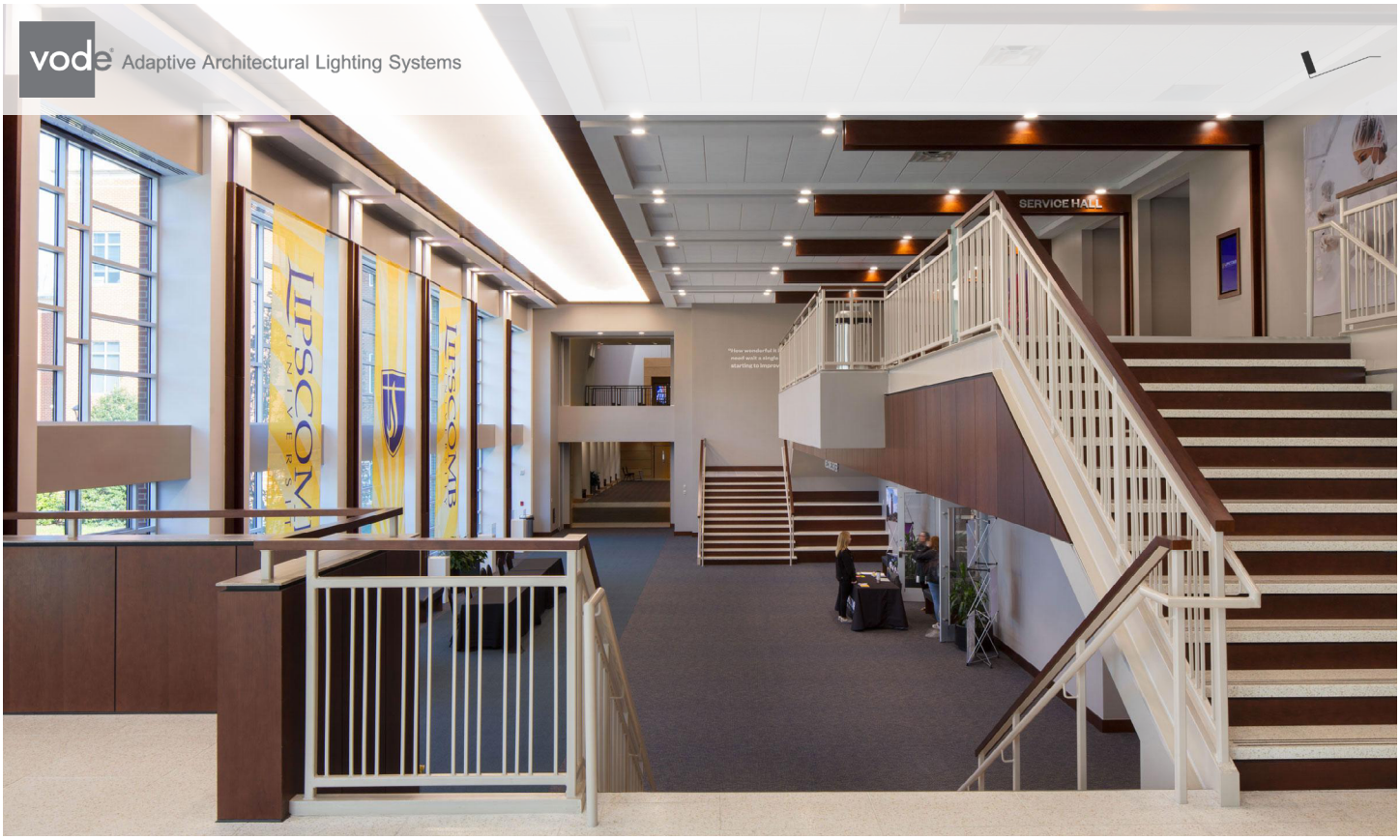


Spec Guide

ZipWave | Ceiling Cove | 707

Red List Approved
Declare.

Ceiling cove lighting system for ceiling wash applications.

ZipWave: indirect cove light.

Benefits & Features

Perfect Light Distribution

Optimized distribution, no tuning necessary. Designed for Armstrong® AXIOM® Indirect Light Coves and site-built coves.

Superior Light Quality with High Efficiency

Output up to 1516 lm/ft (4975 lm/m) (HO), 121 lm/W (SO). 90 CRI & tunable white (2200K-6500K) available.

