



Client:	Project Name:		
MODA Contact:	E-Mail:		
Туре:		PO#:	Quantity:
Notes:			



Specification Grade Premium Interior Graze Fixture.

MODA GRAZE Interior is a new patent pending wall grazing lighting system designed for interior applications. Utilizing MODA's latest software and dimming technology with its onboard dimming chipset and MODA firmware, this series can dim to 0% smoothly without any flicker or noise and simultaneously synchronize dim with every fixture. Electronic Low Voltage dimming has no minimum run lengths. With MODA's methods of precision and high standards of work, MODA achieves perfect illumination. Color Rendering Index is at a MODA standard of 94-98. R1 - R15 values are in excess of 90. No striations, no color over angle, and no dark spots.

Small in physical size, yet powerful with up to 1200 lm/ft. Wall wash any applications with a choice of 6°, 10°, 25°, 40°, 10°x40°, 30°x60°, or 30°x60°x5° beam patterns for SO+ and HO, or 30°x100° for LO, SO or HO+ Lumen packages. Standard color temperatures available are 2200K, 2700K, 3000K, 3500K, and 4000K. Other CCT are available by request. 100-277V, 50/60Hz power input allows these fixtures to be installed anywhere in the world. New patent pending locking bracket rotates 180° for a multitude of light directions. Rugged aluminum design. Protected from corrosion and harsh weather conditions by MODA GUARD—a tough seal which protects the fixture. Fast installation is achieved with MODA KWIK CONNECT plugs and install-integral thumb latch connectors. Choice of five lumen packages ranging from 300 lm/ft to 1200 lm/ft. Available in 1ft & 4ft sections. Series is designed for driver or light engine to be factory replaced at its end of life or recycled.

Designed and developed in Las Vegas, USA by MODA



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PHYSICAL

Lengths	1ft & 4ft sections available
Applications	Graze, Accent & Indirect General
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens
Ingress Protection	Dry/Damp Location IP44
Thermal Management	MODA Aluminum Heat Sink
Beam Angle	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, 30°x60°x5°, or 30°x100° optic options
Fixture Connections	Integral Male & Female Connectors
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

OUTPUT

CCT & SDCM	2200K, 2700K, 3000K, 3500K, 4000K 2 Step MacAdam Ellipse
Color Bin Tolerance	Single Bin
CRI	94 - 98
Lumen Maintenance	90,000 Hours L50 @ 25°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
Dimming	Electronic Low Voltage Reverse Phase Trailing Edge
Power Factor	≥ 0.98
Emergency	N/A

BEAM ANGLES

	LO	SO	SO+	НО	HO+
6°			•	•	
10°			•	•	_
25°			•	•	
40°			•	•	
10°x40°			•	•	
30°x60°			•	•	
30°x60°x5°			•	•	
30°x100°	•	•			•

CCT

.						
		LO	SO	SO+	НО	HO+
	22K	•	•			*
	27K	•	•	•	•	•
1 Foot	3K	•	•	•	•	•
	35K	•	•	•	•	•
	4 K	•	•	•	•	•
	22K	•	•			*
	27K	•	•	•	•	•
4 Foot	3K	•	•	•	•	•
	35K	•	•	•	•	•
	4 K	•	•	•	•	•

• Available

MODA TECHNOLOGY

moda soft ™	MOdalinear OPTIC™	moda kwik connect ™
moda dim ™	moda driver ™	
moda dali ™	moda phosphor ™	
$moda_{COMMUNICATE^m}$	modathermal manage	EMENT TM
moda cue ™	modabin™	
modaoptic™	moda high cri ™	











Tested to UL & CSA by Intertek For Use in USA

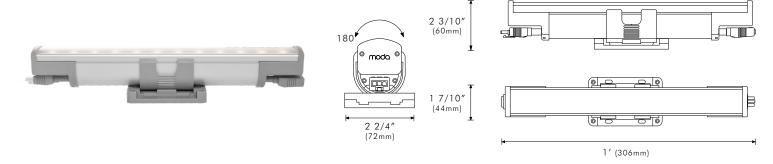
Certification & CANADA. Exceeds ANSI C78.377-2015, CE,
C-Tick, RoHS, & WEEE Compliant.

Class 1

.

