

Commercial Emergency

CLB Series
Die Formed Steel
"Recessed Lay-In" Unit
(14W-50W)



Specifier's Reference

Project
Type
Model No.
Comments

codes and standards

- UL listed to Standard 924
- NFPA 70 (National Electric Code)
- NFPA 101 (Life Safety Code)
- IBC, BOCA, and OSHA illumination standard
- Chicago Approved City Plan No. 1879E

construction

- Faceplate constructed of 18 gauge steel with a white epoxy powder coat finish, backbox 20 gauge steel.
- Up to four lamp heads can be mounted on the unit faceplate.
- Lamp head choices include round or rectangular white thermoplastic to match housing.

installation

- Designed for easy, drop in installation into suspended ceilings.
- Additional wire supports may be required by local codes and are supplied by others.

electronics

- 120/277VAC dual voltage input with surge-protected, solid state charging circuitry provides for a reliable charging system.
- Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.
- Power consumption
- 120 VAC - 0.150 A, 18 W max.
- 277 VAC - 0.065 A, 18 W max.
- Standard location: 65°F (19°C) to 85°F (30°C).

lamps

- Illumination is provided by up to four adjustable lamp heads.
- Choose from round or rectangular thermoplastic heads with Par 36 sealed beam tungsten or halogen, or wedge base tungsten or halogen lamps.
- Lamp heads are factory installed.
- The suggested head is Chloride's "W" series wedge base tungsten round lamp head.

battery

- Maintenance free sealed lead calcium with 5 year life or sealed nickel cadmium battery with 10 year life.
- Provides a minimum of 90 minutes emergency illumination.

warranty

- Five full year warranty on electronics and unit (excluding lamps).

Green Product Choice: CLB6L25WTA2

<p>Series/Battery</p> <p>Lead Calcium CLB6L25 – 6V, 25 W CLB6L50 – 6V, 50 W CLB12L50 – 12V, 50 W</p> <p>Nickel Cadmium CLB6N14 – 6V, 14 W CLB6N28 – 6V, 25 W CLB12N25 – 12V, 25 W CLB12N50 – 12V, 50 W</p>	<p>Lamp Head</p> <p>Tungsten WTA – 6V, 5.4 W WTD – 6V, 7.2 W WTB – 6V, 9 W WTC – 12V, 9 W WTE – 12V, 12.5 W WTF – 12V, 17.9 W</p> <p>Halogen WTS – 6V, 8 W WTN – 6V, 10 W WTT – 6V, 12 W WTV – 12V, 12 W</p> <p>(Suggested lamp heads are listed above. For other heads, refer to the Accessories Section)</p>	<p># of Heads</p> <p>4 – Four 3 – Three 2 – Two 1 – One 0 – No Heads</p>	<p>Options¹</p> <p>A – Ammeter² ACF1 – 120 VAC Fuse ACF2 – 277 VAC Fuse TD1 – 120 VAC Time Delay³ TD2 – 277 VAC Time Delay³ V – Voltmeter²</p>
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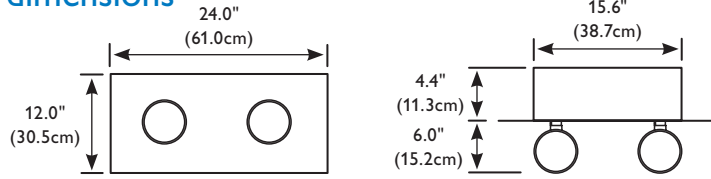
Footnotes

- ¹ Some option combinations may impact UL listing. Consult factory for specifics.
- ² Not available with AD, ADAL, or ADTD options.
- ³ 15 minute delay.

options

- A – The ammeter option includes an analog meter electrically connected to the charging circuit for visual reference and indication of the current level being delivered to the battery.
- ACF1 – The AC fuse option includes an in-line fuse on the primary winding of the input transformer for additional electronic protection against utility surges or spikes limited to 120VAC circuits.
- ACF2 – The AC fuse option includes an in-line fuse on the primary winding of the input transformer for additional electronic protection against utility surges or spikes limited to 277VAC circuits.
- TD – The time delay circuit causes the emergency lighting equipment to remain under battery power for a period of 15 minutes after the utility power has been restored.
- V – The voltmeter option includes an analog meter electrically connected between the battery and lamp load for visual reference and indication of the battery terminal voltage when the equipment is operating in the emergency mode.

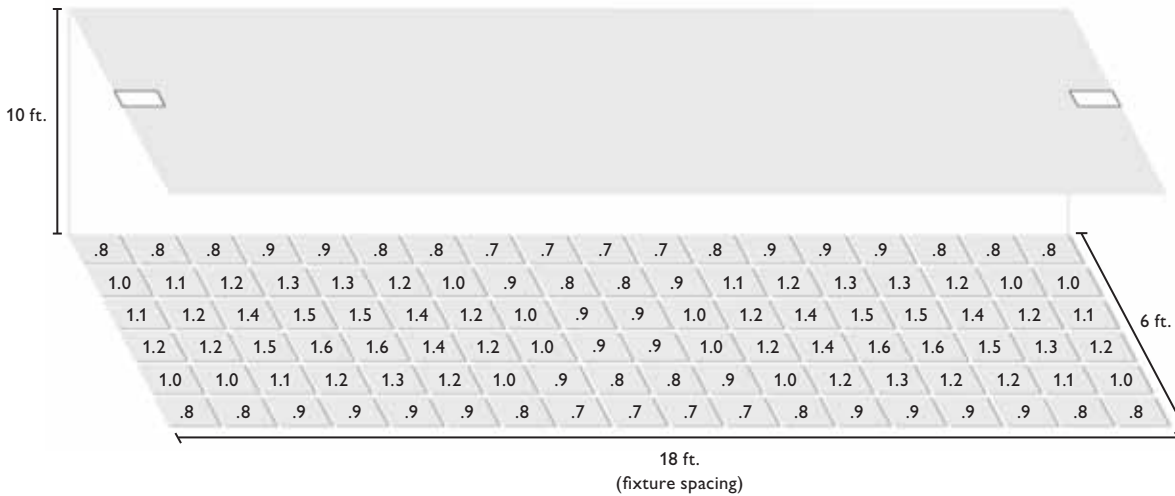
dimensions



performance

Meets Life Safety Code illumination standard; average of 1.0 FC, no point less than 0.1 FC, max to min ratio of 40:1. Assumes open space with no obstructions, mounting height: 10' and reflectances: 80/50/20. Analysis based on independently tested photometrics.

Wall mounted 10' AFF, 'WTT' 6 V 12 W Halogen Lamps Represented
1 FC Average



Test No.:WTT

Average initial footcandles at floor = 1.05
 Maximum initial footcandles at floor = 1.6
 Minimum initial footcandles at floor = 0.7
 Maximum to minimum ratio = 2.29



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