

The HLC Series is a hazardous location exit combo constructed of fiberglass-reinforced polycarbonate in a gray finish. The sign is UL 844 and UL924 Listed and rated for use in: Class I, Division 2, Groups A, B, C & D. Enclosure is built as one piece with a UV stabilized polycarbonate lens, molded gasket and stainless steel hardware with optional tamper resistant hardware for extra protection and offers several levels of protection against the elements, including dust, dirt and water making this exit combo ideal for harsh environments.

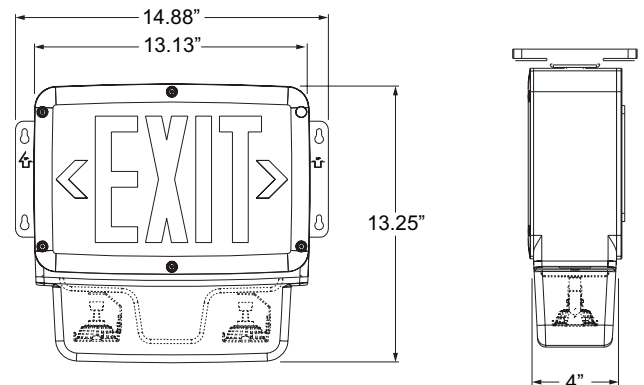
#### FEATURES & BENEFITS

- Rated for Class 1, Division 2, Groups A,B,C, & D
- Remote capacity from 4.8W up to 15W
- IP66 Rated for protection against the elements
- Easy snap-out chevron directional indicators
- California Energy Commission (CEC) compliant
- Cold Location option for applications with temperatures as low as -20°C (-4°F) (CL)
- Vandal resistant - Tamper Resistant Hardware Option (TRH)

#### SPECIFICATIONS

Illumination:	Long-life, high-intensity, red or green LEDs with 2 x 3.6W LED lamp heads offering optimized center-to-center spacing up to 47"
Construction:	Housing is fiberglass reinforced polycarbonate construction, Corrosion-resistant enclosure with one piece, high-impact resistant, UV stabilized polycarbonate lens and molded gasket with stainless steel screws
Input:	120/277VAC Dual primary, 60Hz
Battery:	6V/12V maintenance-free NiCad battery
Remote Capacity:	Single-face = 7.8W, Double-face = 4.8W, No Heads (NHR option) = 15W (single-face) or 12W (double-face)
Operating Temp:	0°C to 50°C (32°F to 122°F) or -20°C to 50°C (-4°F to 122°F) with CL option
Run Time:	UL Listed 90 minute emergency run time, 24 hour recharge time
Legend:	Fully-illuminated 6" characters with 3/4" stroke, field-selectable directional chevrons
Mounting:	Pre-installed conduit hub for conduit and pendant mount installation
Finishes:	Gray
Options:	CL - Cold Location G2 - Self-test/Self-diagnostics NHR - No Lamp Heads TRH - Tamper-Resistant Hardware
Certifications:	Meets UL924, UL844, NFPA101 Life Safety Code, NEC, OSHA, Local and State Codes, IP66 rated for Ingress protection, Rated for Class 1, Division 2, Groups A,B,C, & D, UL Listed for Wet Locations
Warranty:	Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information and product registration instructions. (Terms and Conditions apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



**ORDERING INFORMATION** Example: HLC-1-R-6-G2

Series	Style	Legend Color	Battery Voltage	Options
HLC	1 <sup>1</sup> = Single-face	G = Green	6 = 6 Volt	CL = Cold Location
	2 <sup>2</sup> = Double-face	R = Red	12 = 12 Volt	G2 = Self-test/Self-diagnostics
				NHR <sup>3</sup> = No Lamp Heads
<b>Notes</b>				TRH = Tamper-Resistant Hardware
<sup>1</sup> Single-face remote capacity = 7.8W				
<sup>2</sup> Double-face remote capacity = 4.8W				
<sup>3</sup> No Heads remote capacity = 15W (single-face), 12W (double-face)				