Warranty 5 Year Limited Warranty





		6	•	1	0°	2.5	5°	40	0°	10°>	×40°	30°	،60°
Output	ССТ	Lumens	Efficacy										
	27K	940.08	94.00	928.08	92.80	914.08	91.40	904.08	90.40	895.08	89.50	892.08	89.08
\$O+	3 K	942.05	94.20	930.05	93.00	916.05	91.60	906.05	90.60	897.05	89.70	894.50	89.40
30+	35K	945.05	94.50	933.05	93.30	919.05	91.90	909.05	90.90	900.05	90.00	897.05	89.70
	4K	951.05	95.10	939.05	93.90	925.05	92.50	915.05	91.50	906.05	90.06	903.05	90.30
	27K	1190.26	119.02	1178.26	117.82	1164.26	116.42	1154.26	115.42	1145.26	114.52	1142.26	114.22
чо	3 K	1320.36	132.03	1298.36	129.83	1284.36	128.43	1322.10	132.21	1265.36	126.53	1262.36	126.23
НО	35K	1358.10	135.81	1346.10	134.61	1322.10	133.21	1322.10	132.21	1313.10	131.31	1310.10	131.01
	4K	1407.15	140.71	1395.15	139.51	1381.15	138.11	1371.15	137.11	1362.15	136.21	1359.15	135.91

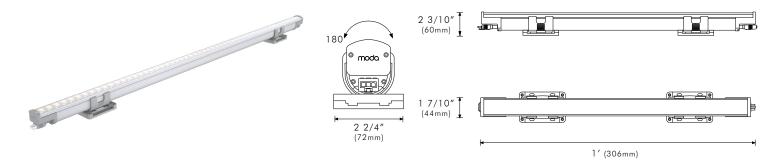
^{*2200}k not available for SO+ or HO

		30°x60°x5°		
Output	ССТ	Lumens	Efficacy	
\$0+	27K	890.08	89.00	
	3 K	892.05	89.20	
	35K	895.05	89.50	
	4K	901.05	90.10	
но	27K	1140.26	114.02	
	3 K	1260.36	126.03	
	35K	1308.10	130.81	
	4K	1359.15	135.91	

	30°x100°		
CCT	Lumens	Efficacy	
22K	250.50	62.00	
27K	310.00	77.00	
3 K	322.00	83.00	
35K	344.00	86.00	
4K	352.00	88.00	
22K	339.80	67.96	
27K	450.67	90.13	
3 K	490.25	98.05	
35K	491.33	98.26	
4K	493.84	98.76	
22K	1085.20	108.52	
27K	1219.74	121.97	
3K	1223.56	122.35	
35K	1236.09	123.60	
4K	1240.01	124.00	
	22K 27K 3K 35K 4K 22K 27K 3K 35K 4K 22K 27K 3K 35K	CCT Lumens 22K 250.50 27K 310.00 3K 322.00 35K 344.00 4K 352.00 22K 339.80 27K 450.67 3K 490.25 35K 491.33 4K 493.84 22K 1085.20 27K 1219.74 3K 1223.56 35K 1236.09	

Output	Power Consumption	Max Run Length	
	100-277V AC	120V AC	277V AC
LO	4 W	180 ft	360 ft
so	5W	120 ft	240 ft
SO+	10W	60 ft	120 ft
НО	10W	60 ft	120 ft
HO+	10W	60 ft	120 ft





		6	0	10	0°	2.5	5°	40	0°	10°>	(40°	30°	،60°
Output	ССТ	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
	27K	3310.67	82.76	3298.67	82.46	3284.68	82.11	3274.68	81.86	32.65.68	81.64	3262.68	81.56
50+	3 K	3318.23	82.95	3306.23	82.65	3292.23	82.30	3282.23	82.05	3273.23	81.83	3270.23	81.75
\$O+	35K	3335.20	83.38	3323.20	83.08	3309.20	82.73	3299.10	82.48	3290.20	82.25	3287.20	82.18
	4K	3358.40	83.96	3346.40	83.66	3332.40	83.31	3322.40	83.06	3313.40	82.83	3310.40	82.76
	27K	4314.02	107.85	4302.02	107.55	4288.02	107.20	4278.02	106.95	4269.02	106.72	4266.02	106.65
НО	3 K	4785.40	119.63	4773.40	119.34	4759.40	118.98	4749.40	118.73	4740.40	118.51	4737.40	118.43
	35K	4982.40	124.56	4956.40	123.91	4956.40	123.91	4946.40	123.66	4937.40	123.43	4934.40	123.36
	4K	5162.60	129.06	5150.60	128.77	6136.60	128.41	5126.60	128.16	5117.60	127.94	5114.60	127.86

