

# modaLIGHT<sup>®</sup>

## SPECIFICATION

## MODA E-COVE<sup>®</sup> INTERIOR AMBER 1FT

### Line Voltage LED Linear System.

E-COVE mono COLOR series provides saturated static colored light which creates moods and creative scenes in any environment. Low maintenance combined with a long life this low profile fixture can be mounted in the smallest of locations to enhance any application. 0% Synchronized smooth flicker free dimming technology.



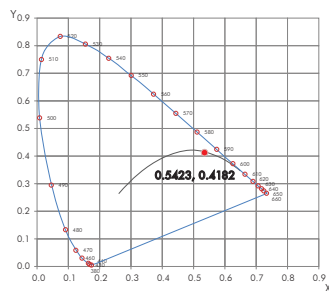
### OUTPUT

Delivered Lumens	184.64
CCT & SDMC	N/A
Chromaticity Coordinates	x: 0.5423 y: 0.4182 u: 0.3154 v: 0.5475
Color Bin Tolerance	N/A
Efficacy (lm/w)	30.77
Wavelength	611nm
Lumen Maintenance	70,000 Hours L70 @ 25°C 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

### ELECTRICAL

Input Voltage	100-277v AC 50Hz/60Hz
Power Consumption	6w (0.05A)
Power Factor	≥ 0.96
Dimming	Electronic Low Voltage Reverse Phase Trailing Edge
Emergency	N/A

### CIE 1931 CHROMATICITY DIAGRAM



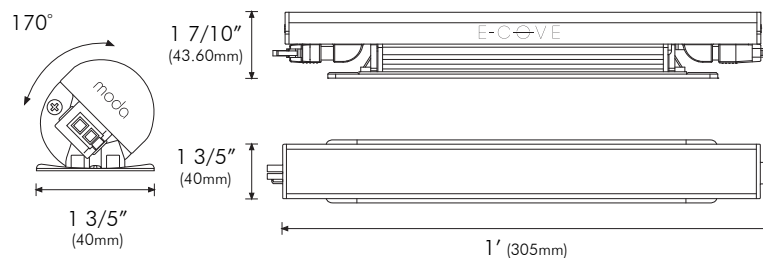
### LUMINANCE DATA (cd/sq.m)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14745	12594	12172
55	13744	11383	10792
65	11642	9246	8607
75	7919	8044	2421
85	2099	1928	2280

### PHYSICAL

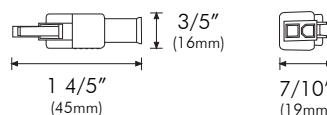
Applications	Cove, Accent & Indirect General Illumination
Dimensions	Length 1' (305mm) Width 1 3/5" (40mm) Height 1 7/10" (43.60mm)
Weight	11.2oz (318g)
Construction	Polycarbonate Body, Polycarbonate Lens
Thermal Management	Natural Convection
Optics	N/A
Fixture Connections	Integral Male & Female Connectors
Operating Temperature	-22°F ~ 122°F (-30°C ~ 70°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

### DIMENSIONS

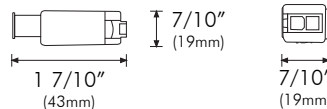


### CONNECTOR DIMENSIONS

#### Male Output



#### Female Output



### MODA TECHNOLOGY

modaCUE™ modaKWIK CONNECT™

modaDRIVER™ modaSOFT™

### STANDARDS & CERTIFICATIONS



Project Name:

Notes:

# modaLIGHT<sup>®</sup>

## SPECIFICATION

# MODA E-COVE<sup>®</sup> INTERIOR

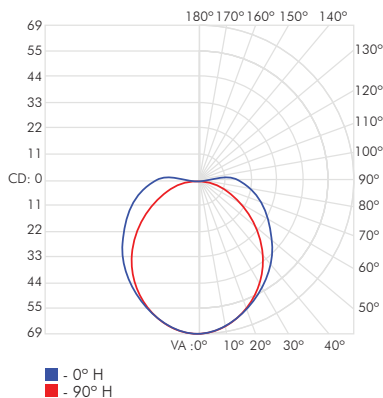
## AMBER 1FT

### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	17.09 fc	5.8 ft 5.8 ft
4.0 ft	4.27 fc	11.6 ft 11.7 ft
6.0 ft	2.13 fc	17.4 ft 17.5 ft
8.0 ft	1.06 fc	23.3 ft 29.1 ft
10.0 ft	0.53 fc	29.1 ft 29.1 ft
12.0 ft	0.42 fc	34.9 ft 35.0 ft

■ Vert. Spread: 110.90°  
■ Horiz. Spread: 111.10°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