Easy Installation, Minimal Electrical Circuits

Simply drops into cove, no tools required. Plug & play integral power and control circuits provided. Up to 533' can be powered with one 277v feed.

Better Beam Performance

FarThrow™ lens for long, even beam across the ceiling.

Quick Connect Cables.

Ceiling Cove installed in AXIOM Knife-Edge cove.

Build Your Specification

707-Z9	SL				0 ▸▸

System & Rail Type
707-Z9 ZipWave

System Type
SL Standard Linear

System Length
Specify overall system length in ft/in or M/mm.

Rail Length
24 24” (610mm)
36 36” (914mm)
48 48” (1219mm)
60 60” (1524mm)
72 72” (1829mm)
96 96” (2438mm)
ZZ Other rail length or layout (please specify)

*See **Rail Length Chart** for more details.*

⚠ ***Custom lengths may result in light gaps on the fixture. See Rail Length Chart for more details.***

Mounting
EL Engineered Ceiling Cove, FarThrow™
AC Armstrong® Ceiling Cove, FarThrow™
ZZ Other (please specify)

Arm/Cord Length
0 None

▸▸ IP				Z ▸▸

Power Location
IP Integral Power

Power Type
Integral Power
AE 0-10V, 1.0% Dimming
AT 0-10V, 0.1% Dimming
AD DALI, 0.1% Dimming
AX DMX, 100-0% Dimming
AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE[1]
AH2 ELV 1% 2-wire (Forward and Reverse Phase)

ZZ Other (please specify)

*See **Power Guide** for driver features & limitations.*

Voltage
1 120V
2 120V - 277V
X Not Yet Specified

Emergency Power
0 No Emergency Power
ZZ Emergency Power *(specify requirements)*

LED Type
Z Zipper Board

▸▸		C1		AL

Lumen Output
LO Low Output
SO Standard Output
HO High Output*
ZZ Other (please specify)

*See **IES Files** page for details.*
*See **Power Guide** for driver features & limitations.*

Color Temperature
90+ CRI
27 2700K
30 3000K
35 3500K
40 4000K

ZZ Tunable White Available
See Guide for details

Optics
C1 Clear with EdgeSoft™

Sensors
0 None
ZZ Sensor *(specify requirements)*

Finish
AL Clear Anodized

▸▸

Options
0 None
CPP Chicago Plenum Power

Jumper Cables Sold Separately

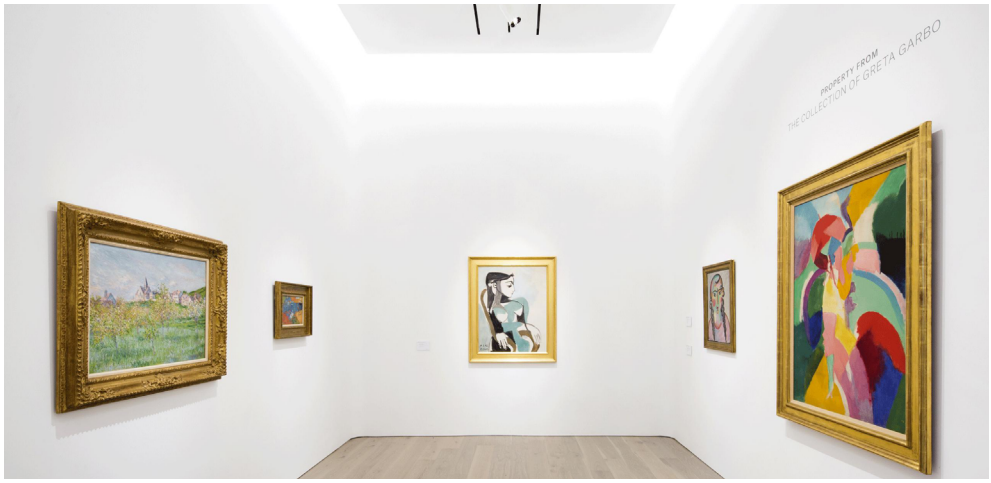
Vode offers a 2’ (*Part Number: PWH-707-Z9-24-MF-WJ*) or 6’ (*Part Number: PWH-707-Z9-72-MF-WJ*) jumper for corner installations. Please indicate on your order the type and quantity required.

