TRACE MINI CB



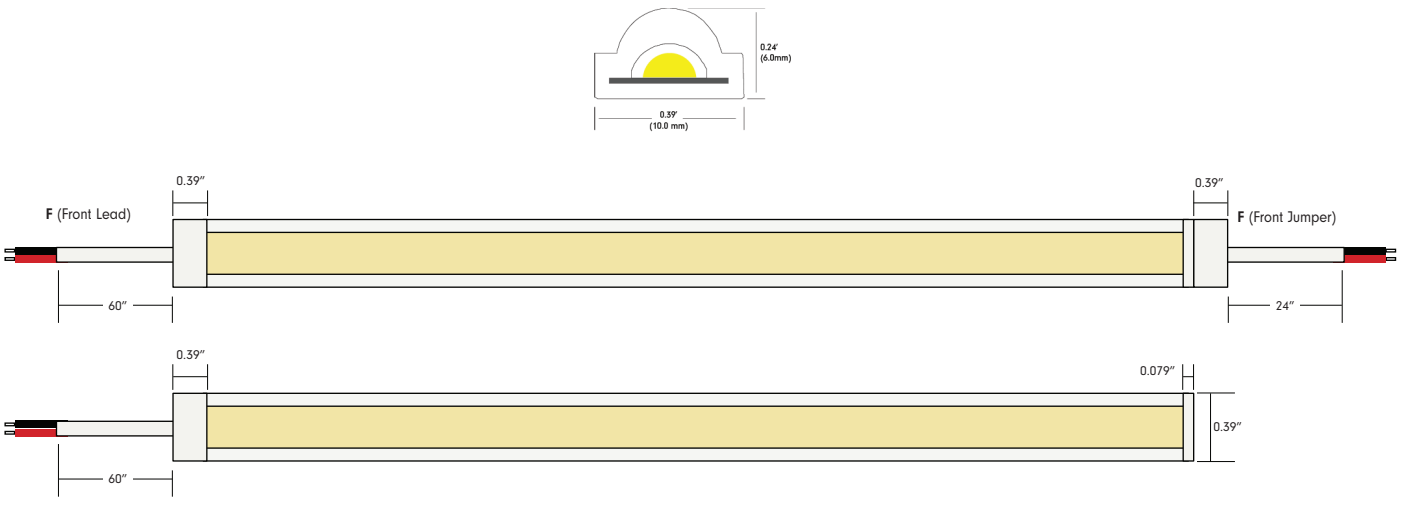
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Project: _____ TYPE: _____

- Low bin tolerance with a 1 Step McAdam Elipse
- Outdoor location suited
- High CRI value
- Factory soldered lead wire required
- IP67 Wet location available
- Multiple mounting channel options
- Large range of available Kelvin temperatures
- Low lead times
- 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 CB is factory prep only. In-field cutting will void warranty.

PRODUCT CODE	INTENSITY	PROFILE	LED COLOR	END PREP 1	END PREP 2	VOLTAGE	LENGTH
TRCEM		**CB**		**F**		**24**	
TRCEM = Trace Mini	**SB** = Standard Brightness	**CB** = COB	**27** = 2700K	**F** = Front Lead	**F** = Front Jumper	**24** = 24V DC	Refer to chart page 4-9
	LB = Low Brightness		**30** = 3000K		**E** = End Cap		
	XLB = Xtra Low Brightness		**35** = 3500K				
			40 = 4000K				
			50 = 5000K				
			65 = 6500K				

Specification

Output LB						
Kelvin Temperature	2700K	3000K	3500K	4000K	5000K	6500K
Lumens/ft	CF	CF	CF	CF	CF	CF
Efficacy (Lm/W)	CF	CF	CF	CF	CF	CF
CRI	CF					
Max Run Electrical	CF					
Max Run Mechanical	CF					
Power Consumption W/ft	CF					

