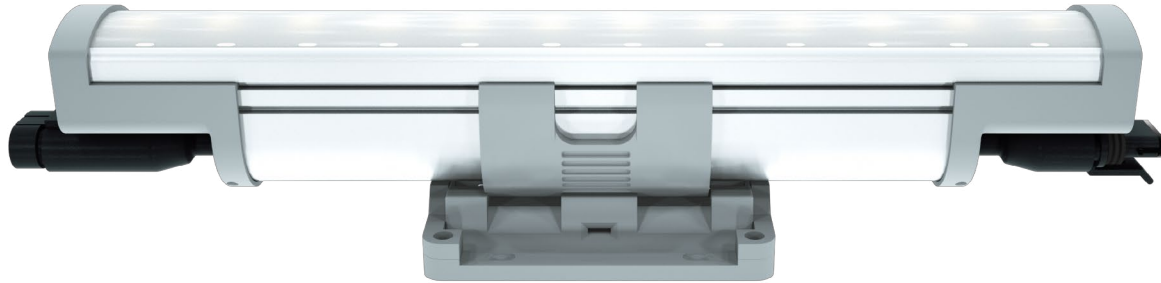


Client: _____ Project Name: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____



Specification Grade Premium Exterior Cove Fixture.

MODA COVE Exterior is a new patent pending cove lighting system designed for exterior 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. Choose between Electronic Low Voltage and DALI dimming with 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.

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 degrees 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.

PAGE

3 FEATURES

4 1 FOOT

5 4 FOOT

6 TM30

7 TM30 CONTINUED

8 ELV WIRING

9 DALI WIRING

10 ACCESSORIES: LEADER CABLES

11 ACCESSORIES: JUMPER CABLES

12 ACCESSORIES: SUMMARY

13 ITEM NUMBER

PHYSICAL

Lengths	1ft & 4ft sections available
Applications	Cove, Accent & Indirect General Illumination
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Lens
Ingress Protection	Wet Location IP66
Thermal Management	MODA Aluminum Heat Sink
Beam Angle	120°
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, DALI
Power Factor	≥ 0.98
Emergency	N/A

CCT

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

• Available

MODA TECHNOLOGY

moda**SOFT**[™]

moda**DIM**[™]

moda**DALI**[™]

moda**COMMUNICATE**[™]

moda**CUE**[™]

moda**GUARD**[™]

moda**SEAL**[™]

moda**DRIVER**[™]

moda**PHOSPHOR**[™]

moda**THERMAL MANAGEMENT**[™]

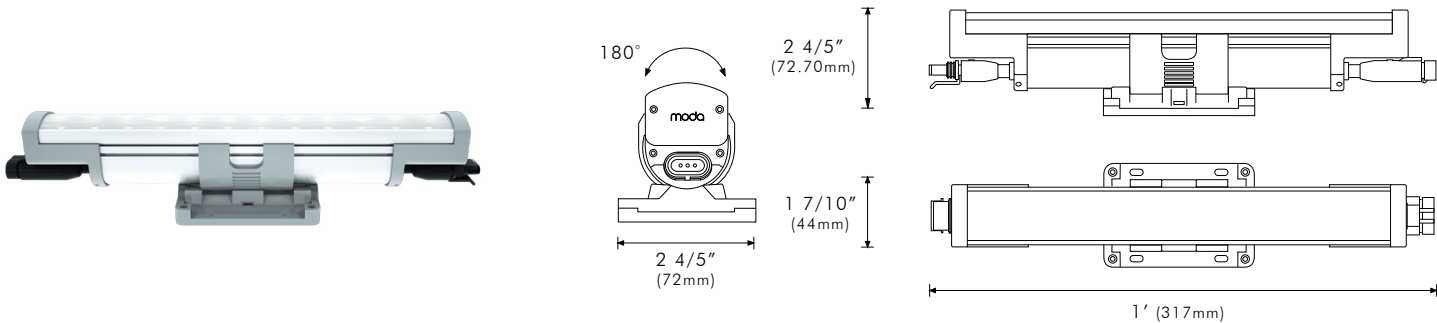
moda**BIN**[™]

moda**HIGH CRI**[™]

moda**KWIK CONNECT**[™]



Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, C-Tick, RoHS, & WEEE Compliant.
Class	1
Warranty	3 Year Limited Warranty

