

# modaLIGHT<sup>®</sup>

## SPECIFICATION

## MODA GRAZE RS INTERIOR HO 4000K 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. Choose your grazing option with a wealth of different optics to choose from.



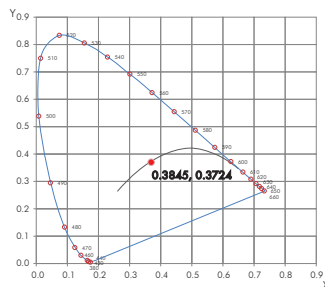
### OUTPUT

Delivered Lumens	1336.13 - 1386.13
CCT & SDMC	4000k - 2 Step MacAdam Ellipse
Chromaticity Coordinates	x: 0.3845 y: 0.3724 u: 0.2213 v: 0.3309
Color Bin Tolerance	Single Bin
Efficacy (lm/w)	95.43 - 99.00
CRI	93
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	≥ 0.85
Dimming	0-10v Dimming Control
Emergency	N/A

### CIE 1931 CHROMATICITY DIAGRAM



### R VALUES

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

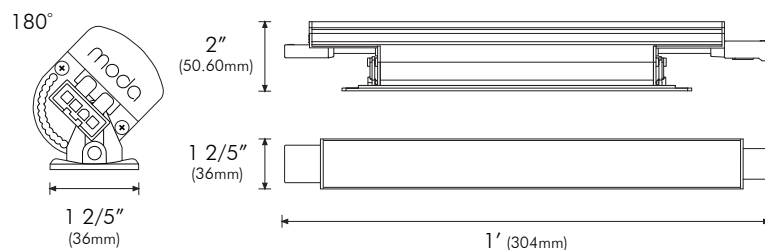
Project Name:

Notes:

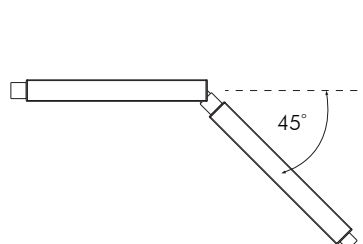
### PHYSICAL

Applications	Grazer, Accent & Indirect General Illumination
Dimensions	Length 1' (304mm) Width 1 2/5" (36mm) Height 2" (50.60mm)
Weight	14.4oz (408g)
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens
Thermal Management	MODA Aluminum Heat Sink
Optics	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, 30°x60°x5°
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

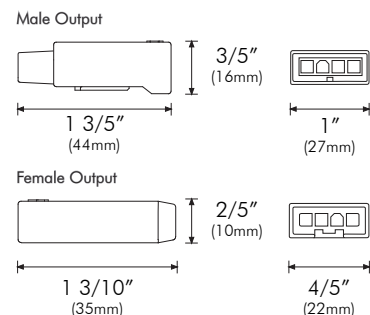
### DIMENSIONS



### ANGLE ADJUSTMENT



### CONNECTOR DIMENSIONS



### MODA TECHNOLOGY

modaBIN™ modaPHOSPHOR™  
modaDRIVER™ modaSOFT™  
modaLOCK™ modaKWIK CONNECT™  
modaOPTIC™ modaTHERMOPLASTICS™  
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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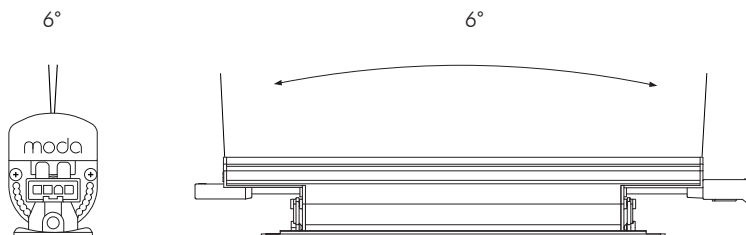
# modaLIGHT<sup>®</sup>

## SPECIFICATION

MODA GRAZE RS INTERIOR  
HO 4000K HCRI 1FT

### 6° BEAM ANGLE

Lumens	1386.13
Efficacy (lm/w)	99.00

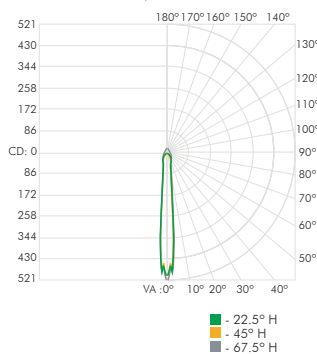


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	128.34 fc	5.7 ft 5.6 ft
4.0 ft	32.08 fc	11.3 ft 11.3 ft
6.0 ft	16.04 fc	17.0 ft 16.9 ft
8.0 ft	8.02 fc	22.7 ft 22.5 ft
10.0 ft	4.01 fc	28.3 ft 28.2 ft
12.0 ft	3.20 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

