

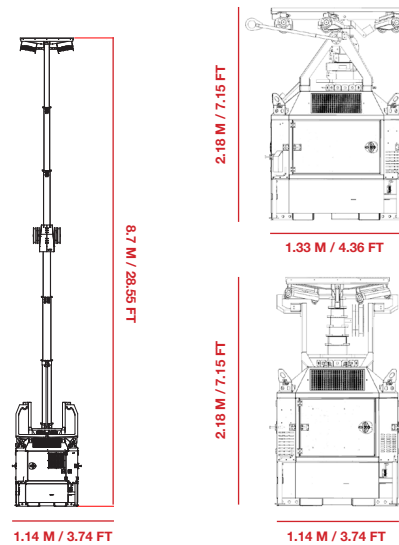
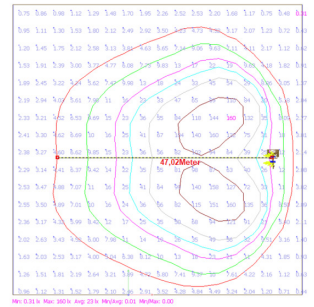
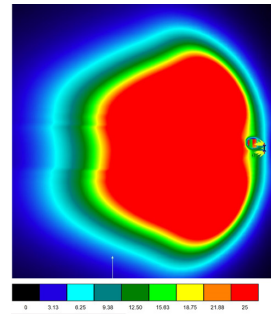
# VERDEGRO®

## TABLE OF CONTENTS AND DIMENSIONS ILLUMINATED AREA

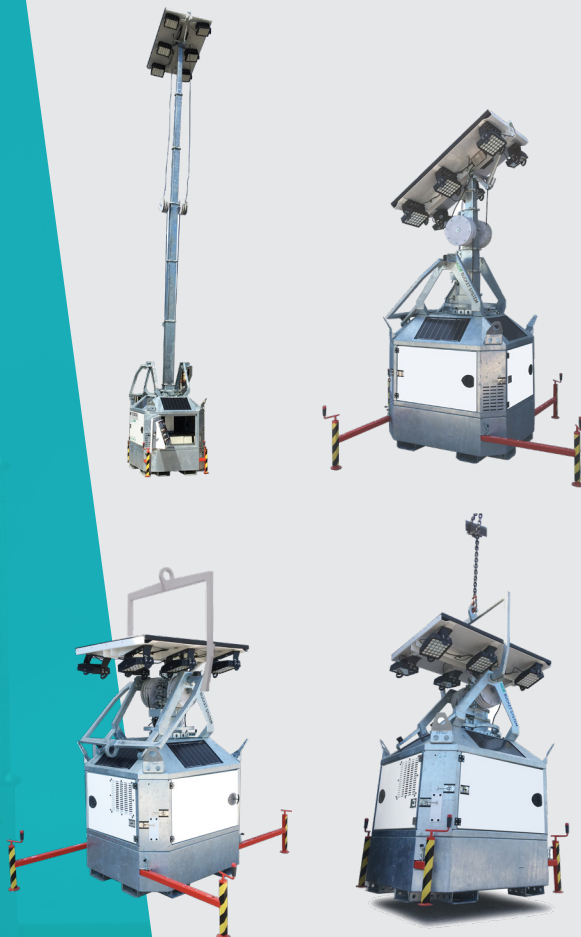
### BENEFITS OF THE LLTB-H

- 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 LLTB Hybrid.
- 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 55-60 days instead of every 2-3 days with a conventional light towers.
- Optional DSE interface for remote operation of the LLTT Hybrid, Engine and fuel level monitoring , remote switching of the lights and Geofencing with GPS position.

**THIS IS WHY  
YOU WANT THE  
ENVIRONMENTAL  
FRIENDLY LIGHT  
TOWER.**



### LLTB-H



### DIMENSIONS & WEIGHT

- Dimension min:** 1330mm x 1150mm x 2180mm
- Dimension max:** 2806mm x 2626mm x 8730mm
- Total weight ex fuel:** 1090kg / 2400lbs

### FEATURES

- Rotation:** 345°
- Lights:** 6 lights up to 8 lights
- Total lumen:** 6 lights 102000lm  
8 lights 136000lm
- Lifting system:** Hydraulic
- Battery bank:** 400 AH 24Vdc AGM

### ENGINE

- Model:** Kubota Z482 Tier4 Diesel
- Fuel:** Diesel
- Tank capacity (L):** 270L 71 gallon (US)
- Consumption (L/H):** 0.4L/H 0.1gal/H
- Noise Level (dBa) at 7M:** 65db
- Runtime:** 68 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 LLTB-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
- ✓ TOWER ROTATION 345°



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# SOLAR HYBRID LED LIGHT TOWER TRAILER



THE **MOST EFFICIENT HYBRID**  
ON THE MARKET



Solar powered / Hybrid



Environmentally friendly / low CO2 emission



Tower rotation 345°



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 HYBRID LED LIGHT TOWER BUCKET

### SPECIFICATION LLTB-H



- UNIQUE BUCKET HANDLING SYSTEM
- 7 SECTION VERTICAL HYDRAULIC TOWER (STEEL GALVANIZED) ELECTRIC TILT ABLE TOP SECTION WITH LIGHT FIXTURES WITH AUTO-RETRACT FUNCTION WHEN LOWERING MAST.
- PHOTOCELL DAYLIGHT SENSOR (AUTOMATIC ON/OFF)
- SOLAR CHARGING SYSTEM (350W)
- UP TO 8 LED LIGHTS HIGH EFFICIENCY FLOODLIGHTS 136000LM
- TOWER ROTATION 345°
- CONTROL PANEL
- BUNED FUEL TANK CAPACITY 270L
- HYBRID DIESEL GENERATOR 24VDC OPERATING SYSTEM
- MAINTENANCE FREE BATTERY PACK
- GALVANIZED BODY
- 4 OUTRIGGERS WITH STABILIZING JACKS

AVERAGE FUEL CONSUMPTION 4L A DAY  
68NIGHTS BEFORE REFUELING!  
\* ASK FOR FULL SPECIFICATIONS

USES DAY LIGHT ENERGY  
TO ILLUMINATE THE NIGHT.