

Technical Data

Information	Details
Output	53,000 Lumens / 30,000 Sq Ft.
Weight	85 Lbs + 30 lbs Case Total: 115 Lbs
Mast	5-23' 4k Carbon Fiber Twill Mast
Energy	Dual quick swap batteries (1.8kWh)
Power	200w Integrated Solar + Expandable to 400w
Connectivity	Wi-Fi & BLE
Case	5x2x1' Rugged Pelican Style Case
GUI	3.2" LCD screen for adjustments & monitoring
Peripherals	(3) USB-C ports: 100w/port
Service	8-40 hr light (dimnable), 20d camera, 120d IoT

Quick Guide

- 1. Position:** Place the eTower on a level surface in the desired location.
- 2. Stabilize:** Quickly extend and secure the stabilizing legs to anchor the tower.
- 3. Raise Mast:** Unlock and elevate the mast to its full height, securing it in place.
- 4. Adjust Lights:** Aim the LED lights toward the area that needs illumination.
- 5. Power On:** Activate the eTower using the power switch or remote control.



Smart

Remote Control with Scheduling Settings.

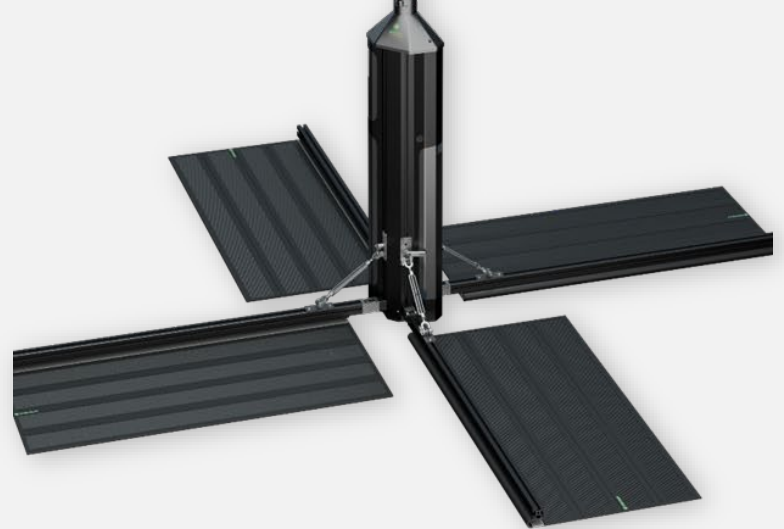
Quick

Deploy in Minutes!

Economic

Save Thousands in Annual Savings vs Conventional Light Tower*

- ✓ 120 days IoT
- ✓ Integrated Solar
- ✓ <60s Deployment
- ✓ Modular Frame <10ft3



