fusion LIGHTING
By Elite Lighting

LB1004-ST

Lumi-PRO/Mini Flex Neon LED Strip Light

FEATURES

The LB1004-ST Mini Flex Neon flexible lighting solution offers an impressive array of features. Boasting an impressive **128 LEDs per foot, this innovative product ensures a consistently smooth and dot-free illumination**, providing a seamless lighting experience.

Its static white colors offer a diverse range of options, spanning from **warm 2200K to cool 6000K, catering to your design preferences.** With each LED meticulously engineered for optimal performance, the **LB1004-ST Mini Flex Neon delivers unparalleled brightness and color,** making it an ideal choice for architectural accent or decorative lighting applications.

- Dotless linear lighting
- Indoor/Damp Location (IP54)
- **90+ CRI**
- Field cuttable every 0.66”
- **Warranty:** 5 years limited warranty

Color Temp.	5.9 W/ft.
2200K	325 lm/ft
2500K	380 lm/ft
2700K	325 lm/ft
3000K	345 lm/ft
3500K	435 lm/ft
4000K	350 lm/ft
5000K	380 lm/ft
6000K	380 lm/ft

WIRING ACCESSORIES / (Tape light comes with 4ft standard length soldered lead attached on one side) Showing Mini Flex Neon without the silicone jacket cover.

TW10-MN
(1 Piece Included)

Power Connector
6” Length

JP10-MN
(1 Piece Included)

Tape-to-Tape Jumper
6” Length

DCM
(1 Piece Included)

Male Connector
12” Length

DCF
(1 Piece Included)

Female Connector
12” Length

SL-2
(Standard SL Attached)

Soldered Lead
4ft standard length
(custom length sizes available)

JPSL-2
(Optional)

Soldered Jumper
6” L jumper
(custom length sizes available)

EC-NPF-LB1004
(2 Pieces Included)

End Cap

EC-PF-LB1004
(2 Pieces Included)

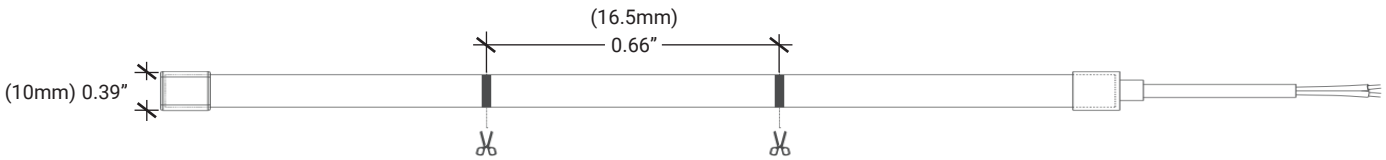
End Cap
Power Feed

TECHNICAL DETAILS

Power	5.9W/ft
Voltage	24V
CRI	90+
LED Qty	128/ft
Max Run(ft)	16ft
Cutting Length	Every 0.66”
Dimensions	W0.39” X H0.16”
Working Temp.	-4F / +122F

Experience **unparalleled** performance with our precision-engineered, high-quality **Lumi-PRO LB1004-ST Neon Linear LED Strip Light,** meticulously designed to meet the demands of the **most challenging applications.**

DIMENSIONS



Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

04/14/24

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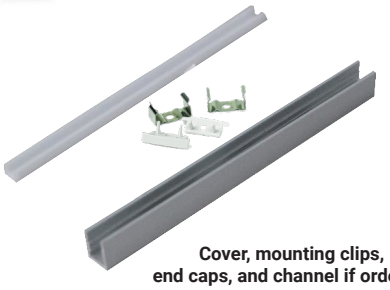
It Can be ordered in 3 different ways.

1. Everything will be shipped separately

- Tape light, cover, extrusion and accessories will be cut and shipped to your desired length.

Tape Light



Cover, mounting clips, end caps, and channel if ordered.

Accessories if ordered.

2. Pre-assembled and shipped separately as two units

- Tape light, cover, extrusion and accessories will be cut and shipped to your desired length.
- Wiring accessories will be attached to the tape light.
- Cover, end caps and clips will be assembled to the channel.

Wiring accessories attached to the tape light.

Channel will be cut and assembled to your desired length.

3. Fully assembled and shipped as a single unit

- Tape light, cover, extrusion and accessories will be cut and shipped to your desired length.
- Wiring accessories will be attached to the tape light.
- Tape light will be installed into the channel and ready to use.

Refer to the next page for **COMPATIBLE** channels.

ORDERING SELECTION

Example: LB1004-ST-6W-16F-30K-24V

LB1004-ST					End 1	End 2		
					Leave END blank when no ACCESSORY is desired			
SERIES	**WATTAGE**	**LENGTH**	**CCT**	**VOLTAGE**	**WIRING ACCESSORIES**		**CHANNEL**	**DRIVER**
LB1004-ST	**6W** - 5.9W/ft	**16F** -16ft / Roll **CUS_** - Custom (Cutting length every 0.66")	**22K** - 2200K **25K** - 2500K **27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **60K** - 6000K	**24V** - 24V	**TW10-MN** - Power Connector **JP10-MN** - Tape to Tape Jumper **DCM** - Wire to Wire Male Connector **DCF** - Wire to Wire Female Connector **SL-2** - Soldered Lead (custom length sizes available) **JPSL-2** - Soldered Jumper (custom length sizes available) **EC-NPF-LB1004** - End Cap Non Power Feed **EC-PF-LB1004** - End Cap Power Feed		**Refer to the next pages for available options.**	**Refer to the next pages for available options.**

CONTROLLERS	SHIPPING OPTIONS
LB-2830A - RF single color controller	**RL** - Rolls 16ft
LB-2833-K5-MONO - RF single color dimmer	**PA** - Pre-Assembled
LED25W-24 - Power supply	**FA** - Fully Assembled
LB-1009EAWI - RF+WiFi receiver	

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COMPATIBLE CHANNELS

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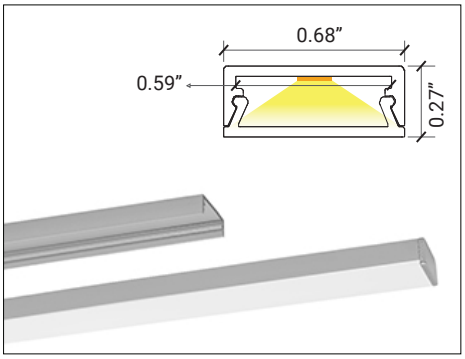
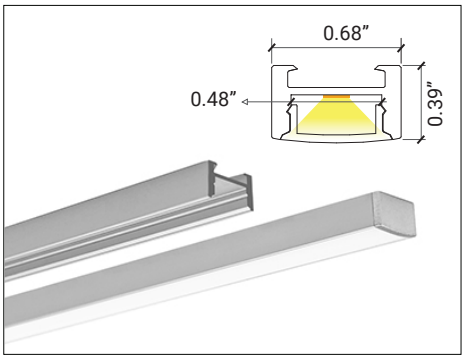


LP-SHC-CM-075/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-CM-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

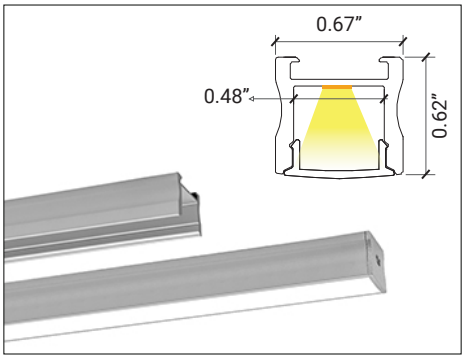


LP-MDC-CM-075/ Surface

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	CLIP	TAPE LIGHT
LP-MDC-CM-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**SC** - Surface Clip **MC** - Magnetic Clip	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

