



ASCENTECH[®]

**SINGLE-PERSON OPERATED
BATTERY POWERED
ASCENTECH RAPID LIGHT**

ASCENTECH LIGHTENING SOLUTION

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📍 Ballabgarh, Faridabad

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ZERO

NOISE

EMISSIONS

FUEL CONSUMPTION



0dB Quiet
Operation



50Kg-Class
Single-Person Rapid Deployment



0 Diesel Cost



Triple Wheel + Self-Locking Leg
Adapts To All Terrains



0 Carbon Emissions



IP65 Weatherproof
Wind Resistance Level 8



0 Maintenance Cost



Lithium Battery Powered
Versatile For Various Sites



0 Trailer Cost



Fully Rotatable Head & Adjustable
Beam Angle For Versatile Lighting Area

Rapid Light cuts both equipment and life-cycle-consumption / transportation / maintenance costs compared to the traditional fuel generator light tower.

COST



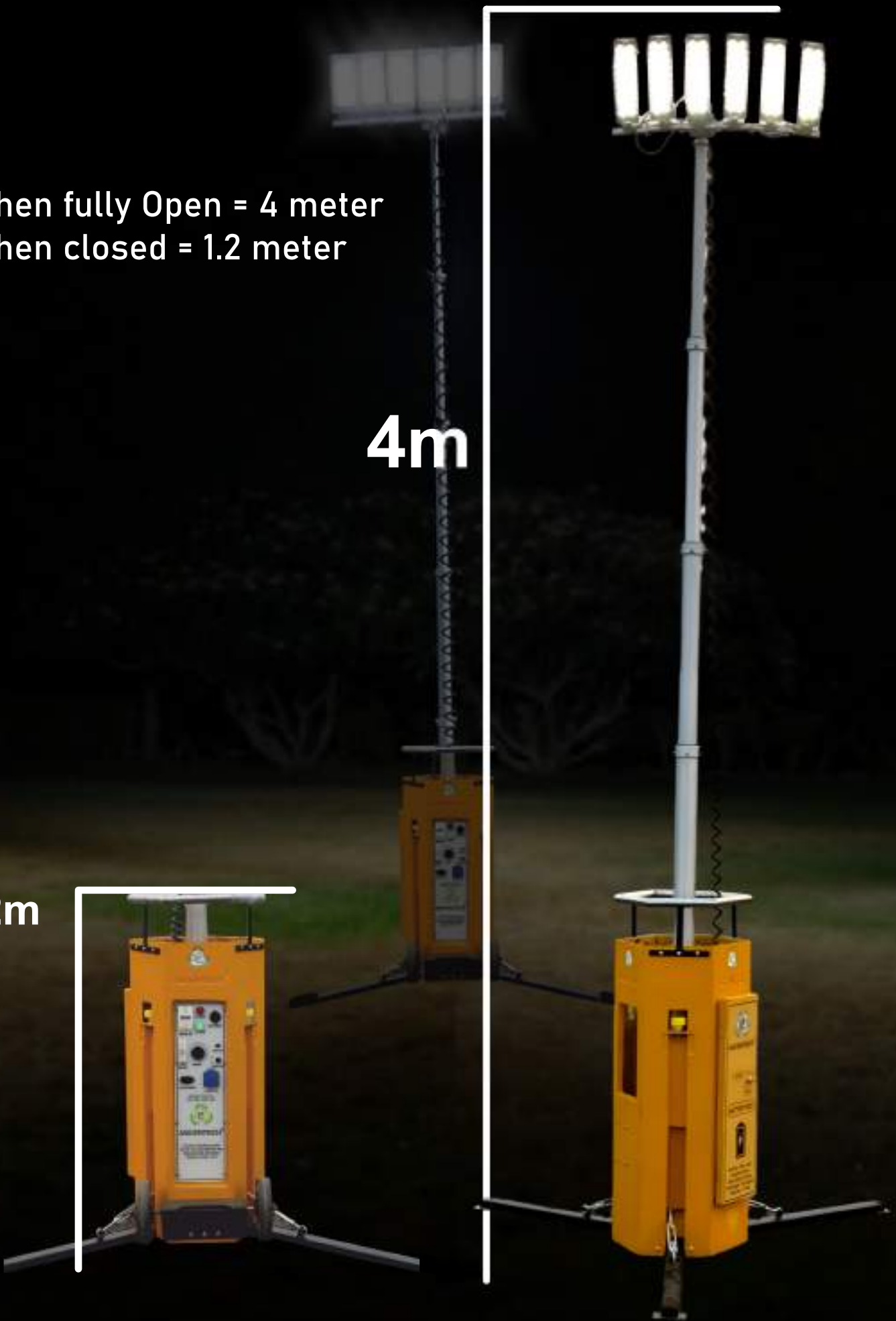
Height of Light



When fully Open = 4 meter
When closed = 1.2 meter

4m

1.2m

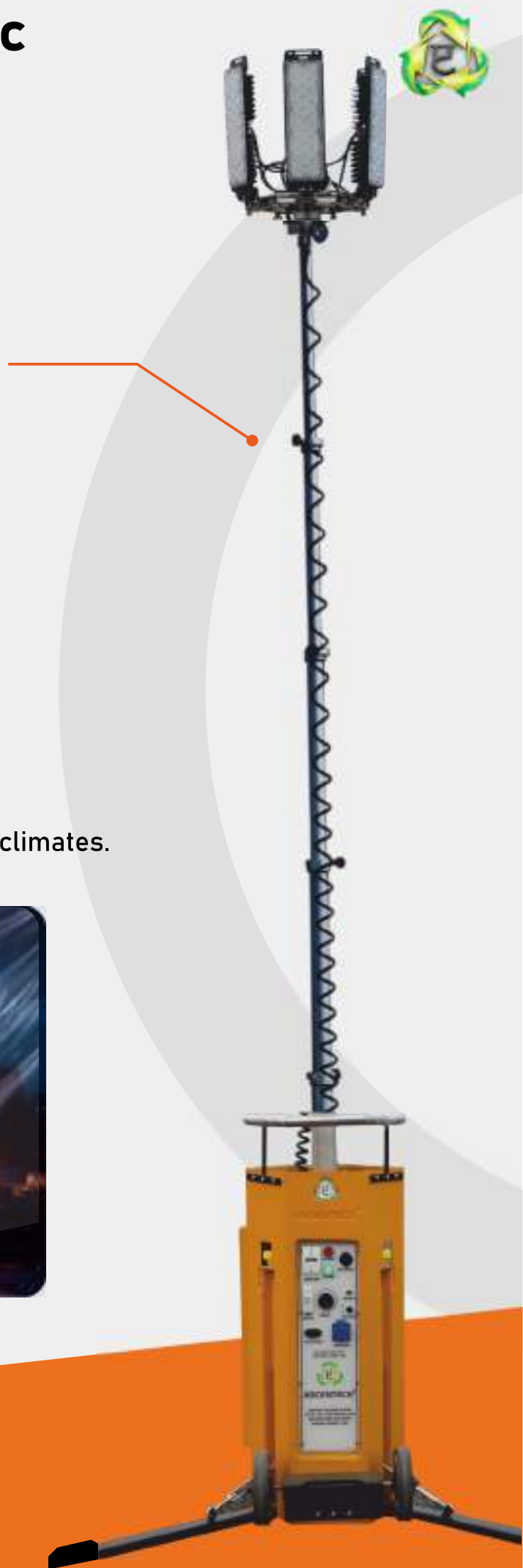


Unique Cloud Pneumatic Telescopic Pole

Original mechanical structure that maximizes weight reduction while maintaining stability.



IP65, resistant to 8-level winds, corrosion-resistant, available in most climates.





Each lamp head can be adjusted freely.

180° Lighting with Adjustable Coverage



360° Lighting with Adjustable Coverage



Individual Adjustment of all 6 Heads on 180° coverage



Individual Adjustment of all 6 Heads on 360° coverage



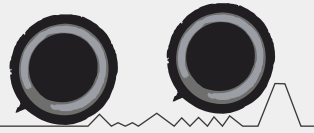
Manual Locking Support Legs



Adapt to all terrains, whether it is steps, slopes or potholes.



2-Wheel Design



Easy one-person transport on any terrain.



A handle that provides the best grip doubles as lift point.



Stays stable on muddy ground with maximum contact surface.

Ultra-Long Working Hours



Lit-ion Battery (10kg)

Portable lithium battery with large capacity in a small size



8-30 Hours

