

LTR-E Economy Series

1.5W, 12VDC and 24VDC LED Tape Specification Sheet

GM Lighting®

PRODUCT OVERVIEW

GM's Economy Series Flexible Tape standardizes our approach to LED linear lighting without sacrificing quality. Field cuttable and available in an assortment of color temps. and colors - LTR-E Series provides an economical solution in an efficient and reliable LED tape. 16'-4" (5M) reels and connectible by GM Lighting Sure-Tite connectors (not included).

FEATURES

- 2700K, 3000K, 3500K, 4000K and Amber, Red, Green, Blue color temps
- Remote control with GM's LUXcontrol™ App and controllers
- Cuttable every 2" (12V & colors)
- Cuttable every 4" (24V)
- 2835 LED diodes
- 60 LED's per meter (18/ft.)
- 120° viewing angle
- Dimmable
- 3M adhesive back
- Maximum run on a given lead is 32'-8"
- Custom lengths available consult factory

SPECIFICATIONS

ELECTRICAL

- 12V/24V
- 1.5 watts per foot

OPTICS

- 80+ CRI
- Amber (590-595nm)
- Red (620-630nm)
- Green (510-525nm)
- Blue (460-470nm)

WARRANTY

- 5-year warranty when paired with GM power supply

CERTIFICATION

- ETL
- IP20
- Class 2

ORDERING INFORMATION

Model	Series	Voltage	Wattage	Color Temp	Reel Length
LTR	E	12V	1.5W	27K	16
		24V		30K	
				35K	100
				40K	
LTR	E	12V	1.5W	AM	16
				BL	
				GR	
				RD	

*Reel Length: 16 = 16'-4", 100 = 98'-6"

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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Catalog No.	Length	Lumens	CRI	Color Temp.	Max. Run
LTR-E-12V-1.5W-27K-16	16'-4" / 5M	127	90+	2700K	32'-8"
LTR-E-12V-1.5W-30K-16	16'-4" / 5M	133	90+	3000K	32'-8"
LTR-E-12V-1.5W-35K-16	16'-4" / 5M	134	90+	3500K	32'-8"
LTR-E-12V-1.5W-40K-16	16'-4" / 5M	149	90+	4000K	32'-8"
LTR-E-12V-1.5W-27K-100	98'-6" / 30M	127	90+	2700K	32'-8"
LTR-E-12V-1.5W-30K-100	98'-6" / 30M	133	90+	3000K	32'-8"
LTR-E-12V-1.5W-35K-100	98'-6" / 30M	134	90+	3500K	32'-8"
LTR-E-12V-1.5W-40K-100	98'-6" / 30M	149	90+	4000K	32'-8"
LTR-E-12V-1.5W-AM-16	16'-4" / 5M	n/a	n/a	Amber	32'-8"
LTR-E-12V-1.5W-BL-16	16'-4" / 5M	n/a	n/a	Blue	32'-8"
LTR-E-12V-1.5W-GR-16	16'-4" / 5M	n/a	n/a	Green	32'-8"
LTR-E-12V-1.5W-RD-16	16'-4" / 5M	n/a	n/a	Red	32'-8"
LTR-E-24V-1.5W-27K-16	16'-4" / 5M	127	90+	2700K	32'-8"
LTR-E-24V-1.5W-30K-16	16'-4" / 5M	133	90+	3000K	32'-8"
LTR-E-24V-1.5W-35K-16	16'-4" / 5M	134	90+	3500K	32'-8"
LTR-E-24V-1.5W-40K-16	16'-4" / 5M	149	90+	4000K	32'-8"
LTR-E-24V-1.5W-27K-100	98'-6" / 30M	127	90+	2700K	32'-8"
LTR-E-24V-1.5W-30K-100	98'-6" / 30M	133	90+	3000K	32'-8"
LTR-E-24V-1.5W-35K-100	98'-6" / 30M	134	90+	3500K	32'-8"
LTR-E-24V-1.5W-40K-100	98'-6" / 30M	149	90+	4000K	32'-8"

Kelvin temperature (color) ±100K.
16'-4" and 98'-6" reel includes 48" lead affixed to tape. Sure-Tite connectors not included.

