

BLAZE™ LED Tape Light

Performance and value for everyday projects. Our most popular tape light, available in a wide range of color temperatures and outputs.

Date _____

Project Notes _____



24 VDC

12 VDC



JA8 TITLE 24

FEATURES

- 90+ CRI
- 12V and 24V
- Can comply with Title 24 Part 6 JA8 requirements
- 100/200/300 lumen outputs
- 3M™ adhesive backing
- 10 Year Limited Warranty



ORDERING CODES

Order spools, and components for field assembly

HYBRID ORDERING CODE (OPTIONAL)

Soldered Wire Lead and Connection Options

DI	Voltage	Model	CCT		Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
						Color & Type	Length	Connection	Color & Type	Length	Connection
	12V (12V Volt)	BLBSC1	20 (2000K)	35 (3500K)	016 (16 feet)	WH (White CL2 - Default) BL (Black CL2) SV (Silver Plenum - Bare Lead only)	36l (36 in. - Default) _ in.	BW (Bare Wire - Default) DC (Barrel) MIC (Interconnect)	*blank* (No Wire - Default)		
	24V (24V Volt)	BLBSC2	22 (2200K)	40 (4000K)	100 (100 feet)				WH (White CL2)	_ in.	BW (Bare Wire - Default)
		BLBSC3	24 (2400K)	50 (5000K)	400 (400 feet)				BL (Black CL2)		DC (Barrel)
			27 (2700K)	63 (6300K)	CSTM_ (_in.)				SV (Silver Plenum - Bare Lead only)	MIC (Interconnect)	
			30 (3000K)								

GENERAL SPECIFICATIONS (ALL MODELS)

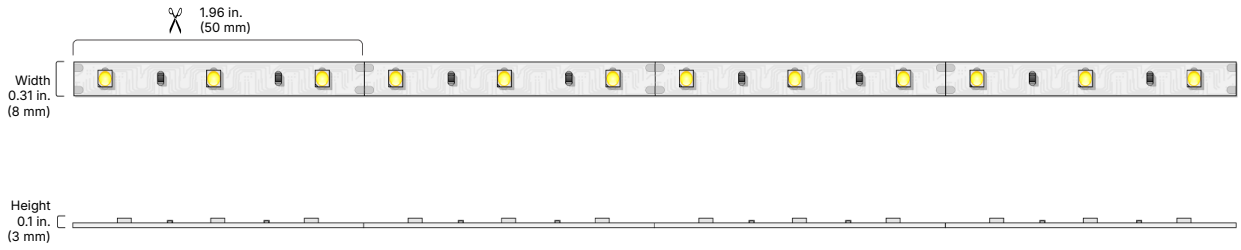
Dimmable	Yes
CRI	90+
Dimensions	0.31 x 0.1 in. (W x H)
TM-21 (LM-80)	>50,000 hours
Included Accessories	2x White Tape-to-Wire Terminal Blocks (DI-TB-CONN-TTW-1)
Environment	Indoor / Damp Location (IP20)
Lead Wire A	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
Chip Type	2835
Certification	UL Listed 2108
Limited Warranty	10 Year Limited Warranty

