



CL Series

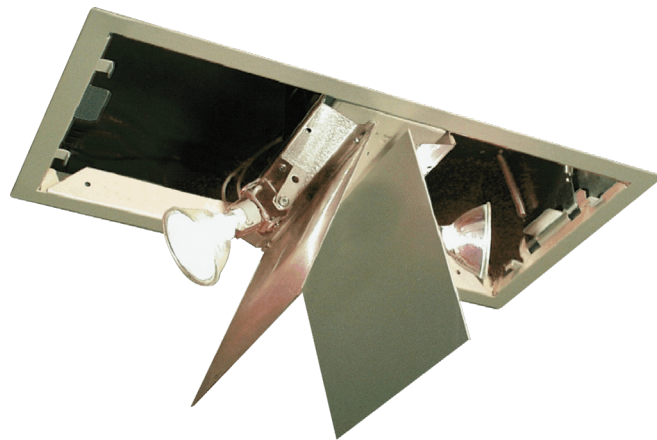
CONCEALED RECESSED EMERGENCY LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

Concealed, recessed, self-contained emergency light with fully automatic operation suitable for wall or ceiling mount applications

- Virtually invisible until power outage occurs
- Self-test/self-diagnostic circuitry monitors lamp load transfer, battery capacity, operations and motor drive
- Fully adjustable, high-output halogen lamps
- Brownout detection circuit
- Quiet, reliable, precision-controlled door mechanism
- Low voltage disconnect prevents battery deep discharge
- Polarized connector provides voltage polarity protection
- 15-minute time delay retransfer circuit
- Capacity (50, 100 or 150W)
- Fused remote leads on models with remote capacity
- Test switch



SPECIFICATIONS

APPLICATION

- The CL series is a recessed, self-contained emergency light with fully automatic operation suitable for wall or ceiling mount applications.
- High wattage lamp offers concealed and unobtrusive emergency lighting compliance for small and large open floor-plans.
- Two flat panel doors are flush with trim and mounting surface.
- Upon loss of power, the doors automatically open and reveal the emergency lighting lamp-heads.

CONSTRUCTION

- Back-box made of galvanized 20 gauge steel.
- Galvanized bar hangers span up to 30" on center.
- Trim and door panels in durable white powder coat finish.
- Can be wall-papered or field painted.
- Trim and panel doors are mounted flush with surface with no exposed hardware.
- Chicago Plenum (CP) optioned model ships with Chicago Plenum listed rough-in kit.

INSTALLATION

- Wall or ceiling mount.
- The CL is fully recessed by means of a steel back-box complete with fully adjustable mounting hardware.
- The modular assembly and quick connector design allow for fast and easy installation. T-bar clips secure unit to grid in ceiling mount applications.
- Rough-in dimensions: 13.5" X 6.75", allow 5.5" for panel opening clearance.

ILLUMINATION

- The CL series provides illumination with two adjustable 12 through 75 watt MR-16 Halogen lamps rated for 2,000 hours of operation.
- Soft start lamp circuit allows for extended lamp life.

ELECTRONICS

- Dual-voltage input of 120/277VAC.
- Precision controlled motor and cam system ensures smooth and reliable opening and closing of light source.
- LED indicator provides visible fault detection and AC-On indication.
- Test switch provides manual activation of a 30-second diagnostic test.

COMPLIANCES

- UL 924 Listed to 924 Standard
- NFPA 101 (Life Safety Code)
- NFPA 70 National Electrical Code

WARRANTY

- Full 3 year warranty

KEY DATA	
Lamp Color	White
Lamp Type	12-75 watt Halogen
Operating Temperature Range	Lead Calcium Battery: 16°C to 32°C (60°F to 90°F) Nickel Cadmium Battery: 0°C to 38°C (32°F to 100°F)
Weight	23-31 lbs. depending upon capacity
Overall Size	16"L X 13.5"W X 4"D



