

HTMR-COB SERIES

24V DC High Output 32.8ft Max Run Tape Light

For large scale projects, the Max Run series provides a more convenient installation by minimizing drivers and connections. Max Run tape is a great tool for lighting coves, corridors, lobbies, and retail spaces featuring a max run length up to 49.2 feet.

- Achieve longer max runs perfect for larger installations while still benefiting from the seamless look of COB
- Excellent color rendering (90+ CRI)
- Up to 280 lumens per foot performance
- Consuming up to 3 watts per foot
- Max run lengths up to 32.8 feet and cuttable every 1.64"
- IP54 rating featuring nano-coating protective layer
- Dimmable (5-100%) with most ELV, TRIAC dimmers
- cULus Listed for indoor dry/damp locations
- 50,000 hours rated life

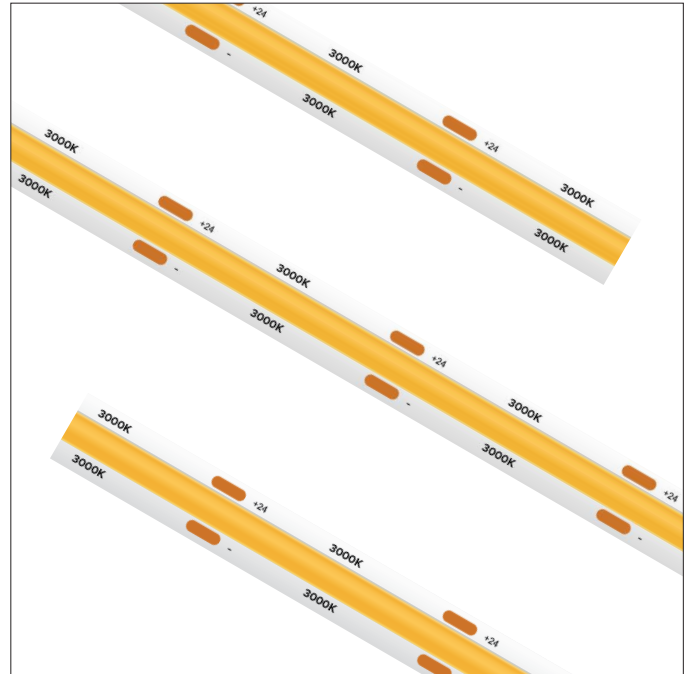


PROJECT: _____

TYPE: _____

LOCATION: _____

CATALOG NUMBER: _____




HTMR-COB SERIES QUICK SPECS

VOLTAGE	24V DC
WATTAGE	3W / ft
LUMENS	Up to 280Lm / ft
CCT	3000K
CRI	90+
MAX RUN	32.8ft
CUTTING POINTS	1.64" (42mm)
IP RATING	IP54 - Coated
DIMMING	TRIAC / ELV (5-100%)
DIMENSIONS	10mm (0.39") W x 2mm (0.08") H
BEAM ANGLE	120°
OPERATING TEMP	-40°C (-40°F) to 60°C (140°F)
CERTIFICATIONS	cULus Listed - Dry / Damp Location
RATED LIFE	50,000 Hours

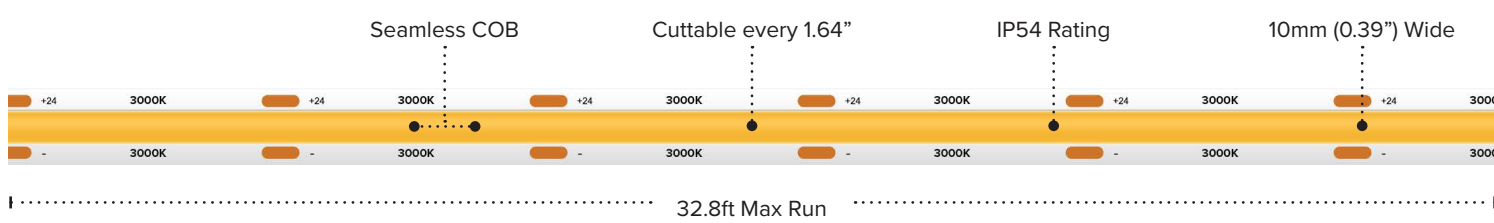
HTMR-COB SERIES IP RATINGS

IP54 (Coated)



Features a light nano-coating applied to the tape light and LED's that protects from moisture and dust.
Best suited: Indoor dry & damp locations