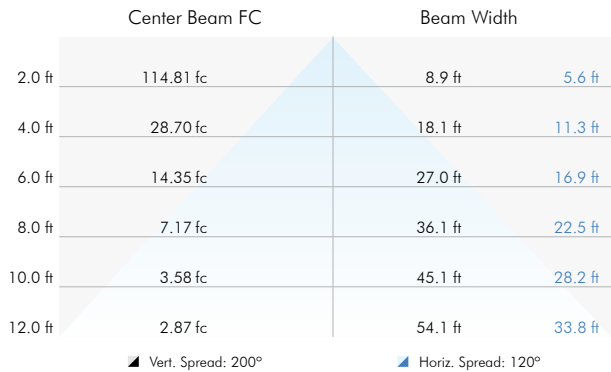


ELV | DALI

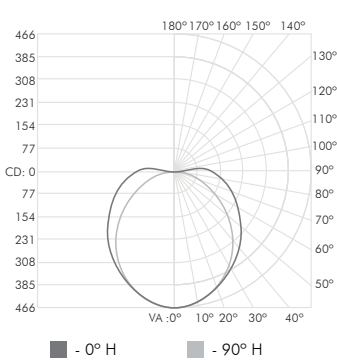
	CCT	Lumens	CRI	Efficacy
LO	2200K	250.50	94	62.63
	2700K	310.00	94	77.50
	3000K	332.00	94	83.00
	3500K	344.00	94	86.00
	4000K	352.00	94	100.43
SO	2200K	339.80	95	67.90
	2700K	450.67	95	90.13
	3000K	490.25	95	98.05
	3500K	491.33	95	98.26
	4000K	493.84	95	98.76
SO+	2200K*	-	-	-
	2700K	790.08	96	79.00
	3000K	792.00	96	79.20
	3500K	795.05	96	79.50
	4000K	801.05	96	80.10
HO	2200K*	-	-	-
	2700K	1040.26	97	104.26
	3000K	1160.36	97	116.00
	3500K	1208.10	97	120.00
	4000K	1257.15	97	125.00
HO+	2200K	1085.20	98	108.52
	2700K	1219.79	98	121.97
	3000K	1223.56	98	122.35
	3500K	1236.09	98	123.60
	4000K	1240.01	98	124.00

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

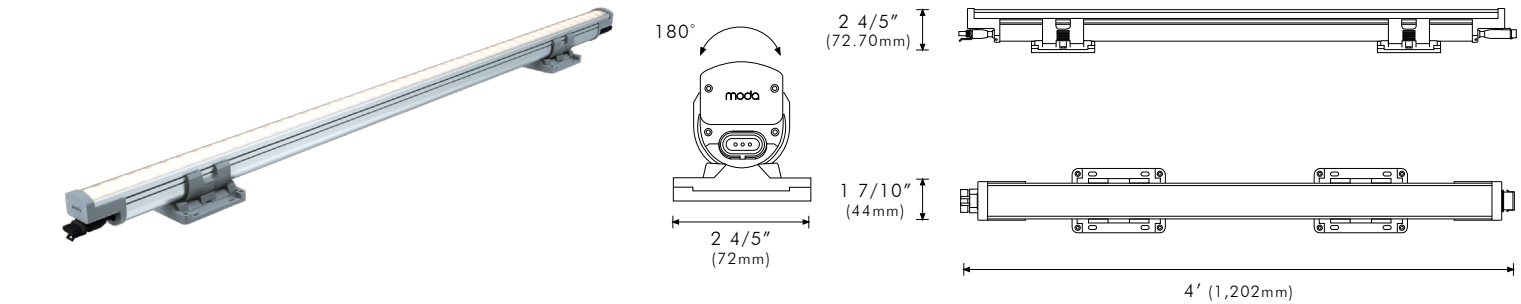
Illuminance at a Distance (4000K)



Polar Candela Distribution (4000K)



*2200k not available for SO+ or HO



ELV | DALI

	CCT	Lumens	CRI	Efficacy	Power Consumption		Max Run Length	
					100-277V AC		120V AC	277V AC
LO	2200K	1002.00	94	62.63				
	2700K	1234.00	94	77.13				
	3000K	1316.00	94	82.25				
	3500K	1366.00	94	85.83				
	4000K	1406.00	94	87.87				
SO	2200K	1368.11	95	71.00				
	2700K	1783.10	95	93.84				
	3000K	1820.18	96	95.79				
	3500K	1900.45	95	100.02				
	4000K	1966.00	95	103.47				
SO+	2200K*	-	-	-				
	2700K	3161.67	96	79.01				
	3000K	3168.23	96	79.20				
	3500K	3185.20	96	79.63				
	4000K	3208.40	96	80.21				
HO	2200K*	-	-	-				
	2700K	4164.02	97	104.00				
	3000K	4635.40	97	115.00				
	3500K	4832.40	97	120.81				
	4000K	5012.60	97	125.00				
HO+	2200K	4300.80	98	107.52				
	2700K	4587.96	98	114.69				
	3000K	4794.28	98	114.69				
	3500K	4844.63	98	121.11				
	4000K	4960.04	98	124.00				

Power Consumption

LO	16W	180 ft	360 ft
SO	19W	120 ft	240 ft
SO+	40W	60 ft	120 ft
HO	40W	60 ft	120 ft
HO+	40W	60 ft	120 ft

Illuminance at a Distance (4000K)

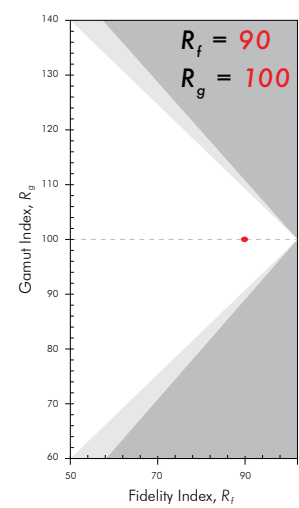
	Center Beam FC	Beam Width
2.0 ft	459.26 fc	8.9 ft
4.0 ft	114.81 fc	18.1 ft
6.0 ft	57.40 fc	27.0 ft
8.0 ft	28.70 fc	36.1 ft
10.0 ft	14.35 fc	45.1 ft
12.0 ft	11.48 fc	54.1 ft