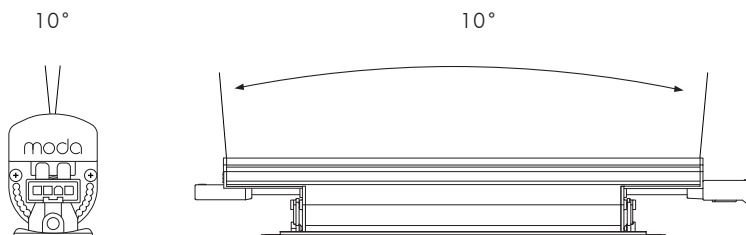
Zone	Lumens	% Lamp	% Fixt
0-30	1232.26	N.A.	88.90%
0-40	1298.80	N.A.	93.70%
0-60	1359.79	N.A.	98.10%
60-90	23.56	N.A.	1.70%
0-90	1386.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1386.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	644.55	46.50%
10-20	440.78	31.80%
20-30	146.92	10.60%
30-40	65.14	4.70%
40-50	38.81	2.80%
50-60	22.17	1.60%
60-70	15.24	1.10%
70-80	8.31	0.60%
80-90	2.77	0.20%
90-100	0.00	0.00%

### 10° BEAM ANGLE

Lumens	1374.13
Efficacy (lm/w)	98.15

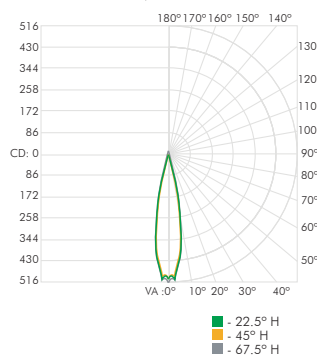


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	127.23 fc	5.7 ft 5.6 ft
4.0 ft	31.80 fc	11.3 ft 11.3 ft
6.0 ft	15.90 fc	17.0 ft 16.9 ft
8.0 ft	7.95 fc	22.7 ft 22.5 ft
10.0 ft	3.97 fc	28.3 ft 28.2 ft
12.0 ft	3.18 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	1221.60	N.A.	88.90%
0-40	1287.55	N.A.	93.70%
0-60	1348.02	N.A.	98.10%
60-90	23.36	N.A.	1.70%
0-90	1374.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1374.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	638.97	46.50%
10-20	436.97	31.80%
20-30	145.65	10.60%
30-40	64.58	4.70%
40-50	38.47	2.80%
50-60	21.98	1.60%
60-70	15.11	1.10%
70-80	8.24	0.60%
80-90	2.74	0.20%
90-100	0.00	0.00%

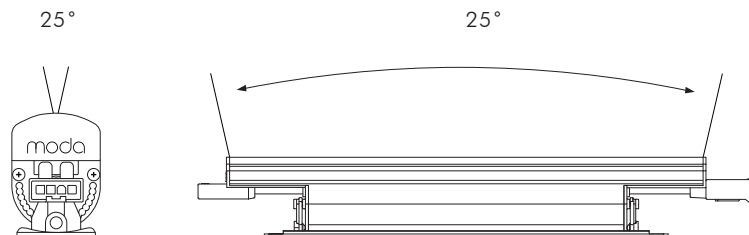
# modaLIGHT<sup>®</sup>

## SPECIFICATION

MODA GRAZE RS INTERIOR  
HO 4000K HCRI 1FT

### 25° BEAM ANGLE

Lumens	1360.13
Efficacy (lm/w)	97.15

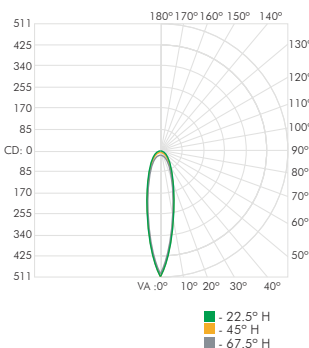


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	125.93 fc	5.7 ft 5.6 ft
4.0 ft	31.48 fc	11.3 ft 11.3 ft
6.0 ft	15.74 fc	17.0 ft 16.9 ft
8.0 ft	7.87 fc	22.7 ft 22.5 ft
10.0 ft	3.93 fc	28.3 ft 28.2 ft
12.0 ft	3.14 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

