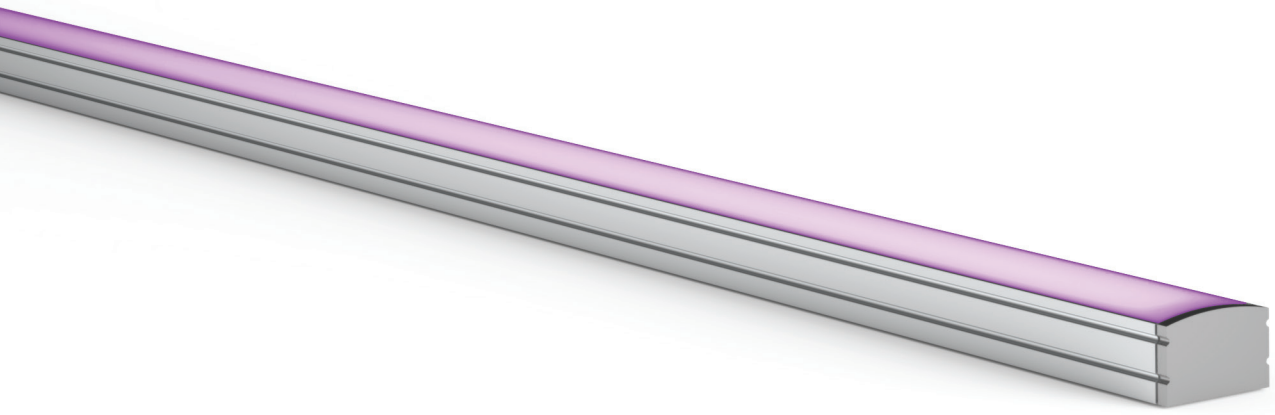
MOFFETT

Pre-Built Fixture - RGB

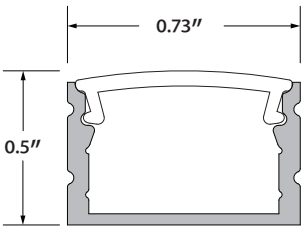


Project: _____ Type: _____

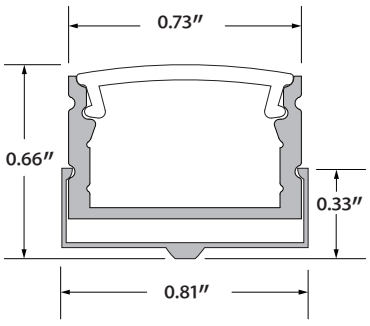
- Over 60 million color-changing combinations.
- Delivered ready to install with integrated light engine, housing, and factory-installed power leads.
- Available in fixture lengths from 1 ft to 6.5 ft to accommodate a wide range of architectural applications.
- Optimized optical design provides smooth, uniform color blending with no visible color separation.
- Precision manufacturing ordering chart uniforms process and consistency across all fixture lengths.
- Compatible with DMX and other supported lighting control systems for dynamic scenes, color tuning, and automation.
- Low Voltage 24V DC
- IP54 Rating
- 5 Year Warranty