■ Vert. Spread: 200° ■ Horiz. Spread: 120°

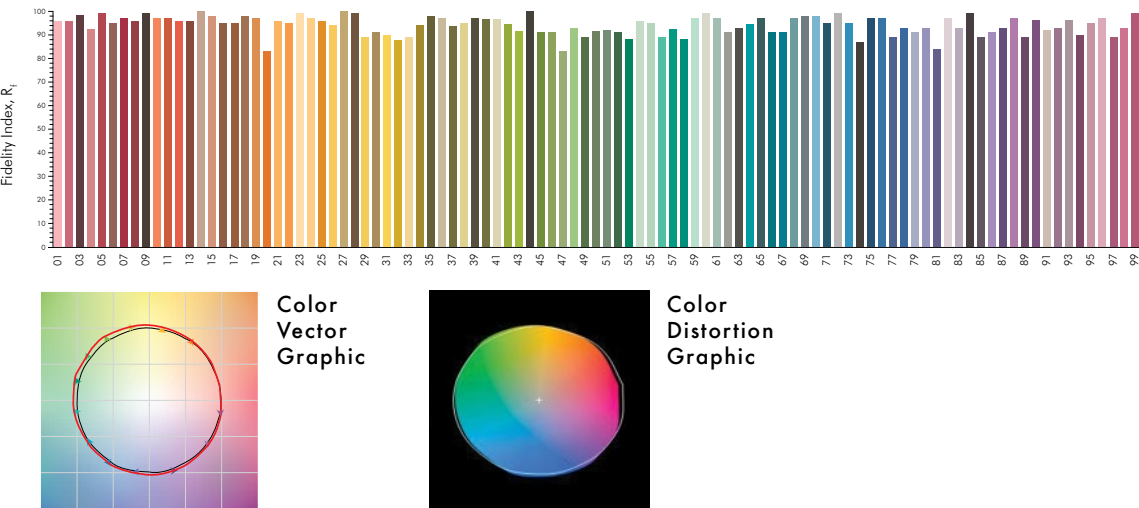
Polar Candela Distribution (4000K)

