LTR-P Professional Series

Wet Location, 24VDC 1.5W / 3.0W / 5.8W LED Tape Specification Sheet

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Project Name	Type
Catalog #	Date

PRODUCT OVERVIEW

GM's Professional Outdoor Series Flexible LED Tape combines style and technology with reliability for wet location. Designed for professional installations that demand a high level of quality, the LTR-P Series boasts a wide array of key features and is available in 16'-4" (5M), 98'-6" (30M) reels or custom cuts. Do not submerge in water.

FEATURES

- 24VDC
- 2400K, 2700K, 3000K, 3500K, 4000K and 5000K as well as Amber, Red, Green, Blue color temps
- Remote control with GM's LUXcontrol™ App and controllers (requires NEMA box - by others)
- LM80 / IP65
- 120 LEDs per meter
- Cuttable every 2"
- Wet location
- Optical clear UV protected silicone sheath
- Premium diodes
- 120° viewing angle
- Dimmable
- Maximum run on a given lead is 60' (1.5W), 32'-8" (3.0W), 16'-4" (5.8W)



Install Sheet

SPECIFICATIONS

ELECTRICAL

- 24V
- 1.5W, 3W and 5.8 watts per foot

OPTICS

- 90+ CRI

OPERATING TEMP

- -4°F to 122°F
- For proper thermal management, we recommend to mount this product in a channel

CERTIFICATION

- UL
- May comply with Title 24 with select power supplies
- Class 2
- Closet Rated. Compliant with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5), excluding colors -AM, -BL, -RD, -GR and LTR-P-WP-24V-1.5W

WARRANTY

- 5-year warranty when paired with GM power supply

Note: Do not install in an application that is not easily accessed for service. Our warranty covers product only and does not cover any labor or incidental charges related to service or warranty.

ORDERING INFORMATION

Example: LTR-P-WP-24V-3W-24K-16

Model	-	Series	-	Location		Voltage	-	Wattage	-	Color Temp	-	Reel Length
LTR		P		WP		24V		1.5W		24K		16
										27K		
								3W		30K		100
										35K		
								5.8W		40K		*FT
										50K		
LTR		P		WP		24V		1.5W		AM		*FT
										RD		
										GR		100
										BL		

Reel Length: 16 = 16'-4"; 100=98'-6"
* Custom cuts available, consult factory

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Catalog No.	Length	Lumens	CRI	Color Temp.	Max. Run
LTR-P-WP-24V-1.5W-24K-16 /-100 /-FT	16'-4" / 5M or, 98'-6" / 30M or, CUSTOM CUT FEET-INCHES (CUTS MADE IN 2" INCREMENTS)	100	90+	2400K	60'
LTR-P-WP-24V-1.5W-27K-16 /-100 /-FT		105	90+	2700K	60'
LTR-P-WP-24V-1.5W-30K-16 /-100 /-FT		105	90+	3000K	60'
LTR-P-WP-24V-1.5W-35K-16 /-100 /-FT		110	90+	3500K	60'
LTR-P-WP-24V-1.5W-40K-16 /-100 /-FT		123	90+	4000K	60'
LTR-P-WP-24V-1.5W-50K-16 /-100 /-FT		119	90+	5000K	60'
LTR-P-WP-24V-1.5W-AM-100 / -FT	98'-6" / 30M or, CUSTOM CUT FEET-INCHES (CUTS MADE IN 2" INCREMENTS)	N/A	N/A	Amber	60'
LTR-P-WP-24V-1.5W-RD-100 / -FT		N/A	N/A	Red	60'
LTR-P-WP-24V-1.5W-GR-100 / -FT		N/A	N/A	Green	60'
LTR-P-WP-24V-1.5W-BL-100 / -FT		N/A	N/A	Blue	60'
LTR-P-WP-24V-3.0W-24K-16 /-100 /-FT	16'-4" / 5M or, 98'-6" / 30M or, CUSTOM CUT FEET-INCHES (CUTS MADE IN 2" INCREMENTS)	204	90+	2400K	32'-8"
LTR-P-WP-24V-3.0W-27K-16 /-100 /-FT		206	90+	2700K	32'-8"
LTR-P-WP-24V-3.0W-30K-16 /-100 /-FT		217	90+	3000K	32'-8"
LTR-P-WP-24V-3.0W-35K-16 /-100 /-FT		219	90+	3500K	32'-8"
LTR-P-WP-24V-3.0W-40K-16 /-100 /-FT		241	90+	4000K	32'-8"
LTR-P-WP-24V-3.0W-50K-16 /-100 /-FT		255	90+	5000K	32'-8"
LTR-P-WP-24V-5.8W-24K-16 /-100 /-FT	16'-4" / 5M or, 98'-6" / 30M or, CUSTOM CUT FEET-INCHES (CUTS MADE IN 2" INCREMENTS)	355	90+	2400K	16'-4"
LTR-P-WP-24V-5.8W-27K-16 /-100 /-FT		361	90+	2700K	16'-4"
LTR-P-WP-24V-5.8W-30K-16 /-100 /-FT		388	90+	3000K	16'-4"
LTR-P-WP-24V-5.8W-35K-16 /-100 /-FT		415	90+	3500K	16'-4"
LTR-P-WP-24V-5.8W-40K-16 /-100 /-FT		444	90+	4000K	16'-4"
LTR-P-WP-24V-5.8W-50K-16 /-100 /-FT		475	90+	5000K	16'-4"