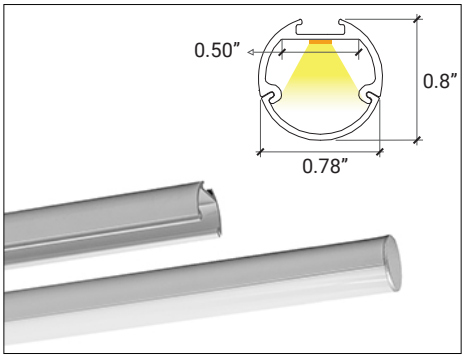


LP-LGC-CM-075/ Surface

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	CLIP	TAPE LIGHT
LP-LGC-CM-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**SC** - Surface Clip **MC** - Magnetic Clip	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-SHC-SC-MG-075/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	CLIP	TAPE LIGHT
LP-SHC-SC-MG-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**RDD** - Rounded Diffuser **RDO** - Rounded Opal[1] **RDT** - Rounded Transparent[1] **RDB** - Rounded Black[1]	**SC** - Surface Clip **MC** - Magnetic Clip	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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COMPATIBLE CHANNELS

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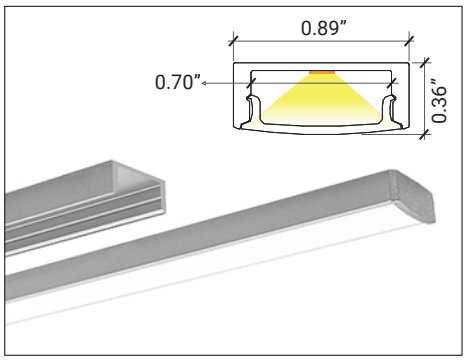
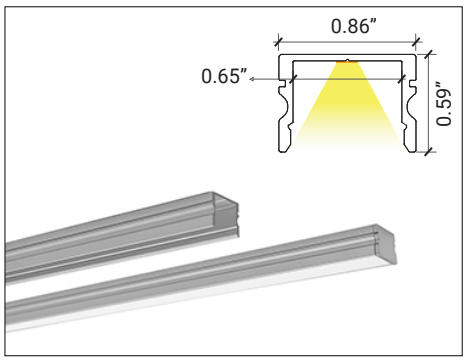


LP-SHC-CM-1/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-CM-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

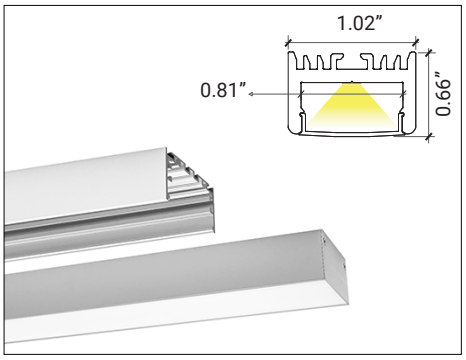
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-CM-1/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-CM-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

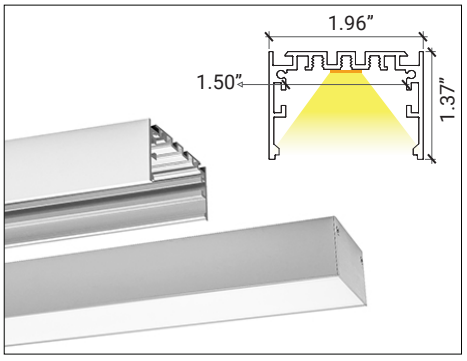
CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-CM-1/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-CM-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-CM-2/ Surface

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-CM-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
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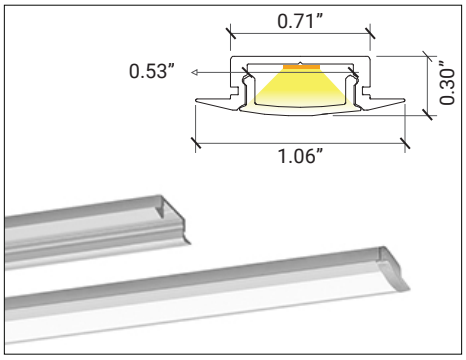
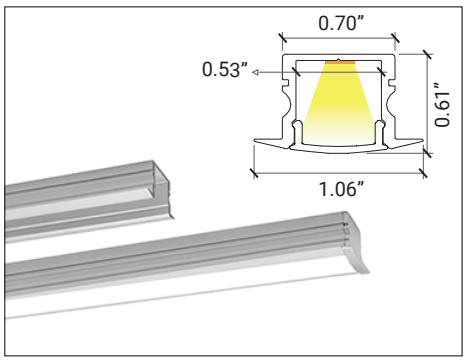


LP-SHC-RFT-075/ Recessed

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-RFT-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-RFT-075/ Recessed

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-RFT-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

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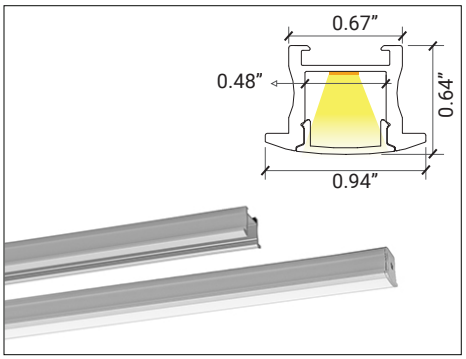

LP-LGC-RFT-075/ Recessed

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	CLIP	TAPE LIGHT
LP-LGC-RFT-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**SC** - Surface Clip **MC** - Magnetic Clip	**INS** - Installed **SEP** - Separated

CHANNEL
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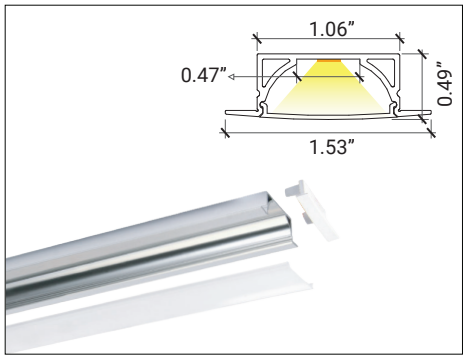

LP-SHC-RFT-1/ Recessed

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-RFT-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

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COMPATIBLE CHANNELS

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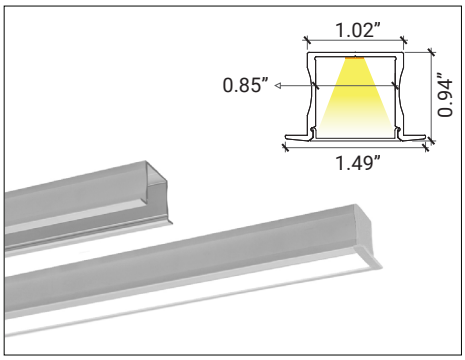

LP-LGC-RFT-1/ Recessed

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-RFT-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

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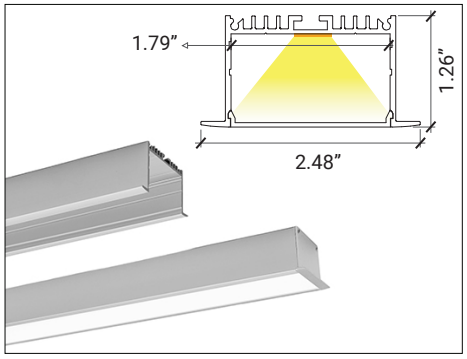
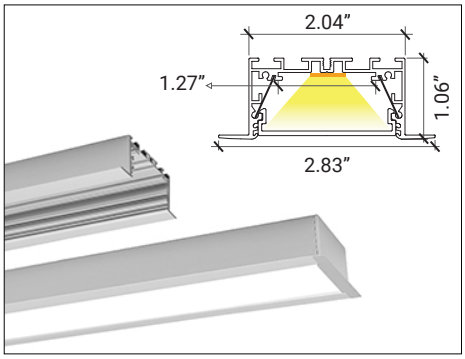


