



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

### APPLICATION

- Residential Areas, Roads, Parking Lots, Sures, 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

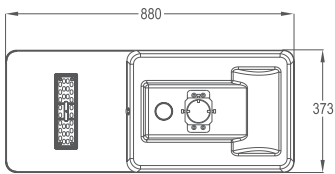
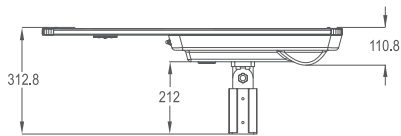
### MEASUREMENT & ORDER CODE

| 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     |

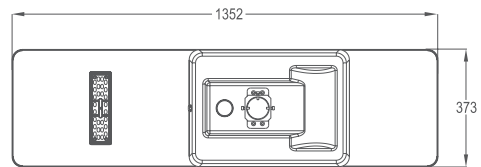
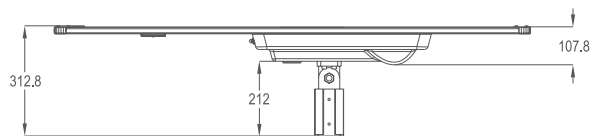


## DIMENSION

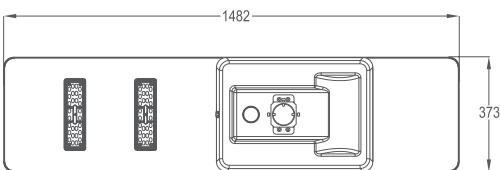
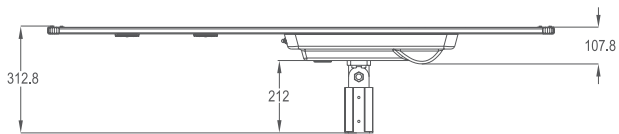
RA36530



RA36560



RA36580



Note: All specifications are subject to change without prior notice for product improvement. Images, pictures, and illustrations used are for illustrative purposes only and the color printed may differ from the actual product.