Includes (20) silicon mounting clips and screws, (2) silicon end caps.
Kelvin temperature (color) ±100K.

DO NOT SUBMERGE DIRECTLY IN WATER.
WE RECOMMEND A 25% TO 80% LOAD FOR OPTIMAL PERFORMANCE.
SEE WEBSITE FOR COMPLETE LIST OF POWER SUPPLIES AND COMPATIBLE DIMMERS.

ACCESSORIES

Model	Description
LTR-P-WP-TPC-12	Tape to power supply wet location connector
LTR-P-WP-TTC-3	3" tape to tape wet location connector
LTR-P-WP-TTC-6	6" tape to tape wet location connector
LTR-P-WP-TTC-12	12" tape to tape wet location connector
LTR-P-WP-TTC-24	24" tape to tape wet location connector
LTR-P-WP-EC	End cap for wet location tape

Your LED Tape Specification Checklist:

1. Select Tape
2. Select Connectors
3. Select Channels
4. Select Controllers
5. Select Power Supplies

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COMPATIBLE CONTROLLERS

Model	Description
SHWC	LUXcontrol Smart 2.4 GHz WiFi Controller, Standard 12V/24V Low Voltage
SHWD	LUXcontrol Smart 2.4 GHz WiFi Dimmer, Standard 12V/24V Low Voltage
SWDD60W24V	SwitchLD All-in-One Dimmer and Driver, 60W, 24VDC
SWDD96W24V	SwitchLD All-in-One Dimmer and Driver, 96W, 24VDC
HC-RF-UNV-5CH	Universal 1-5 Channel RF Remote Control
CM-RF-UNV-5CH	Universal 1-5 Channel Control Module
RPT-UNV-5CH	Universal 1-5 Channel Repeater Amplifier

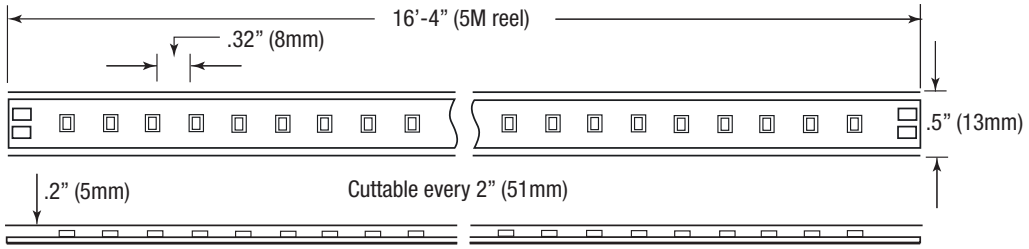
Note: For wet location applications, use NEMA box (by others)

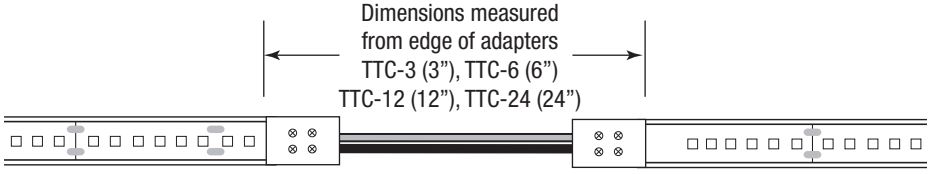
RECOMMENDED DRIVERS

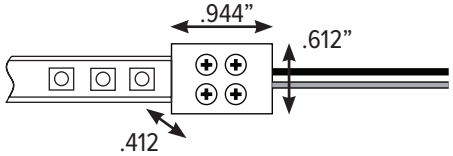
Catalog No.	Description	Watts	Specification Sheet
LD-XD-UNV	LineDrive Electronic Multi-Dimmable Power Supply, 12VDC/24VDC	20W, 40W, 60W, 96W, 180W, 200W, 300W	View Spec Sheet
LD-MD-UNV	LineDrive Magnetic Dimmable Power Supply, 12VDC/24VDC	30W, 60W, 96W, 150W, 200W, 300W	View Spec Sheet
LD-EDM	LineDrive Electronic Dimmable MINI Power Supply, 12VDC/24VDC	60W	View Spec Sheet
LTP	Cord and Plug Power Supply, 12VDC/24VDC	25W, 48W, 60W, 90W	View Spec Sheet
PSD	Electronic Dimmable Power Supply, 12VDC/24VDC	15W, 24W, 60W, 90W	View Spec Sheet

