LTR-S Specification Series

12VDC Side View (SV)
LED Tape Specification Sheet

GMLighting®

CLOSET | **12 VOLT** | **DRY LOCATION** | **CLASS 2** | **80+ CRI**

LUX control | **FIELD CUTTABLE** | **UL c us** | **5 Yr. WARRANTY**

PRODUCT OVERVIEW

GM's Specification Series Flexible Side View LED Tape features strategically placed diodes that throw light out at an angle, making it perfect for shelves, illuminating architectural detail and other constructs that require a directional beam. Available in 16'-4" (5M) reels.

FEATURES

- 12VDC
- 2700K, 3000K, 3500K, and 4000K color temps
- Dry location
- Cuttable every 2"
- Remote control with GM's LUXcontrol™ App and controllers
- Specially orientated premium 2835 diodes
- 120° viewing angle
- Dimmable
- 3M adhesive back
- Maximum run on a given lead is 32'-8"
- Includes Sure-Tite connectors

Strategically located diodes forces a sideway beam throw

CAN BE CUT EVERY 2"
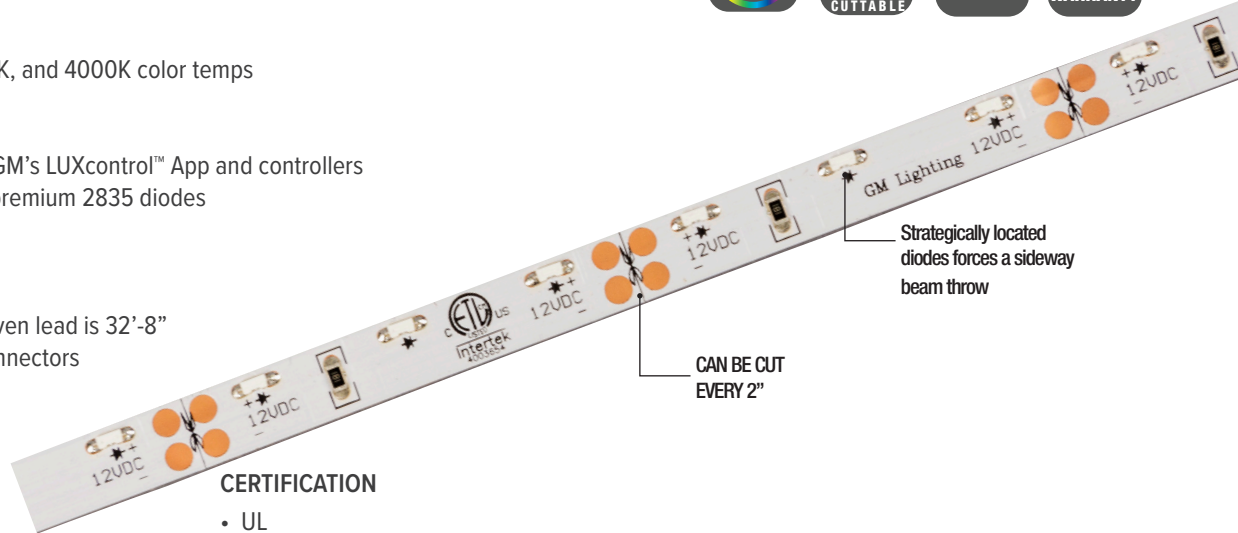
SPECIFICATIONS

ELECTRICAL
- 12V
- 1.5 watts per foot

OPTICS
- 80+ CRI

OPERATING TEMP
- -4°F to 122°F

CERTIFICATION
- UL
- Title 24 compliant when used with specific drivers. Consult factory.
- Class 2
- Closet Rated. Compliant with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

WARRANTY
- 5-year warranty when paired with GM power supply.

