

ASE G3-SC SOLAR LIGHT

12 Volt

- Standalone Bus Stop Lighting
- Residential & Community Lighting
- Home Owner Association Lighting

TUVus CERTIFIED TO UL CLASSIFICATION

1838



Assembled in Las Vegas at ASE's TUVus Certified Factory

Technical Specification

Model	G3-SC (Snow Cap) SOLAR LIGHT
Solar Modules	3 Triangular shaped Fixture Integrated PV (FIPV) 9 Watt Modules form a pyramid with the fourth side of the pyramid being the access door. Module is Monocrystalline laminated with black Tedlar & Tempered Glass. Total of more than 27 Watts PV.
LED Bulb	12Volt E26 Base 3W or 5W LED 6000K bulb (Various LED Bulbs & Kelvin color available upon request) Life span of LED 5 years or more.
Battery	12VDC 12Ah Sealed Lead Acid included (Life span 1-3 years). 12.8VDC 11.4Ah K2 Lithium Ion Phosphate Battery (life span 5-6 years) also available.
Operating Temperature	Lead Acid Battery -10~115 degrees F; Lithium Ion Phosphate Battery -40~140 degrees F available
Controller	Phocos Programmable 10 Amp or 20 Amp Controller. Controller runs Dusk to Dawn or it can be programmed to turn off the light for middle of the night. Various other options available
Light Output	3W LED Flood Light bulb with 120 lumens per Watt (360 lumens) equal to a 60W incandescent bulb. Can upgrade to 5W LED Flood Light bulb with 120 lumens per Watt (600 lumens) equal to a 75 - 100 watt incandescent bulb.
Ground Illumination	360 degree socket 30'-35' around or Adjustable Angle Socket Flood Light 50' - 80' around, Illumination at 1.2 - 2.2 foot candles at 8' - 10' from ground.
Light Run Time	3W Bulb - 14 hours per night at full power 365 days per year. System autonomy 30 hours for 2 winter nights.
Fixture size	20 inches square X 23 inches tall, including "bird deterrent cap" and Lexan Lens
Fixture Weight	35 lbs. with Lithium Ion Phosphate Battery; 38 lbs. with lead-acid Battery
Individual Box Size	43-46 lbs. 24(L) X 22(W) X 22(H) inches
Installation	10'-13' (above ground) 3" OD tube or 3.5" OD schedule 10 mounting pole, can be top mounted with a 10" x 10" base plate, or set into concrete a recommended minimum of 3'deep x 18" wide. <i>Access Door must be pointed to the North for proper charging</i>
Maintenance	All the components are field maintainable - Bulbs, Battery and Controller
Warranty	Includes a 1-year manufactures warranty on all parts and components. However, the Solar Modules & Fixture warranties are for 10 years. Lithium Battery warranted for 2 years.

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