

Job: _____
 Model: _____
 Type: _____
 Date: _____



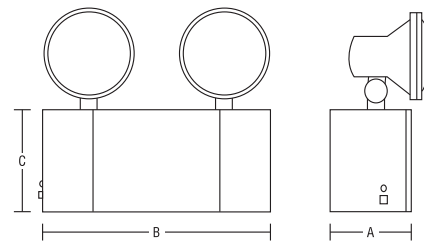
internal

The **ESL** is configured with 120/277V input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

external

The **ESL** is constructed with a 20 gauge steel cabinet in a white powder coat finish (other colors optional). Terminal connectors allow for larger gauge wires to be connected for remote loads. White powder coat finish is standard (other colors optional). Multiple lamp head styles available with LED and incandescent lamp options. Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit.

dimensions (in,mm.)



A	B	C
3 1/2"	11 1/8"	6 1/8"
90mm	283mm	156mm

ordering information

EXAMPLE: ESL 1236 2LR TM 9W AT

Series	Operation (V)	Pb-A (Capacity)	Emergency Heads	Mounting	Lamps	Options
ESL	6 (V)	18 (6V, 12V)	0 (no heads)	TM (top mount, std)	See lamp	AT (autotest)
	12 (V)	36 (6V, 12V)	1BTMR (single MR16)	FM (front mount)	selection on	BLK (black)
			2BTMR (double MR16)	SM (side mount)	next page	BZ (buzzer)
		Ni-Cd¹ (Capacity)	1LR (single PAR36)			CC (custom color- specify)
		22 (6V)	2LR (double PAR36)			IRT ² (infrared testing)
			1SR (single PAR18)			LC (line cord, 120V only)
			2SR (double PAR18)			NC ¹ (Ni-Cd battery)
						TC (teflon coated lenses)
						TD ³ (time delay- 0, 5, 10, 15)
						TP (tamper proof screws)

- NOTE 1:** For nickel-cadmium battery, select NC from options and capacity from Ni-Cd column
NOTE 2: HHC (handheld controller for IRT) should be ordered separately (item code: 476000021)
NOTE 3: Must specify input voltage and time delay at time of order (10 min standard)

■ emergency heads

The **ESL** is normally supplied with two top-mounted lamp heads with incandescent and LED options. The **ESL** can be configured with front, side or top-mounted heads. Please specify when ordering. LR and SR lamp head styles are constructed of high-impact thermoplastic in a color matching the finish of the cabinet (white is standard). The LR, SR and BTMR head types feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping. BTMR lamp heads are constructed of die-cast aluminum.

■ electrical

BATTERY: The **ESL** is designed with a maintenance-free, sealed valve regulated lead acid or Ni-Cd battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is 24 hours. The operating temperature is 10°C to 40°C.

CIRCUIT: The **ESL** utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

■ mechanical

The **ESL** is constructed with a 20 gauge steel cabinet. Terminal conductors allow for larger gauge wires to be connected for remote loads. White powder coat finish is standard (other colors optional). Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit. External test switch and monitor LED are standard. The hinged curved front panel conveniently opens and allows full access to the housing for easy installation and general maintenance. The **ESL** emergency heads feature a twist locking collar that securely holds the lens in place and facilitates quick and easy relamping.

■ autotest

The **Beghelli Autotest** system performs one 5 minute discharge test monthly. Every 6 months two 90 minute discharge tests are performed. This tests both full battery capacity and recharge capability, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The **Beghelli Autotest** system also includes 0, 5, 10 or 20 minute time Autotest delay function to allow a building's HID lighting to restrike. Optional IRT with one button press tests unit for 90 minutes

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

■ lamp selection

	6V	12V
Incandescent ¹	7.2, 9W	9, 12, 18W
Quartz Halogen (Q) ²	12W	12, 20W
MR16 LED ³	5, 7W	2, 5, 7W
Sealed Beam LED ⁴	N/A	6W

NOTE 1: Available in LR lamp heads (ex: 2LR9W) and SR lamp heads (ex: 2SR18W)

NOTE 2: Available in LR lamp heads (ex: 2LR12Q) and SR lamp heads (2SR20Q)

NOTE 3: Available in SR lamp heads (ex: 2SR7WLED) and BTMR lamp heads (ex: 2BTMR2WLED)

NOTE 4: Available in LR lamp heads (ex: 2LR6WLEDSB)

■ model rating guide

Model	Voltage	Wattage
		90min
ESL 618	6	18
ESL 622NC	6	22
ESL 636	6	36
ESL 1218	12	18
ESL 1236	12	36

■ warranty

The **ESL** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.