Output XLB						
Kelvin Temperature	2700K	3000K	3500K	4000K	5000K	6500K
Lumens/ft	CF	CF	CF	CF	CF	CF
Efficacy (Lm/W)	CF	CF	CF	CF	CF	CF
CRI	CF					
Max Run Electrical	CF					
Max Run Mechanical	CF					
Power Consumption W/ft	CF					

Output SB						
Kelvin Temperature	2700K	3000K	3500K	4000K	5000K	6500K
Lumens/ft	222.5	219.5	222.5	231.7	213.4	222.5
Efficacy (Lm/W)	73	72	73	76	70	73
CRI	≥90					
Max Run Electrical	30′					
Max Run Mechanical	16′					
Power Consumption W/ft	3W					

Electrical	
Input Voltage	24V DC
Power Supply	Class 2
Wire Size (End Prep)	18 AWG, 2 wire
Dimming	MLV/ELV/0-10V
Physical	
Adhesive	3M VHB Tape
Dimensions	0.39″x0.24″ (10mm)
Cut Increments	0.98″ (25mm)
Operating Temperature	-40°F (-40°C) ~ 140°F (60°C)

Certification and Testing	
Certification	cULus
Lumen Maintenance (L70) Hours	60,000
Binning Tolerance	1 Step MacAdam Elipse
Environment	IP67 Wet Location
Warranty	5 Years

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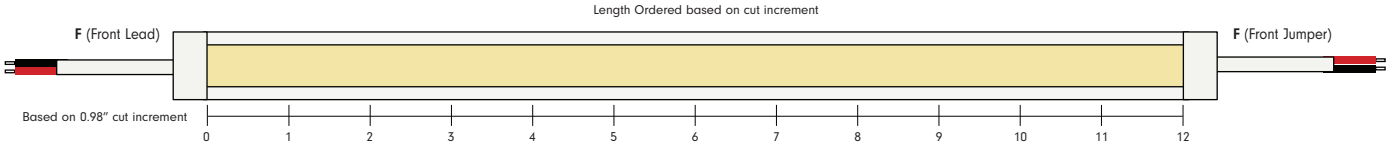
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F - F Lead Prep Configuration Order Guide