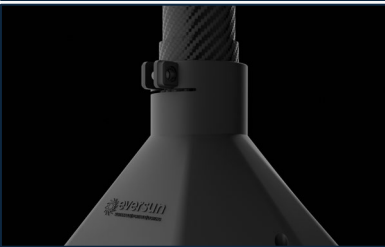
Apollo-X eTower



**Surveillance
Camera Ready**



**52,300 Lumen LED
Lamps**



**23' 6-Stage
Carbon Fiber
Telescopic Mast**



**Easy to Navigate
LCD Interface**

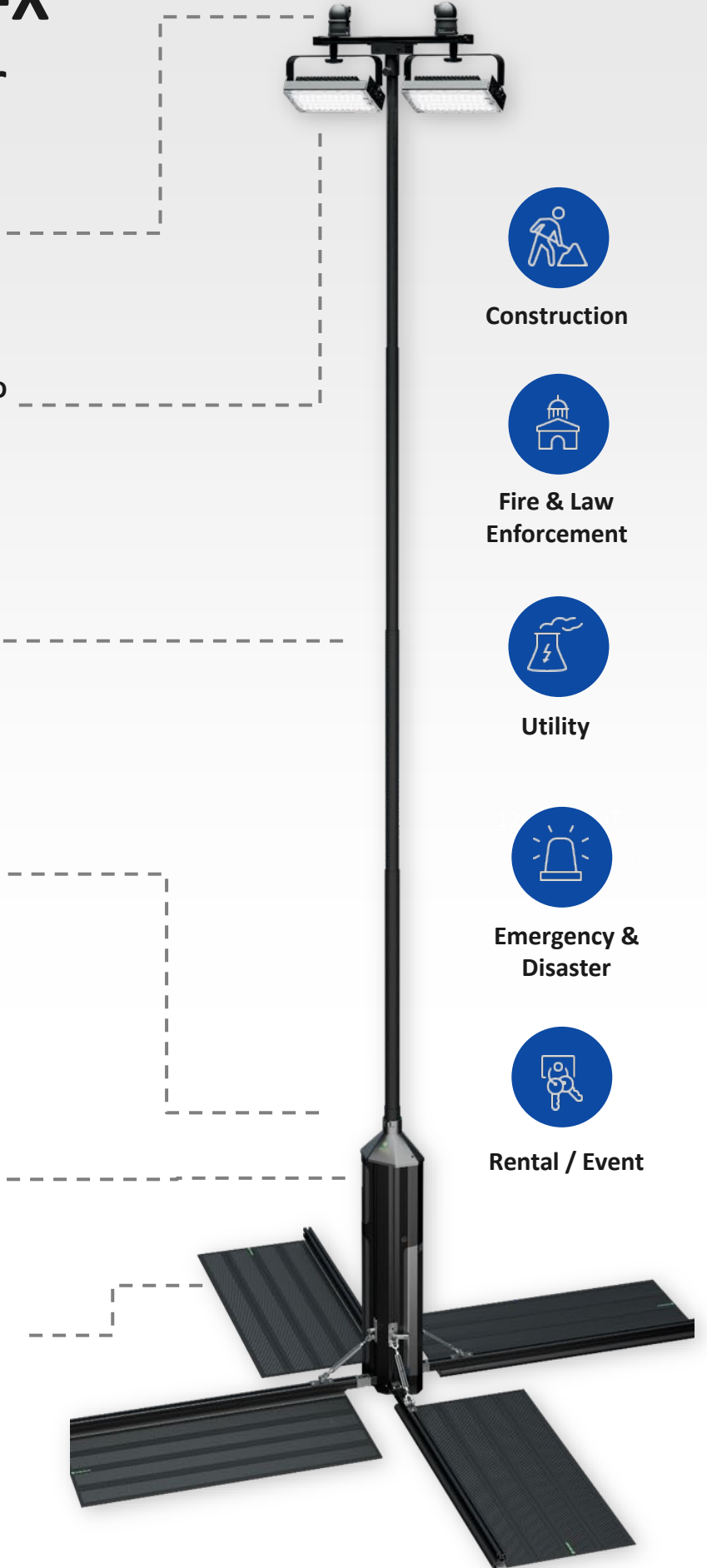


**Dual Lithium-Ion
Battery System**

eTower Web + Mobile App

- Remote On/Off
- Battery Monitor
- Scheduling
- Historical Data
- Fleet Management
- Diagnostics
- Weather Monitoring
- Energy Data
- Solar Reporting
- Camera Stream
- Geolocation
- Asset recovery tag

