

# modaLIGHT<sup>®</sup>

## SPECIFICATION

## MODA E-GRAZE<sup>®</sup> INTERIOR 4000K HCRI 1FT

### Line Voltage LED Linear System.

E-GRAZE is a wall wash/graze Lighting System. Powerful, delivering 480 lm/ft and discreet with a height of just 1 7/10" (43.6mm). Integral 30°x100° optics graze up to 15ft. 0% Synchronized dimming. CRI 96-98. R1-15 >90. 100-277v Universal Input. Achieve long runs of up to 230ft (277v). 6w power consumption. 2 Step MacAdam Ellipse. No color over angle, no striations, no dark spots. Cool to the touch.



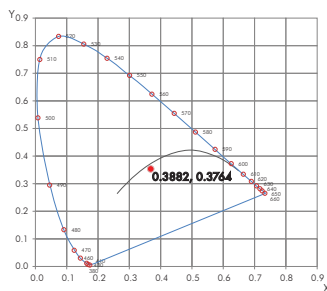
### OUTPUT

Delivered Lumens	480.24
CCT & SDMC	4000k - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3882 y: 0.3764 u: 0.2226 v: 0.5022
Color Bin Tolerance	Single Bin
Efficacy (lm/w)	80.04
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	6w (0.05A)
Power Factor	≥ 0.96
Dimming	Electronic Low Voltage Reverse Phase Trailing Edge
Emergency	N/A

### CIE 1931 CHROMATICITY DIAGRAM



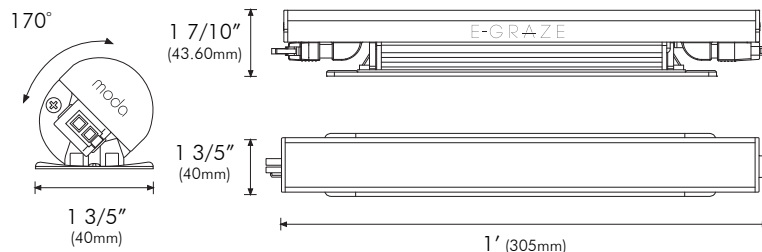
### R VALUES

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

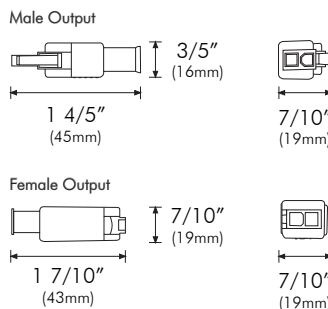
### PHYSICAL

Applications	Grazer, 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	30° x 100°
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

modaBIN™	modaKWIK CONNECT™
modaCUE™	modaLINEAR OPTIC™
modaDRIVER™	modaPHOSPHOR™
modaHIGH CRI	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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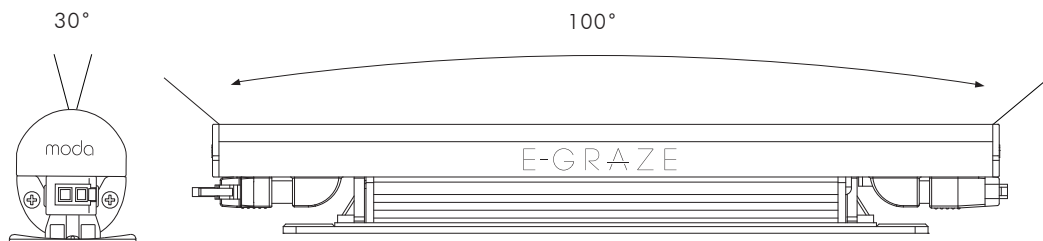
# modaLIGHT<sup>®</sup>

