

modaLIGHT[®]

SPECIFICATION

MODA E-COVE[®] INTERIOR GREEN 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.



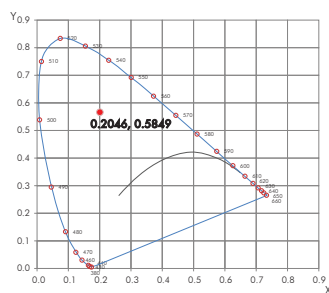
OUTPUT

| | |
|--------------------------|--|
| Delivered Lumens | 154.00 |
| CCT & SDMC | N/A |
| Chromaticity Coordinates | x: 0.2046 y: 0.5849 u: 0.0836 v: 0.5498 |
| Color Bin Tolerance | N/A |
| Efficacy (lm/w) | 25.66 |
| Wavelength | 520nm |
| 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



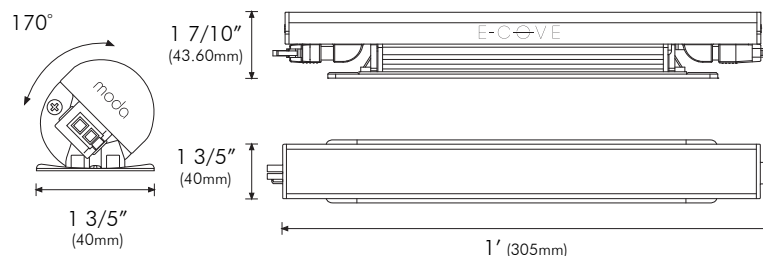
LUMINANCE DATA (cd/sq.m)

| 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 |

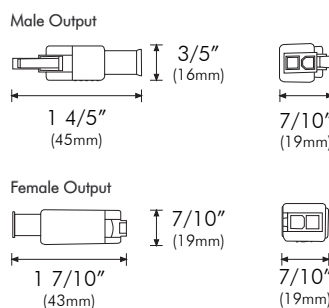
PHYSICAL

| | |
|-----------------------|--|
| 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



MODA TECHNOLOGY

modaCUE™ modaKWIK CONNECT™
modaDRIVER™ modaSOFT™

STANDARDS & CERTIFICATIONS



Project Name:

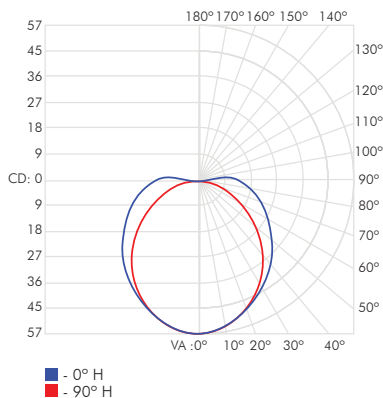
Notes:

ILLUMINANCE AT A DISTANCE

| | Center Beam FC | Beam Width |
|---------|----------------|-----------------|
| 2.0 ft | 19.14 fc | 5.8 ft 5.8 ft |
| 4.0 ft | 4.79 fc | 11.6 ft 11.7 ft |
| 6.0 ft | 2.11 fc | 17.4 ft 17.5 ft |
| 8.0 ft | 1.18 fc | 23.3 ft 29.1 ft |
| 10.0 ft | 6.95 fc | 29.1 ft 29.1 ft |
| 12.0 ft | 0.52 fc | 34.9 ft 35.0 ft |

