

AMETRIX™

LC32

Linear LED Cove System

Innovation you can rely on™

 **COOPER** Lighting



Simple, small and powerful

The LC32 LED cove offers the perfect combination of scale, performance, and control to create vibrant lighting effects

With an advanced system of low powered LEDs, the LC32 delivers smooth, diffuse and consistent light to architectural features and surfaces. Equipped with an integral dimmable driver, two lumen packages, and four color temperatures, the LC32 can be easily tailored to the application while keeping energy consumption at a minimum.

In addition, LC32's unique, easy-to-install design offers continuous shadow free lighting for seamless illumination effects over long distances and solves the age old problem of fluorescent socket shadows. And finally, the LC32 will not break the budget with its affordable pricing and low maintenance design that carries a 50,000 hour rated system life.

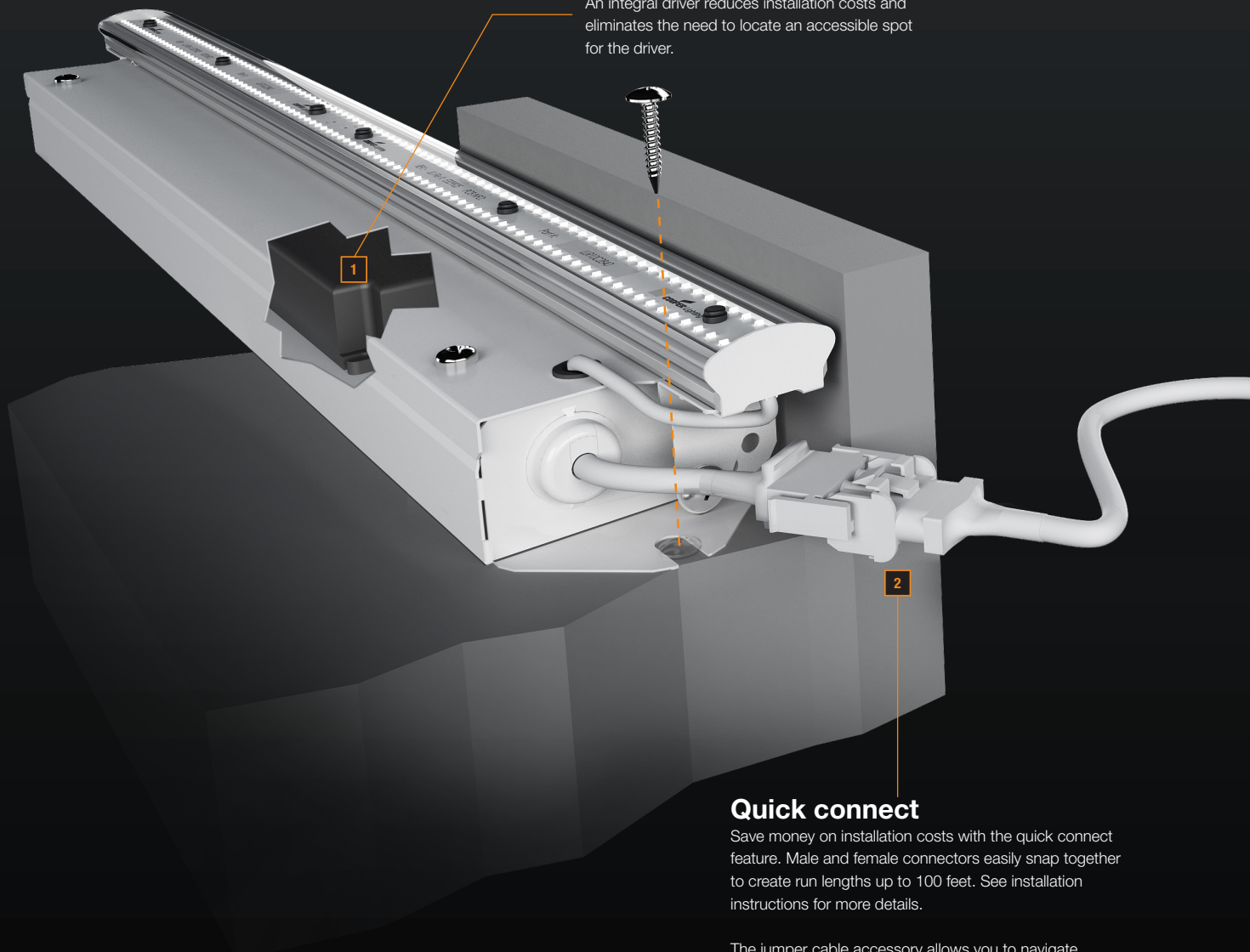


Performance in a small package

With a comprehensive range of features, the LC32 offers high performance with flexibility and easy installation in mind. Its compact construction, low energy consumption, and remarkably powerful lumen packages make it a valuable linear lighting design tool that extends its use far beyond cove lighting.

