

8 Foot  
Extension!

# The Mini-Cube™ Flagger Light

The Mini-Cube™ Is A Lightweight, Highly Portable Light Source With Extended Runtime To Light Up The Job Site.

Designed to Meet National and State Flagger Illumination Regulations.  
Complies with NCHRP Report 476 Section 2.5.2 (Illumination, Visibility, and Temporary Lighting) and the MUTCD Section 6E.05

## Operational Features

- Full 8 foot light head elevation when extended
- Collapsible aluminum extension mast with locking thumb screws and retractable cable
- 24" collapsed height
- Single cube, 10 watts, 800 lumens
- Dual cube, 20 watts, 1600 total lumens
- Rated 50,000 hours service on LED lamphead
- **Lifetime Warranty on lamphead**
- Push-to-test volt meter built in to front panel
- 12-volt power port for quick charge from an external battery source or voltage out to run 12-volt devices
- Adjustable directional lamphead(s)

## Internal Battery

- 12 VDC sealed 33 amp AGM lead acid battery
- Deep cycle with built-in 115 VAC charger system and cord
- Run time for Single LED Mini-Cube™ with full charge, 32+ hours
- Run time for Dual LED Mini-Cube™ with full charge, 16+ hours
- Battery pack rated for 500+ charge cycles
- Approved for continuous charging. Keep unit plugged in when not in use. If Mini-Cube™ becomes fully depleted, recharge time may require up to 24 hours
- One year replacement warranty on battery pack and charger



Use 12-Volt Adapter Cable to Charge and/or Run DC Powered Electrical Devices

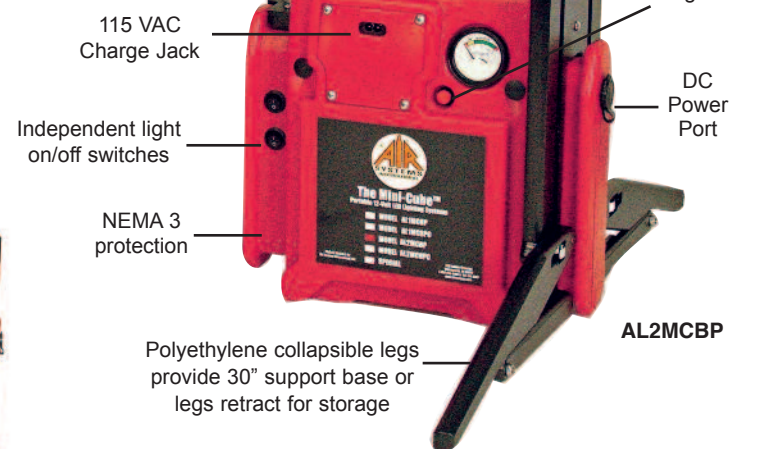


## Approvals

- Battery FAA, DOT, CAB, IA, and TA approved for air transport
- RoHs (Restriction of Hazardous Substances) compliant

## Mini-Cube™ Features

Additional  
U.S. and Foreign  
Patents Pending  
D645,199  
D644,089



AL1MCBP

ERVK-15DC

AL2MCBP

See Mini-Cube™ ordering information inside brochure.

CAT035

Copyright 2011 All Rights Reserved

# Air-Light™ and Mini-Cube™ Portable Area Lighting Systems



Patented Area Lighting for Commercial and Industrial Applications

E-Mail: Sales@airsystems.com Web: www.airsystems.com  
Toll Free: (800) 866-8100 Phone: (757) 424-3967



# The Air-Light™

## DC Powered Portable LED Light Series

### Operational Features

- Power supply can be switched from internal 12 VDC battery to external 12 VDC power or 110-240 VAC 50/60Hz power without interrupting light operation
- Internal battery can be charged from external 12 VDC or 110-240 VAC 50/60Hz power sources
- Power port socket for charging internal battery or powering external accessories such as cell phones, laptops or handheld lights
- Air-Light™ can operate/charge with clamp style jumper cables from a vehicle
- Delivered fully assembled
- Deploys/stows rapidly without the use of tools and folds to fit within the integral storage case
- Operational in sustained 35 mph full frontal winds, 65+ mph rear winds
- Mast extends from a range of 30" - 87" above ground

### Internal Battery

- 12 VDC, 22 amp/hr, deep cycle sealed lead acid AGM battery
- Maintenance-free, non-spillable and operates in any position
- Safely stored/operated at -40°F to 140°F, (-40°C to 60°C)
- 6 hour minimum recharge time. 12 hours or overnight charge to condition the battery from full discharge
- One year replacement warranty on battery pack and charger



**Stainless steel legs  
for stability on  
almost any terrain!**



Additional  
U.S. and Foreign  
Patents Pending  
D645,199  
D644,089

### Interior Frame

- Integral stainless steel unitized structural frame assembly and battery box
- Drop tested from 1 meter, (all 6 sides, all 4 corners) with no internal, structural or electrical failures
- Support legs can extend to 19" or 32" length to create a stable 36" x 32" 3-point platform

### Approvals / Conformances

- Declaration of Conformity CE council directive 2006/95/EC
- Specifications Declared: Essential Health and Safety Requirements of Annex 1 of the Low Voltage Directive
- RoHs (Restriction of Hazardous Substances) compliant
- CE registered lights
- Battery FAA, DOT, CAB, IA, and TA approved for air transport

