MOBILE LIGHT TOWERS



aska®

PORTABLE LIGHTING SOLUTIONS

REDEFINING EXCELLENCE

ASKA's VT 8 vertical light tower is a durable, energy-efficient device that emits intense white light with a color temperature of over 5000° K. It features LED 4 lenses special asymmetrical combination for higher transparency, spread and focus giving better uniformity of light in a wider area coverage and a 360° rotatable lighting Mast making it suitable for various construction sites.



Total Lumens Output
210000
Lumens

Light Coverage
5800 Sq m

Engine
KOHLER
"Single Cylinder"

Lamp
350W
LED X 4 NOS

Alternator
NSM/
LINZ-Alumen/
Mc Alte
Italy (Brushless)

Mast Rotation
360° Winch
with locking system
& manual operation

Wind Speed
Stability
110 Km/hr

Fuel Tank Type
BUNDED
TANK

IP Rating
IP67

FUEL
INDICATOR
in Control Panel

ASKA
Splendid

VT-8 350W LED - K1 lighting system has a Kohler 1-cylinder air cooled engine with its 4 LED lamps of 350 Watt each.

It features a manually operated winch vertical interlocking mast, and a red & white safety marking for an operator eye view while rotating the lighting mast and making it an operator special safety feature addition to all ASKA lighting towers. It is suitable for use in a variety of settings, including work environments.



Total Lumens Output
224000
Lumens

Light Coverage
6150 Sq m

Engine
YANMAR
"Three Cylinder"
Japan

Alternator
NSM/ LINZ-Alumen/ Mc Alte
Italy (Brushless)

Mast Rotation
360° Winch
with locking system
& manual operation

Wind Speed Stability
110 Km/hr

Fuel Tank Type
BUNDED TANK

IP Rating
IP67

Extra Auxiliary Power
3KW available with
light load on

ASKA
Nomadic

VT-8 400W LED - Y3 lighting system has Yanmar Japan water cooled engine is designed with a bunded fuel tank, which helps to ensure the safe storage of fuel. It also features a manually operated winch with interlocked operations, which makes it easier for users during operations.

- Best in Class
- Compact and Easy to Assemble
- Robust and Reliable
- Flexible Design
- Easy Maintenance



Total Lumens Output
440000
Lumens

Light Coverage
20000 Sq m

Engine
YANMAR
"Three Cylinder"
Japan

Alternator
NSM/
LINZ-Alumen/
Mc Alte
Italy (Brushless)

Mast Rotation
360° Winch
with locking system
& manual operation

Wind Speed Stability
110 Km/hr

Fuel Tank Type
BUNDED TANK

IP Rating
IP67

ASKA
Nomadic

VT-8 1000W MHL - Y3 lighting system has Yanmar Japan water cooled engine produces a total of 440,000 lumens and has a light coverage of up to 20,000 Sq m (Approx. 5 acres). It is also able to maintain stability in wind speeds of up to 110 km/hr.



VT-CONNECT

A main feature of the VT Connect is that up to four units can be connected in series to a single mother tower of VT-8 400W LED - Y3 to provide a large area of illumination without consuming additional fuel.

- 100% Fuel Saving with 4 times productivity - **Total saving one million annually**
- Less capital cost investment
- Saving in maintenance cost for VT Connect 4 light towers - **Total saving 0.2 million annually**
- Light weight & easy handling
- Better design to protect the control panel from rain



Cables for connecting VT-8 Y3 ASKA Nomadic light towers with 4 VT-CONNECT are not included.

Total Lumens Output
100000
Lumens

Wattage
4 No's x 190/200 W

Lumens per watt
100 LM/W

Light Coverage
2200 Sq m

Mast Type
With interlocking WINCH

Mast Rotation
360° Winch with locking system & manual operation

Wind Speed Stability
110 Km/hr

IP Rating
IP67



ASKA Intelligent Lighting Tower Control Module

The DSEL401 MKII is an intelligent control module designed specifically for mobile lighting tower applications. The control module provides class leading flexible features that are fully configurable to suit multiple complex lighting sequences.

UK imported – Premium Quality
"Deep Sea World No.1 Controller", having 26+ Diagnosis Faults Symbols which is specially designed for Light Tower applications

- Large back **lit icon LCD display.**
- Displays information to the operator in a **clear and concise format.**
- Configurable staged **light control outputs.**
- Ensures the display continues to operate in **extreme cold weather conditions. Automatic & manual light control.**
- Avoids permanent **light failure during restart.**
- **Enables the controller to be configured to run automatically** between the hours of sunset and sunrise.

Components

Quality backed by sales & service centers spread across the nation.

Robust and most fuel-efficient engines.





Unique brushless alternators for light towers with auxiliary winding to regulate voltage on insulated capacitors to prevent high ignition voltage.

