

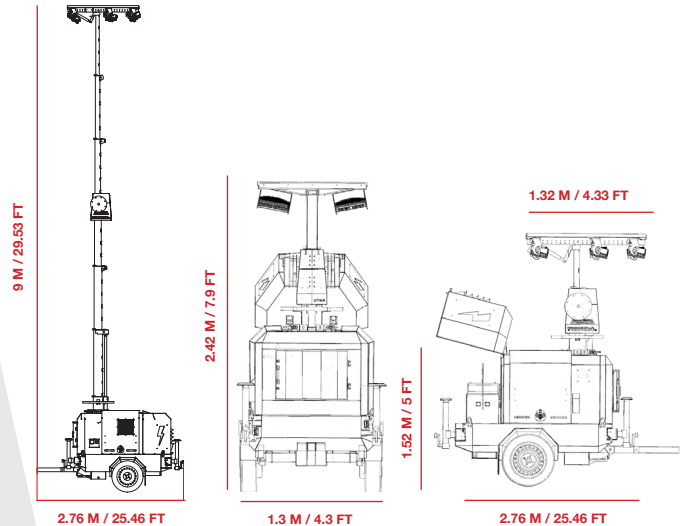
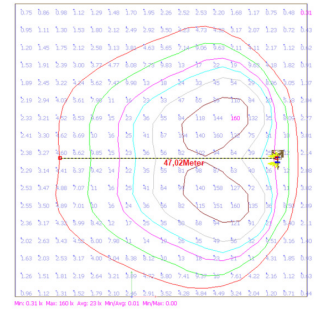
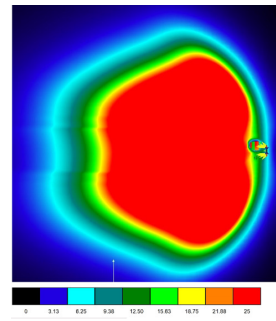
# VERDEGRO®

## TABLE OF CONTENTS AND DIMENSIONS ILLUMINATED AREA

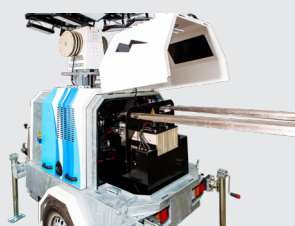
### BENEFITS OF THE LLTT-H XL

- Hybrid technology : combined Solar Energy with DC generator makes it very environmental friendly in use. Great for 24/7 operations like Mining, Oil & Gas, Rental and Construction operations.
- 6-8 hours runtime of the LED floodlights on the battery-bank only.
- Max. 3-4 hours engine runtime per 10 hour night.
- Almost no CO2 emission and Noise Emission because of runtime on the battery-bank.
- Ideal for use in residential areas because of low sound emission.
- 24Vdc powered system and battery-bank safe to use (low voltage no explosion risks)
- Lower operational costs by saving up to 28 litre of diesel per night with the LLTT-Hybrid XL.
- Reduce engine maintenance to max. 4 times per year because of the low runtime of the engine. Instead of very month with a conventional light tower.(250-400 hour runtime)
- Reduce labour costs and spillage by refuelling only once every 40-45 days instead of every 2-3 days with a conventional light towers.
- Optional DSE interface for remote operation of the LLTT Hybrid XL, Engine and fuel level monitoring , remote switching of the lights and Geofencing with GPS position.

**THE MOST HEAVY  
DUTY LIGHT  
TOWER AVAILABLE  
IN THE MARKET**



### LLTT-H XL



### DIMENSIONS & WEIGHT

- Dimension min: 2271mm x 1295mm x 2423mm
- Dimension max: 2771mm x 2605mm x 8963mm
- Total weight ex fuel: 1165kg / 2568lbs

### FEATURES

- Rotation: 225°
- Lights: 6 lights up to 8 lights
- Total lumen: 6 lights 102000lm  
8 lights 136000lm
- Lifting system: Hydraulic
- Battery bank: 400AH 24Vdc AGM

### ENGINE

- Model: Kubota Z482 Tier4
- Fuel: Diesel
- Tank capacity (L): 265L / 70 gallon (US)
- Consumption (L/H): 0.4L/H 0.1gal/H
- Noise Level (dBA) at 7M: 65db
- Runtime: 65 days depending on light output

### FLOODLIGHTS

- 100 watt VisionX effective 17000lm per light
- 150 watt Verdegro 14790lm per light

### OPTIONS

- DSE Interface 3G + GPS Module
- Battery Isolator switch + lockable cover mounted on outside
- Starter Isolator switch + lockable cover mounted on outside
- Emergency stop switch mounted on outside LLTTXXL-H
- Overspeed air-intake valve + spark-arrestor ( oil & gas, mining specs)
- Winter package (Cooled diesel heater system)
- TÜV Homologation (European trailers only)

## KEY BENEFITS

- ✓ LOW FUEL CONSUMPTION
- ✓ LOW CO2 EMISSION
- ✓ LOW NOISE EMISSION
- ✓ REDUCED ENGINE MAINTENANCE
- ✓ 80% LOWER OPERATIONAL COSTS
- ✓ REPLACEABLE BATTERY PACK

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# SOLAR LED LIGHT TOWER TRAILER HYBRID XL



THE **MOST** EFFICIENT  
ON THE MARKET

[WWW.VERDEGRO.COM](http://WWW.VERDEGRO.COM)



Solar powered / Hybrid



Environmentally friendly / low CO2 emission



225° rotation



Low noise emission



Battery powered / Hybrid technology



Low fuel consumption (0.4L/H)

### APPLICATIONS



Rental



Special events



Rural & hard to reach areas



Emergency response



Construction & work sites



Gas, oil & mining operations (Explosion safe)



Military applications

## SOLAR LED LIGHT TOWER TRAILER HYBRID XL SPECIFICATION LLTT-H XL



SOLAR POWER SYSTEM (200W)

HIGH-EFFICIENCY LED FLOOD LIGHTS  
ALSO EXPLOSION PROOF  
LIGHTS COVERAGE AVAILABLE  
3800M2 LIGHT

PHOTOCELL DAYLIGHT SENSOR  
(AUTOMATIC ON/OFF)

SPRING - DRIVEN CABLE DRUM

7 SECTION VERTICAL HYDRAULIC TOWER  
(STEEL GALVANIZED) ELECTRIC TILT ABLE  
TOP SECTION WITH LIGHT FIXTURES  
WITH AUTO-RETRACT FUNCTION WHEN  
LOWERING MAST.

FORK LIFT SPROCKETS ON TOP +  
BELOW CHASSIS FOR EASY  
TRANSPORTATION

LOADING PLUG

HYBRID DIESEL GENERATOR  
24VDC OPERATING SYSTEM

REPLACEABLE  
BATTERY PACK

BUNED FUEL TANK  
CAPACITY 250L

4 OUTRIGGERS WITH  
STABILIZING JACKS

AVERAGE FUEL CONSUMPTION 4L A DAY  
65 DAYS BEFORE REFUELING!  
\* ASK FOR FULL SPECIFICATIONS

USES DAY LIGHT ENERGY  
TO ILLUMINATE THE NIGHT.