^{*2200}k not available for SO+ or HO

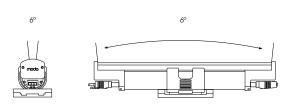
		30°x60°x5°		
Output	ССТ	Lumens	Efficacy	
	27K	3260.68	81.51	
SO+	3 K	3292.23	82.30	
30+	35K	3285.20	82.13	
	4K	3308.40	32.71	
	27K	4264.02	106.60	
но	3 K	4735.40	118.38	
пО	35K	4932.40	123.31	
	4K	5112.60	127.81	

		30°x100°	
Output	ССТ	Lumens	Efficacy
	22K	1002.00	62.62
	27K	1234.00	77.00
LO	3 K	1316.00	82.00
	35K	1366.00	85.00
	4K	1406.00	87.00
	22K	1368.11	72.00
	27K	1783.10	93.84
so	3 K	1820.18	95.79
	35K	1900.45	100.02
	4K	1975.36	103.96
	22K	4300.80	107.52
	27K	4587.96	114.69
HO+	3 K	4794.28	119.85
	35K	4844.63	121.11
	4K	4960.04	124.00

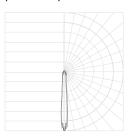
Output	Power Consumption	Max Run Length		
	100-277V AC	120V AC	277V AC	
LO	16W	180 ft	360 ft	
so	19W	120 ft	240 ft	
SO+	40W	60 ft	120 ft	
но	40W	60 ft	120 ft	
НО+	40W	60 ft	120 ft	



6° Beam Angle



Polar Candela Distribution (HO 4000K)

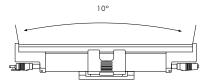


Illuminance at a Distance (HO 4000K)

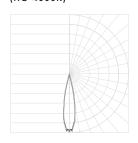
	Center E	Beam FC	Beam Width	
	1 Foot	4 Foot		
2.0 ft _	74.21 fc	272.28 fc	0.3 ft	0.2 ft
4.0 ft _	18.55 fc	68.07 fc	0.7 ft	0.6 ft
6.0 ft _	9.27 fc	34.03 fc	1.1 ft	1.0 ft
8.0 ft	4.63 fc	17.01 fc	1.5 ft	1.4 ft
10.0 ft	2.31 fc	8.50 fc	2.0 ft	1.9 ft
12.0 ft	1.85 fc	6.80 fc	2.4 ft	2.3 ft
	✓ Vert. Sp.	read: 6°	✓ Horiz. Spread: 6°	

10° Beam Angle

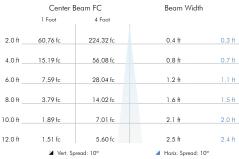




Polar Candela Distribution (HO 4000K)

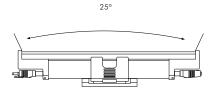


Illuminance at a Distance (HO 4000K)

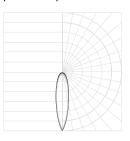


25° Beam Angle





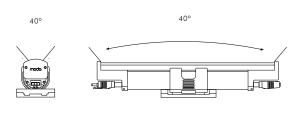
Polar Candela Distribution (HO 4000K)



Illuminance at a Distance (HO 4000K)

	Center E	Beam FC	Beam Width		
	1 Foot	4 Foot			
2.0 ft	37.34 fc	165.94 fc	0.5 ft	0.5 ft	
4.0 ft	9.33 fc	41.48 fc	1.0 ft	1.0 ft	
6.0 ft	4.66 fc	20.74 fc	1.5 ft	1.6 ft	
8.0 ft	2.33 fc	10.37 fc	2.0 ft	2.2 ft	
10.0 ft	1.16 fc	5.18 fc	2.5 ft	2.7 ft	
12.0 ft	0.93 fc	4.14 fc	3.0 ft	3.2 ft	
✓ Vert Sprend: 25°			Horiz Spread: 25°		

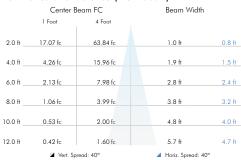
40° Beam Angle



Polar Candela Distribution (HO 4000K)