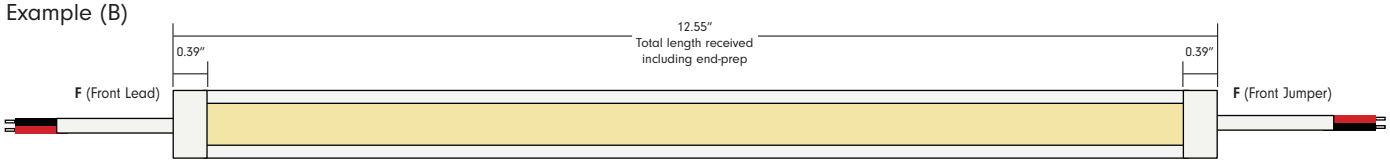
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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-SB-CB-27-F-F-24-012**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
012	12.55	1.05	3.02	1'
013	13.53	1.13	3.21	
014	14.51	1.21	3.45	
015	15.49	1.29	3.70	
016	16.47	1.37	3.95	
017	17.45	1.45	4.19	
018	18.43	1.54	4.44	
019	19.41	1.62	4.69	
020	20.39	1.70	4.93	
021	21.37	1.78	5.18	
022	22.35	1.86	5.43	
023	23.33	1.94	5.67	
024	24.31	2.03	6.02	2'
025	25.29	2.11	6.15	
026	26.27	2.19	6.39	
027	27.25	2.27	6.64	
028	28.23	2.35	6.88	
029	29.21	2.43	7.13	
030	30.19	2.52	7.37	
031	31.17	2.60	7.62	
032	32.15	2.68	7.87	
033	33.13	2.76	8.11	
034	34.11	2.84	8.36	
035	35.09	2.92	8.60	
036	36.07	3.01	8.98	3'
037	37.05	3.09	9.04	
038	38.03	3.17	9.28	
039	39.01	3.25	9.52	
040	39.99	3.33	9.77	
041	40.97	3.41	10.01	
042	41.95	3.50	10.26	
043	42.93	3.58	10.50	
044	43.91	3.66	10.74	
045	44.89	3.74	10.99	
046	45.87	3.82	11.23	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
047	46.85	3.90	11.48	
048	47.83	3.99	11.91	4'
049	48.81	4.07	11.93	
050	49.79	4.15	12.17	
051	50.77	4.23	12.41	
052	51.75	4.31	12.66	
053	52.73	4.39	12.90	
054	53.71	4.48	13.14	
055	54.69	4.56	13.39	
056	55.67	4.64	13.63	
057	56.65	4.72	13.87	
058	57.63	4.80	14.12	
059	58.61	4.88	14.36	
060	59.59	4.97	14.60	
061	60.57	5.05	15.13	5'
062	61.55	5.13	15.34	
063	62.53	5.21	15.59	
064	63.51	5.29	15.84	
065	64.49	5.37	16.08	
066	65.47	5.46	16.33	
067	66.45	5.54	16.58	
068	67.43	5.62	16.83	
069	68.41	5.70	17.07	
070	69.39	5.78	17.32	
071	70.37	5.86	17.57	
072	71.35	5.95	17.82	
073	72.33	6.03	17.89	6'
074	73.31	6.11	18.01	
075	74.29	6.19	18.25	
076	75.27	6.27	18.50	
077	76.25	6.35	18.74	
078	77.23	6.44	18.98	
079	78.21	6.52	19.23	
080	79.19	6.60	19.47	
081	80.17	6.68	19.71	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
082	81.15	6.76	19.96	
083	82.13	6.84	20.20	
084	83.11	6.93	20.44	
085	84.09	7.01	20.69	7'
086	85.07	7.09	20.79	
087	86.05	7.17	21.03	
088	87.03	7.25	21.27	
089	88.01	7.33	21.51	
090	88.99	7.42	21.76	
091	89.97	7.50	22.00	
092	90.95	7.58	22.24	
093	91.93	7.66	22.48	
094	92.91	7.74	22.72	
095	93.89	7.82	22.96	
096	94.87	7.91	23.21	
097	95.85	7.99	23.29	8'
098	96.83	8.07	23.29	
099	97.81	8.15	23.53	
100	98.79	8.23	23.77	
101	99.77	8.31	24.00	
102	100.75	8.40	24.24	
103	101.73	8.48	24.48	
104	102.71	8.56	24.71	
105	103.69	8.64	24.95	
106	104.67	8.72	25.19	
107	105.65	8.80	25.43	
108	106.63	8.89	25.67	
109	107.61	8.97	25.90	
110	108.59	9.05	26.16	9'
111	109.57	9.13	26.38	
112	110.55	9.21	26.62	
113	111.53	9.29	26.85	
114	112.51	9.38	27.09	
115	113.49	9.46	27.33	
116	114.47	9.54	27.57	

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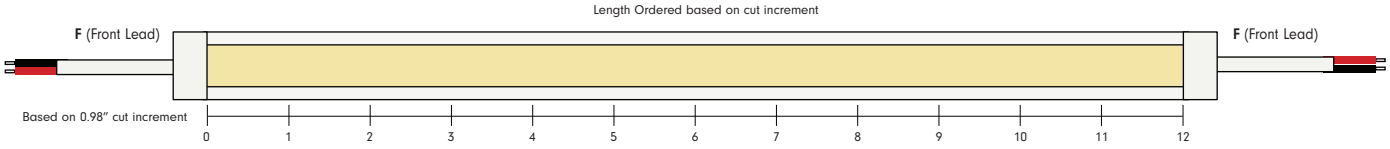
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F - F Lead Prep Configuration Order Guide