LP-SHC-RFT-2/ Recessed

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-RFT-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-RFT-2/ Recessed
Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-RFT-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

CHANNEL
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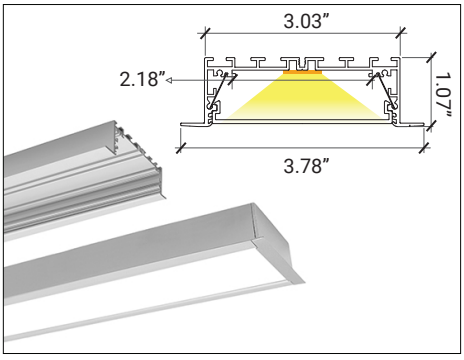

LP-LGC-RFT-2/ Recessed
Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-RFT-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

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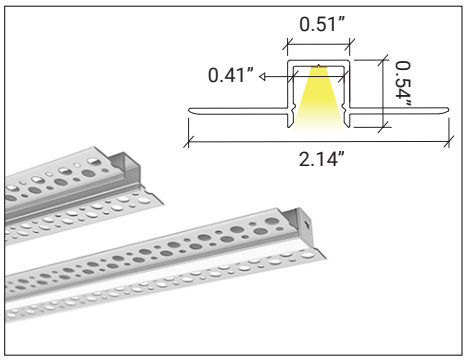
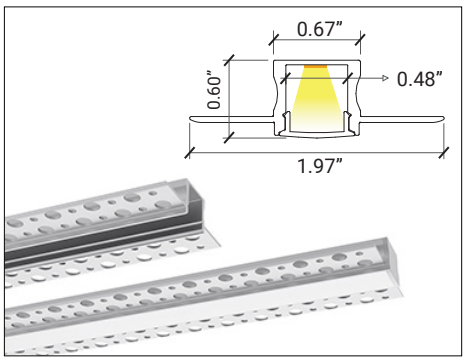


LP-LGC-RTL-050/ Trimless

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-RTL-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

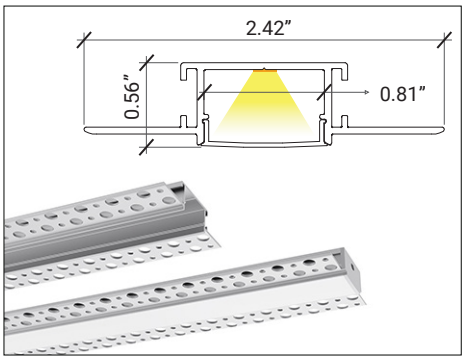
CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-RTL-075/ Trimless

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-RTL-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

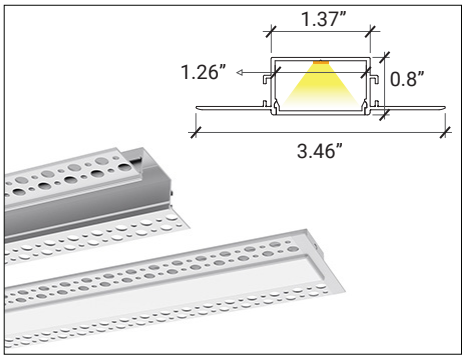
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-RTL-1/ Trimless

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-RTL-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-SHC-RTL-2/ Trimless

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-RTL-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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LB1004-ST

MINI Flex Neon LED Strip Light

COMPATIBLE CHANNELS

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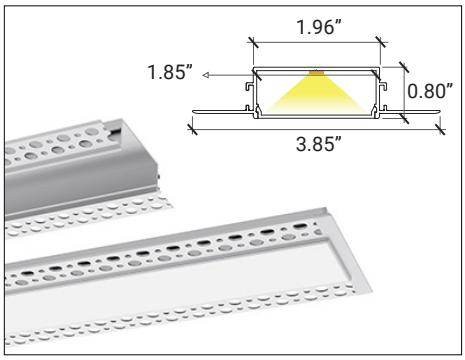
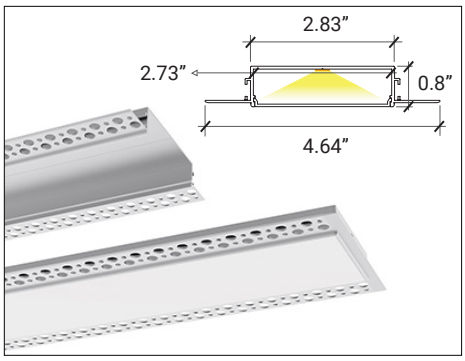


LP-MDC-RTL-2/ Trimless

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-RTL-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

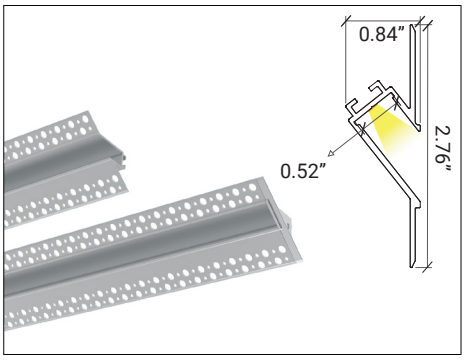


LP-LGC-RTL-2/ Trimless

Accessories Available, please refer to the channel spec sheet.

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-RTL-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

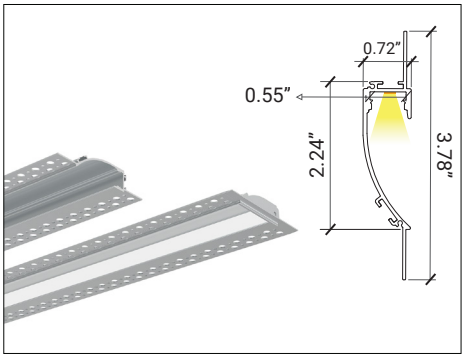
CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-WM-RTL-050/Wall Mount/Trimless

SERIES	EXT. LENGTH	FINISH	TAPE LIGHT
LP-LGC-WM-RTL-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White[1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-WM-RTL-050/Wall Mount/Trimless

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-WM-RTL-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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MINI Flex Neon LED Strip Light

COMPATIBLE CHANNELS

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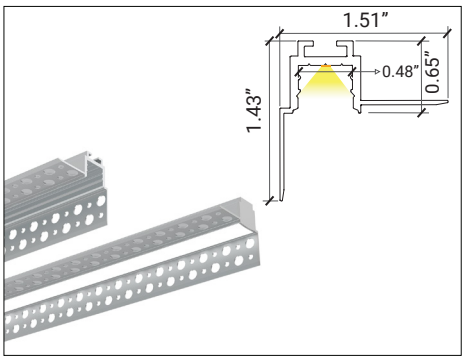
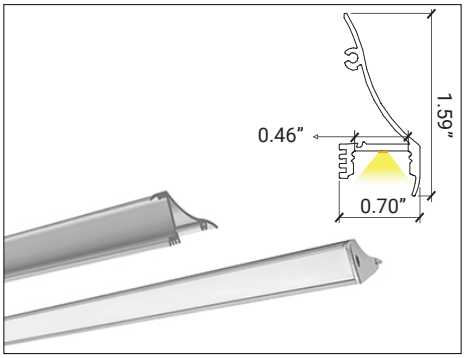