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

DIMENSION









LTR-P-WP
Wet Location
Connector

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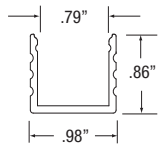
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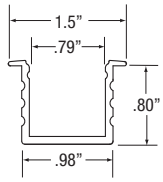
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COMPATIBLE CHANNELS - FIT CONNECTORS ON PG. 2

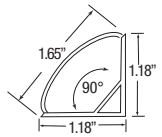
EXTRA DEEP

Catalog No.	Description	Length	Dimensions
LED-CHL-XD	Extra deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4’	
LED-CHL-XD-6	Extra deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	6’	
LED-CHL-XD-AMC	(2) Adjustable mounting brackets for LED-CHL-XD	N/A	
LED-CHL-XD-EC	(2) End caps for LED-CHL-XD. One solid, one with hole.	N/A	
LED-CHL-XD-MC	(2) Mounting clips and screws for LED-CHL-XD	N/A	

EXTRA DEEP FLANGED

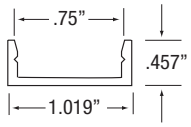
LED-CHL-XD-F	Extra deep format extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	4’	
LED-CHL-XD-F-6	Extra deep format extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	6’	
LED-CHL-XD-F-DC	(2) Drywall mounting brackets for LED-CHL-XD-F	N/A	
LED-CHL-XD-F-EC	(2) End caps for LED-CHL-XD-F. One solid, one with hole.	N/A	

45° LARGE ANGLE MOUNT

LED-CHL-45-1200	Extruded angled (45°) channel. Includes snap-on frosted lens with mounting clips and screws.	4’	
LED-CHL-45-1200-EC	(2) End caps for LED-CHL-45 - one solid, one with hole	N/A	
LED-CHL-45-1200-MC	(2) Additional mounting clips for LED-CHL-45-1200	N/A	

COMPATIBLE CHANNELS - SOLDERED LEADS ONLY

WIDE

LED-CHL-W	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4’	
LED-CHL-W-6	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	6’	
LED-CHL-W-AMC	(2) Adjustable mounting brackets for LED-CHL-W	N/A	
LED-CHL-W-EC	(2) End caps for LED-CHL-W - one solid, one with hole.	N/A	
LED-CHL-W-MC	(2) Additional mounting clips for LED-CHL-W	N/A	

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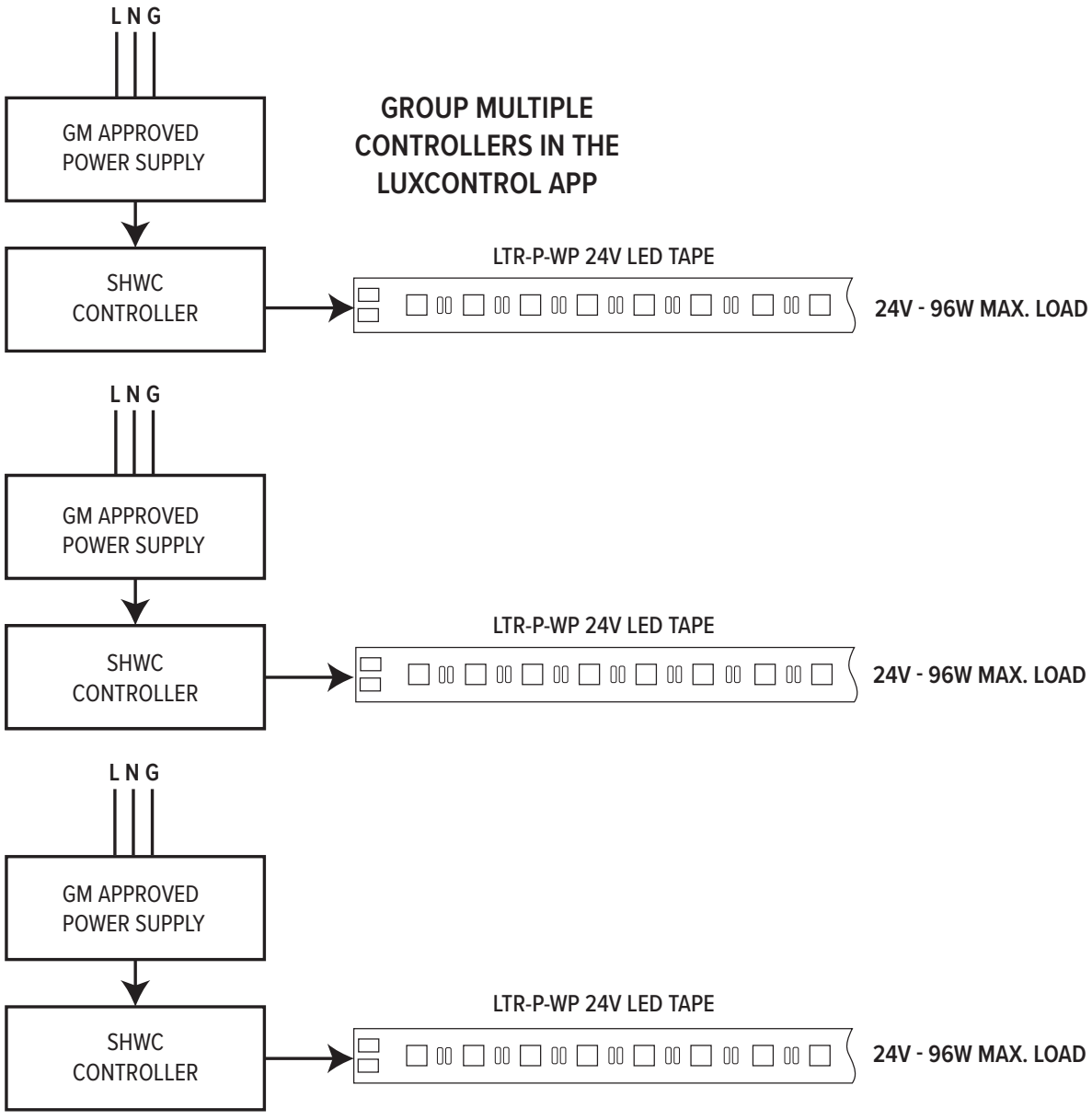
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SHWC LUXCONTROL WIFI CONTROLLER