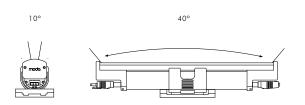


Illuminance at a Distance (HO 4000K)

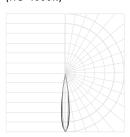




10°x40° Beam Angle



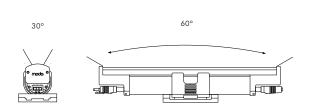
Polar Candela Distribution (HO 4000K)



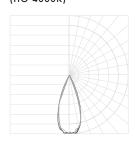
Illuminance at a Distance (HO 4000K)

		•	•		
	Center E	Beam FC	Beam Width		
	1 Foot	4 Foot			
2.0 ft	42.72 fc	160.52 fc	0.7 ft	0.5 ft	
4.0 ft	10.68 fc	40.13 fc	1.5 ft	1.0 ft	
6.0 ft	5.34 fc	20.06 fc	2.2 ft	1.4 ft	
8.0 ft	2.67 fc	10.03 fc	3.0 ft	1.9 ft	
10.0 ft	1.33 fc	5.01 fc	4.6 ft	2.4 ft	
12.0 ft	1.06 fc	4.01 fc	4.4 ft	3.0 ft	
✓ Vert Spread: 10°			✓ Horiz Spread: 40°		

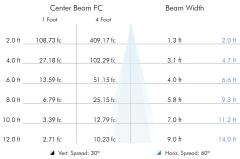
30°x60° Beam Angle



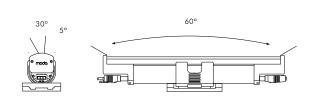
Polar Candela Distribution (HO 4000K)



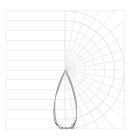
Illuminance at a Distance (HO 4000K)



30°x60°x5° Beam Angle



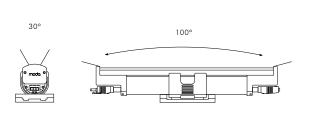
Polar Candela Distribution (HO 4000K)



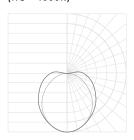
Illuminance at a Distance (HO 4000K)

	Center E	Beam FC	Beam Width		
	1 Foot	4 Foot			
2.0 ft	37.34 fc	59.40 fc	1.3 ft 0.3 ft		
4.0 ft	9.33 fc	14.85 fc	2.6 ft 0.9 ft		
6.0 ft	4.66 fc	7.42 fc	3.9 ft 1.3 ft		
8.0 ft	2.33 fc	3.71 fc	5.2 ft 1.6 ft		
10.0 ft	1.16 fc	1.85 fc	6.5 ft 1.9 ft		
12.0 ft	0.93 fc	1.48 fc	7.87 ft 2.6 ft		
	✓ Vert. Sp	read: 30°	✓ Horiz. Spread: 60°		

30°x100° Beam Angle



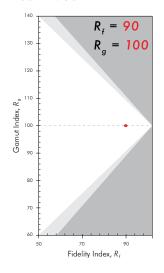
Polar Candela Distribution (HO+ 4000K)



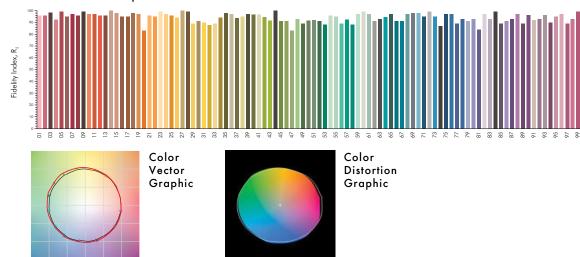
Illuminance at a Distance (HO+ 4000K)

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	Center	Beam FC	Beam Width		
	1 Foot	4 Foot			
2.0 ft	114.8 fc	459.20 fc	1.3 ft	2.0 ft	
4.0 ft	28.7 fc	114.80 fc	3.1 ft	4.2 ft	
6.0 ft	14.3 fc	57.40 fc	4.0 ft	6.6 ft	
8.0 ft	7.1 fc	28.7 fc	5.8 ft	9.3 ft	
10.0 ft		14.30 fc	7.0 ft	11.2 ft	
10.0 π	3.5 TC	14.30 fc	7.0 π	11.2 π	
12.0 ft	2.8 fc	11.40 fc	9.0 ft	14.0 ft	
✓ Vert. Spread: 30° ✓ Horiz. Spread: 100°					