LP-MDC-PR-050/ Wall Mount

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-PR-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

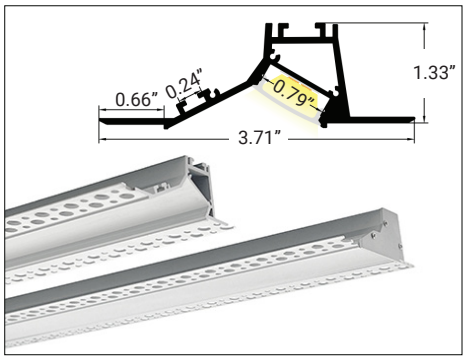
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-WM-CM-050/ Wall Mount

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-WM-CM-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

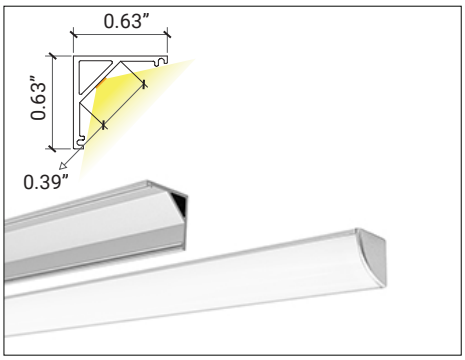
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-WW-RTL-075/ Wall Washer

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-WW-RTL-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-S90-050/ Surface Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-S90-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**90D** - 90° Diffuser **90O** - 90° Opal [1] **90T** - 90° Transparent [1] **90B** - 90° Black [1] **COD** - Corner Diffuser **COP** - Corner Opal [1] **COT** - Corner Transparent [1] **COB** - Corner Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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MINI Flex Neon LED Strip Light

COMPATIBLE CHANNELS

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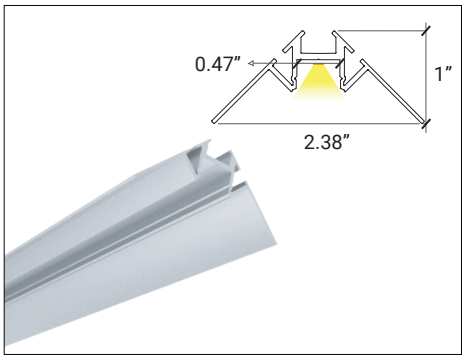
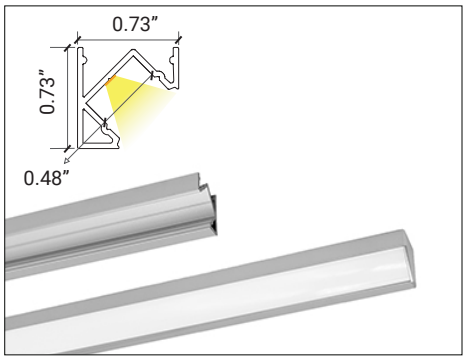


LP-MDC-TLC-050/ Trimless Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-TLC-050	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

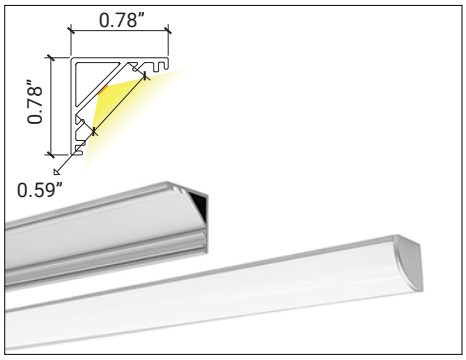
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-S90-075/ Surface Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-S90-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

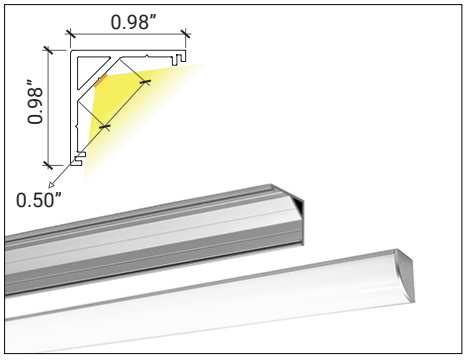
CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-S90-075/ Surface Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-S90-075	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**90D** - 90° Diffuser **90O** - 90° Opal [1] **90T** - 90° Transparent [1] **90B** - 90° Black [1] **COD** - Corner Diffuser **COP** - Corner Opal [1] **COT** - Corner Transparent [1] **COB** - Corner Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-S90-1/ Surface Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-S90-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black [1] **WH** - White [1]	**90D** - 90° Diffuser **90O** - 90° Opal [1] **90T** - 90° Transparent [1] **90B** - 90° Black [1] **COD** - Corner Diffuser **COP** - Corner Opal [1] **COT** - Corner Transparent [1] **COB** - Corner Black [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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LB1004-ST

MINI Flex Neon LED Strip Light

COMPATIBLE CHANNELS

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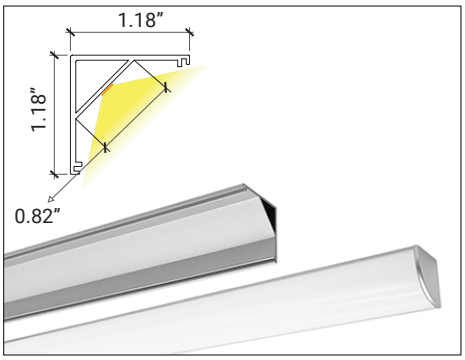
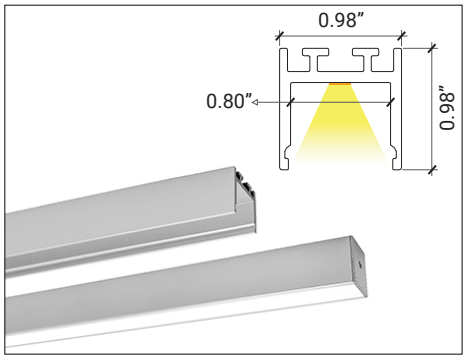


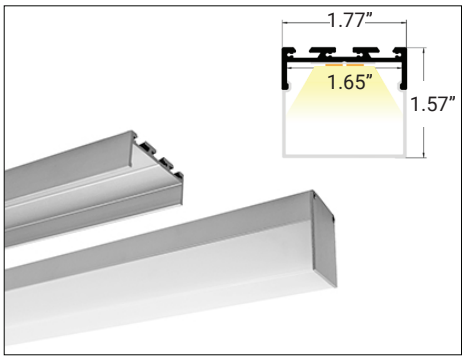
LP-LGC-S90-2/ Surface Corner

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-S90-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**90D** - 90° Diffuser **90O** - 90° Opal [1] **90T** - 90° Transparent [1] **90B** - 90° Black [1] **COD** - Corner Diffuser **COP** - Corner Opal[1] **COT** - Corner Transparent [1] **COB** - Corner Black [1]	**INS** - Installed **SEP** - Separated **CHANNEL** **ASB** - Assembled **SEP** - Separated



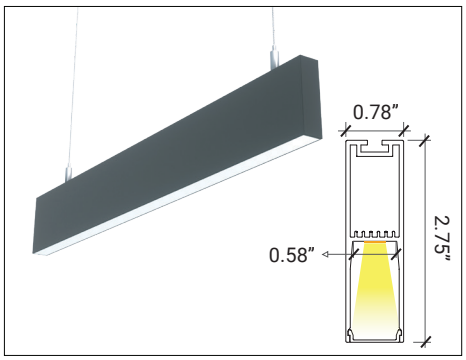
LP-MDC-SPD-1/ Suspended

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	CLIP	TAPE LIGHT
LP-MDC-SPD-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal[1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**PC** - Pendant Cable **SC** - Surface Clip	**INS** - Installed **SEP** - Separated **CHANNEL** **ASB** - Assembled **SEP** - Separated



