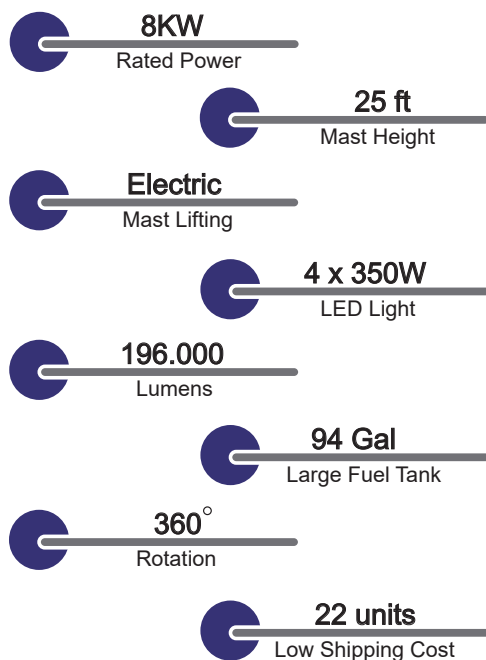


# UQ8E-LED LIGHT TOWER

# ULTRAQUIP



## Features

- >> Powered by Kubota/Perkins/Yanmar engine with reliable power output
- >> With forklift pockets and lift point for transportation
- >> Easy accesses for maintenance and control
- >> 5 stabilizers, four of which are extensible to guarantee stability
- >> Draw bar with ball coupling
- >> Suitable for all weather conditions.

## Application

- >> Mining site
- >> Construction
- >> Utilities
- >> Special events
- >> Military
- >> Airport and seaport
- >> Emergency lighting solution

## General Spec

|                         |                         |
|-------------------------|-------------------------|
| Model                   | UQ8E-LED                |
| Rated Frequency         | 60HZ/1800rpm            |
| Rated Voltage           | 1P, 120V                |
| Rated Power             | 8KW                     |
| Min.working Temperature | -13°F                   |
| Max.working Temperature | 155°F                   |
| Noise Level             | 71dBA@23ft              |
| Fuel Tank Capacity      | 355L (94Gal)            |
| Tank refilling          | External                |
| Dimensions(Unfolded)    | 295H 95W 113.5L in Open |
| Dimensions(folded)      | 117H 61W 113.5L in      |
| Sockets                 | 2x20A, 1x30A            |

UQ8E-LED

## LIGHT TOWER

ULTRAQUIP

## Specifications

| Model                          | UQ8E-LED              | UQ8E-LED          | UQ8E-LED          |
|--------------------------------|-----------------------|-------------------|-------------------|
| Fuel Consumption@4 lamps on    | 0.20gph               | 0.20gph           | 0.20gph           |
| Dry Weight                     | 1855Lbs               | 1940Lbs           | 1940Lbs           |
| Engine                         |                       |                   |                   |
| Brand                          | Kubota                | Perkins           | Yanmar            |
| Model                          | D1105-BG              | 403F-11           | 3TNV80F-NGGE      |
| Engine Type                    | 4-stroke diesel       | 4-stroke diesel   | 4-stroke diesel   |
| Number of Cylinders            | 3                     | 3                 | 3                 |
| Bore and Stroke mm (in)        | 78.0x78.4 (3.07x3.09) | 77x81 (3.03x3.19) | 80x84 (3.15x3.31) |
| Displacement L (cu.in)         | 1.123 (68.53)         | 1.131 (69.01)     | 1.266 (77.3)      |
| Speed                          | 1800rpm               | 1800rpm           | 1800rpm           |
| Continuous Output              | 10.1KW                | 10.3KW            | 11KW              |
| Injection Type                 | Indirect              | Indirect          | Indirect          |
| Aspiration Type                | Natural               | Natural           | Natural           |
| Oil Pan Capacity (Max)         | 5.1L / 1.35Gal        | 4.4L / 1.16Gal    | 3.5L / 0.92Gal    |
| Oil Pan Capacity (Effective)   | 3.5L / 0.93Gal        | 3.4L / 0.90Gal    | 1.6L / 0.42Gal    |
| Cooling System (with Radiator) | 3.9L / 1.03Gal        | 5.2L / 1.37Gal    | 4.1L / 1.08Gal    |
| Speed Governor                 | Mechanical            | Mechanical        | Mechanical        |
| Starter Capacity (V-kW)        | 12-1.0                | 12-1.1            | 12-1.1            |
| Alternator Capacity (V-A)      | 12-30                 | 12-15             | 12-40             |
| Alternator                     |                       |                   |                   |
| Brand                          |                       | Althon            |                   |
| Model                          |                       | AG164T16          |                   |
| Rated Volts / Phase            |                       | 120V, 1P          |                   |
| Rated Frequency                |                       | 60HZ              |                   |
| Continuous Output              |                       | 8KW               |                   |
| Exciting Type                  |                       | Capacitor         |                   |
| Regulation Type                |                       | Self-Regulation   |                   |
| Insulation Class               |                       | Class H           |                   |
| Power Factor                   |                       | 1                 |                   |
| Environment Protection         |                       | IP22              |                   |
| Lights                         |                       |                   |                   |
| Lamps                          |                       | LED Light         |                   |
| Wattage                        |                       | 4x350W            |                   |
| Total Lumens                   |                       | 196,000           |                   |
| Mast                           |                       |                   |                   |
| Type                           |                       | Electric          |                   |
| Mast sections                  |                       | 5                 |                   |
| Rotation                       |                       | 360°              |                   |
| Max Height                     |                       | 25 ft             |                   |
| Wind proof                     |                       | 60 mile/h         |                   |
| Chassis                        |                       |                   |                   |
| Wheels                         |                       | 2 x ST175/80D13   |                   |
| Stabilisers                    |                       | 5                 |                   |
| Signalling lamps               |                       | Tail Light        |                   |

