

Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

SKU: _____ Type: _____ PO #: _____ Quantity: _____

Notes: _____



Miniature Line Voltage Graze Fixture.

MODA MINI GRAZE INTERIOR is an exciting brand new Wall Grazing Lighting System built upon our Award winning, patented, MINI COVE Series. Powerful and efficient with a choice of Standard Output at 502 lumens per foot or High Output delivering an astonishing 1004 lumens per foot packaged in a small size of just 1 5/16" (35mm) tall fixture. Unlike other fixtures which are much larger in physical size, MINI GRAZE utilizes the latest Advanced MODA Design and Electronic Engineering, ensuring fixtures are cool to the touch even at 1004 lumens per foot. This is achieved by designing a forward thinking fixture with intelligent driver technology and by under driving the most advanced LEDs in the World. Thus creating a fixture which is so cool it can be held after days of illumination. The L70 (longevity) of the fixture is extended and phosphor degradation is kept to a minimum.

The Onboard American Dimming Chipset, programmed by our MODA Software Division with new Advanced Firmware ensures MINI GRAZE delivers smooth, no noise, flicker free and synchronized dimming down to 0% with ELV or 0-10V Dimmers. Choose from either ELV or 0-10V direct dimming fixtures. Unlike other fixtures in the marketplace there is no need to purchase additional adapters, converters, dimming boxes or control modules, just use conventional wiring direct from the dimmer to create a powerful lighting system, saving time and money. Link any combination of 6", 1ft, 4ft and 8ft fixtures and every fixture will dim together smoothly, synchronized from 100% to 0%. With no minimum run lengths, just one 6" fixture will dim seamlessly to 0%.

Wall wash any indoor application with its integral linear optic of 30° x 100° for a perfect asymmetric beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m). Achieve long single runs of up to 240 feet decreasing the number of wiring circuits required in an installation. Another step forward in this category of small sized fixtures is the Universal power input. We designed a small MODA Micro Driver specific for MINI GRAZE enabling it to accept 100-277V AC 50/60Hz, thus decreasing the number of SKUs needed to be held by any of our Worldwide distributors and giving the installer a choice of power inputs from one fixture.

With the ability to mix our own phosphors we are able to make a revolutionary new standard for MODA offering a High Color Rendering Index of 96-98 with LEDs centered on The Planckian Locus for superior illumination. R1-R15 tested to TM30-15 with values in excess of 90, creating beautiful cove illumination. Single binning means every fixture will have the same CCT - something that MODA has been doing since 2006. A specialized curved polymer optical lens combined with a cleverly designed light chamber delivers a smooth, light bending 200 degree beam pattern perfect for cove installations with interlocking fields of light, no color over angle, no striations, and no dark spots. Choose from our standard white light temperatures of 1800K, 2200K, 2700K, 3000K, 3500K, 4000K, & 6500K. 1800K is candle-light, ideal for creating truly warm nostalgic coves. 2200K is ideal for hospitality applications with its rich warm tones. 2200K no longer looks dull, dirty or "muddy". 2700K is an excellent example of incandescent looking illumination. 3000K has often been described as one of the best looking 3000K in the industry. 3500K is the color which has now become our standard go-to temperature, not being too neutral with a hint of warmth. 4000K is perfect for offices and retail. 6500K is now a color which can be used as a mainstream color, the HCRI no longer has strong blue tones and is ideal for ultra cool environments. Reds, greens, and blues look clean and sharp thanks to our own Phosphor mix and High CRI. Colors are crisp and sharp. Ideal for all applications which require a high-quality incandescent look. The High CRI for all of our models, which is our standard, creates great cove illumination no matter what color temperature is chosen.

The fixture incorporates an integral, patented, toolless self-locking bracket which slides into any position and turns 170 degrees. Built-in male & female connectors with thumb latch connections for fast installation time. Lightweight aluminum construction for durability and excellent thermal characteristics. Quality American Made electronic components. Available in a tiny 6 inch size (15cm) for tight turning coves and to finish a small space on the end of a run. Perfect for bending curves - link up to 240ft of fixtures in a single run. 1ft, 4ft and 8ft lengths are for fast installation saving expensive labor installation costs and achieving long runs of quality illumination in rapid time.

Tested by Intertek to UL1598 for use in USA & Canada. CE Approved. WEE. RoHS Compliant. TM-30-15 Tested. US Patent No. D787,112 and D783,890.

Product Innovation Award (PIA) Winner 2016 for Best Luminaire. LFI Innovation Award 2017 Finalist for Dynamic Color, Theatrical, Cove, Strips and Tape. Lux Award Commended for Interior Product of the Year 2016. Darc Awards Finalist for Best Architectural Lighting Product - Interior Luminaires 2016. International Design Excellence Award for Innovative Product Design Finalist 2016.

Designed & Developed by MODA LIGHT in Las Vegas, USA.

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PHYSICAL

Dimensions	L: 1ft 1/4in (308mm) L: 4ft 5/32in(1.22m)	W: 1 3/16in(29mm) H: 1 1/2in(38mm)
Weights	1ft: 0.21 lbs (0.10 kg) / 4ft: 0.38 lbs (0.17kg)	
Applications	Graze, Accent & Indirect General Illumination	
Construction	6063 Aluminum Body, Polycarbonate Self-Locking Mounting Bracket and Optical Lens	
Ingress Protection	Dry/Damp Location IP52	
Thermal Management	MODA Aluminum Heat Sink	
Beam Angle	30° X 100°	
Fixture Connections	Integral Male & Female Connectors	
Operating Temperature	-4°F ~ 149°F (-20°C ~ 65°C)	
Storage Temperature	-13°F ~ 158°F (-25°C ~ 70°C)	
Humidity	20-70% Non Condensing	

OUTPUT

CCT	1800K, 2200K, 2700K, 3000K, 3500K, 4000K, 6500K
SDCM	2 Step MacAdam Ellipse
Color Bin Tolerance	Zero Bin
CRI	95 - 98
Lumen Maintenance	90,000 Hours L70 @ 25°C 70,000 Hours L70 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	100-277V AC 50Hz/60Hz
Control	0-10V
Power Factor	≥ 0.98

DIMMING

	Outputs Available
1 Foot Inch	SO, HO
4 Foot Inch	SO, HO

MODA TECHNOLOGY

moda**SOFTWARE**[™]

moda**HARDWARE**[™]

moda**DIM**[™]

moda**LED**[™]

moda**MICRO DRIVER**[™]

moda**PHOSPHOR**[™]

moda**ZERO BIN**[™]

moda**THERMAL MANAGEMENT**[™]

moda**HIGH CRI**[™]

moda**AIRFLOW**[™]

moda**COLOR RENDITION**[™]

moda**LOCK**[™]

moda**KWIK CONNECT**[™]

moda**LINEAR OPTIC**[™]

STANDARDS & CERTIFICATIONS



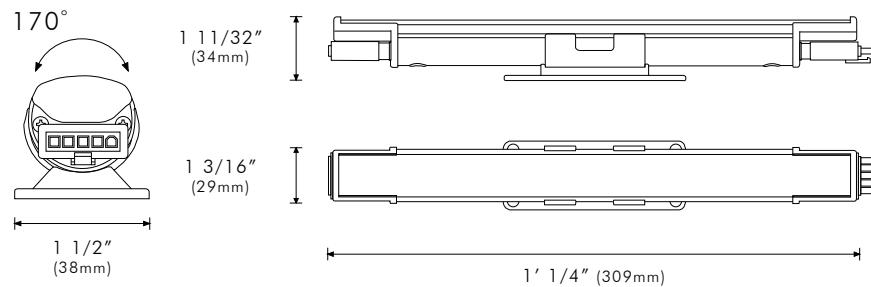
RoHS ✓



Certification Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, CCC, C-Tick, RoHS, & WEEE Compliant.

