

TUNABLE COB TAPE LIGHT

24V DC Tunable CCT 2700K to 6000K

COB Tape Light features uniform illumination without the need for additional diffused covers or accessories. Adjust color temps from 2700K to 6000K and everything in between to create elegant lighting catered to times of day or application setting.

- Seamless COB design that eliminates virtually all LED dotting
- Dynamic white color tuning from 2700K up to 6000K
- 90+ color rendering index
- Up to 400 lumen per foot output performance
- Consumes up to 4.5W per foot
- Cuttable every 2.46" with maximum runs up to 16.4ft
- 5-100% Dimmable with most secondary side controls
- Control color temperature via DMX or secondary side controls
- cULus Listed for indoor dry/damp locations
- 50,000 hours rated life

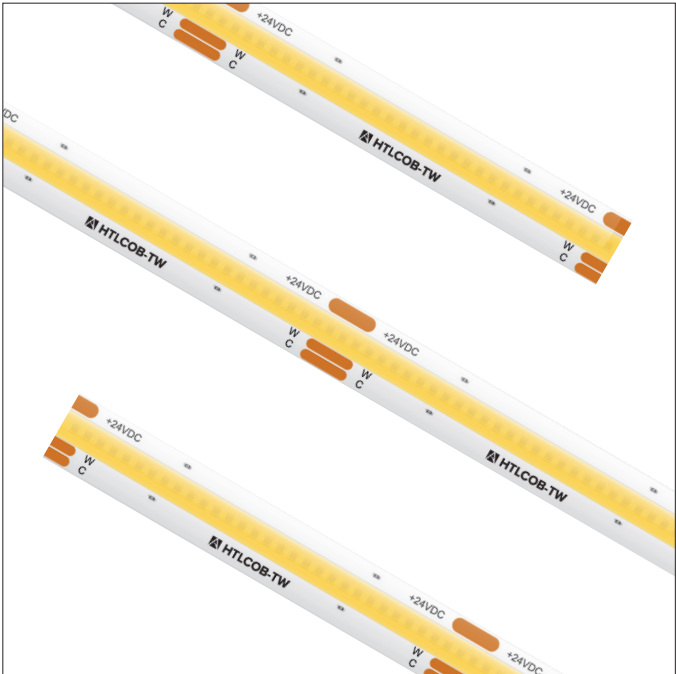


PROJECT:

TYPE:


LOCATION:

CATALOG NUMBER:



| HTL-COB-TW SERIES QUICK SPECS | |
|-------------------------------|---|
| VOLTAGE | 24V DC |
| WATTAGE | 4.5W / ft |
| LUMENS | Up to 400Lm / ft |
| CCT | 2700K-6000K |
| CRI | 90+ |
| MAX RUN | 16.4ft |
| CUTTING POINTS | 2.46" (62.5mm) |
| IP RATING | IP54 - Coated |
| DIMMING | 5-100% (Requires Secondary Side Controller) |
| DIMENSIONS | 10mm (0.39") W x 1.65mm (0.06") H |
| BEAM ANGLE | 120° |
| OPERATING TEMP | 5°C (41°F) to 70°C (158°F) |
| CERTIFICATIONS | cULus Listed - Dry / Damp Location |
| RATED LIFE | 50,000 Hours |

HTL-COB-TW SERIES IP RATINGS

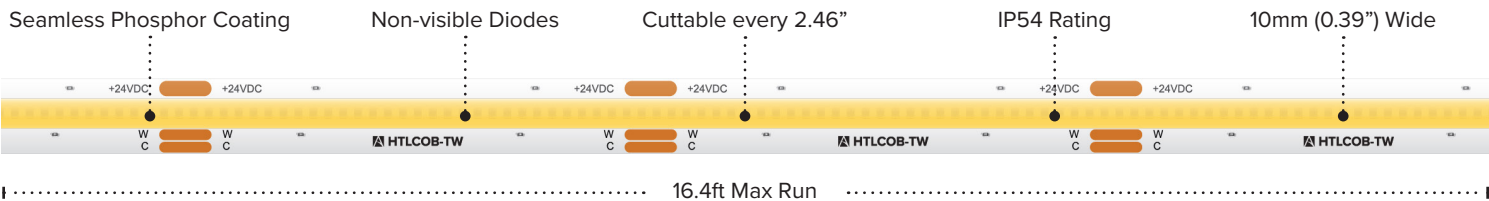


IP54 (Coated)

