

CHLORIDE

by  Signify

Exit/Emergency

CSEC series

LED steel combo
Chicago Approved



The **CSE series** is a City of Chicago approved exit unit combo. Featuring rotatable lamp heads, the CSE is an attractive combo that can be wall or ceiling mounted in various locations.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

Example: CSEC1RWW (Housing) PCSEDA (Panel/Face Plate)

Family	# of Faces	Glass Panel	Housing Color
CSEC Chicago Steel Exit Combo housing	1 Single face, no arrow	RW Red letters, white background	W White

Glass Panels

Family	Directional Indicator
PCSE CSE glass panels	<p>Single face EXIT panels</p> <p>DA Exit right/left arrow LA Exit left arrow NA Exit no arrow RA Exit right arrow</p> <p>Single face STAIR panels</p> <p>SDA Stair right/left arrow SLA Stair left arrow SNA Stair no arrow SRA Stair right arrow</p>

The standard housing configuration is provided as CSEC1RWW. This includes a single-face exit panel with no arrows.

Other configurations requiring arrows or double face exits created by simply ordering extra glass panels for the desired configuration.

Example: PCSEDA - Exit Right/Left Arrow

Footnotes

EXIT Panels available with 6" letters only.



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Specifications

Codes and standards

- UL Listed to Standard 924.
- NFPA 101 (Life Safety Code).
- NFPA 70 (National Electric Code).
- City of Chicago codes.
- Suitable for damp locations.

Lamps

- High brightness white LEDs.
- Provides 800 lumens.
- Fully adjustable LED lamp heads can provide forward or backward emergency illumination.

Power consumption

- All models: 120/277V maximum wattage is 6.5W.

Construction

- Housing constructed of 20-gauge steel.
- High temperature scratch-resistant red and white silkscreened Impact resistant glass lens.
- Universal mounting: (top, end, and wall)
- Back plate keyhole slots are easily removable knockouts for securing to 4" jbox for easy mounting.

Battery

- Maintenance-free sealed 6.4V LiFePO4.
- Manual test switch and LED light indicator
- Supplies emergency illumination for a minimum of 90 minutes.
- Operating temperature range: 5°C (41°F) to 45°C (113°F).

LED

- Exit face illumination is provided by an ultra-bright, energy efficient, long lasting white LEDs that provide uniform illumination.
- Uniform 6" letter illumination (3/4" stroke).

Electronics

- Universal voltage 120-277VAC, 50/60Hz.
- Surge protected, solid state circuitry.
- Emergency feature a fully automatic charger designed to recharge the battery within 24 hours.
- Charging systems are complete with low voltage disconnect (prevents deep discharge of battery), battery lockout (prevents discharge of battery during installation), and brownout protection.

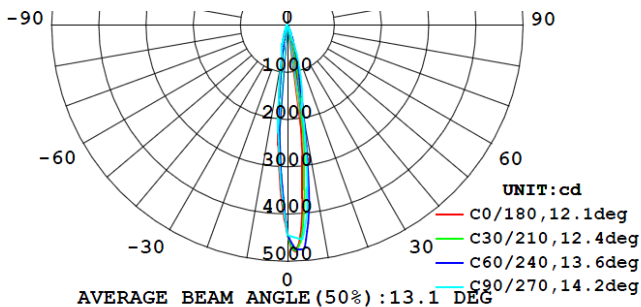
Remote capability

- Provides enough remote capability to supply 6V DC power up to 3W.
 - 1.5W - CSUL1RW LED remote lamp head.
 - 3W - CSUL2RW LED remote lamp heads.

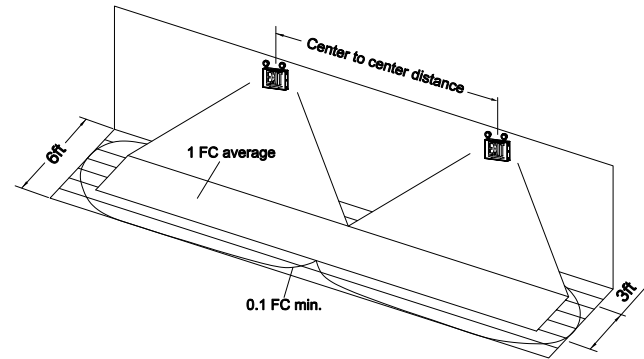
Warranty

- Five year limited warranty on electronics, LEDs, and battery.

