



Job/Location: _____

Contractor: _____

Prepared By: _____

Job Type: _____

Date: _____



internal

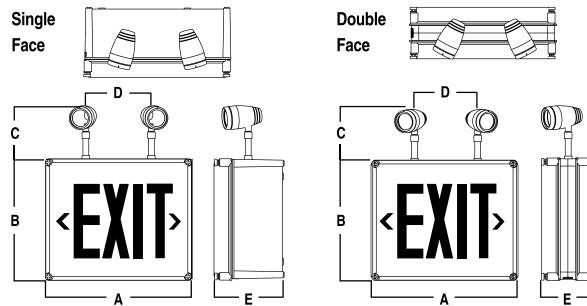
Standard 120/277V input. The **WLXE** is designed with an internal, maintenance free, valve regulated sealed lead-acid battery or optional Ni-Cad battery providing emergency lighting duration of 90 minutes. Fuse protection is standard.

external

The **WLXE** comes standard in gray. Wall, ceiling or end mounting configurations are available. Ceiling and end mount versions come complete with a factory installed weatherproof steel canopy. Single or double face versions must be specified. Removable chevron arrows are standard on each unit along with an external LED status indicator and test switch. Four polycarbonate pressure screws firmly hold the face to the housing. Top or side mounted PAR36 style emergency heads are fully adjustable. **WLX-E** is standard with PAR36 heads that are constructed of high-impact, black thermoplastic that has been sealed against moisture infiltration. Other options for heads are available.

ordering logic

dimensions



Model	A	B	C	D	E
SINGLE	14 1/4"	12"	5 1/4"	6 1/2"	6 3/4"
FACE	362 mm	305 mm	133 mm	165 mm	171 mm
DOUBLE	14 1/2"	12"	5 1/4"	6 1/4"	5"
FACE	368 mm	305 mm	133 mm	159 mm	127 mm

Example: WLXE 627 LR1W 2LR9W AT

Series	Operation	Pb-A Cap. ¹	Ni-Cd Cap. ²	LED	Face No.	Mounting	Heads	Lamps	Options
WLXE	6 (6V)	12 (6V)	22 (6V)	LG (green)	1 (single)	C (ceiling)	0 (no heads)	See lamps selection on next page.	AT (autotest)
	12 (12V)	18 (6V)	42 (6V, 12V)	LR (red)	2 (double)	E (end)	1LR ³ (single PAR36)		BPG6 ⁵ (wireguard)
	27 (6V, 12V)	54 (6V)				W (wall)	2LR ³ (double PAR36)		BZ (audible alarm - buzzer)
	36 (6V, 12V)	90 (6V, 12V)					1SEA ⁴ (one MR16 head)		IH ⁶ (internal heater)
	60 (6V, 12V)						2SEA ⁴ (two MR16 heads)		IRT ⁷ (infrared testing)
	72 (6V, 12V)						1TESSQ (One head, HO)		NC ⁸ (nickel-cadmium battery)
	120 (6V, 12V)						2TESSQ (Two heads, HO)		PK (pendant kit)
									SM (side mount heads)
									SW (special wording)
									TD ⁹ (time delay: 5, 10, 20 min)

NOTE 1: Certain capacities and/or options may require a larger housing.

NOTE 2: Nickel-cadmium. Must select NC from options when selecting Ni-Cd.

NOTE 3: Heads are supplied standard weatherproof.

NOTE 4: SEA heads are NEMA 4X rated.

NOTE 5: Wireguard for WLX-E wall mount with top mounted heads only.

NOTE 6: Must specify AC Voltage.

NOTE 7: Available only if ordered with no heads. HHC (controller for IRT) should be ordered separately (item code:476000021).

NOTE 8: Select wattage/voltage from Ni-Cd column.

NOTE 9: Must specify 5, 10, or 20 mins and AC Voltage.

electrical

BATTERY: The **WLXE** is designed with an internal, maintenance free, valve regulated sealed lead-acid battery providing emergency lighting duration of 90 minutes. Recharge time of the battery is forty-eight (48) hours. The battery operating temperature without the internal heater/thermostat option is 40°C maximum and 10°C minimum; with the internal heater (IH) option the minimum battery operating temperature is -20°C.

CIRCUIT: The **WLXE** 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 **WLXE** housing is constructed from durable, corrosion resistant fiberglass. The NEMA 4X housing is fully gasketed for damp and wet locations with a hot-bonded silicone gasket. Exit face(s) are made from a high clarity, clear polycarbonate that has been painted white on the internal side only, making the unit highly scratch resistant. Custom face colors and special wording / graphics are available, please specify.

extreme climate design

The **WLXE** has been designed to perform in applications where the climate would punish any standard sign. The entire internal cavity of the sign is protected from moisture ingress by an extremely resilient silicone gasket. The liquid gasketing is "hot-bonded" to the lens during the manufacturing process. This procedure eliminates any chance of the gasketing to become dry and pull away from the lens. The gasketing always holds its original form and has "memory retention" so that it effectively and consistently protects the **WLXE** from moisture. The **WLXE** can also be equipped with an optional thermostatically controlled heater for cold environments.

autotest

The **WLXE** Autotest feature automatically monitors the functional operation of the unit. Autotest monitors the operation of the lamps, battery and circuitry and displays any alerts. Periodic emergency tests, up to ninety (90) minutes duration are simulated to ensure proper operation during an actual power failure. Operating status is visually indicated by multi-function LED indication.

- Steady Green: Normal Operation
- Flashing Green: AC Interruption in Last 48 Hours
- Steady Yellow: Lamp Circuit Malfunction
- Flashing Yellow: Auto-test or Manual Test in Progress
- Steady Red: Battery Failed Testing
- Flashing Red: Battery Disconnected or Charger Malfunction

sanitation listed

The **WLXE** is sanitation approved. The Intertek verified splash zone listing is equivalent to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

lamp selection

	6V	12V	24V
Incandescent	7.2, 9W	9, 12, 18W	N/A
Halogen (H)	12W	12, 20W ¹	N/A
MR16	N/A	50W	N/A
MR16 LED	5, 7W	2, 5, 7W	5, 7W
TES	N/A	30W	30W

NOTE 1: 55W - PAR36 ONLY.

model rating guide: Pb-A (Capacity)

Model	Input Voltage	Wattage Rating 90 Minutes
WLXE 612	6	12
WLXE 618	6	18
WLXE 627	6	27
WLXE 636 ¹	6	36
WLXE 660	6	60
WLXE 672 ¹	6	72
WLXE 6120 ²	6	120
WLXE 1212	12	12
WLXE 1227	12	27
WLXE 1236 ¹	12	36
WLXE1265	12	65
WLXE 1272 ¹	12	72
WLXE 12120 ²	12	120

NOTE 1: Available in single or double face.

NOTE 2: Requires a larger cabinet size. Please contact factory.

model rating guide: Ni-Cd (Capacity)

Model	Input Voltage	Wattage Rating 90 Minutes
WLXE 622 ¹	6	22
WLXE 642 ¹	6	42
WLXE 654 ²	6	54
WLXE 690 ^{1&2}	6	90
WLXE 1245 ¹	12	45
WLXE 1290 ²	12	90
WLXE 12130	12	130

NOTE 1: Available in single or double face.

NOTE 2: Requires a larger cabinet size. Please contact factory.

warranty

The **WLXE** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty. Find complete warranty details online at beghelliusa.com.