LP-SHC-SPD-2/ Suspended

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-SHC-SPD-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1] **90D** - 90° Diffuser **90O** - 90° Opal[1] **90T** - 90° Transparent[1] **90B** - 90° Black[1] **TRD** - Triangular Diffuser **TRO** - Triangular Opal[1] **TRT** - Triangular Transparent[1] **TRB** - Triangular Black[1]	**INS** - Installed **SEP** - Separated **CHANNEL** **ASB** - Assembled **SEP** - Separated



LP-MDC-SPD-2/ Suspended

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-SPD-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**BK** - Black **WH** - White	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated **CHANNEL** **ASB** - Assembled **SEP** - Separated

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MINI Flex Neon LED Strip Light

COMPATIBLE CHANNELS

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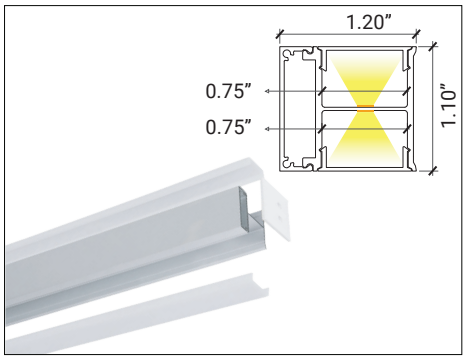
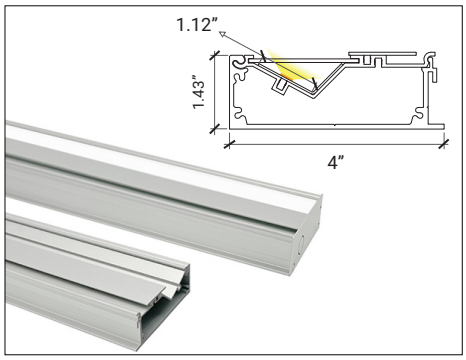


LP-MDC-WM-DI-1/ Surface / Up & Down Light

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-WM-DI-1	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1] **FTB** - Flat Black [1]	**INS** - Installed **SEP** - Separated

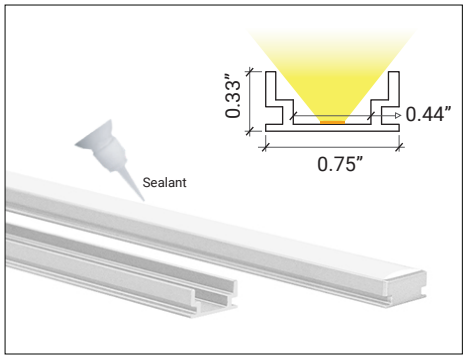
CHANNEL
ASB - Assembled **SEP** - Separated



LP-MDC-WW-RTL-2/ Cove

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-MDC-WW-RTL-2	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent [1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated



LP-LGC-FL-025/ Recessed Floor

SERIES	EXT. LENGTH	FINISH	OPTICAL LENS	TAPE LIGHT
LP-LGC-FL-025	**2** - 2ft **4** - 4ft **8** - 8ft **C** - Custom	**SI** - Silver **BK** - Black[1] **WH** - White[1]	**FTD** - Flat Diffuser **FTO** - Flat Opal [1] **FTT** - Flat Transparent[1] **FTB** - Flat Black[1]	**INS** - Installed **SEP** - Separated

CHANNEL
ASB - Assembled **SEP** - Separated

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Static White / Wall Controller RF

Power Supply

ED-96W-24V-TRIAC-DIM10

ED-192W-24V-TRIAC-DIM10

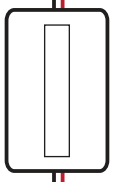
ED-288W-24V-TRIAC-DIM10

LED Receiver

LB-1009EAWi

Input Voltage	12-36 VDC
Output Current	4x8A
Output Power	4X(96-288)W
Dimensions	6.6”X2.3”X1.1”

LB-1009EAWi



Wall Control

WALL CONTROLLER

LB-2830A

Output Signal	RF Signal
Power Supply	12-24 DC

LED25W-24 (Power Supply)
(Optional for wall controller)

Control 4 zones.

LED Tape Light

LB1004-ST

Static White / Wall Dimmer Controller RF

Power Supply

ED-96W-24V-TRIAC-DIM10

ED-192W-24V-TRIAC-DIM10

ED-288W-24V-TRIAC-DIM10

LED Receiver

LB-1009EAWi

Input Voltage	12-36 VDC
Output Current	4x8A
Output Power	4X(96-288)W
Dimensions	6.6”X2.3”X1.1”

LB-1009EAWi

Wall Control

WALL DIMMER CONTROLLER

LB-2833N-K5-MONO

Output Signal	RF Signal
Power Supply	3V (CR2032 battery)

Control 1 zone.

LED Tape Light

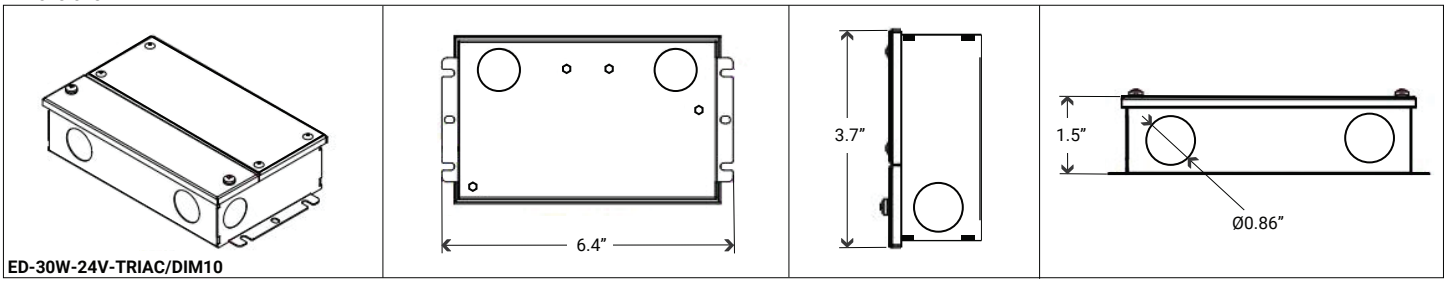
LB1004-ST

Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable

PN: ED-30W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-30W-24V-TRIAC/DIM10	100-277VAC	24V	30W	1.25A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

Dimensions

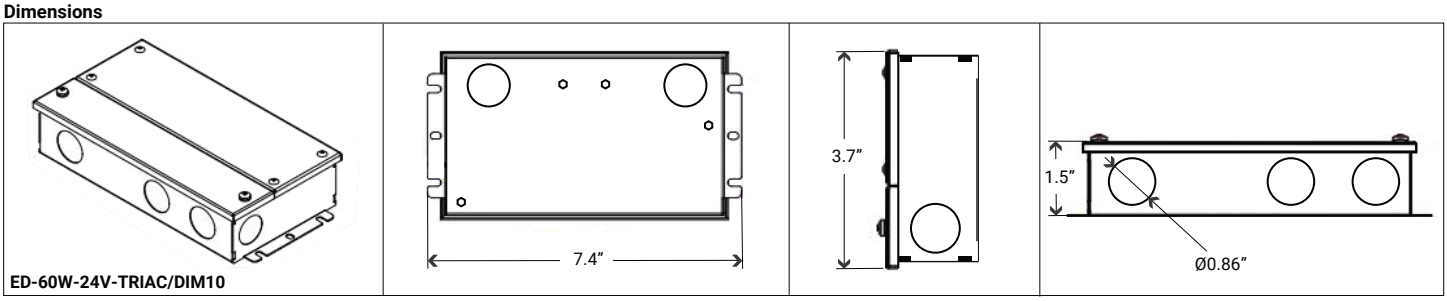


ED-30W-24V-TRIAC/DIM10

PN: ED-60W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-60W-24V-TRIAC/DIM10	100-277VAC	24V	60W	2.5A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

