

VERDEGRO®

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

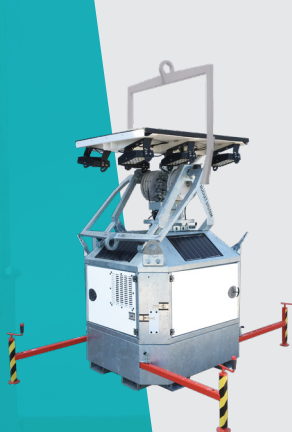
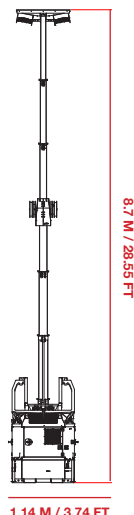
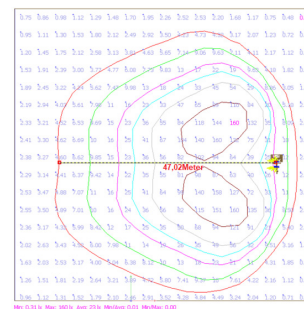
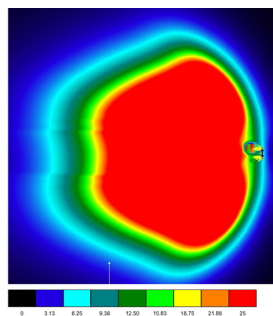
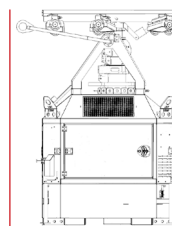


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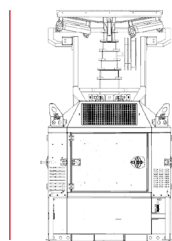


2.18 M / 7.15 FT



1.33 M / 4.36 FT

2.18 M / 7.15 FT



1.14 M / 3.74 FT

DIMENSIONS & WEIGHT

- Dimension min: 1330mm x 1150mm x 2180mm
- Dimension max: 2806mm x 2626mm x 8730mm
- total weight without fuel: 1090kg / 2400lbs

FEATURES

- Rotation: 345°
- Floodlights: 150 watt LED
- Lights: 6 lights up to 8 lights
- Total lumen: 6 lights 88740lm
8 lights 136000lm
- Lifting system: Hydraulic

ENGINE

- Model: Kubota Z482 Tier4
- Fuel: Diesel
- Tank capacity (L): 170L / 45 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

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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HYBRID LED LIGHT TOWER BUCKET



THE **MOST** EFFICIENT HYBRID
ON THE MARKET

WWW.VERDEGRO.COM



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

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 EFFI-
CIENCY FLOODLIGHTS 136000LM

TOWER ROTATION 345°

CONTROL PANEL

BUNED FUEL TANK CAPACITY 250L

HYBRID DIESEL GENERATOR
24VDC OPERATING SYSTEM

MAINTENANCE FREE BATTERY PACK

GALVANIZED BODY

-4 OUTRIGGERS WITH STABILIZING JACKS

AVERAGE FUEL CONSUMPTION 4L A DAY

68 NIGHTS BEFORE REFUELING!
* ASK FOR FULL SPECIFICATIONS

USES DAY LIGHT ENERGY
TO ILLUMINATE THE NIGHT.