UL Listed Field Cuttable

UL RATED FOR CLOSET USE

12VDC

24VDC

95+ HIGH CRI

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2016-E

Item # _____

Project _____

		12V-BLX1	12V-BLX2	12V-BLX3	24V-BLX1	24V-BLX2	24V-BLX3
Voltage		12VDC			24VDC		
Wattage		1.54W /ft	3.1W /ft	4.3W /ft	1.54W /ft	3.1W /ft	4.3W /ft
Lumens	**2000K**	N/A			92/ft	181/ft	261/ft
	2400K	110/ft	225/ft	318/ft	114/ft	226/ft	322/ft
	2700K	109/ft	221/ft	305/ft	112/ft	224/ft	318/ft
	3000K	122/ft	247/ft	339/ft	126/ft	253/ft	360/ft
	3500K	126/ft	241/ft	352/ft	131/ft	254/ft	357/ft
	4200K	127/ft	254/ft	349/ft	133/ft	264/ft	365/ft
	5000K	128/ft	262/ft	358/ft	135/ft	264/ft	378/ft
	6300K	121/ft	273/ft	380/ft	123/ft	276/ft	393/ft
Cut Points		2 in.	1 in.	1 in.	4 in.	2 in.	2 in.
Max. Run²		37 ft.	22 ft.	20 ft.	70 ft.	45 ft.	40 ft.
Max. Run² (Class 2)		37 ft.	19 ft.	14 ft.	62 ft.	31 ft.	22ft.
LED Chips		18/ft	36/ft.		18/ft	36/ft.	
Color Temperature		2000K,2400K, 2700K, 3000K, 3500K, 4200K, 5000K, 6300K					
CRI		95+					
Dimmable		Yes					
Dimensions		0.32 x 0.1 in. (W x H)					
Environment³		Indoor / Damp Location					
Certification		UL Listed 2108					
Warranty		12-Year Warranty					

SKU Builder

DI - [ ] - [ ] - [ ] - [ ]

Voltage	Model	Color Temp		Length (in.)	
12V	**BLX1**	**20**	**35**	**Length (in.)**	(Custom)
24V	**BLX2**	**24**	**42**	**SP16**	(Spool)
	BLX3	**27**	**50**	**SP100**	(Spool)
		30	**63**		

Example: DI-12V-BLX3-27-SP16 = Diode LED, 12 Volt, BLAZE™ X, Type 3, 2,700° CCT, 16.4' spool.

Toll Free: 877.817.6028 | Fax: 415.592.1596 | www.DiodeLED.com | info@DiodeLED.com

FULLY LOADED CHANNELS

FULLY LOADED SKU Builder

DI	–	LOADED	–	☐	☐	–	☐	–	☐	–	☐	–	☐	–	☐	–	☐

Channel Type · Channel Color · Voltage · Strip Type · CCT · Lens · Length (In.) · Mounting (Optional)

CHANNEL TYPE		CHANNEL COLOR	VOLTAGE	TYPE	CCT		LENS	MOUNTING
SL*	SCNC	AL	12VDC	BLX1	20	35	CL	**MOUNTING CLIPS (MTC)**
SQ*	45DCO	WH*	24VDC	BLX2	24	42	FR	**VERTICAL MOUNTING CLIPS (VERT)**
45*	90SD	BL*		BLX3	27	50		**ROTATING MOUNTING CLIPS (RTC)**
CA*	DOME				30	63		**TAPE (TP)**
DU*	SQC20							**HANGING HARDWARE (HNG)**
REC	RC20							
SQ10	RC10							
SLR	GR							
RFCTR								

*Black and White Channel Color options only available for (**SL**) Slim, (**SQ**) Square, (**45**) 45 Degree, (**CA**) Canal, & (**DU**) Duo.*

Example: DI-LOADED-SQBL-24V-BLX3-CL-36 = Diode LED, Fully Loaded, Square, Black Channel, 24 Volt, BLAZE™ X 300, Clear Lens, 36 inches , 96" Lead Wire.
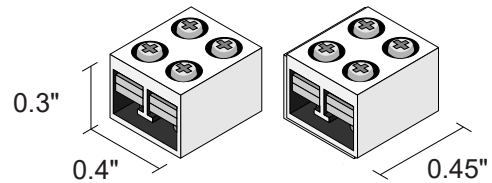
NOTE: Channels are not required for use as a heat sink

