CVT Series

Combination LED Exit Sign/ Emergency Lighting Unit

CLEARVIEW® COLLECTION

The CVT thermoplastic combination unit is designed to perform the functions of both an emergency lighting unit and exit sign. CVT models provide style, functionality and ease of installation. The sign offers bright and even LED illumination at the exit location and the emergency unit illuminates the path of egress for 90 minutes as required by the NFPA code.

Features

- Factory assembled emergency unit/LED exit sign
- UV-stable thermoplastic housing
- High-output lighting heads
- White or black finishes available
- Damp location listed models available
- 120/277VAC, 60 Hz operation
- Solid-state charger with low-voltage disconnect
- Maintenance-free battery
- Test switch and LED AC-On light
- Long-life LED lamps
- Bright, even illumination
- Universal single/double face
- Red and green letter models
- Snap-in, chevron arrows
- Ceiling or wall mounting
- Temperature range: 20°C to 30°C (68°F to 86°F)
  Damp location models: 10°C to 40°C (50°F to 104°F)
- UL 924 Listed
- Available with Spectron® self-diagnostics/self-testing electronics option

Ordering Guide

CVT3 R W 5 D -24K

Series

Letter Color
- **R** - Red
- **G** - Green

Housing Finish
- **W** - White
- **B** - Black

Remote Heads
- **Blank** - No remote capability
- **3** - Operates 1 additional 5.4W remote head
- **5** - Operates up to 3 additional 5.4W remote heads

Application
- **Blank** - Standard model
- **D** - Damp location model*

* Only available on 3-head or 5-head models

Options
- **I** - Spectron® self-diagnostic/ self-testing electronics
- **-FAP** - Fire alarm panel interface (1)(2)
- **-FM** - Flasher module (2)
- **-AF** - Audible flasher module (2)
- **-24K** - 220/240VAC, 50/60 Hz operation

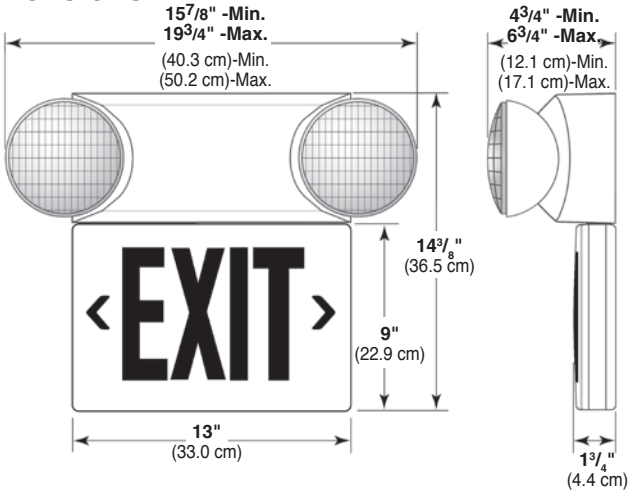
(1) Operates with 24-volt AC or DC fire alarm panels.
(2) -FAP, -FM, and -AF options may not be specified together·

Accessories

SRHSW	Matching remote head - single (white) (a)(b)
SRHDW	Matching remote head - twin (white) (a)(b)
OMSSB	Single outdoor lighting head (black) (a)(b)
OMSDB	Twin outdoor lighting head (black) (a)(b)
PMLZTB	Pendant mounting kit (black) (c)
PMLZTW	Pendant mounting kit (white) (c)
WGTW	Wire guard (Wall mount)
WGTCE	Wire guard (Ceiling mount)

(a) Supplied with mounting plate. Specify voltage and wattage when ordering. Example: **SRHDW**0607.
(b) Replace "W" with "B" for black finish. Example: **OMSDB**0607.
(c) Not available for use with 5-head models.

Dimensions



HUBBELL®

Hubbell Lighting, Inc.