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
SWD-60W-24VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 60W, 24VDC see page 10
SWD-100W-24VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 100W, 24VDC see page 10

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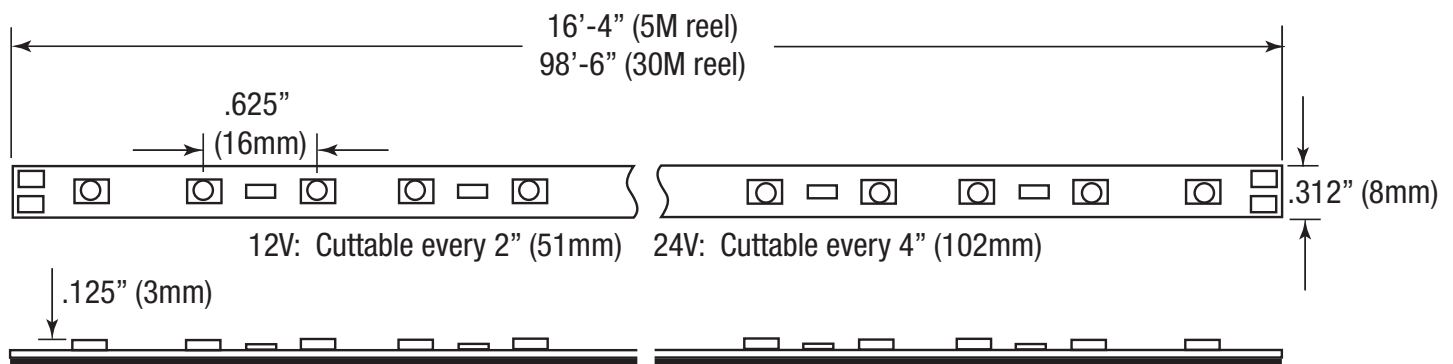
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RECOMMENDED DRIVERS

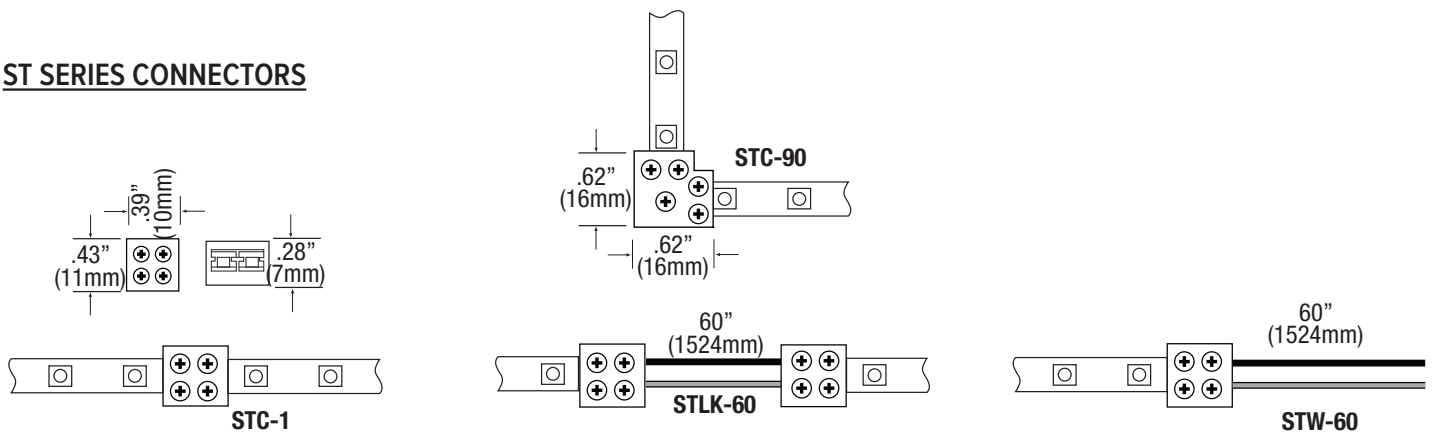
Catalog No.	Description	Watts	Specification Sheet
LD-ED-UNV	LineDrive Electronic Dimmable Power Supply, 12VDC or 24VDC	20W, 40W, 60W, 96W, 150W, 200W, 300W	View Spec Sheet
LD-E-UNV	LineDrive Electronic Non-Dimmable Power Supply, 12VDC or 24VDC	30W, 60W, 96W, 200W, 300W	View Spec Sheet
LD-MD-UNV	LineDrive 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
LD-ED010	LineDrive Electronic Dimmable 0-10V Power Supply, 12VDC or 24VDC	60W, 96W	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.