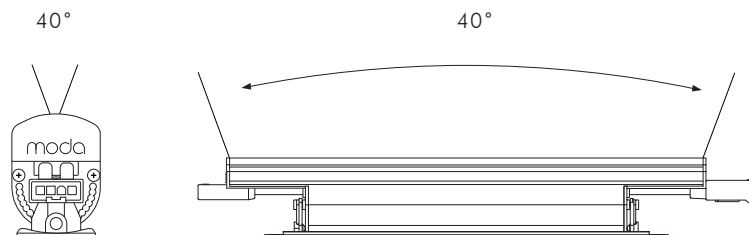
Zone	Lumens	% Lamp	% Fixt
0-30	1209.15	N.A.	88.90%
0-40	1274.44	N.A.	93.70%
0-60	1334.28	N.A.	98.10%
60-90	23.12	N.A.	1.70%
0-90	1360.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1360.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	632.46	46.50%
10-20	432.52	31.80%
20-30	144.17	10.60%
30-40	63.92	4.70%
40-50	38.08	2.80%
50-60	21.76	1.60%
60-70	14.96	1.10%
70-80	8.16	0.60%
80-90	2.72	0.20%
90-100	0.00	0.00%

### 40° BEAM ANGLE

Lumens	1350.13
Efficacy (lm/w)	96.43

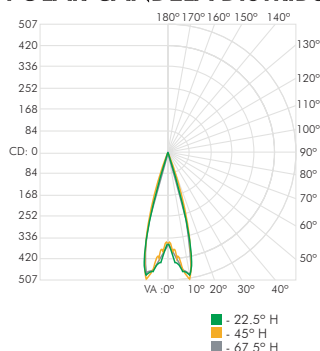


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	125.01 fc	5.7 ft 5.6 ft
4.0 ft	31.25 fc	11.3 ft 11.3 ft
6.0 ft	15.62 fc	17.0 ft 16.9 ft
8.0 ft	7.81 fc	22.7 ft 22.5 ft
10.0 ft	3.90 fc	28.3 ft 28.2 ft
12.0 ft	3.12 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	1200.26	N.A.	88.90%
0-40	1265.07	N.A.	93.70%
0-60	1324.47	N.A.	98.10%
60-90	22.95	N.A.	1.70%
0-90	1350.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1350.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	627.81	46.50%
10-20	429.34	31.80%
20-30	143.11	10.60%
30-40	63.45	4.70%
40-50	37.80	2.80%
50-60	21.60	1.60%
60-70	14.85	1.10%
70-80	8.10	0.60%
80-90	2.70	0.20%
90-100	0.00	0.00%

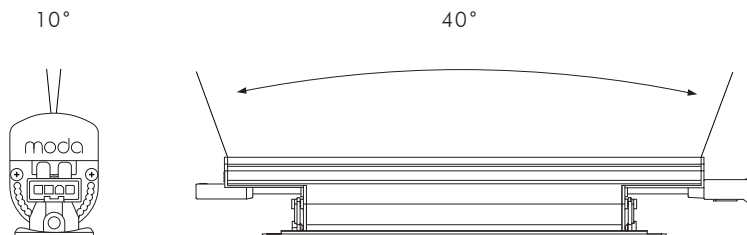
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## SPECIFICATION

MODA GRAZE RS INTERIOR  
HO 4000K HCRI 1FT

### 10° x 40° BEAM ANGLE

Lumens	1341.13
Efficacy (lm/w)	95.79

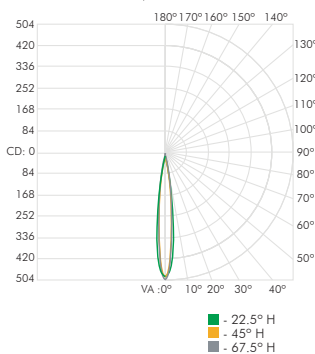


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	124.17 fc	5.7 ft 5.6 ft
4.0 ft	31.04 fc	11.3 ft 11.3 ft
6.0 ft	15.52 fc	17.0 ft 16.9 ft
8.0 ft	7.76 fc	22.7 ft 22.5 ft
10.0 ft	3.88 fc	28.3 ft 28.2 ft
12.0 ft	3.10 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

