

modaLIGHT[®]

SPECIFICATION

MODA E-COVE[®] INTERIOR DYNAMIC WHITE HCRI 1FT



Line Voltage LED Linear System.

E-COVE Dynamic White Series enables the designer to tune the ambience of any space from colors of 2200K to 6500K. MODA's standard High CRI of 96-98 ensures the environment is illuminated with the very best in white light illumination. Dynamic White has a CCT range from 2200K-6500K for full range of white light color options.

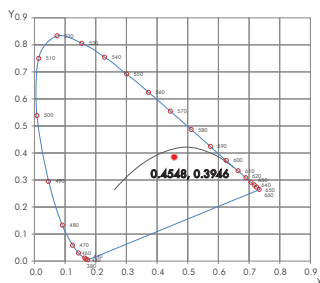
OUTPUT

Delivered Lumens	459.00
CCT & SDMC	2200K - 6500K
Chromaticity Coordinates	x: 0.4548 y: 0.3946 u: 0.2619 v: 0.3485
Color Bin Tolerance	N/A
Efficacy (lm/w)	86.60
CRI	98
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	5.30w (0.04A)
Power Factor	≥ 0.96
Dimming	DMX 512
Emergency	N/A

CIE 1931 CHROMATICITY DIAGRAM



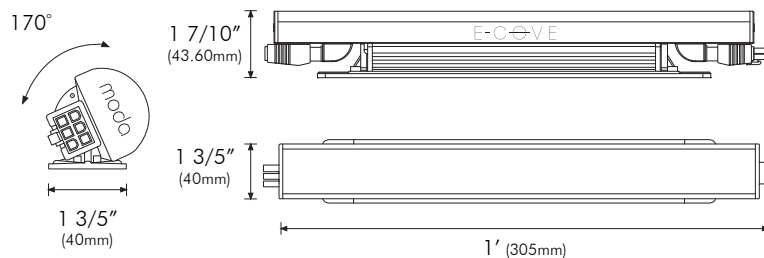
R VALUES (TYPICAL)

R1	R2	R3	R4	R5
99	94	97	98	99
R6	R7	R8	R9	R10
96	97	95	93	97
R11	R12	R13	R14	R15
97	90	95	97	98

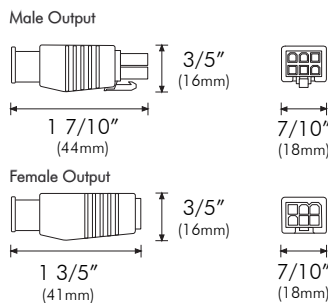
PHYSICAL

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

modaCOMMUNICATE™ modaHIGH CRI
modaCUE™ modaKWIK CONNECT™
modaDMX™ modaSOFT™

STANDARDS & CERTIFICATIONS



Project Name:

Notes:

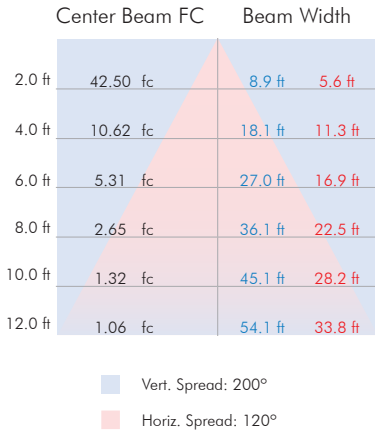
Due to continuous improvements and innovations, specifications may change without notice. Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installations. All rights reserved. E&OE.

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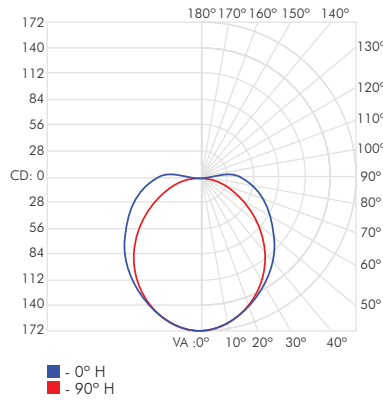
modaLIGHT[®] SPECIFICATION