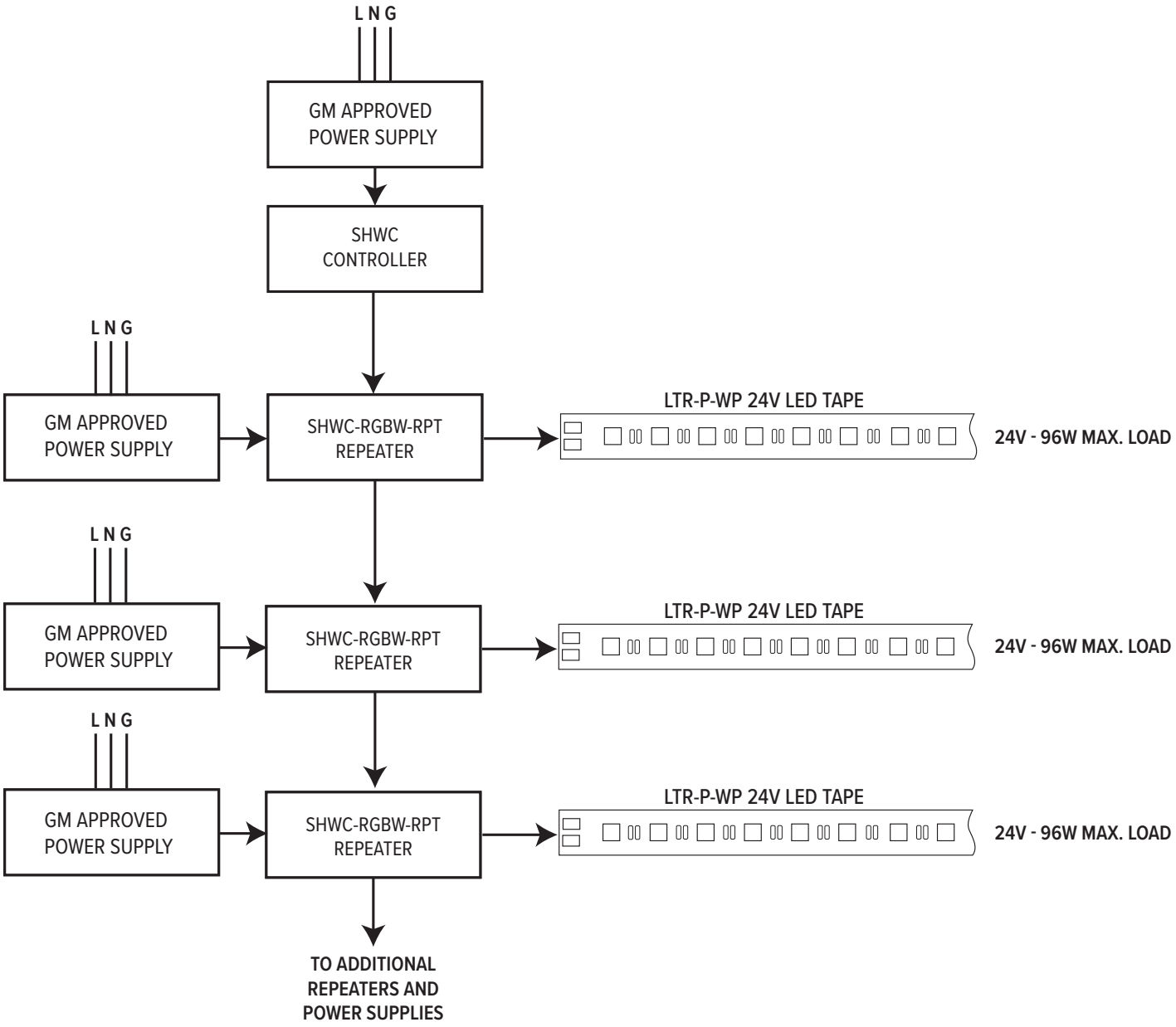
NOTE: Power supply **MUST NOT BE DIMMED** at the input to properly power the controls.