DIMENSION



ST SERIES CONNECTORS



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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'	
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

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-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

LED-CHL-XD-MD	Mini deep format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4'	
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

LED-CHL-XD-MD-F	Mini deep format flanged extruded channel with flange. Includes snap-on frosted lens with mounting clips and screws.	4'	
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	

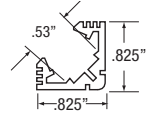
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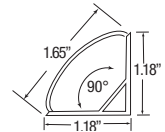
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COMPATIBLE CHANNELS- FIT CONNECTORS ON PG. 1

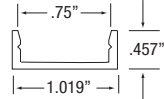
45° ANGLE MOUNT

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	

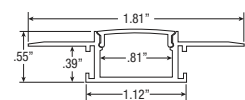
45° LARGE ANGLE MOUNT

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

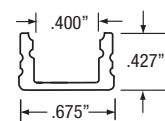
LED-CHL-W	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	4'	
LED-CHL-W-8	Wide format extruded channel. Includes snap-on frosted lens with mounting clips and screws.	8'	
LED-CHL-W-AMC	(2) Adjustable mounting brackets for LED-CHL-W	N/A	
LED-CHL-W-EC	(2) End 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

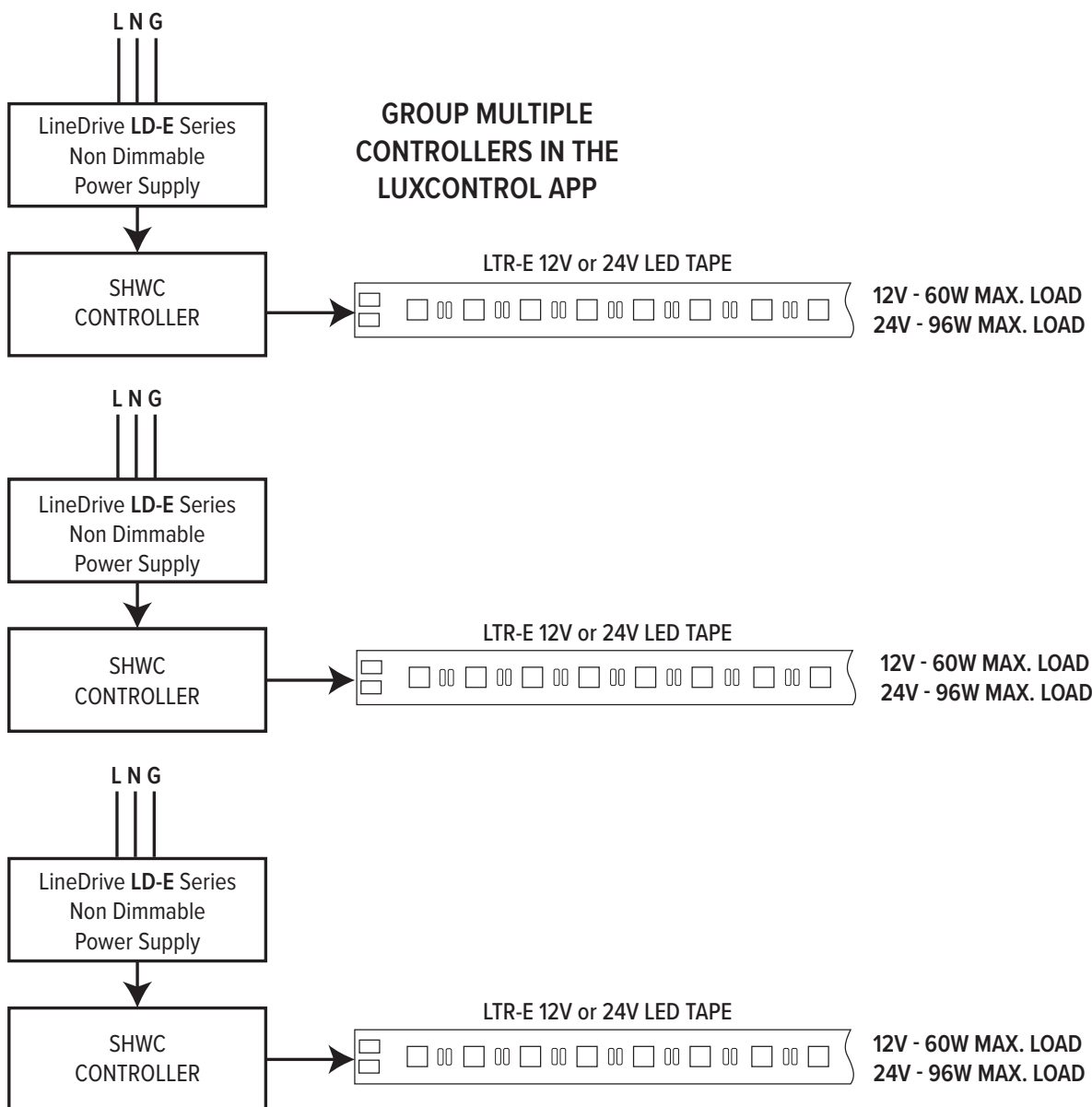
STANDARD STRAIGHT

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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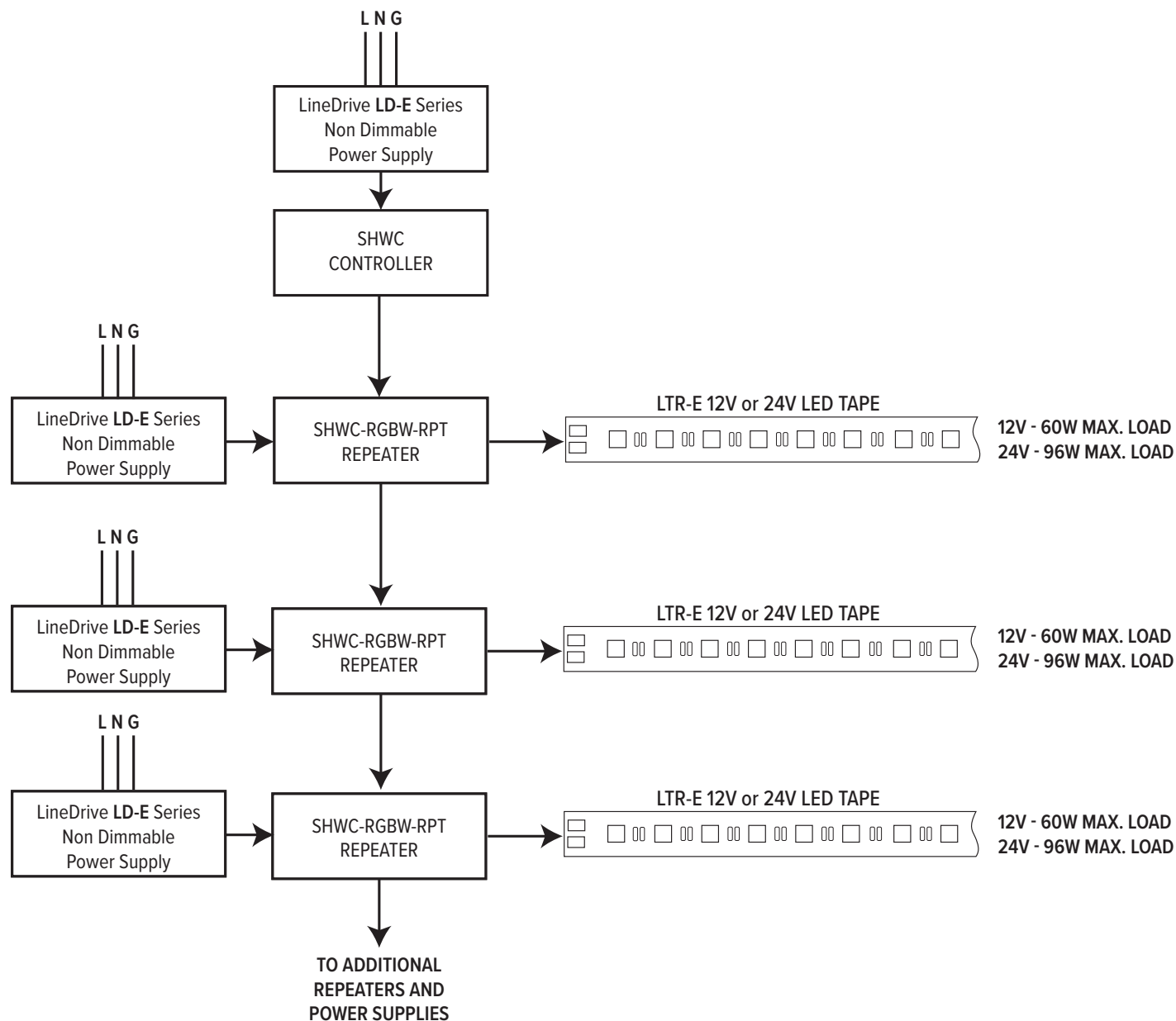
SHWC LUXCONTROL WIFI CONTROLLER



