LUMARIS TAPE LIGHT SOLUTIONS

For RadioRA 3 and HomeWorks Systems

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Lumaris Tape Light Solutions

Simplified Installation

Just three components are needed to add tunable white/RGB + tunable white accent lighting in popular applications such as under cabinet, cove, vanity, and more.

1 | Combination driver-controller
eliminates the need to cut the wall for a switchbox and pull wire to a separate driver. It guarantees flicker-free dimming down to 0.1%.

2 | Tape light
comes in 16.4 ft (5 m) and 98.4 ft (30 m) reels and is field-cuttable.

3 | Low-voltage power options
to fit your project needs.

Note: Plug-in power supply only available for the tunable white tape light solution.

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Lumaris Tape Light Solutions

Streamlined Programming

Elevate scene control by adding dynamic or tunable white light with the Lutron app. This solution is purpose-built for RadioRA 3 and HomeWorks QSX systems – no additional gear or programming is necessary.

Flexible Solution

Wireless communication through Lutron's ultra-reliable Clear Connect Type X technology makes the Lumaris solution ideal for remodels and new construction.

Each driver is individually addressable, allowing for easy reconfiguration of lighting zones using the Lutron app—with no rewiring needed.
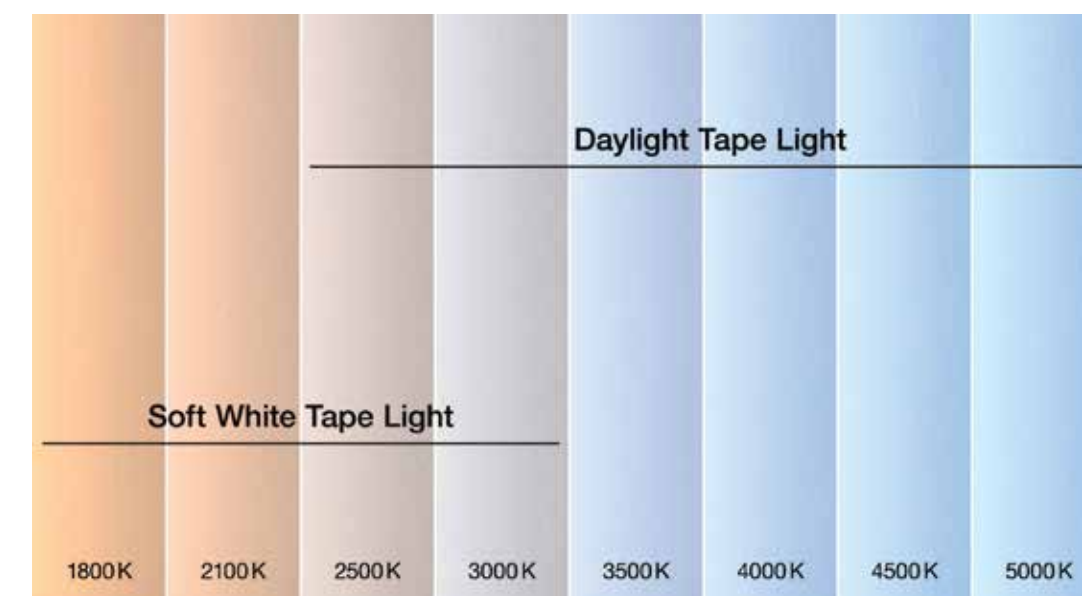
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2500K

4000K

Lumaris Tunable White Tape Light

Wow Factor

With the Lumaris tunable white tape light, smart home professionals can take their projects to the next level by adding color temperature to lighting scenes and schedules.

Choose the tape with your desired temperature range—Soft White (1800K–3000K) or Daylight (2500K–5000K). Adjust color temperature using a keypad preset, set the tape to shift automatically throughout the day (Day/Night mode in RadioRA 3 or Natural Show in HomeWorks), and/or layer in warm dim.