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ORDERING GUIDE

CATALOG # _____

CL				Options		Accessories (Order Separately)	
Model	Capacity	Battery Type	Lamp Wattage				
CL Concealed Recessed Emergency Luminaire	50 50 Watts ¹	Blank Lead Calcium N Nickle Cadmium	H12 12 Watt Halogen	CP Chicago Plenum Rated ⁴ XK Less Rough-in Kit ³		CLRT Remote Testing Transmitter CLLRK CLL Rough-In Kit	
	100 100 Watts ²		H20 20 Watt Halogen				
	150 150 Watts		H35 35 Watt Halogen				
	H50 50 Watt Halogen						
	H75 75 Watt Halogen						

Notes:

- Not available with H35, H50, or H75 lamps
- Not available with H75 lamps
- To order the rough-in kit only for early installation, add "XK" option suffix to CL model number and order "CLRK" separately.
- XK option not available with CP (Chicago Plenum)

REMOTE CAPACITY CHART

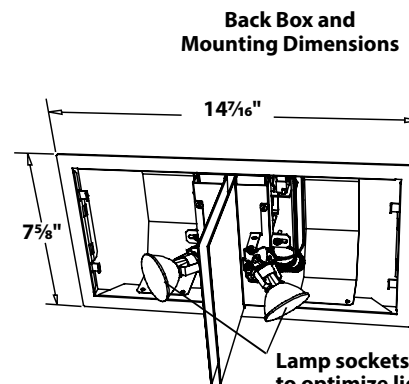
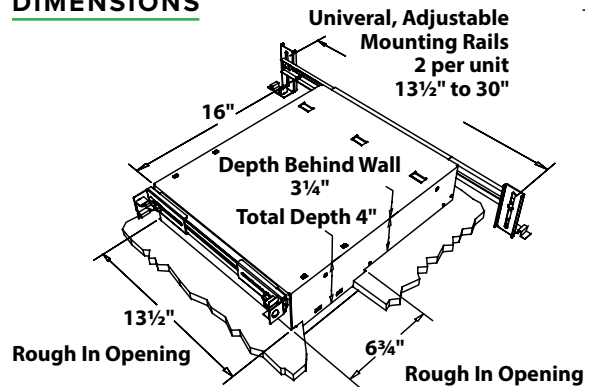
Part Number	Run Time ¹	Remote Capacity	Remote Watts ²
CL50H12	3.0 Hours	Yes	26
CL50NH12	3.0 Hours	Yes	26
CL50H20	2.0 Hours	No	--
CL50NH20	2.0 Hours	No	--
CL100H12	6.0 hours	Yes	76
CL100NH12	6.0 Hours	Yes	76
CL100H20	4.0 Hours	Yes	60
CL100NH20	4.0 Hours	Yes	60
CL100H35	2.0 Hours	Yes	30
CL100NH35	2.0 Hours	Yes	30
CL100H50	1.5 Hours	No	--
CL100NH50	1.5 Hours	No	--
CL150H12	9.0 Hours	Yes	126
CL150NH12	9.0 Hours	Yes	126
CL150H20	6.0 Hours	Yes	110
CL150NH20	6.0 Hours	Yes	110
CL150H35	4.0 Hours	Yes	80
CL150NH35	4.0 Hours	Yes	80
CL150H50	2.0 Hours	Yes	50
CL150NH50	2.0 Hours	Yes	50
CL150H75	1.5 Hours	No	--
CL150NH75	1.5 Hours	No	--

- Unit battery run time for integral lamps only (no remote lamps connected).
- Max. watts available for connection of remote lamps at 1.5 Hour unit minimum run time.

SUGGESTED CENTER-TO-CENTER SPACING

Lamp	Type	Ceiling Height			
		10'	12'	16'	20'
H12	12W Halogen	17'	17'	16'	16'
H20	20W Halogen	36'	36'	34'	34'
H35	35W Halogen	65'	65'	58'	64'
H50	50W Halogen	70'	70'	70'	70'
H75	75W Halogen	130'	140'	134'	140'

DIMENSIONS



Lamp sockets can be adjusted to optimize light pattern for wall or ceiling mounting.

Mounted Dimensions (door open)

0603443AB



currentlighting.com/dual-lite

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