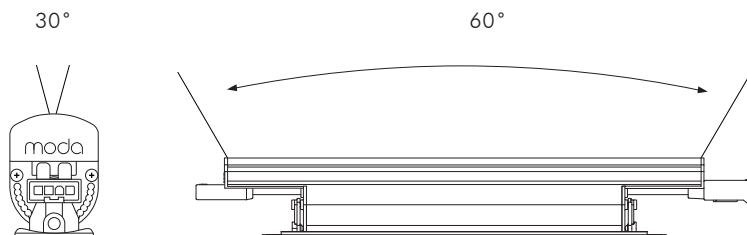
Zone	Lumens	% Lamp	% Fixt
0-30	1192.26	N.A.	88.90%
0-40	1256.63	N.A.	93.70%
0-60	1315.64	N.A.	98.10%
60-90	22.79	N.A.	1.70%
0-90	1341.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1341.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	623.62	46.50%
10-20	426.47	31.80%
20-30	142.15	10.60%
30-40	63.03	4.70%
40-50	37.55	2.80%
50-60	21.45	1.60%
60-70	14.75	1.10%
70-80	8.04	0.60%
80-90	2.68	0.20%
90-100	0.00	0.00%

### 30° x 60° BEAM ANGLE

Lumens	1338.13
Efficacy (lm/w)	95.58

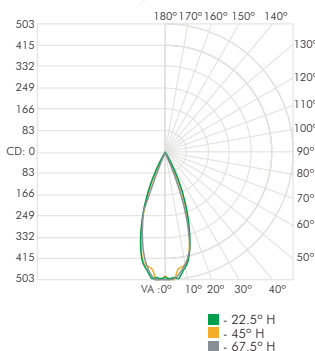


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	123.90 fc	5.7 ft 5.6 ft
4.0 ft	30.97 fc	11.3 ft 11.3 ft
6.0 ft	15.48 fc	17.0 ft 16.9 ft
8.0 ft	7.74 fc	22.7 ft 22.5 ft
10.0 ft	3.87 fc	28.3 ft 28.2 ft
12.0 ft	3.09 fc	34.0 ft 33.8 ft

■ Vert. Spread: 109.6°  
■ Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0-30	1189.59	N.A.	88.90%
0-40	1253.82	N.A.	93.70%
0-60	1312.70	N.A.	98.10%
60-90	22.74	N.A.	1.70%
0-90	1338.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1338.13	N.A.	100.00%

### LUMENS PER ZONE

Zone	Lumens	% Total
0-10	622.23	46.50%
10-20	425.52	31.80%
20-30	141.84	10.60%
30-40	62.89	4.70%
40-50	37.46	2.80%
50-60	21.41	1.60%
60-70	14.71	1.10%
70-80	8.02	0.60%
80-90	2.67	0.20%
90-100	0.00	0.00%

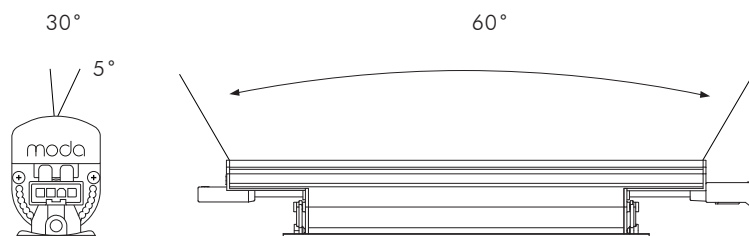
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## SPECIFICATION

MODA GRAZE RS INTERIOR  
HO 4000K HCRI 1FT

30° x 60° x 5° BEAM ANGLE

Lumens	1336.13
Efficacy (lm/w)	95.43

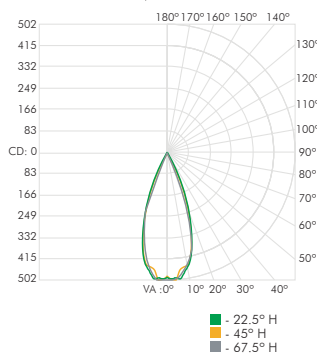


### ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
2.0 ft	123.71 fc	5.7 ft 5.6 ft
4.0 ft	30.92 fc	11.3 ft 11.3 ft
6.0 ft	15.46 fc	17.0 ft 16.9 ft
8.0 ft	7.73 fc	22.7 ft 22.5 ft
10.0 ft	3.86 fc	28.3 ft 28.2 ft
12.0 ft	3.09 fc	34.0 ft 33.8 ft

