



Job Name: _____

Type: _____

Voltage: _____

CODES AND STANDARDS

UL Listed to Standard 924
NFPA 101 (Life Safety Code), IBC, NEC, and
OSHA illumination standard.
UL damp location listing available.

VOLTAGE

120/277 selectable input

SELF-DIAGNOSTIC

The electronics diagnostic/charging platform with self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional SRT remote tester.

HOUSING

Available in matte black housing with brushed aluminum face; white housing with a brush aluminum face or all black, white or aluminum housing and face. Black and white finishes are epoxy-based powder coat paint.

MOUNTING

Back wall mount units require no canopy on standard or emergency exits because battery and electronics are inside housing. A universal, shallow canopy is provided with each exit for ceiling and end mounting.

ILLUMINATION

Illumination of the exit stencil face is accomplished with long lasting, high output Light Emitting Diodes (LEDs). Hot spots and striations are eliminated by the internal light chamber, which is specially designed around the high performance LED array. Average illumination levels are in excess of 25fl (79 cd/m²)

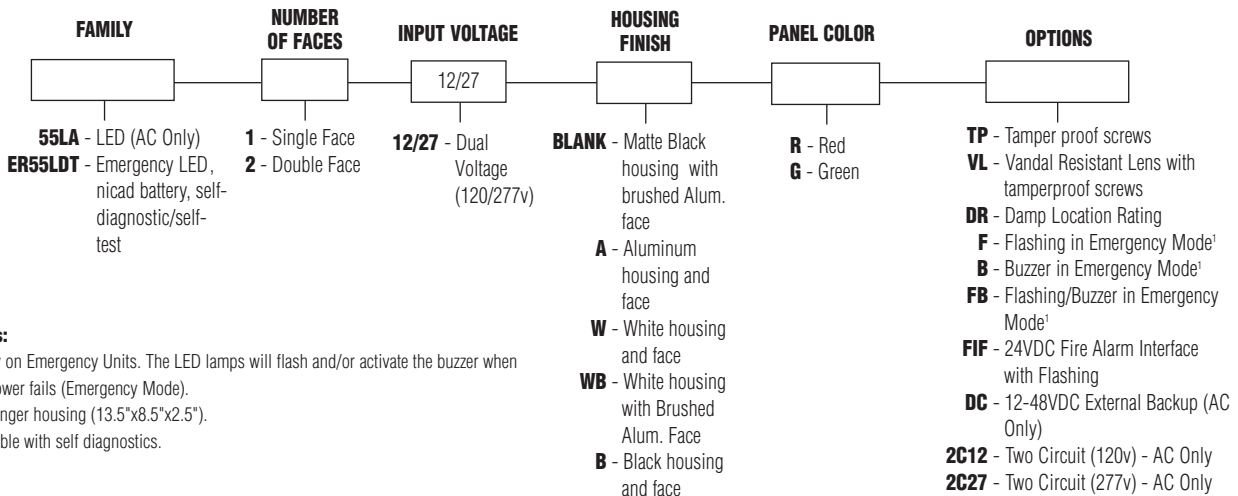
BATTERY

Maintenance free, sealed nickel cadmium battery provides 90 minutes of emergency illumination.

ELECTRONICS

AC Only – 120/277 VAC dual voltage input with surge protection is standard on all models. -40°F (-40°C) to 113°F (45°C).
Emergency Operation – Charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation. 120/277 VAC input, surge protection, brownout, AC lockout and low voltage disconnect features are standard. 32°F (0°C) to 104°C (40°C).

CATALOG NUMBER (Example: 55LA 1 12/27 R)



Footnotes:

- ¹ Used only on Emergency Units. The LED lamps will flash and/or activate the buzzer when normal power fails (Emergency Mode).
- ² Utilizes longer housing (13.5"x8.5"x2.5").
- ³ Not available with self diagnostics.

ACCESSORIES (ORDERED SEPARATELY)

PVS1	Vandal Resistant Shield
WG4	Wire Guard (Wall mount only)
WG10	Wire Guard (End mount only)
55LPKIT12W	12" White Stem Pendant Kit
55LPKIT12B	12" Black Stem Pendant Kit
T15TPTOOL	Tamper Proof Driver
SRT	Self-Test Infra-Red Remote Tester

55 LINE LED Die Cast Aluminum Exit/Traditional

SPECIFICATIONS

HOUSING

Die cast aluminum housing with 1/8" minimum wall thickness.
NFPA compliant field selectable chevrons.

STENCIL FACE

Cast aluminum with perfectly stenciled 6" EXIT letters backed with durable green or red panel.

WATTAGE

AC Only Operation - Input Power Requirements

- Red – 3.8 watts (120 VAC), PF = 0.96
- 3.8 watts (277 VAC), PF = 0.91
- Green – 4.0 watts (120 VAC), PF = 0.95
- 4.0 watts (277 VAC), PF = 0.90

Self-Powered - Input Power Requirements

Input Power Requirements

- Red – 4.7 watts (120 VAC), PF = 0.95
- 4.8 watts (277 VAC), PF = 0.97
- Green – 4.7 watts (120 VAC), PF = 0.95
- 4.7 watts (277 VAC), PF = 0.99

VOLTAGE

Dual voltage (120/277v).

OPERATING TEMPERATURE RANGE

AC-only models: -40°F (-40°C) to 113°F (45°C)
Self-Powered models: 32°F (0°C) to 104°F (40°C)

BATTERY

Maintenance free, sealed nicad battery with an expected service life of 10 years. Provides 90 minutes of emergency illumination.
Operating temperature range: 32°F (0°C) to 104°F (40°C).

DIRECTIONAL INDICATORS

Concealed chevrons are field selectable.

SELF-DIAGNOSTICS

The microprocessor has command of all critical circuit functions and operations including battery charging, emergency transfer, brownout detection, AC lockout/line latch, internal and remote load detection, temperature compensation as well as providing the outputs to signal trouble/faults.

Fault detection is always provided in a visual format with the option to have audible alarms as well. When audible diagnostics are used, the visual fault indicator (LED) and audible tone will be synchronized for clear fault identification. All faults are self healing. That is, when the µp detects a corrected fault situation, the visual and audible fault modes are cleared and the luminaire returns to the normal operating mode. A silence alarm feature is also provided to provide adequate time to clear the fault without having the audible

alarm active while performing maintenance. In this case, the visual indicator remains active. Should the fault not be restored after a period of one week, the audible tone returns to bring attention to repair personnel.

During prolonged periods without power (either during a power loss or shutdown due to vacancy), any alarm conditions and lamp load data are stored in the non-volatile memory. Upon restoration of power a quick self-test, as part of the system initialization, will occur and the results will be compared to the stored data.

CIRCUITRY

Trickle charge circuitry (extends battery life). Over charge protection. Low voltage disconnect (eliminates deep discharge). AC lockout. Brownout protection. 90 minute run time. 24 recharge time. Contains an indicator light and test switch.

WARRANTY

Five year warranty from date of purchase.

DIMENSIONS

