

BLAZE™ Wet Location LED Strip Light

Performance and value for everyday projects.
Our most popular tape light, available in a wide range of color temperatures and outputs. Suitable for wet locations (IP65).
7 Year Limited Warranty.

Date _____

Project Notes _____



24
VDC

12
VDC



TITLE
24

FEATURES

- 90+ CRI
- Suitable for applications that are prone to splashing, spraying, or rain (IP65)
- Compatible with Diode LED tape light accessories including channels, drivers, and more
- 12V and 24V
- 100/200/300 lumen outputs
- 7 Year Limited Warranty



ORDERING CODES

Order spools, and components for field assembly

HYBRID ORDERING CODE

Soldered Wire Lead and Connection Options

	Voltage	Model	CCT	Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
DI										
	12V (12V Volt)	BLBSC1	22 (2200K)	W016 (16 feet wet location)	Color & Type	Length	Connection	Color & Type	Length	Connection
	24V (24V Volt)	BLBSC2	27 (2700K)	W100 (100 feet wet location)	WH (White CL2 - Default)	36I (36 in. - Default)	BW (Bare Wire - Default)	*blank* (No Wire - Default)	*blank* (No Wire - Default)	BW (Bare Wire - Default)
		BLBSC3	30 (3000K)	WCSTM_ (in.) wet location	BL (Black CL2)	in.	DC (Barrel)	WH (White CL2)	in.	DC (Barrel)
			40 (4000K)		SV* (Silver Plenum - *Bare Lead only)		MIC (Interconnect)	BL (Black CL2)		MIC (Interconnect)
			50 (5000K)					SV* (Silver Plenum - *Bare Lead only)		

GENERAL SPECIFICATIONS (ALL MODELS)

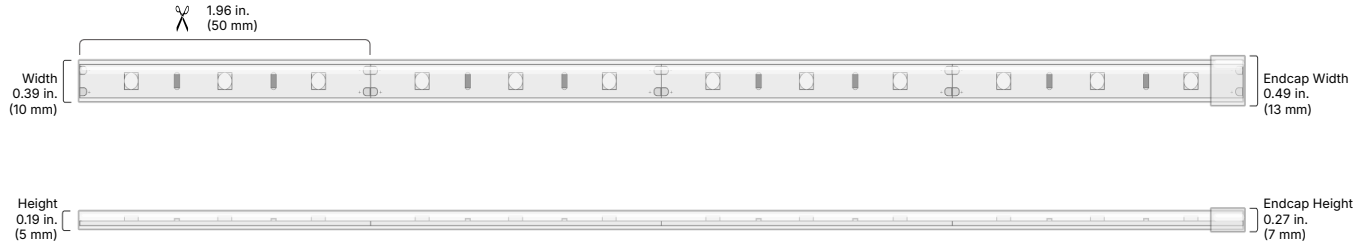
Dimmable	Yes
CRI	90+
Dimensions	0.39 x 0.19 in. (W x H)
TM-21 (LM-80)	>50,000 hours
Environment	Outdoor / Wet Location (IP65)
Lead Wire A	36 in. Wet Location Connector 20/2 AWG UL 2464 Wire with Strain Relief
Chip Type	2835
Certification	UL Listed 2108
Warranty	7 Year Limited

DETAILED SPECIFICATIONS

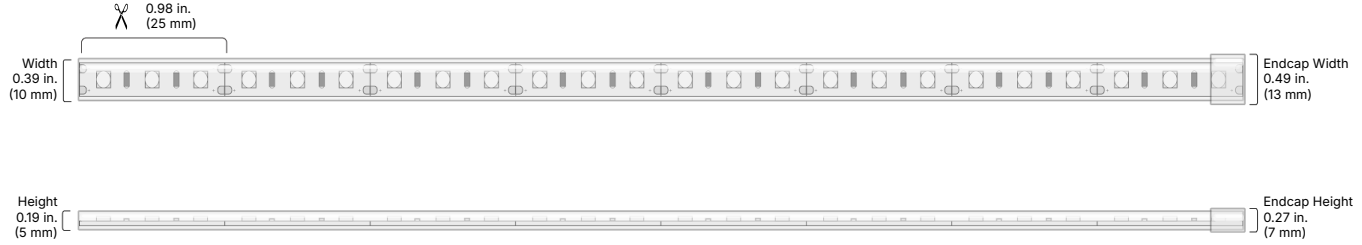
	12V-BLBSC1	12V-BLBSC2	24V-BLBSC1	24V-BLBSC2	24V-BLBSC3
Voltage	12VDC	12VDC	24VDC	24VDC	24VDC
Wattage	1.46W/ft.	2.93W/ft.	1.46W/ft.	2.93W/ft.	4.5W/ft.
Cut Points	1.96 in.	0.98 in.	3.93 in.	1.96 in.	1.96 in.
Max Run (ft.)	27 ft.	20 ft.	55 ft.	40 ft.	22 ft.
LED Chips	18/ft.	36/ft.	18/ft.	36/ft.	36/ft.
2200K	-	-	98 Lm/ft.	196 Lm/ft.	243 Lm/ft.
2700K	107 Lm/ft.	206 Lm/ft.	106 Lm/ft.	209 Lm/ft.	337 Lm/ft.
3000K	116 Lm/ft.	221 Lm/ft.	114 Lm/ft.	226 Lm/ft.	287 Lm/ft.
4000K	-	-	110 Lm/ft.	220 Lm/ft.	324 Lm/ft.
5000K	-	-	114 Lm/ft.	224 Lm/ft.	329 Lm/ft.