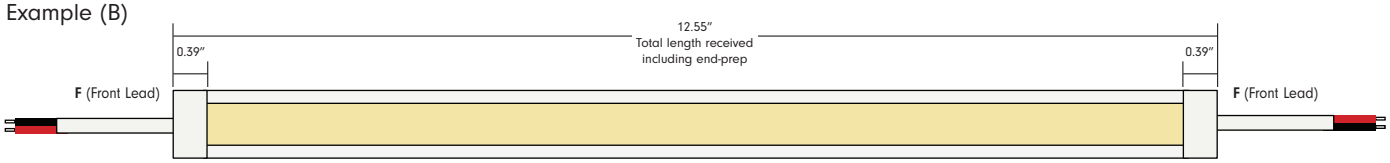
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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-SB-CB-27-F-F-24-012**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
117	115.45	9.62	27.81	
118	116.43	9.70	28.04	
119	117.41	9.78	28.28	
120	118.39	9.87	28.52	
121	119.37	9.95	28.76	
122	120.35	10.03	28.59	10'
123	121.33	10.11	28.73	
124	122.31	10.19	28.96	
125	123.29	10.27	29.19	
126	124.27	10.36	29.43	
127	125.25	10.44	29.66	
128	126.23	10.52	29.90	
129	127.21	10.60	30.13	
130	128.19	10.68	30.36	
131	129.17	10.76	30.60	
132	130.15	10.85	30.83	
133	131.13	10.93	31.07	
134	132.11	11.01	31.05	11'
135	133.09	11.09	31.09	
136	134.07	11.17	31.32	
137	135.05	11.25	31.55	
138	136.03	11.34	31.78	
139	137.01	11.42	32.01	
140	137.99	11.50	32.24	
141	138.97	11.58	32.47	
142	139.95	11.66	32.70	
143	140.93	11.74	32.93	
144	141.91	11.83	33.16	
145	142.89	11.91	33.39	
146	143.87	11.99	33.38	12'
147	144.85	12.07	33.37	
148	145.83	12.15	33.60	
149	146.81	12.23	33.83	
150	147.79	12.32	34.06	
151	148.77	12.40	34.28	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
152	149.75	12.48	34.51	
153	150.73	12.56	34.74	
154	151.71	12.64	34.96	
155	152.69	12.72	35.19	
156	153.67	12.81	35.42	
157	154.65	12.89	35.65	
158	155.63	12.97	35.87	
159	156.61	13.05	35.77	13'
160	157.59	13.13	35.93	
161	158.57	13.21	36.16	
162	159.55	13.30	36.38	
163	160.53	13.38	36.61	
164	161.51	13.46	36.83	
165	162.49	13.54	37.06	
166	163.47	13.62	37.28	
167	164.45	13.70	37.50	
168	165.43	13.79	37.73	
169	166.41	13.87	37.96	
170	167.39	13.95	38.18	
171	168.37	14.03	38.00	14'
172	169.35	14.11	38.07	
173	170.33	14.19	38.29	
174	171.31	14.28	38.51	
175	172.29	14.36	38.73	
176	173.27	14.44	38.95	
177	174.25	14.52	39.17	
178	175.23	14.60	39.40	
179	176.21	14.68	39.61	
180	177.19	14.77	39.84	
181	178.17	14.85	40.06	
182	179.15	14.93	40.28	
183	180.13	15.01	40.03	15'
184	181.11	15.09	40.12	
185	182.09	15.17	40.34	
186	183.07	15.26	40.56	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
187	184.05	15.34	40.78	
188	185.03	15.42	40.99	
189	186.01	15.50	41.21	
190	186.99	15.58	41.43	
191	187.97	15.66	41.65	
192	188.95	15.75	41.87	
193	189.93	15.83	42.08	
194	190.91	15.91	42.30	
195	191.89	15.99	43.79	16'

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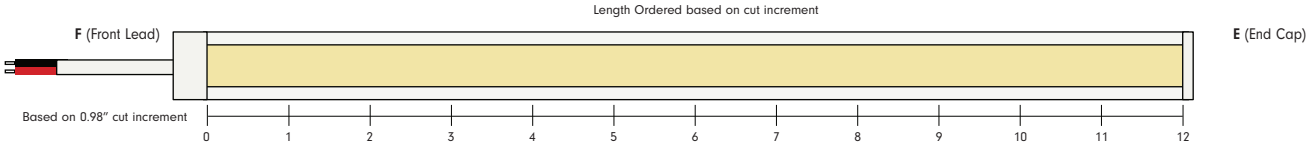
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F - E Lead Prep Configuration Order Guide

