

SLT5000

4.5kVA Super Silent Diesel Generator Lighting Tower

GENERATOR SPECIFICATION

| | |
|---------------------------|------------------------|
| Voltage | 230/115 |
| Phase | 1 |
| Frequency | 50Hz |
| Prime Power (PRP) | 4.5 kVA / 3.6 kW |
| Alternator | Meccalte S16W-130 |
| Fuel tank capacity | 34.0 Litres |
| Autonomy 75% load | 29 Hours |
| Autonomy @ 800W | 52 Hours (lights only) |
| LWA | 92 |
| dBa @ 7M | 67 |

ENGINE SPECIFICATION

| | |
|----------------------------|--------------------|
| Engine | Yanmar L70NES |
| Emissions certified | N/A |
| Cylinders | Single |
| Distribution | O.H.V. |
| Aspiration | Normally aspirated |
| Cooling | Air |
| Displacement | 0.320 Litres |
| Rpm | 3000 |

LAMPS & MAST SPECIFICATION

| | |
|---------------------------|-----------------|
| Lamp Type | LED |
| Lamp power | 4 x 200W |
| Lumens | 100,000lm |
| Colour Temperature | 5,000 - 6,500K* |
| Ingress protection | IP66 |
| Mechanical impact | IK10 |
| Mast Height | 5.4 Metres |
| Winch Load Rating | 900 Kg |
| Winch Cable | Stainless Steel |

* Colour temperature is measured in degrees kelvin and denoted by a numerical figure followed by the letter 'k'. The LED lamps used on this set emit a "white light" similar to that of daylight.

SAFETY FEATURE

New for 2020 - The SLT5000 now incorporates a mast anti-collapse safety device. This safety system becomes active upon raising, whilst fully erected and lowering the mast. In the unfortunate event of the main rope breaking the anti-collapse safety device will automatically lock the mast and prevent it falling.

DIMENSIONS mm

| Status | Length | Width | Height |
|----------------|--------|-------|--------|
| Transport Mode | 1200 | 860 | 1930 |
| Fully Deployed | 1660 | 1940 | 5400 |

YANMAR



3 Year Engine
Warranty (Limited)



WEIGHT KG

| | |
|-----|-----|
| 380 | Dry |
| 400 | Wet |

CONTROL PANEL

- DSE 3110 control module.
- Double pole MCB overload protection.
- AC voltage selector switch.
- 1 x 16A 230V BS4343 socket.
- 1 x 32A & 1 x 16A 115V BS4343 sockets.
- Overload protection for each individual socket.
- Generator/auxiliary mains switch for the lights.
- Emergency stop button.
- Fuel gauge.
- Fuel pump prime button (easy bleed upon service).
- Lockable control panel cover.
- *Optional item* - 7-day programmable start/stop timer.

STANDARD FEATURES

- Lights operational with either 115 or 230V selected.
- 4.5kVA generator dual voltage output
- 230V auxiliary socket for mains feed to the lights.
- Fully adjustable tilt and turn light heads.
- Adjustable stabiliser legs.
- Braked industrial four wheeled trolley kit.
- Low oil pressure, high engine temperature & low fuel level shutdowns.
- Acoustic weatherproof canopy.
- Lifting eye.
- Bunded fuel tank.
- Oil drain facility.

DSE 3110 AUTO START CONTROL MODULE

- The module will display warnings, shutdowns & engine status information on the back-lit LCD screen.
- Engine shutdowns include, high engine temperature & low oil pressure. Low fuel level warning.

- Monitoring & protecting AC volts & frequency (Hz).
- Hours run counter.
- Battery voltage monitoring.
- Licence free PC software.



ROAD TRAILER OPTION

Fully certified to 2007/46/CE ball hitch road tow trailer kit option

WEIGHT KG

| | |
|-----|-----|
| 455 | Dry |
| 475 | Wet |



ROAD TRAILER DIMENSIONS mm

| Status | Length | Width | Height |
|----------------|--------|-------|--------|
| Transport Mode | 2380 | 1250 | 2130 |
| Fully Deployed | 2380 | 1940 | 5600 |

POWER DEFINITION

Prime Power (PRP) :

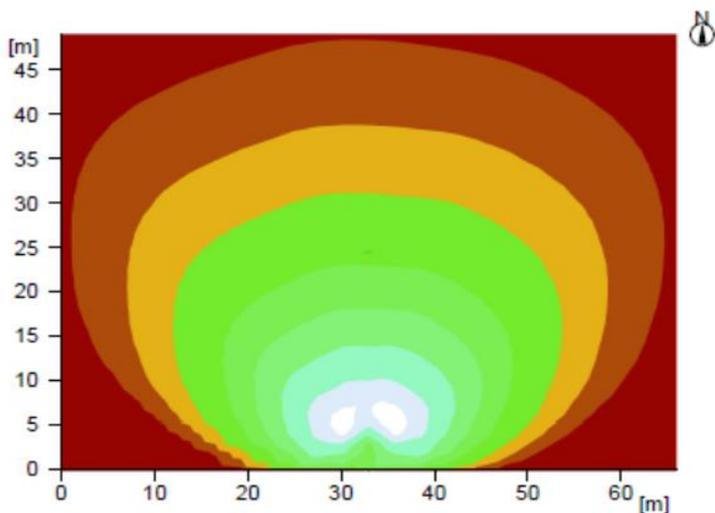
Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1.