DETAILED SPECIFICATIONS

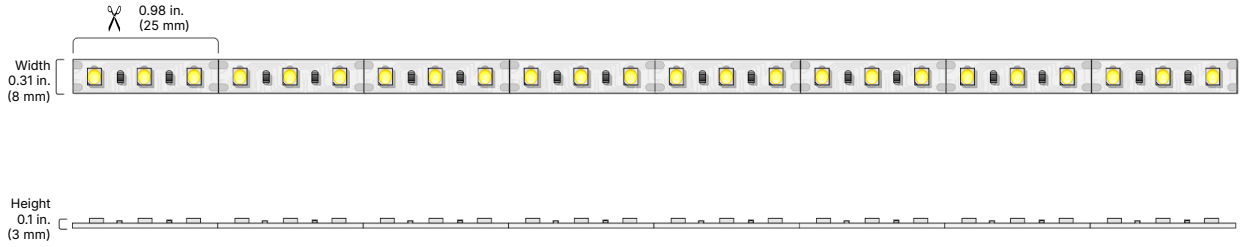
	24V-BLBSC1	24V-BLBSC2	24V-BLBSC3	12V-BLBSC1	12V-BLBSC2
Lumen Series	100	200	300	100	200
Voltage	24VDC	24VDC	24VDC	12VDC	12VDC
Wattage	1.46W/ft.	2.93W/ft.	4.5W/ft.	1.46W/ft.	2.93W/ft.
Cut Points	3.93 in.	1.96 in.	1.96 in.	1.96 in.	0.98 in.
Max Run (ft.)	55 ft.	40 ft.	22 ft.	27 ft.	20 ft.
LED Chips	18/ft.	36/ft.	36/ft.	18/ft.	36/ft.
2000K	90 Lm/ft.	191 Lm/ft.	290 Lm/ft.	-	-
2200K	94 Lm/ft.	195 Lm/ft.	294 Lm/ft.	-	-
2400K	105 Lm/ft.	206 Lm/ft.	298 Lm/ft.	-	-
2700K	113 Lm/ft.	233 Lm/ft.	338 Lm/ft.	117 Lm/ft.	212 Lm/ft.
3000K	117 Lm/ft.	237 Lm/ft.	344 Lm/ft.	121 Lm/ft.	221 Lm/ft.
3500K	126 Lm/ft.	249 Lm/ft.	329 Lm/ft.	117 Lm/ft.	236 Lm/ft.
4000K	131 Lm/ft.	260 Lm/ft.	341 Lm/ft.	129 Lm/ft.	249 Lm/ft.
5000K	132 Lm/ft.	261 Lm/ft.	338 Lm/ft.	130 Lm/ft.	256 Lm/ft.
6300K	-	276 Lm/ft.	341 Lm/ft.	-	272 Lm/ft.

