

Lumaris RGB + Tunable White Tape Light

Lumaris RGB + Tunable White Tape Light combines vibrant, saturated colors while maintaining high-quality tunable white light into a single LED tape. This 5-channel LED tape solution encompasses Lutron’s broad color palette as well as a wide color temperature range of 1800 K-4000 K.



Specifications

Features

- Input: 24 V_{DC}
- Full RGB color control
- CCT: 1800 K - 4000 K
- Cuttable section: 4 in (101.6 mm)
- 22 AWG (0.50 mm²) wires pre-soldered to the beginning of the reel
- Power consumption: 2.93 W/ft
- Lumen output: 200 lm/ft (typical, white only)
- Luminous efficacy: 100 lm/W (typical, white only)
- CRI: 90+
- IP rating: IP20 indoor dry/damp location
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
- Rated life: L70 – 50,000 hours
- Beam angle: 120°
- Backing: Strong VHB adhesive

Regulatory Approvals

- cULus Listed for USA and Canada
 - Indoor damp/dry location rated
 - Wardrobe closet rated
- FCC Part 15 Class B compliant
- ICES-005 compliant
- California Title 24 as detailed in Reference Joint Appendix JA8 for High Luminous Efficacy Light Sources

Warranty

- For warranty information, please visit <https://lutron.com/a/documents/043492.pdf>
- Product warranty will not cover issues caused by use with non-Lutron LED tape devices

Model Numbers

Model Number	Description	Reel Length
LU-T05-RT-IN	RGB + Tunable White LED Tape	16.4 ft (5 m)
LU-T30-RT-IN	(RGB, 1800 K – 4000 K)	98.4 ft (30 m)

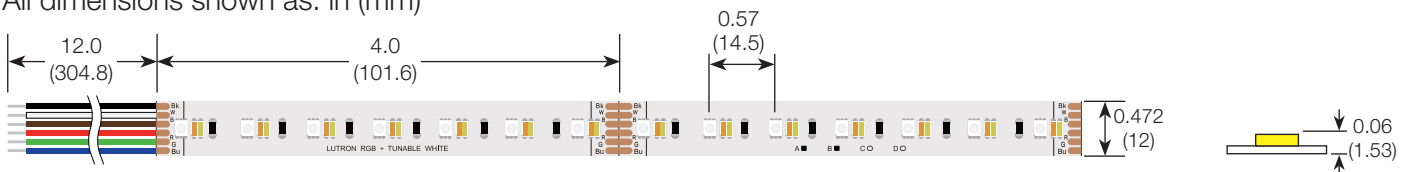
Compatible Devices and Hardware

Wireless Controller	Power Devices	Wiring Hardware		Extrusions
xxL-MWCL-WH Multi-channel wireless controller	Please see the Tape Light Solution Spec Submittal (P/N 3691301) at www.lutron.com	LU-CK1-6W 6-pin wire/tape connectors (qty. 10)	LU-WK1-6W 6 x 22 AWG (0.50 mm ²) cable – 50 ft (15.2 m)	SR1, SR2, SR3*, 45S, 45T, RR1*, MI1

* SR3 and RR1 extrusions do not fit the 6-pin wire/tape connectors. Connections inside the SR3 and RR1 extrusions must be through the reel’s pre-soldered wire.
Note: LU-CK1-6W **MUST** be used to connect the wire to the cut tape segments. Use LU-WK1-6W to guarantee proper electrical connection with LU-CK1-6W.

Dimensions

All dimensions shown as: in (mm)



CAUTION: Overheating Risk. May result in moderate injury or product damage. Do not power the LED tape while coiled, on a spool, or directly to 120 V_{AC} power. Unroll or install before applying power.

The Lutron logo, Lutron, and Lumaris are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries.

All product names, logos, and brands are property of their respective owners.