Integral driver

An integral driver reduces installation costs and eliminates the need to locate an accessible spot for the driver.



Quick connect

Save money on installation costs with the quick connect feature. Male and female connectors easily snap together to create run lengths up to 100 feet. See installation instructions for more details.

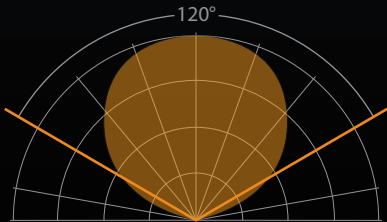
The jumper cable accessory allows you to navigate obstructions while maintaining a connection within the product run. Standard lengths of 1', 3', or 12' are available.

Lumen Packages

Light level 1 achieves 750 lumens per foot, which is great for enhancing architectural details, while light level 2 offers an impressive 1300 lumens per foot, providing enough light to adequately illuminate a space with comfortable indirect light.

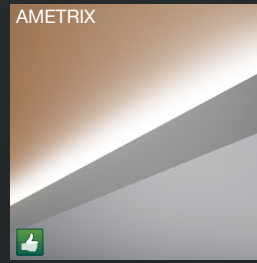
Length	Light Level	Lumens/ft	Lumens/m	Wattage
12"	1	750	2500	9
	2	1350	4400	18.5
24"	1	1500	4900	17
	2	2630	8600	36.5

*Values reflect 3500K CCT



Exceptional uniformity

With an emerging market in LED linear products, it's important to distinguish what sets the LC32 apart from others. Rather than using high-power LED chips spaced far apart, the LC32 uses low-power LED chips spaced very closely together and in multiple rows. The end result is smooth soft illumination across a surface without any noticeable color shift.



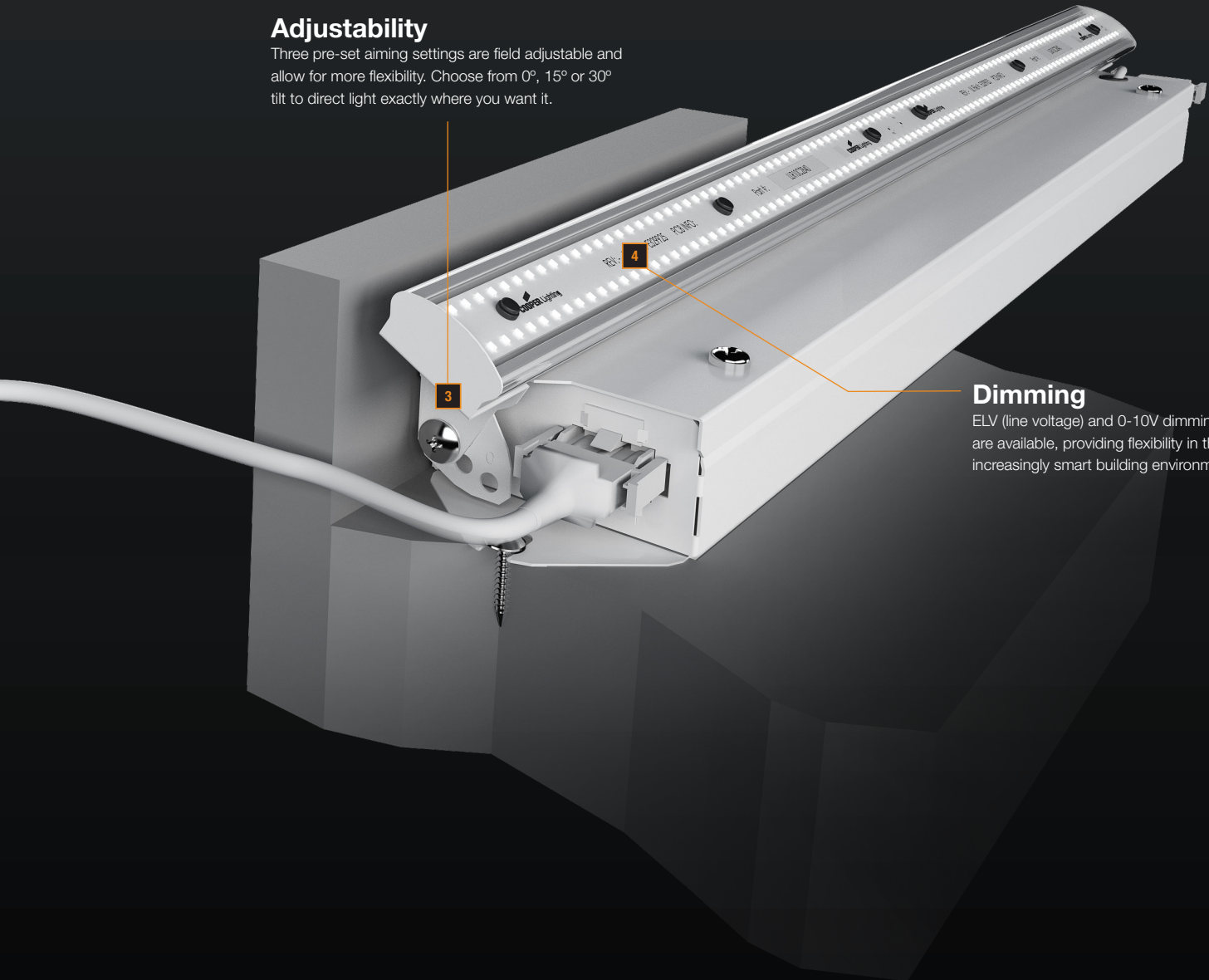
LC32 low-power LEDs create smooth uniformity