Class 1

Warranty 5 Year Limited Warranty



0-10V

Standard Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
1800K	263	95	52.60	44.58	40.46
2200K	302	96	60.40	51.19	46.46
2700K	400	98	80.00	67.80	61.54
3000K	430	97	86.00	72.88	66.15
3500K	438	98	87.60	74.24	67.38
4000K	449	96	89.80	76.10	69.08
6500K	651	98	130.20	110.34	100.15

High Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
1800K	526	95	55.96	53.13	52.60
2200K	603	96	64.15	60.91	60.30
2700K	801	98	85.21	80.91	80.10
3000K	859	97	91.38	86.77	85.90
3500K	875	98	93.09	88.38	87.50
4000K	899	96	95.64	90.81	89.90
6500K	1253	98	133.30	126.57	125.30

SO Power Consumption

120V	4.7W
240V	5.5W
277V	5.8W

HO Power Consumption

120V	9.4W
240V	9.9W
277V	10W

SO Max Continuous Run

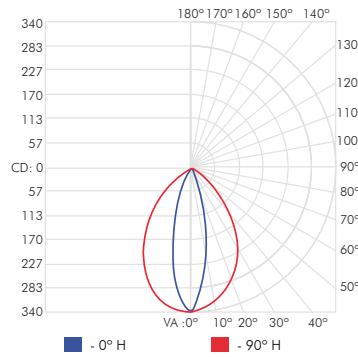
120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

HO Max Continuous Run

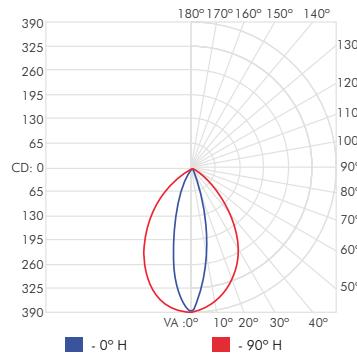
120V AC	50 ft
240V AC	100 ft
277V AC	100 ft

STANDARD OUTPUT

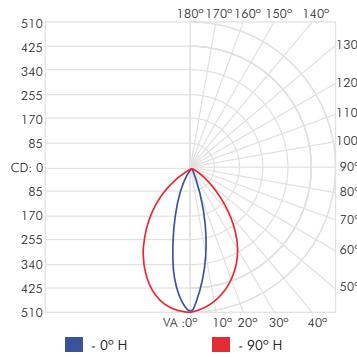
SO 1800K



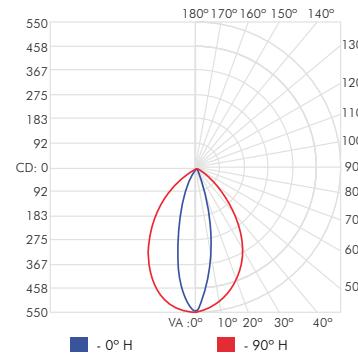
SO 2200K



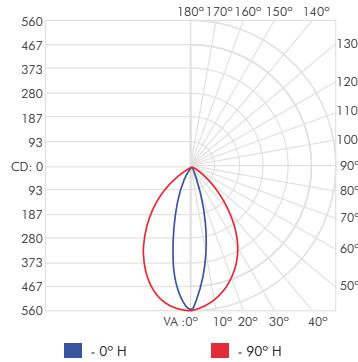
SO 2700K



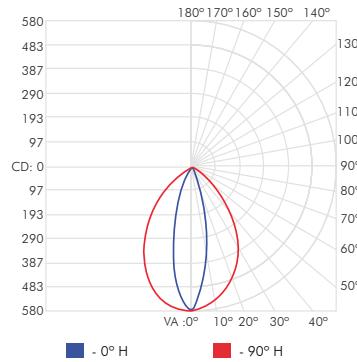
SO 3000K



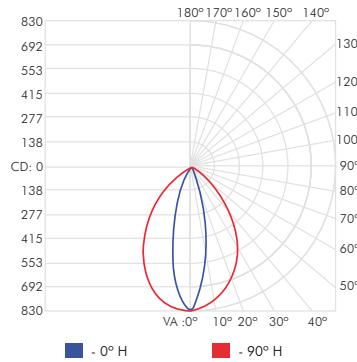
SO 3500K



SO 4000K

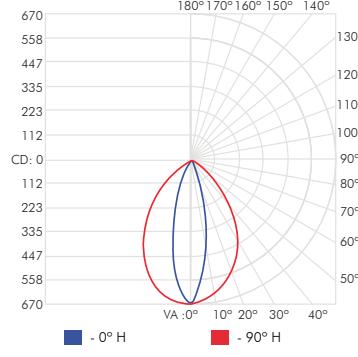


SO 6500K

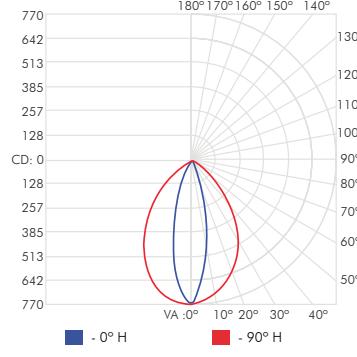


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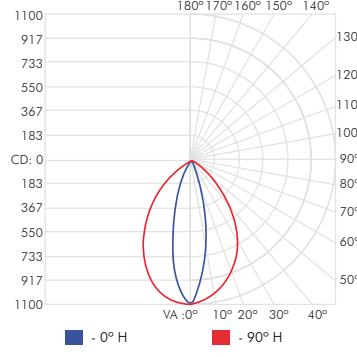
HO 1800K



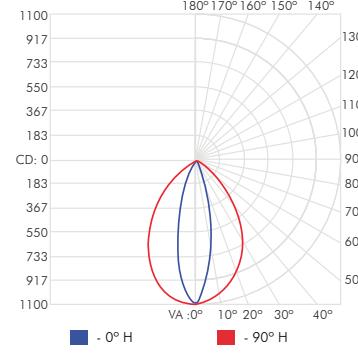
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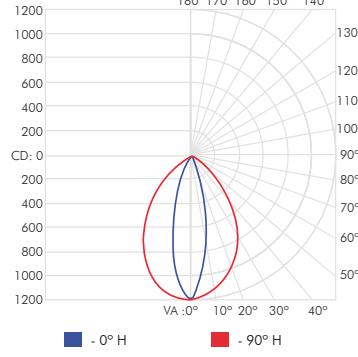
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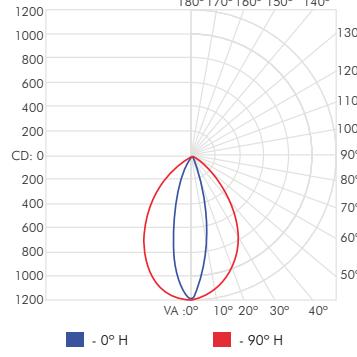
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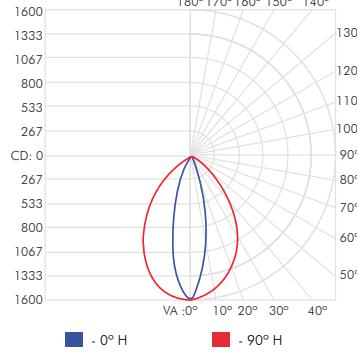
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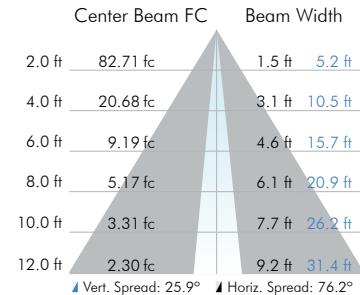


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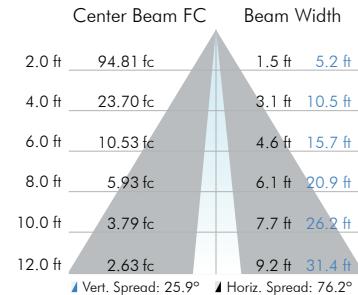


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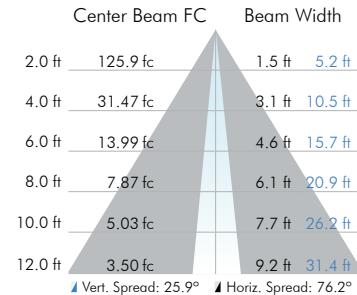
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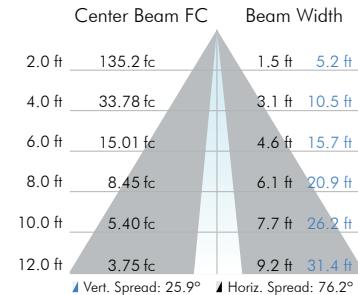
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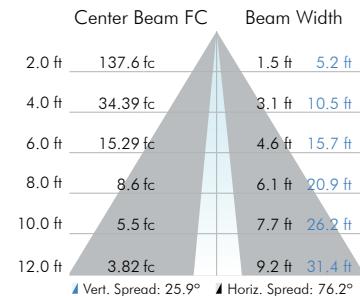
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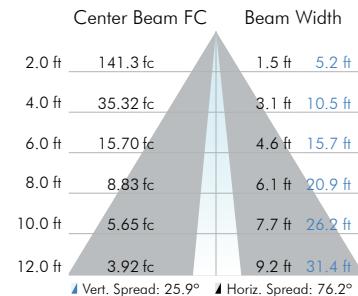
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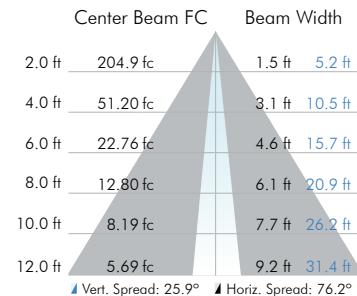
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SO 4000K

