



LUMINAIRE SPECIFICATIONS

- **Power** 30W
60W
80W
120W
- **Fitting Material** Die Cast Aluminium
- **Fitting Color** RAL 9006
- **Ingress Protection** IP66
- **Impact Protection** IK08
- **Voltage** 12Vdc & 24Vdc
- **Operating Temperature** -20 ~ +50°C
- **Beam Angle** Type II
- **Sensor** Microwave Motion Detection
Up To 20m Distance
(For 30W, 60W, & 80W Only)
- **Installation** Ø48 - 60 mm Pole
Side Entry, 0° Tilting (For 30W only)
Post Top, 0° - 25° Tilting (For 30W,
60W, 80W & 120W)

LED MODULE SPECIFICATIONS

- **LED Chips** 5050
- **Color Temperature** 5000K (Other CCT Upon Request)
- **Color Rendering Index** RA >70
- **L70** 100,000 Hrs @ 25°C

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LUMEN	SOLAR PANEL CAPACITY	LITHIUM-ION	NO. OF MODULES	NETT WEIGHT	CARTON DIMENSION (L x W x H) mm
30W	RA36530	4200	18V 50W	12.8V 21Ah	1	8.5 kg	735 x 420 x 128
60W	RA36560	8200	18V 95W	12.8V 44Ah	2	16 kg	1198 x 585 x 135
80W	RA36580	11200	18V 95W	12.8V 54Ah	2	18 kg	1198 x 585 x 135
120W	RA365120	16800	36V 145W	25.6V 50Ah	4	30 kg	1420 x 560 x 190

SYSTEM SPECIFICATIONS

- **Solar Panel Type** Mono Crystalline
- **Solar Panel Capacity** 18V 50W (30W)
18V 95W (60W)
18V 95W (80W)
36V 145W (120W)
- **Backup Time** 2 Days (Pre Set Time Profile)
- **Charge Controller** MPPT Charging
Overheat Protection
Output Short Circuit Protection
- **Battery** Lithium-Ion 12.8V 21Ah (30W)
Lithium-Ion 12.8V 44Ah (60W)
Lithium-Ion 12.8V 54Ah (80W)
Lithium-Ion 25.6V 50Ah (120W)

TIME PROFILE			
WATTAGE	TIME DURATION OF 12 HRS	MOTION DETECTION	
		YES	NO
30W, 60W & 80W	4hrs	100%	
	5hrs	55%	30%
	3hrs	70%	
WATTAGE	TIME DURATION OF 12 HRS	DIMMING PROFILE	
120W	4hrs	100%	
	6hrs	30%	
	2hrs	70%	

FEATURES

- Stable Photo-electric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles (Battery)
- Micro Current Charging Function
- Adjusted 360° Angle Rotation
- Convenient Maintenance
- Membrane For Pressure Stabilize
- Adjustable Angle Of Solar Panel
- Operate By On / Off Switch

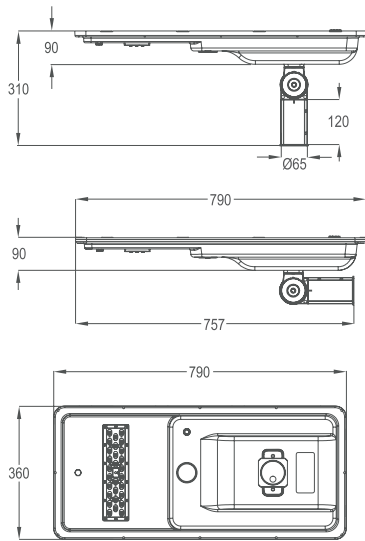
APPLICATION

- Residential Areas, Parking Lots, Parks, Security Needs, Aquacultures & Agricultures Lightings

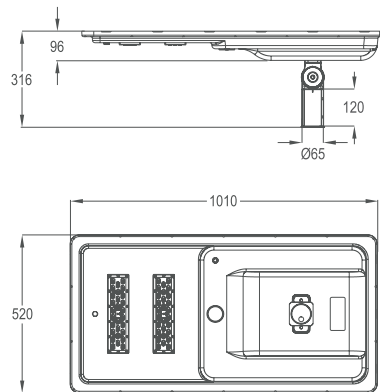


DIMENSION

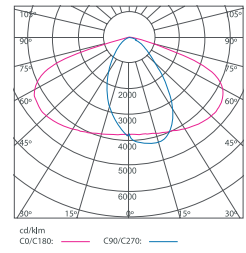
RA36530



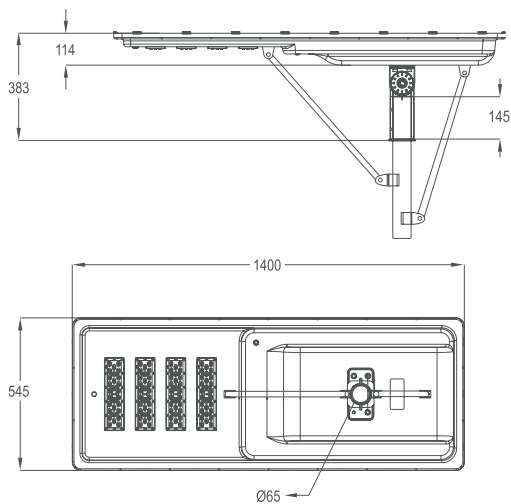
RA36560 / RA36580



PHOTOMETRIC



RA365120



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.