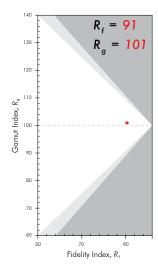




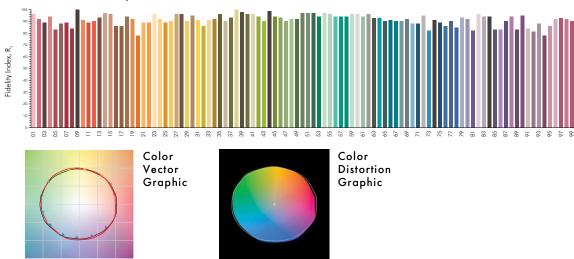
Color Evaluation Sample



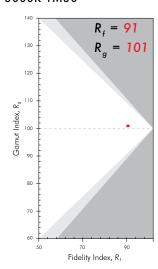
2700K TM30



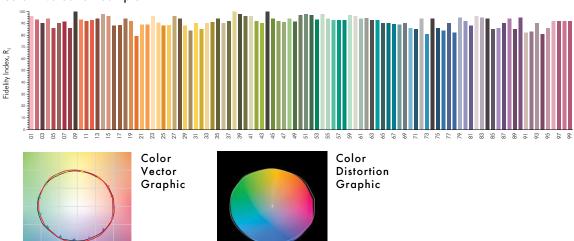
Color Evaluation Sample



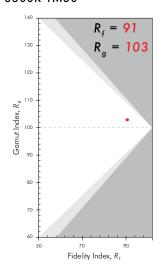
3000K TM30



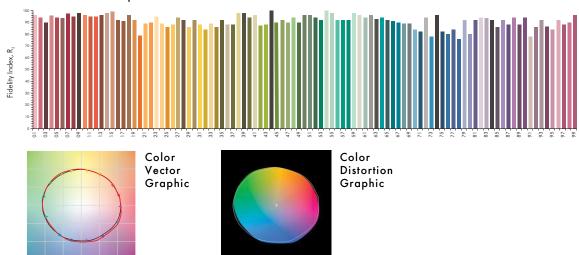
Color Evaluation Sample



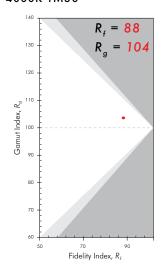
3500K TM30



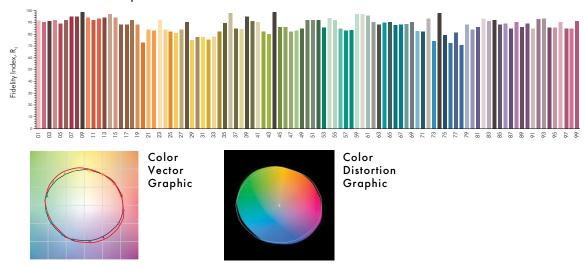
Color Evaluation Sample



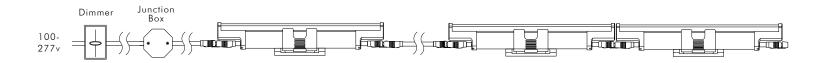
4000K TM30



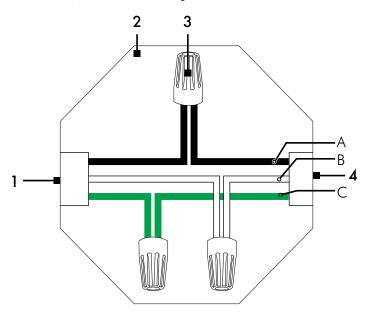
Color Evaluation Sample



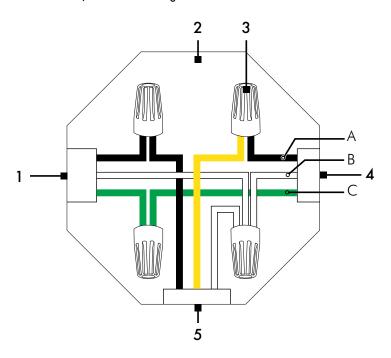




UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

1	Power 100-277V
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
	FIV Dimmer

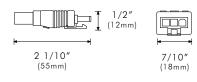
3 Pin Leader Cable

		UL/cUL	CE/CCC*
Α	Live 100-277V	- Black	- Brown
В	Neutral	== White	- Blue
С	Ground	Green/ Yellow	Yellow/ Green