**Mil-Spec Solar
Panel Stabilizer
Legs**



Construction



**Fire & Law
Enforcement**



Utility

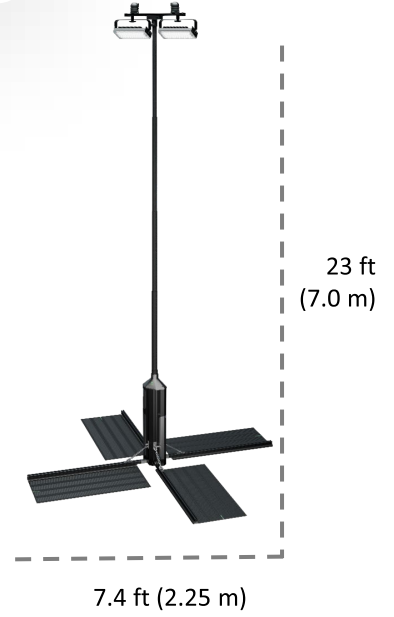
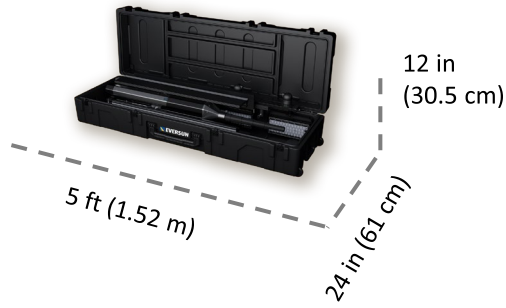
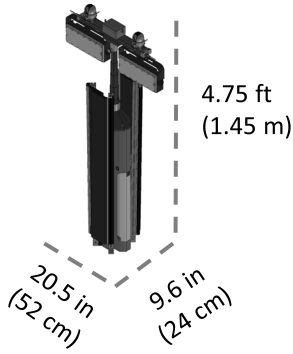