HTMR-COB SERIES QUICK LOOK



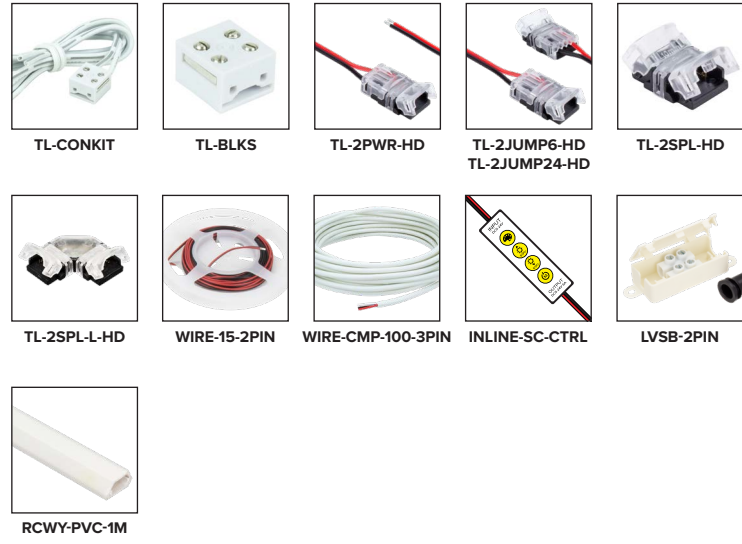
HTMR-COB SERIES ORDERING INFORMATION

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
HTMR-COB-UWW-49	24V DC	2700K	49.2 ft	220Lm / ft	3W / ft	IP54	90+	1.64" (42mm)	32.8 ft
HTMR-COB-WW-49	24V DC	3000K	49.2 ft	240Lm / ft	3W / ft	IP54	90+	1.64" (42mm)	32.8 ft
HTMR-COB-NW-49	24V DC	3500K	49.2 ft	250Lm / ft	3W / ft	IP54	90+	1.64" (42mm)	32.8 ft
HTMR-COB-WH-49	24V DC	4000K	49.2 ft	270Lm / ft	3W / ft	IP54	90+	1.64" (42mm)	32.8 ft
HTMR-COB-CW-49	24V DC	5000K	49.2 ft	280Lm / ft	3W / ft	IP54	90+	1.64" (42mm)	32.8 ft

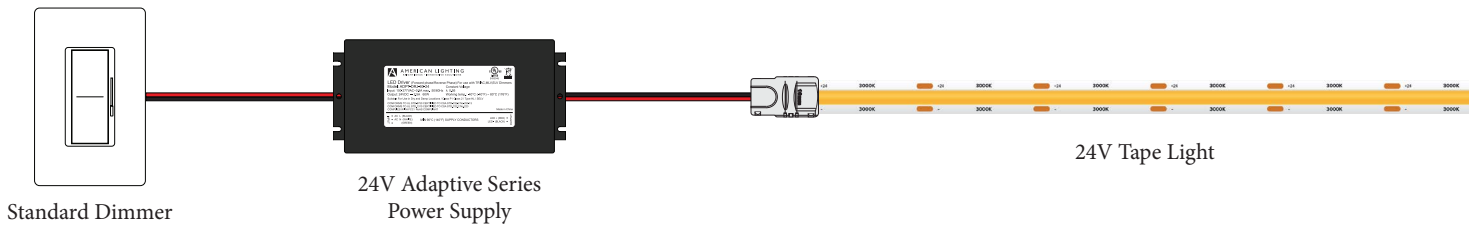
49.2ft Reels (IP54) Include: 6ft lead, 6ft tail, (1) TL-CONKIT, (3) TL-BLKS, (3) TL-2PWR-HD

HTMR-COB SERIES ACCESSORIES

ITEM NUMBER	DESCRIPTION
TL-CONKIT	6' Trulink 4-in-1 Connection Kit
TL-BLKS	Trulink 4-in-1 Connector Block (QTY 10)
TL-2PWR-HD	6' HD Power Feed (IP54)
TL-2JUMP6-HD	6" HD Linking Cable
TL-2JUMP24-HD	24" HD Linking Cable
TL-2SPL-HD	HD Tape to Tape Splice Connector
TL-2SPL-L-HD	90° "L" HD Tape to Tape Splice Connector (IP54)
WIRE-15-2PIN	15ft (20/2) Wire Spool
WIRE-CMP-100-3PIN	100ft (16/3) In-wall Rated Wire Spool
INLINE-SC-CTRL	Simple Select In-line Controller (Single Color)
LVSB-2PIN	In-Line Splice Terminal Block
RCWY-PVC-1M	1m Plastic Wire Cover Raceway (White)