MECHANICAL DIAGRAMS

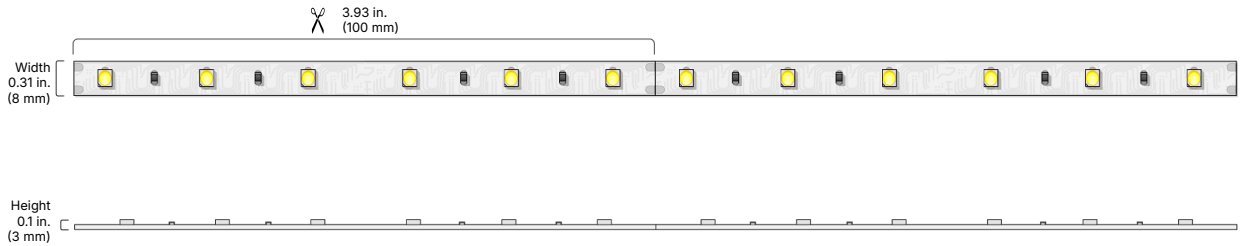
12V-BLBSC1



12V-BLBSC2

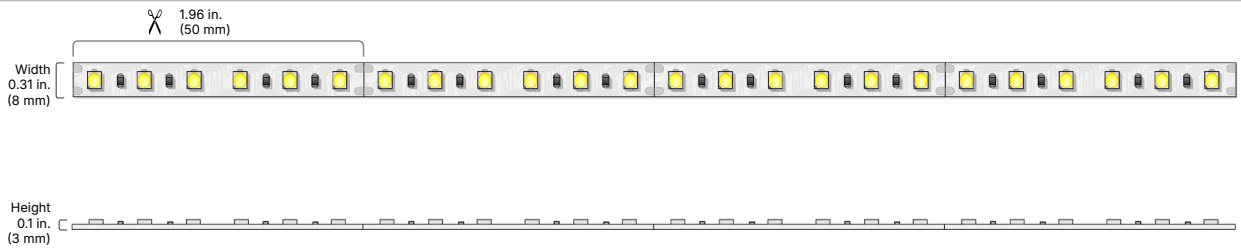


24V-BLBSC1

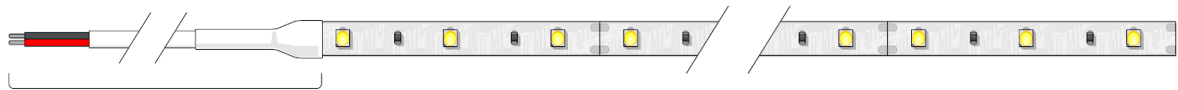


24V-BLBSC2

24V-BLBSC3



CONNECTIONS

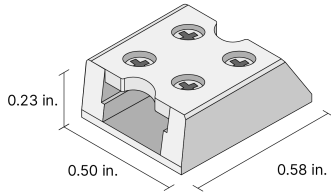


36 Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief

ACCESSORIES

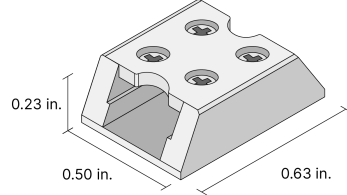
DI-TB8-CONN-TTW

Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Wire



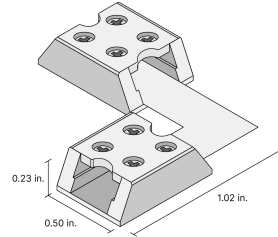
DI-TB8-CONN-TTT

Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Tape



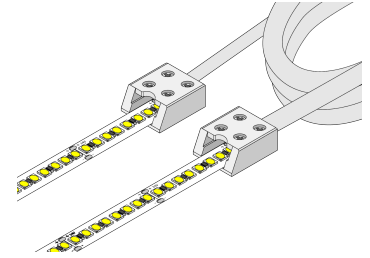
DI-TB8-90-TTT

Tape Light 90 Degree Corner Connector With Attached 8mm Tape-to-Tape Terminal Blocks



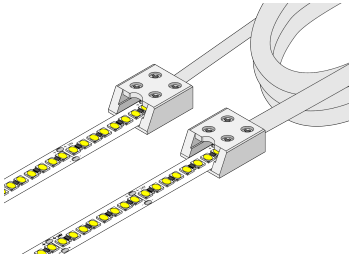
DI-TB8-6JPR-TTT

Tape Light Terminal Block, 8mm, Jumper Cable (Tape to Tape), 6 in. 20 AWG Wire Lead, White



DI-TB8-60JPR-TTT

Tape Light Terminal Block, 8mm, Jumper Cable (Tape to Tape), 60 in. 20 AWG Wire Lead, White



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 24V POWER SUPPLIES

For additional 24V 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

24V OMNIDRIVE® X DIMMABLE DRIVER

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



For additional information visit:

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

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODX-24V120W-J	Dimmable 8.66 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 120W	None
DI-ODX-24V200W-J	Dimmable 10.24 x 4.13 x 1.77 in.	120-277VAC, 50/60Hz	24V / 200W	None
DI-ODX-24V30W	Class 2, Dimmable 6.1 x 2.1 x 0.8 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V60W	Class 2, Dimmable 7 x 2.4 x 1 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V96W	Class 2, Dimmable 9 x 2.7 x 1.7 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-AWNAUX-ODX-24V96W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 96W	None
DI-AWNAUX-ODX-24V60W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 60W	None
DI-AWNAUX-ODX-24V30W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 30W	None
DI-AWN-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277V	24V / 96W	None
DI-AWN-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277V	24V / 60W	None
DI-AWN-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277V	24V / 30W	None

24V MIKRODIM™ ELECTRONIC DIMMABLE DRIVER

Compact, dimmable power supply with no minimum load.