ORDERING INFORMATION

Example: LTR-S-SV-12V-1.5W-27K-16

Model	-	Series	-	Type	Voltage	Wattage	Color Temp		Reel Length
LTR		S		SV	12V	1.5W	27K		16
							30K		
							35K		
							40K		

*Reel Length: 16 = 16'-4"

ACCESSORIES

Model	Description
STC-1	Sure-Tite tape to tape connector
STC-90	Sure-Tite 90° connector
STLK-60	Sure-Tite 60" adjustable tape to tape connector
STW-60	Sure-Tite 60" adjustable tape to power connector
STW-CO	Sure-Tite tape to power supply connector (no wire)

Your LED Tape Specification Checklist:
1. Select Tape
2. Select Connectors
3. Select Channels
4. Select Controllers or Dimmers
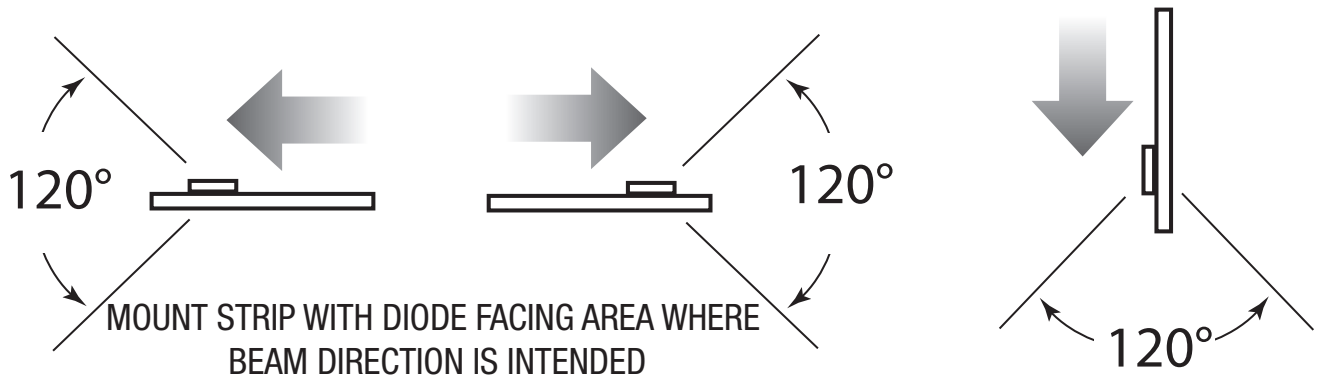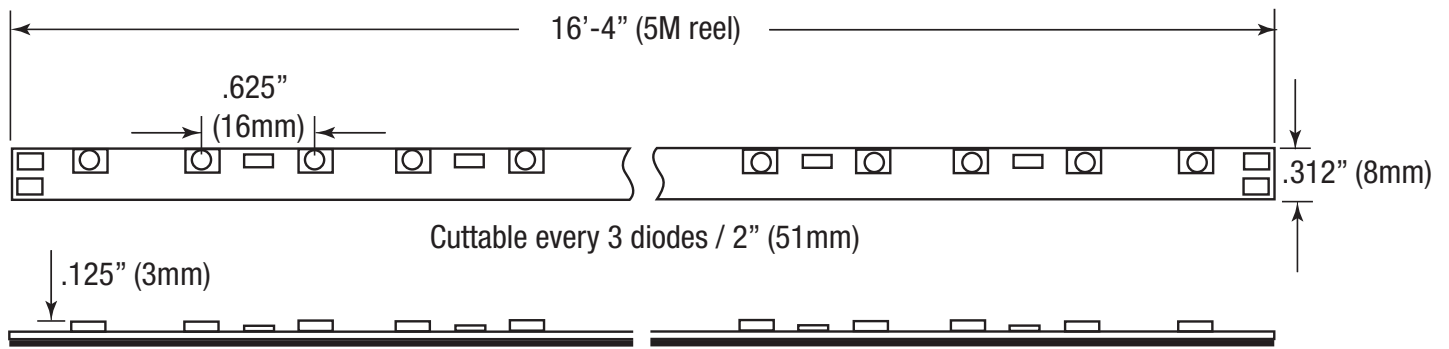5. Select Power Supplies