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA. Certain limitations exist for each Certification. Contact factory for verification.

*Standard 5 Year Limited Warranty. See details **here**. Contact factory for options on Limited Warranties up to 20 years.*

Applications

General Interior and Open Office



Christie's Auction House, Los Angeles, CA

UAMS's Winthrop P. Rockefeller Cancer Institute, Little Rock, AR

DECLARE

International Living Future Institute (ILFI)

Red List Approved

All Vode Lighting linear light fixtures proudly carry the Red List Approved designation.

Declare.

Vode Adaptive Architectural Lighting Systems
Vode Lighting LLC

Final Assembly: Sonoma, California, US
Life Expectancy: 10+ Year(s)
End of Life Options: Recyclable (100%)

Ingredients:

Steel; Anodized Aluminum (6063-T5 Alloy); Small Electrical Component (RoHS); Copper; Fluorinated Ethylene Propylene (masterbatch); Polymethyl methacrylate (PMMA); Stainless Steel; Polyoxymethylene Copolymer (POM); Styrene-butadiene polymer, hydrogenated; Poly(methyl methacrylate/butyl acrylate/styrene) (PMMA/BA/S); Styrene/butadiene copolymer; Distillates; Polypropylene; Calcium carbonate; Polycarbonate; EVA Copolymer; Methyl methacrylate (MMA); Polyphenylene Oxide; Brass; Tin, Organic

Living Building Challenge Criteria: Compliant

I-13 Red List:

☐ LBC Red List Free	% Disclosed: 100% at 100ppm
■ LBC Red List Approved	VOC Content: Not Applicable
☐ Declared	

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

VDE-0001
EXP. 01 FEB 2026
Original Issue Date: 2018

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Click here to learn more: ***International Living Future Institute***

TM65NA

CIBSE & ASHRAE on Embodied Carbon

Vode recognizes TM65NA as the highest standard for understanding the embodied carbon of our fixtures.

Developed with ASHRAE, it adapts CIBSE's TM65 for North America, ensuring accurate regional assessments. It must be used alongside TM65 and follows TM65LA's framework.

System: 707 | ZipWave | Ceiling Cove
Embodied Carbon (kg CO_2e): 44.38*

***Note**: Embodied Carbon, expressed in kilograms of CO_2e is calculated using a 48" fixture **and includes the LED driver.**

CIBSE ASHRAE

Click here to learn more ***CIBSE, ASHRAE***.

BAA X BABA

Buy American Act / Build America & Buy America Act Compliance

Vode is dedicated to supporting domestic manufacturing and ensuring compliance with BAA and BABA requirements.

Given the complexity of our products, we recommend reaching out to **vodecares@vode.com** for confirmation regarding compliance for your specific project.

BAA BABA

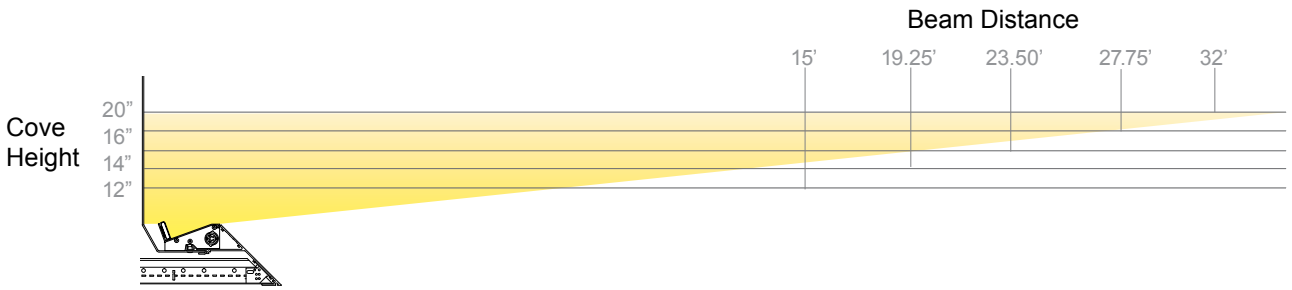
Click here to learn more: ***US Department of Commerce***

Applications

Vode supplies ZipWave cove product only. Armstrong cove products supplied by Armstrong.

