LTR-S Specification Series

1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet
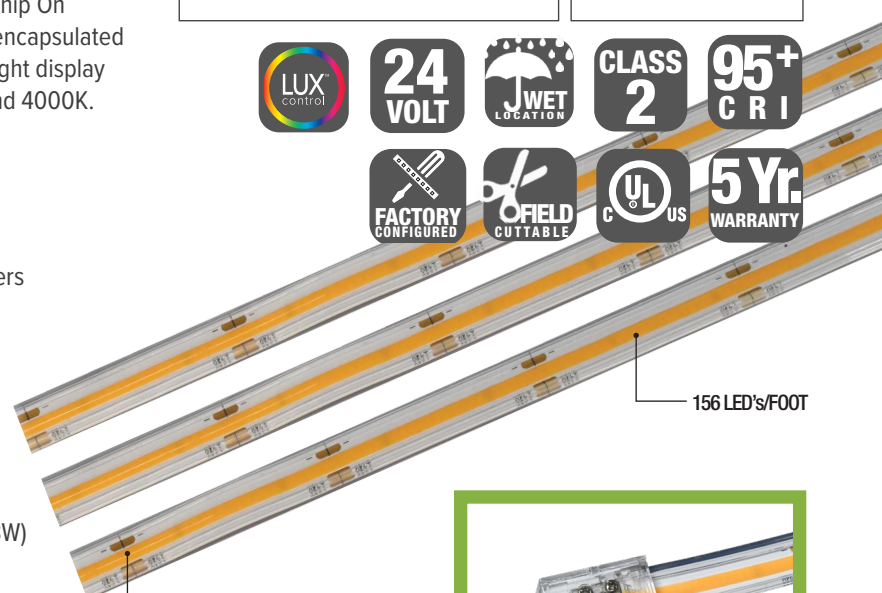
GMLighting ®

Project Name		Type
Catalog #		Date

PRODUCT OVERVIEW

The newest addition in the flexible LED tape is the COBWP (Chip On Board - Wet location) technology. Tightly spaced diodes are encapsulated into a single phosphor strip that provides a seamless linear light display with no LED pixelation. Available in 2700K, 3000K, 3500K and 4000K.

FEATURES

- 24VDC
- 2700K, 3000K, 3500K and 4000K color temps
- Remote control with GM's LUXcontrol™ App and controllers (Requires NEMA box)
- Suitable for wet locations, IP65
- 156 LEDs per foot
- Cuttable every 2"
- 180° viewing angle
- Dimmable (ELV or MLV or LUXcontrol)
- 3M adhesive back
- Maximum run on a given lead 32'-8" (1.5W) and 16'-4" (3W)

(Icons: LUXcontrol, 24 VOLT, WET LOCATION, CLASS 2, 95+ CRI, FACTORY CONFIGURED, FIELD CUTTABLE, UL c-us, 5 Yr. WARRANTY)

156 LED's/FOOT

CAN BE CUT EVERY 2"

SPECIFICATIONS

ELECTRICAL
- 24V
- 1.5 / 3 watts per foot

OPTICS
- 95+ CRI

OPERATING TEMP
- -4°F to 122°F

CERTIFICATION
- UL
- IP65
- Title 24 compliant when used with specific drivers. Consult factory.

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

ORDERING INFORMATION

Example: LTR-S-COBWP-24V-3.0W-27K-FT

Model	-	Series	-	Type	-	Location	-	Voltage	-	Wattage/ft	-	Color Temp	-	Length
LTR		S		COB		WP		24V		1.5W		27K		FT
												30K		
										3.0W		35K		32
												40K		

NOTE: Compatible with LED-CHL-XD series channels.
Reel Length: 32 = 32'-8"; Custom cuts available, consult factory

ACCESSORIES

Model	Description
LTR-P-WP-TTC-3	3" Tape to tape connector, UV sealed
LTR-P-WP-TTC-6	6" Tape to tape connector, UV sealed
LTR-P-WP-TTC-12	12" Tape to tape connector, UV sealed
LTR-P-WP-TTC-24	24" Tape to tape connector, UV sealed
LTR-P-WP-TPC-12	12 ft. power lead

