TRIME
Lighting Towers Specialist

ECO-LIGHT EL1250

ECO-LIGHT LED Light Towers — www.eco-light.com

ECO-LIGHT EL1250

- 26' maximum height
- Wing side doors for easy access
- Compact: 18-20 units per truckload
- Side and back forklift pockets
- 2 extractable and adjustable stabilizers
- Easy to use Deep Sea Controller
- 8 event 7 day digital timer
- 4x280w high efficiency LED heads
- 4 - 10A 1 pole circuit breaker/each head
- 1 - 20A GFCI
- 1 - 50A twist lock
- Alarms for protection against engine overload
- External emergency stop button
- Towable unit with rear tail lights/side reflectors
- Tail lights and side reflectors illuminate when in use

HIGH POWER, HIGH EFFICIENCY LED TECHNOLOGY

SAFETY VERTICAL MAST

HEAVY DUTY GALVANIZED STEEL DURABLE ANTI-CORROSION PROTECTION

340° ROTATION

2 ADJUSTABLE STABILIZERS

FORKLIFT POCKETS

BENEFITS FOUND ON BOTH MODELS

- Canopy made of galvanized steel
- Industrial powder coated paint
- Floodlights are adjustable and tiltable by hand with reinforced heavy duty brackets
- Telescopic vertical galvanized mast
- Manual winch raising (hydraulic option available on diesel unit)
- Rubber pad locks on each side of mast to avoid grip during up/down movement
- 6mm stainless steel cables
- 340° max mast rotation
- Very compact dimensions for easy handling & transportation
- Welded central lifting eye
- Plug & play color coded cables and connectors
- Guided main coiled cable to avoid damage during tower operation
- Electrical connection box located in top of T-bar and protected with cover
- On board levels for guidance during stabilization
- Wind stability up to 50 mph

Running lights illuminated while tower is operating.
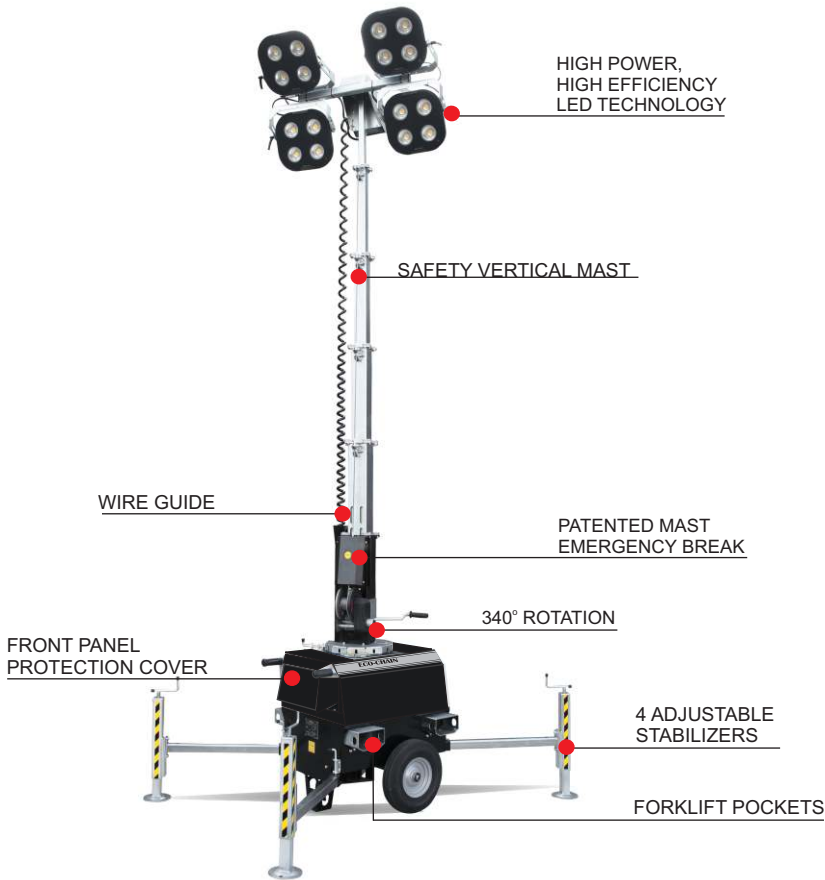
External controls and sockets.

Easy service access.

