

# COB SERIES PRO KIT

## 24V DC High Output COB - Pro Kit

Designed for lighting professionals, HD Series Pro Kits contain all of the essential installation components needed for basic single color linear lighting systems - just add a controller or dimmer and you're all set. Speed installations by taking out the guess work and questioning compatibility.

- Ready to install 24V DC tape light pro kit
- Includes 96W hardwire power supply and install accessories
- IP54 COB High Output grade
- Available in 2700K, 3000K, and 4000K with 90+ CRI
- Up to 460Lm per foot performance
- Cuttable every 1.97" with 16.4ft max run
- Create custom length power feeds and jumper wires
- Easy installation featuring 3M VBH adhesive backing
- Dimmable (5-100%) with most ELV, TRIAC dimmers
- cULus Listed for indoor dry locations
- 50,000 hours rated life

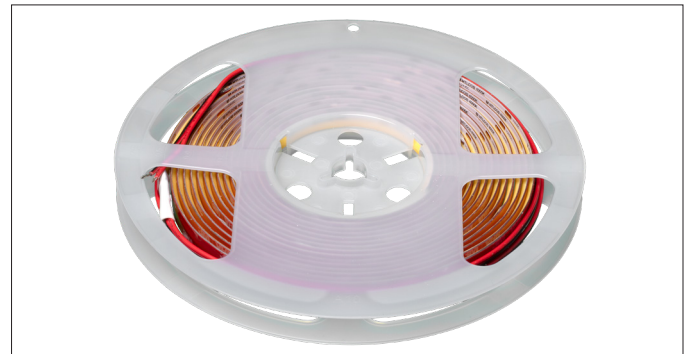


PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

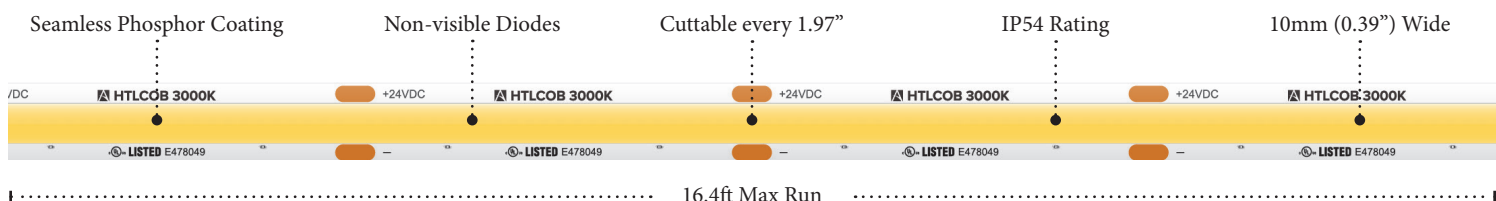
CATALOG NUMBER: \_\_\_\_\_



### COB SERIES QUICK SPECS

<b>VOLTAGE</b>	24V DC
<b>WATTAGE</b>	4.5W / ft
<b>LUMENS</b>	up to 460Lm / ft
<b>CCT OPTIONS</b>	2700K / 3000K / 4000K
<b>CRI</b>	90+
<b>MAX RUN</b>	16.4ft
<b>CUTTING POINTS</b>	1.97" (50mm)
<b>IP RATING</b>	IP54 Unjacketed
<b>DIMMING</b>	TRIAC / ELV (5-100%)
<b>DIMENSIONS</b>	0.39" (10mm) W x 0.06" (1.65mm) H
<b>BEAM ANGLE</b>	120°
<b>OPERATING TEMP</b>	5°C (41°F) to 70°C (158°F)
<b>CERTIFICATIONS</b>	cULus Listed - Damp/Dry Location
<b>RATED LIFE</b>	50,000 Hours

### COB SERIES QUICK LOOK



**COB PROKIT ORDERING INFORMATION**

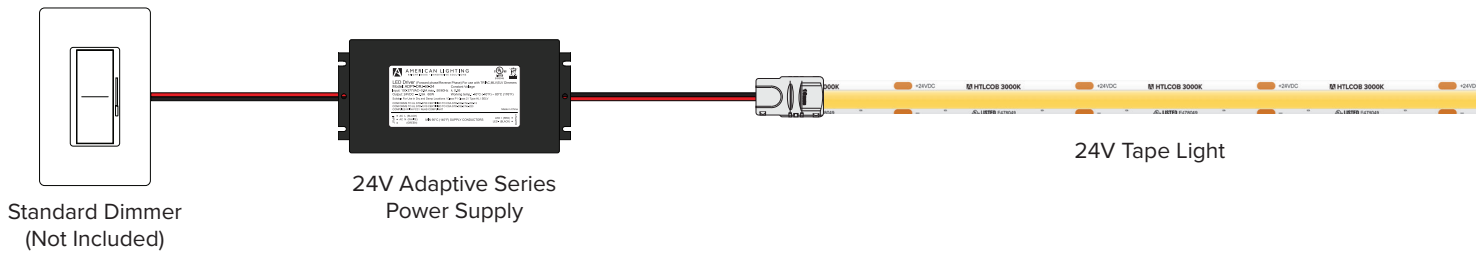
ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
<b>HTL-COB-UWW-PROKIT-16</b>	24V DC	2700K	16.4ft	369Lm/ft	4.5W/ft	IP54	90+	1.97" (50mm)	16.4ft
<b>HTL-COB-WW-PROKIT-16</b>	24V DC	3000K	16.4ft	409Lm/ft	4.5W/ft	IP54	90+	1.97" (50mm)	16.4ft
<b>HTL-COB-WH-PROKIT-16</b>	24V DC	4000K	16.4ft	460Lm/ft	4.5W/ft	IP54	90+	1.97" (50mm)	16.4ft



COB Pro Kits Include:

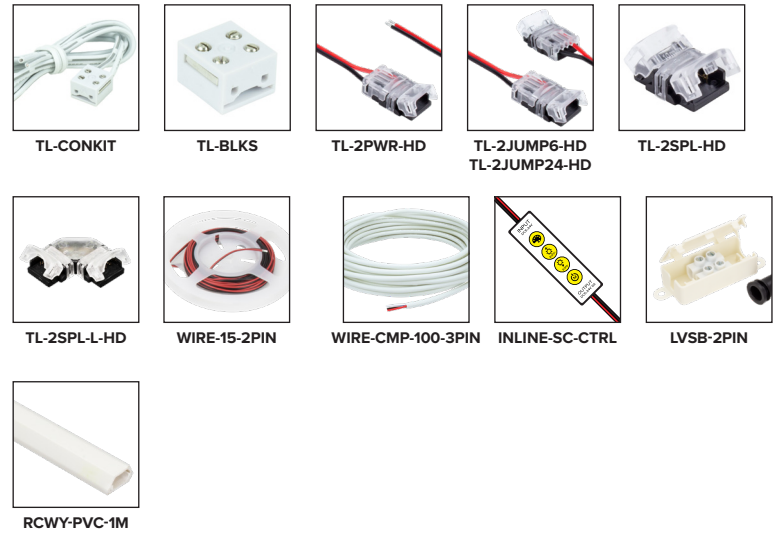
(1) 24V ADPT 96W Power Supply / (1) 15ft (20/2) Wire Spool / (10) HD Power Feeds / (3) HD Splice Connectors / (4) Wire connectors

**COB PROKIT QUICK SET-UP**



**COB PROKIT SERIES ACCESSORIES**

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





# 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](http://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.