**Emergency &
Disaster**











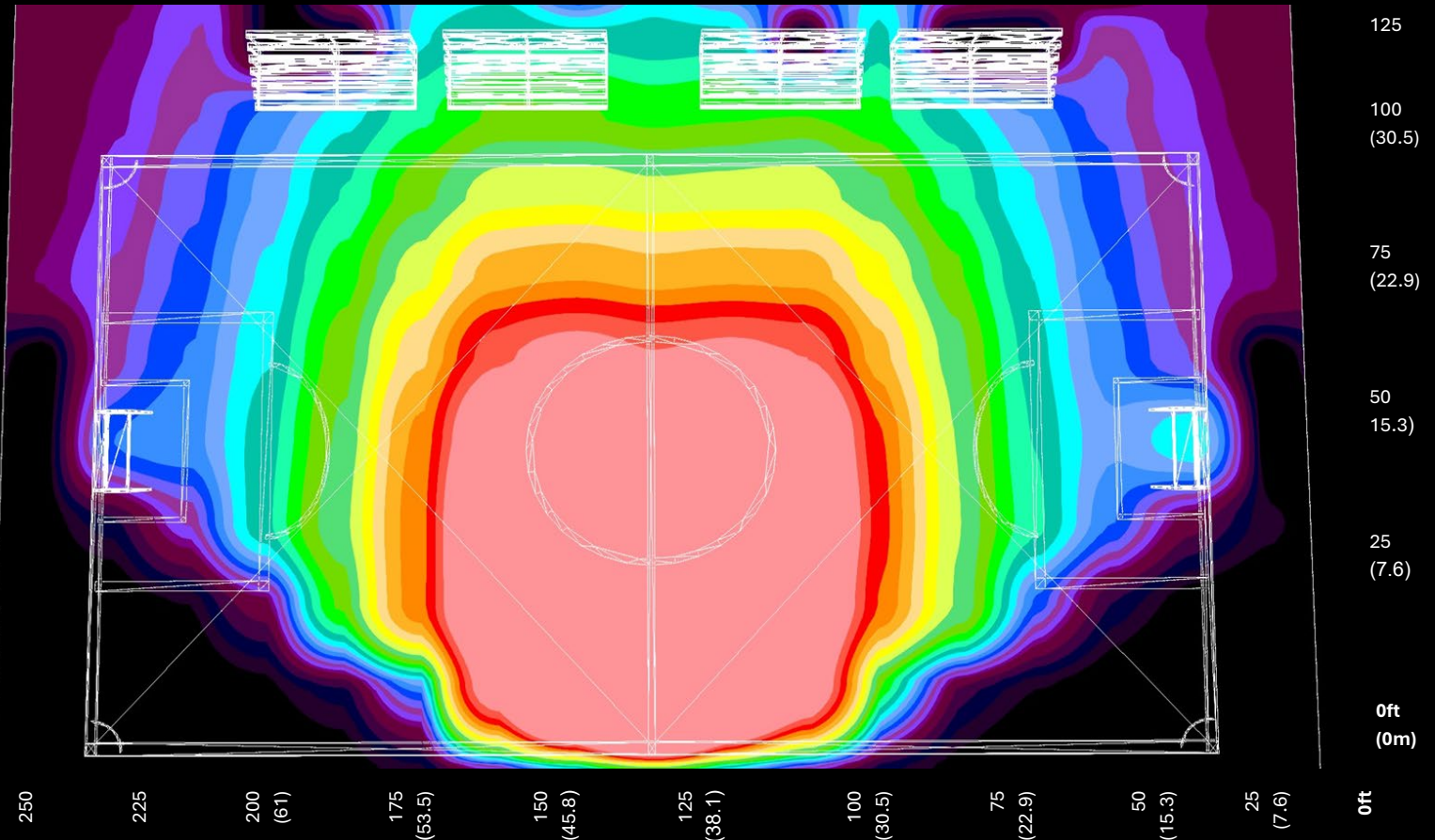
Rental / Event

Data Sheet



Soccer Field 200' x 100' (61 x 30.5m) Play Area
 1 eTower™ @ 23 ft (7 m) mast height with 2 - 120W LED fixtures
 • Standard configuration 60 degree lens angle 30 degree tilt

- | | | | |
|---|------------------|---|-------------------|
|  | 30+ foot candles |  | 3 foot candles |
|  | 20 foot candles |  | 2 foot candles |
|  | 10 foot candles |  | 1 foot candles |
|  | 5 foot candles |  | <0.5 foot candles |



Total Cost of Ownership Comparison

SqFt To Light	10,000	SqFt
Avg Candles/Square Foot	2.0	FC
Local Cost of Diesel	\$4.50	\$/Gal
Desired Service Life	5	Years
Avg Days In-Service Annually	250	Days
Anticipated Operational Hrs/Use	10	Hrs
Anticipated Number of Site Changes	1	Sites/Year
Avg Distance Between Sites	0.00	Miles
Operator Labor Rate	\$35.00	\$/Hr
Commercial Storage Cost	\$1.88	\$/sqft/mo

Model	Eversun eTower	Doosan L8
5 YEAR Total Cost of Ownership		
Total Towers To Light Area	1	1
Lifetime Cost of Ownership (\$)	\$13,603	\$120,392
Lifetime Cost/ 100k Lumens	\$2.61	\$3.17
Net Acquisition Cost (\$)	\$7,801	\$17,422
OPEX \$/Hr	\$0.46	\$7.95
OPEX \$/100K Lumens/HR	\$0.88	\$2.49
Annual Operational Expense (\$)	\$1,160	\$20,594
Lifetime OPEX (\$)	\$5,802	\$102,969
Carbon Footprint & Emissions		
Lifetime GHG Emissions (Lbs)	0.000	214,620
Greenhouse Gas Emissions/Hr (CO2e)^2	0.000	17.170
Additional Toxic Air Pollutants/Hr	0.000	0.728
Lifetime Air Pollutants (Lbs)	0.000	9,103

Cost Efficiency

Advanced energy-efficient lighting with reduced maintenance requirements and smart operational features to lower overall costs.

Solar-Powered Efficiency: Harness the sun's energy with advanced solar panels for sustainable and powerful lighting solutions.

Dual Battery System with Seamless Swapping: Never face downtime again thanks to our dual batteries that swap out as easily as a power tool battery, ensuring continuous operation.

Intelligent IoT Notifications: Stay informed with proactive alerts on battery status, allowing for timely swaps and uninterrupted illumination.

Smart Light Control: Customize your lighting environment with intelligent controls for visibility, energy savings, and ambiance, tailored to your project's specific needs.