

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



3 Year Engine Warranty (Limited)

* 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.



CONTROL PANEL

- DSE 3110 control module.
- 7-day programmable start/stop timer. (*Non-standard option*)
- 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.

STANDARD FEATURES

- Lights operational with either 115 or 230V selected.
- 230V auxiliary socket for mains feed to the lights.
- Fully adjustable tilt and turn light heads.
- Adjustable stabiliser legs.
- Industrial four wheeled trolley kit.
- Low oil pressure and high engine temperature shutdown.
- Low fuel level warning.
- Acoustic weatherproof canopy.
- Lifting eye.
- 12V fuel lift pump.
- Self bleeding fuel system.
- 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.



DIMENSIONS

Application	Length mm	Width mm	Height mm
Transport Mode Dimensions	1200	860	1930
Fully Deployed Dimensions	1660	1940	5400

WEIGHT

Max Weight Kg	
365	Dry
395	Wet

POWER DEFINITION

Prime Power (PRP) :

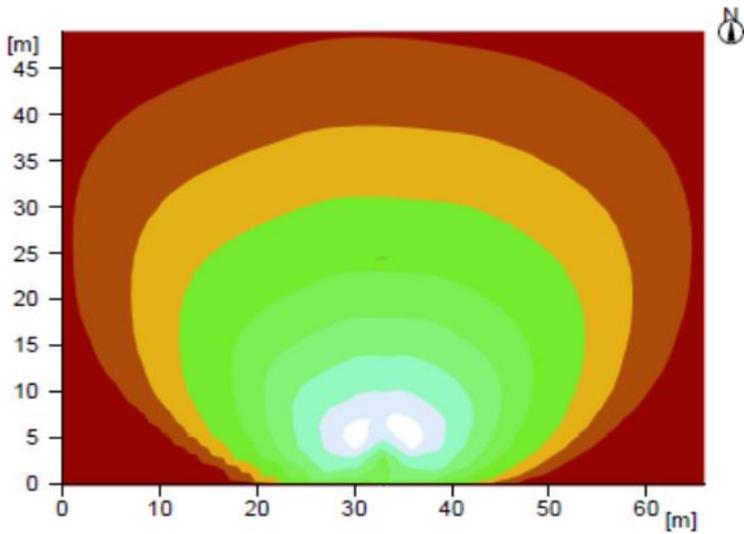
Applicable for supplying power to varying electrical load for unlimited hours in accordance ISO 8528-1.

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.

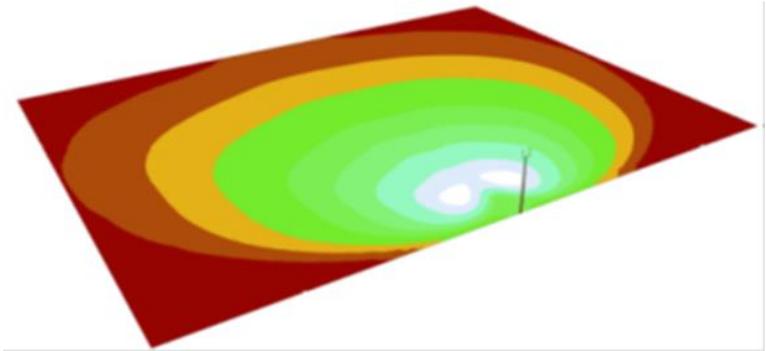
Guarantee claims for luminaire data are excluded.

SINGLE DIRECTION ILLUMINATION

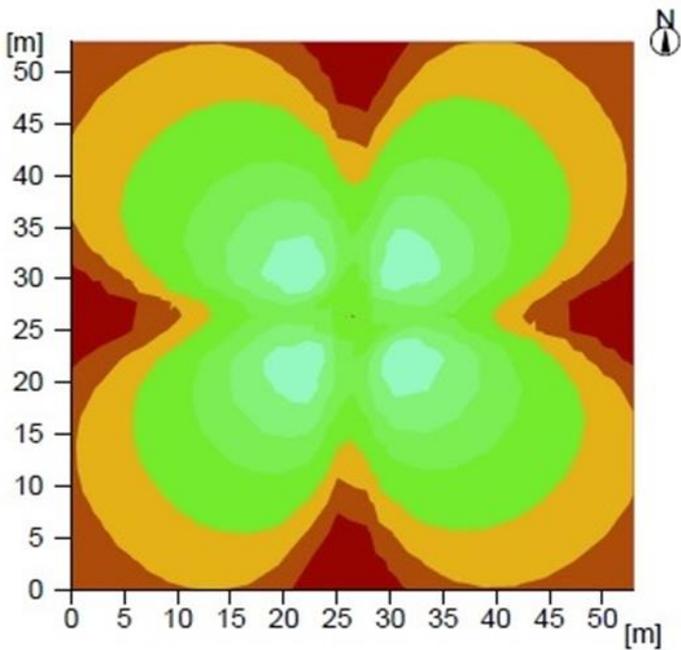


AREA - 3234m² @ 20 LUX AVERAGE

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

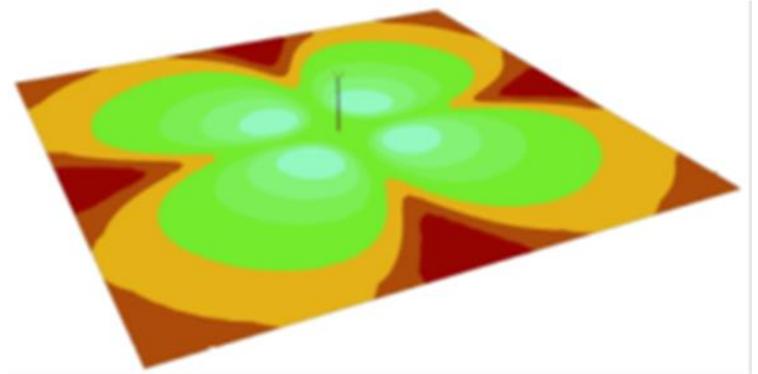


360 DEGREE ILLUMINATION



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