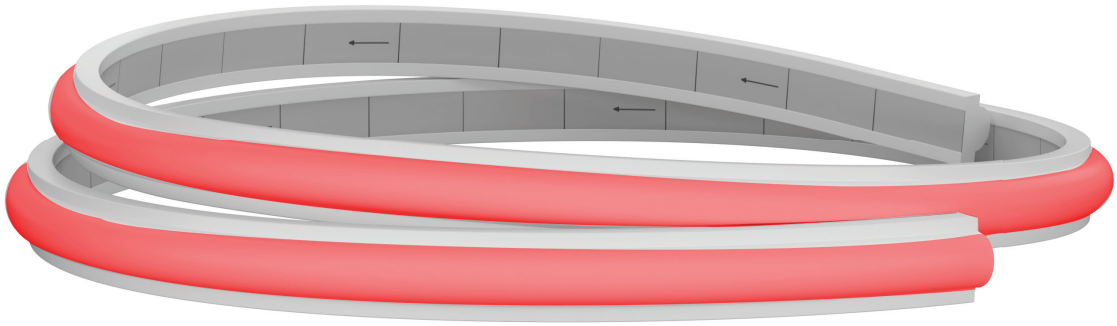
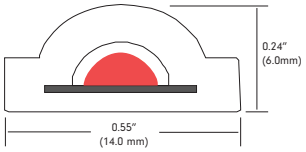
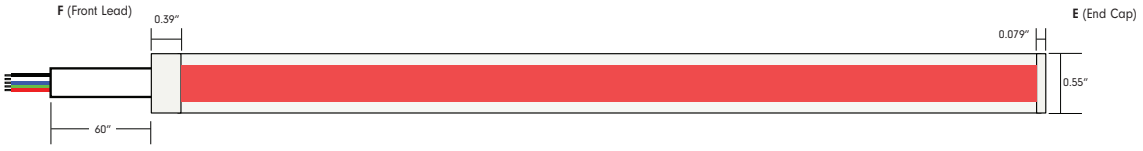


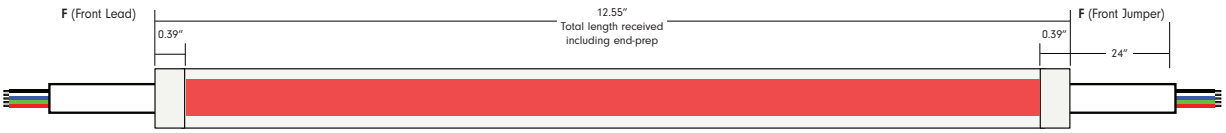
Project: _____ TYPE: _____

- Low bin tolerance with a 1 Step McAdam Elipse
- Red, Green, Blue and White mixing for precise color choice
- Outdoor location suited
- Factory soldered lead wire required
- IP67 Wet location available
- Large range of available Kelvin temperatures
- 5 Year warranty

Dimensions







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Order Guide

NOTE: Lengths and quantity of each run must be submitted at time of order.
TRACE Mini COB RGBW is factory prep only. In-field cutting will void warranty.

PRODUCT CODE	INTENSITY	PROFILE	LED COLOR	END PREP1	END PREP2	VOLTAGE	LENGTH
TRCEM	**HO**	**CB**		**F**		**24**	
TRCEM = Trace Mini	**HO** = High Output	**CB** = COB	**RGB27** = RGB+2700K **RGB30** = RGB+3000K **RGB40** = RGB+4000K **RGB60** = RGB+6000K	**F** = Front Lead	**F** = Front Jumper **E** = End Cap	**24** = 24V DC	Refer to chart page 3-4

Note: A layout/drawing must accompany each order showing run length and location

Specification

Output (based on RGB27)					
Kelvin Temperature	Red	Green	Blue	White	RGB+27
Lumens/ft	23.43	42.06	7.01	49.68	121.92
Efficacy (Lm/W)	12	55	8	38	25
CRI	n/a	n/a	n/a	90+	n/a
Measured Power W/ft	1.95	0.76	0.88	1.31	4.88
Listed Power W/ft.	4.88				
Max Run Electrical	20'				
Max Run Mechanical	16'				