Dimensions

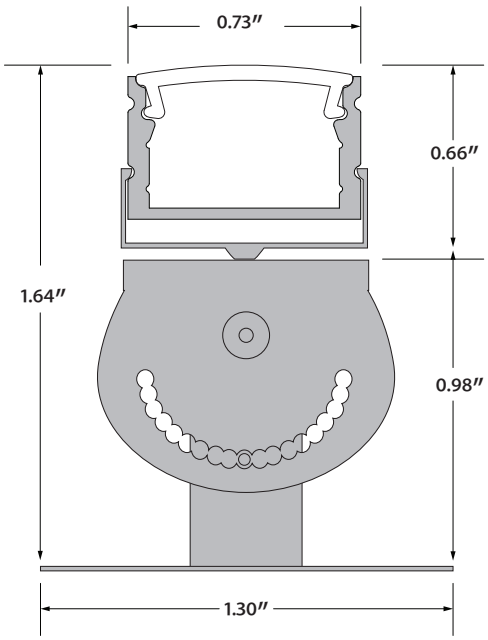
Standard



Metal Clip



Adjustable Bracket



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Specification

PRODUCT CODE	LIGHT SOURCE	LOCATION	COLOR/CCT	FINISH	LENS	FIRST POWER LEAD	FIRST POSITION TYPE	SECOND POWER LEAD	SECOND POSITION TYPE	MOUNTING	LENGTH
MOFT	**FUS**	**I**	**RGB**								
MOFT = Moffett	**FUS** = FuseTape	**I** = Indoor	**RGB** = Red, Green, Blue color mixing	**SL** = Silver **BK** = Black **WH** = White	**OP** = Opal **CL** = Clear **DF** = Deffused **SL** = Silicone	**B4B24** = 24" 4 Bare Wire Power Lead, Black **B4W24** = 24" 4 Bare Wire Power Lead, White **P4B24** = 24" 4 Planum Rated Bare Wire Power Lead, Black **P4W24** = 24" 4 Planum Rated Bare Wire Power Lead, White	**F** = Front **B** = Bottom **L** = Left **R** = Right	**B4B24** = 24" 4 Bare Wire Power Lead, Black **B4W24** = 24" 4 Bare Wire Power Lead, White **P4B24** = 24" 4 Planum Rated Bare Wire Power Lead, Black **P4W24** = 24" 4 Planum Rated Bare Wire Power Lead, White **DED** = Dead End	**F** = Front **B** = Bottom **L** = Left **R** = Right **N** = Non Apply (End Cap)	**C** = Clip **J** = Adjustable	**See Chart**

Specification - Lens Type

Output - Clear Lens				
Kelvin Temperature	Red	Green	Blue	RGB
Lumens/ft	51.057	154.38	41.292	236.22
Efficacy (Lm/W)	n/a	n/a	n/a	n/a
CRI	n/a	n/a	n/a	58
Wavelength	629	523	470	n/a
Measured Power W/ft	1.4	1.9	1.7	5.3
Listed Power W/ft.	4.4			
Max Run	21'			

Output - Silicone Lens				
Kelvin Temperature	Red	Green	Blue	RGB
Lumens/ft	42.822	129.48	34.632	198.12
Efficacy (Lm/W)	n/a	n/a	n/a	n/a
CRI	n/a	n/a	n/a	58
Wavelength	629	523	470	n/a
Measured Power W/ft	1.4	1.9	1.7	5.3
Listed Power W/ft.	4.4			
Max Run	21'			

Output - Diffused Lens				
Kelvin Temperature	Red	Green	Blue	RGB
Lumens/ft	42.273	127.82	34.188	195.58
Efficacy (Lm/W)	n/a	n/a	n/a	n/a
CRI	n/a	n/a	n/a	58
Wavelength	629	523	470	n/a
Measured Power W/ft	1.4	1.9	1.7	5.3
Listed Power W/ft.	4.4			
Max Run	21'			

Output - Opal Lens				
Kelvin Temperature	Red	Green	Blue	RGB
Lumens/ft	35.136	106.24	28.416	162.56
Efficacy (Lm/W)	n/a	n/a	n/a	n/a
CRI	n/a	n/a	n/a	58
Wavelength	629	523	470	n/a
Measured Power W/ft	1.4	1.9	1.7	5.3
Listed Power W/ft.	4.4			
Max Run	21'			

n/a = Not Applicable
CF = Call Factory for updated data

Overall Specification

Electrical	
Input Voltage	24V DC
Control System	DMX
Physical	
LED	3535 (RGB)
Operating Temperature	-40°C to 60°C (-40°F to 140°F)

Certification and Testing	
Certification	cULus
Environment	Damp Location
IP Rating	IP54
Warranty	5 years