HTMR-COB SERIES QUICK SET-UP



RECOMMENDED POWER SUPPLIES

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	DIMENSIONS
ADPT-DRJ-30-24	Adaptive Series 30W	30W / 3W	100-277V AC	24V	Yes*	6.49"L x 3.6"W x 1.02"H
ADPT-DRJ-60-24	Adaptive Series 60W	60W / 6W	100-277V AC	24V	Yes*	7.4"L x 3.6"W x 1.02"H
ADPT-DRJ-96-24	Adaptive Series 96W	96W / 9.6W	100-277V AC	24V	Yes*	8.66"L x 3.6"W x 1.61"H
ADPT-DRJ-192-24	Adaptive Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V	Yes*	10.94"L x 4.25"W x 1.8"H
ADPT-DRJ-288-24	Adaptive Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V	Yes*	11.85"L x 4.25"W x 1.8"H

Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers

STL SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inches)	Length (Feet)
1	41.6	1.64	0.14
2	83.2	3.28	0.27
3	124.8	4.91	0.41
4	166.4	6.55	0.55
5	208	8.19	0.68
6	249.6	9.83	0.82
7	291.2	11.46	0.96
8	332.8	13.10	1.09
9	374.4	14.74	1.23
10	416	16.38	1.36
11	457.6	18.02	1.50
12	499.2	19.65	1.64
13	540.8	21.29	1.77
14	582.4	22.93	1.91
15	624	24.57	2.05
16	665.6	26.20	2.18
17	707.2	27.84	2.32
18	748.8	29.48	2.46
19	790.4	31.12	2.59
20	832	32.76	2.73
21	873.6	34.39	2.87
22	915.2	36.03	3.00
23	956.8	37.67	3.14
24	998.4	39.31	3.28
25	1040	40.94	3.41
26	1081.6	42.58	3.55
27	1123.2	44.22	3.69
28	1164.8	45.86	3.82
29	1206.4	47.50	3.96
30	1248	49.13	4.09
31	1289.6	50.77	4.23
32	1331.2	52.41	4.37
33	1372.8	54.05	4.50
34	1414.4	55.69	4.64
35	1456	57.32	4.78
36	1497.6	58.96	4.91
37	1539.2	60.60	5.05
38	1580.8	62.24	5.19
39	1622.4	63.87	5.32
40	1664	65.51	5.46
41	1705.6	67.15	5.60
42	1747.2	68.79	5.73
43	1788.8	70.43	5.87
44	1830.4	72.06	6.01
45	1872	73.70	6.14
46	1913.6	75.34	6.28
47	1955.2	76.98	6.41
48	1996.8	78.61	6.55
49	2038.4	80.25	6.69
50	2080	81.89	6.82

Segment	Length (MM)	Length (Inches)	Length (Feet)
51	2121.6	83.53	6.96
52	2163.2	85.17	7.10
53	2204.8	86.80	7.23
54	2246.4	88.44	7.37
55	2288	90.08	7.51
56	2329.6	91.72	7.64
57	2371.2	93.35	7.78
58	2412.8	94.99	7.92
59	2454.4	96.63	8.05
60	2496	98.27	8.19
61	2537.6	99.91	8.33
62	2579.2	101.54	8.46
63	2620.8	103.18	8.60
64	2662.4	104.82	8.73
65	2704	106.46	8.87
66	2745.6	108.09	9.01
67	2787.2	109.73	9.14
68	2828.8	111.37	9.28
69	2870.4	113.01	9.42
70	2912	114.65	9.55
71	2953.6	116.28	9.69
72	2995.2	117.92	9.83
73	3036.8	119.56	9.96
74	3078.4	121.20	10.10
75	3120	122.83	10.24
76	3161.6	124.47	10.37
77	3203.2	126.11	10.51
78	3244.8	127.75	10.65
79	3286.4	129.39	10.78
80	3328	131.02	10.92
81	3369.6	132.66	11.06
82	3411.2	134.30	11.19
83	3452.8	135.94	11.33
84	3494.4	137.57	11.46
85	3536	139.21	11.60
86	3577.6	140.85	11.74
87	3619.2	142.49	11.87
88	3660.8	144.13	12.01
89	3702.4	145.76	12.15
90	3744	147.40	12.28
91	3785.6	149.04	12.42
92	3827.2	150.68	12.56
93	3868.8	152.31	12.69
94	3910.4	153.95	12.83
95	3952	155.59	12.97
96	3993.6	157.23	13.10
97	4035.2	158.87	13.24
98	4076.8	160.50	13.38
99	4118.4	162.14	13.51
100	4160	163.78	13.65