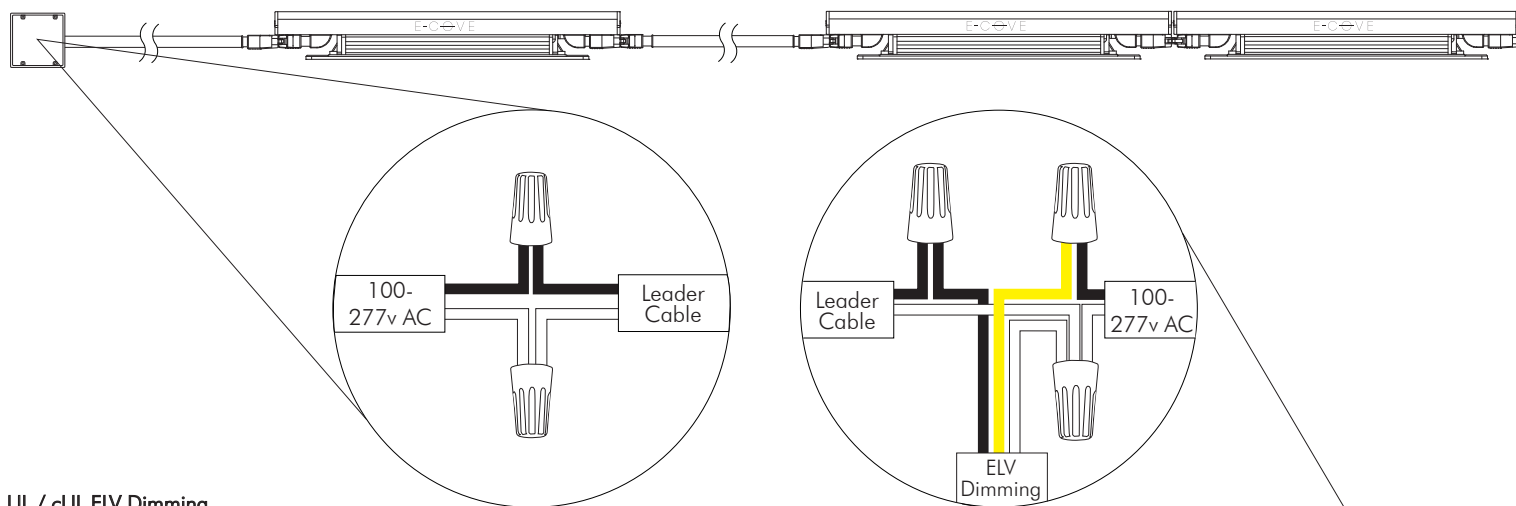
Zone	Lumens	% Lamp	% Fixt
0-30	50.59	N.A.	27.40%
0-40	82.71	N.A.	44.80%
0-60	145.49	N.A.	78.80%
60-90	32.49	N.A.	17.60%
0-90	180.57	N.A.	97.80%
90-180	4.06	N.A.	2.20%
0-180	184.64	N.A.	100%

### LUMENS PER ZONE

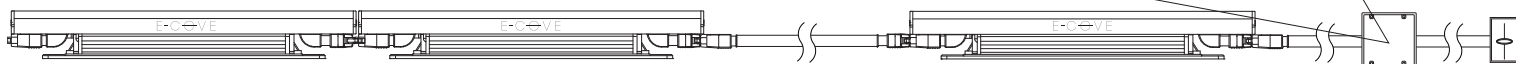
Zone	Lumens	% Total
0-10	6.16	3.34%
10-20	17.68	9.58%
20-30	26.77	14.50%
30-40	32.09	17.38%
40-50	33.16	17.96%
50-60	29.54	16.00%
60-70	21.80	11.81%
70-80	10.72	5.81%
80-90	2.52	1.37%
90-100	1.40	0.76%

### WIRING

#### UL / cUL Non-dimming



#### UL / cUL ELV Dimming



### WIRING LEGEND

UL/cUL	CE/PSE*
<span style="color: black;">—</span> Live 100-277v	<span style="color: brown;">—</span> Live
<span style="color: grey;">—</span> Neutral	<span style="color: blue;">—</span> Neutral
<span style="color: yellow;">—</span> Data	<span style="color: red;">—</span> *not illustrated

### COMPATIBLE DIMMERS

Lutron MAELV-600 (600W)  
 Lutron Skylark SELV-300P (300W)  
 Leviton MNE04 (400W)  
 Lutron DIVA DVELV-300P (300W)  
 Lutron DIVA DVELV-300P (300W)  
 ADJUSTED

### MAX RUN LENGTHS

1ft using 120v AC	100 pcs
1ft using 277v AC	230 pcs

ACCESSORIES



MODA-E-COVE-GRAZE-  
INTERIOR-10FT-  
LEADER-CABLE

Power to First Fixture of Run

Leader Cable	Male Connector
L: 10' (3.05m)	L: 1 4/5" (45mm)
	W: 3/5" (15mm)
	H: 2/5" (11mm)



MODA-E-COVE-GRAZE-  
INTERIOR-25FT-  
LEADER-CABLE

Power to First Fixture of Run

Leader Cable:	Male Connector
L: 25' (8m)	L: 1 4/5" (45mm)
	W: 3/5" (15mm)
	H: 2/5" (11mm)



MODA-E-COVE-GRAZE-  
INTERIOR-1FT-  
JUMPER-CABLE

Connection Between Fixtures

Jumper Cable  
L: 1' (305mm)

Male Connector	Female Connector
L: 1 4/5" (45mm)	L: 1 7/10" (43mm)
W: 3/5" (15mm)	W: 7/10" (19mm)
H: 2/5" (11mm)	H: 7/10" (19mm)



MODA-E-COVE-GRAZE-  
INTERIOR-4FT-  
JUMPER-CABLE

Connection Between Fixtures

Jumper Cable  
L: 4' (1.20m)

Male Connector	Female Connector
L: 1 4/5" (45mm)	L: 1 7/10" (43mm)
W: 3/5" (15mm)	W: 7/10" (19mm)
H: 2/5" (11mm)	H: 7/10" (19mm)



MODA-E-COVE-GRAZE-  
INTERIOR-TERMINATOR

Must be Fixed to Last Fixture for Safety

L: 1 7/10" (42mm)
W: 3/5" (15mm)
H: 2/5" (11mm)



MODA-BRIDGE<sup>1</sup>

Allows User to Convert a 0-10v Dimming Signal into  
an ELV Dimming Signal that Dims Down to 0%

L: 7 3/4" (196.85mm)
W: 4 2/10" (107mm)
H: 1 8/10" (47mm)

STANDARDS & CERTIFICATIONS

Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE & RoHS Compliant.
Class	1
Environment	Dry Location - IP20
Warranty	5 Year Limited Warranty