Higher power LEDs create inconsistent light effects on reflective surfaces

Adjustability

Three pre-set aiming settings are field adjustable and allow for more flexibility. Choose from 0°, 15° or 30° tilt to direct light exactly where you want it.



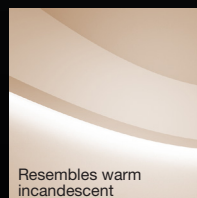
Dimming

ELV (line voltage) and 0-10V dimming options are available, providing flexibility in the increasingly smart building environment.

The proof is in the color

The LC32 is offered in 2700K, 3000K, 3500K, and 4000K CCT and comes with a high color rendering index of 85+ to compliment any décor.

2700K



3000K



3500K



4000K



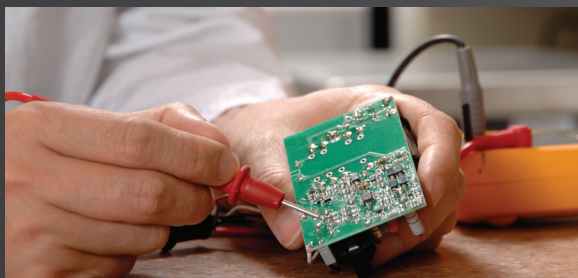
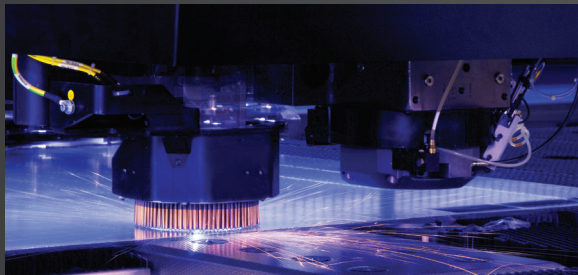
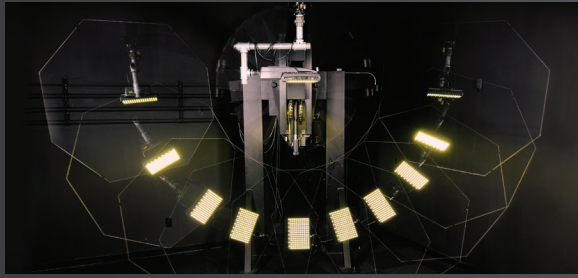
Innovation you can rely on™



Cooper Lighting is at the forefront in transforming the lighting industry and setting an unmatched standard for **innovation** and **reliability**. No one will do more to empower you with the innovations, technology and resources you need to meet the challenges of the future.

