



# Lumaris Lighting

Intelligent Lighting Starts with Lumaris





# The Lumaris Family

## Pro-grade native lighting for Lutron systems.

Design spaces to look and feel better with light that mimics the natural color of daylight, offers a broad range of color temperatures, and renders your home more fully and accurately. Lumaris is a difference you can feel.

Part of Lutron's portfolio of Intelligent Lighting, Lumaris has been designed from the start to work with our most advanced wireless control systems, which:

- Guarantees compatibility between light source and control to simplify specification
- Eliminates control-wiring to save time (and labor) on installation
- Allows installers to use existing infrastructure, making Lumaris ideal for remodels and retrofits
- Leverages the intelligence of Lutron's control systems to make lighting control straightforward and intuitive

With seamless compatibility, wireless convenience, and adaptable installation, Lumaris delivers a quality of light without the traditional complications. Intelligent Lighting starts with Lumaris.



Explore  
Lumaris





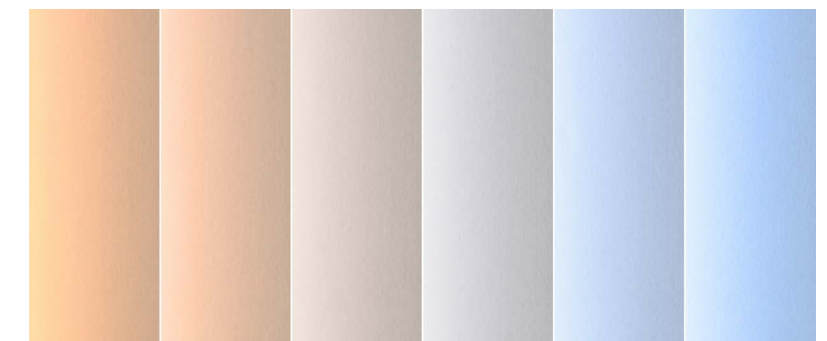
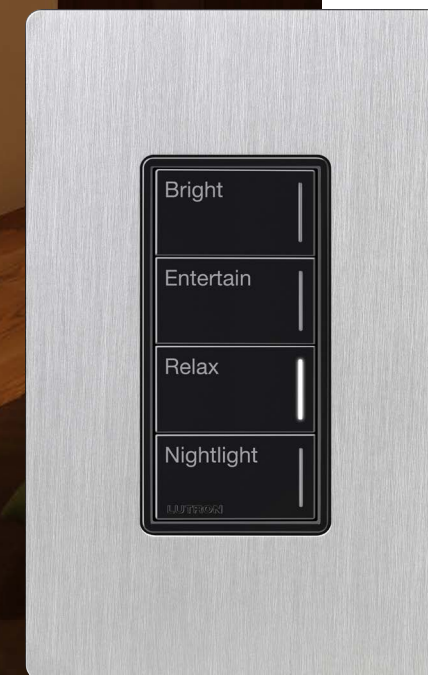
# Superior Quality of Light

## Tunable white & warm dim in one.

The familiarity of incandescent dimming coupled with precise, independent adjustment over both intensity and color temperature — all from one light source.

Most LEDs are limited to a single color, usually either 2700K or 3000K. The sun, meanwhile, changes color temperature throughout the day — warmer (more red/yellow) at sunrise/sunset and cooler (more blue) at midday. That's why most LEDs can feel unnatural.

All Lumaris lighting delivers a broad range of tunable white light (1800K–4000K), with flicker-free dimming down to 0.1%. That means smooth, seamless transitions from soft, warm tones to crisp, cool daylight at nearly any brightness level. And interior colors appear more full and accurate with a 90+ CRI.



1800K    2100K    2500K    3000K    3500K    4000K





# Streamlined by Design

## Fewer parts. Reduced complexity.

Engineered for simplified setup with Lutron's most advanced wireless control systems, such as RadioRA 3, Lumaris lighting installs with no additional programming or third-party equipment required.



## Remodel or retrofit.

### Experience Wireless Freedom

Eliminate low-voltage control wire with our proven Clear Connect Type X technology to simplify installation.