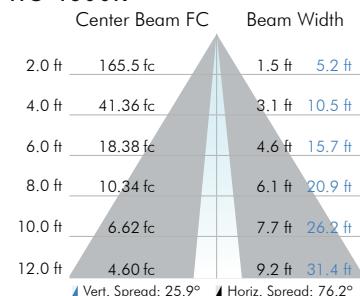


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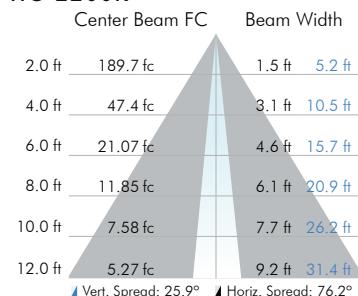


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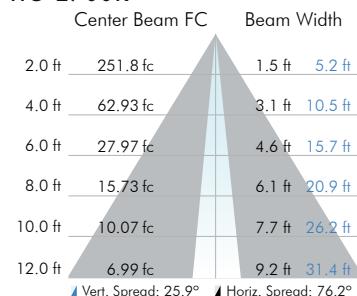
HO 1800K



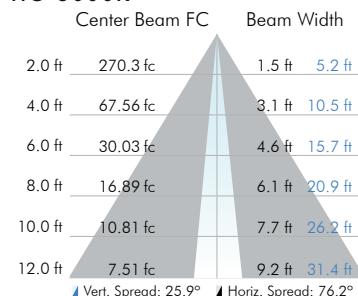
HO 2200K



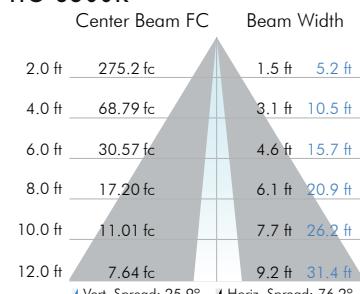
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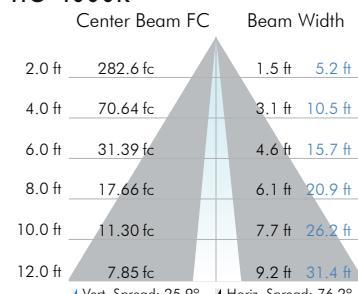
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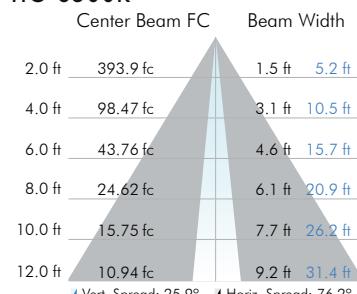
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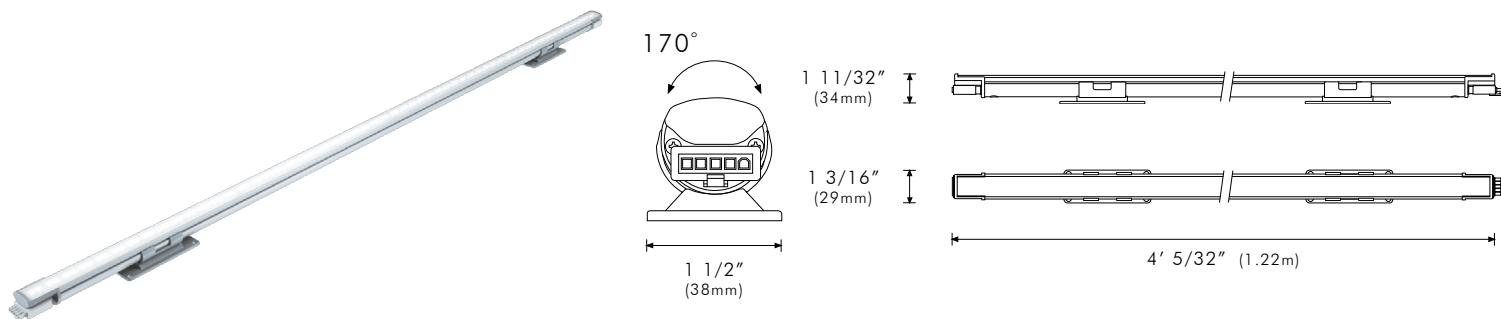


HO 4000K



HO 6500K





0-10V

Standard Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
1800K	1052	95	59.44	54.51	53.95
2200K	1214	96	68.59	62.90	62.26
2700K	1592	98	89.94	82.49	81.64
3000K	1627	97	91.92	84.30	83.44
3500K	1692	98	95.59	87.67	86.77
4000K	1749	96	98.81	90.62	89.69
6500K	2505	98	141.53	129.79	128.46

SO Power Consumption

120V	17.7W
240V	19.3W
277V	19.5W

SO Max Continuous Run

120V AC	120 ft
240V AC	240 ft
277V AC	240 ft

High Output	Lumens	CRI	Efficacy (120V)	Efficacy (240V)	Efficacy (277V)
1800K	2104	95	56.86	55.36	53.94
2200K	2428	96	65.62	63.89	62.17
2700K	3183	98	86.02	83.76	81.61
3000K	3253	97	87.91	85.60	83.41
3500K	3384	98	91.45	89.05	86.76
4000K	3503	96	94.67	92.18	89.82
6500K	5010	98	135.40	131.84	128.46

HO Power Consumption

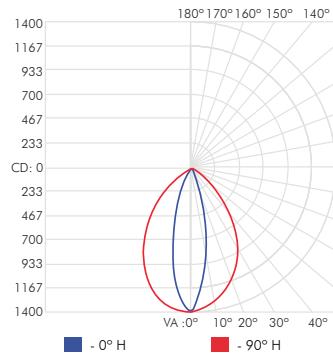
120V	37W
240V	38W
277V	39W

HO Max Continuous Run

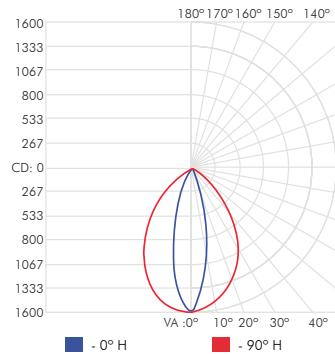
120V AC	50 ft
240V AC	100 ft
277V AC	100 ft

STANDARD OUTPUT

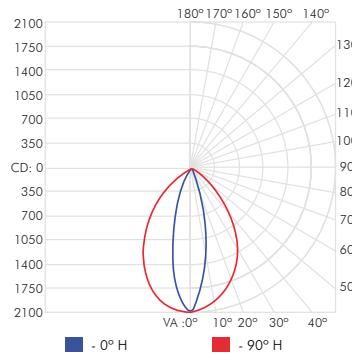
SO 1800K



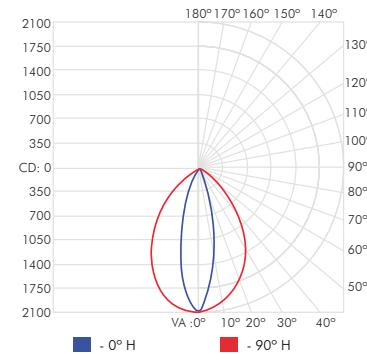
SO 2200K



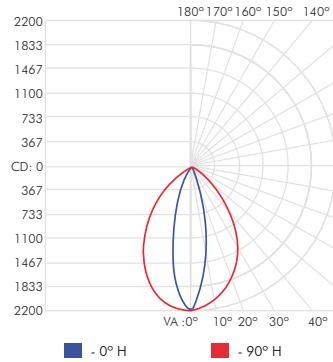
SO 2700K



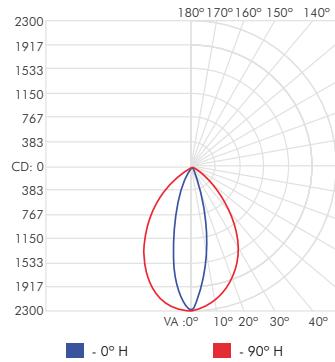
SO 3000K



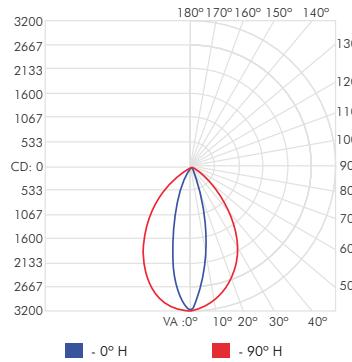
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SO 4000K