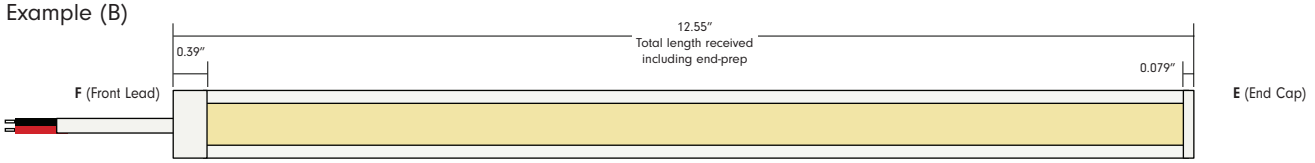
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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-SB-CB-27-F-E-24-012**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
012	12.23	1.02	3.02	1'
013	13.21	1.10	3.21	
014	14.19	1.18	3.45	
015	15.17	1.26	3.70	
016	16.15	1.35	3.95	
017	17.13	1.43	4.19	
018	18.11	1.51	4.44	
019	19.09	1.59	4.69	
020	20.07	1.67	4.93	
021	21.05	1.75	5.18	
022	22.03	1.84	5.43	
023	23.01	1.92	5.67	
024	23.99	2.00	6.02	2'
025	24.97	2.08	6.15	
026	25.95	2.16	6.39	
027	26.93	2.24	6.64	
028	27.91	2.33	6.88	
029	28.89	2.41	7.13	
030	29.87	2.49	7.37	
031	30.85	2.57	7.62	
032	31.83	2.65	7.87	
033	32.81	2.73	8.11	
034	33.79	2.82	8.36	
035	34.77	2.90	8.60	
036	35.75	2.98	8.98	3'
037	36.73	3.06	9.04	
038	37.71	3.14	9.28	
039	38.69	3.22	9.52	
040	39.67	3.31	9.77	
041	40.65	3.39	10.01	
042	41.63	3.47	10.26	
043	42.61	3.55	10.50	
044	43.59	3.63	10.74	
045	44.57	3.71	10.99	
046	45.55	3.80	11.23	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
047	46.53	3.88	11.48	
048	47.51	3.96	11.91	4'
049	48.49	4.04	11.93	
050	49.47	4.12	12.17	
051	50.45	4.20	12.41	
052	51.43	4.29	12.66	
053	52.41	4.37	12.90	
054	53.39	4.45	13.14	
055	54.37	4.53	13.39	
056	55.35	4.61	13.63	
057	56.33	4.69	13.87	
058	57.31	4.78	14.12	
059	58.29	4.86	14.36	
060	59.27	4.94	14.60	
061	60.25	5.02	15.13	5'
062	61.23	5.10	15.34	
063	62.21	5.18	15.59	
064	63.19	5.27	15.84	
065	64.17	5.35	16.08	
066	65.15	5.43	16.33	
067	66.13	5.51	16.58	
068	67.11	5.59	16.83	
069	68.09	5.67	17.07	
070	69.07	5.76	17.32	
071	70.05	5.84	17.57	
072	71.03	5.92	17.82	
073	72.01	6.00	17.89	6'
074	72.99	6.08	18.01	
075	73.97	6.16	18.25	
076	74.95	6.25	18.50	
077	75.93	6.33	18.74	
078	76.91	6.41	18.98	
079	77.89	6.49	19.23	
080	78.87	6.57	19.47	
081	79.85	6.65	19.71	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
082	80.83	6.74	19.96	
083	81.81	6.82	20.20	
084	82.79	6.90	20.44	
085	83.77	6.98	20.69	7'
086	84.75	7.06	20.79	
087	85.73	7.14	21.03	
088	86.71	7.23	21.27	
089	87.69	7.31	21.51	
090	88.67	7.39	21.76	
091	89.65	7.47	22.00	
092	90.63	7.55	22.24	
093	91.61	7.63	22.48	
094	92.59	7.72	22.72	
095	93.57	7.80	22.96	
096	94.55	7.88	23.21	
097	95.53	7.96	23.29	8'
098	96.51	8.04	23.29	
099	97.49	8.12	23.53	
100	98.47	8.21	23.77	
101	99.45	8.29	24.00	
102	100.43	8.37	24.24	
103	101.41	8.45	24.48	
104	102.39	8.53	24.71	
105	103.37	8.61	24.95	
106	104.35	8.70	25.19	
107	105.33	8.78	25.43	
108	106.31	8.86	25.67	
109	107.29	8.94	25.90	
110	108.27	9.02	26.16	9'
111	109.25	9.10	26.38	
112	110.23	9.19	26.62	
113	111.21	9.27	26.85	
114	112.19	9.35	27.09	
115	113.17	9.43	27.33	
116	114.15	9.51	27.57	