- Up to 90 lm/W Luminaire Efficacy
- LM79 and LM80 Compliant
- 50,000 Hour lifetime using TM-21-11 Standards
- 85+ Color Rendering Index (CRI)
- 5 Year warranty including the LED and driver

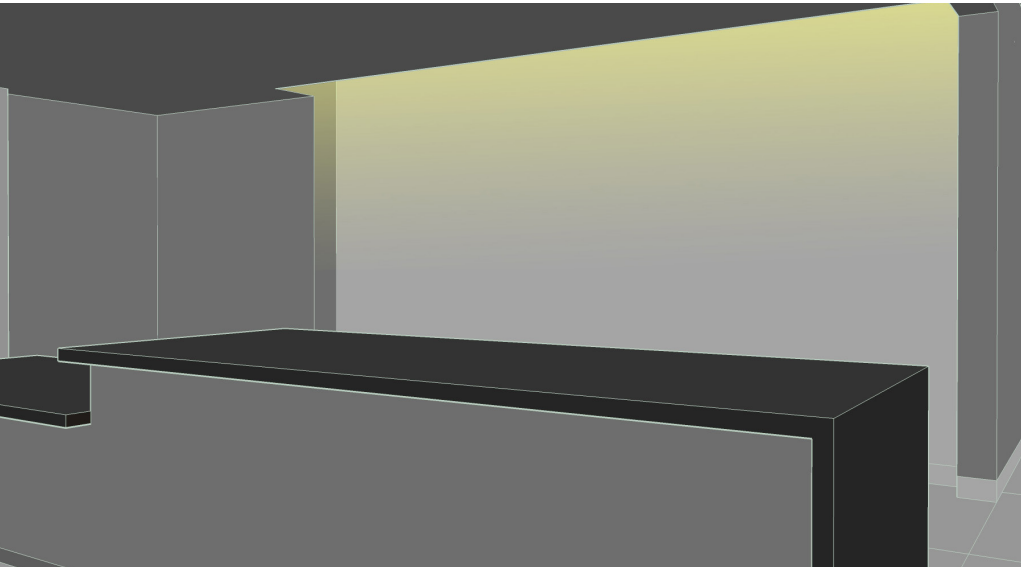
AMETRIX™



 **COOPER** Lighting

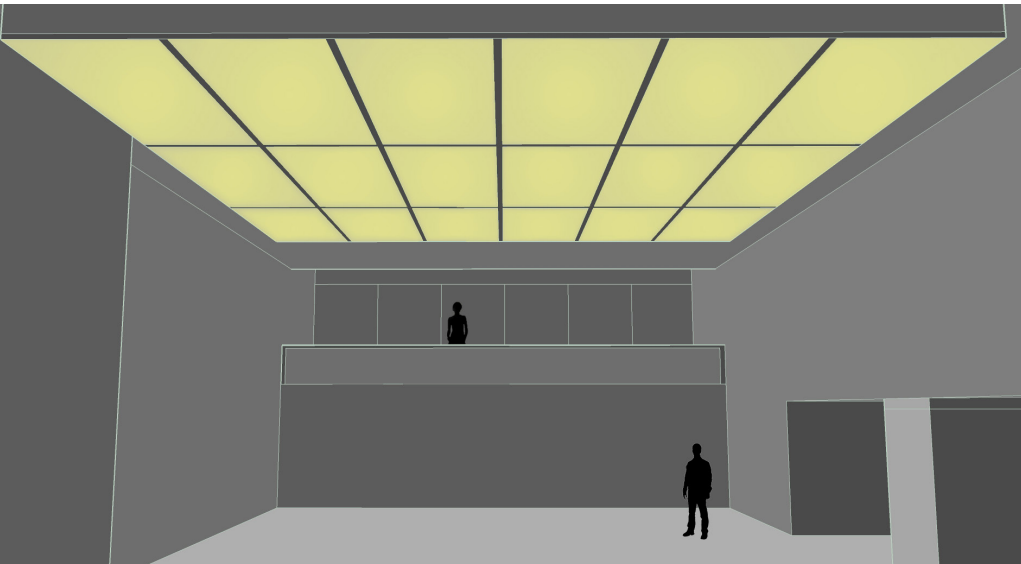
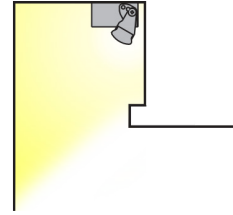
LIMITLESS APPLICATIONS

The LC32 series offers the lighting designer a flexible design tool limited only by your creativity.



