

ChromaDim™

Tunable White & Dimming Lighting Control System

GMLighting®

2400K

5000K

What is ChromaDim™ ?

ChromaDim™ is a Tunable White & Dimming Lighting Control System. It's a simple and cost-effective solution for **GM Lighting's Tunable White LED Tape.** The ChromaDim system allows you to control color tuning and dimming via a single wall switch. Now with **WiFi LUX App:** Control remotely from your phone or from the wall plate. LUX Control has advanced programming features for iOS & Android.



**Download
the App!**





The **ChromaDim System** offers a complete set of control and luminaire options to **provide the best light** for many commercial or residential applications. Adjust the color temperature to **cooler, brighter levels for tasks** or set warmer CCTs at **lower light levels for a cozy, relaxing environment**.

ChromaDim™ Tunable White Control System

24
VOLT

DRY
LOCATION

90+
CRI

UL
US

WiFi

5Yr.
WARRANTY

Key Features

- Wall control fits Decor style wall plates
- Fits US standard single and multi-gang junction boxes
- WiFi App offers advanced control and preset CCT options
- CCT adjustment from 2400K to 5000K
- 120VAC wall switch with no battery required
- Simple installation and pairing to specific power supplies
- Flicker-free soft dimming and CCT adjustment
- Compliant to IEEE (PAR1789) and Title 24 flicker requirements
- Single wall switch can control multiple LED power supplies
- Works with GM's tunable white LED tape, downlights and pucks



LTR-S-TUN-SYS*



**Learn About ChromaDim's
Tunable and Dimmable
White Lighting System.
SEE THE VIDEO!**

ChromaDim System

Product No.	Description
LTR-S-TUN-SYS*	ChromaDim System: LTR-S-TUN-SW & LTR-S-TUN-24V-90W
LTR-S-TUN-SW	White ChromaDim WiFi Switch
LTR-S-TUN-24V-90W	ChromaDim 90W Power Supply
LTR-S-TUN-24V-200W	ChromaDim 200W (2x 96W) Power Supply

*Wall plate cover (by others) NOT included



LTR-S-TUN-24V-200W

Electrical Specifications

Device	Input Voltage	Max Input Current	Max Load	Max On One Switch
LTR-S-TUN-SW (Switch)	120Vac 60Hz	5.0A	600W	—
LTR-S-TUN-24V-90W (Power Supply)	120Vac 60Hz	0.9A	90W	6
LTR-S-TUN-24V-200W (Power Supply)	120Vac 60Hz	1.7A	2x 96W	3

LTR-S

Tunable White LED Tape

The **LTR-S-TUN-24V Tunable White LED Tape** enables light to be 'fine tuned' over a spectrum of white color temperatures, therefore, **allowing subtle to stark ambient changes** to match the mood, the event, or the subject illuminated. Our Tunable White LED Tape **can be adjusted from 2400K to 5000K**.

24
VOLT

DRY
LOCATION

90+
CRI

CLASS
2

IP
20

TITLE
24-JAB

FIELD
CUTTABLE

ETL
Intertek

5Yr
WARRANTY

Key Features

- 1.5W/ft to 5W/ft
- Premium diodes
- 120 LEDs/meter (36LEDs/ft)
- Controlled by LUXcontrol or ChromaDim
- Dimmable
- Cuttable every 2in
- 120° viewing angle
- 3M adhesive back
- Custom lengths available (consult factory)

24 Volt 1.5 Watts/ft

Product No.	Length	Lumens/ft	Color Temp
LTR-S-TUN-24V-1.5W-16	16'-4" / 5M	162lm (3500K)	2400K-5000K
LTR-S-TUN-24V-1.5W-100	98'-6" / 30M	162lm (3500K)	2400K-5000K
LTR-S-TUN-24V-1.5W-FT	CUSTOM	162lm (3500K)	2400K-5000K

Max Run: 32'-8"

24 Volt 3.0 Watts/ft

Product No.	Length	Lumens/ft	Color Temp
LTR-S-TUN-24V-3.0W-16	16'-4" / 5M	267lm (3500K)	2400K-5000K
LTR-S-TUN-24V-3.0W-100	98'-6" / 30M	267lm (3500K)	2400K-5000K
LTR-S-TUN-24V-3.0W-FT	CUSTOM	267lm (3500K)	2400K-5000K