The Lumaris tape light solution also provides the highest quality dimming performance with guaranteed flicker-free dimming down to 0.1%.
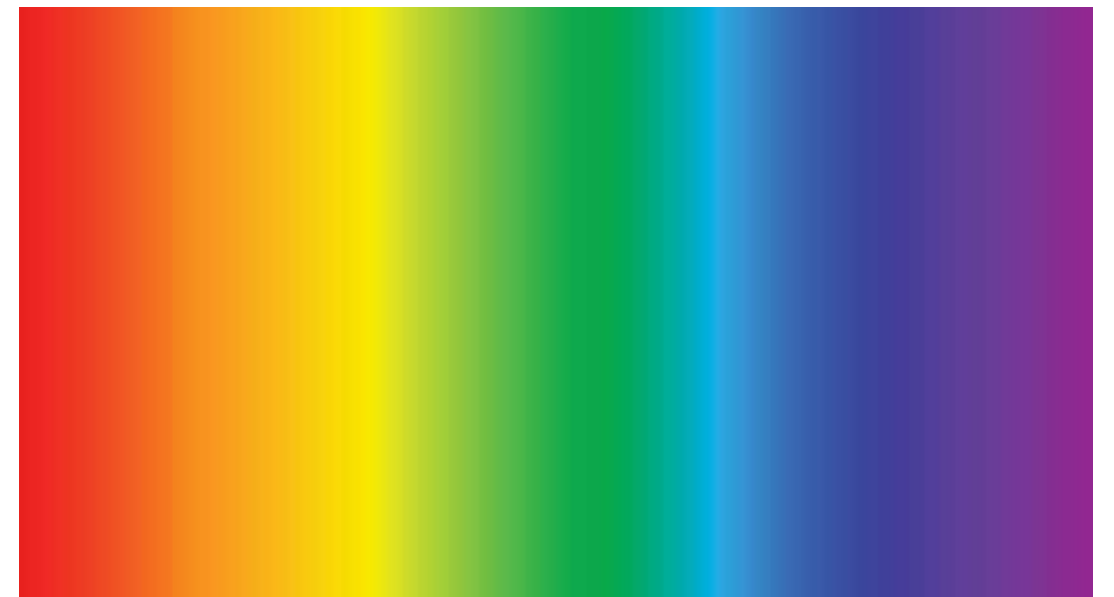

Daylight Tape Light

Soft White Tape Light

| 1800K | 2100K | 2500K | 3000K | 3500K | 4000K | 4500K | 5000K |

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Lumaris RGB + Tunable White Tape Light

Elevate with Color

Take the wow factor to the next level with the Lumaris RGB + tunable white tape light. This tape light offers clients an expression of color while maintaining high-quality white light with a color temperature range of 1800K-4000K.

Enhance any room with elegant accent lighting or create an entirely new ambiance using vibrant colors, all easily controlled through a simple scene selection or the color selector on the Lutron app.

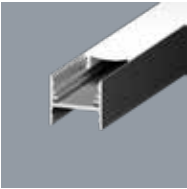| Red | Orange | Yellow | Green | Blue | Indigo | Violet |

Tunable White (1800K-4000K)

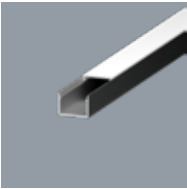# Lutron LED Tape Extrusions

Project Completer

LED tape extrusions, also known as channels, offer a professional and durable method for installing LED tape lights in a rigid housing. The accompanying diffusion lens reduces the visibility of diodes and enhances the visual experience. The extrusions have been verified for fit compatibility with all Lumaris tape light models.

NOTE: SR3 and RR1 extrusions do not fit the 6-pin wire/tape connectors. Connections inside the SR3 and RR1 extrusions must be through soldered wire.
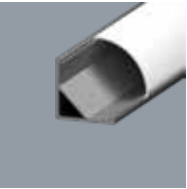

SR1
Luxury diffusion with hidden mounting
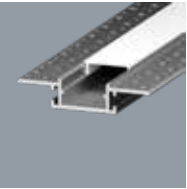
SR2
Classic rectangular surface-mount
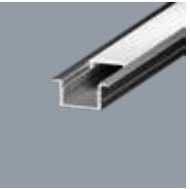
SR3
Thin, low profile surface-mount

45S
Classic 45° angled surface-mount

45T
Large 45° with premium diffusion

MI1
Mount into drywall for a flush light beam

RR1
Recessed mount with a clean finish

Without Extrusion

With Extrusion

Tunable White Solution Components

Starter kits include the following components:

- Tunable White Wireless Controller with Mounting Clip
- Tunable White Tape Light [16.4 ft (5 m)] – Soft White or Daylight
- Plug-in Power Supply
- (5) 3-Pin Wire/Tape Connector
- 3-Conductor Cable [10 ft (3 m)]
- (3) Wire Connectors

