Product Description

The Alume SR solar LED street light is an all-in-one solution, with a low profile design, and an integrated motion sensor with smart controller. Designed for remote areas 12' to 16' in height, where no electricity needed. The deep cycle battery can charge and discharge over 500 times. The Alume SR can operate four continuous rainy days in Intelligent mode.
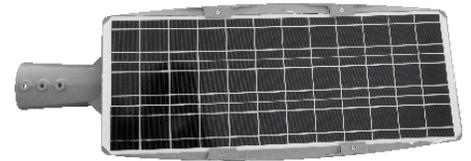
Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

· Energy-efficient Philips Lumileds 5050 SMD LEDS with high efficacy >100 Lm/W
· In stock and ships from several U.S. locations for quick delivery
· Better visibility than HID or fluorescent with crisp, white light in 5700K CCT
· Patented design with high quality components, excellent choice for retrofitting
· National listing lab tested to IES standards
· Solid State with high-shock and vibration resistance
· High lumen maintenance exceeds DOE requirements
· 1/9th LED micro color binning enables tight color control
· Aviation grade die cast aluminum housing with professional flat silver gray finish
· Housing is sandblasted and polished for corrosion resistance, rust free and fadeless
· Streamlined housing, no rough edges or scraping, with SUS316 stainless steel hardware
· Housing and driver compartment is one piece to maximize heat dissipation
· CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
· Copper condensation valve balances the air pressure and prevents water vapor accumulation
· High quality and efficient thermal heatsinks for long life
· Cooling fins are added to the heatsink for low temperature and higher efficiency
· Shatterproof polycarbonate anti-glare semi-transparent lens over the LEDS
· Pole mounting accepts 2.375" (60mm) O.D. adjustable to a 15 degree upwards tilt
· Patented double waterproofing design on the radiator and module to prevent condensation
· Includes a 18650 lithium battery 12V 20 Ah
· Solar panel is manufacturerd to 18V monocrystalline silicon
· Full power > 12 hours a day, intelligent mode 3-4 days
· Fast turn on with no warm up or cold start issues
· High power factor with IC controlled LED circuits and low THD driver
· Low junction temperature for long life and low lumen depreciation
· Instant illumination and restrike with no warm up or cold start issues
· Contains no mercury, lead, infrared or UV radiation and cool to the touch
· Commercial CRI: RA>70
· Operating temperature: -20 to 50 degrees celsius
· 100,000 hour LED life
· IP66 rated for outdoor locations
· 2 year limited warranty

Alume SR
Solar LED Luminaire

Models:

· VVDSLS50W: 50W - 4932 Lm - 29.5" (L) x 10" (W) x 4" (H) - 16.5 Lbs - EPA 0.86
· VVDSLS70W: 70W - 11026 Lm - 37.2" (L) x 11.7" (W) x 5" (H) - 26.4 Lbs - EPA 0.91

Ordering Information:

	Part Number:	

*Adder Applies					Ordering Example: VVDSL50W-57-T3-12-SV-PM-MS-PC		
Family	**CCT**	**Optic**	**Voltage**	**Finish**	**Mounting**		**Controls**
VVDSLS50W VVDSLS70W	57 - 5700K	T4 - Type IV Short 150 x 70	12 - 12V 20AH	SV - Silver Gray CS - Custom*	PM - Pole Mount		MS - Motion Sensor

Dimensions, specifications, and product pictures are subject to change without notice.

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Revised 3.23.25

VividLeds
ILLUMINATING YOUR GREEN FUTURE