Install Sheet

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LTR-S Specification Series
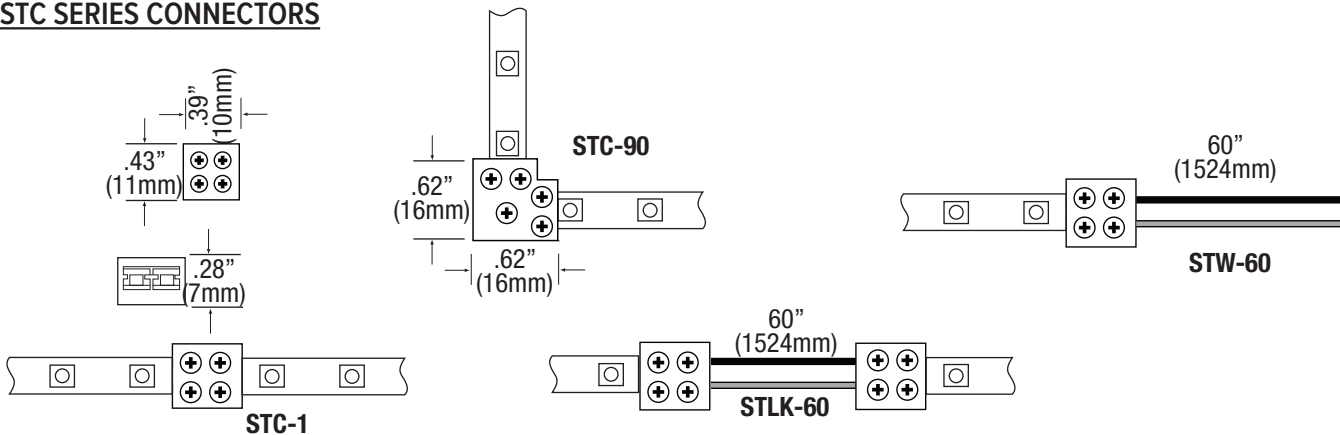
12VDC Side View (SV)
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Catalog No.	Length	Lumens	CRI	Color Temp.	Max. Run
LTR-S-SV-12V-1.5W-27K-16	16'-4" / 5M	104	90+	2700K	16'-4"
LTR-S-SV-12V-1.5W-30K-16	16'-4" / 5M	108	90+	3000K	16'-4"
LTR-S-SV-12V-1.5W-35K-16	16'-4" / 5M	120	90+	3500K	16'-4"
LTR-S-SV-12V-1.5W-40K-16	16'-4" / 5M	127	90+	4000K	16'-4"

Includes 24" lead affixed to tape and (3) ESTW-60 Sure-Tite connectors.
Kelvin temperature (color) ±100K.

DIMENSION

16'-4" (5M reel)

.625" (16mm)

.312" (8mm)

Cuttable every 3 diodes / 2" (51mm)

.125" (3mm)

120°   120°

MOUNT STRIP WITH DIODE FACING AREA WHERE
BEAM DIRECTION IS INTENDED

120°

STC SERIES CONNECTORS

.39" (10mm)

.43" (11mm)

.28" (7mm)

STC-90

.62" (16mm)

.62" (16mm)

60" (1524mm)

STW-60

STC-1

60" (1524mm)

STLK-60

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COMPATIBLE CONTROLLERS

Model	Description
SHWC	LUXcontrol Smart 2.4 GHz WiFi Controller, Standard 12V/24V Low Voltage, see page 8
SHWD	LUXcontrol Smart 2.4 GHz WiFi Dimmer, Standard 12V/24V Low Voltage, see page 8
SWD-40W-12VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 40W, 12VDC see page 10
SWD-60W-12VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 60W, 12VDC see page 10

RECOMMENDED DRIVERS

Catalog No.	Description	Watts	Specification Sheet
LD-XD-UNV	LineDrive Electronic Multi-Dimmable Power Supply, 12VDC or 24VDC	20W, 40W, 60W, 96W, 180W, 200W, 300W	View Spec Sheet
LD-E-UNV	LineDrive Electronic Non-Dimmable Power Supply, 12VDC or 24VDC	30W, 60W, 96W, 200W, 300W	View Spec Sheet
LD-MD-UNV	LineDrive Magnetic Dimmable Power Supply, 12VDC or 24VDC	30W, 60W, 96W, 150W, 200W, 300W	View Spec Sheet
LD-EDM	LineDrive Electronic Dimmable MINI Power Supply, 12VDC or 24VDC	60W	View Spec Sheet
LTP	Cord and Plug Power Supply, 12VDC or 24VDC	25W, 48W, 60W, 90W	View Spec Sheet
PSD	Electronic Dimmable Power Supply, 12VDC or 24VDC	15W, 24W, 60W, 90W	View Spec Sheet
Please see our website for updated power supply specifications and information.			