MECHANICAL DIAGRAM

TERMINAL BLOCK CONNECTOR *(Tape-to-Wire)*
DI-TB-CONN-TTW

0.3"
0.4"
0.45"
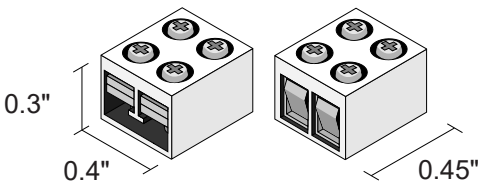
TERMINAL BLOCK CONNECTOR *(Tape-to-Tape)*
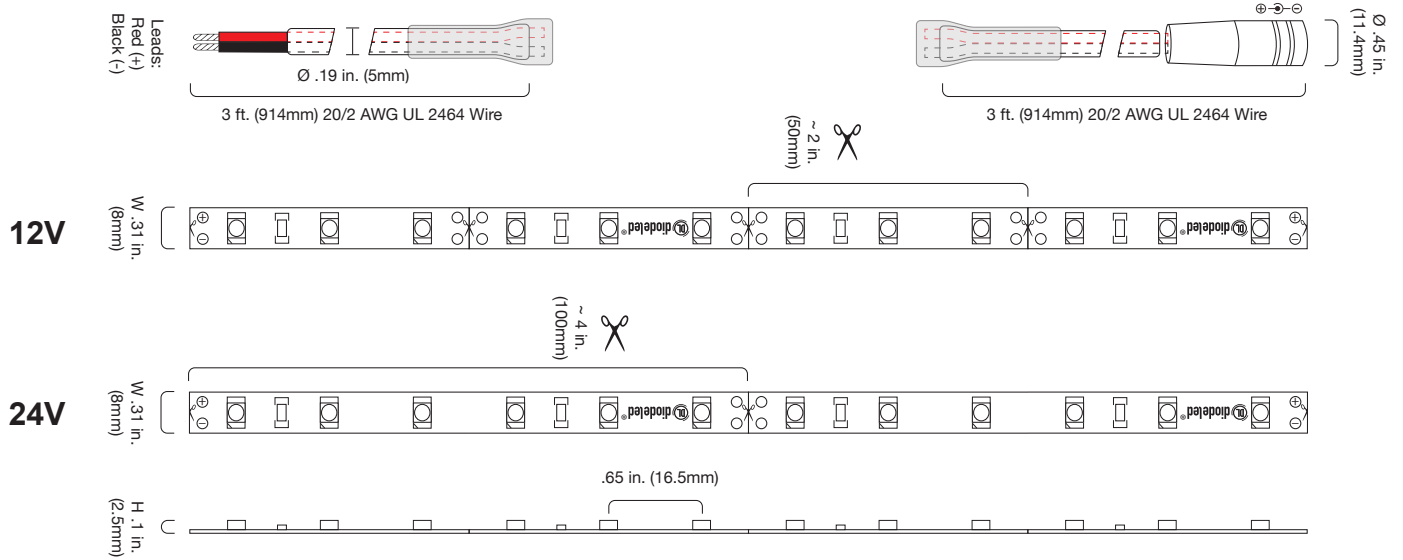DI-TB-CONN-TTT

0.3"
0.4"
0.45"

1. Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
2. 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.
3. 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.
4. 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.
5. Operating temperature is measured according to the minimum and maximum ambient temperature environment.
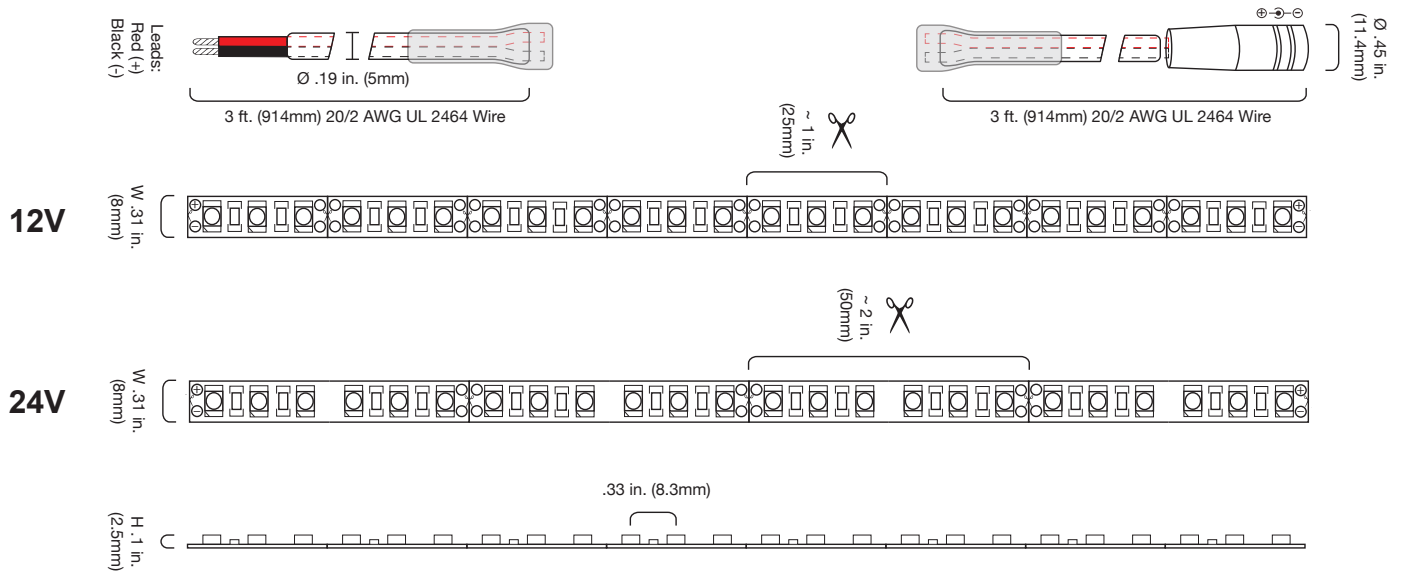
BLAZE™ X 100/200/300 LED Strip Light

MECHANICAL DIAGRAMS

BLAZE™ X 100

Leads:
Red (+)
Black (-)

Ø .19 in. (5mm)

3 ft. (914mm) 20/2 AWG UL 2464 Wire

⊕＋⊖

Ø .45 in.
(11.4mm)

3 ft. (914mm) 20/2 AWG UL 2464 Wire

12V W .31 in. (8mm)

~ 2 in.
(50mm)

diodeled®

24V W .31 in. (8mm)

~ 4 in.
(100mm)

diodeled®

.65 in. (16.5mm)

H .1 in. (2.5mm)

BLAZE™ X 200 & 300

Leads:
Red (+)
Black (-)

Ø .19 in. (5mm)

3 ft. (914mm) 20/2 AWG UL 2464 Wire

⊕＋⊖

Ø .45 in.
(11.4mm)

3 ft. (914mm) 20/2 AWG UL 2464 Wire

12V W .31 in. (8mm)

~ 1 in.
(25mm)

24V W .31 in. (8mm)

~ 2 in.
(50mm)

.33 in. (8.3mm)

H .1 in. (2.5mm)

CHROMAPATH BUILDER CHANNELS

NOTE: Chromapath Builder channel covers are sold separately.

CHROMAPATH® BUILDER
SLIM (SL)

0.67 in.
0.30 in. 0.38 in.
0.82 in.
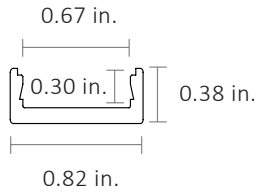
CHANNEL ONLY SKU	FINISH	LENGTH	PRODUCT INCLUDES
DI-CPCHA-SL48**	AL		
DI-CPCHA-SL48W**	WH	48 in.	
DI-CPCHA-SL48B**	BL		Mounting Clips sold
DI-CPCHA-SL96**	AL		separately.
DI-CPCHA-SL96W**	WH	96 in.	
DI-CPCHA-SL96B**	BL		

CHROMAPATH® BUILDER
45º (45)