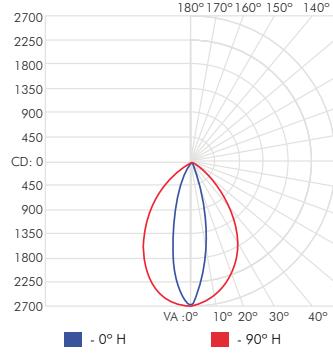


SO 6500K

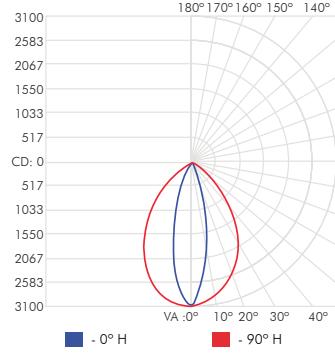


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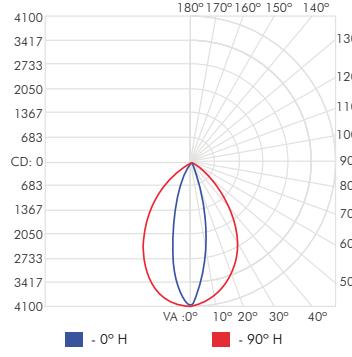
HO 1800K



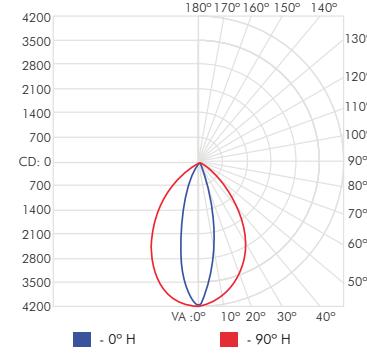
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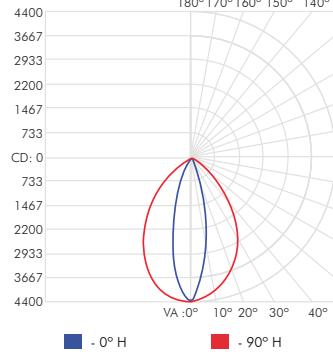
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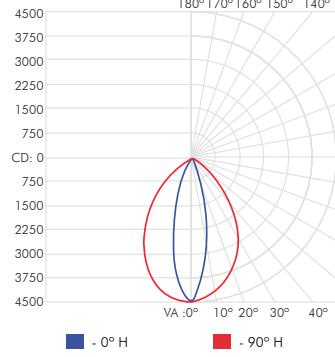
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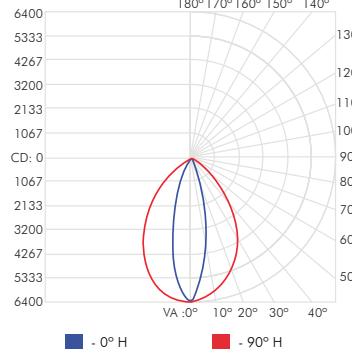
HO 3500K



HO 4000K



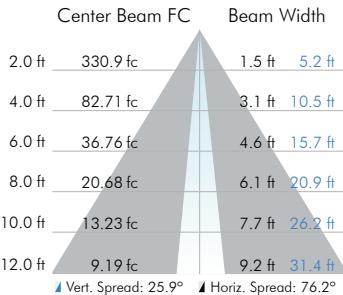
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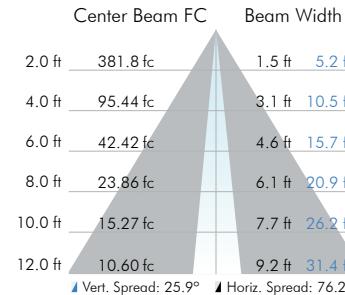
Due to continuous improvements and innovations, specifications may change without notice.
Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installations. All rights reserved. E&OE.

STANDARD OUTPUT

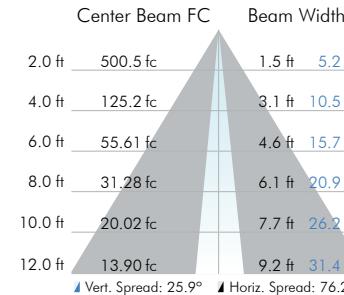
SO 1800K



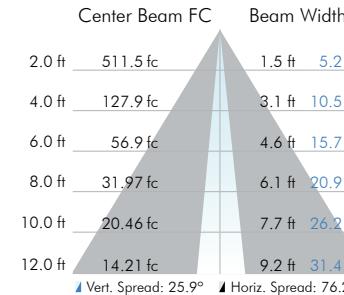
SO 2200K



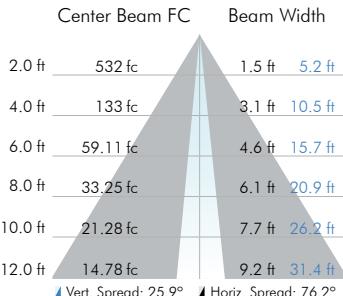
SO 2700K



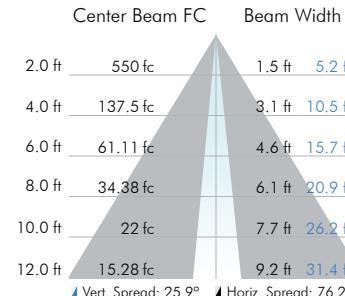
SO 3000K



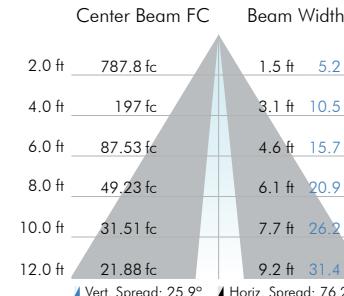
SO 3500K



SO 4000K

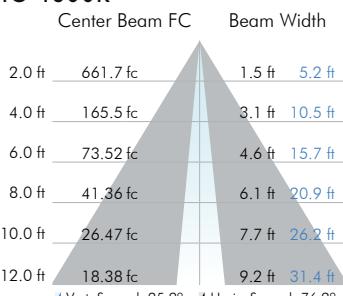


SO 6500K

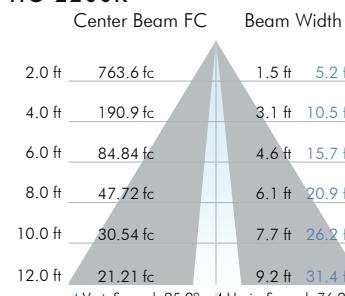


HIGH OUTPUT

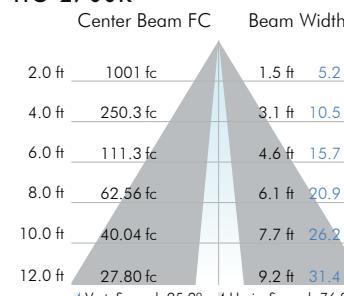
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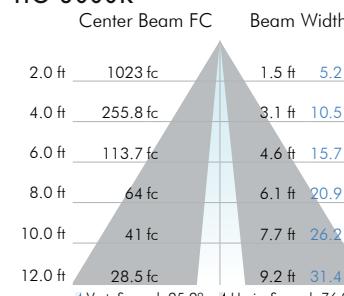
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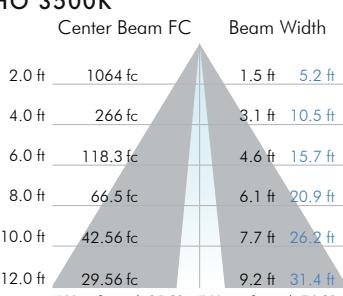
HO 2700K