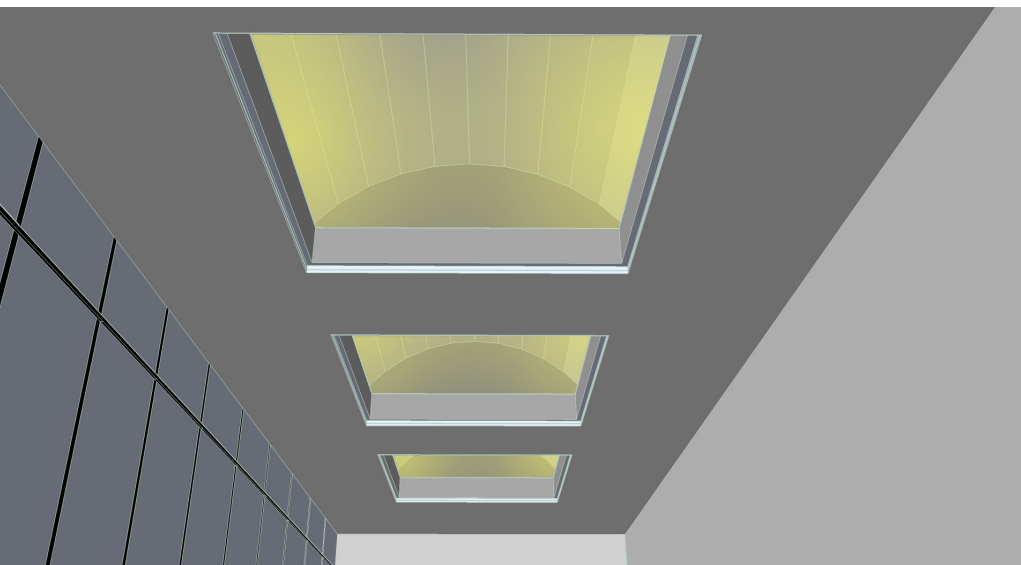
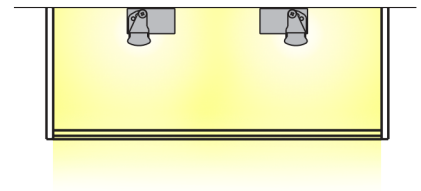
Wall Wash

LC32 creates smooth even illuminance on an accent wall from above.



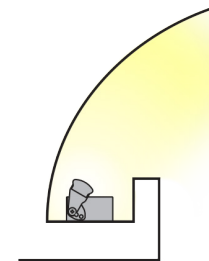
Backlit Ceiling

Achieve better results while using fewer fixtures when creating a backlit glowing ceiling.



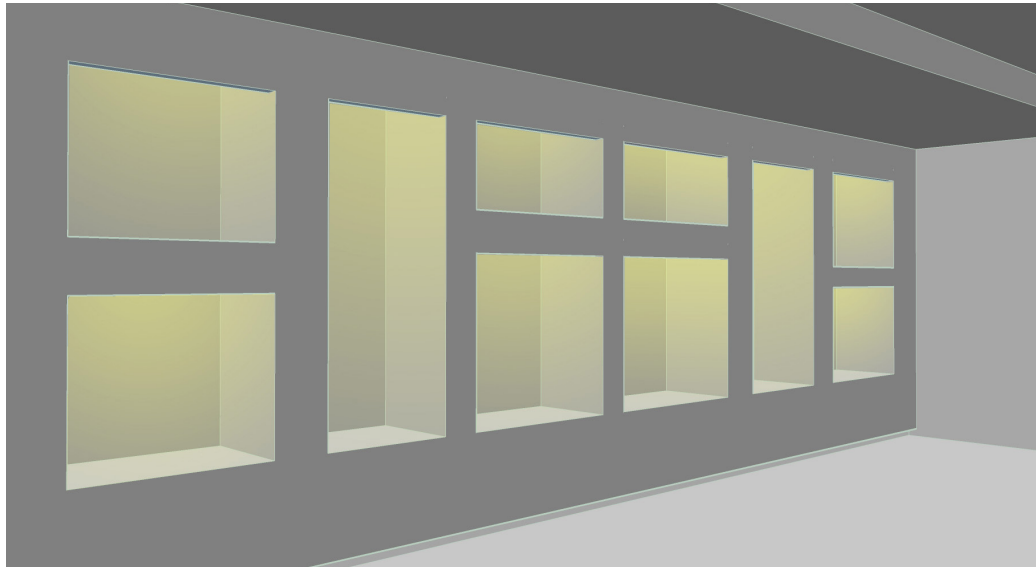
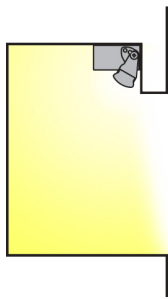
Typical Cove

Use the LC32 to fill a cove with rich high quality light and accentuate high-end finishes.