MECHANICAL DIAGRAMS

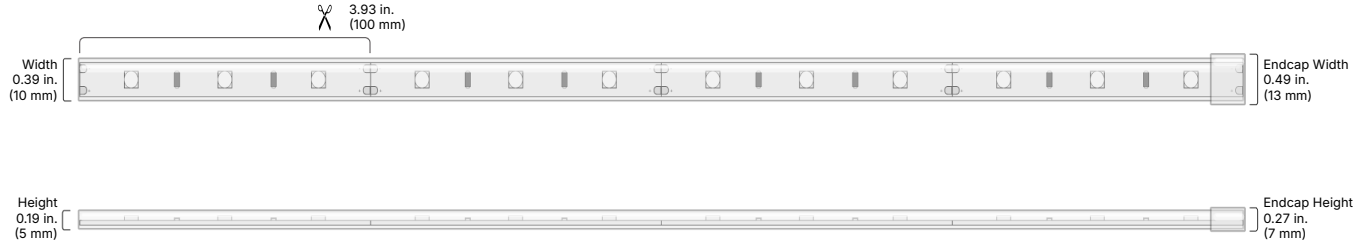
12V-BLBSC1



12V-BLBSC2

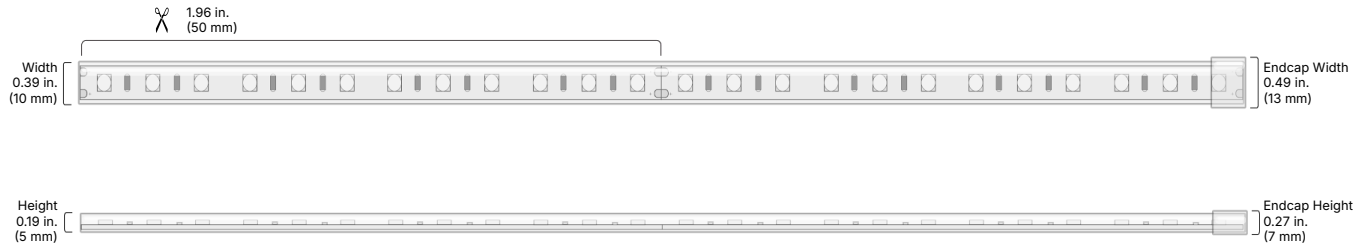


24V-BLBSC1

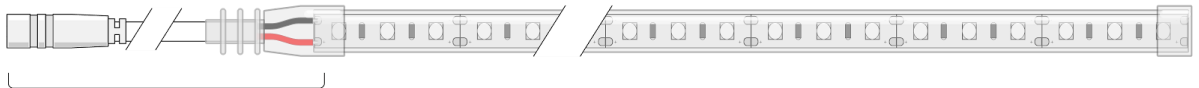


24V-BLBSC2

24V-BLBSC3



CONNECTIONS

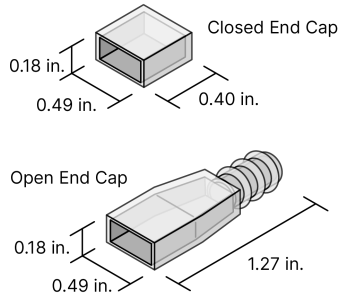


36 Wet Location Connector 20/2 AWG UL 2464 Wire with Strain Relief

ACCESSORIES

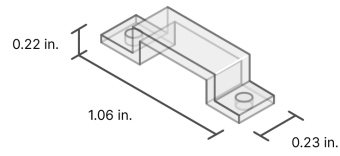
DI-WL-EC

BLAZE Wet Location Strip Light End Cap Set, 5-pack, 5 open and 5 closed



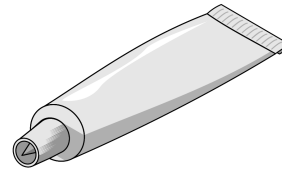
DI-0754

Wet Location Strip Light Mounting Clips - Set of 10



DI-WPSL

Wet Location Sealant



DELIVERY OPTIONS

- Field Assembly**
 Fastest order fulfillment. Field connectors and accessories not included.
- Factory + Field (Hybrid)**
 Onsite modifications with factory connection. Additional accessories not included.
- Factory Assembly**
 Fastest Installation. Factory made-to-order fixtures.