Electrical	
Input Voltage	24V DC
Power Supply	Class 2
Dimming	DMX
Wire Size (End Prep)	18 AWG, 5 wire
Physical	
LED Package	COB (Chip on FPC)
Adhesive	3M VHB Tape
Dimensions	0.55" x 0.24" (14mm)
Cutting Increments	1.31" (33.3mm)
Operating Temperature	-40°F (-40°C) ~ 140°F (60°C)
Material	Silicone (UV Resistance, Food Grade)
Certification and Testing	
Certification	cULus, CE
Rated Life L70/hrs	60,000
Environment	Wet Location
IP Rating	IP67
Binning Tolerance	1 Step MacAdam Elipse
Warranty	5 Years

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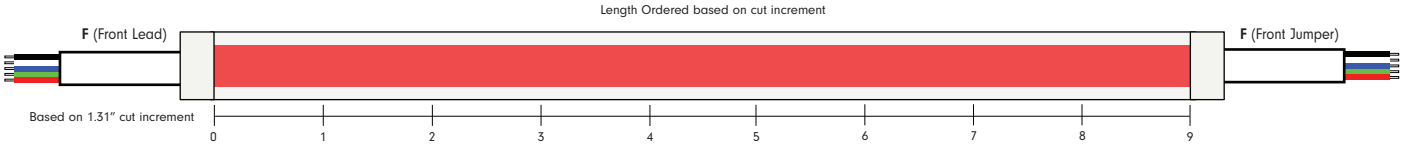
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F - F Lead Prep Configuration Order Guide

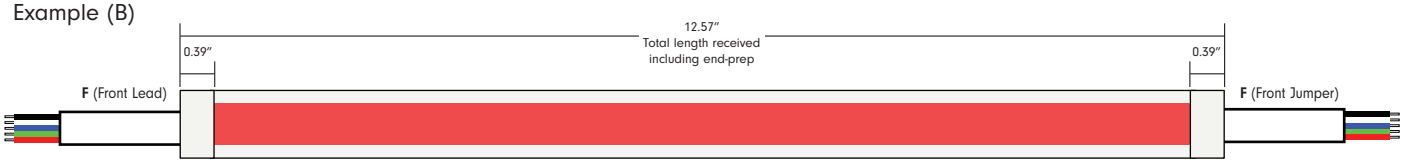
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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 (±in 0.275) - See example (B) below

Example (A)



Example (B)



Part# Example: **TRCEM-HO-CB-RGB27-F-F-24-009**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
009	12.57	1.05	4.94	1'
010	13.88	1.16	5.39	
011	15.19	1.27	5.93	
012	16.5	1.38	6.47	
013	17.81	1.48	7.01	
014	19.12	1.59	7.55	
015	20.43	1.70	8.09	
016	21.74	1.81	8.63	
017	23.05	1.92	9.17	
018	24.36	2.03	9.81	2'
019	25.67	2.14	10.18	
020	26.98	2.25	10.72	
021	28.29	2.36	11.26	
022	29.6	2.47	11.79	
023	30.91	2.58	12.33	
024	32.22	2.69	12.86	
025	33.53	2.79	13.40	
026	34.84	2.90	13.93	
027	36.15	3.01	14.66	3'
028	37.46	3.12	14.95	
029	38.77	3.23	15.48	
030	40.08	3.34	16.01	
031	41.39	3.45	16.55	
032	42.7	3.56	17.08	
033	44.01	3.67	17.62	
034	45.32	3.78	18.15	
035	46.63	3.89	18.68	
036	47.94	4.00	19.39	4'
037	49.25	4.10	19.59	
038	50.56	4.21	20.12	
039	51.87	4.32	20.65	
040	53.18	4.43	21.18	
041	54.49	4.54	21.71	
042	55.8	4.65	22.24	
043	57.11	4.76	22.77	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
044	58.42	4.87	23.29	
045	59.73	4.98	24.05	5'
046	61.04	5.09	24.16	
047	62.35	5.20	24.68	
048	63.66	5.31	25.20	
049	64.97	5.41	25.73	
050	66.28	5.52	26.25	
051	67.59	5.63	26.78	
052	68.9	5.74	27.31	
053	70.21	5.85	27.83	
054	71.52	5.96	28.55	6'
055	72.83	6.07	28.58	
056	74.14	6.18	29.10	
057	75.45	6.29	29.62	
058	76.76	6.40	30.14	
059	78.07	6.51	30.66	
060	79.38	6.62	31.18	
061	80.69	6.72	31.70	
062	82	6.83	32.22	
063	83.31	6.94	32.74	
064	84.62	7.05	33.41	7'
065	85.93	7.16	33.85	
066	87.24	7.27	34.37	
067	88.55	7.38	34.89	
068	89.86	7.49	35.41	
069	91.17	7.60	35.93	
070	92.48	7.71	36.45	
071	93.79	7.82	36.97	
072	95.1	7.93	37.49	
073	96.41	8.03	37.57	8'
074	97.72	8.14	37.97	
075	99.03	8.25	38.48	
076	100.34	8.36	39.00	
077	101.65	8.47	39.51	
078	102.96	8.58	40.02	

