

# AE3 Split Model



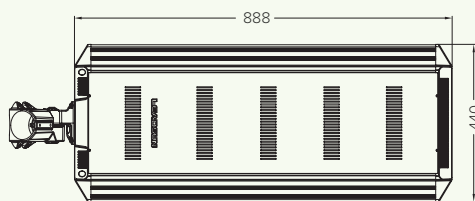
## Product Structure

One of the major components is Modularity design with IP65 rate, which is easy to assemble and maintain. IP65 rated components ensure endurance against harsh weather and keep the AE Series free from corrosion and premature failure.

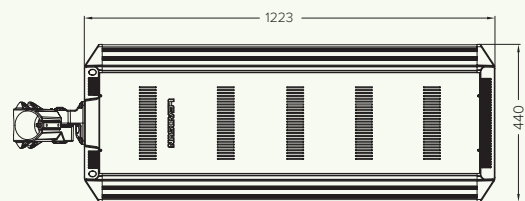
## Split Design

The AE3 split design enables the ability to capture maximum energy by setting the direction of the solar engine facing to the strongest solar radiation, while the lamp faces the site you want to illuminate. With split design, users will take the benefit of flexible installation as well as all-in-one features.

## SOLAR ENGINE DIMENSIONS (mm)

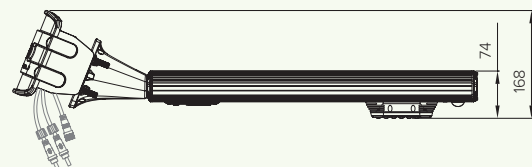
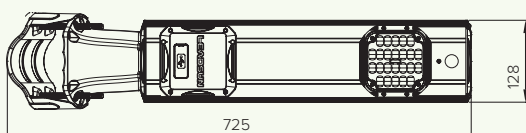


AE3S55L



AE3S80N

## P-SERIES LED LIGHT DIMENSIONS (mm)



LSRM12-B2/LSRM12-C2/LSRM12-F2

## SOLAR POWER SYSTEM TECHNICAL DATA

Model No.	AE3S55L	AE3S80N
Physical Parametres		
Power of PV Module (W)	55	80
Lithium Battery Capacity (Wh)	230 (18Ah)	346 (27Ah)
Net Weight of Product (kg)	16.8	17.4
Dimension of Product (mm)	1000(L)×440(W)×70(T)	1330(L)×440(W)×76(T)
Packing Parametres		
Dimension of Carton (mm)	1060(L)×170(W)×510(T)	1400(L)×170(W)×510(T)
Gross Weight of Product	15.0	18.0
Environment Requirements		
Charge Temperature	0°C–60°C	0°C–60°C
Discharge Temperature	-20°C–60°C	-20°C–60°C
Storage Temperature	-20°C–45°C	-20°C–45°C
Mounting Recommendations		
EPA (effective projected area) (m2)	0.35	0.35
APA (acutal projected area) (m2)	0.30	0.30
Wind Load Rate (kph)	178	178
Top of Pole or Tenon OD (mm)	60–76	60–76


## P SERIES LED LIGHT TECHNICAL DATA

Model No.	LSRM12-B2	LSRM12-C2	LSRM12-F2
Physical Parametres			
PIR Sensor	√	√	√
Net Weight of Product (kg)	3.6	3.8	3.8
Dimension of Product (mm)	725 × 128 × 74	725 × 128 × 74	725 × 128 × 74
Light Parametres			
Light Output (W)	10	16	30
Light Distribution	Asymmetrical	Asymmetrical	Asymmetrical
Colour Temperature (K)	5000	5000	5000
Typical Luminous Flux (lm)	1500	2400	4500
Light Photosensitivity (lx)	30	30	30
Environment Requirements			
Storage Temperature	-20°C–45°C	-20°C–45°C	-20°C–45°C
Mounting Recommendations			
EPA (effective projected area) (m <sup>2</sup> )	0.04	0.04	0.04
APA (acutal projected area) (m <sup>2</sup> )	0.03	0.03	0.03
Wind Load Rate (kph)	178	178	178
Top of Pole or Tenon OD (mm)	60–90	60–90	60–90


## ILLUMINATION ZONE

Recommended Installation Height (m)

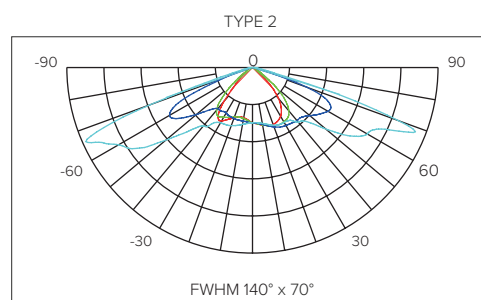
Recommended Installation Distance (m)



10W	16W	30W
3–5	4–7	5–8



10W	20W	30W
12–20	15–25	20–30



High Efficient Controller



Battery Management System



CREE LED



Infrared Motion Sensor



IP65



**Leadsun Australia Pty Ltd**  
 Address: 42 Greens Rd, Dandenong Sth, VIC 3175  
 Email: sales@leadsun.com.au  
 Tel: 1300 532 378 (1300 Leadsun)  
 Web: leadsun.com.au