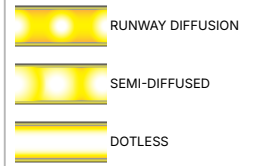
RECOMMENDED CHANNELS

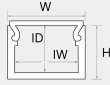
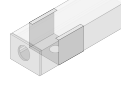
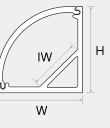
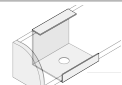
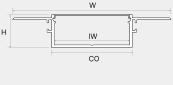
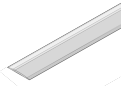
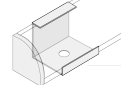
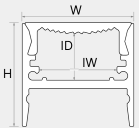
For additional information visit:

<https://www.diodeled.com/products/channels.html>

- S2
- S45
- A1
- 20MM ROUND
- 20MM SQUARE

- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- SCONCE



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
S2 Channel DI-CHB-S2 (S2) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/beoyQV		48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws 96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	• Soldered Lead Only	Classic Frosted Lens BLBSC1: Runway Diffusion BLBSC2, BLBSC3: Semi-Diffused	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 S2 Clip: 0.63 x 0.84 in. (H x W)
S45 Channel DI-CHB-S45 (S45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/beoyQb		48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws 96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	• Soldered Lead Only	Classic Frosted Lens BLBSC1: Runway Diffusion BLBSC2, BLBSC3: Semi-Diffused	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 U-Clip: 0.79 x 0.79 in. (H x W)
MUD-IN 2 IN. Channel DI-CPCHB-MUD2 (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwpY		96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	• Soldered Lead Only	Opal Lens BLBSC1: Semi-Diffused BLBSC2, BLBSC3: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Opal Lens • Light Loss: • CCT Shift:	 Recessed Mount: 0.8 x 3.86 in. (H x W)
20MM ROUND Channel DI-CPCHB-RC20 (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwtJ		48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	• Soldered Lead Only	Classic Frosted Lens BLBSC1: Semi-Diffused BLBSC2, BLBSC3: Dotless	• Beam Angle: 180° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 U-Clip: 1.19 x 1.19 in. (H x W)
A1 Channel DI-CHB-A1 (A1) 48", 90" Aluminum, White, Black https://qrco.de/bf6mfJ		48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 90 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted	• Soldered Lead Only	Architectural Frosted Lens BLBSC1: Runway Diffusion BLBSC2, BLBSC3: Semi-Diffused	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Frosted Lens • Light Loss: • CCT Shift:	 U-Clip: 0.82 x 0.88 in. (H x W)



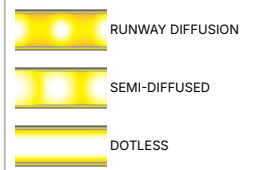
RECOMMENDED CHANNELS

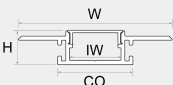
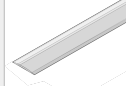
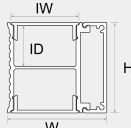
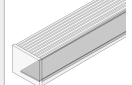
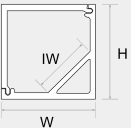
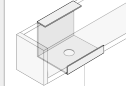
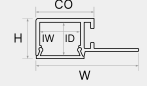
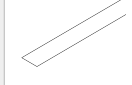
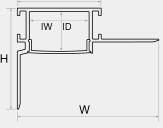
For additional information visit:

<https://www.diodeled.com/products/channels.html>

- S2
- S45
- A1
- 20MM ROUND
- 20MM SQUARE

- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- SCONCE



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
MUD-IN 1 IN. Channel DI-CPCHB-MUD1 (M11) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwnz	Height (H): 0.54 in. Width (W): 2.42 in. Interior Depth (ID): 0.44 in. Interior Width (IW): 0.81 in. Recessed Wing (RW): 1.19 in. 	96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed. 96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Opal Lens BLBSC1: Semi-Diffused BLBSC2, BLBSC3: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift: Opal Lens • Light Loss: • CCT Shift:	 Recessed Mount: 0.54 x 2.42 in. (H x W)
SCONCE Channel DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlweq	Height (H): 1.1 in. Width (W): 1.21 in. Interior Depth (ID): 0.53 in. Interior Width (IW): 0.84 in. 	48 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed. 96 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed.	• Soldered Lead Only	Classic Frosted Lens BLBSC1: Semi-Diffused BLBSC2, BLBSC3: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 3M Adhesive: 1.2 x 1.21 in. (H x W)
20MM SQUARE Channel DI-CPCHB-SQC20 (SQ20) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwjN	Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in. 	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	• Soldered Lead Only	Classic Frosted Lens BLBSC1: Semi-Diffused BLBSC2, BLBSC3: Dotless	• Beam Angle: 180° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 U-Clip: 1.19 x 1.19 in. (H x W)
MUD-IN SINGLE FLANGE Channel DI-CPCHB-MUD1-SF (MUD1-SF) 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bfmbS	Height (H): 0.57 in. Width (W): 1.47 in. Interior Depth (ID): 0.46 in. Interior Width (IW): 0.57 in. Recessed Wing (RW): 0.84 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens BLBSC1, BLBSC2, BLBSC3: Semi-Diffused	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 Recessed Mount: 0.57 x 1.47 in. (H x W)
MUD-IN 1 IN. WALL REVEAL Channel DI-CPCHB-MUD1-WREV (MUD1-WREV) 96" Aluminum https://qrco.de/bfmbSN	Height (H): 1.37 in. Width (W): 1.93 in. Interior Depth (ID): 0.51 in. Interior Width (IW): 0.79 in. Recessed Wing (RW): 1.16 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens BLBSC1, BLBSC2, BLBSC3: Semi-Diffused	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: • CCT Shift:	 Recessed Mount: 1.37 x 1.93 in. (H x W)

RECOMMENDED POWER SUPPLIES

For additional Power Supply information, refer to individual Specification Sheet data at diodeled.com.

- OMNIDRIVE X
- MIKRODIM
- MAGNETIC DIMMABLE DRIVER
- SWITCHEX+ R1
- OMNIDRIVE BASICS
- OMNIDRIVE
- COMMERCIAL GRADE ADAPTER - PLUG IN
- LUTRON
- MEANWELL
- 0-10V



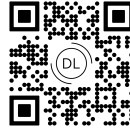
OMNIDRIVE® X DIMMABLE DRIVER

For additional information visit:

<https://www.diodeled.com/omnidrive-reg-x-electronic-and-0-10v-dimmable-driver.html>

Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODX-12V30W	Class 2, Dimmable 6.1 x 2.1 x 0.8 in.	100-277VAC, 50/60Hz	12V / 30W	None
DI-ODX-12V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	12V / 30W	None
DI-ODX-12V60W	Class 2, Dimmable 7 x 2.4 x 1 in.	100-277VAC, 50/60Hz	12V / 60W	None
DI-ODX-12V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	12V / 60W	None
DI-ODX-12V100W-J	Dimmable 8.66 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	12V / 100W	None
DI-ODX-12V120W-J	Dimmable 8.66 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	12V / 120W	None
DI-ODX-12V200W-J	Dimmable 10.24 x 4.13 x 1.77 in.	100-277VAC, 50/60Hz	12V / 200W	None
DI-ODX-24V30W	Class 2, Dimmable 6.1 x 2.1 x 0.8 in.	100-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	24V / 30W	None
DI-AWNAUX-ODX-24V30W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	100-277V	24V / 30W	None
DI-AWN-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	100-277V	24V / 30W	None
DI-ODX-24V60W	Class 2, Dimmable 7 x 2.4 x 1 in.	100-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	100-277VAC, 50/60Hz	24V / 60W	None
DI-AWNAUX-ODX-24V60W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	100-277V	24V / 60W	None
DI-AWN-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	100-277V	24V / 60W	None



MIKRODIM™ ELECTRONIC DIMMABLE DRIVER

For additional information visit:

<https://www.diodeled.com/mikro-dim-2794.html>

Compact, dimmable power supply with no minimum load.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-MKD-12V60W	Class 2 3.05 x 1.36 x 1.03 in.	120VAC	12V / 60W	None
DI-MKD60W-12-LPMKD	Class 2 4.34 x 4.25 x 1.48 in.	120VAC	12V / 60W	None
DI-MKD-24V60W	Class 2 3.05 x 1.36 x 1.03 in.	120VAC	24V / 60W	None
DI-MKD60W-24-LPMKD	Class 2 4.34 x 4.25 x 1.48 in.	120VAC	24V / 60W	None