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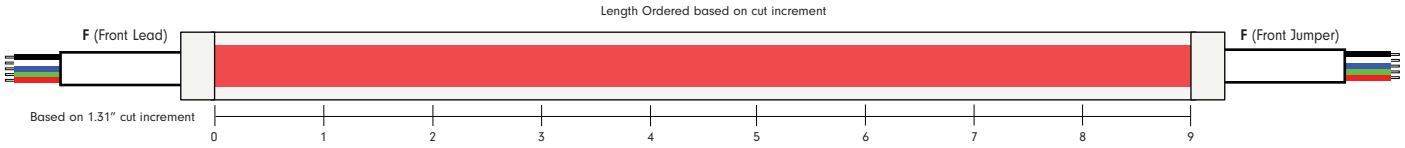
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F - F Lead Prep Configuration Order Guide

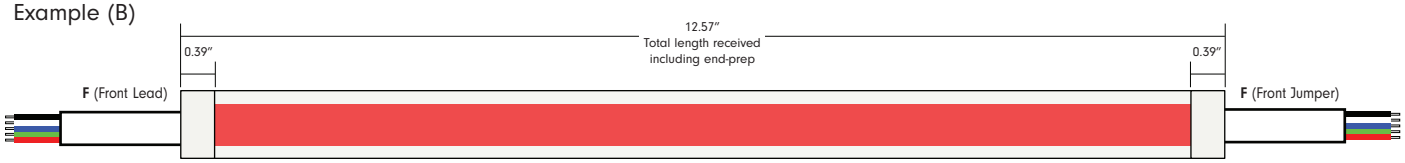
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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 (±in 0.275) - See example (B) below

Example (A)



Example (B)



Part# Example: **TRCEM-HO-CB-RGB27-F-F-24-009**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
079	104.27	8.69	40.53	
080	105.58	8.80	41.05	
081	106.89	8.91	41.56	
082	108.2	9.02	41.62	9'
083	109.51	9.13	41.86	
084	110.82	9.24	42.37	
085	112.13	9.34	42.87	
086	113.44	9.45	43.37	
087	114.75	9.56	43.88	
088	116.06	9.67	44.38	
089	117.37	9.78	44.89	
090	118.68	9.89	45.39	
091	119.99	10.00	45.50	10'
092	121.3	10.11	45.70	
093	122.61	10.22	46.20	
094	123.92	10.33	46.69	
095	125.23	10.44	47.19	
096	126.54	10.55	47.68	
097	127.85	10.65	48.18	
098	129.16	10.76	48.68	
099	130.47	10.87	49.18	
100	131.78	10.98	49.25	11'
101	133.09	11.09	49.40	
102	134.4	11.20	49.88	
103	135.71	11.31	50.37	
104	137.02	11.42	50.86	
105	138.33	11.53	51.35	
106	139.64	11.64	51.84	
107	140.95	11.75	52.33	
108	142.26	11.86	52.82	
109	143.57	11.96	52.87	
110	144.88	12.07	52.96	12'
111	146.19	12.18	53.44	
112	147.5	12.29	53.92	
113	148.81	12.4	54.40	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
114	150.12	12.51	54.88	
115	151.43	12.62	55.36	
116	152.74	12.73	55.84	
117	154.05	12.84	56.33	
118	155.36	12.95	56.81	13'
119	156.67	13.06	56.45	
120	157.98	13.17	56.85	
121	159.29	13.27	57.33	
122	160.6	13.38	57.80	
123	161.91	13.49	58.28	
124	163.22	13.60	58.75	
125	164.53	13.71	59.22	
126	165.84	13.82	59.70	
127	167.15	13.93	60.17	
128	168.46	14.04	59.60	14'
129	169.77	14.15	59.99	
130	171.08	14.26	60.46	
131	172.39	14.37	60.92	
132	173.7	14.48	61.39	
133	175.01	14.58	61.85	
134	176.32	14.69	62.32	
135	177.63	14.80	62.78	
136	178.94	14.91	63.25	
137	180.25	15.02	62.55	15'
138	181.56	15.13	62.82	
139	182.87	15.24	63.28	
140	184.18	15.35	63.73	
141	185.49	15.46	64.19	
142	186.8	15.57	64.64	
143	188.11	15.68	65.10	
144	189.42	15.79	65.55	
145	190.73	15.89	66.01	
146	192.04	16.00	65.32	16'