MODA E-COVE[®] INTERIOR
DYNAMIC WHITE HCRI 1FT

ILLUMINANCE AT A DISTANCE



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

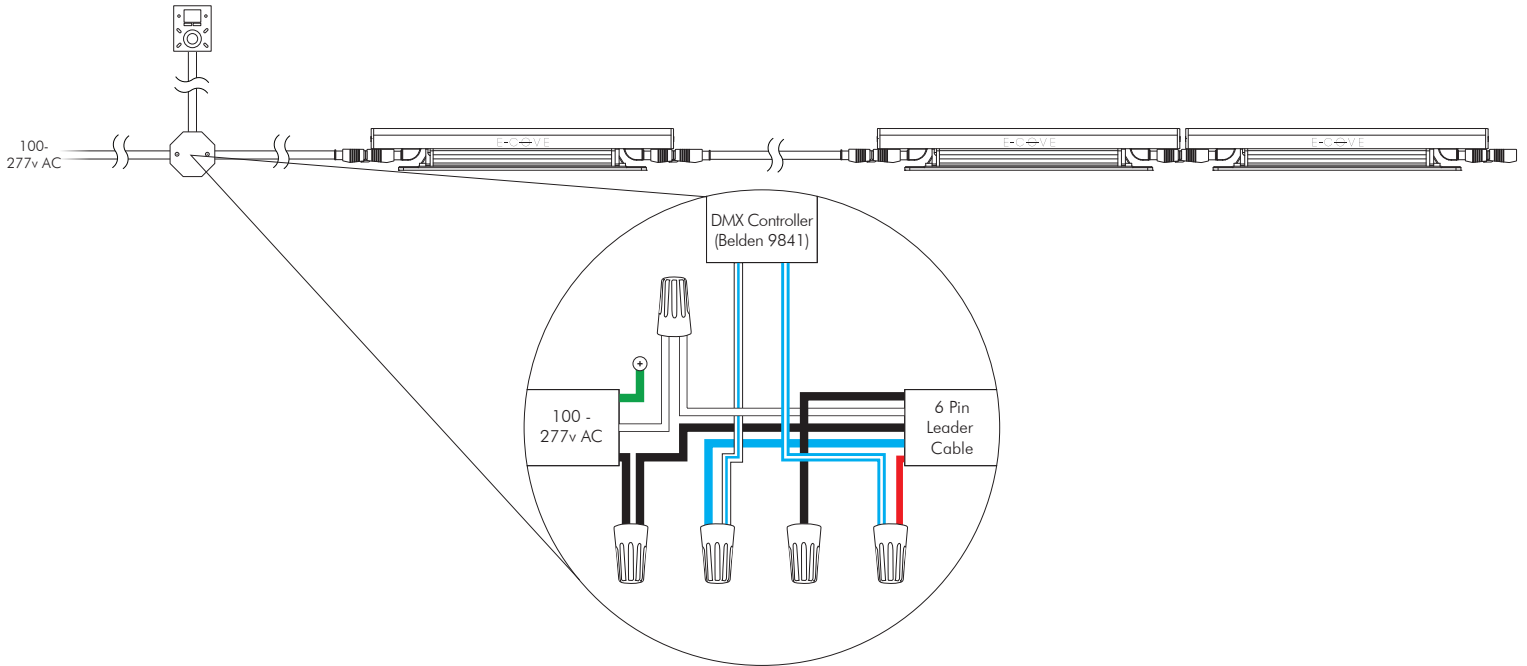
Zone	Lumens	% Lamp	% Fixt
0-30	125.76	N.A.	27.40%
0-40	205.63	N.A.	44.80%
0-60	361.69	N.A.	78.80%
60-90	80.78	N.A.	17.60%
0-90	448.90	N.A.	97.80%
90-180	10.09	N.A.	2.20%
0-180	459.00	N.A.	100%

LUMENS PER ZONE

Zone	Lumens	% Total
0-10	15.33	3.34%
10-20	43.97	9.58%
20-30	66.55	14.50%
30-40	79.77	17.38%
40-50	82.43	17.96%
50-60	73.44	16.00%
60-70	54.20	11.81%
70-80	26.66	5.81%
80-90	6.28	1.37%
90-100	3.48	0.76%

WIRING

Single Run DMX Wiring



WIRING LEGEND

6 PIN LEADER CABLE	DMX CONTROLLER	POWER (100-277v AC)
█ Power Positive (AWG18)	█ Positive	█ Positive
█ Power Negative (AWG18)	▬ Negative	█ Negative
█ Ground (AWG18)		█ Ground
█ DMX Positive		
█ DMX Negative		

MAX RUN LENGTHS

1ft using 120v AC	80 pcs
1ft using 277v AC	80 pcs

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ACCESSORIES



MODA-E-COVE-GRAZE- INTERIOR-6PIN-10FT- LEADER-CABLE

Power to First Fixture of Run

Leader Cable
L: 10' (3.05m)

Male Connector
L: 1 7/10" (44mm)
W: 7/10" (18mm)
H: 3/5" (16mm)



MODA-E-COVE-GRAZE- INTERIOR-6PIN-25FT- LEADER-CABLE

Power to First Fixture of Run

Leader Cable
L: 50' (15.24m)

Male Connector
L: 1 7/10" (44mm)
W: 7/10" (18mm)
H: 3/5" (16mm)



MODA-E-COVE-GRAZE- INTERIOR-6PIN-1FT- JUMPER-CABLE

Connection Between Fixtures

Jumper Cable
L: 1' (305mm)

Male Connector
L: 1 7/10" (44mm)
W: 7/10" (18mm)
H: 3/5" (16mm)

Female Connector
L: 1 3/5" (41mm)
W: 7/10" (18mm)
H: 3/5" (16mm)



MODA-E-COVE-GRAZE- INTERIOR-6PIN-4FT- JUMPER-CABLE

Connection Between Fixtures

Jumper Cable
L: 4' (1.20m)

Male Connector
L: 1 7/10" (44mm)
W: 7/10" (18mm)
H: 3/5" (16mm)

Female Connector
L: 1 3/5" (41mm)
W: 7/10" (18mm)
H: 3/5" (16mm)



MODA-E-COVE-GRAZE- INTERIOR-6PIN-TERMINATOR

Must be Fixed to Last Fixture for Safety

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



BDL-9841-500FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 500' (152.40m)



BDL-9841-1000FT

RS-458 Cable for DMX
24 AWG stranded TC conductors
polyethylene insulation

L: 1000' (304.80m)



KANDI-TOUCH-BLACK / KANDI-TOUCH-WHITE

DMX 512 Controller

L: 4 1/5" (106mm)
W: 5 7/10" (146mm)
H: 2/5" (11mm)

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	3 Year Limited Warranty

ORDERING

SKU: MECI-SO-S1-W-DW-H-1