For additional information visit:

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

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
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

24V MAGNETIC DIMMABLE DRIVER

All-purpose dimmable driver for everyday tape light projects.



For additional information visit:

<https://www.diodeled.com/magnetic-dimmable-drivers.html>

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
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
DI-MLV-24V200W	Dimmable 9.8 x 3.2 x 4.2 in.	120VAC	24V / 160W	40W
DI-MLV-24V20W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	24V / 16W	4W
DI-MLV-24V300W	Dimmable 9.8 x 3.5 x 4.2 in.	120VAC	24V / 240W	60W
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

RECOMMENDED 24V POWER SUPPLIES

For additional 24V 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

24V SWITCHEX®+ R1 DRIVER & DIMMER SWITCH

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.

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



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
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

24V LUTRON® HI-LUME DIMMABLE LED DRIVER

High-performance dimming on Lutron control systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-DM-24V40W-L3D	Class 2, Dimmable 4.89 x 4 x 2.62 in.	100-277VAC 50/60Hz	24V / 40W	See Dimmer Switch Specifications

24V OMNIDRIVE® BASICS ELECTRONIC DIMMABLE DRIVER

Compact electronic dimmable (ELV) driver for everyday projects.

For additional information visit:
<https://www.diodeled.com/omnidrive-basics-3348.html>



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODBELV-24V60W	Class 2, Dimmable 4.2 x 1.75 x 0.96 in.	120V AC 50/60Hz, 0.5A	24V / 60W	None
DI-ODBELV-24V60W-LPELV	Class 2, Dimmable 5.5 x 4.7 x 1.91 in.	120V AC 50/60Hz, 0.5A	24V / 60W	None
DI-ODBELV-24V96W	Class 2, Dimmable 4.37 x 1.5 x 1.9 in.	120V AC 50/60Hz, 0.83A	24V / 96W	None
DI-ODBELV-24V96W-LPS	Class 2, Dimmable 11.25 x 3.75 x 1.9 in.	120V AC 50/60Hz, 0.83A	24V / 96W	None

24V MEANWELL CONSTANT VOLTAGE DRIVER

Drivers for on/off or PWM dimming applications.

For additional information visit:
<https://www.diodeled.com/mean-well-driver.html>



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-0954	Class 2 7.87 x 2.78 x 1.38 in.	90 ~ 295VAC / 47 ~ 63Hz	24V / 96W	None
DI-0954-LPL	Class 2 11.25 x 3.75 x 1.9 in.	90 ~ 295VAC / 47 ~ 63Hz	24V / 96W	None
DI-0954-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 295VAC / 47 ~ 63Hz	24V / 96W	None
DI-0970	Class 2 5.83 x 1.57 x 1.18 in.	90 ~ 264VAC / 47 ~ 63Hz	24V / 35W	None
DI-0970-LPS	Class 2 11.25 x 3.75 x 1.9 in.	90 ~ 264VAC / 47 ~ 63Hz	24V / 35W	None
DI-0970-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 264VAC / 47 ~ 63Hz	24V / 35W	None
DI-CV-24V150W	Not Class 2 7.52 x 2.5 x 1.48 in.	90 ~ 132VAC / 47 ~ 63Hz	24V / 150W	None
DI-CV-24V200W	Not Class 2 8.46 x 4.53 x 1.18 in.	88 ~ 264VAC, 47 ~ 60Hz	24V / 200W	None
DI-CV-24V330W	Not Class 2 8.5 x 4.13 x 1.61 in.	85 ~ 264VAC / 47 ~ 63Hz	24V / 330W	None
DI-CV-24V60W-OWA	Class 2 5.1 x 2.1 x 1.4 in.	90 ~ 264VAC 127 ~ 370VAC	24V / 60W	None
DI-CV-24V90W-OWA	Class 2 6.75 x 2.5 x 1.5 in.	90 ~ 264VAC 127 ~ 370VAC	24V / 90W	None
DI-CV-MW24V60W-277	Class 2 5.9 x 2.1 x 1.4 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-CV-MW24V60W-277-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-CV-MW24V60W-277-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-CV-MW24V90W-277	Class 2 6.8 x 2.5 x 1.5 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-CV-MW24V90W-277-LPL	Class 2 13.5 x 4.5 x 2.38 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-CV-MW24V90W-277-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-CV-24V150W-277	Not Class 2 9 x 2.67 x 1.5 in.	120 ~ 277VAC 50/60Hz	24V / 150W / 6.3A	None
DI-CV-24V240W-277	Not Class 2 9.61 x 2.67 x 1.53 in.	120 ~ 277VAC 50/60Hz	24V / 240W / 10A	None
DI-CV-24V320W-277	Not Class 2 9.92 x 3.54 x 1.72 in.	120 ~ 277VAC 50/60Hz	24V / 320W / 13.34A	None
DI-CV-24V480W-277	Not Class 2 10.31 x 4.92 x 1.72 in.	120 ~ 277VAC 50/60Hz	24V / 480W / 20A	None
DI-CV-24V600W-277	Not Class 2 11.02 x 5.67 x 1.9 in.	120 ~ 277VAC 50/60Hz	24V / 600W / 25A	None

