROCHE
lighting AMERICA

Autonomous Solar
Street Light

HELIA

The Most Reliable Solar Lighting in the World

HELIA combines elegance and functionality through a sculptural, recognizable silhouette designed to enhance its surroundings. Cutting-edge technology, optimized for maximum performance, is seamlessly integrated into a sleek, airy form. Autonomous and easy to deploy, HELIA delivers light exactly where it is needed, without compromise. Where aesthetics and innovation meet, the rules of lighting change.



No Cost

No Trenching Cost,
Zero Electric Bills, Zero
Maintenance for 10 Years



8 Years

Parts & Labor Warranty
Including Energy Box
with No Pro Rating



365

Nights of lighting
per year guaranteed



200,000 +

SmartLight Systems
Installed Worldwide



RGB

LED RGB Marking



**PHOTOVOLTAIC MODULE**

Power [Wp]	150 Wp
Cell technology	Monocrystalline
Types of Photovoltaic Module	Transparent Backsheet
Lifetime	> 25 years
Yield	> 20%
Certifications	IEC 61215 I & II IEC 61730

BATTERY

Chemistry	NiMH (Nickel Metal Hydride)
Nominal voltage [V]	24 V
Capacity [Ah]	26 Ah /39 Ah
Energy [Wh]	624Wh / 936 Wh
Lifetime	4000 cycles or 10 years
IP index	IP67
Location and Reparability	Under the photovoltaic module with access via the solar panel
Certifications	IEC 62133-1

LED Fixture

Nominal Power [W]	30 W Nominal
Color temperature [K]	2200K - 2700K - 3000K
Motion sensor	PIR integrated into the luminaire
Luminous Efficiency [lm/W]	> 200 lm/W
LED fixture tilt [°]	0° / 5° / 10°
IP index	IP66
IK Index	IK09
CRI	>70

STRUCTURE

Dimensions (inches)	39.29 × 39.29 × 4.21 in
Material Structure	Aluminum Foundry
Material Fixing System	Aluminum Foundry
Diameter of the fixing system	Via mechanical adaptation part
Weight (in lb)	88.18 lb
Maximum wind speed [mph]	140mph

GENERAL INFORMATION

Minimum autonomy	365 nights a year
Operating temperature	-4°F / +158°F
Remote management LoRA	Possible via LoRa Radio Frequency
Frequency Band	AU915 / US902 / EU868

Project

Notes

Fixture
Color

Color
Temp

Optics Type

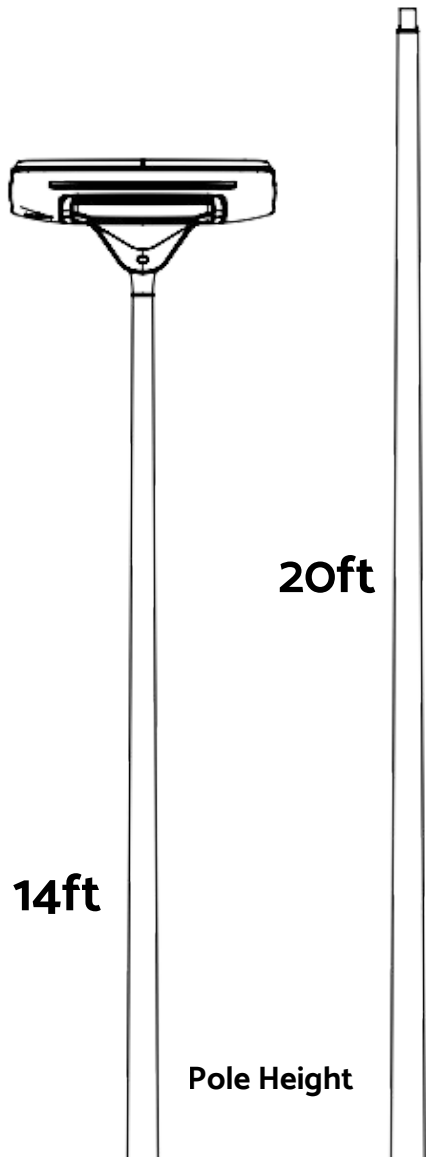
Fixture
Tilt

Pole
Length

Power
Center

Panel Tilt

Solar



Color Options

- Titanium Sheen
- Concrete Mist
- Black Shadow