Segment	Length (MM)	Length (Inches)	Length (Feet)
101	4201.6	165.42	13.78
102	4243.2	167.06	13.92
103	4284.8	168.69	14.06
104	4326.4	170.33	14.19
105	4368	171.97	14.33
106	4409.6	173.61	14.47
107	4451.2	175.24	14.60
108	4492.8	176.88	14.74
109	4534.4	178.52	14.88
110	4576	180.16	15.01
111	4617.6	181.80	15.15
112	4659.2	183.43	15.29
113	4700.8	185.07	15.42
114	4742.4	186.71	15.56
115	4784	188.35	15.70
116	4825.6	189.98	15.83
117	4867.2	191.62	15.97
118	4908.8	193.26	16.10
119	4950.4	194.90	16.24
120	4992	196.54	16.38
121	5033.6	198.17	16.51
122	5075.2	199.81	16.65
123	5116.8	201.45	16.79
124	5158.4	203.09	16.92
125	5200	204.72	17.06
126	5241.6	206.36	17.20
127	5283.2	208.00	17.33
128	5324.8	209.64	17.47
129	5366.4	211.28	17.61
130	5408	212.91	17.74
131	5449.6	214.55	17.88
132	5491.2	216.19	18.02
133	5532.8	217.83	18.15
134	5574.4	219.46	18.29
135	5616	221.10	18.43
136	5657.6	222.74	18.56
137	5699.2	224.38	18.70
138	5740.8	226.02	18.83
139	5782.4	227.65	18.97
140	5824	229.29	19.11
141	5865.6	230.93	19.24
142	5907.2	232.57	19.38
143	5948.8	234.20	19.52
144	5990.4	235.84	19.65
145	6032	237.48	19.79
146	6073.6	239.12	19.93
147	6115.2	240.76	20.06
148	6156.8	242.39	20.20
149	6198.4	244.03	20.34
150	6240	245.67	20.47

STL SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inches)	Length (Feet)
151	6281.6	247.31	20.61
152	6323.2	248.94	20.75
153	6364.8	250.58	20.88
154	6406.4	252.22	21.02
155	6448	253.86	21.15
156	6489.6	255.50	21.29
157	6531.2	257.13	21.43
158	6572.8	258.77	21.56
159	6614.4	260.41	21.70
160	6656	262.05	21.84
161	6697.6	263.68	21.97
162	6739.2	265.32	22.11
163	6780.8	266.96	22.25
164	6822.4	268.60	22.38
165	6864	270.24	22.52
166	6905.6	271.87	22.66
167	6947.2	273.51	22.79
168	6988.8	275.15	22.93
169	7030.4	276.79	23.07
170	7072	278.43	23.20
171	7113.6	280.06	23.34
172	7155.2	281.70	23.48
173	7196.8	283.34	23.61
174	7238.4	284.98	23.75
175	7280	286.61	23.88
176	7321.6	288.25	24.02
177	7363.2	289.89	24.16
178	7404.8	291.53	24.29
179	7446.4	293.17	24.43
180	7488	294.80	24.57
181	7529.6	296.44	24.70
182	7571.2	298.08	24.84
183	7612.8	299.72	24.98
184	7654.4	301.35	25.11
185	7696	302.99	25.25
186	7737.6	304.63	25.39
187	7779.2	306.27	25.52
188	7820.8	307.91	25.66
189	7862.4	309.54	25.80
190	7904	311.18	25.93
191	7945.6	312.82	26.07
192	7987.2	314.46	26.20
193	8028.8	316.09	26.34
194	8070.4	317.73	26.48
195	8112	319.37	26.61
196	8153.6	321.01	26.75
197	8195.2	322.65	26.89
198	8236.8	324.28	27.02
199	8278.4	325.92	27.16
200	8320	327.56	27.30