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COMPATIBLE CHANNELS - FIT CONNECTORS ON PG. 1

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'	.79" .86" .98"
LED-CHL-XD-8	Extra deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	8'	
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

Catalog No.	Description	Length	Dimensions
LED-CHL-XD-F	Extra deep format extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	4'	1.5" .79" .80" .98"
LED-CHL-XD-F-8	Extra deep format extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	8'	
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	

MINI DEEP

Catalog No.	Description	Length	Dimensions
LED-CHL-XD-MD	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4'	.550" .62" .75"
LED-CHL-XD-MD-WH	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws. White.	4'	
LED-CHL-XD-MD-B	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws. Black.	4'	
LED-CHL-XD-MD-8	Mini deep format extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	8'	
LED-CHL-XD-MD-8-WH	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws. White.	8'	
LED-CHL-XD-MD-8-B	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws. Black.	8'	
LED-CHL-XD-MD-AMC	(2) Adjustable mounting brackets for LED-CHL-XD-MD	N/A	
LED-CHL-XD-MD-EC	(2) End caps for LED-CHL-XD-MD. One solid, one with hole.	N/A	
LED-CHL-XD-MD-MC	(2) Mounting clips for LED-CHL-XD-MD	N/A	

MINI DEEP FLANGED

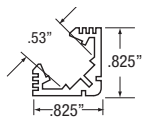| Catalog No.	Description	Length	Dimensions
LED-CHL-XD-MD-F	Mini deep format flanged extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	4'	.625" .3" .55" .75"
LED-CHL-XD-MD-F-WH	Mini deep format flanged extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws. White.	4'	
LED-CHL-XD-MD-F-B	Mini deep format flanged extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws. Black.	4'	
LED-CHL-XD-MD-F-8	Mini deep format extruded flanged channel with flange. Includes snap-on frosted lens with mounting clips and screws.	8'	
LED-CHL-XD-MD-F-8-WH	Mini deep format extruded flanged channel with flange. Includes snap-on frosted lens with mounting clips and screws. White.	8'	
LED-CHL-XD-MD-F-8-B	Mini deep format extruded flanged channel with flange. Includes snap-on frosted lens with mounting clips and screws. Black.	8'	
LED-CHL-XD-MD-F-DC	(2) Drywall mounting brackets for LED-CHL-XD-MD-F	N/A	
LED-CHL-XD-MD-F-EC	(2) End caps for LED-CHL-XD-MD-F One solid, one with hole.	N/A	

COMPATIBLE CHANNELS- FIT CONNECTORS ON PG. 1
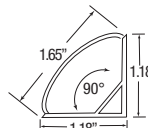
45° ANGLE MOUNT

Catalog No.	Description		Dimensions
LED-CHL-45	Extruded angled (45°) channel. Includes snap-on frosted lens with mounting clips and screws.	4'	
LED-CHL-45-EC	(2) End caps for LED-CHL-45 - one solid, one with hole	N/A	
LED-CHL-45-MC	(2) Mounting clips and screws for LED-CHL-45	N/A	

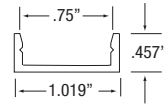### 45° LARGE ANGLE MOUNT

Catalog No.	Description		Dimensions
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	

WIDE

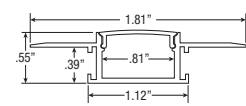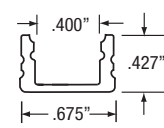| Catalog No.	Description		Dimensions
LED-CHL-W	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4'	
LED-CHL-W-8	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	8'	
LED-CHL-W-AMC	(2) Adjustable mounting brackets for 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	

MUD IN - STANDARD

Catalog No.	Description		Dimensions
LED-CHL-MI-ST8	8ft. Standard extruded aluminum mud-in channel. Includes snap-on frosted lens.	8'	
LED-CHL-MI-ST-EC	(2) End caps for LED-CHL-MI-ST8 one solid, one with hole.	N/A	

COMPATIBLE CHANNELS - SOLDERED LEADS ONLY

STANDARD STRAIGHT

Catalog No.	Description		Dimensions
LED-CHL	Extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4'	
LED-CHL-8	Extruded channel. Includes snap-on frosted lens with mounting clips and screws.	8'	
LED-CHL-AMC	(2) Adjustable mounting brackets for LED-CHL	N/A	
LED-CHL-EC	(2) End caps for LED-CHL - one solid, one with hole.	N/A	
LED-CHL-MC	(2) Additional mounting clips for LED-CHL	N/A	