LEDs with four lenses each.
Average lamp life **50,000+ Hrs.**



SPECIFICATIONS

COMPONENTS	ASKA Splendid VT-8 350W LED - K1	ASKA Nomadic			VT-CONNECT
		VT-8 350W LED - Y3	VT-8 400W LED - Y3	VT-8 1000W MHL - Y3	
LUMINARIES					
Type of Lamp Fittings	Rectangular	Rectangular	Rectangular	Aluminium Oval	Rectangular
Floodlights/Lamp	LED	LED	LED	Metal Halide	LED
Wattage	4 No's x 350 W	4 No's x 350 W	4 No's x 400 W	4 No's x 1000 W MH	4 No's x 190/200 W
Total Lumens Output	210000 Lumens	210000 Lumens	224000 Lumens	440000 Lumens	100000 Lumens
Lumens per Watt	150 Lm/ W	150 Lm/ W	140 Lm/ W	110 Lm/W	100 LM/W
Light Coverage in Square Metres	5800 Sq m	5800 Sq m	6150 Sq m	20000 Sq m (Approx. 5 acres)	2200 Sq m
DIESEL ENGINE					
Engine Make	Kohler - Lombardini Air Cooled	Yanmar, Japan Water Cooled	Yanmar, Japan Water Cooled	Yanmar, Japan Water Cooled	N/A
Engine Model	KD 441	3TNV80-IGE	3TNV80-IGE	3T NV80-IGE	N/A
Engine Horsepower	8.2	11(Continuous), 12 (Stand by)	11(Continuous), 12 (Stand by)	11(Continuous), 12 (Stand by)	N/A
Engine Power (KW)	6.1	8.2 (Continuous), 9.5 (Stand by)	8.2 (Continuous), 9.5 (Stand by)	8.2 (Continuous), 9 (Stand by)	N/A
Engine Speed (rpm)	3000	1500	1500	1500	N/A
No of Cylinders	1	3	3	3	N/A
Emission Norms	CPCB-2	CPCB-2	CPCB-2	CPCB-2	N/A
FUEL TANK					
Fuel Tank Type	Bunded Tank	Bunded Tank	Bunded Tank	Bunded Tank	N/A
Fuel Tank Capacity	80 Litres	up to 120 Litres	up to 120 Litres	up to 120 Litres	N/A
Fuel Consumption (Approx.)	1.0 Ltr /Hrs	1.0 Ltr /Hrs	1.0 Ltr /Hrs	1.7 Ltr /Hrs	N/A
ALTERNATOR					
Alternator Make	NSM/ LINZ-Alumen/ Mc Alte Italy (Brushless)	NSM/ LINZ-Alumen/ Mc Alte Italy (Brushless)	NSM/ LINZ-Alumen/ Mc Alte Italy (Brushless)	NSM/ LINZ-Alumen/ Mc Alte Italy (Brushless)	N/A
Rated Output	5 kVA	8 kVA	8 kVA	8 kVA	N/A
Alternator Degree of Protection	IP23	IP20	IP20	IP20	N/A
Rating Voltage (Volt)	230 Volt	230 Volt	230 Volt	230 Volt	N/A
Auxiliary Power	10 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	N/A
MAST					
Type	Manual operation winch and each operation interlocked	Manual operation winch and each operation interlocked	Manual operation winch and each operation interlocked	Manual operation winch and each operation interlocked	Manual operation winch and each operation interlocked
Maximum Height (Metres)	7.8	7.8	7.8	8	5
Number of Mast Section	5	5	5	5	4
Mast Rotation	360° with locking system & manual operation	360° with locking system & manual operation	360° with locking system & manual operation	360° with locking system & manual operation	360° with locking system & manual operation
Mast Erection Time	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes
Wind Speed Stability	110 Km/hr	110 Km/hr	110 Km/hr	110 Km/hr	100 Km/hr
DIMENSIONS & WEIGHT					
L x W x H (Minimum) in mm	2000 x 1610 x 2410	1700 x 1680 x 2500	1700 x 1680 x 2500	1700 x 1680 x 2500	1240 x 800 x 2000
L x W x H (Maximum) in mm	2750 x 2970 x 7800	2340 x 3060 x 7800	2340 x 3060 x 7800	2340 x 3060 x 7800	1670 x 1240 x 5100
Dimensions for Transport in mm	2010 x 1620 x 2420	1710 x 1690 x 2510	1710 x 1690 x 2510	1710 x 1690 x 2510	1250 x 850 x 2100
Weight in kgs	665 (Approx.)	780 (Approx.)	780 (Approx.)	780 (Approx.)	280 (Approx.)



Buddy Light

- Single latch to release tripod
- Self-locking pole
- 360° adjustment
- 9 bay simultaneous rapid charger



Shapeshifter LED Tower

- Powered by a Honda engine and a lithium battery bank
- 4+ metre height
- Automatic mast opening with one touch button
- 45 kg weight + accessories
- 60 Watt X 6 = 360 Watt

Disclaimer: Please note that the photos and illustrations in this brochure may not depict all standard equipment for the machines. ASKA reserves the right to make changes to the specifications, designs and appearances of the products in this brochure without any prior notice or information.

aska®

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