Easy to use Deep Sea Controller

HIGH POWER, HIGH EFFICIENCY LED TECHNOLOGY

SAFETY VERTICAL MAST

WIRE GUIDE

PATENTED MAST EMERGENCY BREAK

340° ROTATION

FRONT PANEL PROTECTION COVER

4 ADJUSTABLE STABILIZERS

FORKLIFT POCKETS

- 23' maximum height
- Compact: 34 units per truckload
- Side forklift pockets for easy loading
- 2 retractable galvanized folding handles
- 4 extractable and adjustable stabilizers
- 4x230w high efficiency LED heads
- Main front panel selector
    - -120V-240V: 50A male outlet
    - -50A twist lock female both at 240V
- Second front panel
    - -20A plug & 20A GFCI both at 120V
- 5 - 10A 1 pole circuit breaker
- 4 units/single power source using 240V
- 2 units/single power source using 120V
- Connect multiple electric towers to the EL1250
- ECO-CHAIN can also be used with generator

| EI1250 @ 120V | 150' ECO-CHAIN | 300' ECO-CHAIN |

2 YEAR COST TO OWN METAL HALIDE VS LED

	Parts	Labor
Bulb Replacement		
Ballasts		
Brackets		
Cords/Cables		
Travel		

Save over $2500 every 2 years in parts & labor

- Better management of technicians time
- Alleviate nuisance service calls
- High quality build = longer unit life
- Easier to use for customers

Large forklift pockets for easy loading and unloading.

4 adjustable stabilizers.

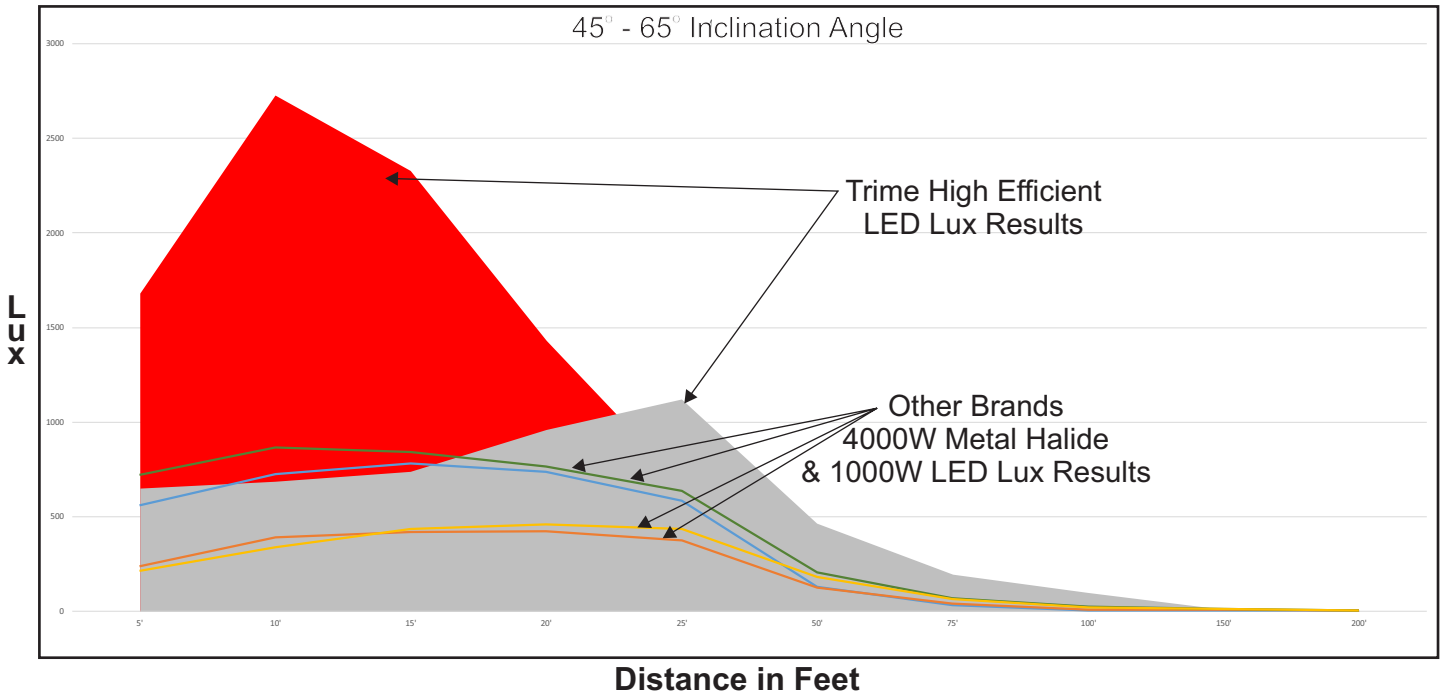Four 230W high efficiency LED heads are easily adjustable.