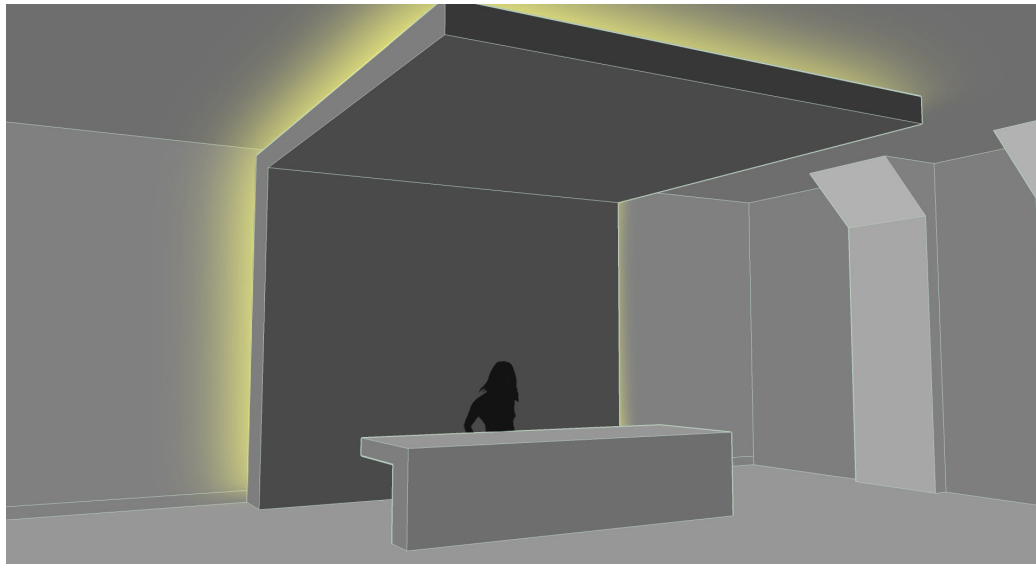
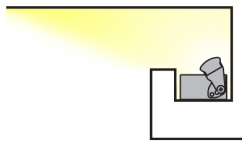
Display

Beautifully highlight objects in display niches without dark corners or hotspots.



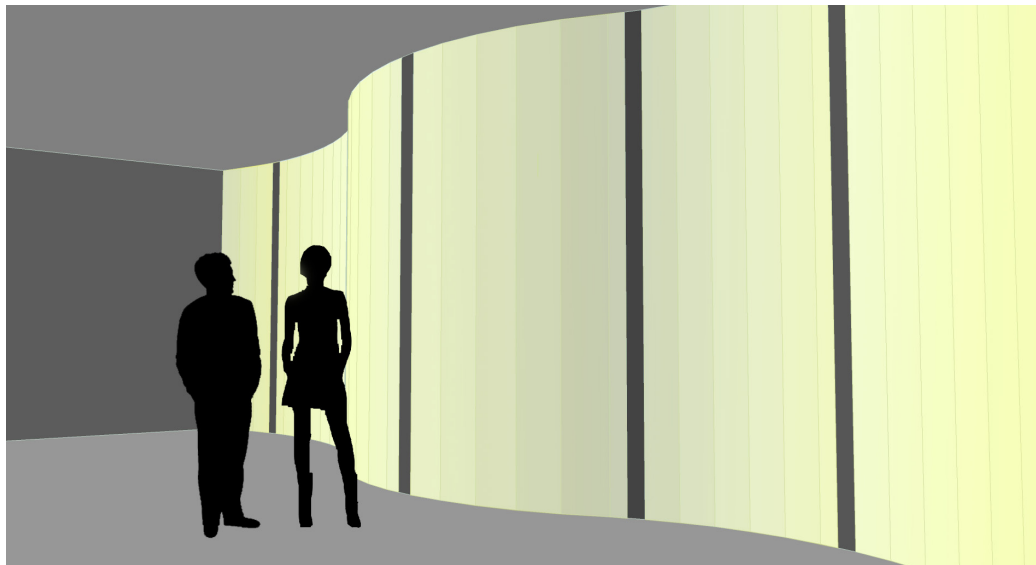
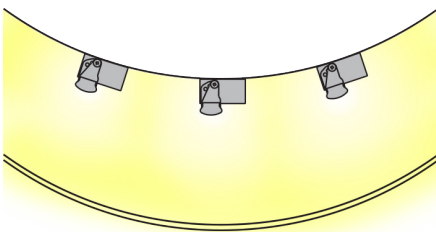
Floating Effect

