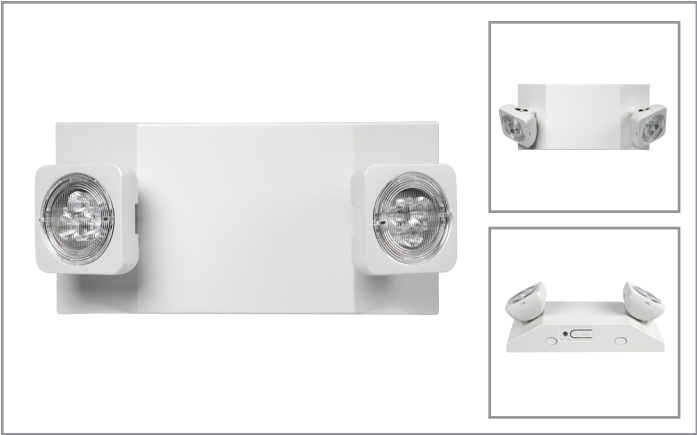


Project		Catalog #		Type	
Prepared by		Notes		Date	



SURE-LITES

All-Pro AP2SQLED30/AP2HSQLED30

LED Emergency Light; 30 Feet Egress Coverage
Sealed Nickel Cadmium Battery
Extra Capacity for additional remote heads
Available in Black and White

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Manufacturing

Interactive Menu

- Order Information page 2
- Photometric Data page 2
- Technical Data page 3
- Product Warranty

Product Certification



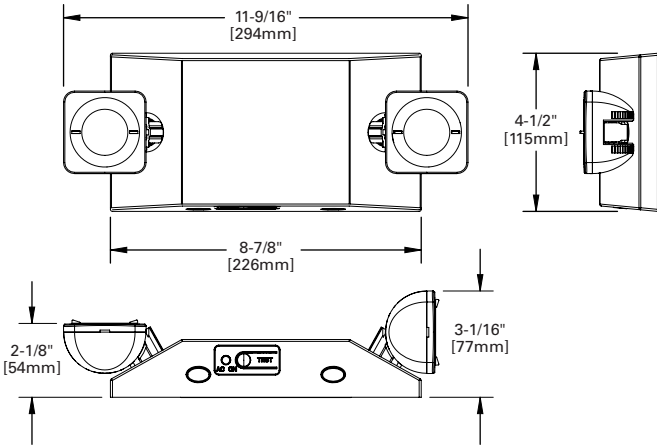
Product Features



Top Product Features

- Provides emergency lighting for a minimum of 90 minutes
- UL 924 damp location listed
- Adjustable heads provide up to 30 feet of emergency egress coverage
- Wall or ceiling mount
- 3.6V, 1.5W DC long lasting LED heads
- Dual voltage input 120/277 VAC, 60 Hz
- Universal J-box mounting pattern
- Operating temperature range of 0°C to 50°C
- 2.5W capacity for additional remotes of 3.6V - compatible with APWR1 and APWR2

Dimensional Details



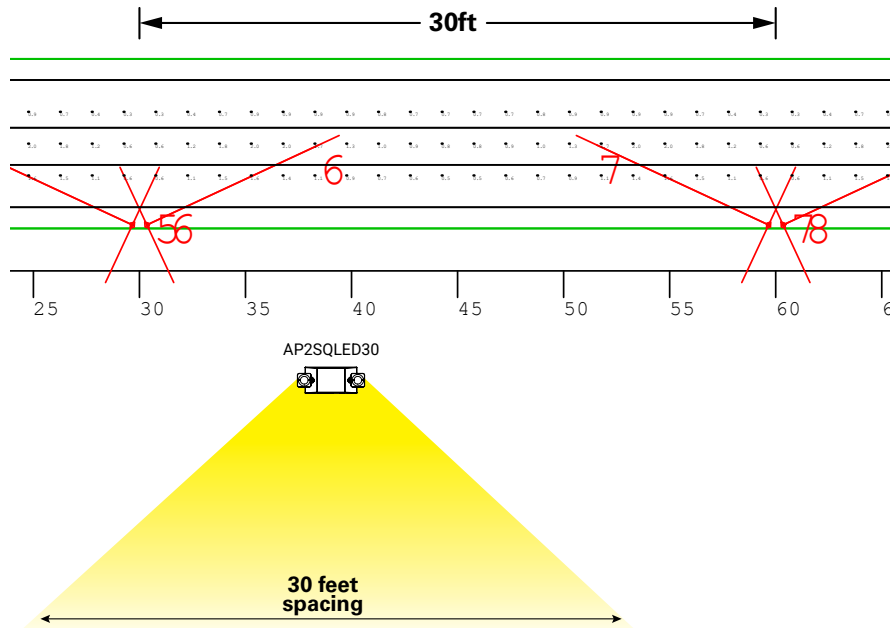
Order Information

SAMPLE ORDER NUMBER: **AP2SQLED30**

View IES files

Series	Heads	Battery	Coverage	Color	Catalog Numbers
AP=All-Pro	2SQLED30=Two Square LED Heads 2HSQLED30=Two Square LED Heads with capacity to power additional remotes	[Blank]=Nickel Cadmium Battery	30=30 feet	=White BK=Black	AP2SQLED30

AP2SQLED30 Photometry



X	Y	Z	Orient	Tilt
-30.3	0.2	7.5	155	50
-129.7	0.2	7.5	25	50
-0.3	0.2	7.5	155	50
0.3	0.2	7.5	25	50
29.7	0.2	7.5	155	50
30.3	0.2	7.5	25	50
59.7	0.2	7.5	155	50
60.3	0.2	7.5	25	50
89.7	0.2	7.5	155	50
90.3	0.2	7.5	25	50
119.7	0.2	7.5	155	50
120.3	0.2	7.5	25	50

***The "Rule of Thumb" spacing guidelines are designed to achieve 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 12 foot ceiling with an 8 foot wide walkway and 3 foot path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet. Cooper Lighting Solutions assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as guarantee of any code compliance.