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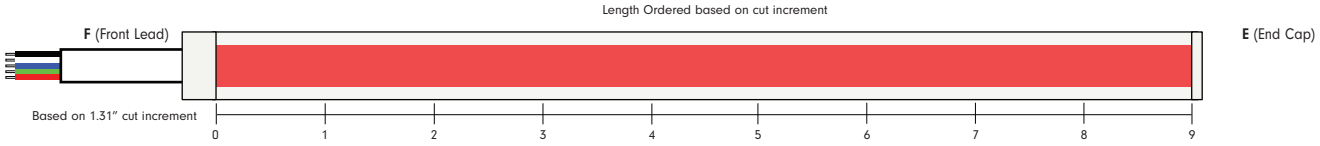
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F - E Lead Prep Configuration Order Guide

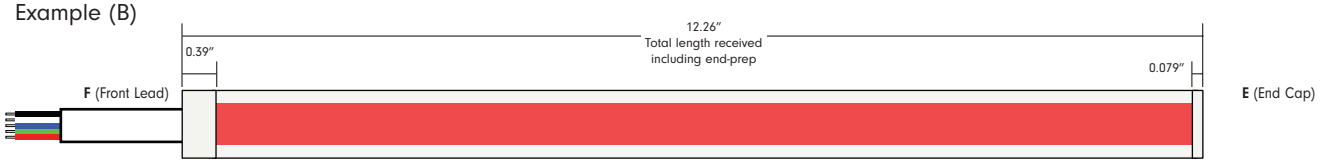
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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 (±in 0.275) - See example (B) below

Example (A)



Example (B)



Part# Example: **TRCEM-HO-CB-RGB27-F-E-24-009**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
009	12.26	1.02	4.94	1'
010	13.57	1.13	5.39	
011	14.88	1.24	5.93	
012	16.19	1.35	6.47	
013	17.50	1.46	7.01	
014	18.81	1.57	7.55	
015	20.12	1.68	8.09	
016	21.43	1.79	8.63	
017	22.74	1.89	9.17	
018	24.05	2.00	9.81	2'
019	25.36	2.11	10.18	
020	26.67	2.22	10.72	
021	27.98	2.33	11.26	
022	29.29	2.44	11.79	
023	30.60	2.55	12.33	
024	31.91	2.66	12.86	
025	33.22	2.77	13.40	
026	34.53	2.88	13.93	
027	35.84	2.99	14.66	3'
028	37.15	3.10	14.95	
029	38.46	3.20	15.48	
030	39.77	3.31	16.01	
031	41.08	3.42	16.55	
032	42.39	3.53	17.08	
033	43.70	3.64	17.62	
034	45.01	3.75	18.15	
035	46.32	3.86	18.68	
036	47.63	3.97	19.39	4'
037	48.94	4.08	19.59	
038	50.25	4.19	20.12	
039	51.56	4.30	20.65	
040	52.87	4.41	21.18	
041	54.18	4.51	21.71	
042	55.49	4.62	22.24	
043	56.80	4.73	22.77	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
044	58.11	4.84	23.29	
045	59.42	4.95	24.05	5'
046	60.73	5.06	24.16	
047	62.04	5.17	24.68	
048	63.35	5.28	25.20	
049	64.66	5.39	25.73	
050	65.97	5.50	26.25	
051	67.28	5.61	26.78	
052	68.59	5.72	27.31	
053	69.90	5.82	27.83	
054	71.21	5.93	28.55	
055	72.52	6.04	28.58	6'
056	73.83	6.15	29.10	
057	75.14	6.26	29.62	
058	76.45	6.37	30.14	
059	77.76	6.48	30.66	
060	79.07	6.59	31.18	
061	80.38	6.70	31.70	
062	81.69	6.81	32.22	
063	83.00	6.92	32.74	
064	84.31	7.03	33.41	7'
065	85.62	7.13	33.85	
066	86.93	7.24	34.37	
067	88.24	7.35	34.89	
068	89.55	7.46	35.41	
069	90.86	7.57	35.93	
070	92.17	7.68	36.45	
071	93.48	7.79	36.97	
072	94.79	7.90	37.49	
073	96.10	8.01	37.57	8'
074	97.41	8.12	37.97	
075	98.72	8.23	38.48	
076	100.03	8.34	39.00	
077	101.34	8.44	39.51	
078	102.65	8.55	40.02	

