- *Solar and engine charging*

- *Long run time*

- *Self starting and stopping*

- *Advanced engine control*

- *100W, 200W and 300W settings*

- *Heavy duty design*

- *Simple hourly and daily timer*

- *Hybrid technology to decrease engine emissions and maximize solar charging*

Applications:

Traffic   **Construction**   **Mining**   **Utilities**   **Security**

Trailer

Width across fenders	78"
Length	121"
Axle	3500 lb
Tires and wheels	ST205/75D15 load range C
Hitch	2" ball coupler with other options
Draw bar	3" square tube, 3/16" wall, removable
Weight	3400 lbs
Battery Box	14 ga. formed steel, anti-theft, dual hidden shackle solid security locks
Jacks	(4), swing type, 2000 lb ea., (1) wheel type on draw bar. (2) slide out jacks at rear
Brakes	Surge type

Lamps

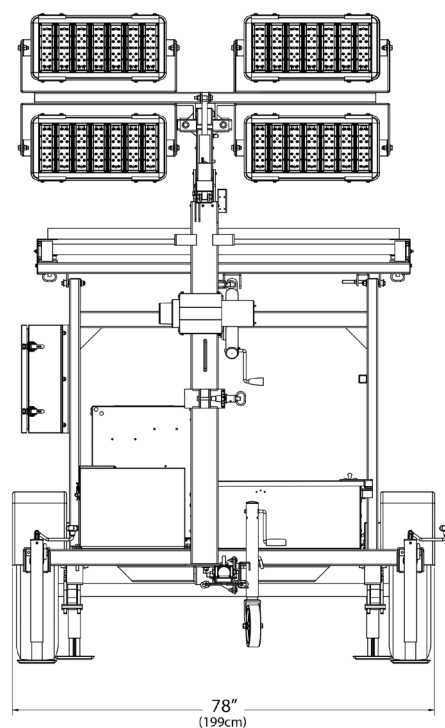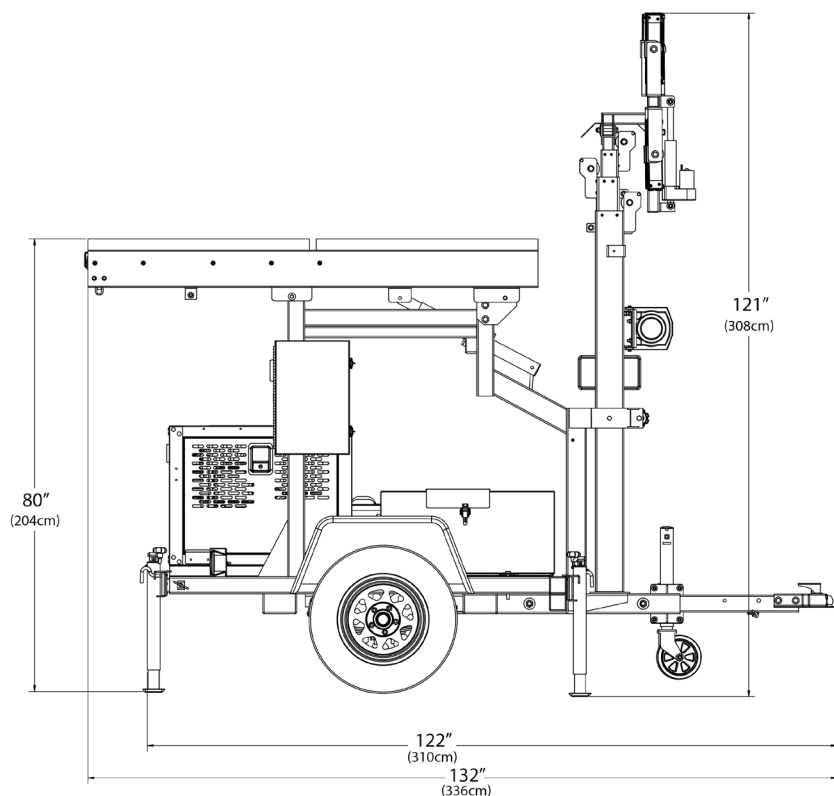|	
Type	High intensity LED's, (4) 300W lamps, sealed LED modules
Housing	Formed Aluminum
Orientation	Each lamp tilts and turns
Lens	Molded 60°
Control	Day/week/hourly timer, individual lamp control
Dimmer	3 brightness setting
Electric tilt	Optional

Specifications

Power Source

Collectors	750w slide out, polycrystalline, anti-theft fasteners
Output	24v
Meters	(2) Momentary, LED type for collector output
Collector tilt	0° to 40° via a manual crank
Charger	30A, 24v, fan cooled, external plug
Batteries	AGM sealed, 12v wired for 24v
Battery controller	PWM type
Photocell	Manual or dusk to dawn operation
Timer	3, 6, 9 and 12 hours plus Monday through Sunday

Mast

Mast height up	20'
Mast height down	10'
Mast base	5" square, 3/16" wall, easy glide, with welded turn handle
Mast type	Three stage with stored vertically, 360° rotation
Mast cable	3/16" wire rope, 4,200 lbs breaking strength
Winch type	2500 lb, double disc, self braking hand winch, electric lift -optional

121"
(308cm)

80"
(204cm)

122"
(310cm)

132"
(336cm)

78"
(199cm)