RECOMMENDED 12V POWER SUPPLIES

For additional 12V 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

12V OMNIDRIVE® X DIMMABLE DRIVER

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



For additional information visit:

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

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

12V MIKRODIM™ ELECTRONIC DIMMABLE DRIVER

Compact, dimmable power supply with no minimum load.



For additional information visit:

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

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

12V LUTRON® HI-LUME DIMMABLE LED DRIVER

High-performance dimming on Lutron control systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-DM-12V40W-L3D	Class 2, Dimmable 4.89 x 4 x 2.62 in.	100-277VAC 50/60Hz	12V / 40W	See Dimmer Switch Specifications

12V MAGNETIC DIMMABLE DRIVER

All-purpose dimmable driver for everyday tape light projects.



For additional information visit:

<https://www.diodeled.com/magnetic-dimmable-drivers.html>

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
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-12V200W	Dimmable 9.8 x 3 x 3 in.	120VAC	12V / 160W	40W
DI-MLV-12V20W	Class 2, Dimmable 6.4 x 2.8 x 2.6 in.	120VAC	12V / 16W	4W
DI-MLV-12V300W	Dimmable 9.8 x 3.5 x 4.2 in.	120VAC	12V / 240W	60W
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

12V SWITCHEX®+ R1 DRIVER & DIMMER SWITCH

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.



For additional information visit:

<https://info.diodeled.com/switchex+>

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

RECOMMENDED 12V POWER SUPPLIES

For additional 12V 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

12V MEANWELL CONSTANT VOLTAGE DRIVER

Drivers for on/off or PWM dimming applications.



For additional information visit:

<https://www.diodeled.com/mean-well-driver.html>

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-0904	Class 2 4.65 x 1.38 x 1.2 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 20W	None
DI-0904-LPS	Class 2 11.25 x 3.75 x 1.9 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 20W	None
DI-0904-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 20W	None
DI-0906	Class 2 6.4 x 1.67 x 1.26 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 60W	None
DI-0906-LPS	Class 2 11.25 x 3.75 x 1.9 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 60W	None
DI-0906-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 264VAC 47 ~ 63Hz	12V / 60W	None
DI-0908	Not Class 2 8.3 x 3.9 x 2 in.	85 ~ 264VAC 47 ~ 63Hz	12V / 150W	None
DI-0909	Not Class 2 8.3 x 3.9 x 2 in.	85 ~ 264VAC 50/60Hz	12V / 200W	None
DI-0918	Class 2 5.83 x 1.57 x 1.18 in.	90 ~ 264VAC / 47 ~ 63Hz	12V / 35W	None
DI-0918-LPS	Class 2 11.25 x 3.75 x 1.9 in.	90 ~ 264VAC / 47 ~ 63Hz	12V / 35W	None
DI-0918-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 264VAC / 47 ~ 63Hz	12V / 35W	None
DI-0928	Not Class 2 8.5 x 4.13 x 1.61 in.	85 ~ 264VAC / 47 ~ 63Hz	12V / 300W	None
DI-0939	Class 2 3.07 x 2.01 x 1.1 in.	88 ~ 264VAC / 47 ~ 63Hz	12V / 25W	None
DI-0941	Class 2 3.54 x 1.57 x 1.14 in.	90 ~ 264VAC / 47 ~ 63Hz	12V / 12W	None
DI-CV-12V120W	Not Class 2 7.52 x 2.5 x 1.48 in.	90 ~ 132VAC / 47 ~ 63Hz	12V / 120W	None
DI-CV-MW12V40W-277	Class 2 5.9 x 2.1 x 1.4 in.	120 ~ 277VAC 50/60Hz	12V / 40W	None
DI-CV-MW12V40W-277-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 ~ 277VAC 50/60Hz	12V / 40W	None
DI-CV-MW12V40W-277-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	12V / 40W	None
DI-CV-MW12V60W-277	Class 2 5.9 x 2.1 x 1.4 in.	120 ~ 277VAC 50/60Hz	12V / 60W	None
DI-CV-MW12V60W-277-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 ~ 277VAC 50/60Hz	12V / 60W	None
DI-CV-MW12V60W-277-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	12V / 60W	None
DI-DV-12V60W-277-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	100 ~ 277VAC, 50/60Hz	12V / 60W	None

RECOMMENDED CONTROLLERS

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

CASAMBI® CONTROLLERS

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



For additional information visit:

<https://www.diodeled.com/casambi-controllers-3020.html>

SKU	DESCRIPTION
CBU-A2D	CASAMBI A2D 2 Channel 0-10V/DALI Controller
CBU-ASR	CASAMBI ASR 0-10V Controller
CBU-PWM4	CASAMBI PWM4 Single Color Dimming Controller

TOUCHDIAL™ CONTROL SYSTEMS

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



For additional information visit:

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

SKU	DESCRIPTION
DI-RF-REC-CV-A	TOUCHDIAL Color Control System - WiFi Receiver
DI-RF-REC-CV-SC	TOUCHDIAL Mini Receiver - Single Channel and Zone
DI-RF-REM-DIM-1	TOUCHDIAL Mini Remote - Single Zone
DI-RF-REM-DIM-5	TOUCHDIAL Remote Dimmer 5-Zone Dimmer Control
DI-RF-REM-RGBW-1	TOUCHDIAL Mini Remote RGB(W) - Single Zone
DI-RF-REM-RGBW-4	TOUCHDIAL Color Control System - RGB/RGBW 4-Zone Remote Controller
DI-RF-REM-TW-4	TOUCHDIAL Color Control System - Tunable White 4-Zone Remote Controller
DI-RF-WMT-DIM	TOUCHDIAL Wall Dimmer - Single Zone
DI-RF-WMT-RGBW	TOUCHDIAL RGB(W) Wall Control - Single Zone
DI-RF-WPD-DIM-1	TOUCHDIAL Paddle Dimmer - Single Zone
DI-RF-WPD-DIM-2	TOUCHDIAL Paddle Dimmer - Two Zone
DI-WIFI-RF-TRMS	TOUCHDIAL Color Control System - WiFi Hub
DI-RF-REM-TW3-4	TOUCHDIAL Color Control System, 3-Anchor Tunable White 4-Zone Remote Controller

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 # E469769.
- 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 TITL 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.

LIMITED WARRANTY

- 10 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.