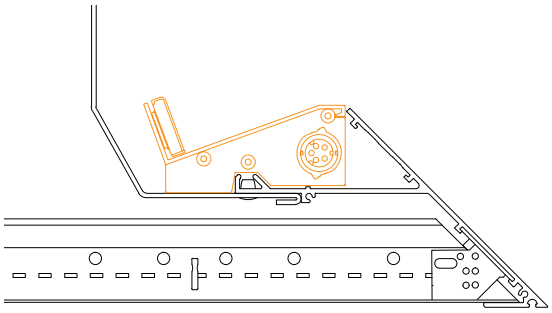
ZipWave FarThrow™ Ceiling Cove

The Armstrong® AXIOM® Ceiling-to-Ceiling Indirect Light Cove comes in different heights relative to the ceiling plane. The beam distance (the distance at which the soft edge of light crosses the ceiling plane) depends on the height of the ceiling cove.

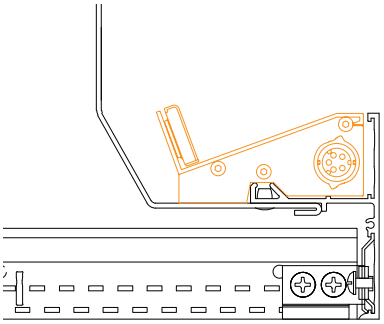


Armstrong AXIOM Indirect Light Cove, Ceiling-to-Ceiling

An architectural key way in Armstrong AXIOM Indirect Light Coves and Field Coves aligns ZipWave fixtures within the cove to provide consistent, optimized light for every installation.



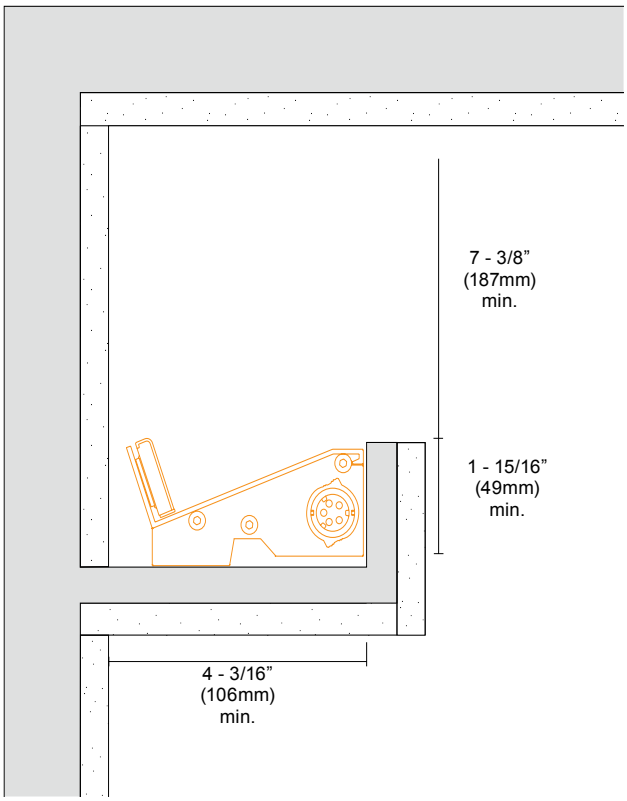
Knife-Edge



Classic-Edge

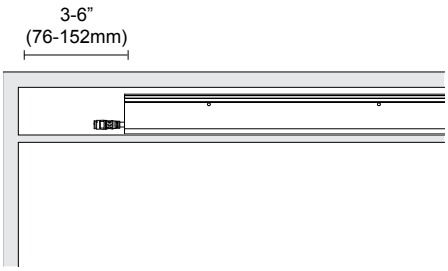
Engineered or Site-built Ceiling Cove

ZipWave can be placed in a wide variety of engineered commercial lighting coves and site-built coves. Use the following minimum dimensions to ensure optimal performance.