Vert. Spread: 109.6°  
 Horiz. Spread: 109.3°

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

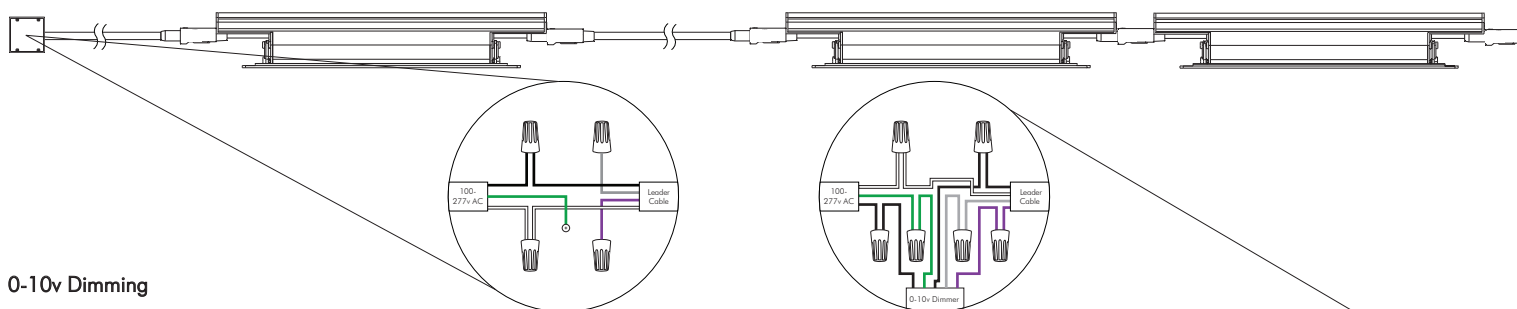
Zone	Lumens	% Lamp	% Fixt
0-30	1187.81	N.A.	88.90%
0-40	1251.95	N.A.	93.70%
0-60	1310.74	N.A.	98.10%
60-90	22.71	N.A.	1.70%
0-90	1336.13	N.A.	100%
90-180	0.00	N.A.	0.00%
0-180	1336.13	N.A.	100.00%

### LUMENS PER ZONE

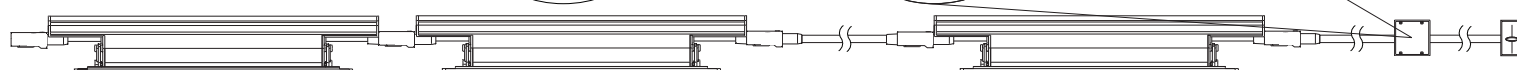
Zone	Lumens	% Total
0-10	621.30	46.50%
10-20	424.88	31.80%
20-30	141.62	10.60%
30-40	62.79	4.70%
40-50	37.41	2.80%
50-60	21.37	1.60%
60-70	14.69	1.10%
70-80	8.01	0.60%
80-90	2.67	0.20%
90-100	0.00	0.00%

## WIRING

### UL / cUL Non-dimming



### 0-10v Dimming



### WIRING LEGEND

UL / cUL	0-10v	CE/PSE*
Ground	Ground	Ground
Live 100-277v	Live 100-277v	Live 100-277v
Neutral	Neutral	Neutral
Data	Data	Data

### MAX RUN LENGTHS

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

\*not illustrated

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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

Certification	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.
Class	1
Environment	Dry Location- IP20
Warranty	5 Year Limited Warranty

# moda**LIGHT**<sup>®</sup>

## SPECIFICATION

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

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

COMPLETE SAMPLE SKU: MODA-GRAZE-RS-INT-HO-S1-S-4K-HCRI-1FT-6

### A - FIXTURE

GRAZE-RS — Fixture with options

### F - LED COLOR

27K — 2700K  
3K — 3000K  
4K — 4000K

### B - LOCATION

INT — Fixture for dry location use

### G - COLOR RENDERING INDEX (CRI)

HCRI — High CRI

### C - LIGHT OUTPUT

SO — Standard Output  
HO — High Output

### H - LENGTH

1FT — 1 foot

### D - SERIES NUMBER

S1 — Series 1

### E - PRODUCT FINISH

S — Silver

### I - OPTICS

6 — 6° 140 — 10° x 40°  
10 — 10° 360 — 30° x 60°  
25 — 25° 365 — 30° x 60° x 5°  
40 — 40°