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


HTL-COB-TW SERIES QUICK LOOK





| HTL-COB-TW SERIES ORDERING INFORMATION | | | | | *Custom Cut Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery* | | | | |
|--|---------|-------------|---------|-------------|--|-----------|-----|----------------|---------|
| ITEM NUMBER | VOLTAGE | CCT | LENGTH | LUMENS / FT | WATTAGE / FT | IP RATING | CRI | CUTTING | MAX RUN |
| HTL-COB-TW-16 | 24V DC | 2700K-6000K | 16.4 ft | 400Lm / ft | 4.5W / ft | IP54 | 90+ | 2.46" (62.5mm) | 16.4 ft |
| 16.4ft Reels (IP54) Include: Attached 3ft Lead Wire / Attached 3ft Tail Wire | | | | | | | | | |


| HTL-COB-TW SERIES ACCESSORIES | |
|-------------------------------|---|
| ITEM NUMBER | DESCRIPTION |
| WIRE-15-4PIN | 15ft (20/4) Wire Spool |
| WIRE-CMP-100-6PIN | 100ft (16/6) In-wall Rated Wire Spool |
| TL-3SPL-COB | 3-Pin, 10mm COB Tape-to-Tape Splicer Connector |
| TL-3PWR-COB | 3-Pin, 10mm COB Power Connector, 6ft |
| TL-3JUMP6-COB | 3-Pin, 10mm COB Tape-to-Tape Linking Connector, 6in |
| INLINE-TW-CTRL | Simple Select In-line Controller (Tunable CCT) |
| RCWY-PVC-1M | 1m Plastic Wire Cover Raceway |