### Leverage Existing Infrastructure

Connect Lumaris to a power source, then add the light to a Lutron system — startup is as basic as adding a Lutron dimmer.

### Ensure Future-Proof Design

Individually addressable fixtures allow for rezoning and reprogramming over time without requiring additional construction.





# Crafted to be Cost-Effective

## All-in-one — light source, driver & control.

The true cost of lighting extends far beyond the price of the fixture. While conventional systems demand multiple components, extensive wiring, and (oftentimes) construction, Lumaris simplifies the start-up process by combining the fixture, driver, control wiring, and dimmer into one intelligent luminaire.

This streamlined approach eliminates the labor and expense associated with low-voltage wiring, speeding up installation and simplifying maintenance — to deliver substantial savings for both initial installation and long-term maintenance.

### Intelligent Lighting



Lumaris Tunable White Downlight

### Typical Lighting System



Downlight



Dimmer



Driver





# Empowered by Intelligence

The way forward is wireless.

Whereas most lighting degrades over time, Lumaris lighting grows more capable.

Since Intelligent Lighting is designed from the start to work with Lutron's cloud-connected control systems, devices gain features and functionality through over-the-air updates across their entire lifespan — which translates to a better experience up front and a better investment over time.

And should something go wrong, that same cloud connection empowers service professionals with the tools to troubleshoot systems and devices from nearly any internet-connected device in the world.





# Two Complementary Form Factors

Tape and downlights — made to work together.

Lumaris tape lights and downlights combine to create complete lighting experiences.

Downlights cast general illumination for everyday tasks and improved visibility.

Tape lights layer subtle light to accent architectural details and create ambiance throughout the space.

Together, they create focus and balance, transforming environments into more comfortable, visually dynamic spaces.

And since all Lumaris products share consistent specifications, you can expect reliable, professional-grade lighting performance across your entire project.





# Lumaris Tunable White Downlights

## Precision lighting. Personal control.

The Lumaris downlight family offers multiple installation options to suit unique project requirements, combining superior lighting quality with flexible design choices.

Select from two common sizes — a 4" for a quieter ceiling, or a wider 5"/6" for larger can sizes — to achieve the right light for each space.

And select from either a retrofit option that installs directly into existing recessed housings or a canless design for precise placement in new construction or renovation projects.

All Lumaris downlights maintain the same exceptional light quality, tunable white capabilities, and seamless integration with Lutron control systems.



Explore  
Lumaris  
Downlights

# Simple Retrofit Installation

Intelligent Light for in-can installations.

Update existing recessed housings with Intelligent Light. Lumaris downlights install directly into standard 4" or 5"/6" cans without special tools, modifications, or rewiring, delivering tunable white and warm dim technology with minimal effort and maximum impact.



# Adaptable Remodel Design

Intelligent Light for new construction and remodels.

Lumaris remodel downlights allow for precision placement of Intelligent Light where your design demands. Perfect for both renovation and new construction projects, Lumaris remodel downlights deliver 800 lumens of ambient illumination, 90+ CRI, and a choice of 4" or 5"/6" sizes in white or black finishes.





# Two Common Sizes

4" and 5" / 6" aperture with uniform trim finishes.

Add tunable light to underlit spaces without sacrificing design or requiring ceiling modifications. Both retrofit and remodel Lumaris downlights come in common 4" and 5" / 6" apertures, making it easy to mix installation types while maintaining visual consistency across your ceiling.



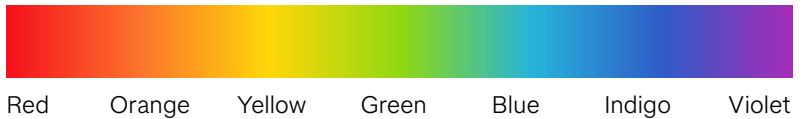


# Lumaris RGB + Tunable White Tape Light

## Paint and play with saturated color.

Lumaris RGB + tunable white tape light offers clients an expression of color alongside high-quality white light from 1800K–4000K in a single solution.