Segment	Length (MM)	Length (Inches)	Length (Feet)
201	8361.6	329.20	27.43
202	8403.2	330.83	27.57
203	8444.8	332.47	27.71
204	8486.4	334.11	27.84
205	8528	335.75	27.98
206	8569.6	337.39	28.12
207	8611.2	339.02	28.25
208	8652.8	340.66	28.39
209	8694.4	342.30	28.52
210	8736	343.94	28.66
211	8777.6	345.57	28.80
212	8819.2	347.21	28.93
213	8860.8	348.85	29.07
214	8902.4	350.49	29.21
215	8944	352.13	29.34
216	8985.6	353.76	29.48
217	9027.2	355.40	29.62
218	9068.8	357.04	29.75
219	9110.4	358.68	29.89
220	9152	360.31	30.03
221	9193.6	361.95	30.16
222	9235.2	363.59	30.30
223	9276.8	365.23	30.44
224	9318.4	366.87	30.57
225	9360	368.50	30.71
226	9401.6	370.14	30.85
227	9443.2	371.78	30.98
228	9484.8	373.42	31.12
229	9526.4	375.06	31.25
230	9568	376.69	31.39
231	9609.6	378.33	31.53
232	9651.2	379.97	31.66
233	9692.8	381.61	31.80
234	9734.4	383.24	31.94
235	9776	384.88	32.07
236	9817.6	386.52	32.21
237	9859.2	388.16	32.35
238	9900.8	389.80	32.48
239	9942.4	391.43	32.62
240	9984	393.07	32.76

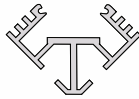
COMPATIBLE MOUNTING CHANNELS 10mm



ECONOMY

EE1-AAFR

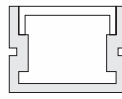
Dimensions: 5/8" (16mm) W
x 1/4" (7mm) H



ECONOMY 45

EE45-AAFR

Dimensions: 3/4" (19mm) W
x 3/4" (19mm) H



UNIVERSAL

PE-AA2 / PE-UNV

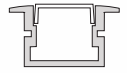
Dimensions: 16/25" (16mm) W
x 47/100" (12mm) H



UNIVERSAL MINI

PE-AA1 / PE-UNV MINI

Dimensions: 19/32" (15mm) W
x 1/4" (6mm) H



DOUBLE FLANGE

PE-AA2DF

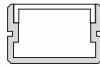
Dimensions: 5/8" (16mm) W
x 7/16" (11mm) H



MINI DOUBLE FLANGE

PE-AA1DF

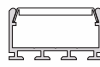
Dimensions: 19/32" (15mm) W
x 5/32" (4mm) H



GT

PE-GT

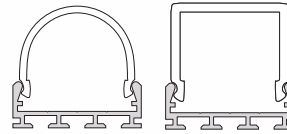
Dimensions: 3/4" (19mm) W
x 1/2" (12mm) H



GTX

PE-GTX

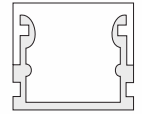
Dimensions: 1" (26mm) W
x 9/16" (14.5mm) H



TURBO

PE-TURBO2

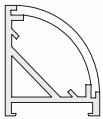
Dimensions: 1" (26mm) W x 1" (25mm) H



TRACE

PE-TRACE

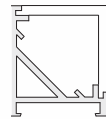
Dimensions: 13/16" (21mm) W
x 13/16" (21mm) H



RADIUS

PE-RAD

Dimensions: 25/32" (20mm) W
x 29/32" (23mm) H



RUBIK

PE-RUBIK

Dimensions: 29/32" (23mm) W
x 25/32" (20mm) H



STANT

PE-SSTANT

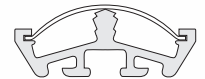
Dimensions: 1-3/16" (30mm) W
x 1/4" (7mm) H



TRIPLE STANT

PE-3STANT

Dimensions: 2-11/32" (59mm) W
x 3/8" (9mm) H



DYAD

PE-DYAD

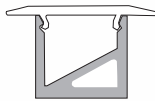
Dimensions: 1.35" (34.2mm) W
x 0.47" (12mm) H



CAMBER

PE-CMBR

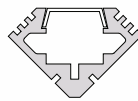
Dimensions: 0.71" (18mm) W x
0.23" (5.7mm) H



BEVEL 28

PE-B28

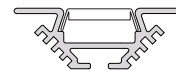
Dimensions: .47" (12mm) W
x .47" (12mm) H



PREMIUM 45

PE-AA45

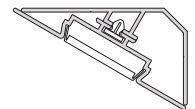
Dimensions: 3/4" (19mm) W
x 3/4" (19mm) H



PRO 45

PE-PRO45

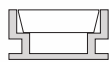
Dimensions: 1-3/16" (30mm) W
x 7/16" (10mm) H