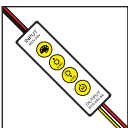
WIRE-15-4PIN


WIRE-CMP-100-6PIN

TL-3SPL-COB

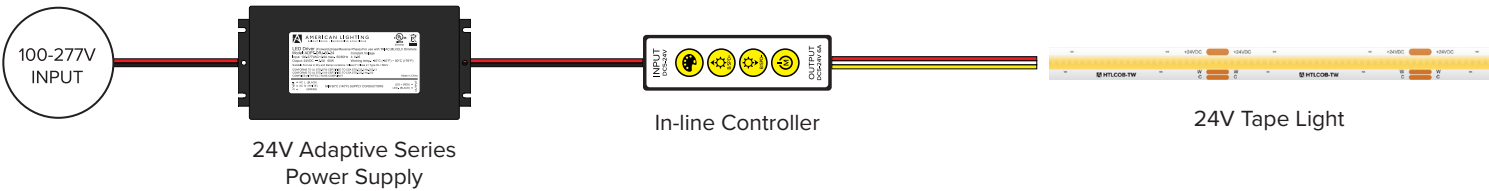
TL-3PWR-COB

TL-3JUMP6-COB

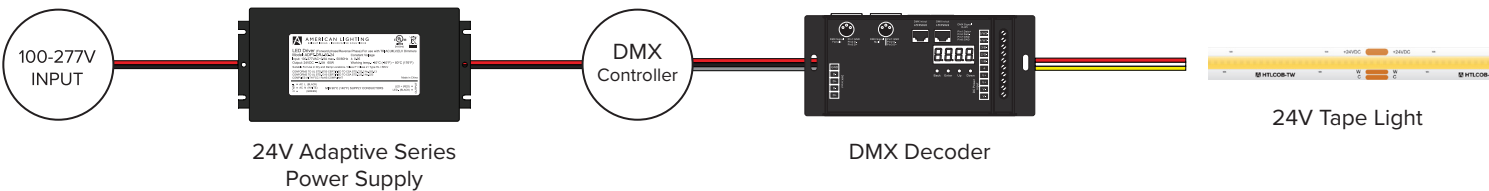
INLINE-TW-CTRL

RCWY-PVC-1M

TLH-COB-TW SERIES SIMPLE SELECT QUICK SET-UP



TLH-COB-TW SERIES DMX 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

HTL-COB-TW SERIES CUT INCREMENT GUIDE

| Segment | Length (MM) | Length (Inch) | Length (Feet) |
|---------|-------------|---------------|---------------|
| 1 | 62.5 | 2.46 | 0.21 |
| 2 | 125 | 4.92 | 0.41 |
| 3 | 187.5 | 7.38 | 0.62 |
| 4 | 250 | 9.84 | 0.82 |
| 5 | 312.5 | 12.3 | 1.03 |
| 6 | 375 | 14.76 | 1.23 |
| 7 | 437.5 | 17.22 | 1.44 |
| 8 | 500 | 19.68 | 1.64 |
| 9 | 562.5 | 22.14 | 1.85 |
| 10 | 625 | 24.6 | 2.05 |
| 11 | 687.5 | 27.06 | 2.26 |
| 12 | 750 | 29.52 | 2.46 |
| 13 | 812.5 | 31.98 | 2.67 |
| 14 | 875 | 34.44 | 2.87 |
| 15 | 937.5 | 36.9 | 3.08 |
| 16 | 1000 | 39.36 | 3.28 |
| 17 | 1062.5 | 41.82 | 3.49 |
| 18 | 1125 | 44.28 | 3.69 |
| 19 | 1187.5 | 46.74 | 3.90 |
| 20 | 1250 | 49.2 | 4.10 |
| 21 | 1312.5 | 51.66 | 4.31 |
| 22 | 1375 | 54.12 | 4.51 |
| 23 | 1437.5 | 56.58 | 4.72 |
| 24 | 1500 | 59.04 | 4.92 |
| 25 | 1562.5 | 61.5 | 5.13 |
| 26 | 1625 | 63.96 | 5.33 |
| 27 | 1687.5 | 66.42 | 5.54 |
| 28 | 1750 | 68.88 | 5.74 |
| 29 | 1812.5 | 71.34 | 5.95 |
| 30 | 1875 | 73.8 | 6.15 |
| 31 | 1937.5 | 76.26 | 6.36 |
| 32 | 2000 | 78.72 | 6.56 |
| 33 | 2062.5 | 81.18 | 6.77 |
| 34 | 2125 | 83.64 | 6.97 |
| 35 | 2187.5 | 86.1 | 7.18 |
| 36 | 2250 | 88.56 | 7.38 |
| 37 | 2312.5 | 91.02 | 7.59 |
| 38 | 2375 | 93.48 | 7.79 |
| 39 | 2437.5 | 95.94 | 8.00 |
| 40 | 2500 | 98.4 | 8.20 |
| 41 | 2562.5 | 100.86 | 8.41 |
| 42 | 2625 | 103.32 | 8.61 |
| 43 | 2687.5 | 105.78 | 8.82 |
| 44 | 2750 | 108.24 | 9.02 |
| 45 | 2812.5 | 110.7 | 9.23 |
| 46 | 2875 | 113.16 | 9.43 |
| 47 | 2937.5 | 115.62 | 9.64 |
| 48 | 3000 | 118.08 | 9.84 |
| 49 | 3062.5 | 120.54 | 10.05 |
| 50 | 3125 | 123 | 10.25 |

| Segment | Length (MM) | Length (Inch) | Length (Feet) |
|---------|-------------|---------------|---------------|
| 51 | 3187.5 | 125.46 | 10.46 |
| 52 | 3250 | 127.92 | 10.66 |
| 53 | 3312.5 | 130.38 | 10.87 |
| 54 | 3375 | 132.84 | 11.07 |
| 55 | 3437.5 | 135.3 | 11.28 |
| 56 | 3500 | 137.76 | 11.48 |
| 57 | 3562.5 | 140.22 | 11.69 |
| 58 | 3625 | 142.68 | 11.89 |
| 59 | 3687.5 | 145.14 | 12.10 |
| 60 | 3750 | 147.6 | 12.30 |
| 61 | 3812.5 | 150.06 | 12.51 |
| 62 | 3875 | 152.52 | 12.71 |
| 63 | 3937.5 | 154.98 | 12.92 |
| 64 | 4000 | 157.44 | 13.12 |
| 65 | 4062.5 | 159.9 | 13.33 |
| 66 | 4125 | 162.36 | 13.53 |
| 67 | 4187.5 | 164.82 | 13.74 |
| 68 | 4250 | 167.28 | 13.94 |
| 69 | 4312.5 | 169.74 | 14.15 |
| 70 | 4375 | 172.2 | 14.35 |
| 71 | 4437.5 | 174.66 | 14.56 |
| 72 | 4500 | 177.12 | 14.76 |
| 73 | 4562.5 | 179.58 | 14.97 |
| 74 | 4625 | 182.04 | 15.17 |
| 75 | 4687.5 | 184.5 | 15.38 |
| 76 | 4750 | 186.96 | 15.58 |
| 77 | 4812.5 | 189.42 | 15.79 |
| 78 | 4875 | 191.88 | 15.99 |
| 79 | 4937.5 | 194.34 | 16.20 |
| 80 | 5000 | 196.8 | 16.40 |
| 81 | 5062.5 | 199.26 | 16.61 |
| 82 | 5125 | 201.72 | 16.81 |
| 83 | 5187.5 | 204.18 | 17.02 |
| 84 | 5250 | 206.64 | 17.22 |
| 85 | 5312.5 | 209.1 | 17.43 |
| 86 | 5375 | 211.56 | 17.63 |
| 87 | 5437.5 | 214.02 | 17.84 |
| 88 | 5500 | 216.48 | 18.04 |
| 89 | 5562.5 | 218.94 | 18.25 |
| 90 | 5625 | 221.4 | 18.45 |
| 91 | 5687.5 | 223.86 | 18.66 |
| 92 | 5750 | 226.32 | 18.86 |
| 93 | 5812.5 | 228.78 | 19.07 |
| 94 | 5875 | 231.24 | 19.27 |
| 95 | 5937.5 | 233.7 | 19.48 |
| 96 | 6000 | 236.16 | 19.68 |
| 97 | 6062.5 | 238.62 | 19.89 |
| 98 | 6125 | 241.08 | 20.09 |
| 99 | 6187.5 | 243.54 | 20.30 |
| 100 | 6250 | 246 | 20.50 |