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
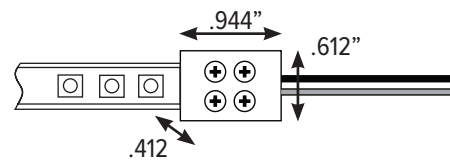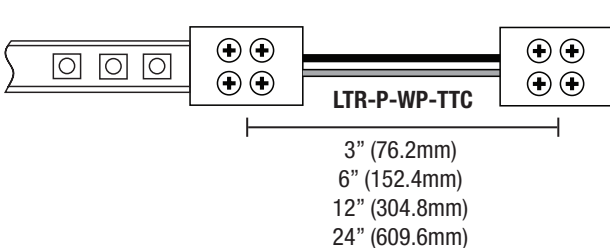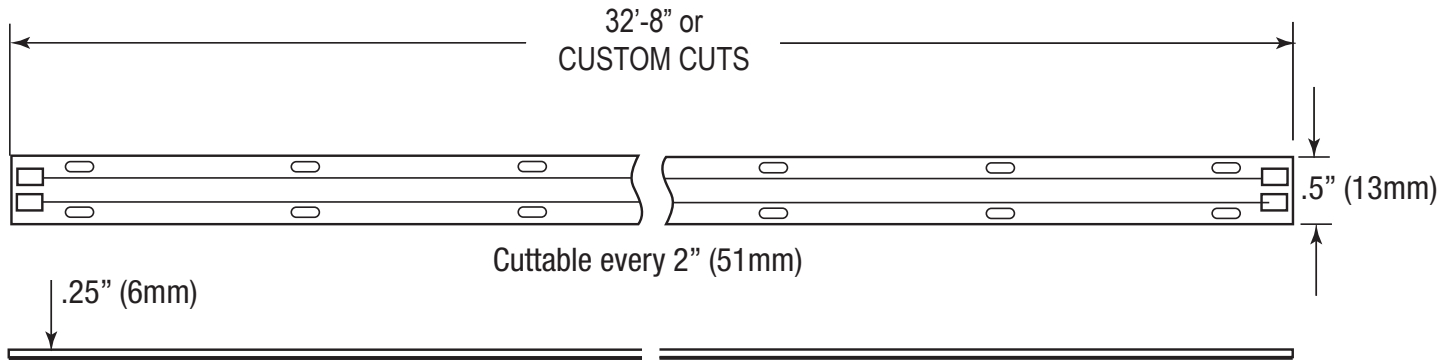
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Catalog No.	Length	Lumens	CRI	Color Temp.	Max. Run
LTR-S-COBWP-24V-1.5W-27K-FT/-32		127	95+	2700K	32'-8"
LTR-S-COBWP-24V-1.5W-30K-FT/-32		127	95+	3000K	32'-8"
LTR-S-COBWP-24V-1.5W-35K-FT/-32	32'-8" or, CUSTOM CUT FEET-INCHES (CUTS MADE IN 2" INCREMENTS)	127	95+	3500K	32'-8"
LTR-S-COBWP-24V-1.5W-40K-FT/-32		142	95+	4000K	32'-8"
LTR-S-COBWP-24V-3.0W-27K-FT/-32		255	95+	2700K	16'-4"
LTR-S-COBWP-24V-3.0W-30K-FT/-32		265	95+	3000K	16'-4"
LTR-S-COBWP-24V-3.0W-35K-FT/-32		275	95+	3500K	16'-4"
LTR-S-COBWP-24V-3.0W-40K-FT/-32		285	95+	4000K	16'-4"

Includes 48" lead. Custom leads available - consult factory.
Kelvin temperature (color) ±100K.

DIMENSIONS

32'-8" or CUSTOM CUTS

.5" (13mm)

Cuttable every 2" (51mm)

.25" (6mm)

LTR-P-WP-TTC

3" (76.2mm)
6" (152.4mm)
12" (304.8mm)
24" (609.6mm)

.944"
.612"
.412

LTR-P-WP
Wet Location
Connector

COMPATIBLE CONTROLLERS

Model	Description
SHWC	LUXcontrol Smart 2.4 GHz WiFi Controller, Standard 12V/24V Low Voltage, see page 4-5
SHWD	LUXcontrol Smart 2.4 GHz WiFi Dimmer, Standard 12V/24V Low Voltage, see page 6
SWD-60W-24VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 60W, 24VDC see page 6
SWD-100W-24VDC-DIM	SwitchLD All-in-One Dimmer and Driver, 100W, 24VDC see page 6

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

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.			