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SHWC LUXCONTROL WIFI CONTROLLER WITH POWER REPEATER

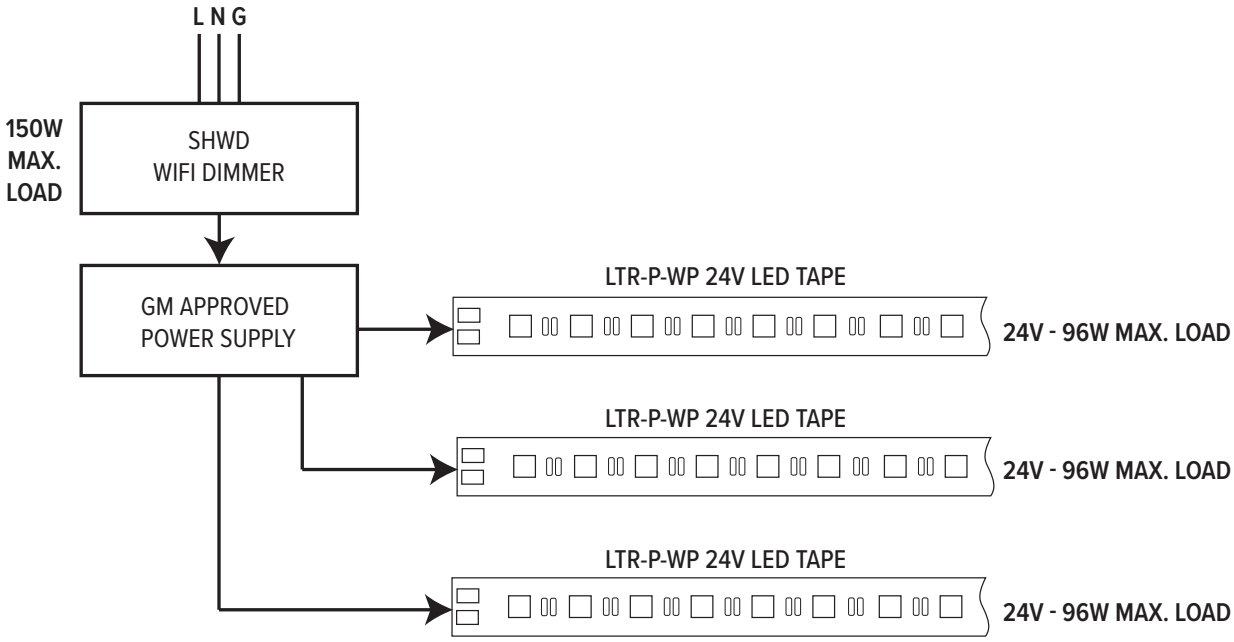
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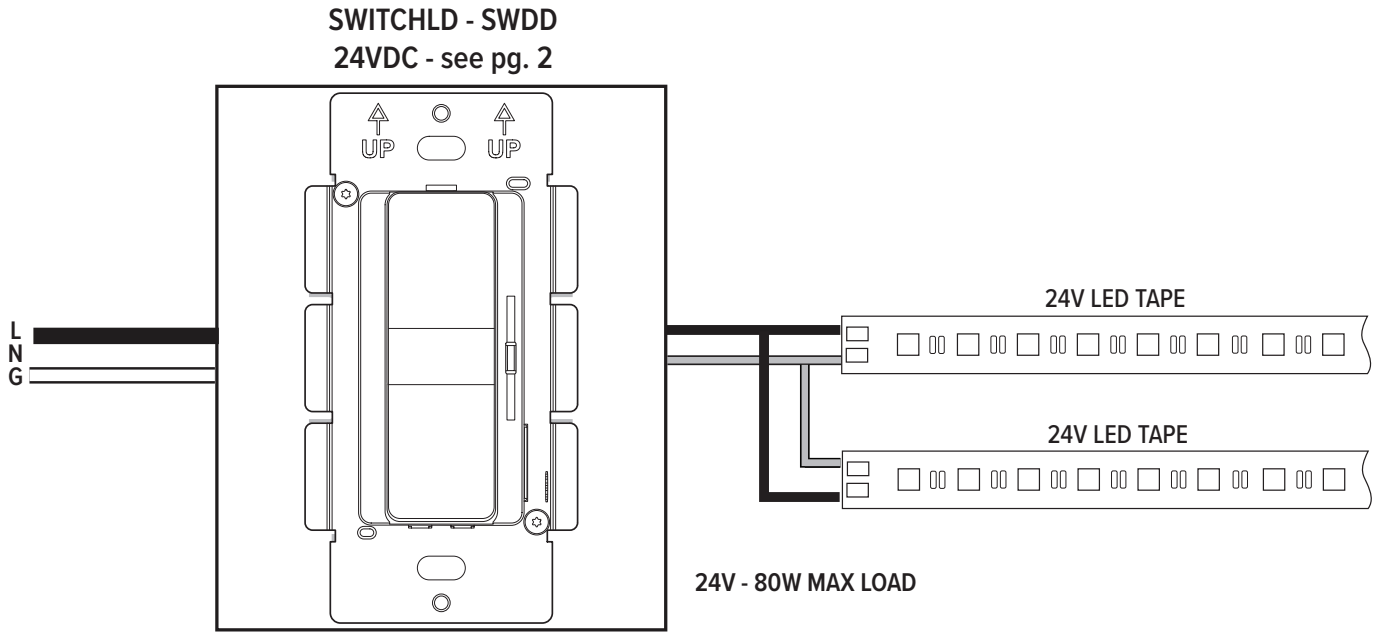
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SHWD LUXCONTROL WIFI DIMMER



