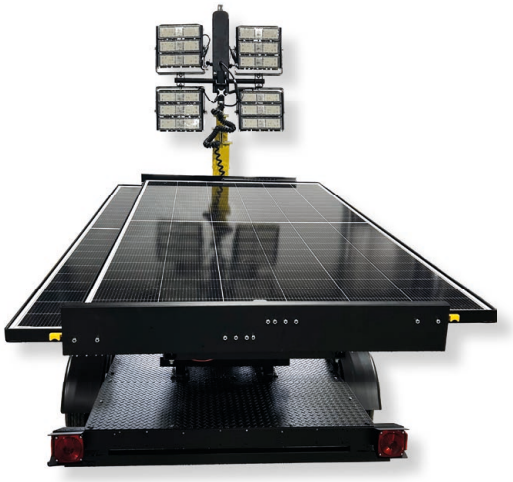
BEACON978 LED SOLAR TOWER DATASHEET

The **Beacon978 LED Solar Tower** is a sustainable lighting solution powered by an oversized 1,210W solar array, paired with four 150W high-output LED light heads. Built for durability and efficiency, it's designed to operate year-round in any environment. Fully autonomous, it features a photocell sensor and programmable timer, delivering reliable illumination while drastically reducing emissions. Ideal for large area site lighting, concrete pours, and roadway or walkway lighting, this lightweight, trailer-mounted tower is the easiest way to bring powerful, off-grid lighting to your jobsite.

LE980LED-T-4DKIT

Add a clip-on diffuser kit to your Beacon978 LED Solar Tower.



Features

- Equipped with a 1,210W solar array.
- Powered by 8.4kWh Lithium-Ion battery.
- Heating element for the battery.
- AC (15A 120V) & PV (solar) charging abilities.
- 20A 120V GFCI duplex utility receptacle.
- Programmable timer.
- Selector switch to run either 2 or 4 light heads at a time.

Benefits

- Up to 26 hours of lighting on a single charge
- Incredibly easy to deploy.
- Ability to perform in cold environments.
- Very low maintenance.
- Adjustable solar panel angles.
- Dusk-to-dawn lighting control.

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SPECIFICATIONS

Overview	***Part Number***	LE978LEDVSOLAR-TRAILER
	Description	600W LED Towable Solar Tower
	Colours	Yellow – Default **Black and custom colour options available at request*
Lights	***Watts***	600W
	Amperage	5A @120V
	Lumens	90,000 lumens
	Voltage	90V-277V
	Weatherproof Rating	IP65 weather and wet location
	Construction	High strength lightweight aluminum housing with polycarbonate lens
	LED Expectancy	50,000 hours
	Approvals	Approved to UL & CSA standards **Meeting OSHA, MOL/WorkSafe, NEC and CEC regulations.*
Mast	***Height***	16ft 10in from the ground (fully extended)
	Construction	Heavy-gauge powder coated steel
	Wind Resistance	45mph (72km/h)
Chassis	***Tires***	15in trailer tires
	Features	Towable with a 2in ball
	Dimensions (stowed)	134in L x 72in W x 98in H
	Dimensions (deployed)	134in L x 96in W x 202in H
	Construction	Heavy-gauge powder coated steel
	Weight	1,200lbs
Battery	***Cell***	25.6V 330Ah 8.4kWh Li-Ion battery pack
	Run Time (100% SOC)	• 2 Light Heads = 26 hours • 4 Light Heads = 13 hours
	Features	Lockable, ventilated & on/off switch
	Dimensions	26.5in L x 24in W x 25in H
Solar Array	***Specifications***	1,210W solar array (2x 605W panels)

Solar Charging Disclaimer

Solar power generation can be significantly impacted by the following factors; time of year, geographic location, damaged or dirty PV panels, cloudy weather conditions, shaded or covered installation areas, the direction the solar array is facing, and the angle that the solar array is set at. Refer to the "Solar Panel Information" section in the user manual for more information on best practices and installation guidelines.