## SPECIFICATION

MODA E-GRAZE<sup>®</sup> INTERIOR  
4000K HCRI 1FT

### 30° x 100° BEAM ANGLE

Lumens	480.24
Efficacy (120v)	80.04

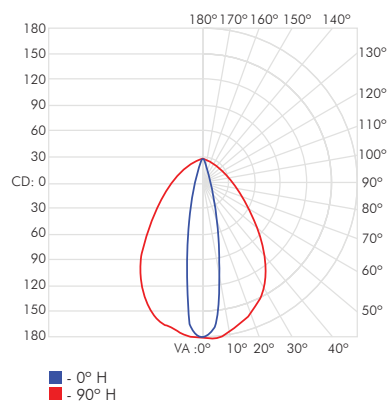


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	44.46 fc	5.8 ft 5.9 ft
4.0 ft	11.11 fc	11.6 ft 11.8 ft
6.0 ft	5.55 fc	17.4 ft 17.8 ft
8.0 ft	2.77 fc	23.1 ft 23.7 ft
10.0 ft	1.38 fc	28.9 ft 29.6 ft
12.0 ft	1.11 fc	34.7 ft 35.5 ft

Vert. Spread: 110.70°  
Horiz. Spread: 111.90°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

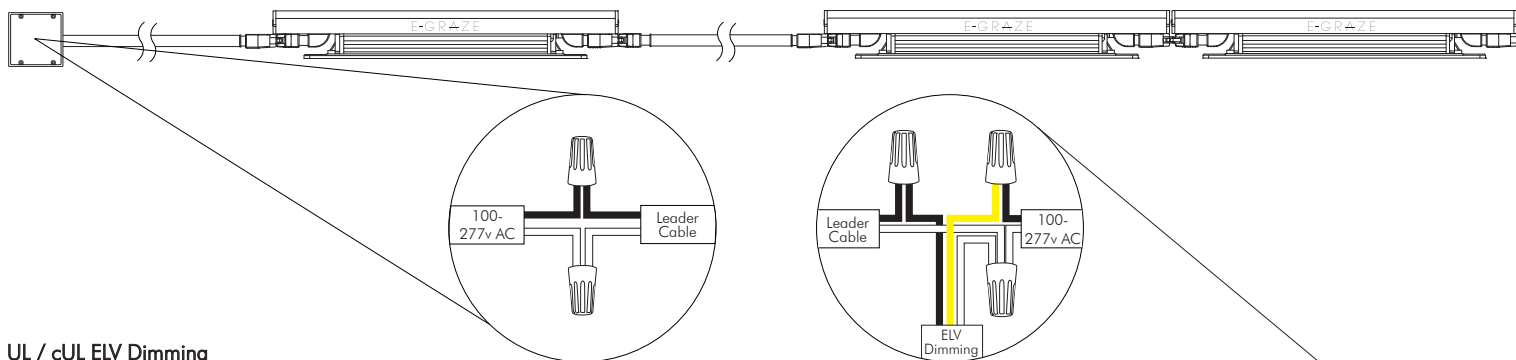
Zone	Lumens	% Lamp	% Fixt
0-30	131.58	N.A.	27.40%
0-40	215.14	N.A.	44.80%
0-60	378.42	N.A.	78.80%
60-90	84.52	N.A.	17.60%
0-90	469.67	N.A.	97.80%
90-180	10.56	N.A.	2.20%
0-180	480.24	N.A.	100%

### LUMENS PER ZONE

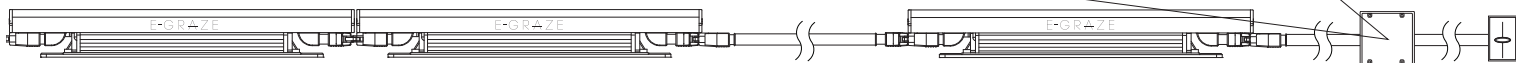
Zone	Lumens	% Total
0-10	16.04	3.34%
10-20	46.00	9.58%
20-30	69.63	14.50%
30-40	83.46	17.38%
40-50	86.25	17.96%
50-60	76.83	16.00%
60-70	56.71	11.81%
70-80	27.90	5.81%
80-90	6.57	1.37%
90-100	3.64	0.76%

## 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-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