SWITCHLD SWD DRIVER AND DIMMER



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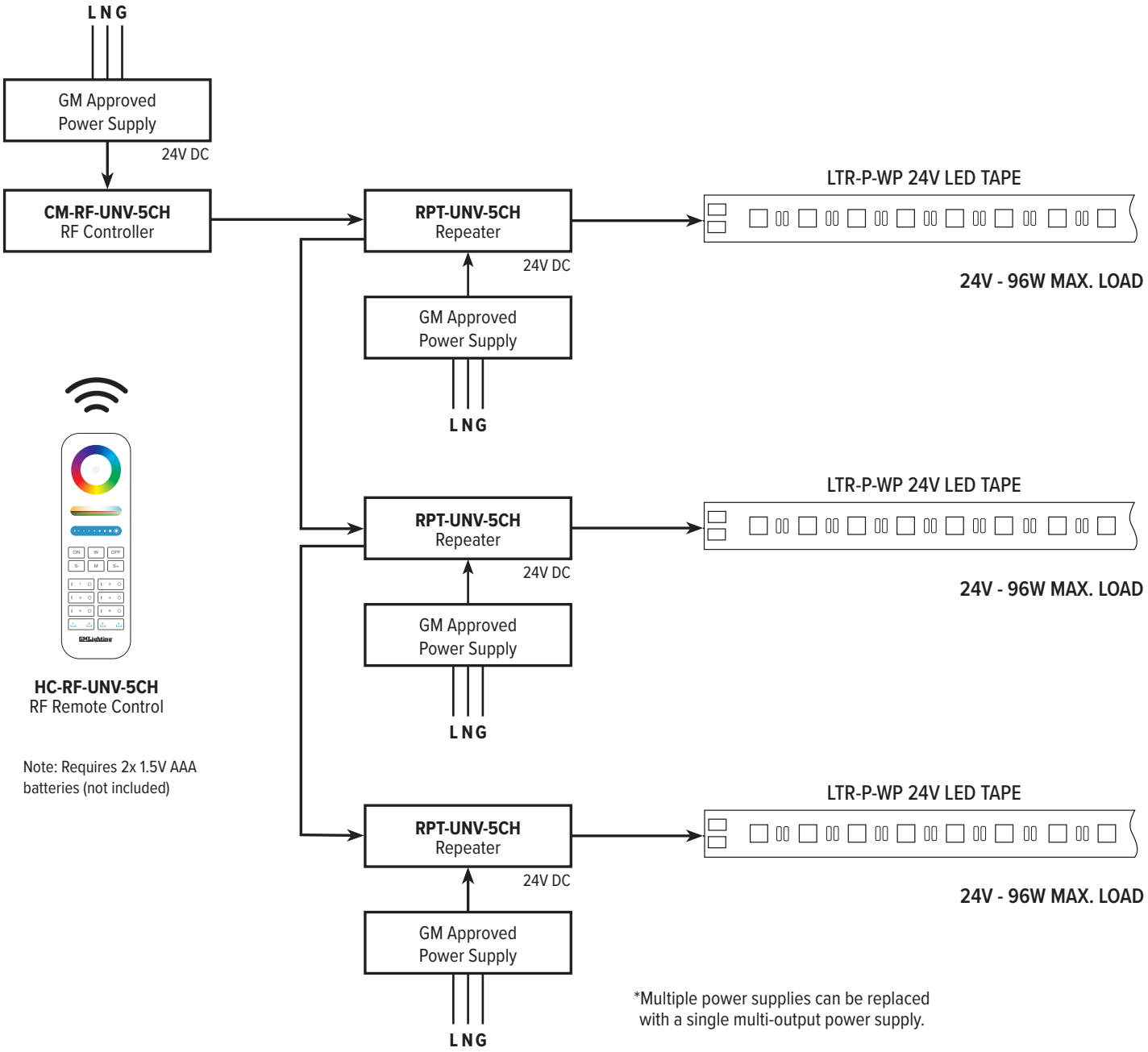
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RF CONTROLLER