RECOMMENDED POWER SUPPLIES

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- OMNIDRIVE X
- MIKRODIM
- MAGNETIC DIMMABLE DRIVER
- SWITCHEX® R1
- OMNIDRIVE BASICS
- OMNIDRIVE
- COMMERCIAL GRADE ADAPTER - PLUG IN
- LUTRON
- MEANWELL
- 0-10V



MAGNETIC DIMMABLE DRIVER

For additional information visit:
<https://www.diodeled.com/magnetic-dimmable-drivers.html>

All-purpose dimmable driver for everyday tape light projects.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-MLV-12V20W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	12V / 16W	4W
DI-MLV-12V40W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	12V / 32W	8W
DI-MLV-12V60W	Class 2, Dimmable 6.8 x 3.1 x 2.9 in.	120VAC	12V / 48W	12W
DI-MLV-12V100W	Dimmable 6.8 x 3.1 x 2.9 in.	120VAC	12V / 80W	20W
DI-MLV-12V150W	Dimmable 9.9 x 3.1 x 2.8 in.	120VAC	12V / 120W	30W
DI-MLV-24V20W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	24V / 16W	4W
DI-MLV-24V40W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	24V / 32W	8W
DI-MLV-24V60W	Class 2, Dimmable 6.8 x 3.1 x 2.9 in.	120VAC	24V / 48W	12W
DI-MLV-24V96W	Class 2, Dimmable 6.8 x 3.1 x 2.9 in.	120VAC	24V / 77W	20W
DI-MLV-24V150W	Dimmable 9.9 x 3.1 x 2.8 in.	120VAC	24V / 120W	30W
DI-MLV-24V192W-MT	Class 2, Dimmable 9.8 x 3.2 x 4.2 in.	120VAC	24V / 154W	39W



SWITCHEX®+ R1 DRIVER & DIMMER SWITCH

For additional information visit:
<https://info.diodeled.com/switchex+>

Revolutionize your low-voltage LED lighting setup with SWITCHEX®+ R1, a patented innovation that seamlessly merges a low-voltage power supply with a dimmer switch into one compact solution.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-SXR1-12V40W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	12V / 40W	Recommended: 5% Minimum
DI-SXR1-12V60W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	12V / 60W	Recommended: 5% Minimum
DI-SXR1-24V60W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 60W	Recommended: 5% Minimum
DI-SXR1-24V96W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 96W	Recommended: 5% Minimum

RECOMMENDED CONTROLLERS

For additional Controller information, refer to individual Specification Sheet data at diodeled.com.



CASAMBI® CONTROLLERS

For additional information visit:
<https://www.diodeled.com/casambi-controllers-3020.html>

The CASAMBI controllers will remotely control your lighting through the app - downloadable for IOS & Android.



TOUCHDIAL™ CONTROL SYSTEMS

For additional information visit:
<https://www.diodeled.com/touchdial-wifi-color-control-system.html>

The TOUCHDIAL™ zone control system controls single color dimming, tunable white, and color changing LED lighting via mobile device and additional TOUCHDIAL controls.

CERTIFICATIONS

Safety

- UL Listed 2108 Low Voltage Lighting System / Low Voltage Luminaire. UL 1598 / CSA 250.0-08, UL 8750. UL 879 / CAN/CSA-C22.2 no. 207-M89. Certified for United States and Canada. File # E469770.
- UL Listed Field Cuttable.
- UL Recognized Component - Sign Accessories. Available in UL Sign Components Manual (SAM Manual). File # E469770.
- CE & EMC Compliant: Verification No. GZEM141200683705V

Environment

- Ambient Temperature: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temperature: -4 ~ 176°F (-20 ~ 80°C)
- RoHS Compliant: Verification No. CANEC1610091501

Performance

- Can be used to comply with TITLE 24 Part 6 High Efficacy Lighting LED requirements - JA8-2016-2022-E
- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

Safety / Warnings / Disclosures

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
4. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
5. Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.
6. Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.
7. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
8. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
9. Do not install indoor LED tape light products in outdoor / wet location environments. Only wet location tape light models are rated for outdoor / wet locations.
10. Do not modify product beyond instructions or warranty will be void.
11. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
12. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
13. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

WARRANTY

Limited Warranty

- 7 Year Limited Warranty

This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at www.diodeled.com/limited-warranty/ within the Policies section. For warranty related questions please contact product support.

Consumer's Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.

- Lumen value measured in accordance to IES LM-79-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.
- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
- Operating temperature is measured according to the minimum and maximum ambient temperature environment.