| Segment | Length (MM) | Length (Inch) | Length (Feet) |
|---------|-------------|---------------|---------------|
| 101 | 6312.5 | 248.46 | 20.71 |
| 102 | 6375 | 250.92 | 20.91 |
| 103 | 6437.5 | 253.38 | 21.12 |
| 104 | 6500 | 255.84 | 21.32 |
| 105 | 6562.5 | 258.3 | 21.53 |
| 106 | 6625 | 260.76 | 21.73 |
| 107 | 6687.5 | 263.22 | 21.94 |
| 108 | 6750 | 265.68 | 22.14 |
| 109 | 6812.5 | 268.14 | 22.35 |
| 110 | 6875 | 270.6 | 22.55 |
| 111 | 6937.5 | 273.06 | 22.76 |
| 112 | 7000 | 275.52 | 22.96 |
| 113 | 7062.5 | 277.98 | 23.17 |
| 114 | 7125 | 280.44 | 23.37 |
| 115 | 7187.5 | 282.9 | 23.58 |
| 116 | 7250 | 285.36 | 23.78 |
| 117 | 7312.5 | 287.82 | 23.99 |
| 118 | 7375 | 290.28 | 24.19 |
| 119 | 7437.5 | 292.74 | 24.40 |
| 120 | 7500 | 295.2 | 24.60 |
| 121 | 7562.5 | 297.66 | 24.81 |
| 122 | 7625 | 300.12 | 25.01 |
| 123 | 7687.5 | 302.58 | 25.22 |
| 124 | 7750 | 305.04 | 25.42 |
| 125 | 7812.5 | 307.5 | 25.63 |
| 126 | 7875 | 309.96 | 25.83 |
| 127 | 7937.5 | 312.42 | 26.04 |
| 128 | 8000 | 314.88 | 26.24 |
| 129 | 8062.5 | 317.34 | 26.45 |
| 130 | 8125 | 319.8 | 26.65 |
| 131 | 8187.5 | 322.26 | 26.86 |
| 132 | 8250 | 324.72 | 27.06 |
| 133 | 8312.5 | 327.18 | 27.27 |
| 134 | 8375 | 329.64 | 27.47 |
| 135 | 8437.5 | 332.1 | 27.68 |
| 136 | 8500 | 334.56 | 27.88 |
| 137 | 8562.5 | 337.02 | 28.09 |
| 138 | 8625 | 339.48 | 28.29 |
| 139 | 8687.5 | 341.94 | 28.50 |
| 140 | 8750 | 344.4 | 28.70 |
| 141 | 8812.5 | 346.86 | 28.91 |
| 142 | 8875 | 349.32 | 29.11 |
| 143 | 8937.5 | 351.78 | 29.32 |
| 144 | 9000 | 354.24 | 29.52 |
| 145 | 9062.5 | 356.7 | 29.73 |
| 146 | 9125 | 359.16 | 29.93 |
| 147 | 9187.5 | 361.62 | 30.14 |
| 148 | 9250 | 364.08 | 30.34 |
| 149 | 9312.5 | 366.54 | 30.55 |
| 150 | 9375 | 369 | 30.75 |

| Segment | Length (MM) | Length (Inch) | Length (Feet) |
|---------|-------------|---------------|---------------|
| 151 | 9437.5 | 371.46 | 30.96 |
| 152 | 9500 | 373.92 | 31.16 |
| 153 | 9562.5 | 376.38 | 31.37 |
| 154 | 9625 | 378.84 | 31.57 |
| 155 | 9687.5 | 381.3 | 31.78 |
| 156 | 9750 | 383.76 | 31.98 |
| 157 | 9812.5 | 386.22 | 32.19 |
| 158 | 9875 | 388.68 | 32.39 |
| 159 | 9937.5 | 391.14 | 32.60 |
| 160 | 10000 | 393.6 | 32.80 |



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. 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 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.

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% more for a particular 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.

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 where 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.