Max Run: 32'-8"

24 Volt 5.0 Watts/ft*

Product No.	Length	Lumens/ft	Color Temp
LTR-S-TUN-24V-5.0W-16	16'-4" / 5M	415lm (3500K)	2400K-5000K
LTR-S-TUN-24V-5.0W-100	98'-6" / 30M	415lm (3500K)	2400K-5000K
LTR-S-TUN-24V-5.0W-FT	CUSTOM	415lm (3500K)	2400K-5000K

Max Run: 16'-4"

*NOTE: For proper thermal management, use the 5W tape in a channel.

Use the LUX App to Control All of Your ChromaDim Products from GM Lighting!



Connectors

Product No.	Description
LTR-S-TUN-SP	Splice Connector
LTR-S-TUN-TPC60	60" Adjustable Tape-to-Power
LTR-S-TUN-TTC3	3" Adjustable Tape-to-Tape
LTR-S-TUN-TTC12	12" Adjustable Tape-to-Tape
LTR-S-TUN-TTC24	24" Adjustable Tape-to-Tape
LTR-S-TUN-TTC36	36" Adjustable Tape-to-Tape
LTR-S-TUN-TTC60	60" Adjustable Tape-to-Tape

Connectors ordered separately. Go to gmlighting.net

Recommended Channels

LED-CHL-45, LED-CHL-45-1200, LED-CHL-W, LED-CHL-XD, LED-CHL-XD-F, LED-CHL-XD-MD, LED-CHL-XD-MD-B, LED-CHL-XD-MD-WH, LED-CHL-XD-MD-F, LED-CHL-MI-ST8, LED-CHL-MI-C8

Channels ordered separately. Go to gmlighting.net



ChromaDim Downlight

Tunable LED Recessed Downlight

24
VOLT



90+
C R I

TITLE
24-JA8



5Yr.
WARRANTY

Key Features

- Available in 10W (4 inch) and 15W (6 inch)
- Dimmable
- 100° beam angle
- Built-in J Box for easy installation
- Suitable for indoor, wet locations

The **ChromaDim downlight is an easy to install recessed mount luminaire** with regressed baffle and an integral junction box. These downlights feature superior optics and Energy Star rating in a **streamlined, shallow mount design.**



Downlights

Product No.	Size	Wattage	Lumens	Color Temp
CHDL-4-WH	4"	10W	600lm	2400K-5000K
CHDL-6-WH	6"	15W	1000lm	2400K-5000K

Accessories

Product No.	Description
CHDL-EXT5	5' Quick Connect Cord
CHDL-EXT10	10' Quick Connect Cord
CHDL-EXT20	20' Quick Connect Cord
CHDL-EXTPF20	20' Quick Connect Power Feed
CHDL-UNV-NCP	New Construction Plate

**Hard Wire or Quick
Connect for Easy
Installation!**



ChromaDim Puck Light

Tunable LED Surface or Recess Mount

24
VOLT



90+
C R I



5Yr.
WARRANTY

Key Features

- 3.0W
- Dimmable
- 112° beam angle
- White, black, bronze, brushed nickel
- Can be surface or recess mounted



Puck Lights 3.0W

Product No.	Color	Lumens	Color Temp
CHPL-B	Black	225lm (3500K)	2400K-5000K
CHPL-BN	Brushed Nickel	225lm (3500K)	2400K-5000K
CHPL-BZ	Bronze	225lm (3500K)	2400K-5000K
CHPL-WH	White	225lm (3500K)	2400K-5000K

Surface or recess mount 24VDC, 3W **high power tunable LED puck** that is available in four finishes. All high grade aluminum for **superior heat dissipation.** Frosted lens delivers even light distribution.



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GM-CHROM-SUPP

Introducing ChromaDim™ ...

Why TUNABLE White Light?

More and more architects and lighting designers are understanding the benefits of lighting for our health and well-being. Studies show that **lighting has a major influence on our mood and productivity.** With Tunable White LED lighting, you can adjust the color temperature from **warm-white to cool-white to enhance the ambiance**, simulate daylight, support the sleep / wake cycle or make spaces more inviting. **The color temperature and brightness can be tailored according to your needs or mood.**