Folding handles allows for easy one person maneuverability.

ECO-LIGHT EL1250 & ECO-CHAIN SPECIFICATIONS

General Specifications and Features	EL1250	ECO-CHAIN
All Galvanized Solid Steel Construction	Y	Y
Powder Coat Paint	Y	Y
Stainless Steel Cable for Masts	Y	Y
Heavy Duty Reinforced Light Brackets	Y	Y
Main Cable Shroud	Y	Y
Second Cable Secure Lift Point	Y	Y
Protected Electrical Junction Box	Y	Y
Ground Adjustable Fixtures	Y	Y
Verticle Mast Enables Quick Set Up	Y	Y
US Undercarriage	Y	Y
Compact Design	Y	Y
Square D Breakers	Y	Y
Hubbell Electrical Sockets	Y	Y
Lights Controlled Individually	Y	Y
Convenience Outlet for Small Electronics	Y	Y
Efficient LED Saves Energy	Y	Y
Instant On (no waiting for bulb warm up)	Y	Y
Fully Rotational Mast	Y	Y
Running Lights On While Running	Y	Y
Connect up to 2 Additional Non Diesel Towers	Y	N/A
Units Per Truck	18/20	32/34
DOT Approved LED Light Package	Y	Y

Engine	EL1250	ECO-CHAIN
Make	Kubota	N/A
Model	Z482-E4B	N/A
Emission Regulation	Tier 4	N/A
Type	Vertical 4 Cycle Liquid Cooling Diesel	N/A
Cylinder	2	N/A
Displacement / L (cu. In.)	0.479 (29.23)	N/A
Combustion System	IDI	N/A
Intake System	Naturally Aspirated	N/A
Maximum Speed	1800 rpm	N/A
Sound Level @ 23'	65 dBA	N/A

Alternator	EL1250	ECO-CHAIN
Make	Linz	N/A
Output	4.2 kVA	N/A
Hz	50/60	N/A

Fuel	EL1250	ECO-CHAIN
Type	Diesel	N/A
Fuel Capacity	46 gal.	N/A
Run Time	300 Hrs	N/A

Mast, Undercarriage and Dimensions	EL1250	ECO-CHAIN
Mast Height	26'	23'
Wind Rating	50 mph	50 mph
Fully Retractable Stabilizers	Y	Y
Axle	Dexter Torsion	Dexter Torsion
Drawbar	Tubular Steel	Tubular Steel
Unit Dimensions - Stowed	63" x 56" x 95"	46" x 32" x 91"
Operating Dimensions	98" x 100" x 315"	80" x 53" x 241"
Dry Weight	1543	727
Operating Weight	1865	727
Manual Winch	Y	Y
Optional Hydraulic Winch	Available	N

Lights	EL1250	ECO-CHAIN
Type	LED	LED
Output	280W x 4	230W x 4
Lumens	44328 x 4	37688 x 4
Actual Light Compared to Metal Halide	See Chart Below	See Chart Below
Ballast	Electronic	Electronic
Construction	Die Cast Aluminum Powder Coat Paint	Die Cast Aluminum Powder Coat Paint
Lens	Tempered Glass	Tempered Glass
Life	>50,000 Hours	>50,000 Hours
Light Diffusion	Direct	Direct

Deep Sea Controller DSE L401 MKII	EL1250	ECO-CHAIN
Intelligent Lighting Tower Controller	Y	N/A
Designed Specifically for Light Towers	Y	N/A
Easy to Use	Y	N/A
LED Light Monitoring	Y	N/A
Accurate Hour Monitoring	Y	N/A
Monitor Engine Parameters	Y	N/A
Multi Event Timer	Y	N/A
Back Lit Display	Y	N/A
Automatic and Manual Light Controls	Y	N/A
Alternator Load Monitoring	Y	N/A
Engine Start/Stop	Y	N/A
One Touch Start/Stop	Y	N/A
Engine Maintenance Alarms	Y	N/A
Battery Voltage Monitoring	Y	N/A
GPS Option	Y	N/A

LIGHT OUTPUT COMPARISON

45° - 65° Inclination Angle

Trime High Efficient LED Lux Results

Other Brands 4000W Metal Halide & 1000W LED Lux Results

Lux

Distance in Feet

FTG Equipment Solutions, Inc.
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Carney's Point, NJ 08069
(855) 303-7900

sales@ftgequipment.com / www.eco-light.com

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