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

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

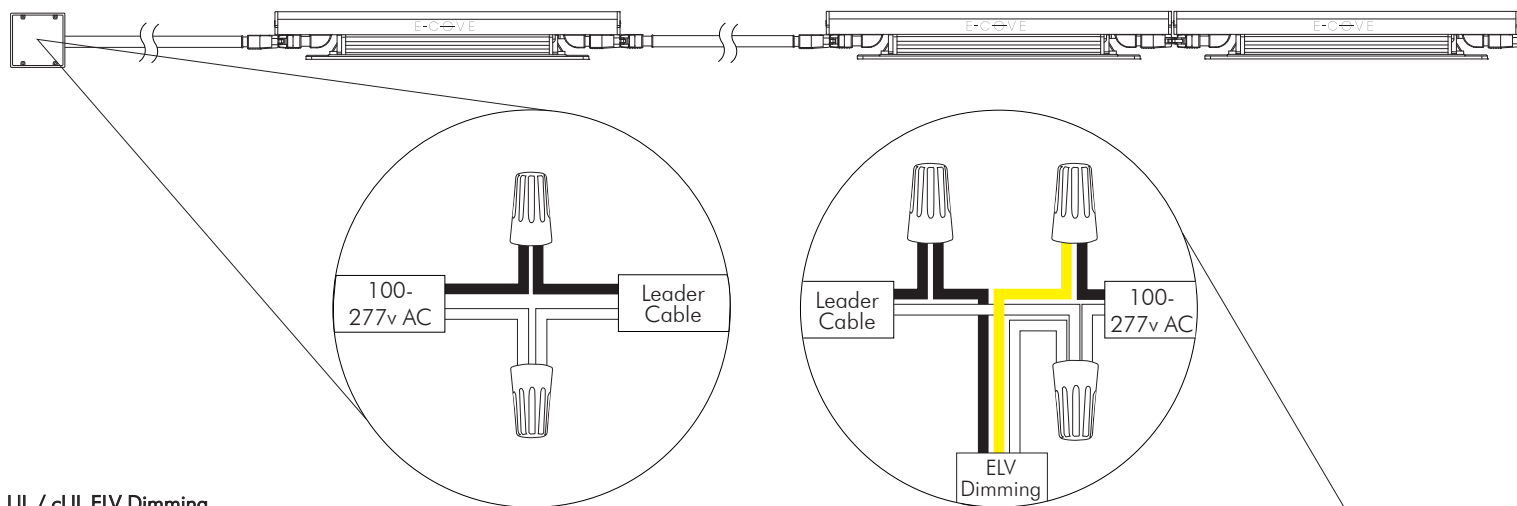
| Zone | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30 | 42.19 | N.A. | 27.40% |
| 0-40 | 68.99 | N.A. | 44.80% |
| 0-60 | 121.35 | N.A. | 78.80% |
| 60-90 | 27.10 | N.A. | 17.60% |
| 0-90 | 150.61 | N.A. | 97.80% |
| 90-180 | 3.38 | N.A. | 2.20% |
| 0-180 | 154.00 | N.A. | 100% |

LUMENS PER ZONE

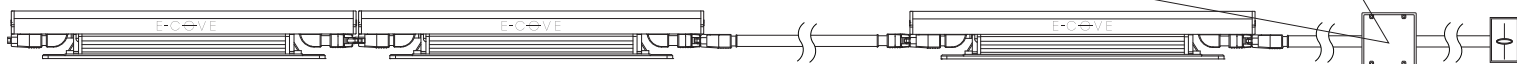
| Zone | Lumens | % Total |
|--------|--------|---------|
| 0-10 | 5.14 | 3.34% |
| 10-20 | 14.75 | 9.58% |
| 20-30 | 22.33 | 14.50% |
| 30-40 | 26.76 | 17.38% |
| 40-50 | 27.65 | 17.96% |
| 50-60 | 24.64 | 16.00% |
| 60-70 | 18.18 | 11.81% |
| 70-80 | 8.94 | 5.81% |
| 80-90 | 2.10 | 1.37% |
| 90-100 | 1.17 | 0.76% |

WIRING

UL / cUL Non-dimming



UL / cUL ELV Dimming



WIRING LEGEND

| UL/cUL | CE/PSE* |
|--|--|
| — Live 100-277v | — Live |
| — Neutral | — Neutral |
| — Data | — *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-BRIDGE¹

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 |