

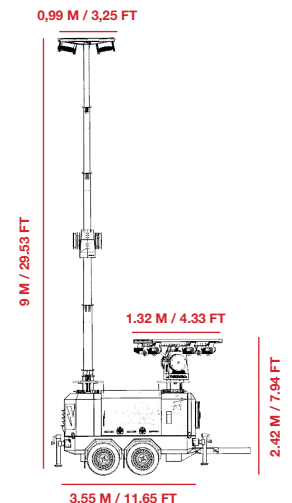
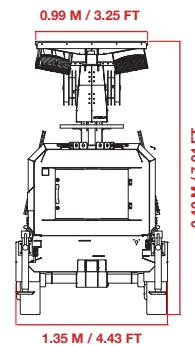
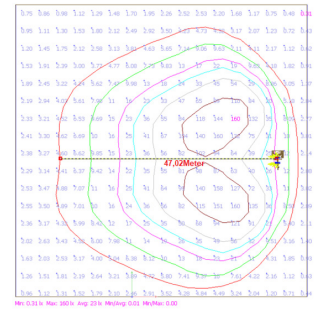
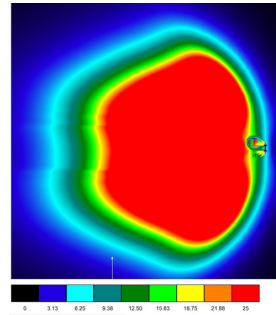
# VERDEGRO®

## TABLE OF CONTENTS AND DIMENSIONS ILLUMINATED AREA (ONE TOWER)

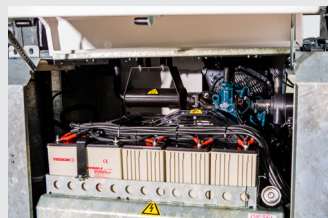
### BENEFITS OF THE LLTT-H XXL

- 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 XXL.
- 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 75-90 days instead of every 2-3 days with a conventional light towers.
- Optional DSE interface for remote operation of the LLTT Hybrid XXL, 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 XXL



### DIMENSIONS & WEIGHT

- Dimension min:** 2984mm x 1295mm x 2423mm
- Dimension max:** 2984mm x 2605mm x 8963mm
- Total weight ex fuel:** 1590 KG / 3505 lbs

### FEATURES

- Rotation:** Front 180°, Rear 275°
- Lights:** 12 lights up to 16 lights
- Total lumen:** 12 lights 204000lm  
16 lights 272000lm
- Lifting system:** Hydraulic

### ENGINE

- Model:** Kubota Z482 Tier4
- Fuel:** Diesel
- Tank capacity (L):** 520L / 137 gallon (US)
- Consumption (L/H):** 0.4/H 0.1gal/H
- Noise Level (dBA) at 7M:** 65db
- Runtime:** 90 days depending on light output
- battery bank** 400 AH 24Vdc AGM

### 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
- ✓ UNIQUE DESIGN COVER TWO AREAS AT ONCE

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# SOLAR LED LIGHT TOWER TRAILER HYBRID XXL



THE **MOST EFFICIENT HYBRID**  
ON THE MARKET

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



Solar powered / Hybrid



Environmentally friendly / low CO2 emission



Front 180° Rear 275° 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 XXL

### SPECIFICATION LLTT-H XXL



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

SOLAR POWER SYSTEM (400W)

HIGH-EFFICIENCY LED FLOOD LIGHTS ALSO EXPLOSION PROOF LIGHTS AVAILABLE 7600M2 LIGHT COVERAGE

PHOTOCELL DAYLIGHT SENSOR (AUTOMATIC ON/OFF)

FORK LIFT SPROCKETS ON TOP + BELOW CHASSIS FOR EASY TRANSPORTATION

GALVANIZED STEEL MIG WELDED TRAILER CONSTRUCTION

LOADING PLUG

ALUMINUM COVERS PAINTED IN ANY RAL COLOR DESIRED.

TUNED FUEL TANK CAPACITY 520L

HYBRID DIESEL GENERATOR 24VDC OPERATING SYSTEM

4 OUTRIGGERS WITH STABILIZING JACKS

AVERAGE FUEL CONSUMPTION 6L A DAY

90 NIGHTS BEFORE REFUELING!  
\* ASK FOR FULL SPECIFICATIONS

USES DAY LIGHT ENERGY  
TO ILLUMINATE THE NIGHT.