



# RA365 INTEGRATED SOLAR LED STREET LIGHT



## SYSTEM SPECIFICATIONS

- **Solar Panel Type** Mono Crystalline
- **Solar Panel Capacity** 18V 50W (30W)  
18V 80W (60W)  
18V 100W (80W)
- **Backup Time** 2 Days (Auto Control)
- **Charge Controller** PWM / MPPT Charging  
Valid for 6 Hours of Sunshine  
Overheat Protection  
Output Short Circuit Protection
- **Battery** LiFePO4 12.8V 24Ah (30W)  
LiFePO4 12.8V 39Ah (60W)  
LiFePO4 12.8V 51Ah (80W)

## LUMINAIRE SPECIFICATIONS

- **Power** 30W  
60W  
80W
- **Fitting Material** Die Cast Aluminium
- **Fitting Color** RAL 9006
- **Ingress Protection** IP66
- **Impact Protection** IK09
- **Voltage** 12V
- **Operating Temperature** -20 ~ +50°C
- **Installation** Ø48 - 60 mm Pole  
Vertical / Horizontal

## LED MODULE SPECIFICATIONS

- **LED Chip** Lumileds 5050
- **Color Temperature** 5000K
- **L70** 100,000 Hrs @ 25°C

## APPLICATION

- Residential Areas, Roads, Parking Lots, Squares, Parks, Municipal, Agriculture Lightings & Aquaculture Lightings

12hrs DIMMING		
TIME	DETECTION	
	YES	NO
4hrs	100%	
5hrs	55%	30%
3hrs	70%	

\* Special dimming profile is upon request.

## FEATURES

- Stable Photoelectric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles
- Micro Current Charging Function
- Vertical Installation and Horizontal Installation
- Adjusted 360° Angle Rotation
- Multiple Lenses
- Convenient Maintenance

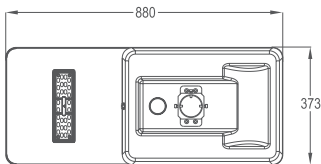
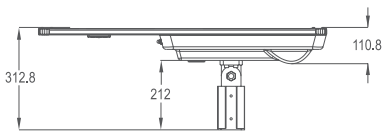
## MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LM / W	SOLAR PANEL CAPACITY	LIFE PO4	NO. OF MODELE	NO. OF LEDS	NETT WEIGHT
30W	RA36530	170	18V 50W	12.8V 24Ah	1	18	15.2 kg
60W	RA36560	170	18V 80W	12.8V 39Ah	1	28	21.4 kg
80W	RA36580	170	18V 100W	12.8V 51Ah	2	36	23.5 kg

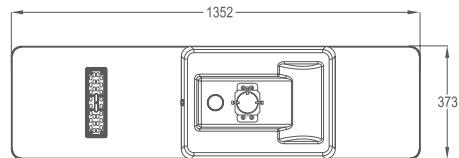
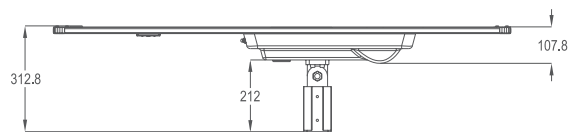


## DIMENSION

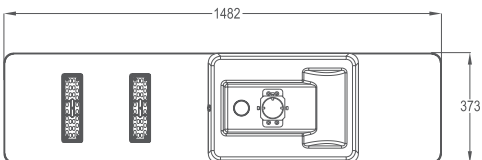
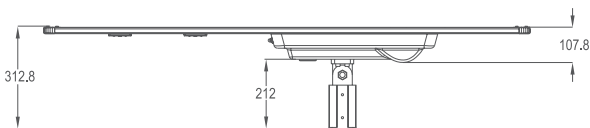
RA36530



RA36560



RA36580



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