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'	.79" .86" .98"
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'	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	

45° LARGE ANGLE MOUNT

LED-CHL-45-1200	Extruded angled (45°) channel. Includes snap-on frosted lens with mounting clips and screws.	4'	1.65" 1.18" 90° 1.18"
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	

1.5W / 3W COB (Chip On Board) Wet Location
LED Tape Specification Sheet

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SHWC LUXCONTROL WIFI CONTROLLER

L N G

GROUP 1

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

**GROUP MULTIPLE
CONTROLLERS IN THE
LUXCONTROL APP**

SHWC
CONTROLLER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

L N G

GROUP 2

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

SHWC
CONTROLLER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

L N G

GROUP 3

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

SHWC
CONTROLLER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

LTR-S Specification Series
1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet

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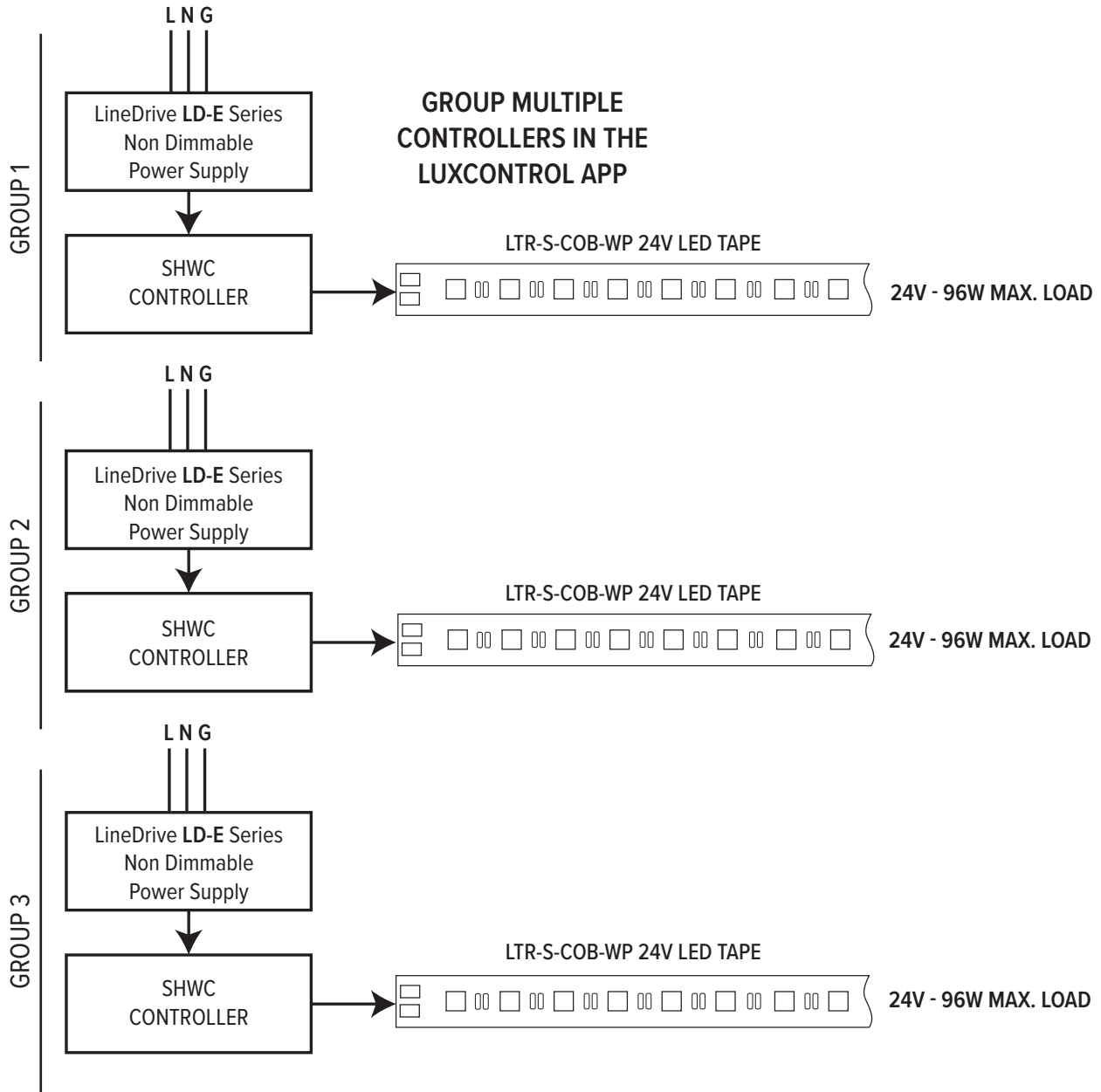
SHWC LUXCONTROL WIFI CONTROLLER
WITH POWER REPEATER