Product Specifications

Electrical

- Dual Voltage Input 120/277VAC 60Hz
- Line-latching
- Brownout circuit
- Low Voltage Disconnect
- Overload/Short Circuit Protection
- Test Switch/Power connector facilitates installation
- 3.6V, 1.5W DC Long Lasting LED Heads

Housing Construction

- All components are injection molded, color stable, high impact thermoplastic material
- Designer textured finish standard
- Components are of snap-fit construction to facilitate under 5-minute installation
- Reinforcing ribs throughout to provide maximum strength
- Suitable for wall or ceiling mount applications
- Universal J-box mounting pattern
- Keyhole mounting slots
- Available in white

Battery

- Sealed nickel cadmium
- Maintenance-free, long-life
- Full recharge time: 24 hrs (max.)

Code Compliance

- UL 924 Damp Location Listed
- Life Safety NFPA 101
- NEC/OSHA
- Operating temperature range 0 °C to 50 °C
- California Energy Code compliant

Head/Lamp Data

- Long Life LED Emergency Heads
- Two heads standard
- Fully adjustable
- High impact thermoplastic
- Matches housing finish

Warranty

- Five-year limited product warranty
- Seven-year limited prorated battery warranty

Energy Data

Model	Input Power 120V	Input Power 277V	Input Current 120V (Max.)	Input Current 277V (Max.)
AP2SQLED30	0.33W	0.47W	.06A	.07A
AP2HSQLED30				

Electrical Ratings

Model	DC Voltage	1.5 Hours
AP2SQLED30	3.6 Volts	1.5 Watts

Note: Each Long Life LED Emergency Head replaces a 10 Watt Incandescent lamp.

Technical Data

Description

The AP2SQLED30/AP2HSQLED30 is an UL 924 listed emergency light with a minimum of 90 minutes of run time and 30 feet of emergency egress coverage. Key features include square LED heads, a no maintenance nickel cadmium battery and a five year fixture warranty. The square LED heads are fully adjustable to maximize design flexibility. The universal j-box mounting pattern and snap fit housing construction significantly reduce installation time.

LED Heads

- Horizontal and vertical rotatable, fully adjustable
- 3.6V, 1.5W DC LED heads

Housing Construction

- Rugged, durable, injection molded thermoplastic materials
- Structural components designed with reinforcing ribs for additional rigidity and structural integrity
- Impact and scratch resistant
- UV stabilized to resist discoloration due to age and ultraviolet radiation
- Snap-fit construction (no mechanical fasteners) to facilitate installation in under five minutes
- Mounting plate's keyhole mounting slots and universal mounting pattern provides quick, efficient installation
- Installation components included (wire nuts, wire leads, etc.)
- Wall or ceiling mounting
- Housing color available in white

Line-Latched

- Line-latched electronic circuitry for easy and economical installation
- Line-latching eliminates contractor's return to site to connect the batteries when the building's main power is turned on
- Labor efficient AC activated load switch prevents lamps from turning on during installation to a non-energized AC circuit

Solid-State Charger

- 120/277 VAC, voltage regulated solid-state charger
- High charge rate immediately following power restoration of AC current after a power failure
- Charge circuit reacts to the condition of the battery and regulates the charging process in order to maintain peak battery capacity and maximize battery life
- Solid-state construction recharges the battery following a power failure in accordance with UL 924

Brownout Circuit

- Monitors the flow of AC current
- Activates the emergency lighting system when a predetermined reduction/dip of AC power occurs (a dip in voltage will cause most ballasted products to extinguish, causing loss of normal lighting even though a total power failure has not occurred)

Low Voltage Disconnect

- Low-voltage circuitry disconnects the lighting load when battery's terminal voltage falls
- Disconnect remains in effect until normal utility power is restored, preventing deep battery discharge

Test Switch/Power Indicator Light

- Switch permits the activation of the emergency circuit for complete operational systems check
- Indicator light provides visual assurance that the AC power is on

Sealed Nickel Cadmium Battery

- Sealed, maintenance-free nickel cadmium battery with 10-year life expectancy
- Rechargeable battery offers high discharge rates and stable performance over a wide range of temperatures

Limited Warranty

- Five-year limited warranty against defects in material and workmanship
- Nickel cadmium battery has a seven-year prorated warranty

Remote Model	Number of Remotes	Feet Covered
APWR1	2	17' each for 34 feet total
APWR2	2	17' each for 34 feet total

Note: This is in addition to the built in heads that deliver 30'.