

# LEADSUN<sup>®</sup>

"Bright Ideas For An Even Brighter Future."



CE | IP65 | IK08



## AE3C (Split Type) Solar Street Light

AE3C series split type consists of an off-grid solar system and LED light head separately and satisfies the needs of complicated street lightings. The users can adjust the direction of solar panel and LED light head depends on actual requirements to reach the best energy utilization and lighting effects.



Monocrystalline  
Solar Module



Efficient  
Controller



LiFePO4 Li-ion  
Battery



Motion  
Sensor



Superior  
Outdoor LED

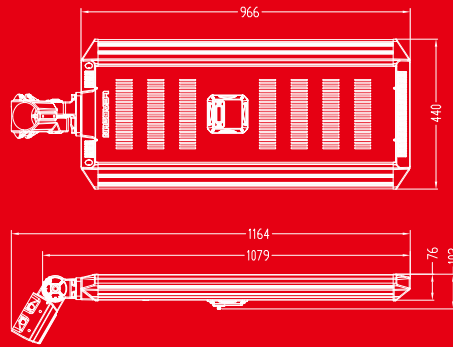


IP65  
Waterproof



5 Years  
warranty

## Physical Dimensions (mm)



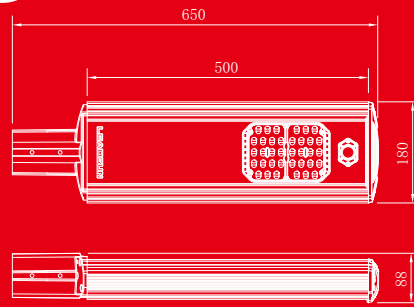
AE3CS60N

### SOLAR ENGINE TECHNICAL DATA

Model No.	AE3CS60N
<b>Physical Parameters</b>	
Power of PV Module (W)	60
Lithium Battery Capacity (Ah/Wh)	24Ah(308Wh)
Net Weight of Product (kg)	15.3
Dimension of Product (mm)	1079(L)×440(W)×102(T)
Controller Type	Touch-tone controller
Working Mode	100% brightness when motion is detected, 30% brightness when no motion is detected
Wireless Control Function (Optional)	/
<b>Packing Parameters</b>	
Dimension of Carton (mm)	1133(L)×155(W)×510(T)
Gross Weight of Product (kg)	18
<b>Environment Requirement</b>	
Charge Temperature	0°C~54°C
Discharge Temperature	-20°C~54°C
Storage Temperature (<3 months)	-20°C~45°C
Storage Temperature (3~12 months)	-20°C~25°C
<b>Mounting Recommendation</b>	
EPA (Effective Projected Area) (ft <sup>2</sup> )	3.05
APA (Actual Projected Area) (ft <sup>2</sup> )	2.54
Maximum Bracket Inner Diameter (mm)	76
Wind Load Rate (mph)	130
Top of Pole or Tenon OD (mm)	70~76

- \* The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- \* The torque setting for any bolts or screws used to secure the luminaire to the bracket is 14 N/m.
- \* Use for outdoors only!

## Physical Dimensions (mm)



RS12/RS20/RS30/RS40

## LED LIGHT HEAD TECHNICAL DATA

Model No.	RS20
Qty. of LED Chips	36
PIR Sensor	●
Maximum Input Power of PV Module (W)	200W
Range of Input Voltage (V)	12V
Storage Temperature	-20°C~45°C
Net Weight (kg)	4.5
Dimension of Product (mm)	650×180×88
<b>Light Parameters</b>	
Light Output (W)	20
Optional Distribution	Type 2, Type 3
Visual Angle	140°×70°
Color Temperature (K)	5000K
Typical Luminous Flux (lm)	3700
<b>Packing Parameters</b>	
Dimension of Carton (mm)×2set	710(L)×240(W)×225(T)
Gross Weight of Package (kg)	11
<b>Mounting Recommendation</b>	
EPA (Effective Projected Area) (ft <sup>2</sup> )	0.57
APA (Actual Projected Area) (ft <sup>2</sup> )	0.47
Wind Load Rate (mph)	130
Installation Height (m)	4~7
Installation Distance (m)	15-25
Recommended Diameter of arm (mm)	60

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