

LTR-S-COB LED Specification Series

RGB+ Tunable White LED Tape 24VDC Dry Location Specification Sheet



PRODUCT OVERVIEW

GM's RGB + Tunable White COB tape adds a new dimension beyond simple RGB. With the addition of 2700K and 6500K White LEDs, an amazing combination of color and general lighting is enabled. Cool white light can be used for critical tasks while warm whites create a cozy environment. RGB colors create a wide array of accent options for your desired look. Compact, COB style tape means reduced pixelization for smoother looking light. Designed for high quality illumination in dynamic applications.

FEATURES

- Red, Green, Blue (RGB) channels for rich color applications
- Tunable White LEDs for general and task lighting (2700K-6500K)
- 169 LEDs (single color), 845 LEDs (all LEDs) per meter
- Cuttable Increment: 1-5/8"
- 90° L-sections make flat corner applications easy
- Custom lengths available - consult factory
- 150° viewing angle
- 3M adhesive back
- Compatible with 5-channel DMX or RF control

SPECIFICATIONS

ELECTRICAL

- 24VDC
- 5W per foot (all channels)
- Max run is 16'4" (5m)
- 5 LED channel, 6 wire LED tape

OPERATING TEMP

- -4°F to 104°F (-20°C to 40°C)

CERTIFICATION

- UL listed for US and Canada
- Class 2
- For use in dry and damp locations

WARRANTY

- 5 years when paired with GM power supply

Note: 24V non-dimming power supply required.

ORDERING INFORMATION

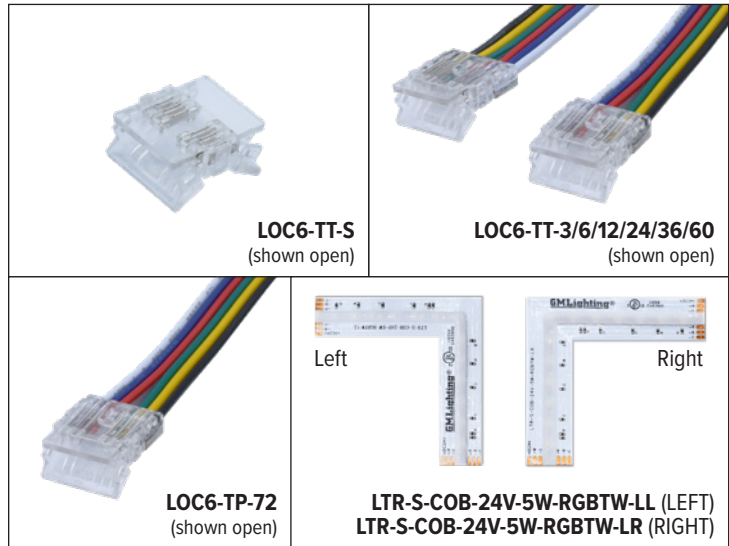
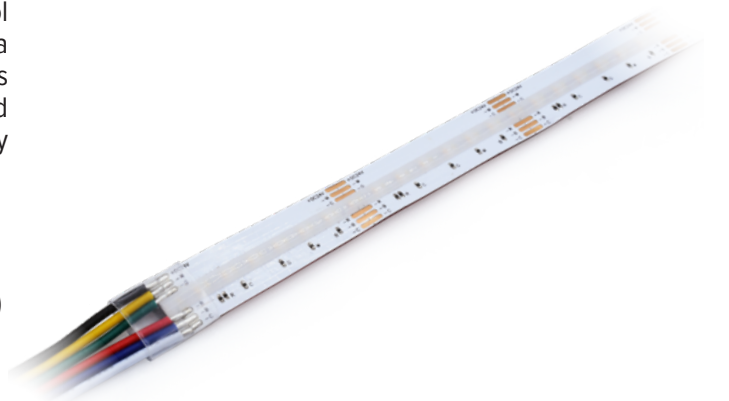
Example: **LTR-S-COB-24V-5W-RGBTW-16**

Model	Series	Voltage	Wattage	Type	Reel Length /Direction
LTR	S-COB	24V	5W	RGBTW	16 (Linear tape 16')
					LL (L-section LEFT)
					LR (L-section RIGHT)

Catalog No.	Description
LOC6-TT-S	Low profile 6C tape-to-tape splice connector
LOC6-TT-3	Low profile 6C tape-to-tape 3" wire connector
LOC6-TT-12	Low profile 6C tape-to-tape 12" wire connector
LOC6-TT-36	Low profile 6C tape-to-tape 36" wire connector
18-6-WIRE-XXXFT	18/6 In-wall rated cable (CMP) by the foot

Catalog No.	Description
LOC6-TP-72	Low profile 6C tape-to-power 72" wire connector
LOC6-TT-6	Low profile 6C tape-to-tape 6" wire connector
LOC6-TT-24	Low profile 6C tape-to-tape 24" wire connector
LOC6-TT-60	Low profile 6C tape-to-tape 60" wire connector

