

Egress.
Emergency.
Essential.



CONCEALITE™
LIFE SAFETY PRODUCTS
A Division of Gow Industries, Inc.



CODE MANDATED EXTERIOR EMERGENCY LIGHTING:

Means of Egress Illumination Between the Termination of the Exit and a Public Way

Life Safety Code® – NFPA 101® Section 3.3.161 Means of Egress Section 3.3.204 Public Way

Hydro-Lite (HL) Series

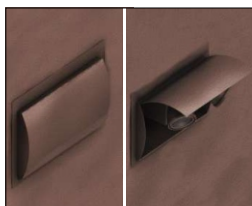


Offering the Highest Light Output in the Industry!

Wet location fixtures are typically obtrusive and interfere with architectural design. We understand that the exterior of a structure, in terms of aesthetics, is as important as the interior. Concealite has now applied their concealed lighting technology to their latest innovation in exterior wet location emergency fixtures...the Hydro-Lite Series. True to form and function, we offer the design community a beautiful and powerful "blend-in" solution for Code required wet location lighting. For more information, visit www.concealite.com

HL Series Wet-Location Lighting Design Product Selector

Up to 200 Watt Output



HL REM

Compact and powerful emergency egress lighting with a customizable metal exterior housing. High output quartz halogen lamps available in 50 or 100 watt.



REM (Remote Power Required)



Listed UL 924. Patent Pending.



HL I

Low-profile emergency egress lighting with a customizable metal exterior housing. High output 50 Watt quartz halogen lamps.



BATTERY (Self-Contained Battery System Included)



Listed UL 924. Patent Pending.



HL II

Low-profile emergency egress lighting with a customizable metal exterior housing. High output 100 watt quartz halogen lamps.



BATTERY (Self-Contained Battery System Included)



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HL REM

Compact & Powerful

Only 6" H x 12" W



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Hydro-Lite Series Listed UL 924

Aesthetics

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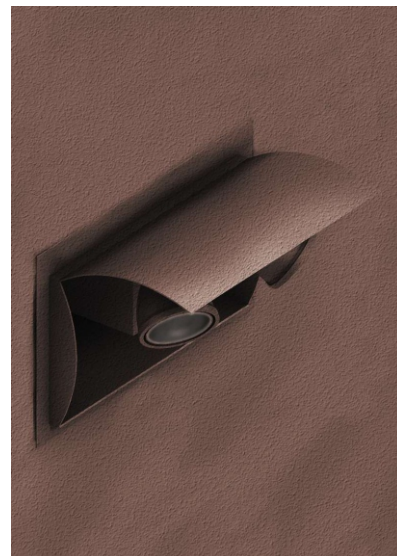
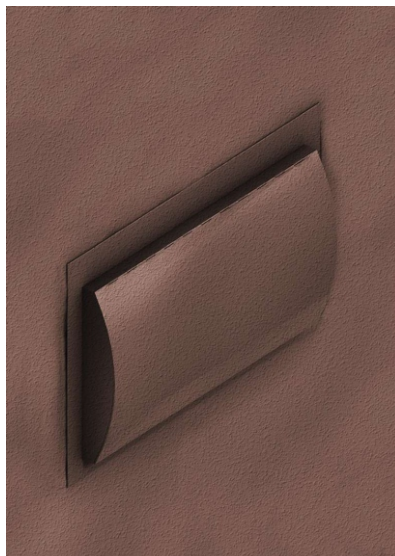
HL REM Architectural Features

Unit is available up to a 200 watt output.
Unique 100 watt high output quartz halogen lamps vs. typical 7.2 watt lamps.
High output quartz lamps are available in 50 or 100 watts.
Power door unit offers a decorative solution with a customizable metal housing that is vandal resistant.
Available to accept 12 VDC, 120 VAC or 277 VAC emergency power (please specify).
Sealed piston drive system for maximum reliability and long life.
Designed to blend into exterior finishes.
Standard factory applied gray powder coated finish. Field paintable.
Fully adjustable gasketed wet location aluminum fixture heads with locking swivel.

Listed UL 924.

HL REM

Decorative + the Power to Perform = Compliance without Compromise!



