DESCRIPTION

The Model CC-2 Contractor’s Choice Emergency Lighting Unit is an economic, yet attractive, alternative to standard two headed emergency lighting units. All components snap together to facilitate installation in 2 minutes or less. Field adjustability is not sacrificed for cost as both lighting heads have total horizontal and vertical adjustability. The Model CC-2 Contractor’s Choice is ideal for applications which demand the minimum product cost without sacrificing adjustability, dependability, or aesthetics.

SPECIFICATION FEATURES

Electronic
Dual Voltage Input 120/277 VAC, 60 Hz, Isolation Transformer
Line-latching
Solid-state Voltage
Limited Charger
Solid-state Switching
Low Voltage Disconnect
Brownout Circuit
Overload/Short Circuit Protection
Test Switch/Power Indicator Light

Housing Construction
Designed for Under 2 Minute Installation
Housing is Tethered to Mounting Plate to Facilitate Installation
Injection Molded, Color Stable, High Impact UL 94-5V Rated Polycarbonate Housing and Mounting Plate
Designer White Textured Finish
Cutouts Provided in Housing for Surface Conduit Attachment
Suitable For Wall or Ceiling Mount Applications

Battery
Sealed Lead Calcium, Recombination
Maintenance Free, Long Life
Full Recharge Time, 24 hrs. (max.)
Polarized Battery Terminals

Code Compliance
UL 924, Damp Location Listed
Life Safety NFPA 101
CSA Certified
Nom Certified
NEC/OSHA
Most State and Local Codes

Warranty
Unit – 1 year
Battery – 5 year pro-rata

Head/Lamp Data
Two Heads Standard
PAR 36 Type
Glare-Free Lens
Fully Adjustable Lamp Housing
High Impact Polycarbonate
Matches Housing Finish

ELECTRICAL RATINGS

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Wattage</th>
<th>Lamp Information</th>
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<tbody>
<tr>
<td>CC-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Incandescent</td>
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<tr>
<td></td>
<td>12</td>
<td>3.6</td>
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<tr>
<td></td>
<td>2 Hours</td>
<td>2-4</td>
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ORDERING INFORMATION

SAMPLE NUMBER: CC-2

CC-2

Options (add as suffix)
- V-Voltmeter
- SQ-Square Head (5.4W Standard)
- Alternate Lamps: Consult Factory
- Other Options: Consult Factory

Accessories (order separately)
- 1-BR-WH-Mounting Brackets (2-White Finish)
- WG-1-Wire Guard
- VS-Choose polycarbonate vandal shield desired from accessories sheet

ENERGY DATA

Input Current (Max.): 120V=.12A
277V=.05A

*** 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, 9 feet ceiling with a 6 feet wide walkway and 3 feet path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.0 feet with a lamp head angle of 45 degrees. Cooper Lighting 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.
Lamps
Designed specifically for emergency lighting applications, the PAR 36 sealed beam type design insures optimum glare-free trapezoidal light distribution along with horizontal and vertical adjustment by rotating the lens within the housing.

Housing
The subtly detailed Model CC-2 housing is constructed of flame and impact resistant UL 94-5V rated polycarbonate in a color stable designer white finish. All electrical components are securely attached in the housing and prewired for fast AC connection. The housing is tethered to the mounting plate freeing both hands to make electrical connections. Once complete, the housing simply snaps on to the hinged mounting plate with two integral securely locking tabs making the Model CC-2 suitable for wall or ceiling mount applications. The mounting plate contains hidden tearouts for surface conduit attachment.

Line-Latched
Sure-Lites’ line-latched electronic circuitry makes installation easy and economical. A labor efficient AC-activated load switch prevents the lamps from turning on during installation to a non-energized AC circuit. Line-latching eliminates the need for a contractor’s return to a job site to connect the batteries when the building’s main power is permanently turned on.

Solid-State Charger
Supplied with a 120/277 VAC, voltage regulated solid-state charger. Immediately upon restoration of AC current after a power failure, the charger provides a high charge rate. The charge circuit reacts to the condition of the battery and alters the rate of charge 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.

Overload and Short Circuit Protection
The solid-state overload monitoring device in the DC circuit disconnects the lamp load from the battery should excessive wattage demands be made and automatically resets when the overload or short circuit is removed. This overload current protective feature eliminates the need for fuses or circuit breakers for the DC load.

Brownout Circuit
The brownout circuit in Sure-Lites’ units monitors the flow of AC current to the unit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most ballasted fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

Solid-State Transfer
The unit incorporates a solid-state switching transistor which eliminates corroded and pitted contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC voltage and automatically energizes the lamps. Upon restoration of the AC power, the emergency lamps will switch off and the charger will automatically recharge the battery.

Low Voltage Disconnect
When the battery’s terminal voltage falls below 80% of the rated voltage, the low voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

Sealed Lead Calcium Battery
The fully sealed, long life, maintenance free lead calcium battery is ideal for emergency lighting applications. These recombinant cycle batteries typically provide eight to ten years of life and may be operated in any position.

Test Switch/Power Indicator Light
Conveniently located combination Test Switch/Power Indicator Light allows for manual verification of proper operation of the transfer circuit and emergency lamps.

NOTES: See option/accessories or technical sections for additional detailed product data. Specifications and Dimensions subject to change without notice.