Dimensions

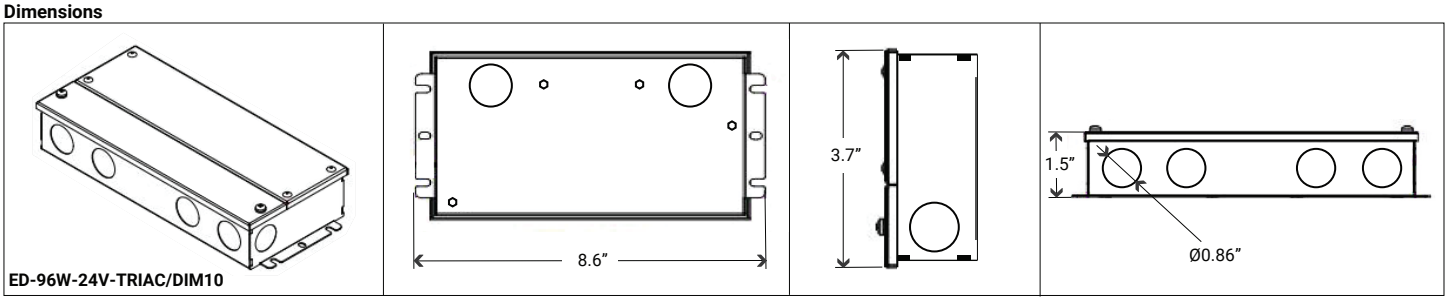


ED-60W-24V-TRIAC/DIM10

PN: ED-96W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-96W-24V-TRIAC/DIM10	100-277VAC	24V	96W	4A	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

Dimensions



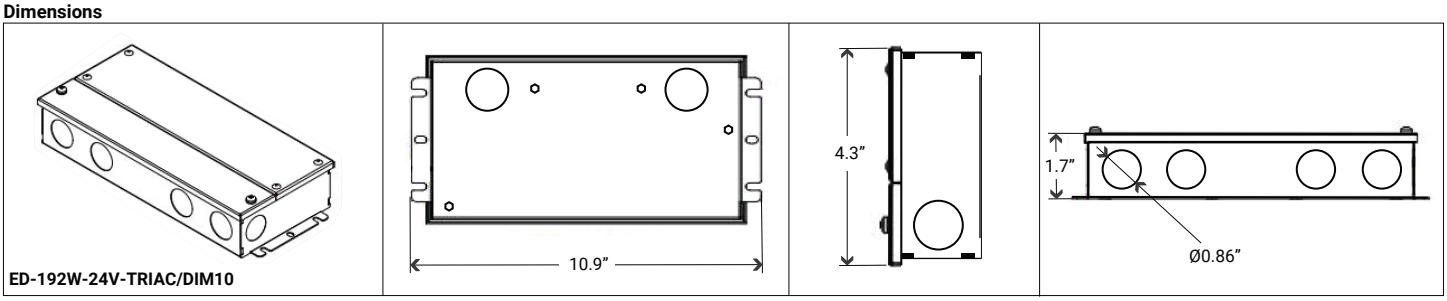
ED-96W-24V-TRIAC/DIM10

Triac-Phase Cut/Triac ELV/0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable

PN: ED-192W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-192W-24V-TRIAC/DIM10	100-277VAC	24V	192W	Multi 2X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

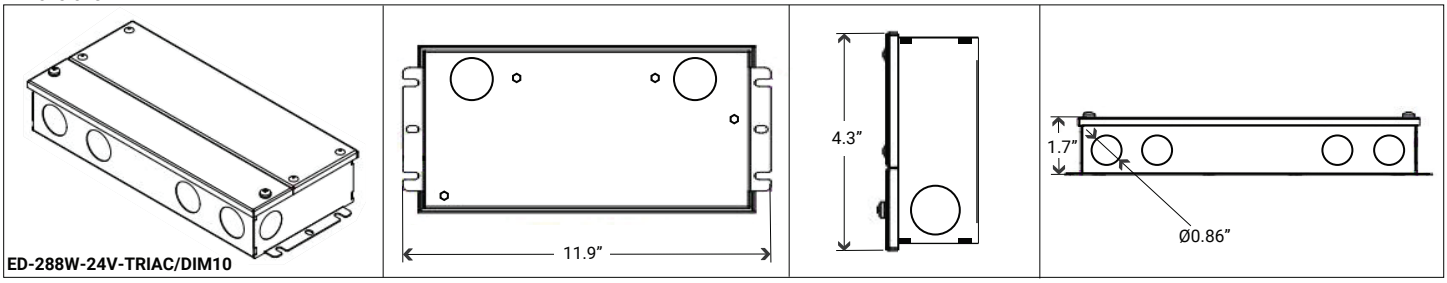
Dimensions



PN: ED-288W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-288W-24V-TRIAC/DIM10	100-277VAC	24V	288W	Multi 3X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, FCC, Class 2, RoHS

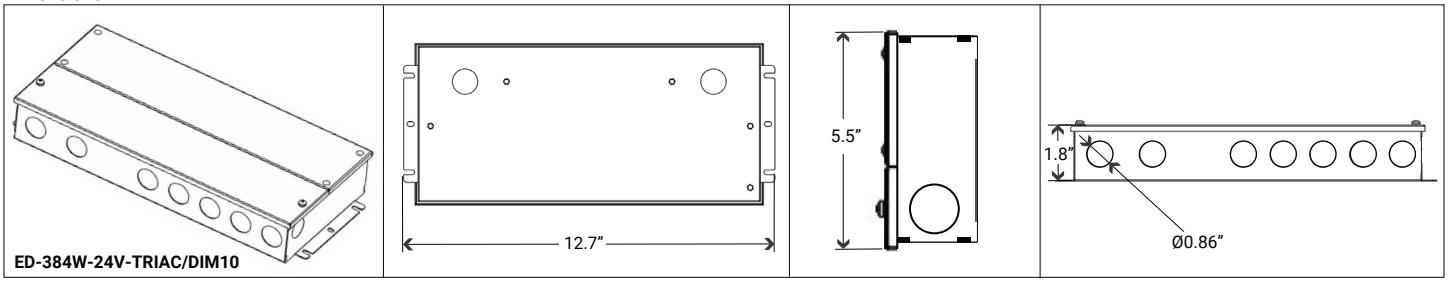
Dimensions



PN: ED-384W-24V-TRIAC/DIM10

Model	Input Voltage	Output Voltage	Wattage	Max. Output current	Frequency	Location	Certificate
ED-384W-24V-TRIAC/DIM10	110-277VAC	24V	384W	Multi 4X96W	50/60Hz	Dry, Damp, and Wet locations	UL, cUL, Class 2, RoHS