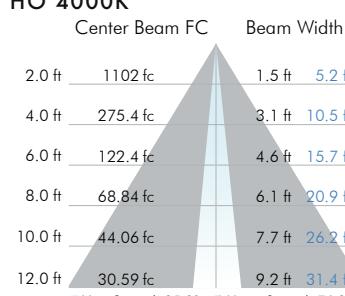
HO 3000K



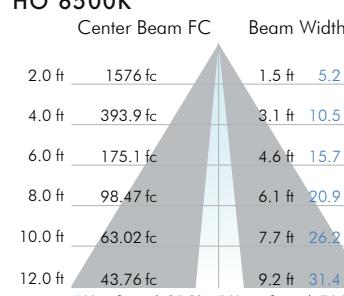
HO 3500K



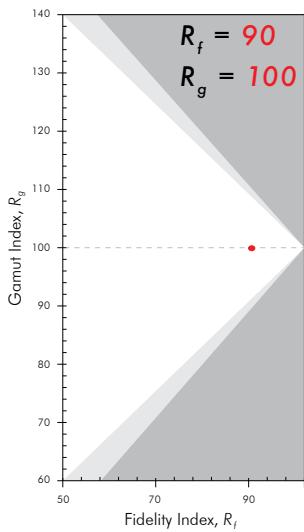
HO 4000K



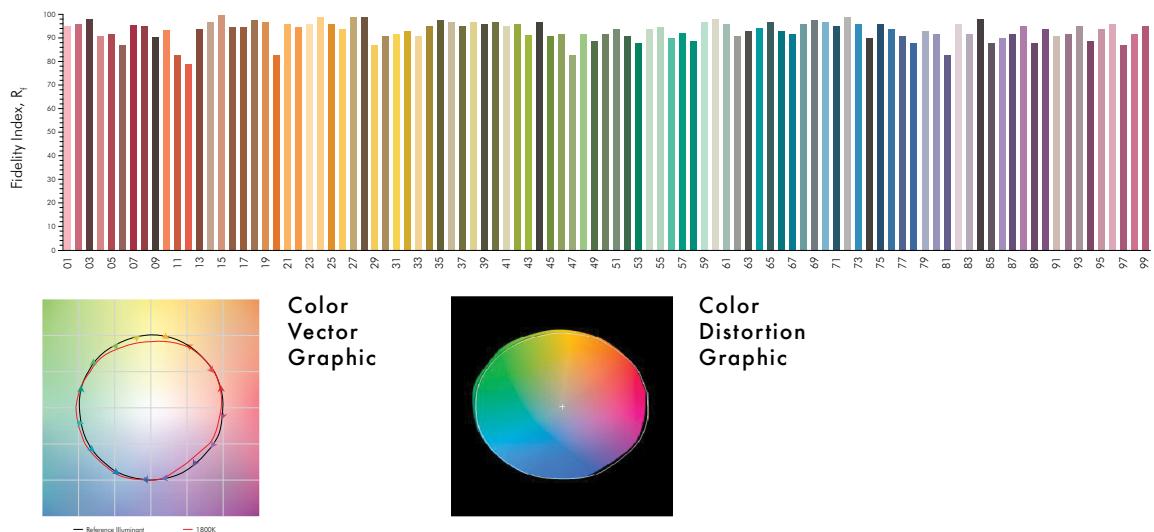
HO 6500K



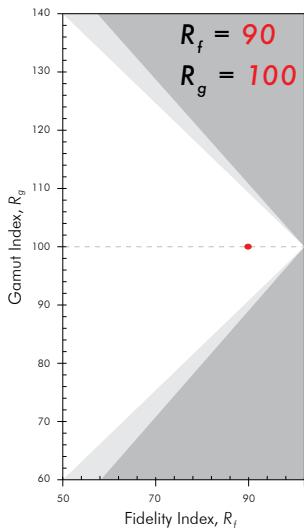
1800K TM30



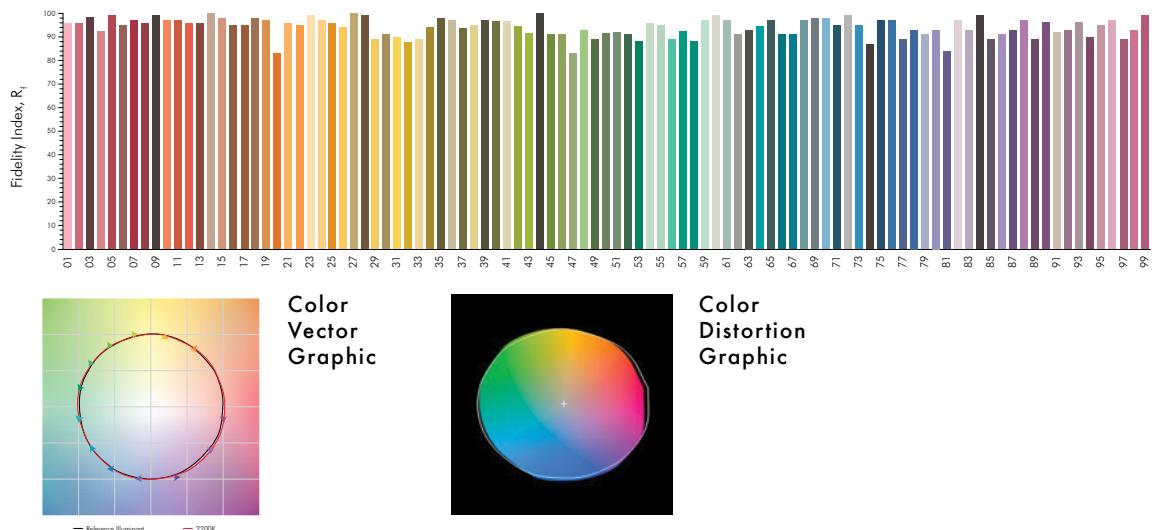
Color Evaluation Sample



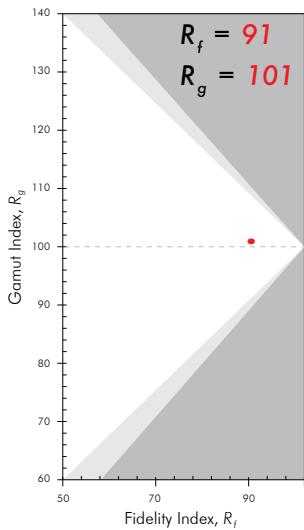
2200K TM30



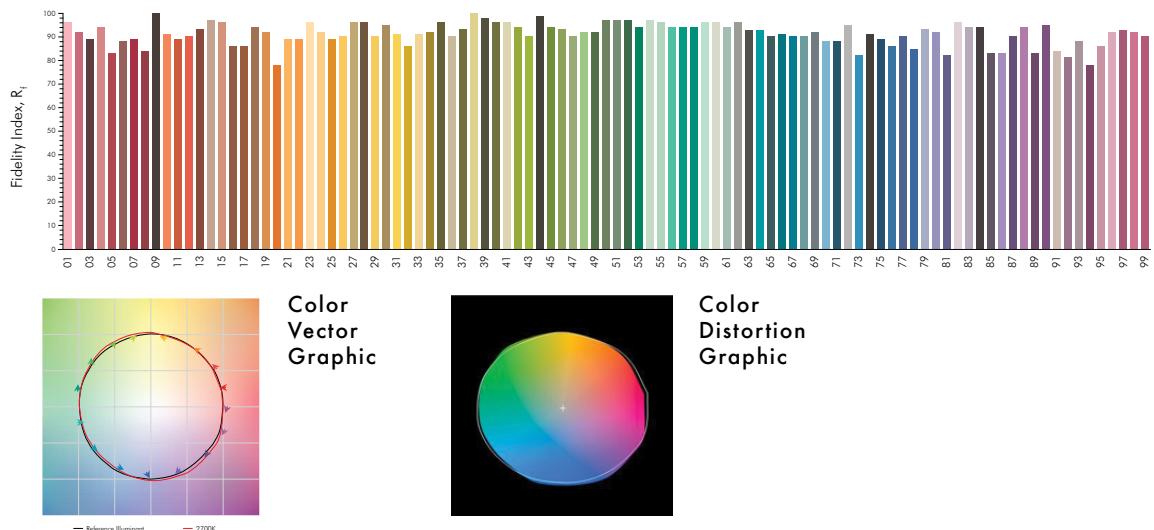
Color Evaluation Sample



2700K TM30

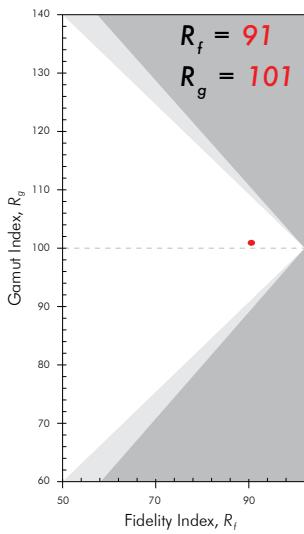


Color Evaluation Sample

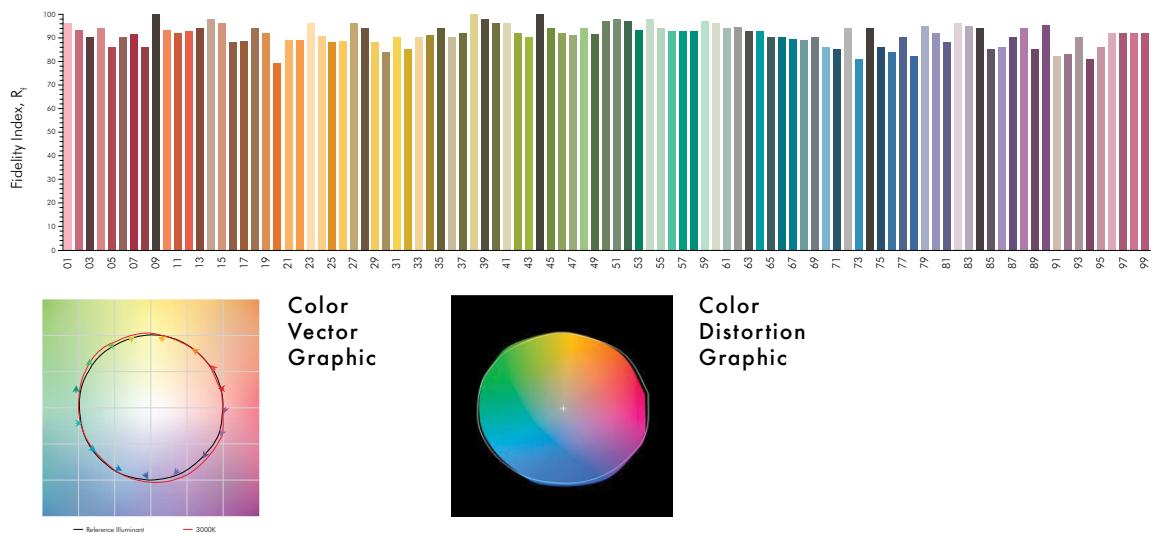


Due to continuous improvements and innovations, specifications may change without notice.
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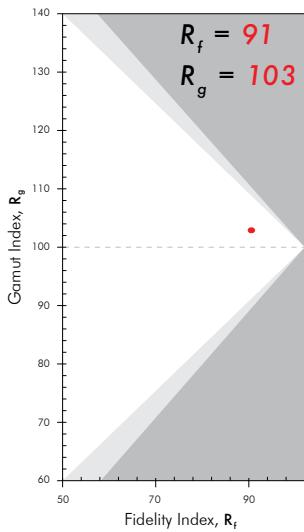
3000K TM30