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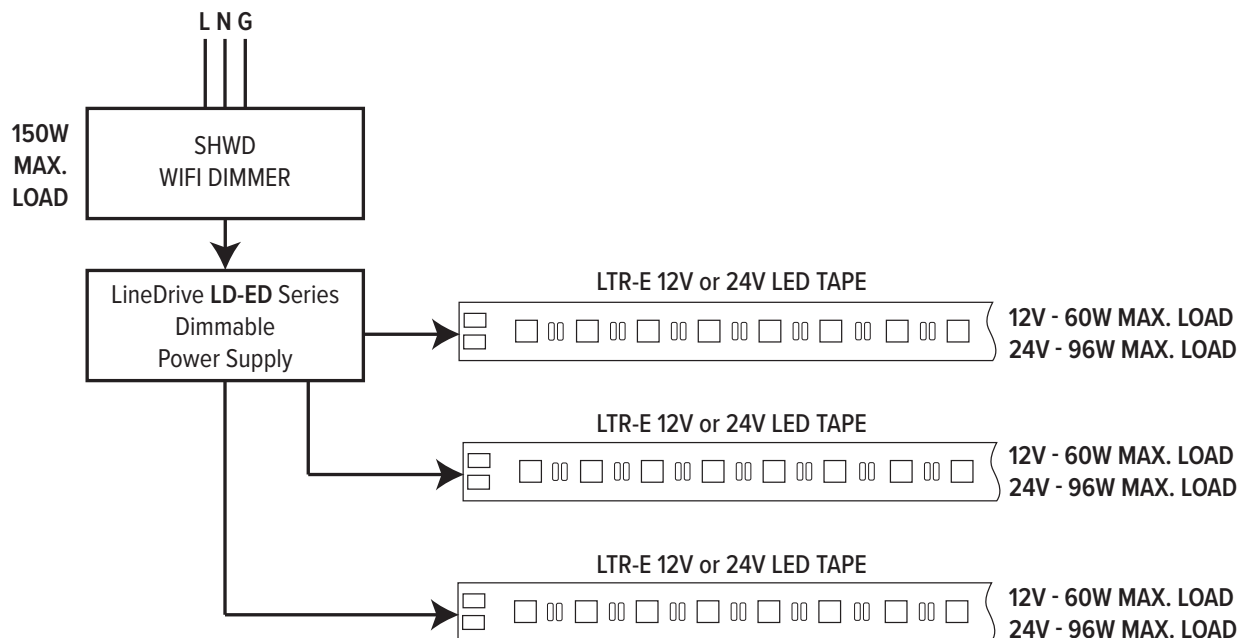
SHWC LUXCONTROL WIFI CONTROLLER WITH POWER REPEATER



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SHWD LUXCONTROL WIFI DIMMER



SWITCHLD SWD DRIVER AND DIMMER