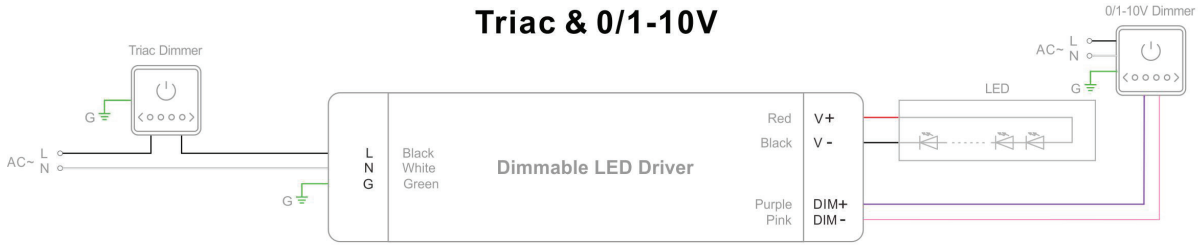
Dimensions



Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

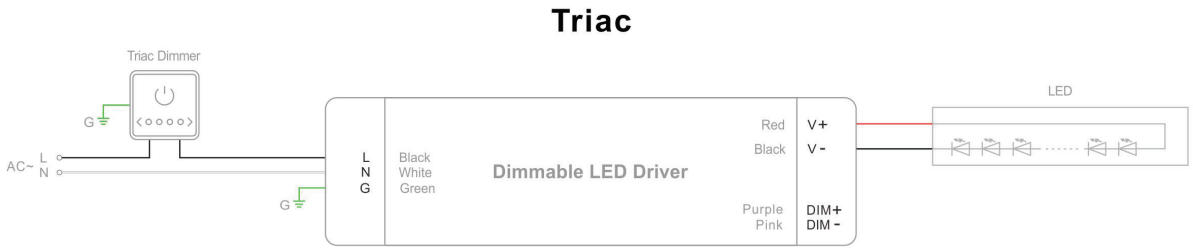
Dimming Operation and Connecting Diagram

- **Using two ways of dimming at the same time,** you must be assured that LED lighting is up to the max. Brightness then you could operate with the other dimming;

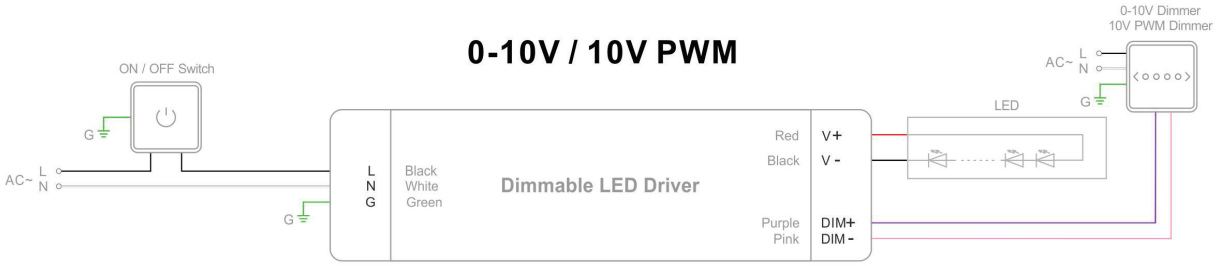


- **Using one dimming ---TRIAC/Phase cut dimming**

1. The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line(L) by connection a phase /Triac dimmer or lighting system.
2. Working with forward phase, MLV and Reverse phase , ELV, TRIAC dimmers or light system.
3. Min. loading is about 10%
4. Please try to use dimmers with power at least 1.5 times as the output power of the driver.



- **Using one dimming ---0-10/ 1-10V/ 10V PWM/ Potentiometer dimming**



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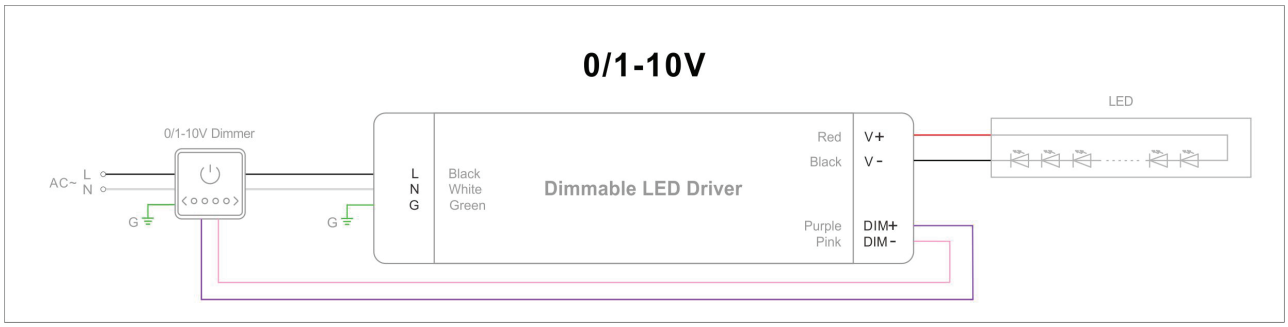
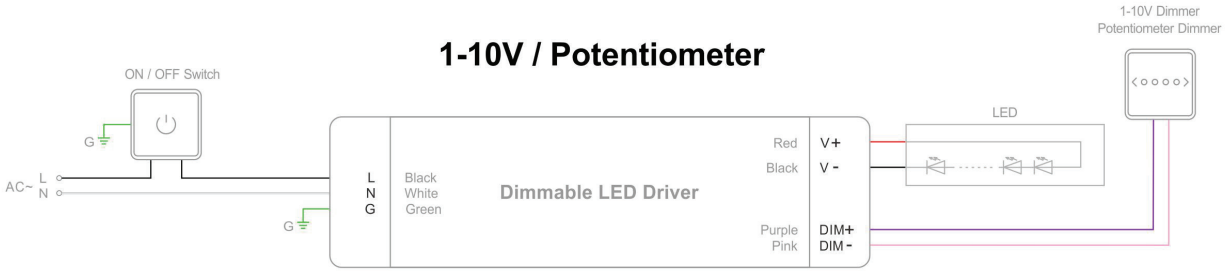
0/1-10V



1-10V / Potentiometer



Triac/Phase cut & 0-10V/1-10V PWM/Potentiometer (5 in 1) Dimmable

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

Constant Voltage TRIAC Dimmable Driver

PN: HBL040-AW-24-DA

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Frequency	Location	Certificate
HBL040-AW-24-DA	120-277VAC	24VDC	40W	1.66A	50/60Hz	Dry or Damp location	ETL, Class 2

TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

PN: HBL060-AW-24-DA

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Frequency	Location	Certificate
HBL060-AW-24-DA	120-277VAC	24VDC	60W	2.5A	50/60Hz	Dry or Damp location	ETL, Class 2

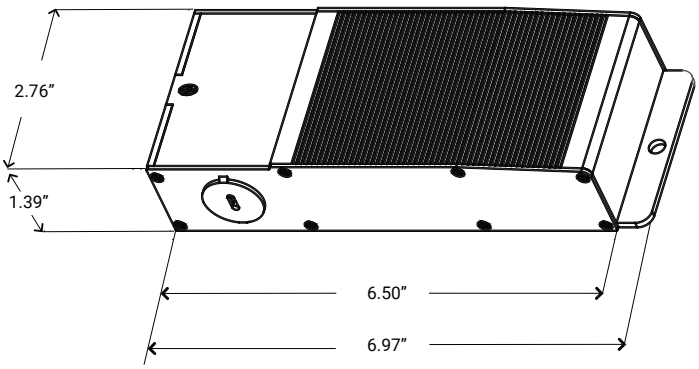
TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