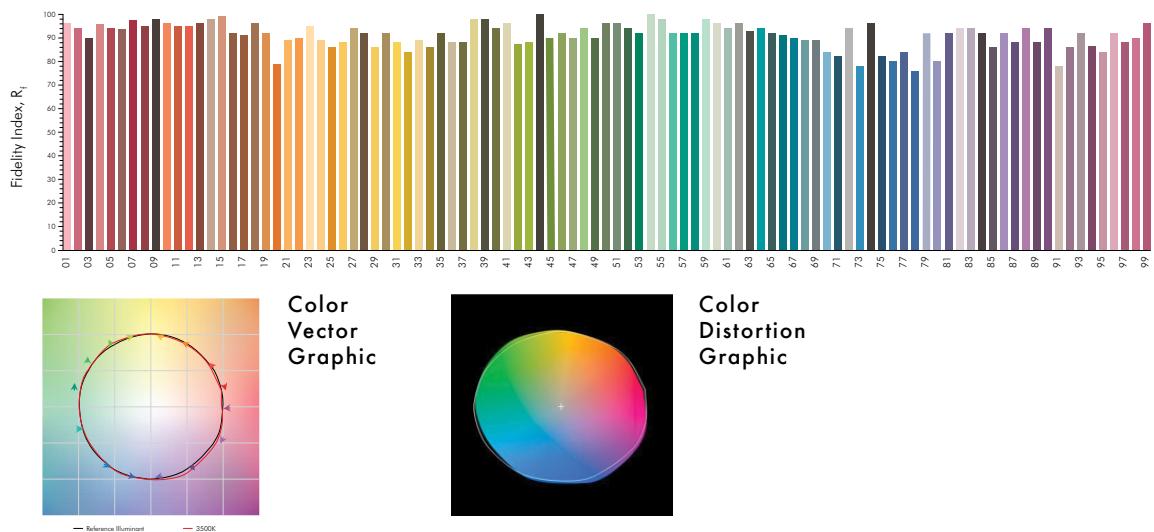
Color Evaluation Sample



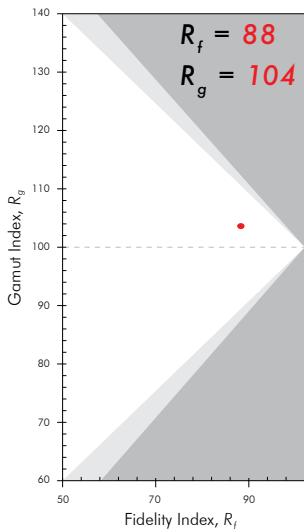
3500K TM30



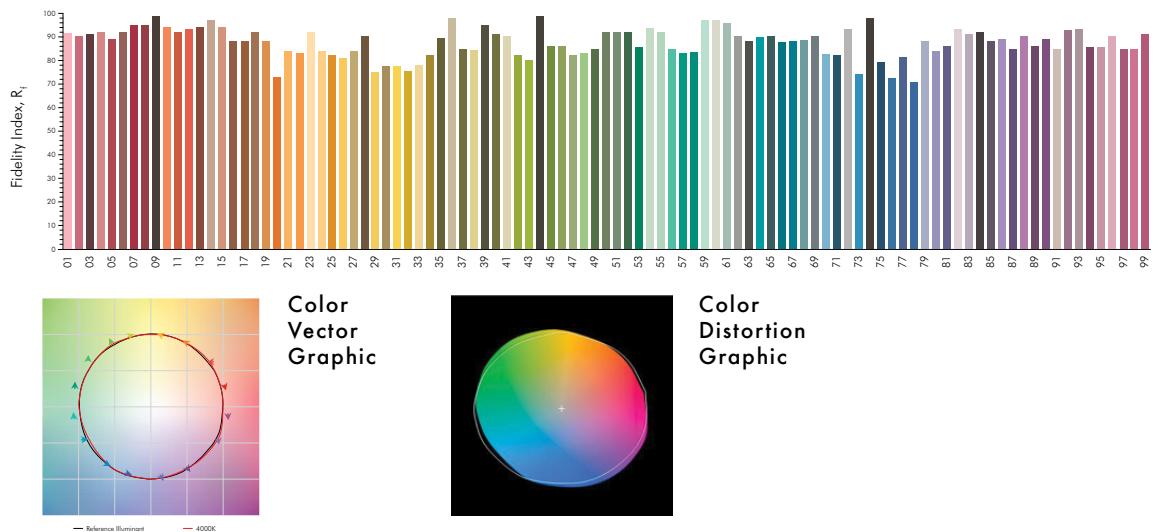
Color Evaluation Sample



4000K TM30

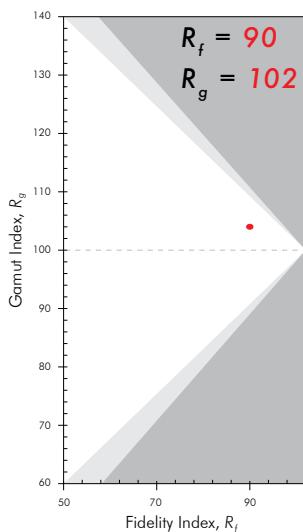


Color Evaluation Sample

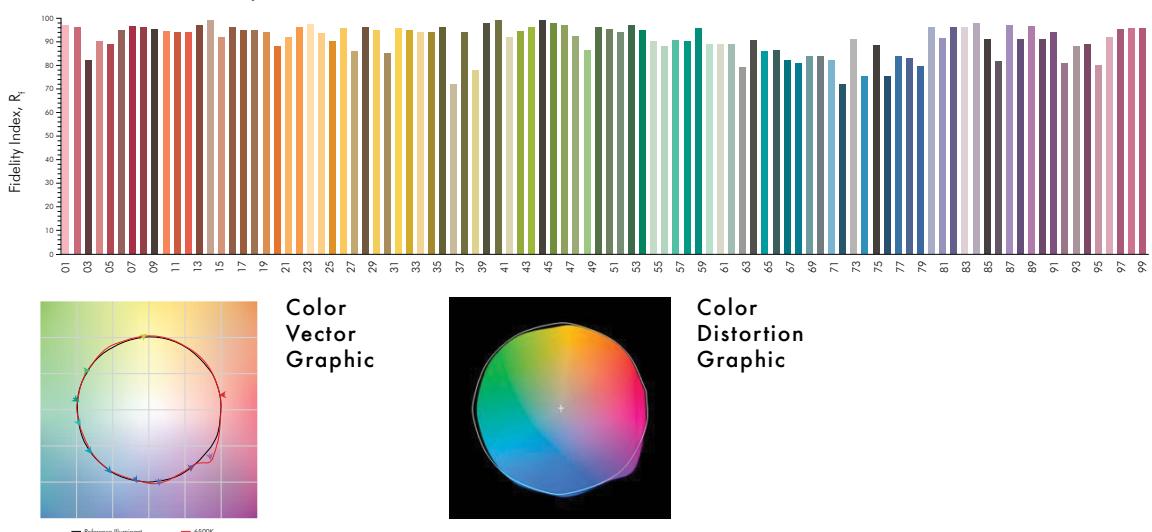


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Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installations. All rights reserved. E&OE.

