

# modaLIGHT<sup>®</sup>

## SPECIFICATION

# MODA COVE RS INTERIOR

## HO 2700K HCRI 1FT

**Line Voltage LED Linear Fixture.** High output solid state linear system with integral 100-277v AC power supply. Fully dimmable with 0-10v dimmers. Connect up to 50 feet of product using the quick connect modular connections that come with each fixture. Adjustable mounting bracket allows for easy adjustment when directing the light source. No color over angle, uniform light with no dead spots.



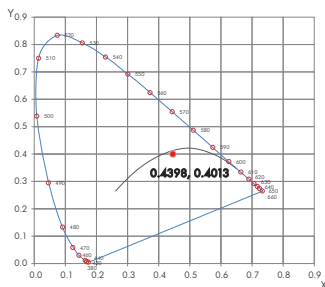
### OUTPUT

Delivered Lumens	1020.21
CCT & SDMC	2700k - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.4398 y: 0.4013 u: 0.2555 v: 0.5284
Color Bin Tolerance	Single Bin
Efficacy (lm/w)	72.87
CRI	90
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	14w per ft (0.11A)
Power Factor	≥ 0.98
Dimming	0-10v Dimming Control
Emergency	N/A

### CIE 1931 CHROMATICITY DIAGRAM



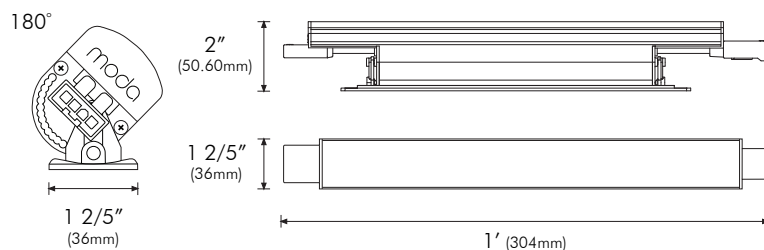
### R VALUES

R1	R2	R3	R4	R5
93	92	90	93	93
R6	R7	R8	R9	R10
92	90	91	91	92
R11	R12	R13	R14	R15
92	90	93	92	92

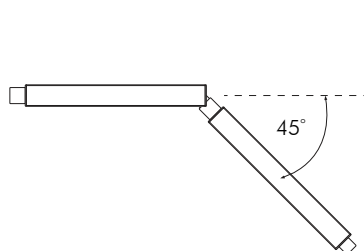
### PHYSICAL

Applications	Cove, Accent & Indirect General Illumination
Dimensions	Length 1' (304mm) Width 1 2/5" (36mm) Height 2" (50.60mm)
Weight	14.40oz (408g)
Construction	Pure Aluminum Fine Brushed Finish, Polycarbonate Lens
Thermal Management	MODA Aluminum Heat Sink
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

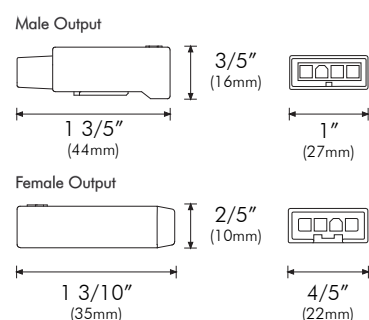
### DIMENSIONS



### ANGLE ADJUSTMENT



### CONNECTOR DIMENSIONS



Project Name:

Notes:

### MODA TECHNOLOGY

modaBIN™ modaPHOSPHOR™  
modaDRIVER™ modaSOFT™  
modaLOCK™ modaKWIK CONNECT™  
modaHIGH CRI modaTHERMAL MANAGEMENT™

### STANDARDS & CERTIFICATIONS



Due to continuous improvements and innovations, specifications may change without notice. Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installations. All rights reserved. E&OE.

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## SPECIFICATION

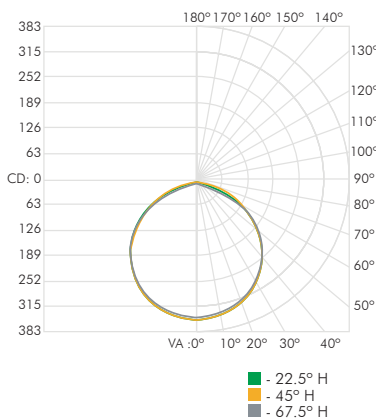
MODA COVE RS INTERIOR  
HO 2700K HCRI 1FT

### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	94.46 fc	8.9 ft 5.6 ft
4.0 ft	23.61 fc	18.1 ft 11.3 ft
6.0 ft	11.80 fc	27.0 ft 16.9 ft
8.0 ft	5.90 fc	36.1 ft 22.5 ft
10.0 ft	2.95 fc	45.1 ft 28.2 ft
12.0 ft	2.36 fc	54.1 ft 33.8 ft

Vert. Spread: 200°  
Horiz. Spread: 120°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