K65 LED-4 200w 60 DEGREES ILLUMINATION LEVELS

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

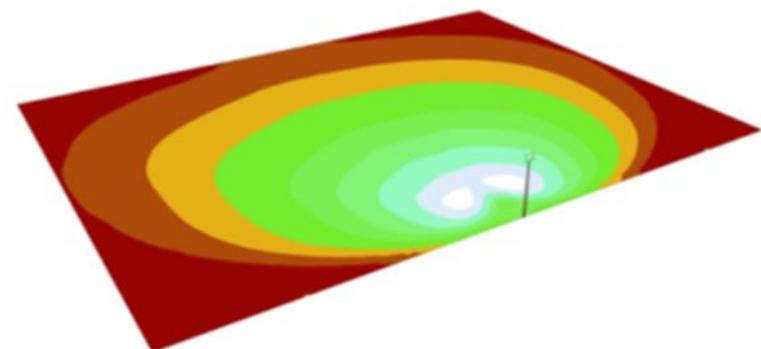
Guarantee claims for luminaire data are excluded.

SINGLE LIGHT HEAD DIRECTION ILLUMINATION

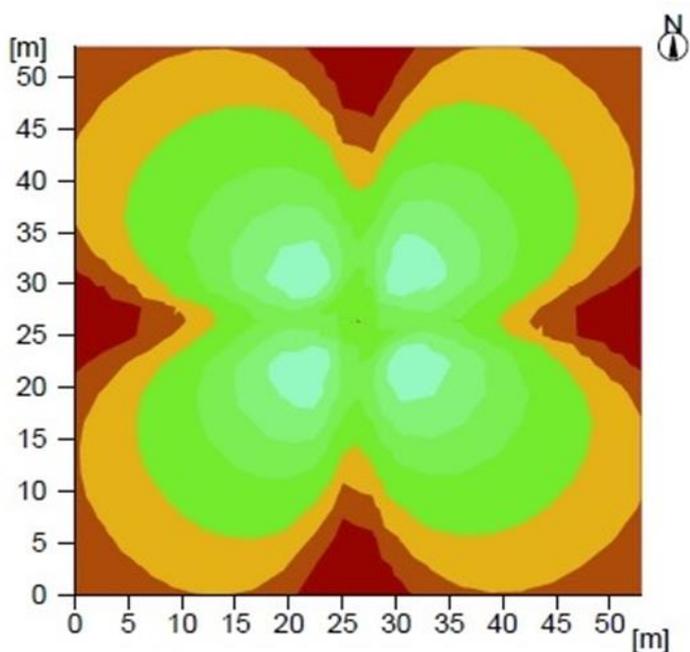


AREA - 3234m² @ 20 LUX AVERAGE

| | |
|-----------------------------|---|
| Total Luminous Flux | 91528 lm |
| Total Power | 792.0W |
| Total Power Per Area | 0.24W/m ² (1.20 W/m ² /100lx) |

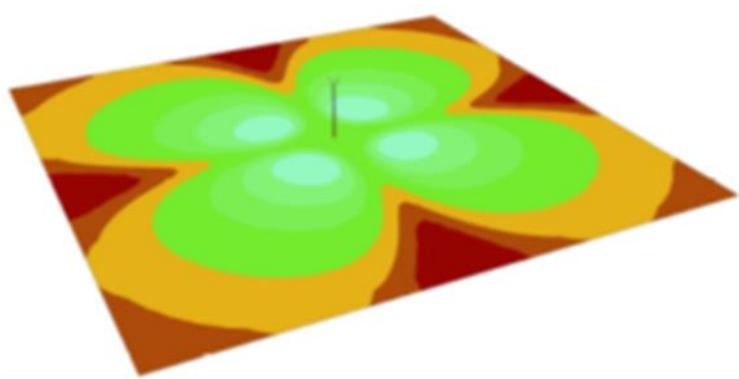


360 DEGREE ILLUMINATION



AREA - 2809m² @ 20 LUX AVERAGE

| | |
|-----------------------------|---|
| Total Luminous Flux | 91528 lm |
| Total Power | 792.0W |
| Total Power Per Area | 0.28W/m ² (1.40 W/m ² /100lx) |



*All data has been provided by Ritelite (systems) Ltd and is correct as of 11-04-16