6500K TM30



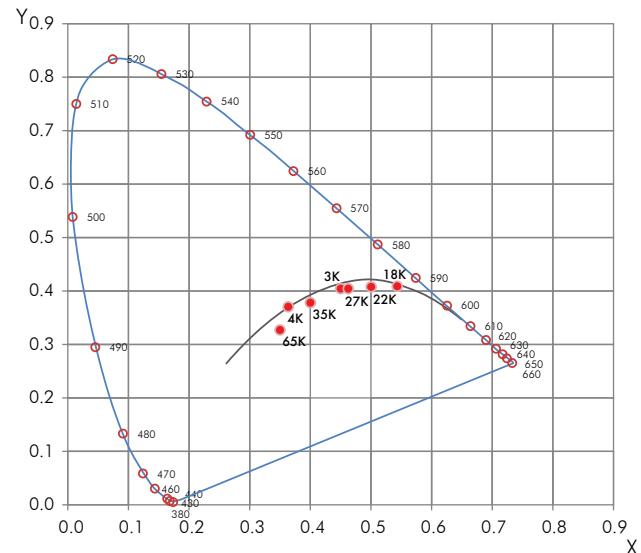
Color Evaluation Sample



R VALUES

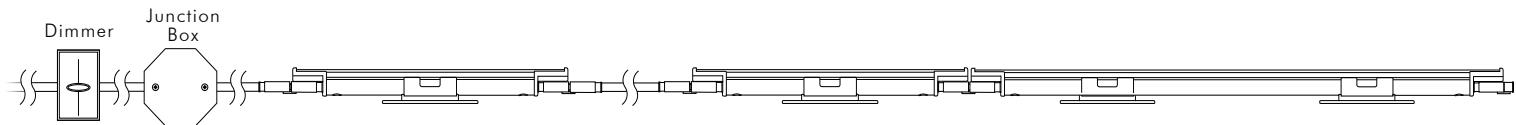
	1800K	2200K	2700K	3000K	3500K	4000K	6500K
R1	98	97	99	98	99	98	98
R2	99	98	99	98	99	98	98
R3	97	97	97	95	97	98	98
R4	98	94	99	98	99	93	94
R5	96	96	99	97	99	95	95
R6	96	94	97	96	97	95	96
R7	95	97	97	97	97	94	95
R8	94	97	95	94	95	94	95
R9	93	93	93	91	93	95	96
R10	97	98	98	92	98	99	99
R11	97	90	97	97	97	94	95
R12	88	92	87	83	87	70	70
R13	98	97	99	98	99	98	99
R14	95	96	97	96	97	99	99
R15	97	99	98	96	98	95	96

CIE 1931 CHROMATICITY DIAGRAM

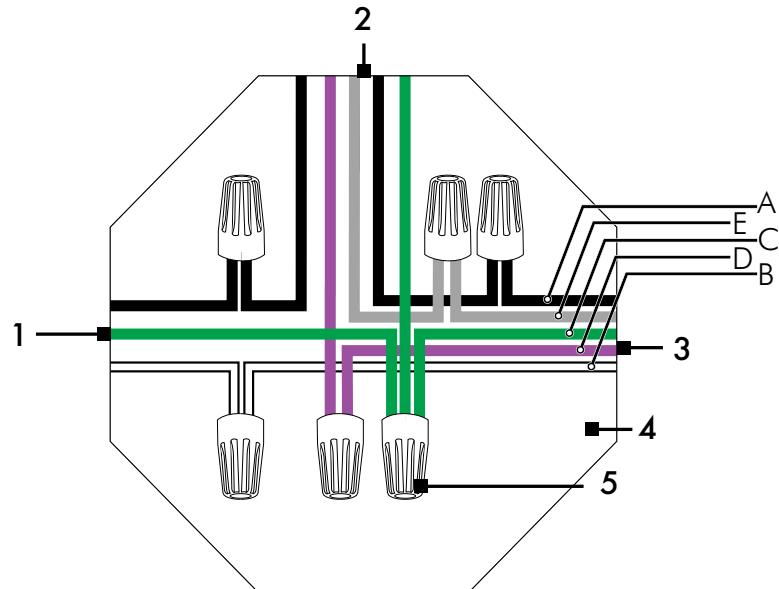


CCT Coordinates

1800K	x: 0.5426	y: 0.4092	u: 0.3012	v: 0.5428
2200K	x: 0.5043	y: 0.4090	u: 0.2924	v: 0.5353
2700K	x: 0.4563	y: 0.4048	u: 0.2628	v: 0.5246
3000K	x: 0.4373	y: 0.4044	u: 0.2507	v: 0.5216
3500K	x: 0.4085	y: 0.3875	u: 0.2391	v: 0.5104
4000K	x: 0.3797	y: 0.3730	u: 0.2240	v: 0.4952
6500K	x: 0.3296	y: 0.3249	u: 0.1832	v: 0.4328



UL / cUL Dimming



Wiring Legend

1	Power 100-277V AC
2	0-10V Dimmer
3	5 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

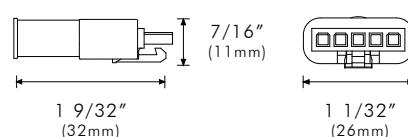
5 Pin Leader Cable

	UL/cUL	CE/CCC*
A Live 100-277V AC	— Black	— Brown
B Neutral	— White	— Blue
C Ground	— Green	— Green/Yellow
D Data Positive	— Purple	— Black
E Data Negative	— Gray	— Gray

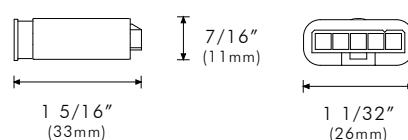
*Not illustrated

0-10V Connectors

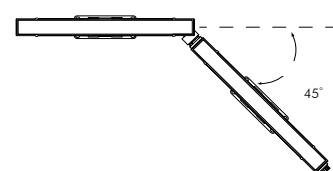
Male Output



Female Output

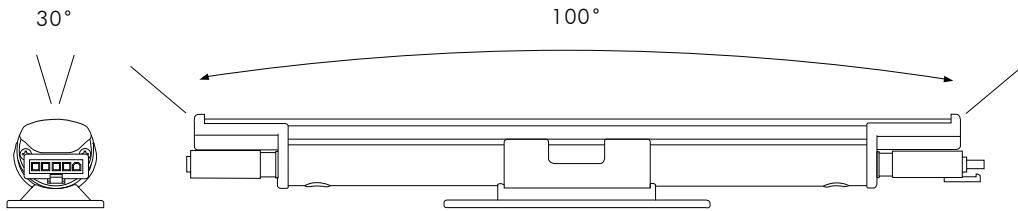


Angle Adjustment



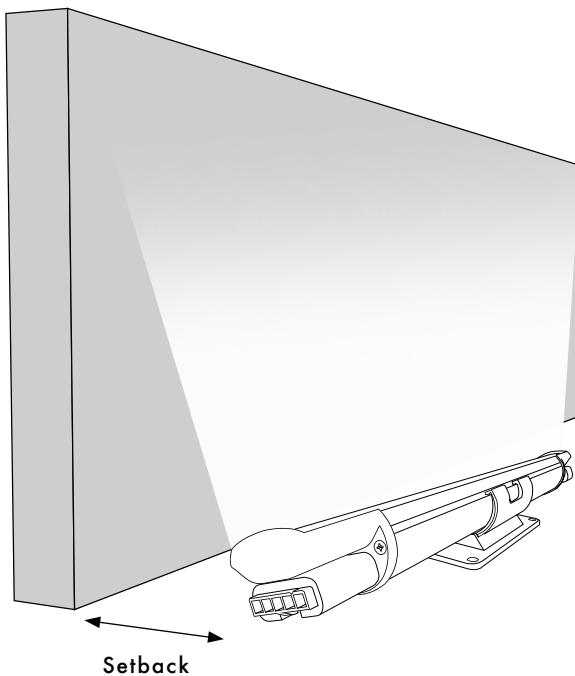
Compatible Dimmers

- Grafik Eye QS with Grafik Eye GRX-TVI
- Legrand CD4FBLW
- Legrand LMRC-111
- Leviton IP710-DL
- Lutron Skylark SLV-600P



Wallwash Optic.

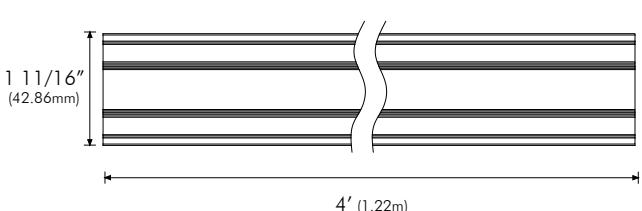
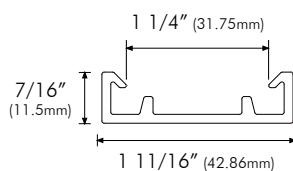
Wall wash any indoor application with its integral linear optic of 30° x 100° for a precise beam pattern with no color over angle, no striations and no dark spots up to 20ft (6m).



Setback Chart

10ft Wall 1ft

Recommended Setback from wall is 1/10 of wall height.



MODA MINI GRAZE MOUNTING TRACK

Mounting Mini Graze.