**ELECTRICAL RATINGS**

Model	NiCad Battery	Brownout	Low Voltage Disconnect	Overload Disconnect	Short Circuit Disconnect	Solid State Transfer	Input				Output		
							VAC	Hz	mA	W	Lamps	Lumens	Remote Capability
HLC-1-X-6-X	6V	Yes	Yes	No	Yes	Yes	120/277	60	200/70	16/19	2 x 3.6W	350lm	7.8W
HLC-1-X-6-X-NHR	6V	Yes	Yes	No	Yes	Yes	120/277	60	200/70	16/19	n/a	n/a	15W
HLC-1-X-12-X	12V	Yes	Yes	No	Yes	Yes	120/277	60	140/70	16/18	2 x 3.6W	350lm	7.8W
HLC-1-X-12-X-NHR	12V	Yes	Yes	No	Yes	Yes	120/277	60	140/70	16/18	n/a	n/a	15W
HLC-2-X-6-X	6V	Yes	Yes	No	Yes	Yes	120/277	60	200/70	16/19	2 x 3.6W	350lm	4.8W
HLC-2-X-6-X-NHR	6V	Yes	Yes	No	Yes	Yes	120/277	60	200/70	16/19	n/a	n/a	12W
HLC-2-X-12-X	12V	Yes	Yes	No	Yes	Yes	120/277	60	140/70	16/18	2 x 3.6W	350lm	4.8W
HLC-2-X-12-X-NHR	12V	Yes	Yes	No	Yes	Yes	120/277	60	140/70	16/18	n/a	n/a	12W

X Also applicable to CL and/or G2 options

**CONSTRUCTION**

Housing is fiberglass reinforced polycarbonate construction in gray finish. Corrosion-resistant enclosure with one piece, high-impact resistant, UV stabilized polycarbonate lens and molded gasket with stainless steel screws. Easy snap-out chevron directional indicators.

**ILLUMINATION**

Long-life, high-intensity, red or green LEDs with 2 x 3.6W LED lamp heads with 350 total lumens.

**ELECTRICAL****Input**

Dual-voltage input 120/277VAC @ 60Hz.

**Nickel Cadmium Battery – NiCad**

Exitronix nickel cadmium batteries are maintenance-free and continue to perform in a vast temperature range.

**Emergency**

The HLC Series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

**Test Button**

The test button is easy to locate and provides manual verification of the transfer circuit and emergency backup.

**INSTALLATION**

Simple snap together universal design allows for faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

**OPTIONS****Cold Location (Option: CL)**

The HLC Series offers a Cold Location option and extends the temperature range to -20°C to 50°C (-4°F to 122°F). This option utilizes an internal heater and battery blanket for extreme cold temperature applications and is ideal for colder climates or freezer/cold room applications.

**No Lamp Heads (Option: NHR)**

By removing the integral lamps, this remote option provides this unit with an additional 15 Watts (single-face) or 12W (double-face) of external power for use with remote lamps (consult factory for recommended lamps).

**Tamper-Resistant Hardware (Option: TRH)**









T15 Torx head w/center pin tamper-resistant hardware adds an additional layer of protection to the unit, preventing unwanted access to the interior of the unit or removal of the lens.

**Guardian G2 Self-test/Self-diagnostics (Option: G2)**

The Guardian G2 Self-test/Self-diagnostics is equipped with a bi-color circuit that is factory preset; without any field adjustments needed. It continuously monitors the performance condition of the AC power, battery supply, and charging circuitry.

The intent of this option is to provide visual signaling to identify fault at the Exit. Fault indicators are as follow:

1. Green: On/Ready  
Blinking: Testing
2. Red: Service Alert
3. Service Alert LED Code (Red/Green LED Lamp Indicator)

	Steady On (Green)	Battery is full
	One blink ON/pause (Green) (1 per sec)	Fixture is testing
	Flash (Red/Green) (Alternating)	Fast charge
	One blink ON/pause (4 per sec)	Recharge failure
	Two blinks ON/pause (Red) (2 per sec)	LED strip failure
	Three blinks ON/pause (Red) (3 per sec)	Lamp head failure
	Steady ON (Red)	Battery is disconnected
	Single Pulse (Red) (250ms ON 1000ms OFF)	Battery failure

**NOTE:** After solving the fault of the emergency equipment, please place the magnet on the "Magnetic Test" section for 6 seconds and then pull away to reset the system.

Self-testing/Self-diagnostics also has a manual test function, press test button as follows:

Place magnet on the "Magnetic Test" section and pull away	30 Second discharge test
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**CONFORMANCE TO CODES & STANDARDS**

The HLC Series is UL 924 Listed for Wet Locations and meets or exceeds the following: CEC (T20), NEC requirements and NFPA 101. Meets UL924, UL844, NFPA101 Life Safety Code, NEC, OSHA, Local and State Codes, IP66 rated for Ingress protection, Rated for Class 1, Division 2, Groups A,B,C, & D.

**ON-CENTER SPACING** (Multiple units mounted at a typical 7.5 foot height)

Model	# of LED Lamps	3' Path, 6' Corridor	6' Path, 6' Corridor
HLC	2	47'	40'

Barron assumes no responsibility for local requirements or specific project variables.  
This is a guideline to be used as a design aid, not as a guarantee of any code compliance.