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SHWC LUXCONTROL WIFI CONTROLLER

L N G

LineDrive **LD-E** Series
Non Dimmable
Power Supply

**GROUP MULTIPLE
CONTROLLERS IN THE
LUXCONTROL APP**

SHWC
CONTROLLER

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

L N G

LineDrive **LD-E** Series
Non Dimmable
Power Supply

SHWC
CONTROLLER

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

L N G

LineDrive **LD-E** Series
Non Dimmable
Power Supply

SHWC
CONTROLLER

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

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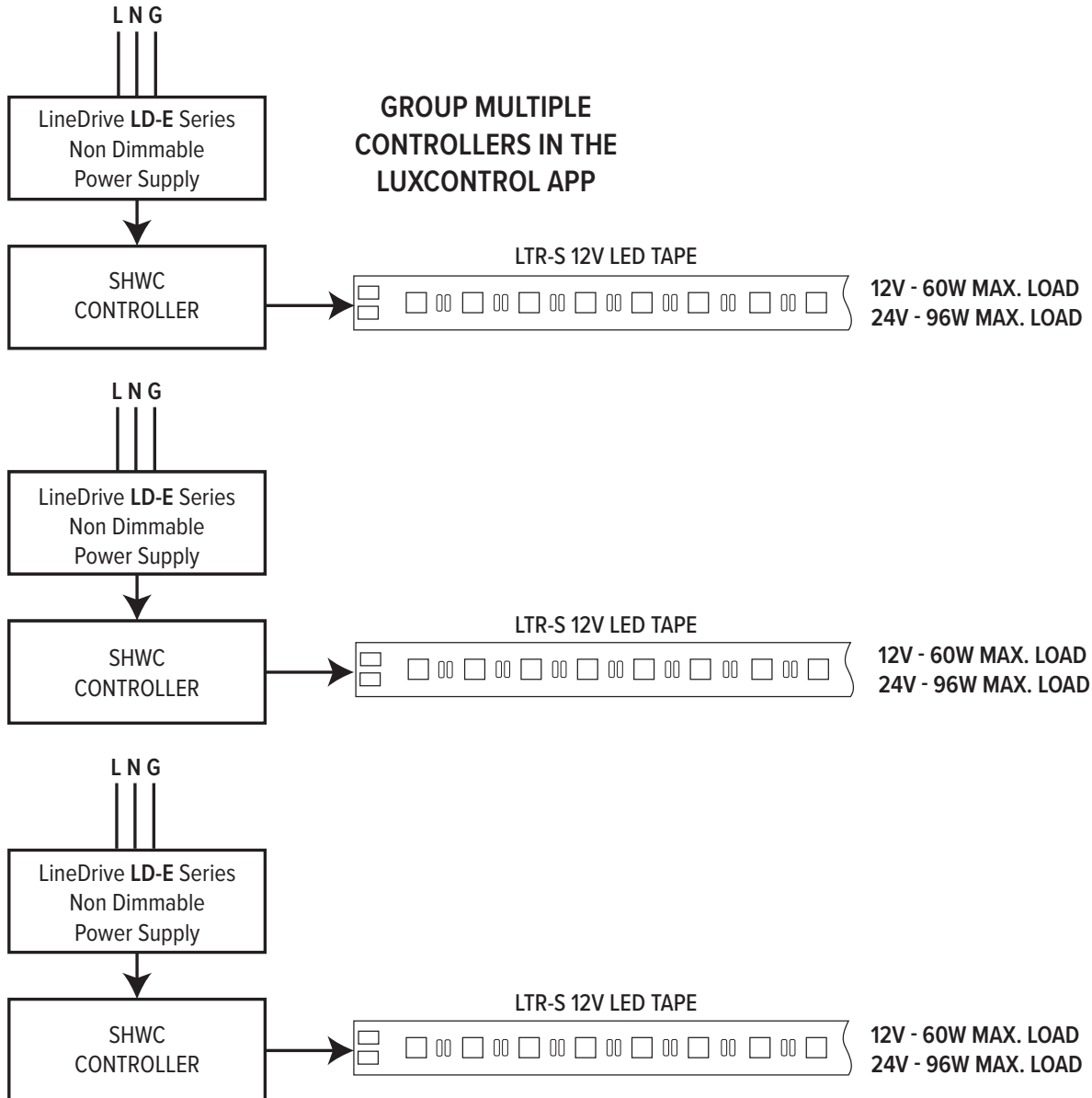
SHWC LUXCONTROL WIFI CONTROLLER
WITH POWER REPEATER