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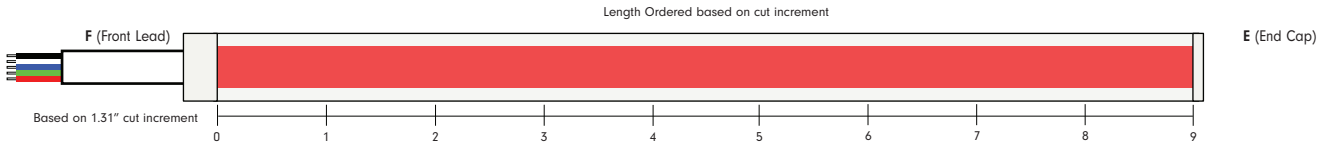
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F - E Lead Prep Configuration Order Guide

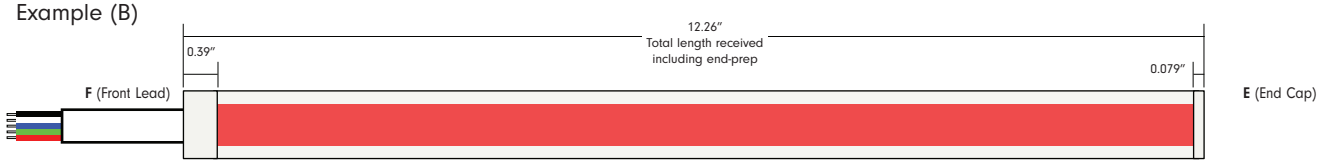
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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 (±in 0.275) - See example (B) below

Example (A)



Example (B)



Part# Example: **TRCEM-HO-CB-RGB27-F-E-24-009**

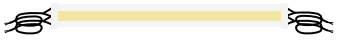
CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
079	103.96	8.66	40.53	
080	105.27	8.77	41.05	
081	106.58	8.88	41.56	
082	107.89	8.99	41.62	9'
083	109.20	9.10	41.86	
084	110.51	9.21	42.37	
085	111.82	9.32	42.87	
086	113.13	9.43	43.37	
087	114.44	9.54	43.88	
088	115.75	9.65	44.38	
089	117.06	9.75	44.89	
090	118.37	9.86	45.39	
091	119.68	9.97	45.50	10'
092	120.99	10.08	45.70	
093	122.30	10.19	46.20	
094	123.61	10.30	46.69	
095	124.92	10.41	47.19	
096	126.23	10.52	47.68	
097	127.54	10.63	48.18	
098	128.85	10.74	48.68	
099	130.16	10.85	49.18	
100	131.47	10.96	49.25	11'
101	132.78	11.06	49.40	
102	134.09	11.17	49.88	
103	135.40	11.28	50.37	
104	136.71	11.39	50.86	
105	138.02	11.50	51.35	
106	139.33	11.61	51.84	
107	140.64	11.72	52.33	
108	141.95	11.83	52.82	
109	143.26	11.94	52.87	12'
110	144.57	12.05	52.96	
111	145.88	12.16	53.44	
112	147.19	12.27	53.92	
113	148.50	12.37	54.40	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
114	149.81	12.48	54.88	
115	151.12	12.59	55.36	
116	152.43	12.70	55.84	
117	153.74	12.81	56.33	
118	155.05	12.92	56.81	
119	156.36	13.03	56.45	13'
120	157.67	13.14	56.85	
121	158.98	13.25	57.33	
122	160.29	13.36	57.80	
123	161.60	13.47	58.28	
124	162.91	13.58	58.75	
125	164.22	13.68	59.22	
126	165.53	13.79	59.70	
127	166.84	13.90	60.17	
128	168.15	14.01	59.60	14'
129	169.46	14.12	59.99	
130	170.77	14.23	60.46	
131	172.08	14.34	60.92	
132	173.39	14.45	61.39	
133	174.70	14.56	61.85	
134	176.01	14.67	62.32	
135	177.32	14.78	62.78	
136	178.63	14.89	63.25	
137	179.94	14.99	62.55	15'
138	181.25	15.10	62.82	
139	182.56	15.21	63.28	
140	183.87	15.32	63.73	
141	185.18	15.43	64.19	
142	186.49	15.54	64.64	
143	187.80	15.65	65.10	
144	189.11	15.76	65.55	
145	190.42	15.87	66.01	
146	191.73	15.98	65.32	16'