Incoming power for (L N G) options can be 120V or 277V.
Check power supply for proper input voltage and output power required.
Power Supply output voltage must match LED operating voltage. (24VDC)
Power supply used **MUST NOT BE DIMMED** at the input to properly power the controls.
See Controller instructions for pairing and wiring details.



HC-RF-UNV-5CH
RF Remote Control

Note: Requires 2x 1.5V AAA batteries (not included)

*Multiple power supplies can be replaced with a single multi-output power supply.

Example: (3) **LD-XD-UNV96-24** can be replaced by (1) **LD-XD-UNV300-24**

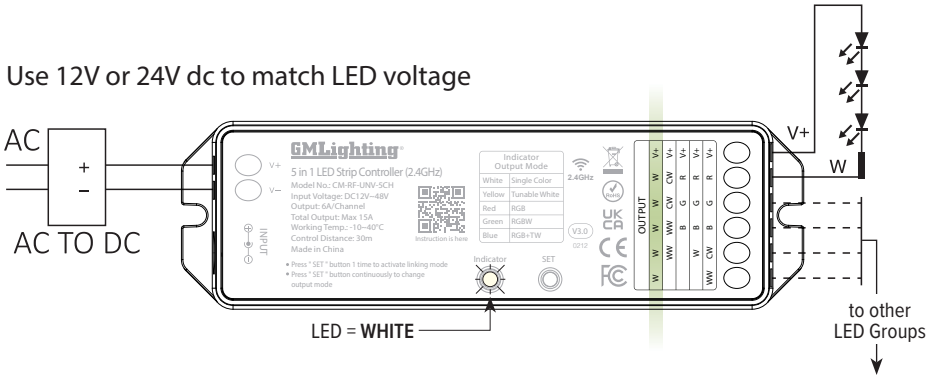
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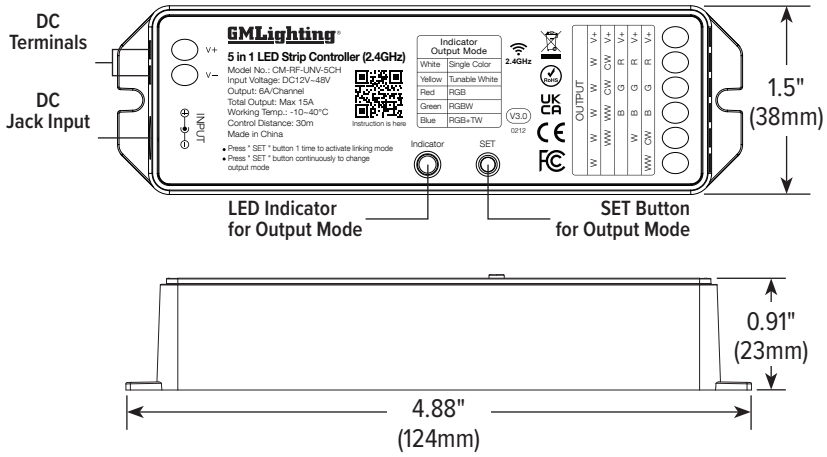
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RF REMOTE CONTROLLER AND REPEATER