0.67 in.
0.94 in.
0.32 in.
0.67 in.
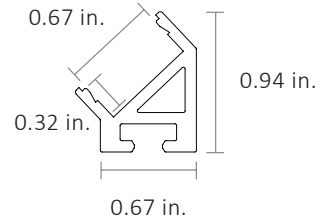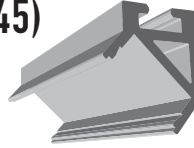
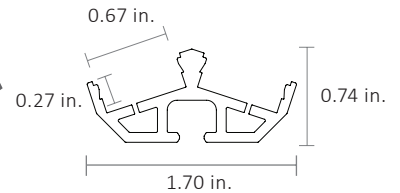| CHANNEL ONLY SKU	FINISH	LENGTH	PRODUCT INCLUDES
DI-CPCHA-4548**	AL		4 Mounting Clips with screws
DI-CPCHA-4548W**	WH	48 in.	and 2 End-to-End Interconnects.
DI-CPCHA-4548B**	BL		
DI-CPCHA-4596**	AL		8 Mounting Clips with screws
DI-CPCHA-4596W**	WH	96 in.	and 4 End-to-End Interconnects.
DI-CPCHA-4596B**	BL		

*** - SKUs listed above are for Single Channels only. Add a -10 for a 10 pack bundle (10 pack will include 10x the amount included accessories)*

CHROMAPATH® BUILDER
SQUARE (SQ)

0.67 in.
0.27 in. 0.55 in.
0.82 in.
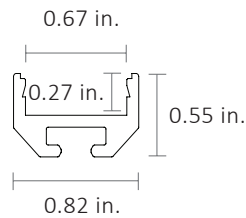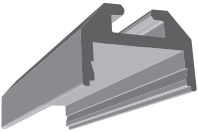
CHANNEL ONLY SKU	FINISH	LENGTH	PRODUCT INCLUDES
DI-CPCHA-SQ48**	AL		4 Mounting Clips with screws
DI-CPCHA-SQ48W**	WH	48 in.	and 2 End-to-End Interconnects.
DI-CPCHA-SQ48B**	BL		
DI-CPCHA-SQ96**	AL		8 Mounting Clips with screws
DI-CPCHA-SQ96W**	WH	96 in.	and 4 End-to-End Interconnects.
DI-CPCHA-SQ96B**	BL		

CHROMAPATH® BUILDER
DUO

0.67 in.
0.27 in. 0.74 in.
1.70 in.

SKU	FINISH	LENGTH	PRODUCT INCLUDES
DI-CPCHA-DU48**	AL		
DI-CPCHA-DU48W**	WH	48 in.	4 Mounting Clips
DI-CPCHA-DU48B**	BL		

*** - SKUs listed above are for Single Channels. Add a -10 for a 10 pack bundle (10 pack will include 10x the amount included accessories)*
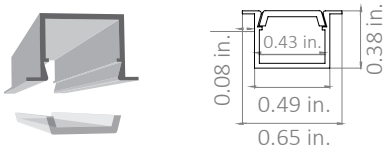
NOTE: Channels are not required for use as a heat sink

CHROMAPATH BUNDLE CHANNELS

NOTE: **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels.
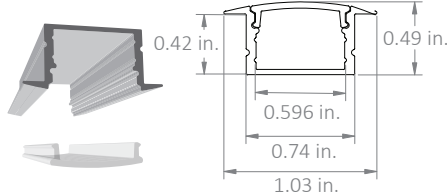
CHROMAPATH® BUNDLE
SLIM RECESSED (SLR)

0.08 in. | 0.43 in. | 0.38 in.
0.49 in.
0.65 in.

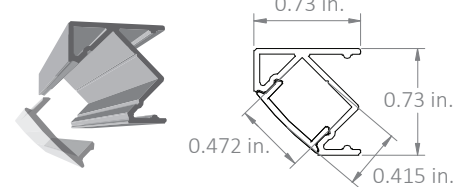| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHA-SLR48 DI-CPCHA-SLR96	• 48 and 96 in. channel & frosted cover • End caps: 1x open square, 1x open round, 1x closed square.

CHROMAPATH® BUNDLE
RECESSED (REC)

0.42 in. | 0.49 in.
0.596 in.
0.74 in.
1.03 in.