*2200k not available for SO+ or HO

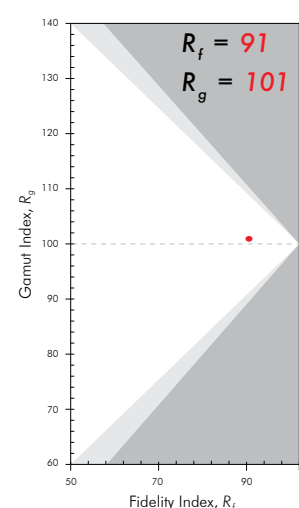
2200K TM30



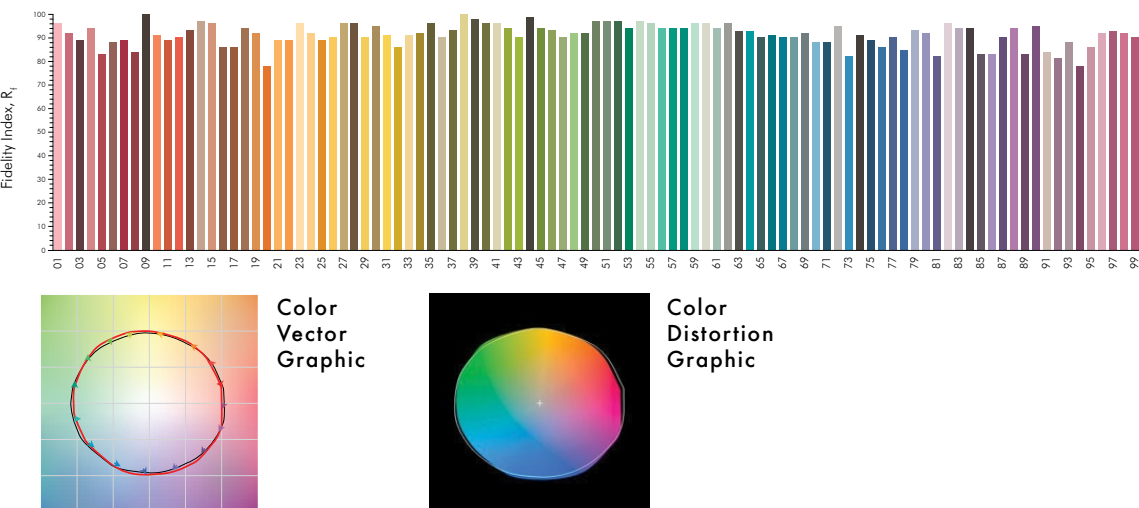
Color Evaluation Sample



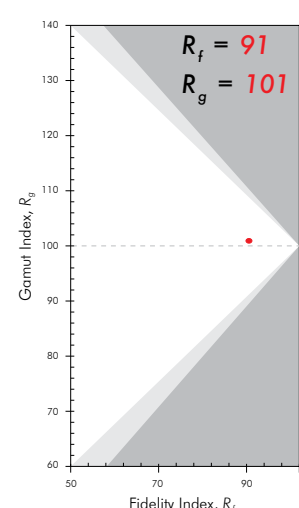
2700K TM30



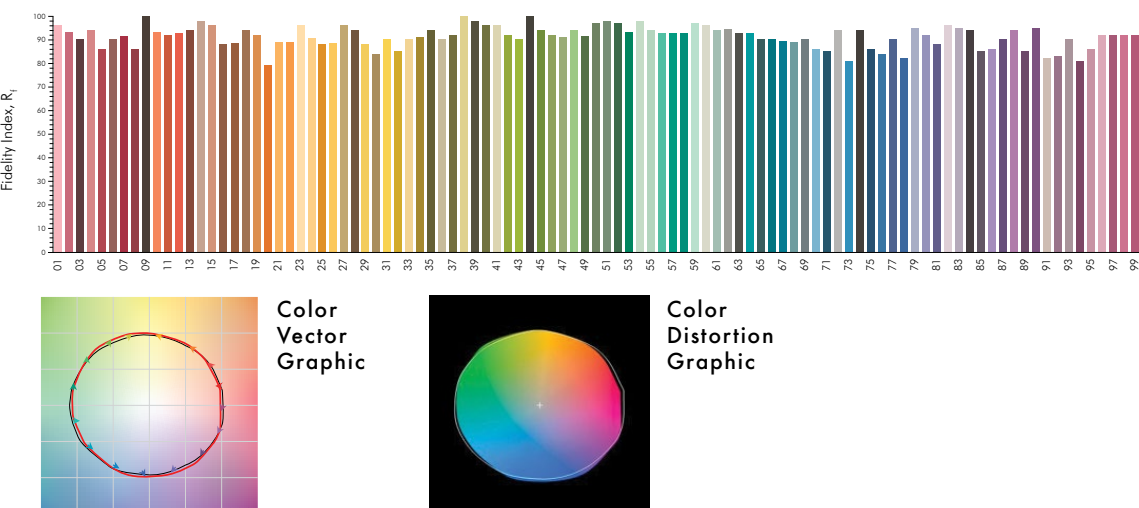
Color Evaluation Sample



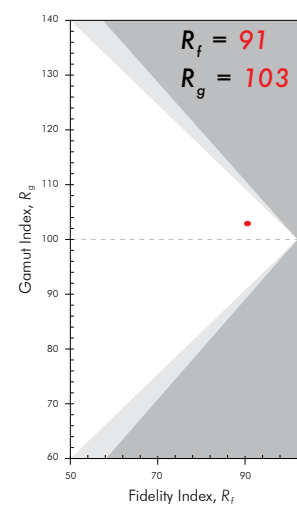
3000K TM30



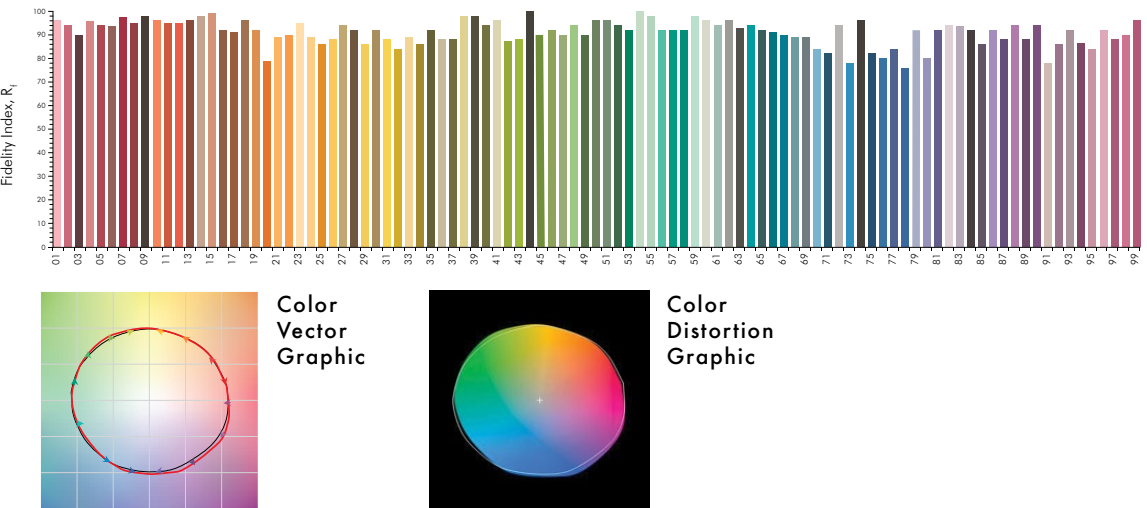
Color Evaluation Sample



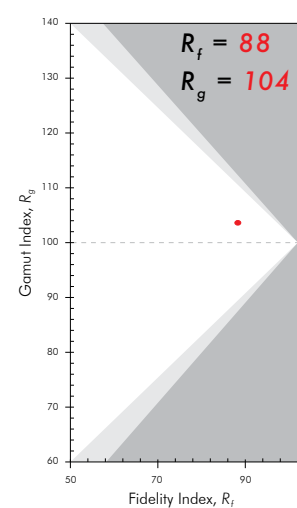