Develop accent lighting schemes or transform spaces with color using Lutron's intuitive scene selection or app-based color controls.



## A broad spectrum of color temperatures.

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.

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%.



Tunable White (1800K–4000K)



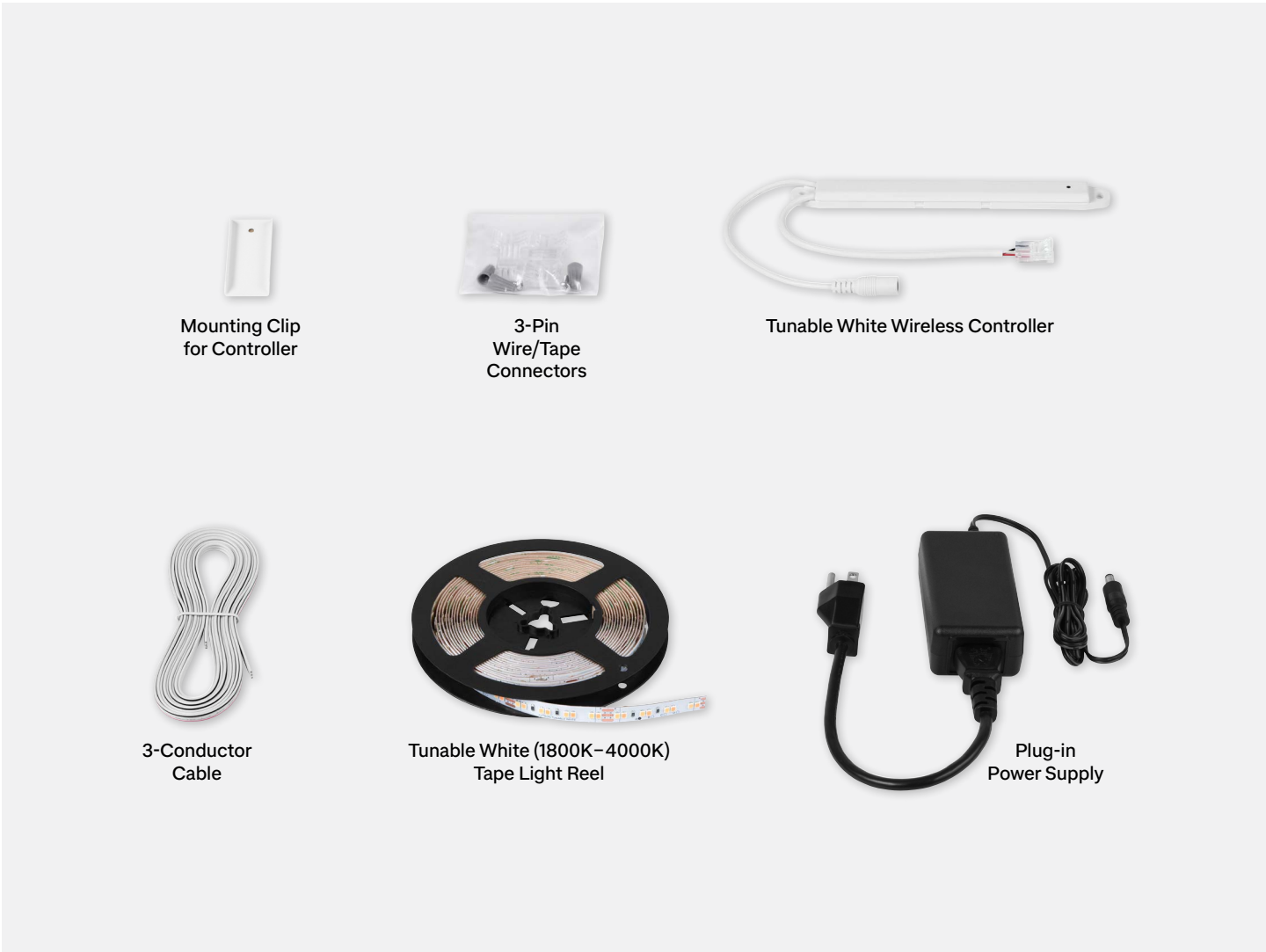
Explore  
Lumaris Tape  
Lights



# Tunable White Tape Components

Starter kits include the following components:

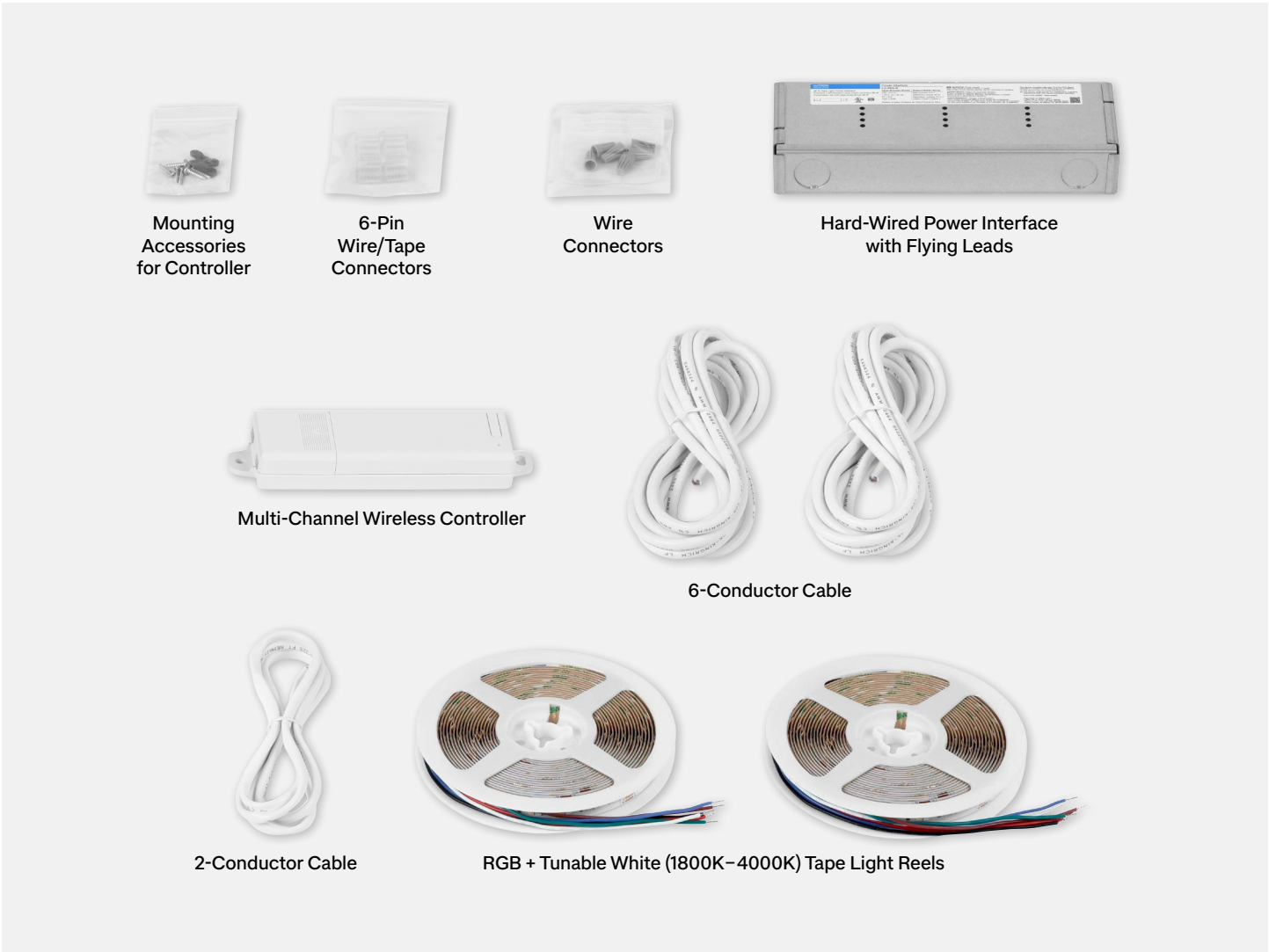
- Tunable White Wireless Controller with Mounting Clip
- Tunable White Tape Light [16.4 ft (5 m)]
- Plug-in Power Supply
- 3-Pin Wire/Tape Connector (5)
- 3-Conductor Cable [10 ft (3 m)]
- Wire Connectors (3)