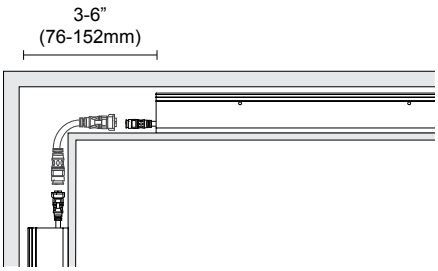


Corner Layout

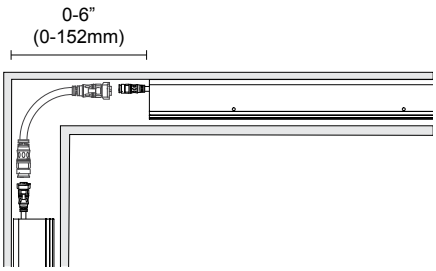
Single Row End



Inside Corner



Outside Corner



Jumper Cables Sold Separately:
Vode offers a 2’ (*Part Number: PWH-707-Z9-24-MF-WJ*) or 6’ (*Part Number: PWH-707-Z9-72-MF-WJ*) jumper for corner installations.
Please indicate on your order the type and quantity required.

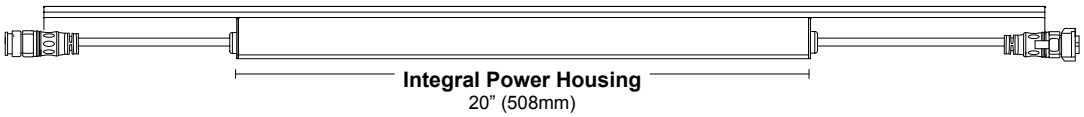
Structure

Rail Lengths	24” (610mm) - 96” (2438mm). Modified lengths available. *See **Rail Length Chart** for more details.*
Rail Dimensions	1.8” (46mm) x 3.7” (94mm) x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Integral power housing compatible with Armstrong AXIOM Indirect Light Coves, pre-fab and site-built coves.
System Run Length	24” (610mm) minimum. Unlimited maximum.
Operating Temperature	32ºF to 104ºF (0ºC to 40ºC).
Humidity	0-95%, non-condensing.
Weight	1.1 lbs per ft (0.50kg per 305mm). Weight will vary slightly due to driver selection.

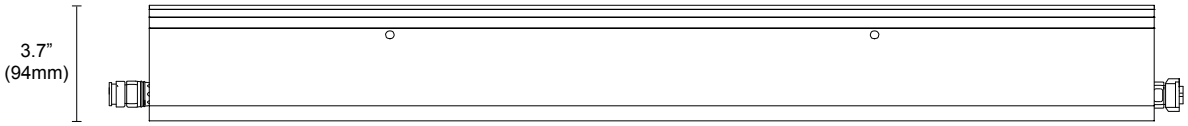
Materials

LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Cable	Ø8mm, 6 wire, UL21388, Mylar White with UV resistant PVC jacket.

Dimensions

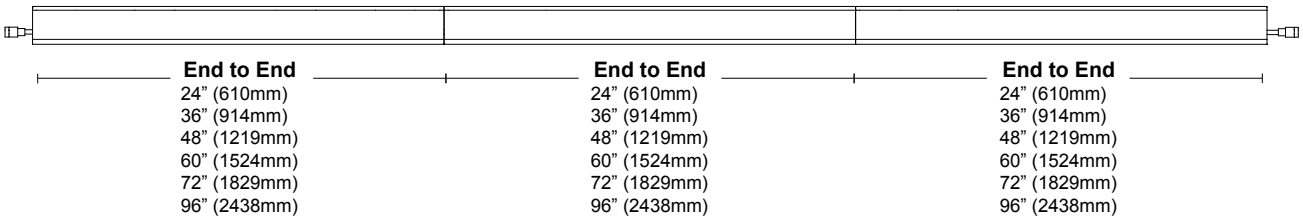


Integral Power Housing
20” (508mm)

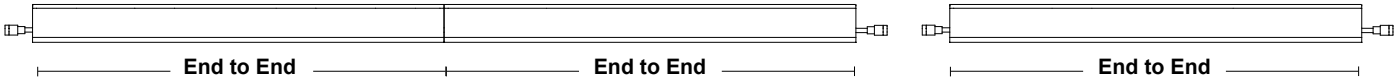


Rail Length
24” (610mm)
36” (914mm)
48” (1219mm)
60” (1524mm)
72” (1829mm)
96” (2438mm)