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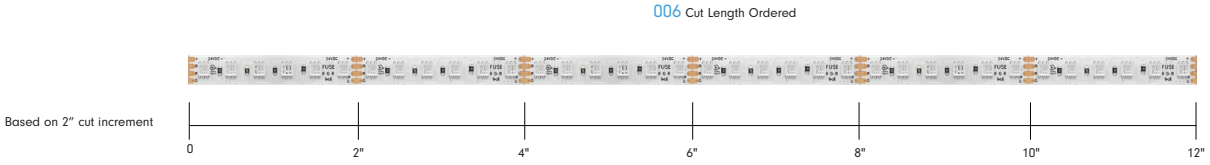
Length Order Guide (Front - Front)

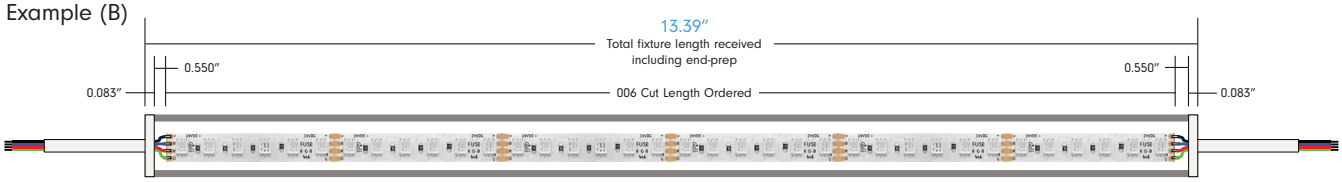
Note: Use "**Cut Increment**" number for order enty information (see chart below)

Order information is based on total amount of cut incrments needed within a single run - See example (A) below.
Total product length received will include added end-prep of choice within a tolerance (± 0.25") - See example (B) below

Example (A)



Example (B)



CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS 4.4W	NOMINAL LENGTH
005	12.38	1.03	4.07	1'
006	13.39	1.12	4.44	
007	15.41	1.28	5.18	
008	17.43	1.45	5.93	
009	19.45	1.62	6.67	
010	21.47	1.79	7.41	
011	23.49	1.96	8.15	2'
012	25.51	2.13	8.89	
013	27.53	2.29	9.63	
014	29.55	2.46	10.37	
015	31.57	2.63	11.11	
016	33.59	2.80	11.85	
017	35.61	2.97	12.59	3'
018	37.63	3.14	13.33	
019	39.65	3.30	14.07	
020	41.67	3.47	14.81	
021	43.69	3.64	15.55	
022	45.71	3.81	16.29	
023	47.73	3.98	17.04	4'
024	49.75	4.15	17.78	
025	51.77	4.31	18.52	
026	53.79	4.48	19.26	
027	55.81	4.65	20.00	
028	57.83	4.82	20.74	
029	59.85	4.99	21.48	5'
030	61.87	5.16	22.22	
031	63.89	5.32	22.96	
032	65.91	5.49	23.70	
033	67.93	5.66	24.44	
034	69.95	5.83	25.18	
035	71.97	6.00	25.92	6'
036	73.99	6.17	26.66	
037	76.01	6.33	27.40	
038	78.03	6.50	28.15	6.5'

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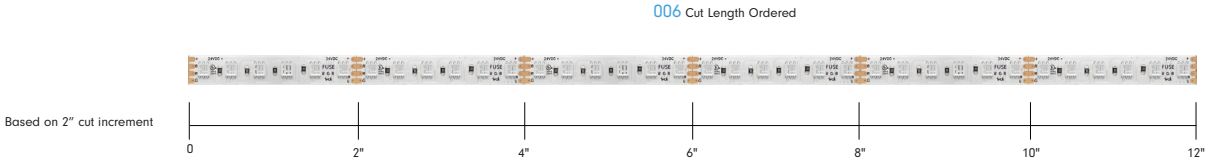
Length Order Guide (Front - Non Apply DED)