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Power Leads and Jumpers (Installed by Tivoli's certified solderers)

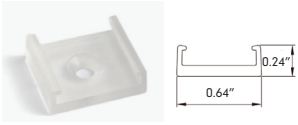


TRCEM-CB-RGBW-LEAD-XEP
Extend lengths up to 20 ft. max
Sold per foot



GELJB-6-BK
1/2/3/4/5/6 Wire IP67 Gel Filled Junction Box

Mounting Accessories



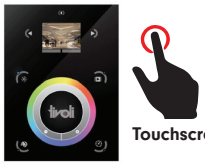
TRCEM-CB-14-CLP
14mm COB PC clip
length 0.64"
sold each

In-Wall Controls



Touchscreen

TVOQ-1-WH
White



Touchscreen

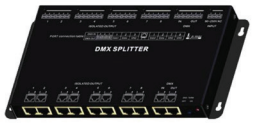
TVOQ-10-XX-7
XX = **BK** (Black), **WH** (White)



Touchscreen

TVOQ-2-BK
Black

Accessories



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

DMX Sub-Controller

DESCRIPTION	CAT NO	MODES	WATTAGE	PRIMARY VOLTAGE	DIMENSION
DMX Sub-controller	TPL-RGBW-180-24	Sub-controller only	5X96W	24V DC	2.87" W X 6.46" L X 1.45" H

Power Supplies

ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DIN	Indoor / Outdoor	100-277V AC 5o/60 Hz	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-DIN				1	96W	4A
	ADNM-240-2-4-24-DIN				2	2x96W	2x4A
	ADNM-320-3-4-24-DIN				3	3x96W	3x4A

ADNM - DMX MULTI ADDRESS

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

ADNM - 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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www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458

Tivoli Commissioning Service

Tivoli's DMX Commissioning service involves the setup and configuration of our DMX lighting and control system, ensuring the seamless integration of our lighting fixtures with the specified DMX Control system ordered.

For more information about commission service, contact:
sales@tivoliusa.com
714-957-6101 (Engineering Tech Support)

Tivocue Wall Controllers (Default Scenes: White, Red,Green, Blue, Light Blue, Purple, Pink, Dim White, Yellow, Cool Cycle, Warm Cycle, All Cycle, Rainbow Scroll, Blackout)	
TVOQ-REM-COMM-1	Remote DMX commissioning for TIVOCUE 2 and 10 dmx wall controller. Pixel mapping/control is not offered for remote commissioning
TVOQ-ONS-COMM-1	Onsite DMX comissioning for TIVOCUE 2 and 10 dmx wall controller (est. 2 days)
ARTNET-S-8-512 (Default Scenes: White, Red,Green, Blue, Light Blue, Purple, Pink, Dim White, Yellow, Cool Cycle, Warm Cycle, All Cycle, Rainbow Scroll, Blackout)	
ARTNET-S-REM-COMM-8	Remote DMX commissioning for artnet-s recorder up to 8 universes. Pixel mapping/control is not offered for remote commissioning
ARTNET-S-ONS-COMM-8	Onsite DMX commissioning for artnet-s recorder up to 8 universes (est. 3 days)
MADRIX DMX SYSTEM	
DMX-COMM-2U-MDRX	Onsite commissioning for madrix, up to 2 universes (est. 3 days)
DMX-COMM-8U-MDRX	Onsite commissioning for madrix, up to 8 universes (est. 3 days)
DMX-COMM-16U-MDRX	Onsite commissioning for madrix, up to 16 universes (est. 4 days)
DMX-COMM-24U-MDRX	Onsite commissioning for madrix, up to 24 universes (est. 4 days)
DMX-COMM-32U-MDRX	Onsite commissioning for madrix, up to 32 universes (est. 5 days)
32+ UNIVERSE	Contact factory

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