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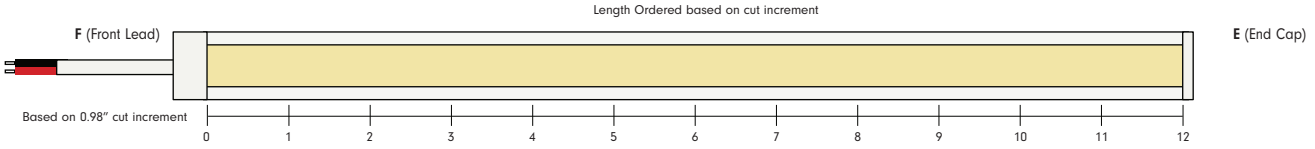
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F - E Lead Prep Configuration Order Guide

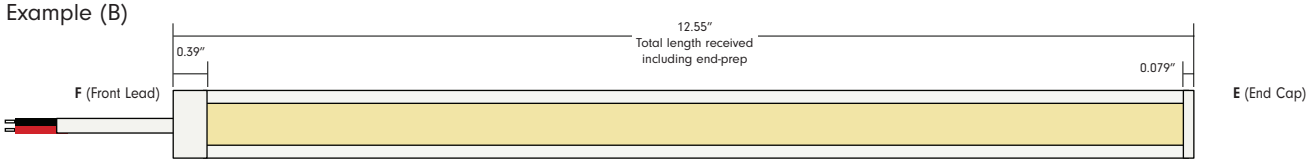
Note: Use "**Cut Increment**" number for order enty information (see chart below)

