

AE2 All In One



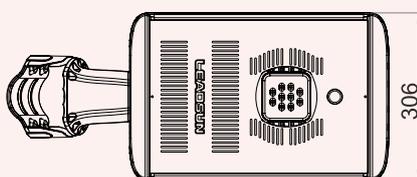
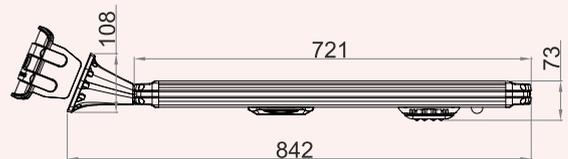
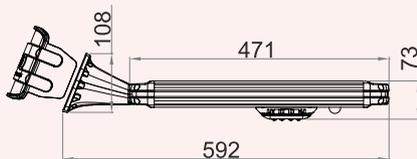
Product Structure

All major components are modular, designed to comply at IP65 standard rating. Simple for assembly and maintenance providing endurance to harsh weather and keeping free from corrosion therefore reducing premature failure

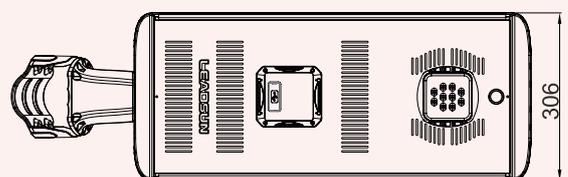
All In One Design

The original concept of using the all in one design continues delivering multiple features such as long lifespan, minimal maintenance requirements and ease of installation. Combining flexibility, powerful and extreme efficiency it creates a perfect solution for off grid applications.

SOLAR ENGINE DIMENSIONS (mm)



AE2S15D-A2



AE2S30I-B2

TECHNICAL DATA

Model No.	AE2S15D-A2	AE2S30I-B2
Power of PV Module (W)	15	30
Lithium Battery Capacity (Wh)	77 (6Ah)	154 (12Ah)
PIR Sensor	√	√
Net Weight of Product (kg)	6.6	8.9
Dimension of Product (mm)	592 × 306 × 108	842 × 306 × 108
Controller Type	Touch-tone controller	Touch-tone controller
Light Parameters		
Light Output (W)	5	10
Colour Temperature (K)	5000	5000
Typical Luminous Flux (lm)	750	1500
Light Photosensitivity (lx)	30	30
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) (m ²)	0.09	0.12
APA (actual projected area) (m ²)	0.08	0.10
Wind Load Rate (kph)	178	178
Top of Pole or Tenon OD (mm)	60–90	60–90

ILLUMINATION ZONE

Recommended Installation Height (m)

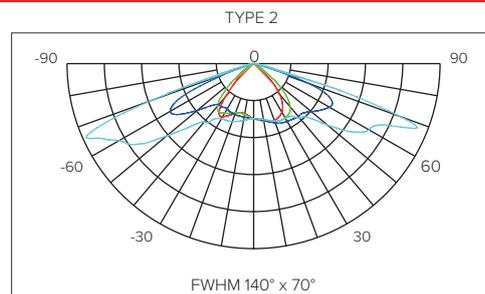
Recommended Installation Distance (m)



5–8W	10–15W	20W
3–5	3–6	4–7



5–8W	10–15W	20W
10–15	12–20	15–25



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