3500K TM30



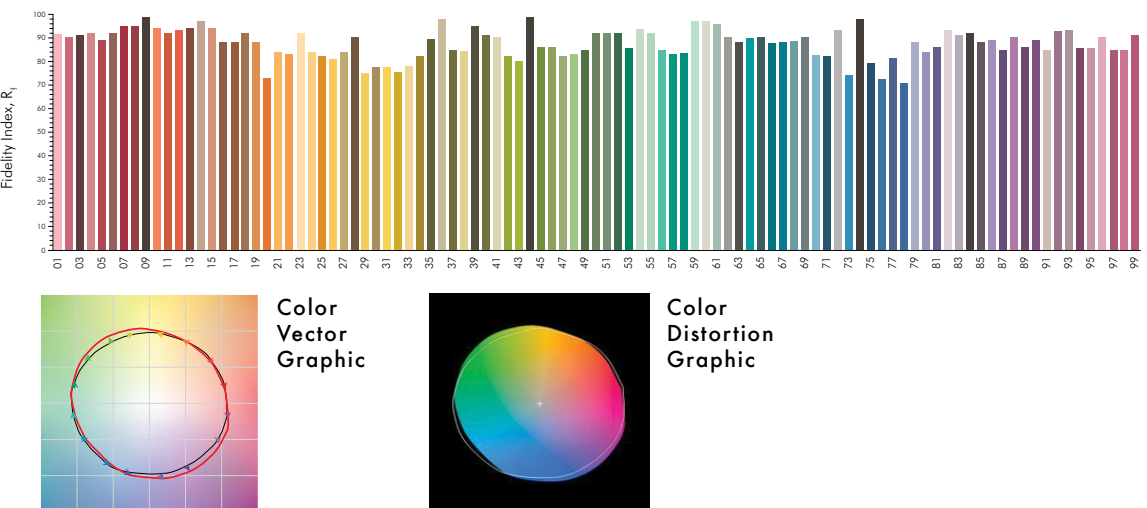
Color Evaluation Sample

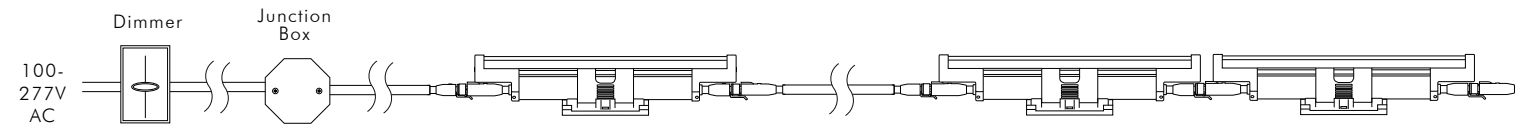


4000K TM30

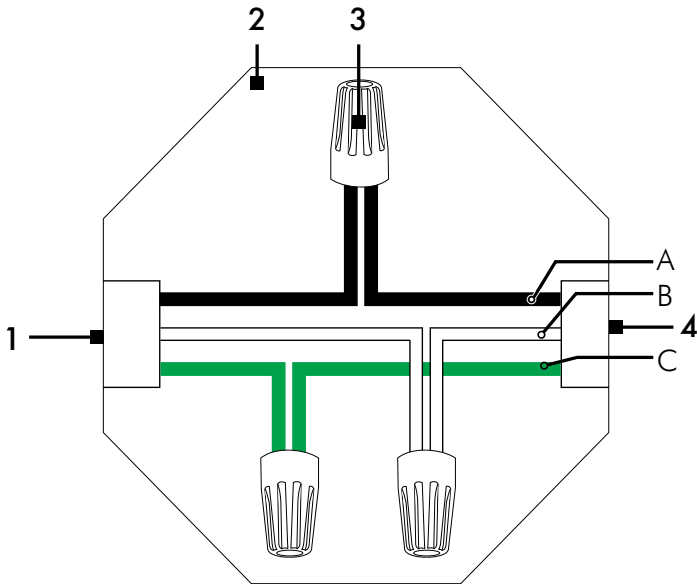


Color Evaluation Sample

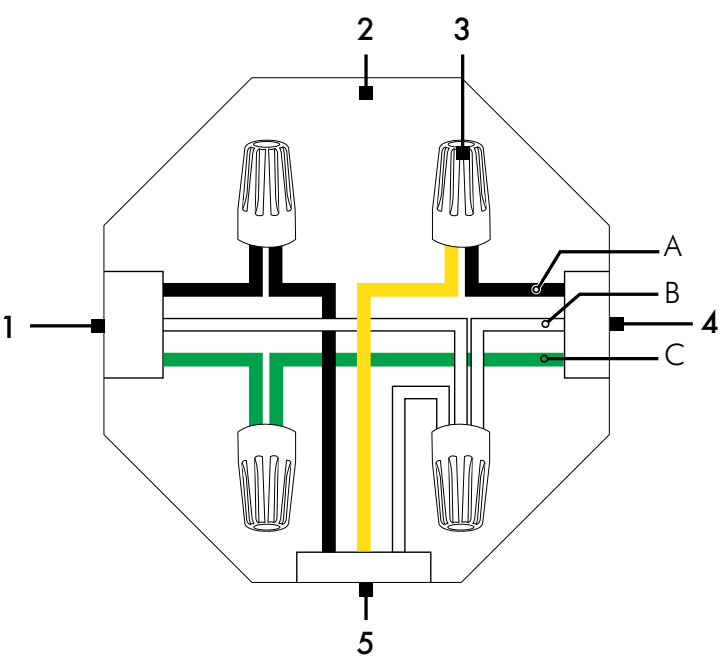




UL / cUL Non-dimming



UL / cUL ELV Dimming



Wiring Legend

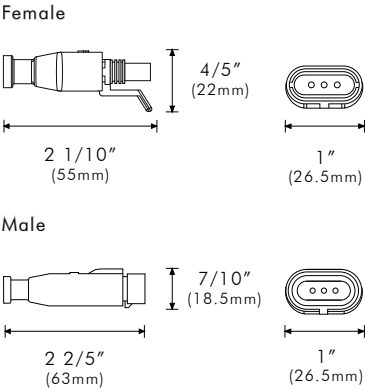
1	Power 100-277V
2	Junction Box
3	Wiring Nuts
4	3 Pin Leader Cable
5	ELV Dimmer