Listed UL 924

Hydro-Lite REM Series



REM (Remote Power Required)



Listed UL 924

Installation

Mount the unit utilizing the holes indicated and the mounting hardware supplied. Designed for installation on exterior surfaces including concrete, block, and brick. Units require a six wire circuit to Concealite's Emergency Power Stations. Refer to our separate HL REM instruction sheet for more information.

Illumination

The fully adjustable heads are UL 924 listed for wet location applications. Specially designed high-output halogen lamps are available in 50 or 100 watts. Concealite provides free point-by-point layout service for Code compliance.

Product Specifications

The emergency lighting unit shall be Concealite Series Hydro-Lite HL REM and will be installed in accordance to Article 700 of the National Electrical Code. The unit shall consist of a metal exterior housing and integral powered door with concealed lamps. The unit shall be supplied with two UL#924 listed heads. The heads shall be fully adjustable gasketed wet location rated with locking swivel. Upon the loss of utility power, the door on the front of the unit will open exposing the lamps which will then illuminate. The maximum power draw for a single emergency power station unit is 25 watts. When utility power is restored, the lamps will extinguish and the door will close.

Limited Warranty

All Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operations and proper use. Correction of all defects shall be by replacement or repair (at our discretion) and shall constitute fulfillment of all manufacturer's obligations.

Semi-Recessed Option

Wet Location. Wall Mount Only.



HL REM
Dimensions
6 1/2" H x 12" W x 6 1/2" D
(16.51 cm H x 30.48 cm W x 16.51 cm D)



SR
Semi-Recessed
Trim Mounting Kit



Semi-Recessed Trim
Dimensions 1"H x 1"W Frame
(2.54 cm x 2.54 cm)
Note: Unit requires finished opening of 7" H x 12.5" W (17.78 cm x 31.75 cm). Maximum Semi-Recessed Depth for Installation is 5".

Surface Mount

Wet Location. Wall Mount Only.



(6) #8 CU AWG to Concealite's
Emergency Power Station

Determine conductor size based
on maximum 2% voltage
drop for 12 VDC loads.

Concealite Emergency Power Station

Central Battery Unit
(12VDC output)

Ordering Information:

Step 1

HL REM Remote Emergency Lighting Fixture:

	HL	REM	100	SR	CB2
Series	HYDRO-LITE				
Model	REM				
High Output Lamps					
100	Two (2) 100 Halogen Lamps				
50	Two (2) 50 Halogen Lamps				
Mounting					
SR	Semi-Recessed trim Mounting Kit				
Blank	Surface Mounted				

Step 2

Select Central Battery Unit or Inverter Remote Power Unit:

Power Source Selection:

CB1-Central Battery Unit 100 Watts Total

CB2-Central Battery Unit 200 Watts Total

CB3-Central Battery Unit 300 Watts Total

INV120 - Inverter Source: 120 VAC Normal Power Input/120 VAC Emergency Power.

INV277 - Inverter Source: 277 VAC Normal Power Input/277 VAC Emergency Power.

Note: Inverter by Others

Option:

GEN - Powered By Emergency Generator By Others.
Requires Two Circuit Monitoring
Two - Emergency And Normal Power
(Non-Emergency Back Up / Normal Only Circuit)

H-120 - Battery Heater 120V (Central Battery Units Only)
(120 Primary Voltage)

H-277 - Battery Heater 277V (Central Battery Units Only)
(277 Primary Voltage)



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HL I & II Slim Profile Self-Contained Power



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Hydro-Lite Series   Listed UL 924

Aesthetics

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HL I and HL II Architectural Features

Unit is available up to a 200 watt output.
Unparalleled 100 watt high output quartz halogen lamps vs. typical 7.2 watt lamps.
Customizable metal housing that is both decorative, and vandal-resistant.
Designed to blend into exterior finishes.
Standard factory applied gray powder coated finish. Field paintable.

Sealed fiberglass laminate NEMA 4X interior containment enclosure system for complete wet location protection against dust, dirt, corrosive atmospheres and water spray (hose down).

Fully adjustable gasketed wet location aluminum fixture heads with locking swivel.
Maintenance-free sealed lead acid battery.
90 minutes of illumination standard.