Layout



End to End
24” (610mm)
36” (914mm)
48” (1219mm)
60” (1524mm)
72” (1829mm)
96” (2438mm)



End to End
24” (610mm)
36” (914mm)
48” (1219mm)
60” (1524mm)
72” (1829mm)
96” (2438mm)

System Length per Power Feed

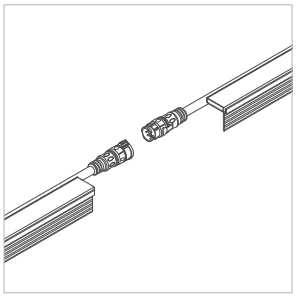
24” - 72” Rail Lengths

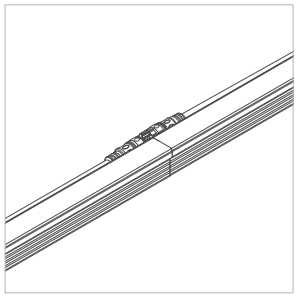
Input Voltage	Output		
	LO	SO	HO
120	267’ (81m)	134’ (40m)	67’ (20m)
277	615’ (187m)	308’ (93m)	154’ (46m)

96” Rail Lengths *(any system that contains at least one 96” rail)*

Input Voltage	Output		
	LO	SO	HO
120	209’ (63m)	107’ (32m)	54’ (16m)
277	481’ (146m)	247’ (75m)	124’ (37m)

Quick Connect Cables





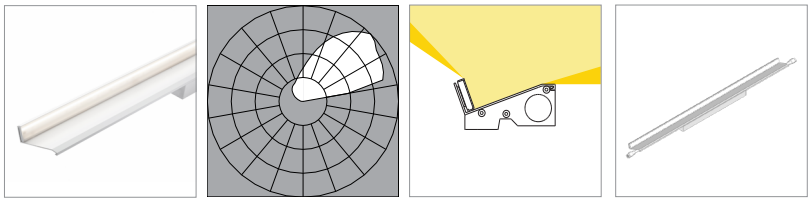
Power and Controls

Power Type	Class 2 (<60V output) constant current driver.
Controls	Dimming (0.1%, 1%), 0-10V, DALI, DMX, Hi-lume 1% are available. *See **Power Guide** for details.*
Input Voltage	120V - 277V, 50/60hz.
Power Location	Integral power only. Power cable is 27” (686mm) with 7.875” (200mm) male-male jumper.

Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

Clear with EdgeSoft (C1), fixture only



L80 >60,000 hours

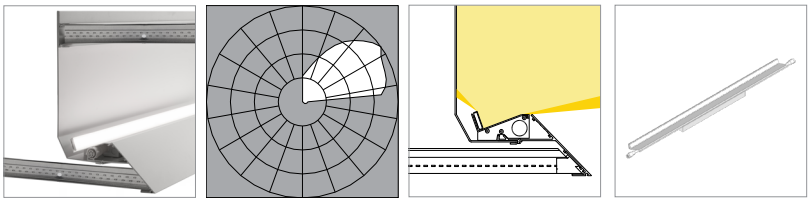
90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	95	98	100	101
Lumens per foot (305mm)	353	364	371	375
Watts per foot (305mm)	3.8	3.8	3.8	3.8

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	107	111	113	114
Lumens per foot (305mm)	705	728	742	750
Watts per foot (305mm)	6.7	6.7	6.7	6.7

High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	100	103	106	107
Lumens per foot (305mm)	1340	1383	1411	1425
Watts per foot (305mm)	13.5	13.5	13.5	13.5

Clear with EdgeSoft (C1), in cove[1]



L80 >60,000 hours

90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	93	96	98	102
Lumens per foot (305mm)	343	354	361	365
Watts per foot (305mm)	3.8	3.8	3.8	3.8

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	104	108	110	114
Lumens per foot (305mm)	686	708	722	730
Watts per foot (305mm)	6.7	6.7	6.7	6.7

High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	98	101	103	107
Lumens per foot (305mm)	1304	1345	1373	1386
Watts per foot (305mm)	13.5	13.5	13.5	13.5

NOTES & LIMITATIONS

[1]Based on testing 4' rail section placed inside 4' cove section of an Armstrong AXIOM Indirect Light Cove, classic profile. Lumen measurement complies with IES-LM-79-08 testing procedures.