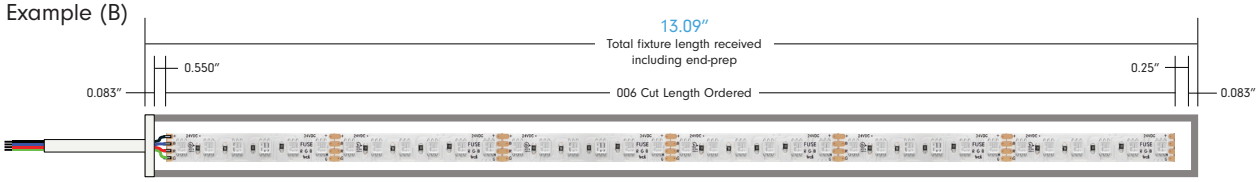
Note: Use "**Cut Increment**" number for order enty information (see chart below)

Order information is based on total amount of cut incrments needed within a single run - See example (A) below.
Total product length received will include added end-prep of choice within a tolerance (± 0.25") - See example (B) below

Example (A)



Example (B)



CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS 4.4W	NOMINAL LENGTH
005	12.08	1.01	4.07	1'
006	13.09	1.09	4.44	
007	15.11	1.26	5.18	
008	17.13	1.43	5.93	
009	19.15	1.60	6.67	
010	21.17	1.76	7.41	
011	23.19	1.93	8.15	2'
012	25.21	2.10	8.89	
013	27.23	2.27	9.63	
014	29.25	2.44	10.37	
015	31.27	2.61	11.11	
016	33.29	2.77	11.85	
017	35.31	2.94	12.59	3'
018	37.33	3.11	13.33	
019	39.35	3.28	14.07	
020	41.37	3.45	14.81	
021	43.39	3.62	15.55	
022	45.41	3.78	16.29	
023	47.43	3.95	17.04	4'
024	49.45	4.12	17.78	
025	51.47	4.29	18.52	
026	53.49	4.46	19.26	
027	55.51	4.63	20.00	
028	57.53	4.79	20.74	
029	59.55	4.96	21.48	5'
030	61.57	5.13	22.22	
031	63.59	5.30	22.96	
032	65.61	5.47	23.70	
033	67.63	5.64	24.44	
034	69.65	5.80	25.18	
035	71.67	5.97	25.92	6'
036	73.69	6.14	26.66	
037	75.71	6.31	27.40	
038	77.73	6.48	28.15	6.5'

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Mounting Hardware

MOFT-CLP-SLV
Metal clip

MOFT-ADJ-MTBK
Universal Adjustable Mounting Bracketlengths

In-Wall Controls

TVOQ-2-BK
Black

TVOQ-10-XX-7
XX = **BK** (Black), **WH** (White)

LTEC-UB5
5-channel DMX compatible (RGBWY) Touch enabled Multi-scene and zone with App and Bluetooth connectivity

Controls

MDRX-AURA-XX
X = **02, 12, 32** (ports)
MADRIX Aura is a stand-alone controller for up to 2, 12, or 32 universes per unit

SP630E-S
All-In-One SPI/PWM Controller
Note: Control with available BT app or optional SP630E-R remote

Newtwork Accessories

DMX-SPLT-X
X= **2, 4, 8** (Output Channels)
DMX Splitter
1 Input to 8 Output
Ethernet or Hardwire Connection

ARTNET-L-X-512
X = **8** (8 Ports), **16** (Ports)
8 or 16 port universe Artnet to DMX interface, 16 port 8192

NTG-SWI-XXPT
XX = **8** (8 Ports), **16** (16 Ports)
NETGEAR 16-Port gigabit Unmanaged Switch

MDRX-LUNA-XX
X = **04, 08, 16** (ports)
MADRIX Luna 4, 8, 16 port universe Artnet to DMX interface 16 port 8192, 8 port 4096, 4 port 2048 DMX channels

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Power Supplies

DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DIN	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-DIN				2	2x96W	2x4A
	ADUL-320-3-4-24-DIN				3	3x96W	3x4A

DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-DIN-2	Indoor / Damp	100-277V AC 5o/60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-DIN-3				3	3x96W	3x4A

DMX/DALI FLICKER-FREE FOR TV STUDIO

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-120-1-4-24-DTV	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	1x96W	1x4A
	ADNM-240-2-4-24-DTV				2	2x96W	2x4A
	ADNM-320-3-4-24-DTV				3	3x96W	3x4A

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