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-SB-CB-27-F-E-24-012**

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
117	115.13	9.59	27.81	
118	116.11	9.68	28.04	
119	117.09	9.76	28.28	
120	118.07	9.84	28.52	
121	119.05	9.92	28.76	
122	120.03	10.00	28.59	10'
123	121.01	10.08	28.73	
124	121.99	10.17	28.96	
125	122.97	10.25	29.19	
126	123.95	10.33	29.43	
127	124.93	10.41	29.66	
128	125.91	10.49	29.90	
129	126.89	10.57	30.13	
130	127.87	10.66	30.36	
131	128.85	10.74	30.60	
132	129.83	10.82	30.83	
133	130.81	10.90	31.07	
134	131.79	10.98	31.05	11'
135	132.77	11.06	31.09	
136	133.75	11.15	31.32	
137	134.73	11.23	31.55	
138	135.71	11.31	31.78	
139	136.69	11.39	32.01	
140	137.67	11.47	32.24	
141	138.65	11.55	32.47	
142	139.63	11.64	32.70	
143	140.61	11.72	32.93	
144	141.59	11.80	33.16	
145	142.57	11.88	33.39	
146	143.55	11.96	33.38	12'
147	144.53	12.04	33.37	
148	145.51	12.13	33.60	
149	146.49	12.21	33.83	
150	147.47	12.29	34.06	
151	148.45	12.37	34.28	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
152	149.43	12.45	34.51	
153	150.41	12.53	34.74	
154	151.39	12.62	34.96	
155	152.37	12.70	35.19	
156	153.35	12.78	35.42	
157	154.33	12.86	35.65	
158	155.31	12.94	35.87	
159	156.29	13.02	35.77	13'
160	157.27	13.11	35.93	
161	158.25	13.19	36.16	
162	159.23	13.27	36.38	
163	160.21	13.35	36.61	
164	161.19	13.43	36.83	
165	162.17	13.51	37.06	
166	163.15	13.60	37.28	
167	164.13	13.68	37.50	
168	165.11	13.76	37.73	
169	166.09	13.84	37.96	
170	167.07	13.92	38.18	
171	168.05	14.00	38.00	14'
172	169.03	14.09	38.07	
173	170.01	14.17	38.29	
174	170.99	14.25	38.51	
175	171.97	14.33	38.73	
176	172.95	14.41	38.95	
177	173.93	14.49	39.17	
178	174.91	14.58	39.40	
179	175.89	14.66	39.61	
180	176.87	14.74	39.84	
181	177.85	14.82	40.06	
182	178.83	14.90	40.28	
183	179.81	14.98	40.03	15'
184	180.79	15.07	40.12	
185	181.77	15.15	40.34	
186	182.75	15.23	40.56	

CUT INCREMENT	ACTUAL INCH	ACTUAL FOOT	WATTS/CUT INCREMENT	NOMINAL LENGTH
187	183.73	15.31	40.78	
188	184.71	15.39	40.99	
189	185.69	15.47	41.21	
190	186.67	15.56	41.43	
191	187.65	15.64	41.65	
192	188.63	15.72	41.87	
193	189.61	15.80	42.08	
194	190.59	15.88	42.30	
195	191.57	15.96	43.79	16'

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



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

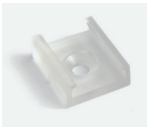


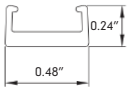
GELJB-3-02-BK
1/2/3 Wire IP67 Medium Gel Filled Junction Box



GELJB-3-01-BK
1/2/3 Wire IP67 Gel Filled Junction Box

Mounting Accessories





TRCEM-CB-10-CLP
10mm CB PC clip
length 0.55"
sold each

In-Wall Controls





Touchscreen

TVOQ-1-WH
White





Touchscreen

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

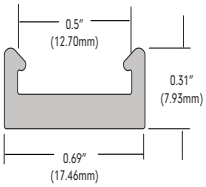




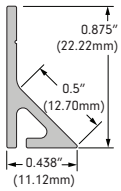
Touchscreen

TVOQ-2-BK
Black

Compatible Extrusions



MCHAN-8-LP
Low profile NO LENS OPTION
clear polycarbonate, length 8'



TPL-I-45-MCH-8-S
White PVC, 45° NO LENS
length 8'

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Power Supplies

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / Outdoor	100 - 277V AC	24V DC	1	30W	3W	1.3A
	INF-J-60-1-2.5-24				1	60W	6W	2.5A
	INF-J-96-1-4-24				1	96W	9W	4A
	INF-J-192-2-4-24				2	2x96W	2x9W	2x4A
	INF-J-288-3-4-24				3	3x96W	3X9W	3x4A

Dimmers

DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	12V/24V DC	12V/24V DC	30 mA max. output (sink only)

DIMMING -MLV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

DIMMING - ELV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
ELV Dimmer	ME-600	Indoor	120V AC	120V AC	450W
	DE-300				300W

Dimmer + Driver

STANDARD STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Standard Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24	Indoor	120V AC 60Hz	24V DC	1	96W	4A

WIRELESS STATIC DRIVER + DIMMER 2 IN 1

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
Wireless Driver + Dimmer Static 2 in 1 Class 2	TDD-1-XXX-24-KIT	Indoor	120V AC 60Hz	24V DC	1	96W	4A

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