With fully charged battery power alone, it can provide 8-30 hours lighting.



It also supports using an AC driver for direct power connection.

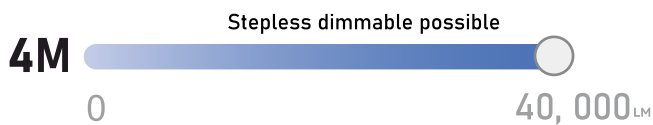


High-Efficiency LED Light Source



4M
Battery-powered
Up To **40,000_{LM}**

Stepless Dimmable (Dc Powered)

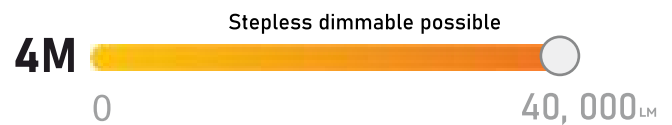


When DC powered,
Knob on control panel
Adjust 0-100% dimming.



4M
AC Powered
Up To **46,000_{LM}**

Stepless Dimmable (Ac Powered)



When AC powered,
Knob on control panel
Adjust 0-100% dimming.



One-Person Operation



Only one operator is needed to transport, deploy, and adjust lighting.



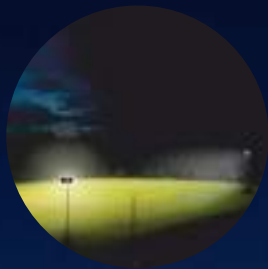
Construction



Mining



Emergency



Sport



Fire fighting



Event

The total light tower weight is
(including battery pack).

53 Kg (4m)

For quick deployment in emergencies
this equipment fits easily into standard
SUVs for single-person loading.*



* Proper securing and part locking are crucial during transport. Two or more people are required for lifting unless a forklift is available.

Parameter



Total lumen	More than 35,000
LEDlamp with Dimmer	Yes
IP Rating for LED lamp/ Luminaire	IP 66
BIS approvedLEDlamp / Luminaire	YES
Operating temperature	-20 °C to +50 °C
Input voltage	90 to 270 VAC/ 50 Hz
Tower mast material	Lightweight aluminium alloy (special grade high strength)
Mast operation type	Pneumatic type with a press of a single button
Total height from ground	Minimum 4 meter
180° light to 360° operation	Yes possible

Integrated wheels	Yes
Adjusted tripod legs	Yes
Transport dimensions	490 mm x 490 mm x 1180 mm
Weight of the light tower	40 kg (without accessories)
Power source	Honda EP 1000 genset runs for 9 hours on full load & max. battery 3.5 hrs.
Wind resistance	Upto 12.5M/s without resistance
Certifications	BIS approvedLED luminaire & drivers. In addition, the complete product was tested by NABL approved lab

Size (cm)

4m

1.2m