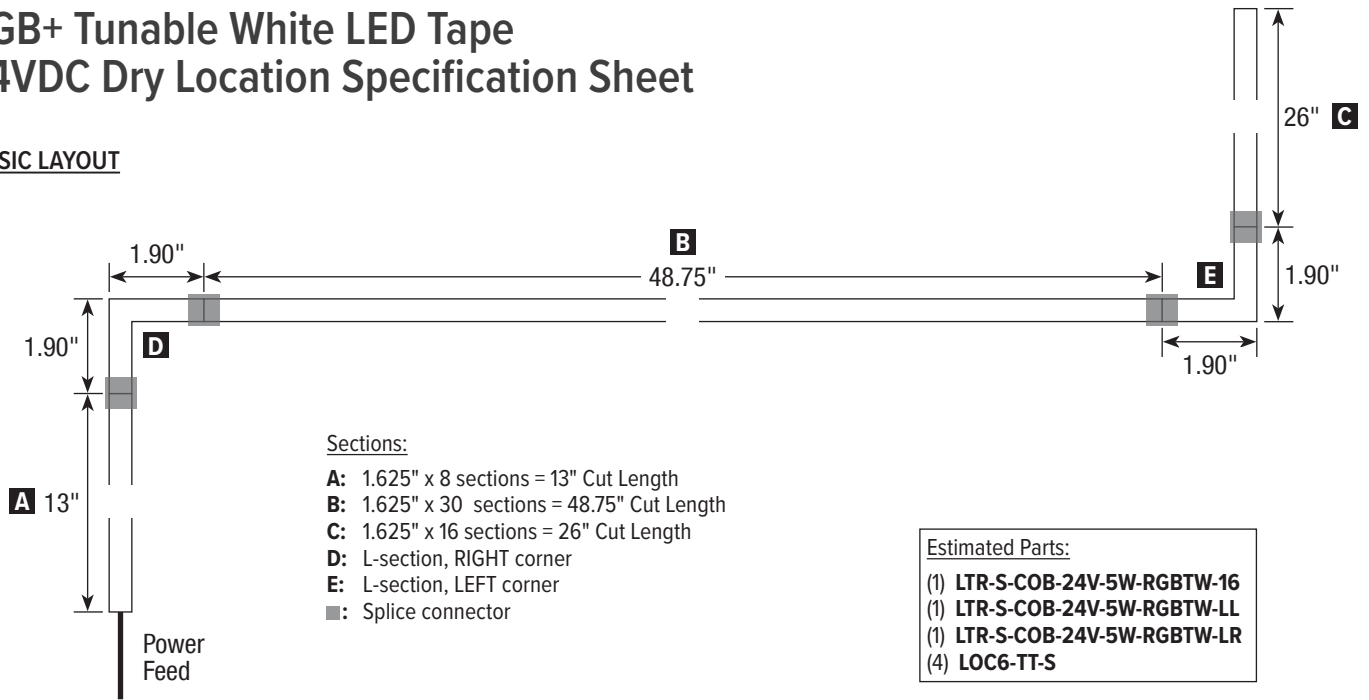
Project Name	Type
Catalog #	Date



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BASIC LAYOUT



COMPATIBLE CONTROLLERS

System	Catalog No.	Description
RF Control	HCCM-RF-RGBTW	RGBTW 5 Channel Controller with RF Remote with holder and mounting hardware
	RPT-RGBTW	5 Channel Repeater
DMX Control	DMX-LT-995	5-Channel DMX Decoder
	WC5-RGBTW-DMX-BT	Black Wall Control 5-Channel DMX, Bluetooth App (requires LD-E-UNV8-12)
	LD-E-UNV8-12	12V 8W Constant Voltage Driver 120V/277VAC In
	DMX-TR-5	DMX Terminator Resistor 120 Ohm, 1/4 Watt, 5 pcs

RECOMMENDED DRIVERS

Model	Description	Watts	Weight	Dimensions
LD-E-UNV30	12VDC / 24VDC - 30W - 120V or 277V - 50/60Hz 12V/2.5A - 24V/1.25A - Class 2 Auto reset	30W	1.0 lbs	6.10"L x 3.35"W x 1.33"H
LD-E-UNV60	12VDC / 24VDC - 60W - 120V or 277V - 50/60Hz 12V/5A - 24V/2.5A - Class 2 Auto reset	60W	2.5 lbs	8.25"L x 4.10"W x 1.56"H
LD-E-UNV96-24	24VDC - 96W - 120V or 277V - 50/60Hz - 4 amps Class 2 Auto reset	96W	2.5 lbs	8.25"L x 4.10"W x 1.56"H
LD-E-UNV200-24	24VDC - 192W - 120V or 277V - 50/60Hz - 4 amps per channel (2) Class 2 Auto reset 2 x 96W channel	192W	4.7 lbs	9.50"L x 6.35"W x 1.56"H
LD-E-UNV300-24	24VDC - 288W - 120V or 277V - 50/60Hz - 4 amps per channel (3) Class 2 Auto reset 3 x 96W channel	288W	4.7 lbs	9.50"L x 6.35"W x 1.56"H

Please see our website for updated power supply specifications and information.

CORD AND PLUG DRIVERS

Model	Description	Watts	Weight	Dimensions
LTP24-48	24VDC - 48W - 2 amps - 120V - 120V cord (72") and plug Short circuit, overload protection - LED indicator for power on. UL listed	48W	1.8 lbs	4.68"L x 2.05"W x 1.25"H
LTP24-90	24VDC - 90W - 3.75 amps - 120V - 120V cord (72") and plug Short circuit, overload protection - LED indicator for power on. UL listed	90W	1.8 lbs	4.68"L x 2.05"W x 1.25"H

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