PRO 30

PE-PRO30

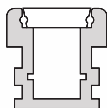
Dimensions: 1-13/16" (46mm) W
x 1-1/16" (27mm) H



HELM

PE-HELM

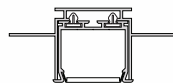
Dimensions: 13/16" (20mm) W
x 11/32" (8.5mm) H



PAVER

PE-PAVER

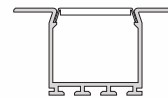
Dimensions: 1" (26mm) W
x 1" (26mm) H



MINI FLANGE SLOT

PE-SLOT

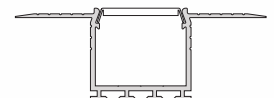
Dimensions: 1-3/16" (30mm) W
x 15/16" (24mm) H



STANDARD FLANGE SLOT

PE-DFSLOT

Dimensions: 1" (25mm) W
x 15/16" (24mm) H



INVISIBLE SLOT

PE-INVSLT

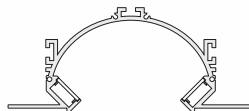
Dimensions: 1-1/16" (27mm) W
x 15/16" (24mm) H



VERGE

PE-VERGE

Dimensions: 4.85" (123.83mm) W
x 25/64" (10mm) H



ARC

PE-ARC

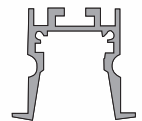
Dimensions: 4-13/16" (122.4mm) W
x 2" (50.8mm) H



SCOOP WW

PE-SWW

Dimensions: .54" (13.59mm) W
x 3.79" (96mm) H



REGAL REGRESS

PE-REG

Dimensions: 1.16" (29.49mm) W
x 1.03" (26.25mm) H



STRUT:

PE-STRUT

Dimensions: 5/8" (15.5mm) W
x 1-3/8" (29.89mm) H



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point at which 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.

Warranty life based on average 8 hours/day use, 7 days/week. Product should be cycled off for at least 6 hours per day.

SAFETY

You must disconnect lighting products from the power supply before servicing or replacing bulbs. Only qualified personnel should install and perform service on lighting products. Periodic inspection and maintenance is required to keep equipment operating properly and at peak performance. Do not mount fixtures on or adjacent to combustible materials.

Lighting products may present a possible shock or fire hazard if improperly installed or attached in any way. Products should always be installed in accordance with their instruction manuals, current electrical codes, and/or the current National Electric Code (NEC). Code compliance is the sole responsibility of the person, company, or party performing the installation of product. Failure to comply with national and/or regional safety codes may result in hazardous or dangerous conditions, damage to property or life, and/or altered product performance/specifications.

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed on the reverse by product category. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for any product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty. Limited Product Warranty applies to lengths up to 75 feet for rope light products.

STANDARD LINEAR WARRANTY

Rope light and linear lighting products in all their various types and shapes, whether LED or incandescent, are wired in series parallel. This means that several individual lamps or LEDs are wired together in series to equal 12V, 24V or 120V. Then these sections are wired together (in parallel) to light up in unison. If one solder joint, lamp or resistor fails, a whole section will not light. Due to the number of elements involved, and the numerous extenuating circumstances beyond our control, American Lighting Inc offers a Standard Linear Warranty on most linear lighting products. The limited liability warranty is listed above, however the Standard Linear Warranty offers replacement product by section due to defective material and/or workmanship for one year beginning from the date of shipment from American Lighting Inc's warehouse to the original purchaser.

USE OF LINEAR LIGHTING IN OUTDOOR APPLICATIONS

Incandescent rope light and LED Flexbrite UL 2388 custom cuts; incandescent and LED Flexbrite pre-packaged kits; and UL Listed (special order) cuts of LED Neon Flexbrite Plus and Economy have factory assembled power connections and end caps that seal the rope from moisture. Due to strict quality control standards, American Lighting is able to offer a limited warranty on these items rather than the standard linear lighting warranty that replaces product by defective section only. For outdoor applications, best practices include using kits interconnected (same length kits are best for color control of White LED Flexbrite) or using custom cuts that do not exceed 75 feet.

For all linear lighting categories, any non-rated field connection made in an outdoor application should be properly sealed with dielectric grease covering all conductive materials; and properly installed power connections and end caps, sealed with dielectric grease, silicone, and heat shrink tube. However, since non-rated (field executed) power connections of linear lighting products cannot be quality controlled, and outdoor use of non-rated product is not recommended, American Lighting cannot warrant the product to any purchaser.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% additional product for a project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.