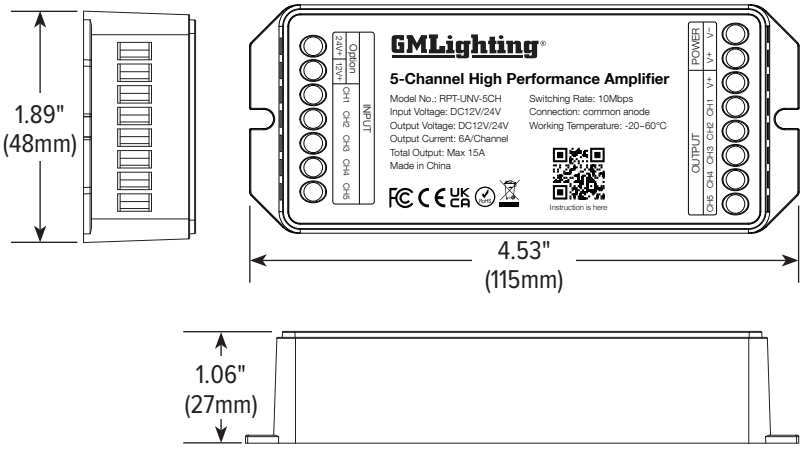


CM-RF-UNV-5CH
RF Controller

DIMENSIONS



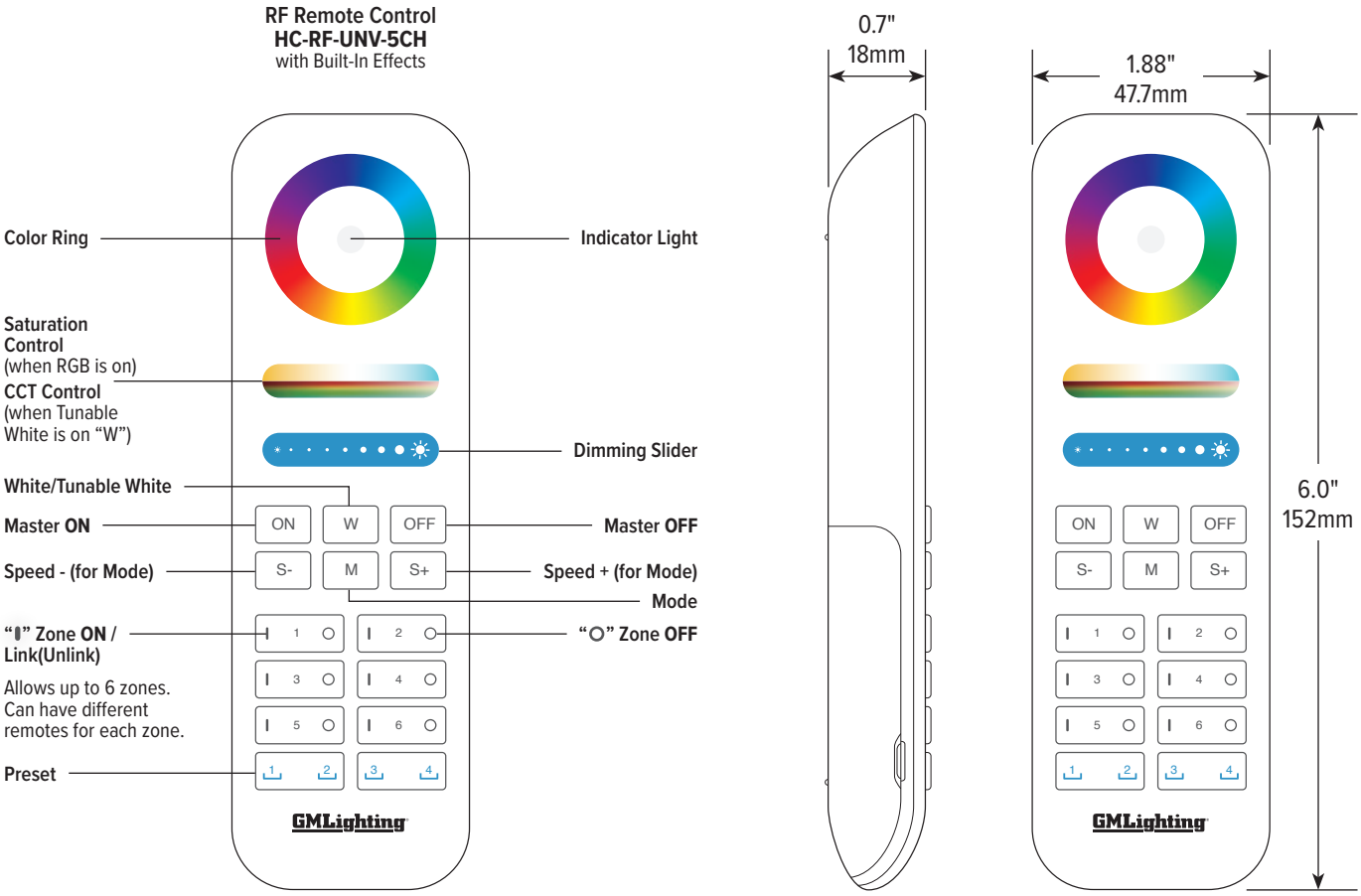
CM-RF-UNV-5CH
RF Controller



RPT-UNV-5CH
Repeater Amplifier

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RF HAND HELD REMOTE FEATURES AND DIMENSIONS



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