

W|ECO Solar Arrow Boards



WTSP



The new generation of W|ECO® Arrowboards is even more power-efficient. Innovative engineering employs a unique power system that uses small, eco-friendly batteries. The result is a remarkable technology that benefits the environment without sacrificing performance. W|ECO Arrowboards set the highest standards of quality and performance in the industry.

Solar Traffic Director Models

Model # Price	Solar Panels Wattage	Battery Bank Capacity (amp-hr)	# of Lamps	# of Arrow Modes
WTSP-LSA	50	450	15	7
WTSP-LSAC	50	450	25	12



Details

Maintenance-free

W|ECO batteries never need maintenance. Never. Consequently, W|ECO batteries have a longer useful lifespan, also saving costs associated with replacement.

Functionally friendly

For simple deployment, a heavy-duty winch with safety brake allows one person to raise the arrow board, and a single locking device holds the board in place. Constructed of rigid, tubular steel, all joints are welded. Bolt-on fenders can be replaced if damaged.

In the travel position, Wanco's unique design fully supports the board without rear braces. As a result, it never strikes another surface during transport. This innovation virtually eliminates the damage that other arrow boards endure.

Eco-friendly

W|ECO arrow boards use Wanco's LED lamps. Exclusive to Wanco, each LED consumes 85% less power than those used on traditional arrow boards. As a result, W|ECO arrow boards use fewer, smaller batteries than traditional arrow boards.

Smaller and fewer batteries results in greatly reduced lead content — 80% less, when compared to traditional arrow board batteries. Additionally, W|ECO batteries are fully sealed and will not leak or spill. Because they require no maintenance, W|ECO batteries last longer with fewer replacements.

During the manufacturing process, Wanco products are powder coated, not painted. Powder coating emits near-zero volatile organic compounds (VOCs), and nearly all over-spray is reclaimed and reused.

Finally, when a WJECO arrow board reaches the end of its useful life — usually because of a collision (we have never seen one wear out), nearly every component can be recycled.

WJECO arrow boards meet and exceed the highest standards of quality and performance in the industry.

Features

Environmental

- Maintenance-free batteries
- Consumes 80% less power than traditional solar arrow boards
- Smaller batteries have 80% less lead content
- Sealed batteries will not leak or spill
- Decreased charging time saves energy and downtime
- Manufacturing process emits near-zero VOCs
- Nearly every component can be recycled

Functional

- High-output amber LEDs legible up to 1 mile (1.6 km)
- Choose 15 lamps with 7 arrow display modes or 25 lamps with 12 arrow display modes
- Easy to operate and maintain
- Heavy-duty hand-winch with safety brake allows one person to raise board
- Single locking device holds arrow board in place while operating and during transport
- Controller located safely away from traffic
- Weather-resistant control box cover has lockable slam-latch
- Control box outputs have short-circuit protection, helping prevent blown transistors
- Positive-drive voltage system applies power to lamps only when lit
- Power system includes resetting dual circuit breakers, reverse polarity protection, and low-voltage disconnect
- Solar charging system features solid state voltage regulator with charge indicator
- Arrow display has automatic and manual dimming, with flash rates of 30 to 40 per minute
- Tires are standard 15-inch bias ply
- Lunette ring tow hitch for pintle hook
- In travel position, unique design supports board without rear braces, reducing possibility of damage during transport
- Durable powder-coat finish resists the elements
- Meets MUTCD
- NTPEP tested

Options[†]

Solar wattage

- 65
- 100 (2X 50)

Tow hitch

- Combo-hitch for 2-inch ball or pintle hook
- Rear tow receiver

Other options

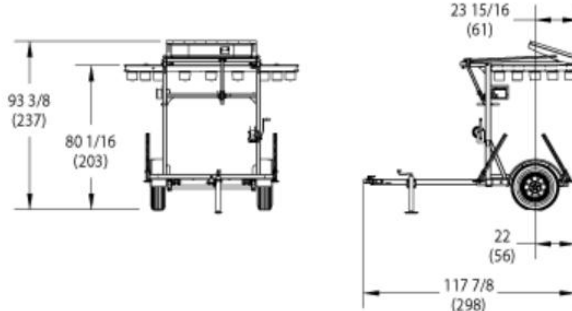
- Manual dimming
- 2-amp battery charger
- Auto-lock stabilizer pins

[†]Some options may not be available for aftermarket installation. Please consult factory.

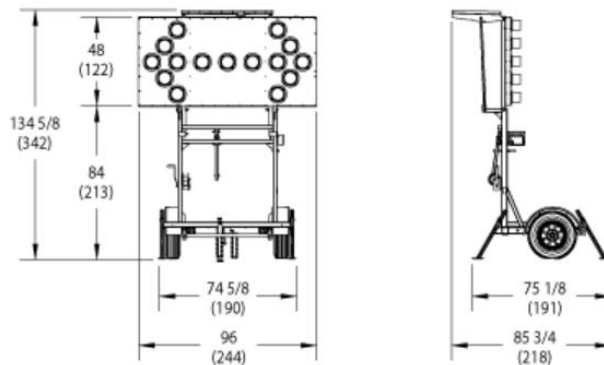
Specifications

Dimensions — inches (cm)

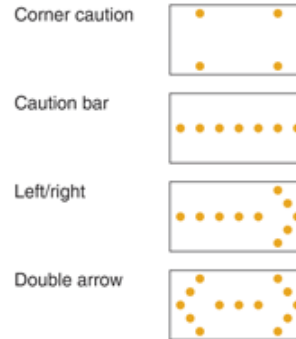
Travel Position



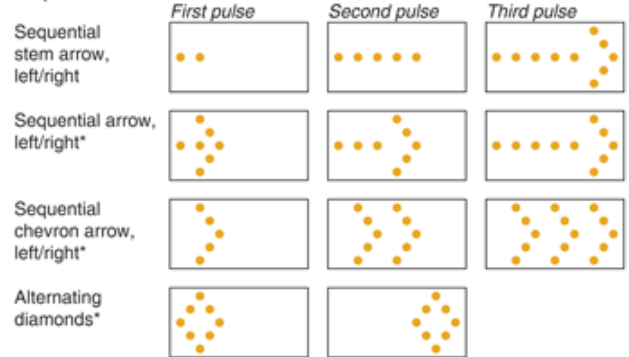
Deployed



Flashing Modes



Sequential Modes



Flashing rate, all models: 30 to 40 per minute.
 Consult factory for optional arrow modes not shown.
 *Available only on 25-light models.

Weight

Approx. 1250 lbs. (567 kg)

Construction

Trailer	MIG-welded, 2.5-inch square steel tubing
Arrow board	Aluminum sheet and welded channels
Coating	Powder-coated and oven-baked
Axle assembly	2000-lb. capacity tubular axle
	5-hole 4.5-inch bolt circle pattern on idler hub
	60-inch wheel track
	Double eye leaf springs, 1200-lb. capacity per spring
Tires	ST205/75 D15

Standards compliance

MUTCD type C

Power

Battery type	Leak- and spill-proof valve-regulated lead acid (VRLA)
Battery voltage	12 V dc
Battery capacity	75-125 Ah total
Number of batteries	Two standard, three or four optional
Solar charging	One or two solar panels
Solar panel regulation	50 W standard, 65 W or 100 W optional; charge controlled via arrow board control panel

†Specifications subject to change without notice.

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