

# MOBILE LIGHT TOWERS



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 359° rotatable lighting Mast making it suitable for various construction sites.

**aska**®

PORTABLE LIGHTING SOLUTIONS

**REDEFINING  
EXCELLENCE**



**Safety**

Red & White indicator for maximum light mast extension with auto-lock

**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.

**ASKA  
Eddy**

**VT-8 400W LED - K2** lighting system has a Kohler 2-cylinder water cooled engine with its 4 LED lamps of 400 Watt each.



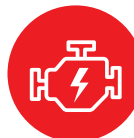
Total Lumens Output  
**196000**  
Lumens

Total Lumens Output  
**228000**  
Lumens



Light Coverage  
**5400** Sq m

Light Coverage  
**6250** Sq m



Engine  
**KOHLER**  
"Single Cylinder"

Engine  
**KOHLER**  
"Double Cylinder"



Lamp  
**350W**  
**LED X 4 NOS**

Lamp  
**400W**  
**LED X 4 NOS**



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



Mast Rotation  
**359°** 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

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.



## ASKA Nomadic

**VT-8 400W LED - Y3** light 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  
**228000**  
Lumens



Light Coverage  
**6250** Sq m



Engine  
**YANMAR**  
"Three Cylinder"  
Japan



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



Mast Rotation  
**359°** 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

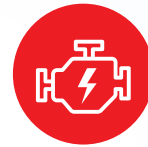
**VT-8 1000W MHL - Y3** lighting system produces a total of 440,000 lumens and has a light coverage of up to 20,000 Sq m (Approx. 5 acres). It is also able to maintain stability in wind speeds of up to 110 km/hr.



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  
**359°** Winch  
with locking system  
& manual operation



Wind Speed Stability  
**110** Km/hr



Fuel Tank Type  
**BUNDED  
TANK**



IP Rating  
**IP67**





## 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<sub>w</sub>**



Lumens per watt  
**100** LM/W



Light Coverage  
**2200** Sq m



Mast Type  
With interlocking  
**WINCH**



Mast Rotation  
**359°** 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.

Robust and most fuel-efficient engines.

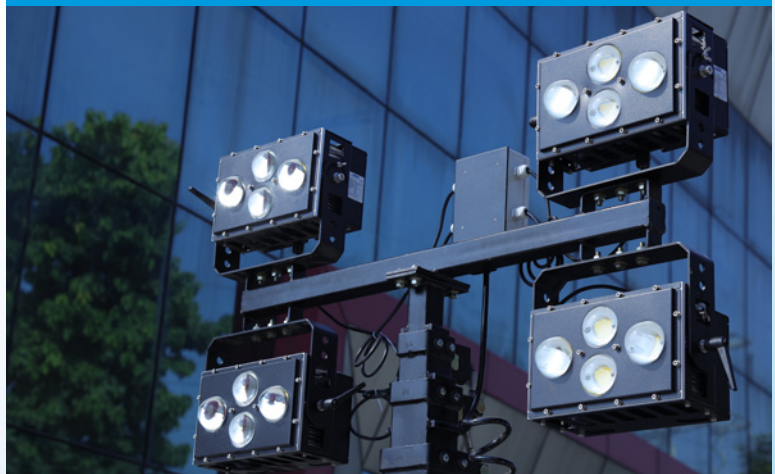


Unique brushless alternators for light towers with auxiliary winding to regulate voltage on insulated capacitors to prevent high ignition voltage.

## Components

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

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



# SPECIFICATIONS

COMPONENTS	ASKA Splendid VT-8 350W LED - K1	ASKA Eddy VT-8 400W LED - K2	ASKA Nomadic		VT-CONNECT
			VT-8 400W LED - Y3	VT-8 1000W MHL - Y3	
<b>LUMINARIES</b>					
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 400 W	4 No's x 400 W	4 No's x 1000 W MH	4 No's x 190/200 W
Total Lumens Output	196000 Lumens	228000 Lumens	228000 Lumens	440000 Lumens	100000 Lumens
Lumens per Watt	140 Lm/ W	142 Lm/ W	142 Lm/ W	110 Lm/W	100 LM/W
Light Coverage in Square Metres	5400 Sq m	6250 Sq m	6250 Sq m	20000 Sq m (Approx. 5 acres)	2200 Sq m
<b>DIESEL ENGINE</b>					
Engine Make	Kohler - Lombardini	Kohler - Lombardini	Yanmar, Japan	Yanmar, Japan	N/A
Engine Model	KD 441	KDW 702 GE 515	3TNV80-IGE	3T NV80-IGE	N/A
Engine Horsepower	8.2	6.8	11(Continuous), 12 (Stand by)	11(Continuous), 12 (Stand by)	N/A
Engine Power (KW)	6.1	4.5 (Continuous), 5.1 (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	2	3	3	N/A
Emission Norms	CPCB-2	Stage V	CPCB-2	CPCB-2	N/A
<b>FUEL TANK</b>					
Fuel Tank Type	Bunded Tank	Bunded Tank	Bunded Tank	Bunded Tank	N/A
Fuel Tank Capacity	80 Litres	80 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
<b>ALTERNATOR</b>					
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	3.5 kVA	8 kVA	8 kVA	N/A
Alternator Degree of Protection	IP23	IP23	IP20	IP20	N/A
Rating Voltage (Volt)	230 Volt	230 Volt	230 Volt	230 Volt	N/A
Auxiliary Power	10 amp. Maximum	N/A	16 amp. Maximum	16 amp. Maximum	N/A
<b>MAST</b>					
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	359° with locking system & manual operation	359° with locking system & manual operation	359° with locking system & manual operation	359° with locking system & manual operation	359° 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
<b>DIMENSIONS &amp; WEIGHT</b>					
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	800 (Approx.)	780 (Approx.)	780 (Approx.)	780 (Approx.)	280 (Approx.)



### Portable Inflatable Emergency Lighting System

The system is developed in a way that is easy to carry and mount. There is an inbuilt combination of engine and alternator (Genset) of 750 VA, providing a portable energy source with two blowers and a 400W metal halide lamp.

- ▶ Glare-free light
- ▶ Easy to transport
- ▶ Quick deployment



### 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.



PORTABLE LIGHTING SOLUTIONS

R-482, New Rajendra Nagar, Acharya Sushil Muni Square  
Shankar Road, New Delhi -110060.

TollFree : 1800 123 8611 | Land Line : 011-49458800

sales@askagroup.com

www.lighttower.in

Visit our website for more information about other products - www.askagroup.com