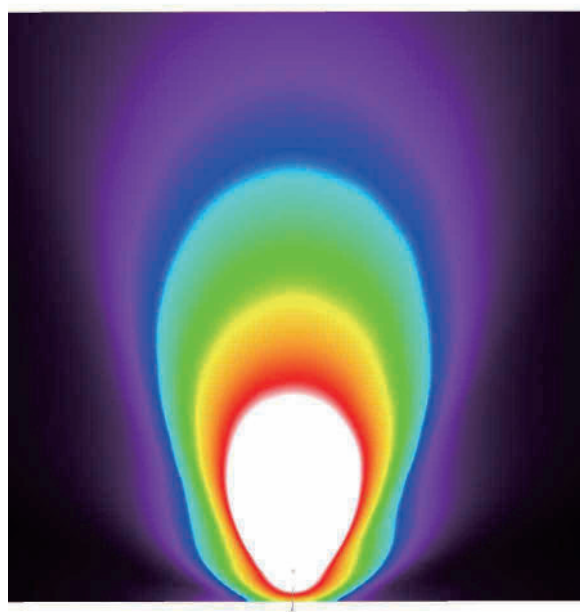
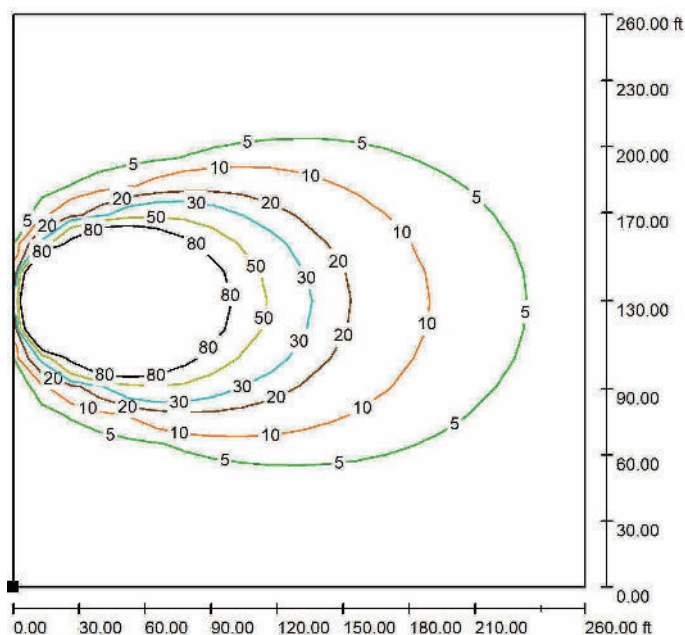
UQ8E-LED

# LIGHT TOWER

ULTRAQUIP

## Light Range

- >> Light: 4x350W
- >> Lighting Area: 28374ft<sup>2</sup>@5lx
- >> Total Acreage: 260ft x 260ft
- >> Luminosity: 20 lx average in the whole area 93097ft<sup>2</sup>

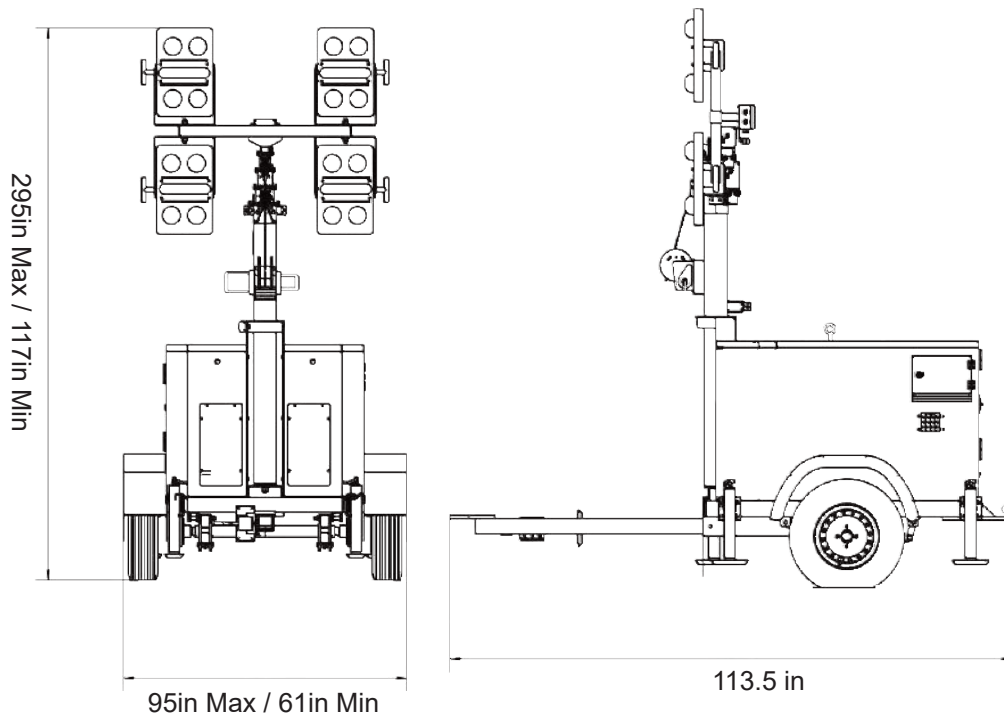


UQ8E-LED

# LIGHT TOWER

ULTRAQUIP

## Dimensions



### Working Mode

Dimensions(Unfolded): 7500H 2420W 2883L mm

Dimensions(Unfolded): 295H 95W 113.5L in

### Transport Mode

Dimensions(Folded): 2962H 1540W 2883L mm

Dimensions(Folded): 117H 61W 113.5L in