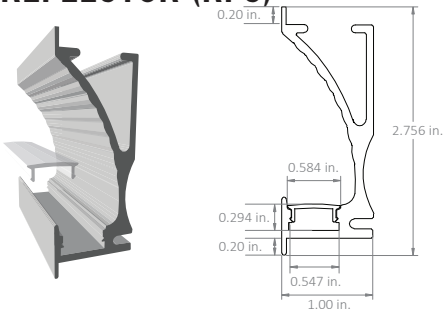| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-REC-48 DI-CPCHB-REC-96	• 48 and 96 in. channel & frosted cover • End caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
45º DECO (45DC)

0.73 in.
0.73 in.
0.472 in.
0.415 in.

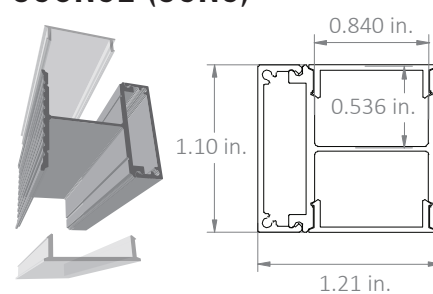| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-45DCO-48 DI-CPCHB-45DCO-96	• 48 & 96 in. channel & frosted cover • End caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
REFLECTOR (RFC)

0.20 in.
2.756 in.
0.584 in.
0.294 in.
0.20 in.
0.547 in.
1.00 in.

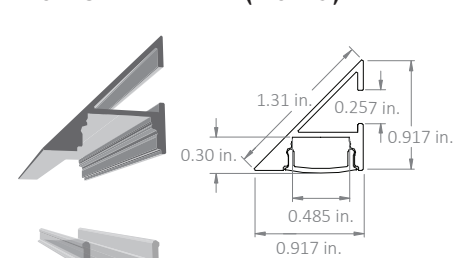| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-RFCTR-48 DI-CPCHB-RFCTR-96	• 48 and 96 in. channel & frosted cover • End caps. 1x open, 1x closed

CHROMAPATH® BUNDLE
SCONCE (SCNC)

0.840 in.
0.536 in.
1.10 in.
1.21 in.

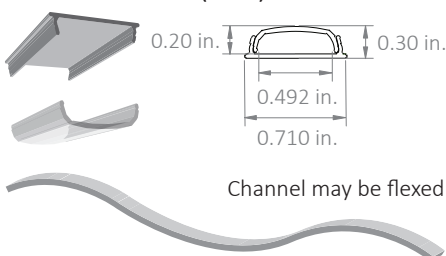| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-SCNC-48 DI-CPCHB-SCNC-96	• 48 and 96 in. channel, 48 in. mounting plate, 2x frosted covers • End caps. 1x open, 1x closed

CHROMAPATH® BUNDLE
90º SIDEVIEW (90DC)

1.31 in. | 0.257 in.
0.30 in. | 0.917 in.
0.485 in.
0.917 in.

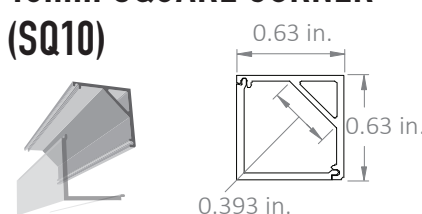| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-REC-48 DI-CPCHB-REC-96	• 48 and 96 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
WAVEFORM (WF)

0.20 in. | 0.30 in.
0.492 in.
0.710 in.

Channel may be flexed

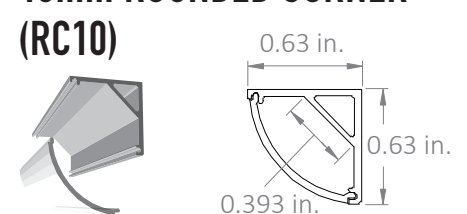| CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-WF-48	• 48 and channel & frosted cover • End caps: 1x open, 1x closed • 2x mounting clip

CHROMAPATH® BUNDLE
10mm SQUARE CORNER (SQ10)

0.63 in.
0.63 in.
0.393 in.

CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-SQC10-48 DI-CPCHB-SQC10-96	• 48 and 96 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
10mm ROUNDED CORNER (RC10)

0.63 in.
0.63 in.
0.393 in.

CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-RC10-48 DI-CPCHB-RC10-96	• 48 and 96 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH BUNDLE CHANNELS (CONT.)