3 Pin Leader Cable

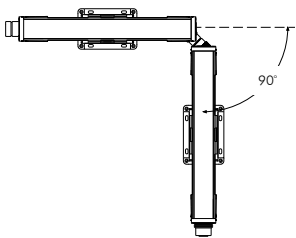
	UL/cUL	CE/CCC*
A Live 100-277V	Black	Brown
B Neutral	White	Blue
C Ground	Green/ Yellow	Yellow/ Green

*not illustrated

ELV Connectors

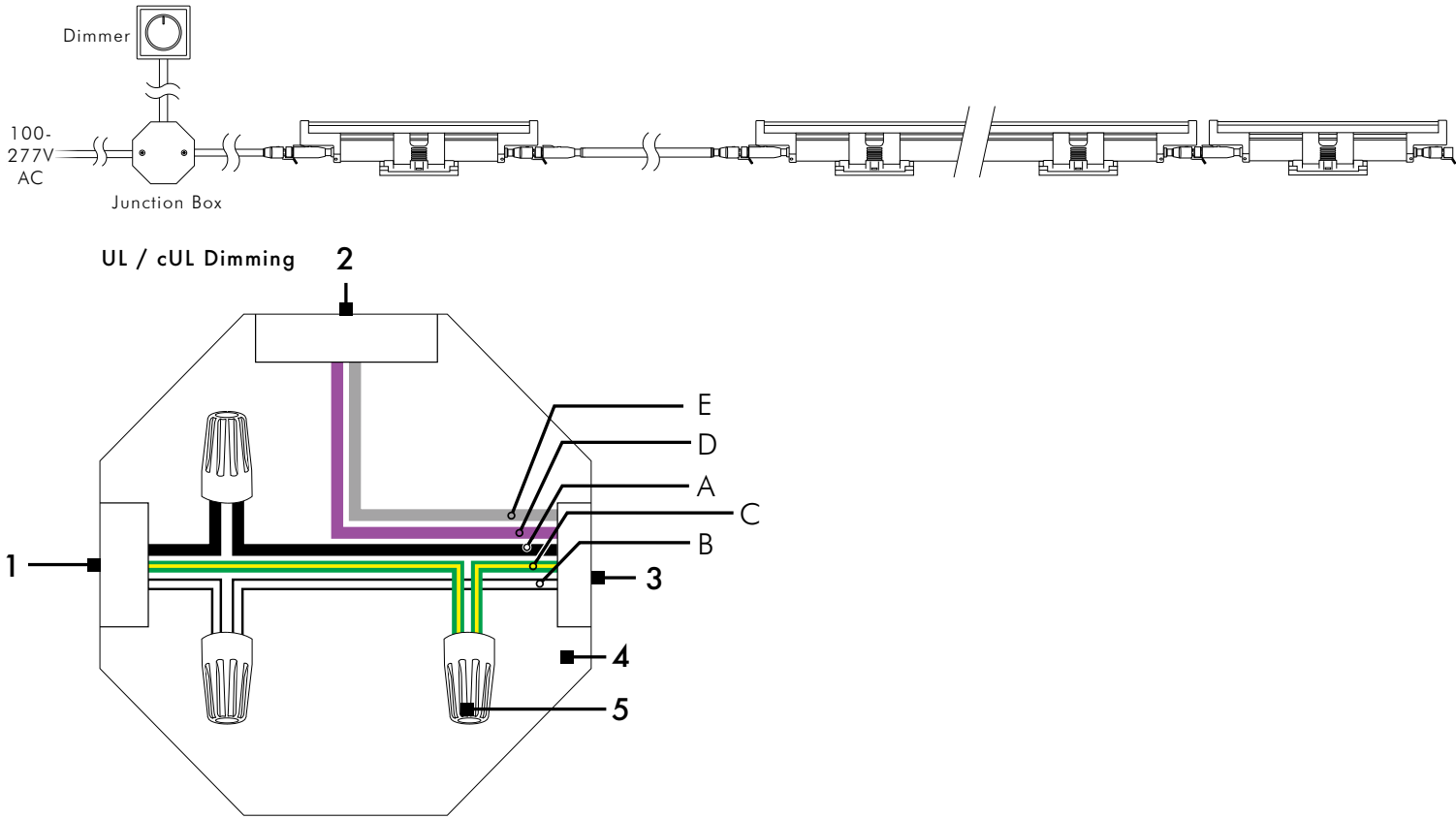


Angle Adjustment



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



Wiring Legend

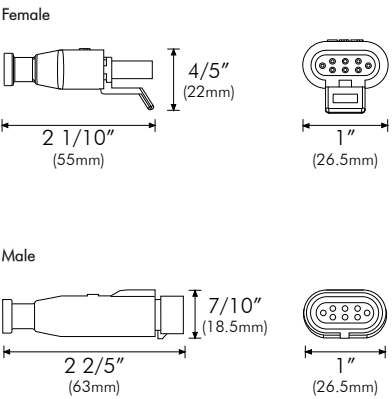
1	Power 100-277V
2	DALI Dimmer
3	8 Pin Leader Cable
4	Junction Box
5	Wiring Nuts

8 Pin Leader Cable

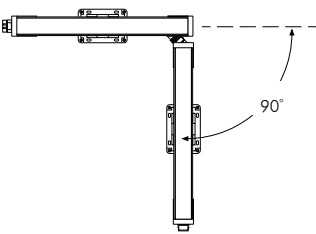
	UL/cUL	CE/CCC*
A Live 100-277V	Black	Brown
B Neutral	White	Blue
C Ground	Green/ Yellow	Yellow/ Green
D DA +	Purple	Purple
E DA -	Gray	Gray