Universal input 120/277 VAC.

Operating temperature 32 degrees F to 104 degrees F (0 degrees C to 40 degrees C).

Sub-zero heater available.

Fully automatic, temperature compensating, variable rate charger.

Low voltage disconnect.

Automatic brownout protection.

Self diagnostics is standard.

Listed UL 924.

Hydro-Lite HL I & HL II

Decorative + the Power to Perform = Compliance without Compromise!



Listed UL 924

Hydro-Lite HL I & HL II Series



BATTERY (Self-Contained Battery System Included)



Listed UL 924

Installation

Mount the unit utilizing the holes indicated and the mounting hardware supplied. Designed for installation on exterior surfaces including concrete, block, and brick. See instruction sheets for details.

Illumination

The fully adjustable heads are UL 924 listed for wet location applications. Specially designed high-output halogen lamps are available in 50 or 100 watts. Concealite provides free point-by-point layout service for Code compliance.

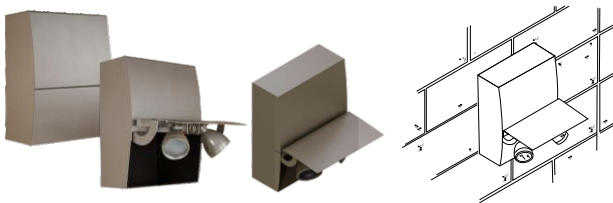
Product Specifications

The emergency lighting unit shall be Concealite Series Hydro-Lite HL and will be installed in accordance to Article 700 of the National Electrical Code. The unit shall consist of a metal exterior housing and unique sealed fiberglass NEMA 4X rated laminate interior containment system for complete wet location protection against dust, dirt, corrosive atmospheres and water spray (hose down). The unit shall be supplied with two UL 924 listed heads. The heads shall be fully adjustable gasketed wet location rated with locking swivel. The electronics shall include a fully automatic, temperature compensating variable rate charger. The unit shall include LVD and brownout circuits. The charger shall be rated at 120/277 VAC, 60 HZ. The unit shall have an integral test switch and pilot light. Upon the loss of utility power, the door on the front of the unit will open exposing the lamps which will then illuminate. When utility power is restored, the lamps will extinguish and the door will close. The maximum power draw will be no more than 25 watts. When utility power is restored the charger will bring the battery back to full charge within UL Standard #924 time requirements.

Limited Warranty

All Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operations and proper use. Correction of all defects shall be by replacement or repair (at our discretion) and shall constitute fulfillment of all manufacturer's obligations.

HL I & II Surface Mount Example



HL I

Dimensions
15 1/2" H x 12 1/4" W x 9 1/4" D (39.37 cm H x 31.11 cm W x 23.49 cm D)

HL II

Dimensions
19 1/2" H x 16 1/2" W x 9 1/4" D (49.53 cm H x 41.91 cm W x 23.49 cm D)

HL I & II Semi-Recessed Example



SR Included
Semi-Recessed
Trim Mounting Kit

HL I

Semi-Recessed Trim
Dimensions 1" Frame (2.54 cm),
1" Depth (2.54 cm)
Note: Unit requires finished
opening of 16" H x 12 3/4" W
(40.64 cm x 32.39 cm)

HL II

Semi-Recessed Trim
Dimensions 1" Frame (2.54 cm),
1" Depth (2.54 cm)
Note: Unit requires finished
opening of 20" H x 17" W
(50.80 cm x 43.18 cm)

Ordering Information

	HL	II	100	90	SD	SR	OPTIONS
Series	HYDRO-LITE						
Model Size	II 200 Watt Capacity I 100 Watt Capacity						
High Output Lamps	100 Two (2) 100 Watt Heads HL II 50 Two (2) 50 Watt Heads HL I						
Hours of Operation	90 1 1/2 Hours						
Standard	SD Self Diagnostic Charger SR Semi Recessed Trim						
Options	220V 220 V / 50 Hz Input Transformer H-120 Battery Heater 120 V H-277 Battery Heater 277 V						



Example Spec for HL II
HL-II - 100 - 90 - SD - SR



Listed UL 924



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