CHROMAPATH® BUNDLE
DOME (DME)

0.768 in.
0.629 in.
0.236 in.
0.530 in.
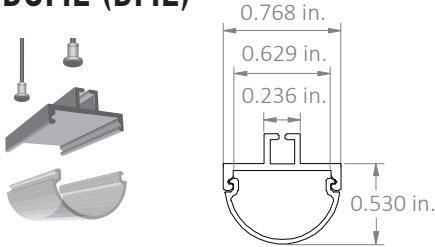
CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-DOME-48 DI-CPCHB-DOME-96	• 48 and 96 in. channel & frosted cover • End caps. 1x open, 1x closed • 2x pendant hardware

CHROMAPATH® BUNDLE
20mm SQUARE CORNER (SQ20)
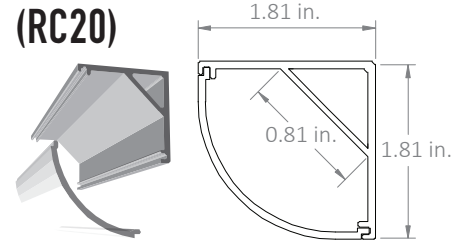
1.81 in.
0.787 in.
1.81 in.
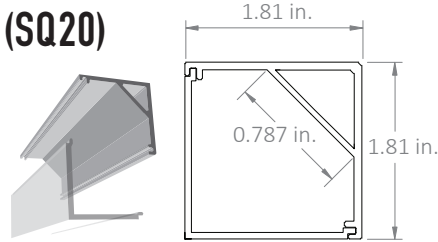
CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-SQC20-48 DI-CPCHB-SQC20-96	• 48 and 96 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
20mm ROUNDED CORNER (RC20)
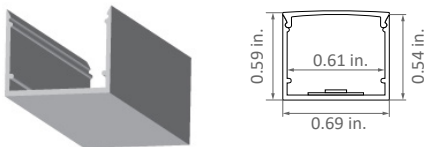
1.81 in.
0.81 in.
1.81 in.

CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-RC20-48 DI-CPCHB-RC20-96	• 48 and 96 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware

CHROMAPATH® BUNDLE
CANAL (CA)

0.59 in.
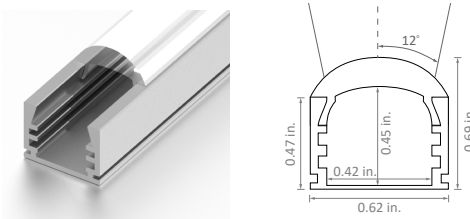0.61 in.
0.54 in.
0.69 in.

CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-CAN48	• 48 and 96 in. channel & opal cover • End caps: 1x open, 1x closed • 2x mounting clip
DI-CPCHB-CAN96	• 96 in. channel & opal cover • End caps: 2x open, 2x closed • 4x mounting clip

CHROMAPATH® BUNDLE
GRAZER NARROW BEAM (GRZNB)

12°
0.47 in.
0.45 in.
0.69 in.
0.42 in.
0.62 in.

CHANNEL ONLY SKU	PRODUCT INCLUDES
DI-CPCHB-GZRNB-48	• 48 in. channel & clear matte optic lens • End caps: 48 in. 1x open, 1x closed • 2x mounting clip
DI-CPCHB-GZRNB-96	• 96 in. channel & clear matte optic lens • End caps: 2x open, 2x closed • 4x mounting clips

NOTE: Channels are not required for use as a heat sink

BLAZE™ X 100/200/300 LED Strip Light

COMPATIBLE PRODUCTS

The following Listed LED Drivers are recommended for compatibility and to meet NEC code when installed according to specifications. For additional LED Driver options see Diode LED's product page at: https://www.diodeled.com/products/led-power-supplies.html

STAND ALONE

SWITCHEX® DRIVER + DIMMER SWITCH

SWITCHEX combines an LED driver and LED dimmer switch into a single integrated unit. Fits into standard switch boxes.