L N G

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

SHWC
CONTROLLER

L N G

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

SHWC-RGBW-RPT
REPEATER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

L N G

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

SHWC-RGBW-RPT
REPEATER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

L N G

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

SHWC-RGBW-RPT
REPEATER

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

**TO ADDITIONAL
REPEATERS AND
POWER SUPPLIES**

LTR-S Specification Series

GMLighting®

1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet

SHWD LUXCONTROL WIFI DIMMER

L N G

150W MAX. LOAD

SHWD WIFI DIMMER

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

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD

LTR-S-COB-WP 24V LED TAPE

24V - 96W MAX. LOAD
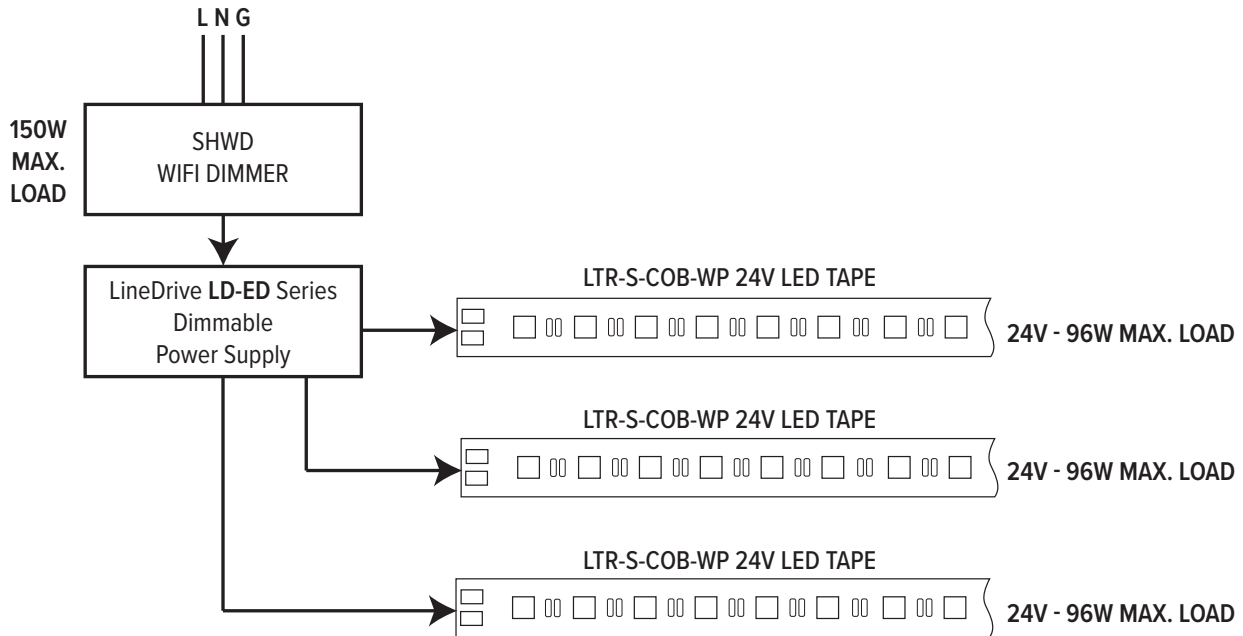
SWITCHLD SWD DRIVER AND DIMMER

SWITCHLD - SWD
24VDC - see pg. 2

120VAC

L
N
G

24VDC

LTR-S-COB-WP 24V LED TAPE

LTR-S-COB-WP 24V LED TAPE