

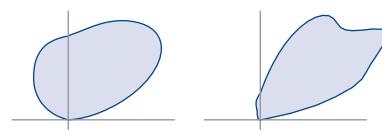
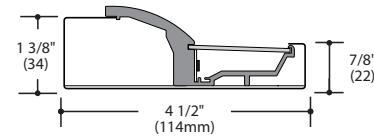
# LED Concealed Cove

Fixture Type:

Project Name:

## Ordering Guide

Feature	Code	Options	Description
<b>Series</b>		15L	Cove-15
<b>Mounting</b>		CC	Concealed Cove
<b>Fixture distribution</b>		AI	Asymmetric Indirect
<b>Row length (in feet)</b>	---		Enter in foot increments. Note fixture lengths below.
<b>Max length in row</b>		02 03 04 06 08	24-1/16" 610mm 36-1/32", 914mm 48", 1219mm 72", 1829mm 96", 2438mm
<b>Finish/Color</b>		C1	Matte White
<b>Color temperature</b>		30K 35K 40K	3000K 3500K 4000K
<b>Output/ft (specifiable in 50 lumens/ft increments)</b>	I030 I100		300 (min) see "Driver" section for limitations 1000 (max)
<b>Driver</b>		NDM D10 D01 LEC LHI LTW	Non Dimming Osram 10% Dimming Osram 1% Dimming Hi-lume 1% EcoSystem LED driver Hi-lume 1% 3-wire LED driver Hi-lume 1% 2-wire LED driver(120V forward phase only)
<b>Circuiting</b>		1C AF	1 Circuit Alternate Fixture Switching
<b>Voltage</b>	UNV 120 240 277		Universal Voltage (120 or 277) 120 Volt 240 Volt 277 Volt
<b>Thru-wiring</b>		W1 W2 W3 W4	No Thru Wire Provide Normal and Emergency Thru Wiring* Provide Normal Thru Wiring Only Provide Emergency Thru Wiring Only *Only applicable when specified with emergency
Optional Features	Code	Options	Description
<b>Nightlight</b>		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row
<b>High Performance Reflector</b>		HPR	High Performance Reflector
<b>Adjustable Mounting Angle</b>		AMA	Adjustable Mounting Angle
<b>Corner Wiring Kit</b>		WKC	Corner Wiring Kit



## Key Features

- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- Asymmetric distribution
- High performance reflector option

## Performance

Nomenclature	Lumens/ft	W/ft	Efficacy
I030	300 (min)	4.0	75
I035	350	5.0	70
I040	400	5.5	73
I045	450	6.5	69
I050	500	7.0	71
I055	550	8.0	69
I060	600	9.0	67
I065	650	9.5	68
I070	700	10.5	67
I075	750	11.5	65
I080	800	12.5	64
I085	850	13.5	63
I090	900	14.5	62
I095	950	15.5	61
I100	1000 (max)	16.0	63

(wattage may vary up to 5% from published)

V

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15L-CC

# LED Concealed Cove

## Details

### Construction:

Steel housing. Ends provided with 7/8" diameter hole to accommodate wiring. Aluminum LED module snaps into housing.

### Mounting:

Install in cove (provided by others). Interior cove dimensions should allow for a 4.5" x 1.5" cross-section. For maximum efficiency, wall and ceiling above cove should have matte surfaces with high reflectances.

### Fixture length:

02 (24-1/16" 610mm)  
03 (36-1/32", 914mm)  
04 (48", 1219mm)  
06 (72", 1829mm)  
08 (96", 2438mm)

### Finish/Color:

Housing can be painted standard or custom colors. LED module is white. Visit [www.litecontrol.com/finishes](http://www.litecontrol.com/finishes) for details.

### CCT:

30K-3000K  
35K-3500K  
40K-4000K

### Color Variation:

2 step MacAdam ellipse

### Output (VI technology):

Variable Intensity (VI) technology allows precise specification of fixture output/wattage. Fixture will be programmed and labeled to specification. See output section for available increments.

### Output:

Specify in 50 lumens increments/ft within the below range:

Lumens/ft	Nomenclature
Min: 300	I030
Max: 1000	I100

### Driver:

NDM: Non-dimming. Fixture will be wired for fixed light output.  
 D10: 100%-10% dimming range. Fixture will be wired for low voltage 0-10V dimming control.  
 D01: 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control.  
 LEC: Lutron Ecosystem compatible using Lutron A-Series driver. 100%-1% dimming range.  
 LHI: Lutron Hi-Lume 3 wire dimming compatible using Lutron A-Series driver. 100%-1% dimming range.

### LTW:

Lutron 2-Wire Forward Phase

\*Lutron driver options available only for 300/ft, 650/ft and 1000/ft outputs. Lutron drivers not available in 3' length fixtures.

### Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.  
 AF (alternate fixture switching) Fixtures wired so every other fixture segment can be separately switched/dimmed

### Nightlight:

See separate LC-Nightlight spec sheet for additional details.

### Emergency:

Integral-not available  
Inverter-compatible (by others)

### Thru wiring:

See separate LC-Thruwire spec sheet for additional details.

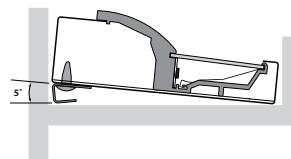
### High Performance Reflector:

Specular reflector and clear lens which provides greater peak intensity at a lower angle.