Striation-free illumination of the perimeter of an architectural element draws attention and creates a floating surface effect.



Backlit Wall

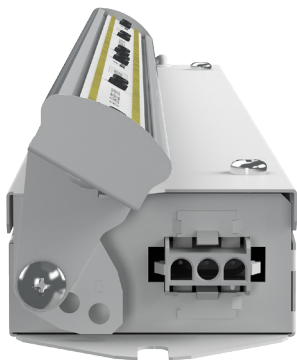
The LC32 coupled with a translucent material gives you perfect diffusion across a surface while creating a striking dynamic environment.





LC32 Ordering

FIXTURE	
LC	LED Cove Series
LIGHT LEVEL	
1	Light level 1 - 12"= 778 lms, 9W 24" = 1504 lms, 17W
2	Light level 2 - 12"= 1346 lms, 18.5W 24" = 2634 lms, 36.5W
COLOR TEMP	
27K	LED 2700K
30K	LED 3000K
35K	LED 3500K
40K	LED 4000K
NUMBER OF CIRCUITS	
1	1 circuit
WIRING	
C	Standard switched circuit
ELV	ELV dimming
D10	0-10V dimming
VOLTAGE	
120	120V
277	277V
UNV	Universal 120V-277V
MODULE SIZE	
12	12" module length
24	24" module length
OPTIONS	
0	0° tilt factory pre-configured
15	15° tilt factory pre-configured
30	30° tilt factory pre-configured
OPTIONAL ACCESSORIES	
J1	1' jumper cable
J3	3' jumper cable
J12	12' jumper cable
ORDERING EXAMPLE	
LC-1-27K-1-C-UNV-12-0	
	



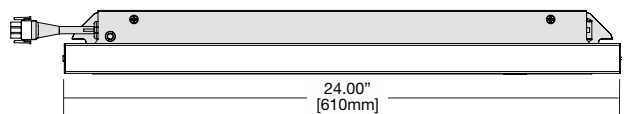
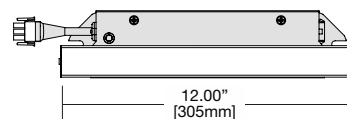
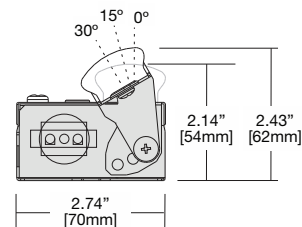
0° - 30° Aiming

CONSTRUCTION Housing gear-tray and brackets are die formed aluminum. LED module composed of extruded aluminum heat sink and fastened to housing with stainless steel hardware. Clear acrylic extruded lens offers protection from installation handling and dust. The LC32 linear cove system features quick connect plugs to simplify installation and allow product runs up to 100 linear feet. See installation instructions for more details.

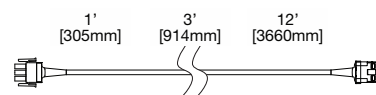
LED LIGHT ENGINE Fixture equipped with proprietary Cooper Lighting LED. Future-proof module is constructed of aluminum and provides exceptional thermal management for cool operation and maximum efficacy. Discrete low-powered LED array provides soft diffuse light free from striations. LEDs comply with LM-80 lifetime testing standards and offer a life rating of 50,000 hours at 70% lumen maintenance.

DRIVER/ELECTRICAL Integral high performance constant current driver for switched and dimmed applications. Each cove module is configured for a line voltage feed while providing through wiring and quick connects for continuous mounting applications.

MOUNTING Each individual luminaire module provides two structural mounting locations.



Jumper Cable



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