

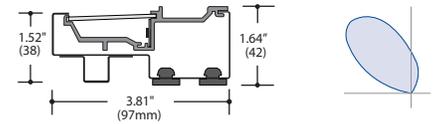
# AXIOM® Indirect Light Covers by Armstrong

Fixture Type:

Project Name:

## Ordering Guide

Feature	Code	Options	Description
<b>Series</b>		17L	Cove-17
<b>Mounting</b>		CC	Armstrong Axiom Cove Ceiling
<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	24-1/16", 610mm 36", 914mm 48", 1219mm
<b>Finish/Color</b>		C1	Matte White
<b>Color temperature</b>		30K 35K 40K	3000K 3500K 4000K
<b>Output/ft</b> <i>(specifiable in 50 lumens/ft increments)</i>		I030 I100	300 (min) see "Driver" section for limitations 1000 (max)
<b>Driver</b>		NDM D01 DS1 D00 DS0	Non Dimming 1% Dimming, 0-10V Soft Start 1% Dimming Dim-to-off Soft-Start Dim-to-off (1%)
<b>Circuiting</b>		1C	1 Circuit
<b>Voltage</b>		UNV 120 240	Universal Voltage (120 or 277) 120 Volt 240 Volt
<b>Thru-wiring</b>		W1 W3	No Thru Wire Provide Normal Thru Wiring Only
Optional Features	Code	Options	Description
<b>Nightlight</b>		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row



## Key Features

- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- Asymmetric distribution
- Specifically designed to work with Armstrong Axiom Indirect Light Covers

## Performance

Nomenclature	Lumens/ft	W/ft	Efficacy
I030	300	3.5	85
I035	350	4.1	86
I040	400	4.7	85
I045	450	5.3	85
I050	500	5.8	86
I055	550	6.5	85
I060	600	7.1	85
I065	650	7.8	84
I070	700	8.6	82
I075	750	9.3	81
I080	800	9.9	81
I085	850	10.7	79
I090	900	11.4	79
I095	950	12.0	79
I100	1000	12.7	78

(wattage may vary up to 5% from published)



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**17L-CC**

# AXIOM® Indirect Light Coves by Armstrong

## Details

### Construction:

Steel housing. 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.

### Distribution

Cove Ceiling (CC-AI)-Fixture lumens reflected indirectly off ceiling.  
Cove Wall (CW-AI)-Fixture lumens reflected indirectly off wall.

### Fixture length:

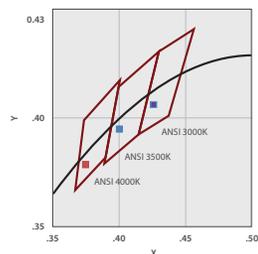
02 (24-1/16" 610mm)  
03 (36", 914mm)  
04 (48", 1219mm)

### Finish/Color:

Housing can be painted in C1 Matte White only. LED module is white. Visit [www.litecontrol.com/finishes](http://www.litecontrol.com/finishes) for details.

### CCT:

30K-3000K output multiplier 0.975  
35K-3500K output multiplier 1.0  
40K-4000K output multiplier 1.05



### 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.  
D01: 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control.  
DS1: Soft-Start 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control.  
D00: Dim-to-off 100%-1% Dimming range. Fixture will be wired for low voltage 0-10V dimming control.  
DS0: Soft-Start Dim-to-off 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control.

### Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.

### 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.

### 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

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
30K	82	81	89	94	80	80	84	85	65	19	73	78	63	83	96
35K	83	82	90	94	81	81	85	87	68	24	75	78	62	84	97
40K	83	82	89	92	81	81	83	88	70	23	72	78	55	84	95

### 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. This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction. Materials under Trade Agreements effective 8/14/2020. See [Buy American Solutions](#).

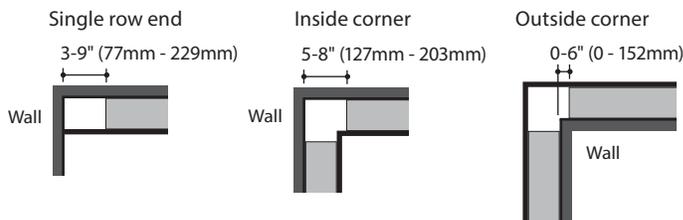


### Warranty:

LED boards-5 years  
LED drivers (standard)-5 years  
LED drivers (Lutron)-3 years

### Recommended fixture positioning:

Positioning at Ends and Corners  
Standard Reflector



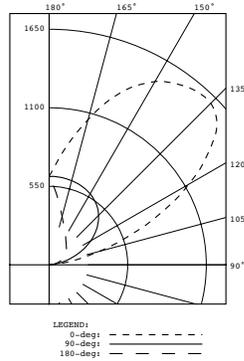
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17L-CC

AXIOM® Indirect Light Covers by Armstrong

Photometry

**Fixture:** 17L-CC-AI-02-C1-35K-I085  
**CCT:** 3500K  
**Output:** I085  
**Nominal lumens:** 850 lumens/ft  
**\*Efficacy:** 86 lm/W  
**Test report:** 17L-CC-AI-02-C1-35K-I085



Zonal Lumens		
Zone	Lumens %	Lamp %
0-30	0	0
0-40	0	0
0-60	0	0
0-90	0	0
90-120	640	23.3
90-130	1172	42.7
90-150	2172	79.1
90-180	2764	100
0-180	2746	100