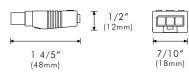
*not illustrated

ELV Connectors

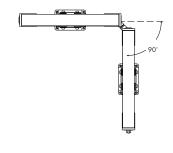
Male Output



Female Output



Angle Adjustment

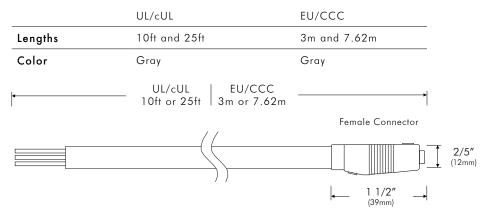


Compatible Dimmers

Lutron MAELV-600 (600W) Lutron Skylark SELV-300P (300W) Leviton MNE04 (400W) Lutron DIVA DVELV-300P (300W) Lutron DIVA DVELV-300P (300W) ADJUSTED



Moda Graze Interior 3 Pin Leader Cables



Pin Assignment



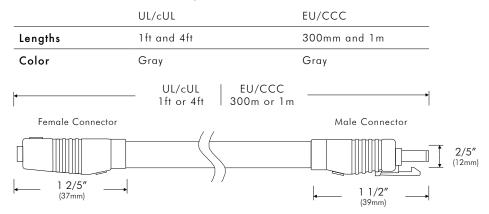
		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Ground	Green	Yellow/Green
3	Neutral	White	Blue

Connectors

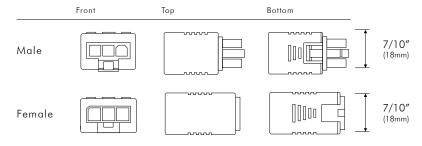
	Front	Тор	Bottom	
Female				7/10" (18mm)



Moda Graze Interior 3 Pin Jumper Cables



Connectors



Pin Assignment



Male

		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Ground	Green	Yellow/Green
3	Neutral	White	Blue



Fomalo

		UL/cUL	EU/CCC
1	Live 100-277V	Black	Brown
2	Ground	Green	Yellow/Green
3	Neutral	White	Blue



NAME	sku	DESCRIPTION
Leader Cable US 3 Pin 10ft	MLCI-US-3PIN-G-10FT	Power to first fixture of run
Leader Cable US 3 Pin 25ft	MLCI-US-3PIN-G-25FT	Power to first fixture of run
Jumper Cable US 3 Pin 1ft	MJCI-US-3PIN-G-1FT	Connection between fixtures
Jumper Cable US 3 Pin 4ft	MJCI-US-3PIN-G-4FT	Connection between fixtures
Leader Cable EU 3 Pin 3m	MLCI-EU-3PIN-G-3M	Power to first fixture of run
Leader Cable EU 3 Pin 7.62m	MLCI-EU-3PIN-G-7.62M	Power to first fixture of run
Jumper Cable EU 3 Pin 300mm	MJCI-EU-3PIN-G-300MM	Connection between fixtures
Jumper Cable EU 3 Pin 1m	MJCI-EU-3PIN-G-1M	Connection between fixtures
Terminator 3 Pin	MTI-3PIN-G	Must be fixed to last fixture for safety
Interior Bracket Lock	MCGI-BL-G	Holds fixture in place for vertical installations





COMPLETE SKU SAMPLE: MGI-LO-S1-S-27H-1-310

A - FIXTURE & LOCATION E - LED COLOR MGI Moda Graze Interior 22H* 2200K HCRI 27H 2700K HCRI 3H 3000K HCRI 35H 3500K HCRI 4 H 4000K HCRI * Available only for LO, SO, HOP **B** - LIGHT OUTPUT LO Low Output SO Standard Output F - LENGTH SOP Standard Output Plus НО High Output 1 1FT HOP High Output Plus 4FT 4 G - OPTIC C - SERIES NUMBER 6° x 6° 6* S 1 Series 1 10* 10° x 10° 25* 25° x 25° 40° x 40° 40* 140* 10° x 40° 360* 30° x 60° 365* 30° x 60° x 5° D - PRODUCT FINISH 310** 30° x 100° * Available only for SOP and HO S Silver ** Available only for LO, SO, HOP