Photometry



Center to center spacing



No.	Model	Spacing distance Wall mount 7.5ft height 3ft path egress	Spacing distance Wall mount 7.5ft height 6ft path egress	Spacing distance Wall mount 10ft height 3ft path egress	Spacing distance Wall mount 10ft height 6ft path egress
1	CSES	75 ft	75 ft	70 ft	68 ft

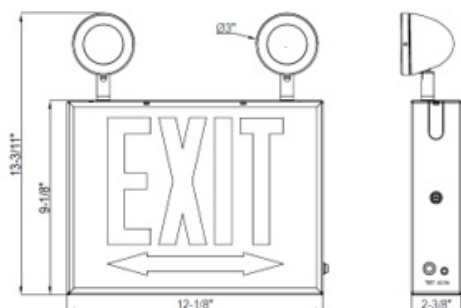
Spacing information

NFPA 101 requires 1.0 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 reflectance is 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet.

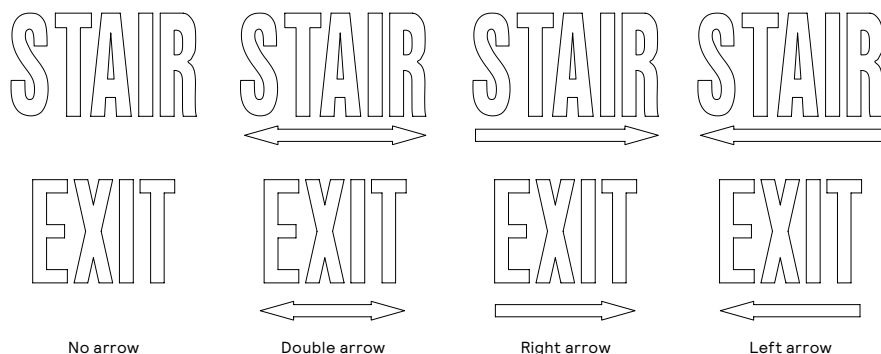
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Dimensions

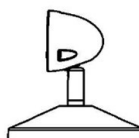
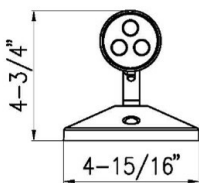


Directional Indicators

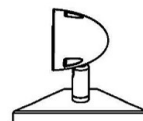
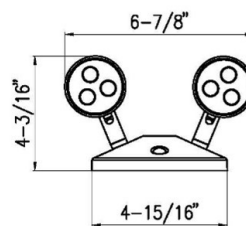


Indoor LED remote lamp heads

- CSUL1RW single LED remote lamp head contains a 6VDC 1.5W LED light source
- CSUL2RW dual LED remote lamp heads, each contain a 6VDC 3W LED light source



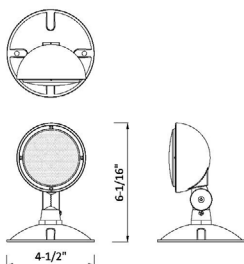
CSUL1RW



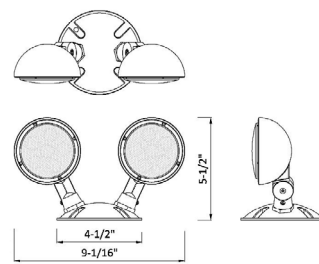
CSUL2RW

Outdoor LED remote lamp heads

- VLL1RGO single outdoor LED remote lamp head contains a 1W LED light source
- VLL2RGO dual outdoor LED remote lamp heads, each contain a 2W LED light source



VLL1RGO



VLL2RGO

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