# RGB + Tunable White Tape Components

Starter kits include the following components:

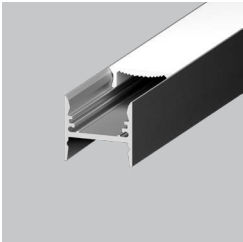
- Multi-Channel Wireless Controller
- RGB + Tunable White Tape Light [16.4 ft (5 m)] (2)
- Hard-Wired Power Interface with Flying Leads
- 6-Pin Wire/Tape Connectors (4)
- 6-Conductor Cable [10 ft (3 m)] (2)
- 2-Conductor Cable [4 ft (1.2 m)]
- Wire Connectors (6)
- Mounting Accessories for Controller — Mounting Screws (2), Strain Relief Clamp (2), Strain Relief Clamp Screws (4)



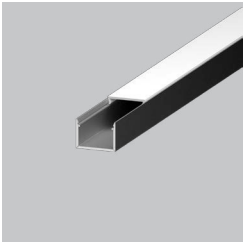
# LED Tape Extrusions

## 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.



**SR1**  
Luxury diffusion with hidden mounting



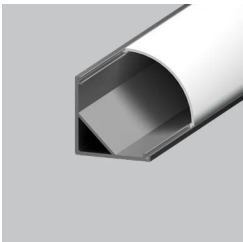
**SR2**  
Classic rectangular surface-mount



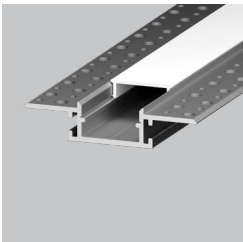
**SR3**  
Thin, low profile surface-mount



**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

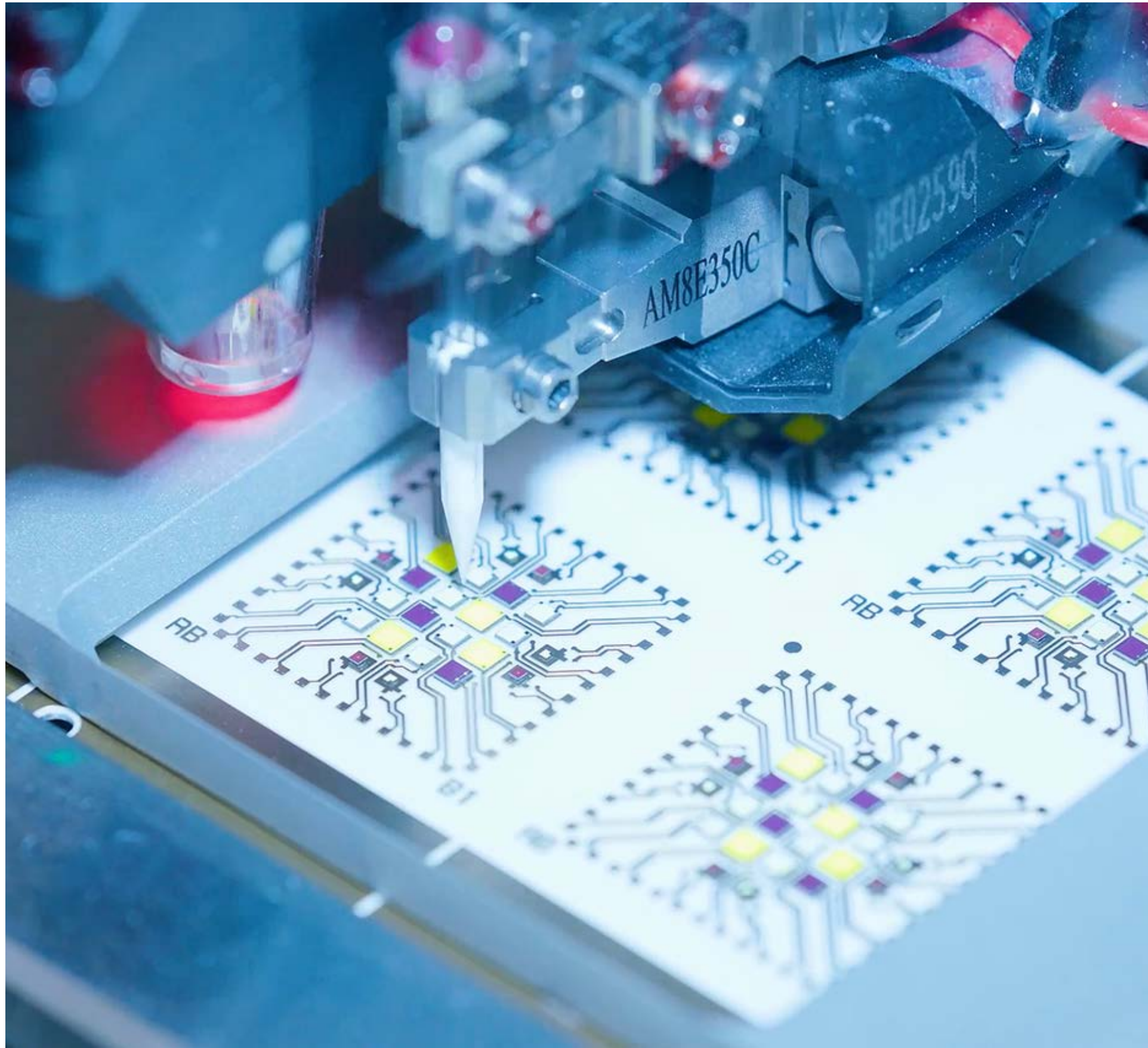
## Bundles include the following components:

- Aluminum Extrusions [8 ft (2.44 m)]
- Closed End Caps (2)
- Frosted Lens [8 ft (2.44 m)]
- Mounting Clips (6)
- Open End Caps (2)
- Mounting Screws (6)

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.







# Lutron Reliable

Designed to Inspire, Built to Last.

For Lutron, our products represent a promise to our customers — a promise of quality, innovation, and constant support. Our dedication to these principles extends beyond the manufacturing floor into the everyday life where our products are designed to operate.

Every switch. Every dimmer. Every shade. Every luminaire.

# Tunable White Tape Components

Model Name	Model Number
RadioRA 3 (1800K–4000K) Tunable White Tape Light Starter Kit	RRL-TLK-TW-IN
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 (1800K–4000K) Tunable White Tape Light Starter Kit	HWL-TLK-TW-IN
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 (5m) Tunable White (1800K–4000K) Reel	LU-T05-TW-IN
98.4ft (30m) Tunable White (1800K–4000K) Reel	LU-T30-TW-IN
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

# RGB + Tunable White Solution Components

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

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.

# Lumaris Tunable White Recessed Downlights

Model Name	Model Numbers:	HomeWorks QSX	RadioRA 3
4" Retrofit Recessed Downlight with White Trim		HWL-RD4WH-TW	RRL-RD4WH-TW
4" Retrofit Recessed Downlight with Black Trim		HWL-RD4BL-TW	RRL-RD4BL-TW
5"/6" Retrofit Recessed Downlight with White Trim		HWL-RD6WH-TW	RRL-RD6WH-TW
5"/6" Retrofit Recessed Downlight with Black Trim		HWL-RD6BL-TW	RRL-RD6BL-TW
4" Remodeler Recessed Downlight with White Trim		HWL-CD4WH-TW	RRL-CD4WH-TW
4" Remodeler Recessed Downlight with Black Trim		HWL-CD4BL-TW	RRL-CD4WBL-TW
6" Remodeler Recessed Downlight with White Trim		HWL-CD6WH-TW	RRL-CD6WH-TW
6" Remodeler Recessed Downlight with Black Trim		HWL-CD6BL-TW	RRL-CD6BL-TW