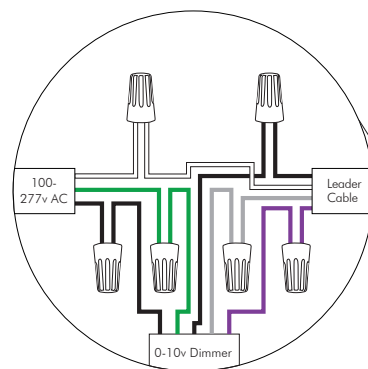
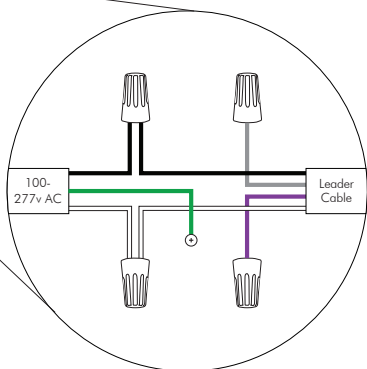
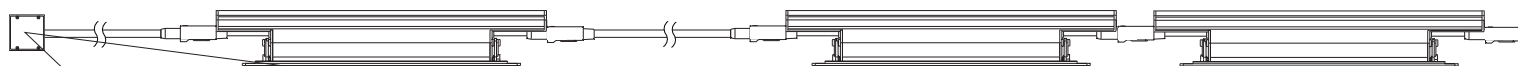
Zone	Lumens	% Lamp	% Fixt
0-30	906.96	N.A.	88.90%
0-40	955.93	N.A.	93.70%
0-60	1000.82	N.A.	98.10%
60-90	17.34	N.A.	1.70%
0-90	1020.21	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1020.21	N.A.	100%

### LUMENS PER ZONE

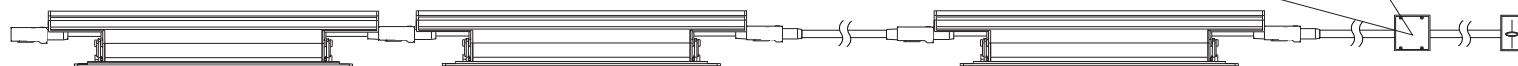
Zone	Lumens	% Total
0-10	474.39	46.50%
10-20	324.42	31.80%
20-30	108.14	10.60%
30-40	47.94	4.70%
40-50	28.56	2.80%
50-60	16.32	1.60%
60-70	11.22	1.10%
70-80	6.12	0.60%
80-90	2.04	0.20%
90-100	0.00	0.00%

### WIRING

#### UL / cUL Non-dimming



#### 0-10v Dimming



### WIRING LEGEND

UL / cUL		0-10v		CE/PSE*	
Ground	Green	Ground	Green	Ground	Green
Live 100-277v	Black	Live 100-277v	Black	Live 100-277v	Brown
Neutral	Grey	Neutral	Grey	Neutral	Blue
Data	Purple	Data	Purple	Data	Purple

\*not illustrated

### MAX RUN LENGTHS

1ft using 120v AC	50 pcs
1ft using 277v AC	50 pcs

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ACCESSORIES



MODA-COVE-GRAZE-RS  
LEADER-CABLE

Power to First Fixture of Run

Leader Cable	Connector
L: 10' (3.05m)	L: 1 2/5" (35mm)
	W: 1 1/10" (27mm)
	H: 2/5" (10mm)



MODA-COVE-GRAZE-RS  
JUMPER-CABLE

Connection Between Fixtures

Jumper Cable:	Connector
L: 1' (305mm)	L: 1 7/10" (43mm)
	W: 1 1/10" (27mm)
	H: 3/5" (15mm)



MODA-COVE-GRAZE-RS  
END-CAP

Must be Fixed to Last Fixture for Safety

L: 1 7/10" (43mm)  
W: 1 1/10" (27mm)  
H: 3/5" (15mm)

STANDARDS & CERTIFICATIONS

<b>Certification</b>	Tested to UL & CSA by Intertek For Use in USA & CANADA. Complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377-2015, CE & RoHS Compliant.
<b>Class</b>	1
<b>Environment</b>	Dry Location - IP20
<b>Warranty</b>	5 Year Limited Warranty

# moda**LIGHT**<sup>®</sup>

## SPECIFICATION

SKU GUIDE: MODA-A-B-C-D-E-F-G-H-I

MODA - COVE-RS - INTERIOR - \_\_\_\_\_ - S1 - S - \_\_\_\_\_ - HCRI 1FT

COMPLETE SAMPLE SKU: MODA-COVE-RS-INT-HO-S1-S-27K-HCRI-1FT

### A - FIXTURE

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COVE-RS — Fixture with no optic option

### F - LED COLOR

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27K — 2700K  
3K — 3000K  
4K — 4000K

### B - LOCATION

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INT — Fixture for dry location use

### G - COLOR RENDERING INDEX (CRI)

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HCRI — High CRI

### C - LIGHT OUTPUT

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SO — Standard Output  
HO — High Output

### H - LENGTH

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1FT — 1 foot

### D - SERIES NUMBER

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S1 — Series 1

### E - PRODUCT FINISH

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S — Silver

### I - OPTICS

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*Only available for Moda Graze RS.*