

FEATURES & SPECIFICATIONS

INTENDED USE — Provides a minimum of 90-minutes of illumination for the rated wattage upon the loss of AC power. Ideal for applications that require ensconced emergency lighting in wall or ceiling.

CONSTRUCTION — Trim and door panels finished in durable white textured powder coated paint. Can be wall papered or field painted.

Trim and panel doors lay flush with mounting surface. No exposed hardware.

Low profile recessed test switch and status indicator configuration minimizes exposed interfaces.

Rugged, 20 GA galvanized steel box with three 3/4" knock-outs.

Galvanized bar hangers span up to 30" on center.

Vertically adjustable bar hangers allows for flush mounting of trims to ceiling face, accommodates ceiling or walls up to 5/8" thick.

OPTICS — VEL: Two MR16 halogen 12W to 75W lamps.

180° side-to-side. 90° down-and-out, relative to mounting height.

Lamps are ensconced until activated in the emergency mode.

Models with additional wattage capacity are provided with fused remote output leads.

ELECTRICAL — Dual-voltage input capability (120/277V).

Precision-controlled motor ensures reliable extraction and retraction of light sources.

Single, multi-chromatic LED indicator to display two-state charging, test activation and four-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.

Self-diagnostics is provided as a standard feature. The diagnostic feature tests the unit once every 28 days by opening the doors for 1 second and then closing them, without turning the lamps on. Following this, a load test will be performed for 29 minutes checking for lamp, battery or transfer default. The charger function is monitored continuously.

Diagnostic evaluation of lamp, AC to DC transfer, charging and battery condition. Continuously monitors AC functionality.

IR receiver is provided as a standard feature. Requires the ELA RTVEL hand-held remote transmitter for remote testing (see accessories) for operation. Selectable 30-second or 90-minute manual testing.

Battery: Sealed, maintenance-free lead-calcium battery with capacity of 24W to 150W for a minimum of 90-minutes of emergency operation. Optional nickel-cadmium battery.

Extended run times available. (See chart, page 2)

Automatically recharges after a 90-minute discharge.

Low voltage disconnect prevents excessively deep discharge that can permanently damage the battery.

Voltage polarity protected connector for reverse polarity protection.

INSTALLATION — Wall or ceiling mount. Exposed or concealed suspension ceiling systems.

T-bar clips secure unit to grid in ceiling-mount applications.

Catalog Number
Notes
Type

VELARÉ®

Concealed Emergency Lighting Unit

VEL

12-Volt Self-diagnostic, Sealed Lead-Calcium or Ni-Cad battery



Rough-in dimensions: 13-1/2" x 6-3/4". Allow 5-1/2" for door panel opening clearance.

Back box dimensions: 5-1/2"W x 15-3/8" L x 4" D.

LISTINGS — UL Listed. Non-IC recessed mounting. Meets UL 924, NFPA 101, NFPA 70-NEC and OSHA illumination standards. Available with CP option for City of Chicago Environmental Air (CCEA) requirements.

WARRANTY — 3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: VEL1270 H3512

Family ¹	Lamp type ⁴	Options
VEL1224 12V, 24W	H1212 12W/12V halogen MR16	N Maintenance free ni-cad battery
VEL1240 12V, 40W	H2012 20W/12V halogen MR16	TD Time delay
VEL1270 12V, 70W ²	H3512 35W/12V halogen MR16	LRIS Less rough-in section ⁵
VEL12100 12V, 100W ³	H5012 50W/12V halogen MR16	CP Chicago plenum CCEA rated ⁶
VEL12150 12V, 150W ³	H7512 75W/12V halogen MR16	

Notes

- For extended run-time information, see chart on reverse side.
- Not available with H1212 lamps.
- Not available with H1212 or H2012 lamps.
- Two lamps provided. Total lamp load cannot exceed the fixture capacity rating.
- VEL rough-in section ships standard with fixture unless LRIS suffix is specified. The rough-in section ships in a separate carton. Requires ELA VEL RIS accessory for installation.
- Must designate CP option for CCEA rating.
- Minimum one per job required for remote testing.

Accessories: Order as separate catalog number.

ELA RTVEL	Remote infra-red hand-held transmitter with selectable 30-second or 90-minute testing ⁷
ELA VEL RIS	VEL rough-in section (supplied standard with fixture unless LRIS suffix is specified) ships with mounting hardware only. Order ELA VEL RIS if needed for rough-in phase of construction ⁶