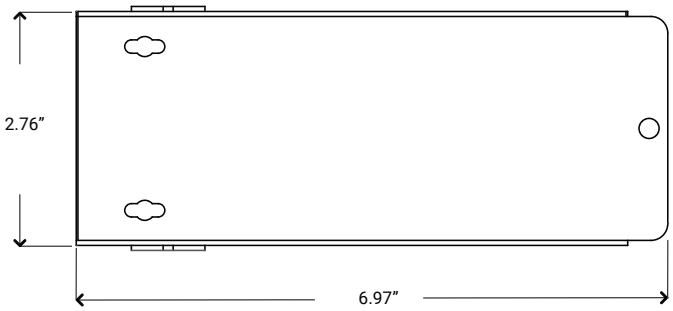
PN:HBL096-AW-24-DA

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Frequency	Location	Certificate
HBL096-AW-24-DA	120-277VAC	24VDC	96W	4A	50/60Hz	Dry or Damp location	ETL, Class 2

TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

DIMENSIONS



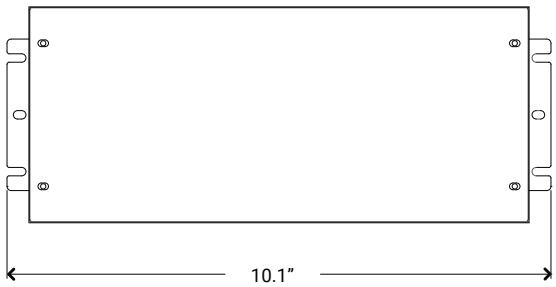


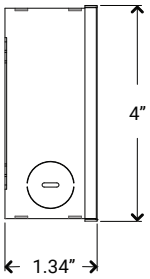
PN:HBL150-AW-24-DI

Model	Input Voltage	Output Voltage	Wattage	Rated Current	Location	Certificate
HBL150-AW-24-DI	120-277VAC	24VDC	150W	6.25A	Dry or Damp location	ETL, Class P

TRIAC Dimming for 120VAC / Non-Dimming for 277VAC

DIMENSIONS





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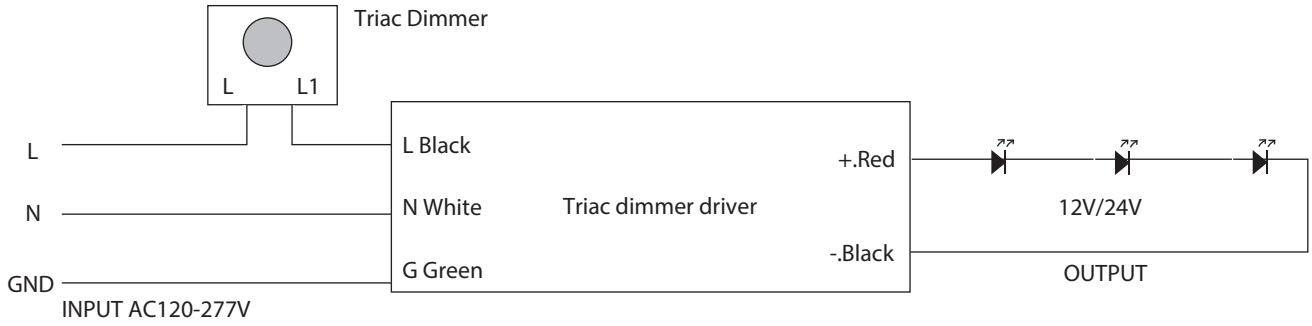
Constant Voltage TRIAC Dimmable Driver

Connecting Diagram



Dimmer Compatible Chart

Brand	Senies	Model	Load	Dimmability
Lutron	Ariadni	AYCL-153P	150W	10%-100%
	Diva	DV-600PR	600W	1%-100%
	Diva	DVCL-153P	150W	10%-100%
	Maestro	MACL-153MH	600W	10%-100%
	Maestro Wireless	MRF2-6CL	150W	10%-100%
	Rotary	D-600P	600W	10%-100%
	Electronic(ELV)	NTELV-300P	600W	10%-100%
	Skylark	S-600P	600W	10%-100%
	Skylark Conytour	CT-600P	600W	1%-100%
	Skylark Conytour	CTCL-153P	150W	10%-100%
	Toggler	TG-600P	600W	10%-100%
	Toggler	TCCL-153P	150W	10%-100%
Leviton	Sureslide	6633	600W	10%-100%
	Sureslide Decora	6674	600W	20%-100%
	Trimatron	6602	600W	20%-100%
	ILLVMATECH	IPL06	600W	1%-100%
Legrand	Adorne	ADTP703TU	700W	20%-100%
	Harmony	H703PTW	700W	10%-100%
Cooper	Aspire	9540	1000W	10%-100%
	Devine	DAL06P	300W	10%-100%

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LB-2830A RF Single Color Controller

- Ultra-sensitive, high-strength glass touch panel features a color line for accurate, fast, and precise brightness control.
- Control 4 different zones separately or synchronously with endless receivers in each zone.
- Save 3 brightness or scenes for each zone.
- 256-level brightness adjustment for each white.
- Receivers can work with WiFi-RF converter after installing “Easylighting” app on IOS and android systems.

Compatible with: LB-1009EAWI

TECHNICAL DETAILS

Output Signal	RF Signal
Power Supply	12-24 VDC
Power Consumption	<20 mA
Operating Temperature	0-40°C / 32°F-104°F
Dimensions	4.7”X2.9”X1.1”
Mounting	Wall Mount
Color	White

Certifications	FCC / RoHS
Zones	4
Frequency	916.5MHz
Surface	Glass
Control	Single Color
Warranty	5 Years limited warranty

LB-2833-K5-MONO Single Color Dimmer

RF wireless Single Color Remote can control 1 zone of receiver. This single color controller is compatible with all universal series RF receivers. **One receiver can be paired with a maximum of 8 remote controllers**. This device contains a button lithium battery that should be stored and disposed of properly. **DO NOT expose the device to moisture.**

Compatible with: LB-1009EAWI

TECHNICAL DETAILS

Output Signal	RF Signal
Power Supply	3V (CR2032 battery)
Operating Temperature	0-40°C / 32°F-104°F
Dimensions	2.5”X1.2”X0.35”
Color	White

Certifications	FCC / RoHS
Zones	Control 1 Zone of receiver
Frequency	916.5MHz
Rated	IP20
Warranty	5 Years limited warranty

Due to the changes of constant improvement in LED technology, all details are subject to change **without notice**. Consult factory for **up to date information**.

LB-1009EAWI RF+WiFi Receiver/LED Controller 4Channels

The RGBW controller LB-1009EAWI is a 12-36 VDC constant voltage RF and WiFi controller with 4 channel output, offering 8A per channel. It is compatible with a variety of RF remotes and apps installed on iOS and Android systems, enabling control of single-color, dual-color LEDs, and RGBW LEDs.

Multiple zones can be controlled separately or synchronously with endless receivers in each zone. Built-in changing patterns are available and can be saved to each zone. The brightness of each R, G, B, W channel can be adjusted separately to achieve millions of changing colors.

Thanks to the built-in WiFi to RF module, a significant advantage of this WiFi controller is its compatibility with RF remotes and apps on iOS and Android systems directly, without the need for a WiFi-RF converter.

A free app is available (Easylighting) from the App Store and Google Play. Simply download it on your iOS or Android device, then search and connect your mobile device WLAN to the WiFi controller network.

TECHNICAL DETAILS

Input Voltage	12-36 VDC	**Frequency**	869.5/916.5/434mhz
Output Current	4x8A	**Certifications**	FCC / RoHS
Output Power	4x(96-288)W	**Color**	White
Dimensions	6.6”X2.3”X1.1”	**Warranty**	5-Years limited warranty

LED25W-24 (Power Supply) Optional for Wall Controller

Total Power: 25 Watts
Input Voltage: 100-277 VAC
UL Dry & Damp Location Rated
IP66
High Efficiency
High Power Factor
Analog Dimming (0-10V)
Black Magic Thermal Advantage, Plastic Housing

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