Mounting Clip for Controller

3-Pin Wire/Tape Connectors

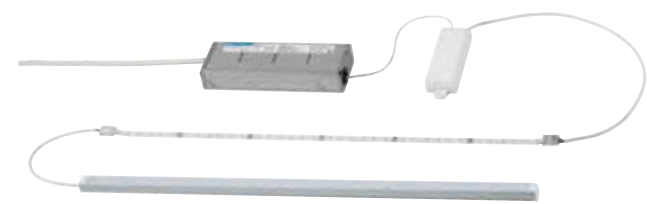Tunable White Wireless Controller

3-Conductor Cable

Tape Light – Soft White or Daylight

Plug-in Power Supply

Model Name	Model Number
RadioRA 3 Soft White (1800K-3000K) Tunable White Tape Light Starter Kit	RRL-TLK-SW
RadioRA 3 Daylight (2500K-5000K) Tunable White Tape Light Starter Kit	RRL-TLK-DL
RadioRA 3 Tunable White Wireless Controller with Plug-in Power Supply	RRL-TWC-WH
RadioRA 3 Tunable White Wireless Controller	RRL-TWCL-WH
HomeWorks QSX Soft White (1800K-3000K) Tunable White Tape Light Starter Kit	HWL-TLK-SW
HomeWorks QSX Daylight (2500K-5000K) Tunable White Tape Light Starter Kit	HWL-TLK-DL
HomeWorks QSX Tunable White Wireless Controller with Plug-in Power Supply	HWL-TWC-WH
HomeWorks QSX Tunable White Wireless Controller	HWL-TWCL-WH
16.4 ft (5 m) Soft White (1800K-3000K) Reel	LU-T05-SW
98.4 ft (30 m) Soft White (1800K-3000K) Reel	LU-T30-SW
16.4 ft (5 m) Daylight (2500K-5000K) Reel	LU-T05-DL
98.4 ft (30 m) Daylight (2500K-3000K) Reel	LU-T30-DL
Plug-in Power Supply (up to 16.4 ft of tape light and 1 wireless controller)	T120-24DC-15
Hard-Wired Power Interface with Barrel to Terminal Adapters (up to 49.2 ft of tunable white tape light and 3 wireless controllers)	LU-PH3-A
3-Pin Wire/Tape Connectors (10-pack)	LU-CK1-TW
Barrel to Terminal Adapters (3-pack)	LU-BP1
Mounting Clips for Tape Light (20-pack)	LU-MK1
50 ft (15.2 m) 3-Conductor Cable	LU-WK1-TW

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RGB + Tunable White Solution Components

Starter kits include the following components:

- Multi-Channel Wireless Controller
- (2) RGB + Tunable White Tape Light [16.4 ft (5 m)]
- Hard-Wired Power Interface with Flying Leads
- (4) 6-Pin Wire/Tape Connectors

- (2) 6-Conductor Cable [10 ft (3 m)]
- 2-Conductor Cable [4 ft (1.2 m)]
- (6) Wire Connectors
- Mounting Accessories for Controller - (2) Mounting Screws, (2) Strain Relief Clamp, (4) Strain Relief Clamp Screws

Mounting Accessories for Controller

6-Pin Wire/Tape Connectors

Wire Connectors

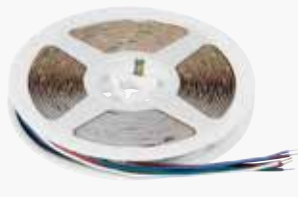Hard Wired Power Interface with Fiving Leads

Multi-Channel Wireless Controller

6-Conductor Cable

2-Conductor Cable

RGB + Tunable White (1800K-4000K) Tape Light Reels

Model Name	Model Number
RadioRA 3 RGB + Tunable White (1800K-4000K) Tape Light Starter Kit	RRL-MTK-RT-IN
RadioRA 3 Multi-Channel Wireless Controller	RRL-MWCL-WH
HomeWorks RGB + Tunable White (1800K-4000K) Tape Light Starter Kit	HWL-MTK-RT-IN
HomeWorks QSX Multi-Channel Wireless Controller	HWL-MWCL-WH
16.4 ft (5 m) RGB + Tunable White (1800K-4000K) Tape Light Reel	LU-T05-RT-IN
98.4 ft (30 m) RGB + Tunable White (1800K-4000K) Tape Light Reel	LU-T30-RT-IN
Hard-Wired Power Interface with Barrel to Terminal Adapters (up to 32.8 ft of RGB + tunable white tape light and 3 wireless controllers)	LU-PH3-A
Hard-Wired Power Interface with Flying Leads (up to 32.8 ft of RGB + tunable white tape light and 3 wireless controllers)	LU-PH3-B
6-Pin Wire/Tape Connectors (10-pack)	LU-CK1-6W
50 ft (15.2 m) 6-Conductor Cable	LU-WK1-6W

LED Tape Extrusion Options

Bundles include the following components:

- Aluminum Extrusion [8 ft (2.44 m)]
- Frosted Lens [8 ft (2.44 m)]
- Open End Caps (2)

- Closed End Caps (2)
- Mounting Clips (6)
- Mounting Screws (6)

Model Name	Model Number
SR1 LED Tape Extrusion Bundle	LU-SR1-K
SR2 LED Tape Extrusion Bundle	LU-SR2-K
SR3 LED Tape Extrusion Bundle	LU-SR3-K
45S LED Tape Extrusion Bundle	LU-45S-K
45T LED Tape Extrusion Bundle	LU-45T-K
RR1 LED Tape Extrusion Bundle	LU-RR1-K
MI1 LED Tape Extrusion Bundle	LU-MI1-K

Note: Accessories packs, including open and closed end caps, mounting clips, and mounting screws are available to order separately. Replace the -K in the Extrusion Bundle model number with -ACS to order.

Notes

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