*not illustrated

DALI Connectors



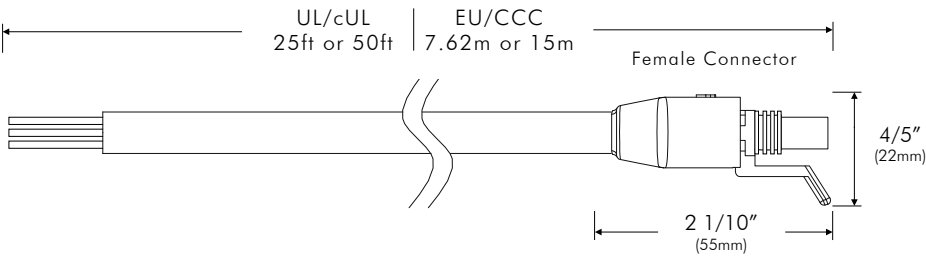
Angle Adjustment



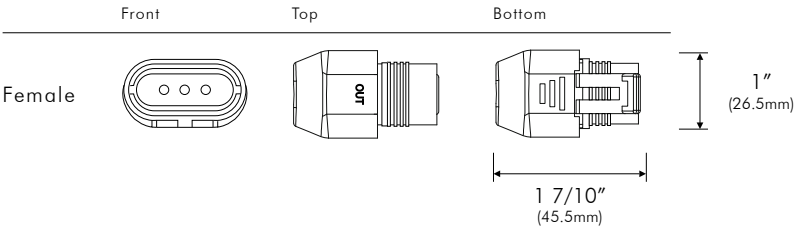
ELV

Moda Cove Exterior 3 Pin Leader Cables

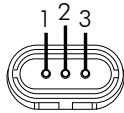
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	Black	Black



Connectors



Pin Assignment



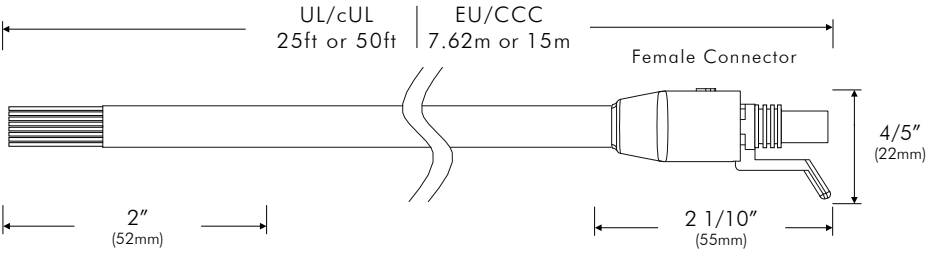
Female

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

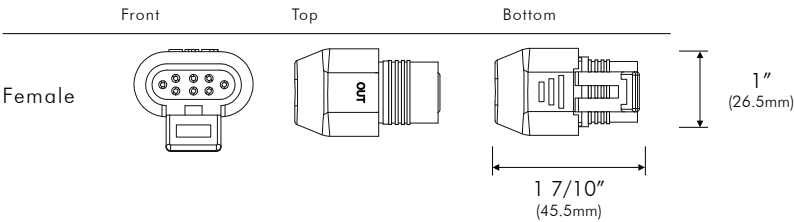
DALI

Moda Cove Exterior 8 Pin Leader Cables

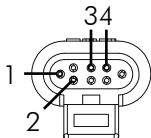
	UL/cUL	EU/CCC
Lengths	25ft and 50ft	7.62m and 15m
Color	White	White