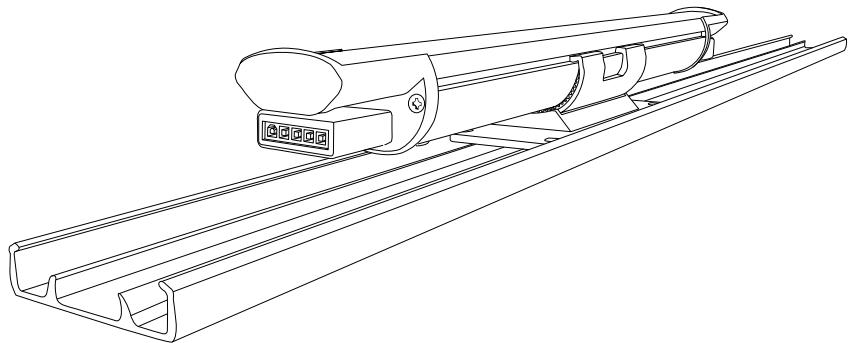
Allows users to install Moda Mini Graze fixtures in a continuous linear position. Moda Mini Graze Mounting Tracks come packaged in 5 pieces of 4ft sections to create a continuous run of 20ft.

Options

Finish G - Gray

Length 4ft - 4' Sections

Quantity 5 Pieces (20ft)



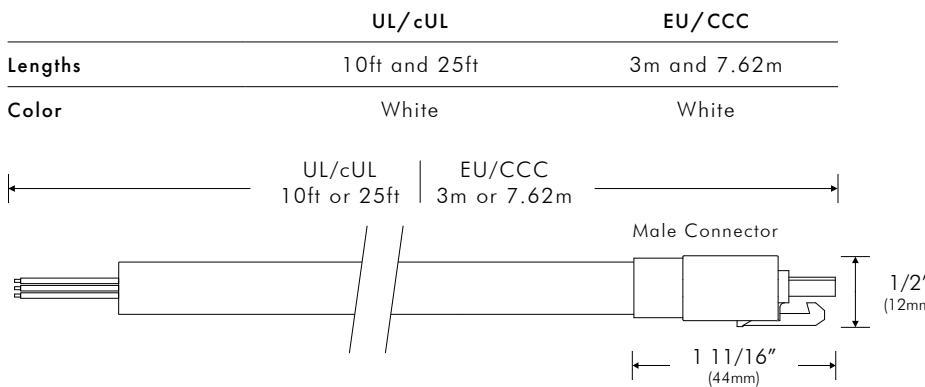
Physical

Applications Graze, Accent

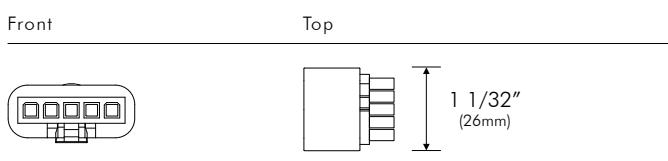
Construction Polycarbonate

0-10V LEADER CABLES

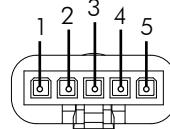
Moda Mini Cove Interior 5 Pin Leader Cables



Male Connector



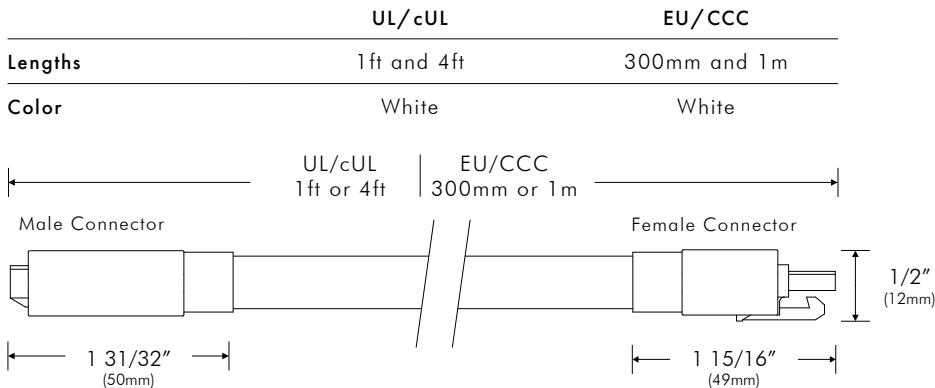
Pin Assignment



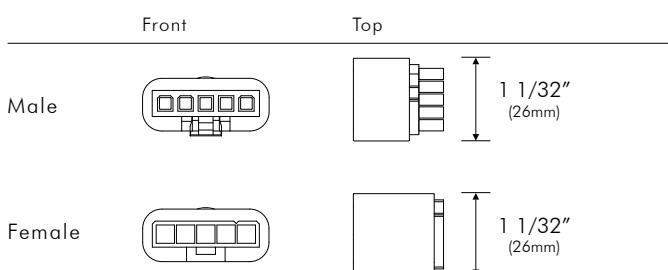
	UL/cUL	EU/CCC
1	Live 100-277V	Black
2	Neutral	White
3	Ground	Green
4	Data Positive	Purple
5	Data Negative	Gray

0-10V JUMPER CABLES

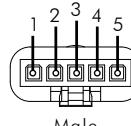
Moda Mini Cove Interior 5 Pin Jumper Cables



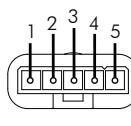
Connectors



Pin Assignment



	UL/cUL	EU/CCC
1	Live 100-277V	Black
2	Neutral	White
3	Ground	Green
4	Data Positive	Purple
5	Data Negative	Gray



	UL/cUL	EU/CCC
1	Data Negative	Gray
2	Data Positive	Purple
3	Ground	Green
4	Neutral	White
5	Live 100-277V	Black

Fixture	SKU
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 1800K HCRI 1FT 30X100	135-1001
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 2200K HCRI 1FT 30X100	135-1003
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 2700K HCRI 1FT 30X100	135-1005
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 3000K HCRI 1FT 30X100	135-1006
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 3500K HCRI 1FT 30X100	135-1008
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 4000K HCRI 1FT 30X100	135-1009
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 6500K HCRI 1FT 30X100	135-1014
Moda Mini Graze Interior High Output Silver 0-10V Dimming 1800K HCRI 1FT 30X100	135-1201
Moda Mini Graze Interior High Output Silver 0-10V Dimming 2200K HCRI 1FT 30X100	135-1203
Moda Mini Graze Interior High Output Silver 0-10V Dimming 2700K HCRI 1FT 30X100	135-1205
Moda Mini Graze Interior High Output Silver 0-10V Dimming 3000K HCRI 1FT 30X100	135-1206
Moda Mini Graze Interior High Output Silver 0-10V Dimming 3500K HCRI 1FT 30X100	135-1208
Moda Mini Graze Interior High Output Silver 0-10V Dimming 4000K HCRI 1FT 30X100	135-1209
Moda Mini Graze Interior High Output Silver 0-10V Dimming 6500K HCRI 1FT 30X100	135-1214
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 1800K HCRI 4FT 30X100	135-3001
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 2200K HCRI 4FT 30X100	135-3003
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 2700K HCRI 4FT 30X100	135-3005
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 3000K HCRI 4FT 30X100	135-3006
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 3500K HCRI 4FT 30X100	135-3008
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 4000K HCRI 4FT 30X100	135-3009
Moda Mini Graze Interior Standard Output Silver 0-10V Dimming 6500K HCRI 4FT 30X100	135-3014
Moda Mini Graze Interior High Output Silver 0-10V Dimming 1800K HCRI 4FT 30X100	135-3201
Moda Mini Graze Interior High Output Silver 0-10V Dimming 2200K HCRI 4FT 30X100	135-3203
Moda Mini Graze Interior High Output Silver 0-10V Dimming 2700K HCRI 4FT 30X100	135-3205
Moda Mini Graze Interior High Output Silver 0-10V Dimming 3000K HCRI 4FT 30X100	135-3206
Moda Mini Graze Interior High Output Silver 0-10V Dimming 3500K HCRI 4FT 30X100	135-3208
Moda Mini Graze Interior High Output Silver 0-10V Dimming 4000K HCRI 4FT 30X100	135-3209
Moda Mini Graze Interior High Output Silver 0-10V Dimming 6500K HCRI 4FT 30X100	135-3214

Accessories	Description	SKU
Leader Cable US 5 Pin 10ft	Power to first fixture of run	299-0100
Leader Cable US 5 Pin 25ft	Power to first fixture of run	299-0102
Jumper Cable US 5 Pin 1ft	Connection between fixtures	299-1100
Jumper Cable US 5 Pin 4ft	Connection between fixtures	299-1102
Leader Cable EU 5 Pin 3m	Power to first fixture of run	299-0101
Leader Cable EU 5 Pin 7.62m	Power to first fixture of run	299-0103
Jumper Cable EU 5 Pin 300mm	Connection between fixtures	299-1101
Jumper Cable EU 5 Pin 1m	Connection between fixtures	299-1103
Terminator 5 Pin	Must be fixed to last fixture for safety	299-2100
Mounting Track	Allows user to install fixtures in a continuous linear position. Packaged in 5 4ft sections in total of 20ft.	299-3200