



LIGHTING THE WAY IN SOLAR LED TECHNOLOGY

RELIABLE EVEN WHEN THINGS GO WRONG

Unlike traditional street lighting,
ClearWorld's solutions operate

OFF-THE-GRID

meaning that in the event of a power
outage, residents won't be left
in the dark.

REDUCE/ELIMINATE COSTS IMMEDIATELY

ClearWorld's patented universal
retro-fit design operates at

70-100% LESS

than the cost associated with
traditional street lighting.

ENVIRONMENTALLY RESPONSIBLE

ClearWorld's solar LED technology

ELIMINATES

the carbon footprint of a
traditional utility light pole.

THE PATENTED RETROFIT COMPONENTS, DIMENSIONS, PARTS AND PIECES

We are all about options at ClearWorld. Our lights come in multiple sizes and shapes. We are focused on design and beauty, as we believe that streetlights should have nice architecture and style - keeping your area beautiful. The display shows how our lights are structured and the various components within the array. The aesthetically pleasing and resilient design minimizes wind impact and maintenance compared to flat panel solar solutions.



RETROFLEX™ 
SOLAR

- Components**
- 1. LED Streetlight
 - 2. Solar Charge Controller/Regulator
 - 3. Rechargeable Lithium Ion Battery Pack
 - 4. Universal Adjustable Aluminum Array

RETROFLEX™ : Next Generation

Available Heads

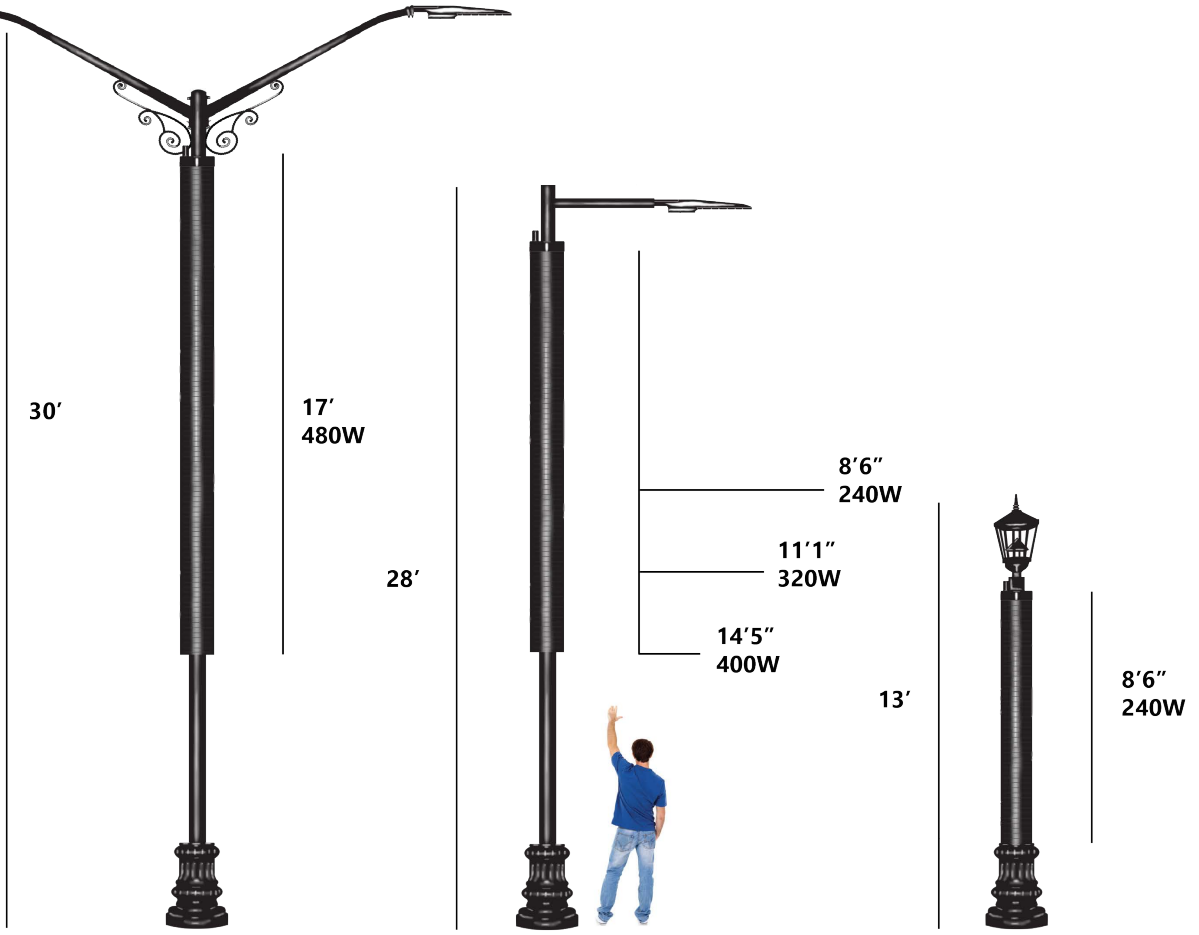
Flood Light



Parking Lot Light



Street Light



Specifications	RW240	RW240X2	RW320	RW400	RS240	RS320
Description	Roadway 240W	Roadway 240W Dual Head	Roadway 320W	Roadway 400W	Residential 240W	Residential 320W
Model #	RW2402460-OG	RW2402460X2-OG	RW3202475-OG	RW4002475-OG	RS2402460-OG	RS3202475-OG
Hardware	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array	Patented Adjustable Aluminum Array
Flexible CIGS Thin Film Solar Panels	240W	480W	320W	400W	240W	320W
Battery Pack	24V, 60AH Lithium Ion	24V, 60AH Lithium Ion	24V, 75AH Lithium Ion	24V, 75AH Lithium Ion	24V, 60AH Lithium Ion	24V, 75AH Lithium Ion
Charge Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller	MPPT Smart Controller
Lighting Control <small>fully programmable with dimming</small>	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth	Integrated Bluetooth
LED Light	37.5W LED, 144-162 Lumens per watt	2x 37.5W LED, 144-162 Lumens per watt	37.5W LED, 144-162 Lumens per watt	60W LED, 144-162 Lumens per watt	30W LED, 144-162 Lumens per watt	30W LED, 144-162 Lumens per watt
Dimensions (length)	8'6"	17'	11'1"	14'5"	8'6"	11'1"
Weight (lbs)	74	148	82	93	74	82

Please call for more detailed specifications and drawings