SPEC SHEET

DI	—	Voltage Output 24V	—	SE	—	Power Output 60W

SKU	L – LENGTH	W – WIDTH	H – HEIGHT
DI-12V-SE-40W			
DI-12V-SE-60W	1.40 in.	2.10 in.	4.10 in.
DI-24V-SE-60W			
DI-24V-SE-100W			

Fits in Standard Switch Box

Switch Box (Sold Separately)

SWITCHEX

Trim Plate (Sold Separately)
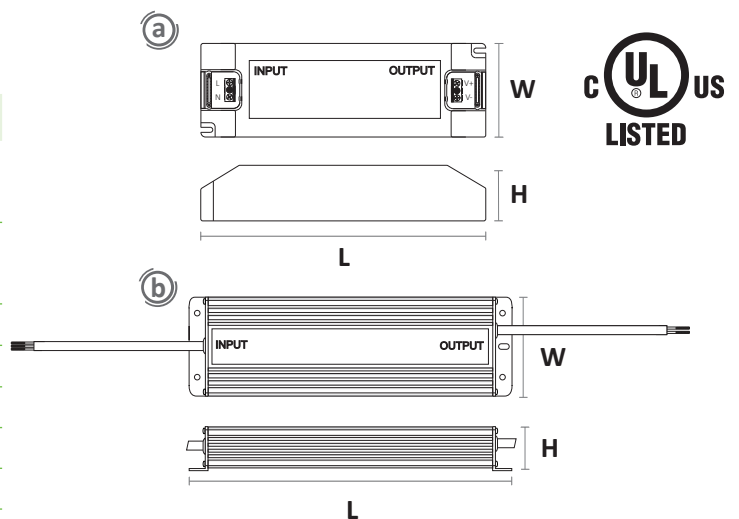
c (UL) us LISTED
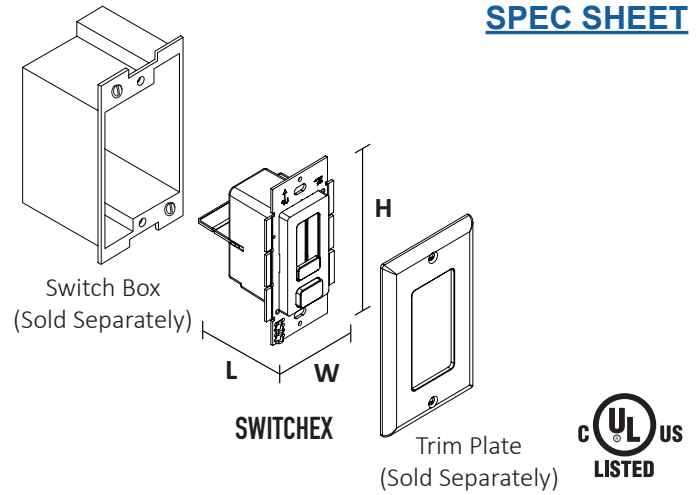
ELECTRONIC DRIVERS

OMNIDRIVE® 24V ELECTRONIC DIMMABLE LED DRIVER

Compatible with Forward Phase and Reverse Phase Dimmers. Please see Diode LED's Compatibility List at: https://www.diodeled.com/custom/download/productFile/filename/dimmer-master-compatibility-guide.pdf/

INDOOR SPEC SHEET
OUTDOOR SPEC SHEET

DI	—	TD	—	Voltage & Power Output 24V-10W

c (UL) us LISTED

SKU		L – LENGTH	W – WIDTH	H – HEIGHT
DI-TD-12V-10W	a	5.5 in.	1.8 in.	1.1 in.
DI-TD-24V-10W	a	5.5 in.	1.8 in.	1.1 in.
DI-TD-12V-20W	a	5.5 in.	1.8 in.	1.1 in.
DI-TD-24V-20W	a	5.5 in.	1.8 in.	1.1 in.
DI-TD-12V-30W	a	7 in.	2.3 in.	1.4 in.
DI-TD-24V-30W	a	7 in.	2.3 in.	1.4 in.
DI-TD-12V-45W	a	7 in.	2.3 in.	1.4 in.
DI-TD-24V-45W	a	7 in.	2.3 in.	1.4 in.
DI-TD-12V-60W	b	7.9 in.	2.7 in.	1.8 in.
DI-TD-24V-60W	b	7.9 in.	2.7 in.	1.8 in.
DI-TD-24V-80W	b	7.9 in.	2.7 in.	1.8 in.
DI-TD-24V-96W	b	7.9 in.	2.7 in.	1.8 in.