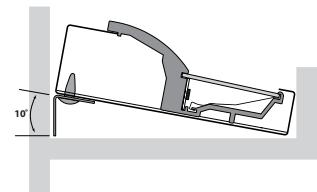
### Adjustable Mounting Angle:

Snap-on accessory which tilts fixture to lower beam throw. May result in direct view of LEDs-evaluate application viewing angles.

Adjustable Mounting Angle (AMA5)

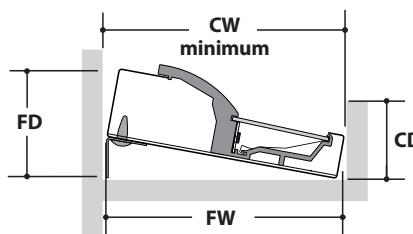


Adjustable Mounting Angle (AMA10)



Angle of Tilt	Ordering Option	Fixture Depth (FD)	Fixture Width (FW)	Cove Depth (CD) to Completely Conceal Fixture at 0° Tilt*	Recommended Cove Width (CW)
0°	standard	1-1/2" (38 mm)	4-1/2" (114)	1-3/4" (44)	4-3/4" (121)
5°	AMA5	1-7/8" (48)			
10°	AMA10	2-1/4" (57)			

\*Note: When using the AMA option, refer to photometric data to ensure that cove height does not interfere with peak output.



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15L-CC

## Details (continued)

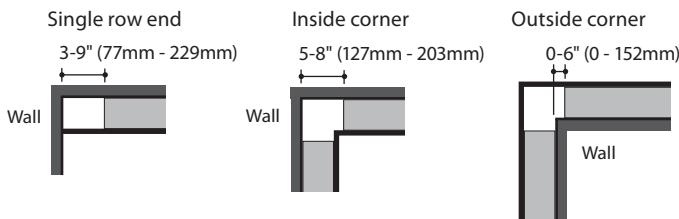
### Corner Wiring Kit:

Pre-wires fixtures for corner applications.

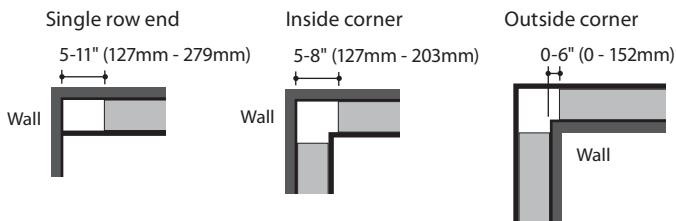
### Recommended fixture positioning:

#### Positioning at Ends and Corners

##### Standard Reflector



##### High Performance Reflector (HPR)



### Power feed:

Fixture intended to be wired with 3/8" flexible whip.

### Field accessibility:

LED boards and drivers can be accessed and removed from fixture, while installed.

### CRI:

80 minimum

### Rated Life:

Tested in accordance to LM79-2008 & derived from EPA TM21 calculator  
 L70: 160,000 (calculated per TM21 extrapolated curve)  
 L70: >36,288 (reported per TM21/LM80 6x's limitation)  
 L90: 50,000 (calculated per TM21 extrapolated curve)  
 L90: >36,288 (reported per TM21/LM80 6x's limitation)

### Fixture weight:

2.5 lbs/ft.

### Ratings:

CSA listed for damp locations. IBEW. AF of L.

### Warranty:

LED boards-5 years

LED drivers (standard)-5 years

LED drivers (Lutron)-3 years

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**15L-CC**

# LED Concealed Cove

## Photometry

**Fixture:** 15L-CC-AI-X-02-C1-35K-I030

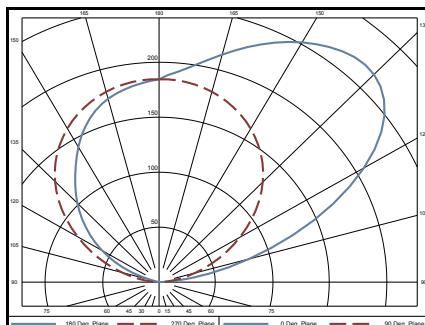
**CCT:** 3500K

**Output:** I030

**Nominal lumens:** 300 lumens/ft

**Efficacy:** 76.7 lm/W

**Test report:** 15L-CC-AI-X-02-C1-35K-I030



Zonal Lumens		
Zone	Lumens	Lamp %
0-30	0	0
0-40	0	0
0-60	0	0
0-90	0	0
90-120	142	22
90-130	259	40
90-150	492	76
90-180	648	100
0-180	648	100

**Fixture:** 15L-CC-AI-X-02-C1-35K-I030 (HPR)

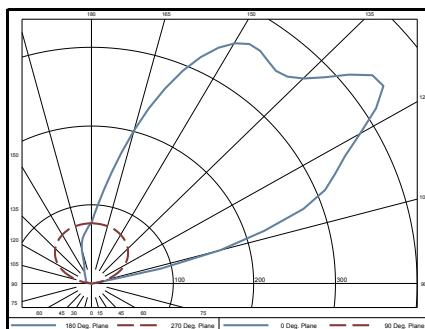
**CCT:** 3500K

**Output:** I030

**Nominal lumens:** 300 lumens/ft

**Efficacy:** 74.4 lm/W

**Test report:** 15L-CC-AI-X-02-C1-35K-I030 (HPR)



Zonal Lumens		
Zone	Lumens	Lamp %
0-30	0	0
0-40	0	0
0-60	0	0
0-90	0	0
90-120	200	32
90-130	332	53
90-150	533	85
90-180	628	100
0-180	628	100