### Interior Control Panel

- NEMA 3 protection
- Independent light control switches
- Digital push to test voltage meter
- External color coded POS (+) and NEG (-) connection posts
- Dual ended power port cable for connection to vehicle cigarette lighter or auxiliary power port outlet
- 110 VAC, US cord standard
- International cord sets available



**Power Source**  
DC to DC and 115 VAC  
power cords provided. 12 volt  
DC power port can operate or  
charge accessories such as  
cell phones or laptops



**Direct connection from vehicle's  
battery system via jumper cables  
to battery posts located on the  
standard battery pack**

**Internal AGM battery pack with  
dual lamp switches, rated for  
500+ discharge cycles,  
3 - 5 year service life**



# When Disaster Strikes!

## Air-Light™ Severe Weather Essential

The Air-light™ provides high power lighting in the most adverse conditions. Telescoping legs provide a stable platform to provide lighting in rugged terrain and/or high wind conditions. The unit has the ability to switch from internal battery to external DC power from a response vehicle for storm damaged areas and remote locations. The Air-Light™ is perfect when conditions are anything but perfect.

### Air-Light™ Features

- Mast extends from 30" up to 87" elevation
- Adjustable directional lamphead(s) available in dual (1600 lumens) or quad (3200 lumens) configuration
- Operational in sustained 35 mph front winds, 65+ mph rear winds
- Battery run time 5 hours to 20+ hours depending on light configuration

### Air-Light™ Applications

- Emergency Response Lighting
- Sewer and Water Repair
- Electrical Transformer Repair
- Construction & Maintenance



### Dual Cube Specifications:

- 12 VDC, 1.5 amps, 20 watts
- 1600 lumens
- 50,000+ hrs LED service life - **Lifetime warranty**
- Anodized aluminum w/ polycarbonate lens
- Operating temperature: -40°F to 140°F
- Full charge run time: 10+ hours
- IR models, full charge run time: 30+ hours

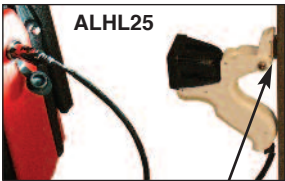


### Quad Cube Specifications:

- 12 VDC, 3 amps, 40 watts
- 3200 lumens
- 50,000+ hrs LED service life - **Lifetime warranty**
- Anodized aluminum w/ polycarbonate lens
- Operating temperature: -40°F to 140°F
- Full charge run time: 5+ hours
- IR models, full charge run time: 15+ hours

### Hand Held LED Light

- 12 VDC, .75 amps, 10 watts, 800 lumens
- Anodized aluminum housing with polycarbonate lens
- Operating temperature -40°C to 85°C
- 25 foot power cord with male power port connector
- Ergonomically designed polyethylene pistol grip
- Magnet rated at 30 lbs. with adjustable base
- For use with Air-light™ or Mini-Cube™



**Magnetic  
Base**

## Mini-Cube™ Traffic and Emergency Essential

The lightweight, high output Mini-Cube™ provides over 30 hours of runtime between charges. The water and dust tight 800 lumen LED head is multi-directional on an 8 foot retractable aluminum pole, to put light where you need it the most!

### Mini-Cube™ Features

- 8 ft. light elevation at full extension and retractable to 24" for storage
- Adjustable with single or dual directional lamphead(s)
- Rated 50,000 hours service on LED lamps - Lifetime Warranty
- Push-to-test volt meter on front panel
- 12-volt port for quick charge from external battery or to run 12-volt devices
- Approved as Flagger Light (see back page for details)

### Mini-Cube™ Applications

- Elevated Area Lighting
- Emergency Response Lighting
- Flagger Lighting
- Small Enough for Use in Bucket Trucks
- Sewer and Water Repair
- Construction & Maintenance



## Air-Light™ Systems

Model No.	Description
AL2CUBEBP	<b>Air-Light™ - LED</b> Air-Light™ - Dual Cube, 1600 lumens
AL4CUBEBP	Air-Light™ - Quad Cube, 3200 lumens
AL2C-IR850	<b>Air-Light™ - Night Vision</b> Air-Light™ - Dual Cube, 850 nm output light spectrum
AL2C-IR940	Air-Light™ - Dual Cube, 940 nm output light spectrum
AL4C-IR850	Air-Light™ - Quad Cube, 850 nm output light spectrum
AL4C-IR940	Air-Light™ - Quad Cube, 940 nm output light spectrum
ALHL25	<b>Magnetic Hand-held Single Cube LED Light</b> LED Hand Light, 25 foot cord with power port male adapter

**All Air-Light™ models include internal battery pack, 3 amp battery charger and cables.**

## The Mini-Cube™

Model No.	Description
AL1MCBP	Mini-Cube™ - Single Cube, 800 lumens
AL2MCBP	Mini-Cube™ - Dual Cube, 1600 lumens
ERVK-15DC	<b>Emergency Response Ventilation Kit</b> Emergency Response Ventilation Kit. Includes Mini-Cube™, Model AL1MCBPC and Contractors DC Canister Fan, Model CVF15DCNBP
ALHL25	<b>Magnetic Hand-Held Single Cube Led Light</b> LED Hand Light, 25 foot cord with power port male adapter

**All Mini-Cube™ models include internal battery pack, 3 amp battery charger and cables.**

**Additional LED cubes may be added as needed.  
Contact Customer Service for details.**