L N G

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LineDrive LD-E Series
Non Dimmable
Power Supply
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SHWC
CONTROLLER
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L N G

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LineDrive LD-E Series
Non Dimmable
Power Supply
```

```
SHWC-RGBW-RPT
REPEATER
```

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

L N G

```
LineDrive LD-E Series
Non Dimmable
Power Supply
```

```
SHWC-RGBW-RPT
REPEATER
```

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

L N G

```
LineDrive LD-E Series
Non Dimmable
Power Supply
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SHWC-RGBW-RPT
REPEATER
```

LTR-S 12V LED TAPE

12V - 60W MAX. LOAD
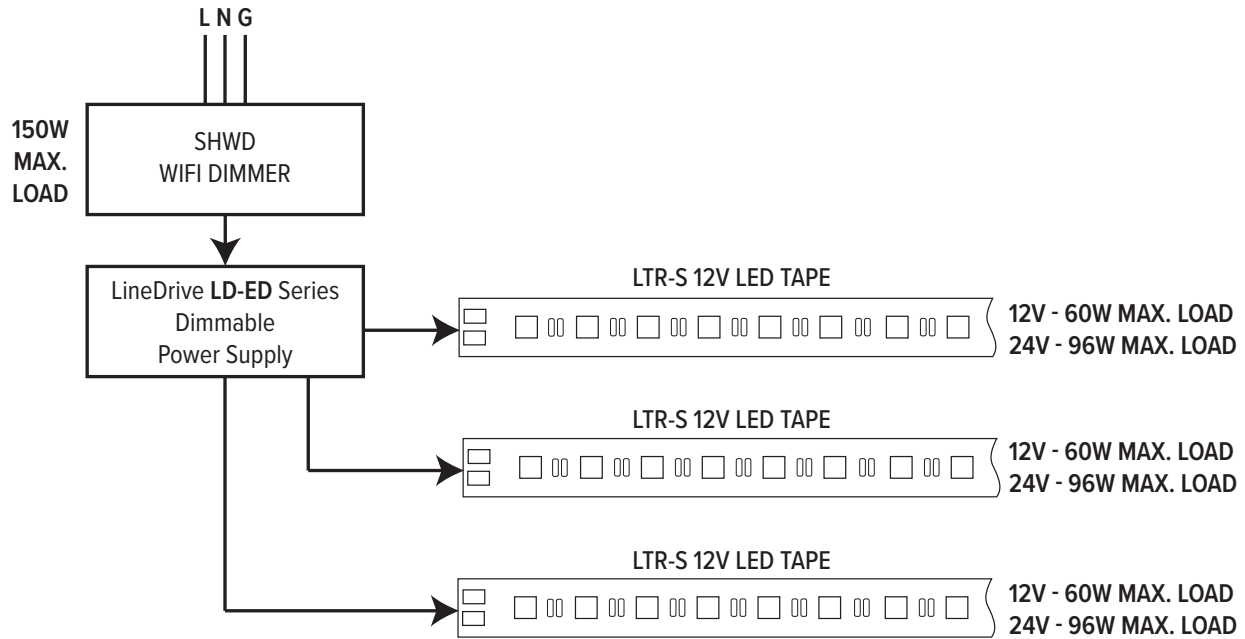**24V - 96W MAX. LOAD**

**TO ADDITIONAL
REPEATERS AND
POWER SUPPLIES**

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SHWD LUXCONTROL WIFI DIMMER

L N G

150W MAX. LOAD

SHWD WIFI DIMMER

LineDrive **LD-ED** Series Dimmable Power Supply

LTR-S 12V LED TAPE
12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

LTR-S 12V LED TAPE
12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

LTR-S 12V LED TAPE
12V - 60W MAX. LOAD
24V - 96W MAX. LOAD

SWITCHLD SWD DRIVER AND DIMMER

SWITCHLD - SWD
12VDC - see pg. 2

L N G

LTR-S 12V LED TAPE

LTR-S 12V LED TAPE

12V - 48W MAX. LOAD