



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

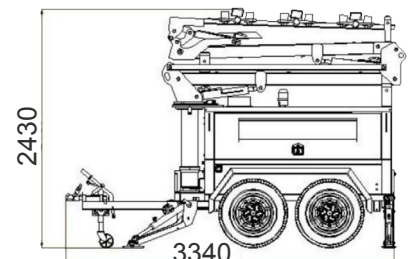
Dimensions (L x W x H) (mm)
Weight (kg)

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

REMOTE PROJECT SPECIALISTS
SAFER. GREENER. SMARTER SOLUTIONS.





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

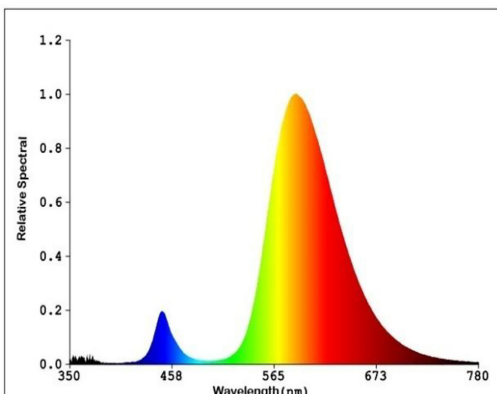


FEATURES

- 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

$\lambda_d=588\text{nm}$