CVT Series

Combination LED Exit Sign/Emergency Lighting Unit

Construction

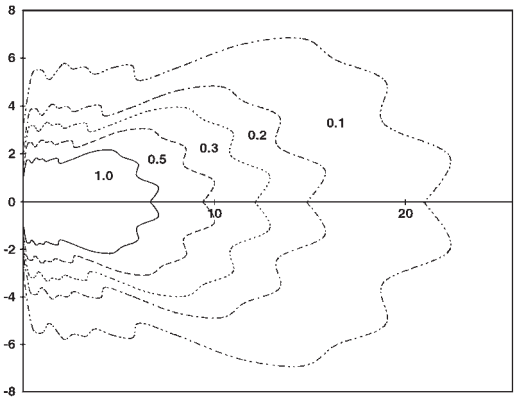
Unit: Housing and back plate constructed of flame-rated, UV stable, ABS thermoplastic
Lamp Housings: Constructed of flame-rated, UV stable, thermoplastic
Exit: Housing and exit faces constructed of flame-rated, UV stable, ABS thermoplastic
Finish: Textured bright white or black

Illumination

Unit Lamp Type: Incandescent
Unit Lamp Voltage: 6 volts
Unit Lamp Wattage: 5.4 watts
Rated Unit lamp life: 100 hours
Exit Rated Lamp Life: In excess of 20 years

Photometrics

High Output 6Volt, 5.4Watt Incandescent Lamp



Installation

Unit Wall Mounting: Unit mounts to 3 1/2", 4" octagon, or 4" square outlet boxes and standard plaster rings. Back plate provides a universal knockout pattern for mounting to outlet box. Keyholes provided for securing unit housing to wall surface.
Ceiling Mounting: Tandem models may also be ceiling mounted using bracket provided.
Wiring: Pre-stripped AC input leads provided. AC connections made inside housing.

Operating Temperature Range

Standard Models: 20°C to 30°C (68°F to 86°F);
Damp Location Models: 10°C to 40°C (50°F to 104°F).

Electronics

Input: 120/277VAC, 60 Hz (standard)
Built-in Protection: Transformer isolation and low battery voltage disconnect
Charger: Solid-state, constant voltage, current limited type
Transfer: Solid-state design (Relay transfer on Remote Capacity models)
Battery Recharge Cycle: Per UL time standards
Test Means: Integral test switch
Indicators: LED AC-On indicator

Battery

Type: Maintenance-free lead-acid

Warranty

	Unit and Electronics	Battery	
		Full	Pro-Rata
Standard Models	3 years	2 years	8 years
Spectron Models	5 years	3 years	7 years

Suggested Specification

Unit housing construction will be flame-rated, UV stable, ABS thermoplastic in textured (white) (black) finish. Lamp housings shall be constructed of flame-rated, UV stable, thermoplastic in matching finish. Unit design will allow universal 120/277VAC, 60 Hz operation standard. Emergency illumination will be provided by two integral [and (one)(two)(three) remote 5.4-watt] lighting heads. A universal knockout pattern shall be provided in the unit back plate for mounting to 4" square or 3 1/2" and 4" octagon outlet boxes as well as standard plaster rings. Emergency components will include a solid-state, constant voltage, current limited type battery charger, a maintenance-free, lead-acid battery; an AC-On LED indicator light; and a test switch. The unit charger will be capable of recharging the battery within acceptable UL time standards. Emergency operation must be provided for a minimum of 90 minutes.

Exit sign construction will be flame-rated, UV stable, ABS thermoplastic in textured (white) (black) finish to match unit. All parts necessary for universal single and double face applications shall be included as standard. Exit face will provide 6" high letters with 3/4" stroke and snap-out, chevron type directional arrows. Normal AC illumination will be provided by (red) (green) high-output LEDs. Normal expected LED lamp life will be 20 years. Ceiling mounting bracket will be provided with all models and will be of identical color to match the exit frame.

Combination models must comply with all UL 924 (UL Damp Location) and NFPA 101 Life Safety Code requirements.
Optional equipment will include:_____
Dimensions to be 14 3/8" (365 mm) High x 19 3/4" (502 mm) Wide (max.) x 6 3/4" (171 mm) Deep (max.).

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