Connectors



Pin Assignment



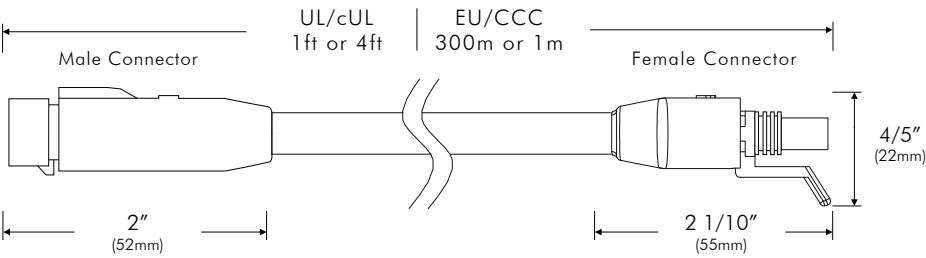
Female

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

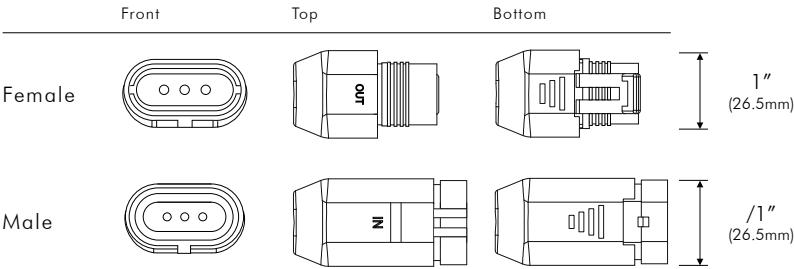
ELV

Moda Cove Exterior 3 Pin Jumper Cables

	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	Black	Black



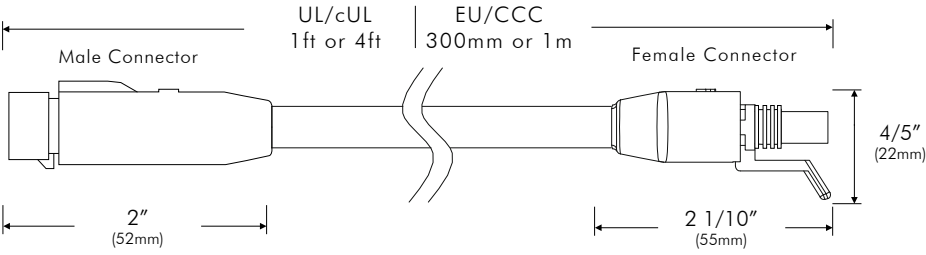
Connectors



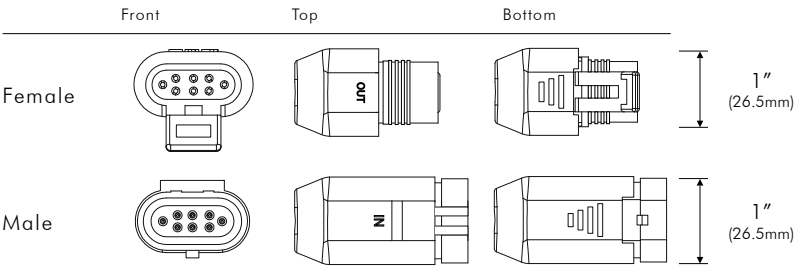
DALI

Moda Cove Exterior 8 Pin Jumper Cables

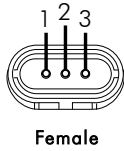
	UL/cUL	EU/CCC
Lengths	1ft and 4ft	300mm and 1m
Color	White	White



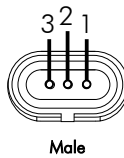
Connectors



Pin Assignment

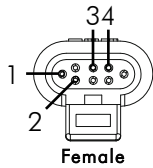


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Yellow/Green
3 Neutral	White	Blue

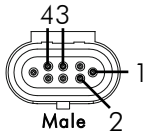


	UL/cUL	EU/CCC
1 Live 100-277V	Black	Brown
2 Ground	Green	Yellow/Green
3 Neutral	White	Blue

Pin Assignment



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



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

	NAME	SKU	DESCRIPTION
ELV	Leader Cable US 3 Pin 25ft	MLCE-US-3PIN-B-25FT	Power to first fixture of run
	Leader Cable US 3 Pin 50ft	MLCE-US-3PIN-B-50FT	Power to first fixture of run
	Jumper Cable US 3 Pin 1ft	MJCE-US-3PIN-B-1FT	Connection between fixtures
	Jumper Cable US 3 Pin 4ft	MJCE-US-3PIN-B-4FT	Connection between fixtures
	Leader Cable EU 3 Pin 7.62m	MLCE-EU-3PIN-B-7.62M	Power to first fixture of run
	Leader Cable EU 3 Pin 15m	MLCE-EU-3PIN-B-15M	Power to first fixture of run
	Jumper Cable EU 3 Pin 300mm	MJCE-EU-3PIN-B-300MM	Connection between fixtures
	Jumper Cable EU 3 Pin 1m	MJCE-EU-3PIN-B-1M	Connection between fixtures
	Terminator 3 Pin	MTE-3PIN-B	Must be fixed to last fixture for safety
DALI	Leader Cable US 8 Pin 25ft	MLCE-US-8PIN-B-25FT	Power to first fixture of run
	Leader Cable US 8 Pin 50ft	MLCE-US-8PIN-B-50FT	Power to first fixture of run
	Jumper Cable US 8 Pin 1ft	MJCE-US-8PIN-B-1FT	Connection between fixtures
	Jumper Cable US 8 Pin 4ft	MJCE-US-8PIN-B-4FT	Connection between fixtures
	Leader Cable EU 8 Pin 7.62m	MLCE-EU-8PIN-B-7.62M	Power to first fixture of run
	Leader Cable EU 8 Pin 15m	MLCE-EU-8PIN-B-15M	Power to first fixture of run
	Jumper Cable EU 8 Pin 300mm	MJCE-EU-8PIN-B-300MM	Connection between fixtures
	Jumper Cable EU 8 Pin 1m	MJCE-EU-8PIN-B-1M	Connection between fixtures
	Terminator 8 Pin	MTE-8PIN-B	Must be fixed to last fixture for safety
	Exterior Bracket Lock	MCGE-BL-G	Locks bracket in place



COMPLETE SKU SAMPLE: MCE-SO-S1-S-35H-1

A - FIXTURE & LOCATION

MCE	—	Moda Cove Exterior
-----	---	--------------------

E - DIMMING

BLANK	—	ELV
D	—	DALI

B - LIGHT OUTPUT

LO	—	Low Output
SO	—	Standard Output
SOP	—	Standard Output Plus
HO	—	High Output
HOP	—	High Output Plus

F - LED COLOR

22H*	—	2200K HCRI
27H	—	2700K HCRI
3H	—	3000K HCRI
35H	—	3500K HCRI
4H	—	4000K HCRI

* Available only for LO, SO, HOP

C - SERIES NUMBER

S1	—	Series 1
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D - PRODUCT FINISH

S	—	Silver
---	---	--------

G - LENGTH

1	—	1FT
4	—	4FT