



## RPLT-7200K LED LIGHTING TOWER

### SPECIFICATIONS



#### ENGINE 1

Type  
Engine Power (kW)  
RPM  
Fuel Consumption (L/h)

#### KUBOTA Z482 DIESEL

Vertical 2-cylinder in-line water cooled  
4  
2600  
0.88 - 0.98 (subject to environment)

#### ENGINE 2

Type  
Engine Power (kW)  
RPM  
Fuel Consumption (L/h)

#### KUBOTA D905 DIESEL

Vertical 3-cylinder in-line liquid cooled  
6  
1500  
1.1

#### ALTERNATOR

Model  
Rated Power (kW)

SD 16B/4-pole brushless  
5.5

#### LIGHT FEATURES

Light (W)  
Luminous Flux (lm)  
Longevity (hrs)

LED 6 x 480  
6 x 36000  
20000

#### MAST FEATURES

Max. Erection Height (m)  
Hydraulic Rotation  
Operation Type

11  
350 non-continuous  
Hydraulic

#### DIMENSIONS AND WEIGHT

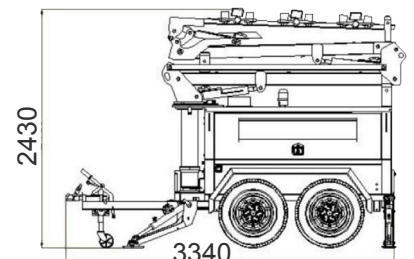
Dimensions (L x W x H) (mm)  
Weight (kg)

3340 x 1900 x 2430  
1950

### STANDARD EQUIPMENT

- 48 Volt DC
- 6 x 480W LED lights 3 years warranty
- 270L plastic fuel tank – lower fuel consumption 0.88L/h (up to 38 day runtime, based on 8 hour shifts)
- SMS remote reporting – GPS option
- Control panel - state of the art
- Full hydraulic tower lift and rotation
- Heavy-duty trailer construction, dual-axle 4 x 16 inch tyres
- 4 hydraulic stabiliser legs
- Cable track for wiring protection
- IP65 rated for all lights and control box
- Battery isolator
- Emergency stop

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## LED TURTLE FRIENDLY LIGHT MODEL RD480

LED LIGHT MODEL RD480	
Model No.	RD480 - DC
Input Voltage (V)	DC48
Input Current (A)	9.7
Wattage (pieces x W)	6 x 80
Power Factor	0.98
IP Rating	IP65
Lamp Power (W)	480
Lifespan (hours)	>20000
Colour Temperature (K)	2100
Wavelength (nm)	588
Luminous Flux (lms)	≥43528
CRI	>70
Beam Angle (degree)	45 - 130
Surface Material	Electrophoresis
Working Temperature (°C)	-20 ~ 55
Fixture Size (L x W x H) (mm)	500 x 500 x 250
Warranty (years)	3
Fixed Type	U Type Bracket
Net Weight (kg)	18

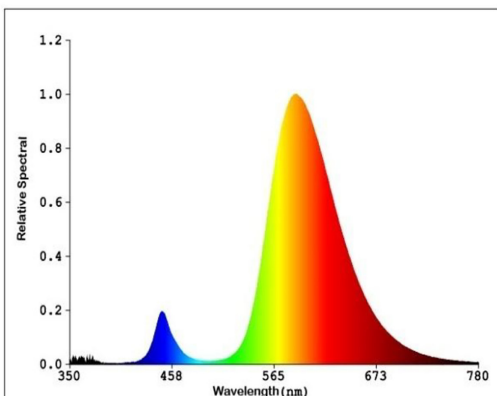


### FEATURES

- Shielded light panels
- Amber colour diodes LED
- Non-filtered
- No Pb, Hg or other pollution elements
- Long lifespan
- 50-75% energy saving compared with traditional lamps
- Unique design
- Instant illumination and no need to cool down when restarted
- One ideal lighting source for the replacement market of sodium vapour
- Turtle and environmentally friendly LED light, meeting Environmental Protection Authority Guidelines

### MATERIALS AND TECHNICS

- High pure aluminum alloy
- Electrophoretic coating
- Strong and durable
- Dust and waterproof



Tc=2100K

Ra=38.3

$\lambda_d=588\text{nm}$