COMPATIBLE PRODUCTS

The following Listed LED Drivers are recommended for compatibility and to meet NEC code when installed according to specifications. For additional LED Driver options see Diode LED's product page at: https://www.diodeled.com/products/led-power-supplies.html

OMNIDRIVE® 2 ELECTRONIC DIMMABLE LED DRIVER

OMNIDRIVE 2 features a zero minimum load and 100-5% dimming range. Compatible with Forward Phase and Reverse Phase Dimmers. Please see Diode LED's Compatibility List at: https://www.diodeled.com/custom/download/productFile/filename/DI-OD2-Compatibility%20List.pdf/
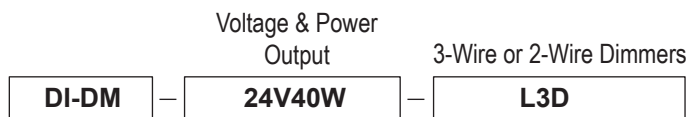
SPEC SHEET

DI	–	OD2	–	Voltage & Power Output 24V24W

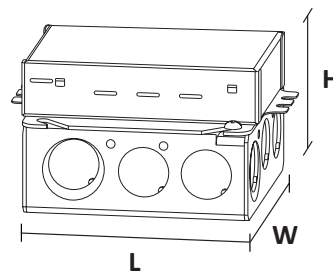| SKU	L – LENGTH	W – WIDTH	H – HEIGHT
DI-OD2-12V24W			
DI-OD2-12V60W			
DI-OD2-12V120W	13.75 in.	3.00 in.	1.60 in.
DI-OD2-12V200W			
DI-OD2-24V24W			
DI-OD2-24V60W			
DI-OD2-24V96W	15.00 in.	3.10 in.	2.40 in.
DI-OD2-24V120W			
DI-OD2-24V200W	16.10 in.	3.40 in.	2.40 in.
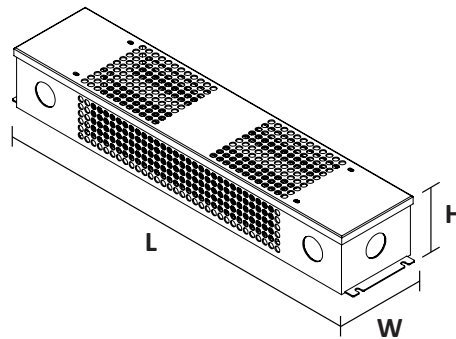
LUTRON OPTIONS

LUTRON. Hi-lume 1% LED DIMMABLE DRIVER

Hi-lume 1% LED Driver has a minimum load of 5W and dims from 100-1%.

L3D SPEC SHEET
LTE SPEC SHEET

DI-DM	–	Voltage & Power Output 24V40W	–	3-Wire or 2-Wire Dimmers L3D

SKU	L – LENGTH	W – WIDTH	H – HEIGHT
DI-DM-12V40W-L3D			
DI-DM-12V40W-LTE	4.89 in.	4.00 in.	2.62 in.
DI-DM-24V40W-L3D			
DI-DM-24V40W-LTE			

BLAZE™ X 100/200/300 LED Strip Light

COMPATIBLE PRODUCTS

The following Listed LED Drivers are recommended for compatibility and to meet NEC code when installed according to specifications. For additional LED Driver options see Diode LED's product page at: https://www.diodeled.com/products/led-power-supplies.html

◈LUTRON® Hi-lume Premier 0.1% LED DIMMABLE DRIVER

Hi-Lume Premier 0.1% LED Driver has a minimum load of 5W and dims from 100-0.1%.

SPEC SHEET

DI-DM	—	Voltage & Power Output 24V96W	—	L3D
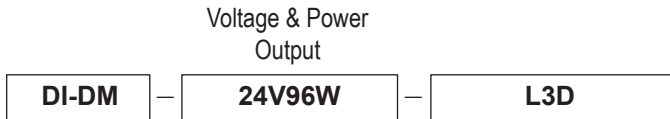
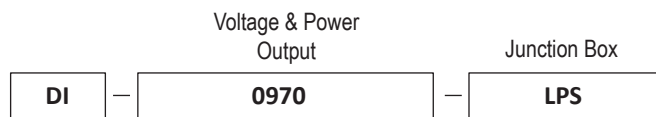| SKU	L – LENGTH	W – WIDTH	H – HEIGHT
DI-DM-24V96W-L3D	5.50 in.	2.20 in.	10.50 in.
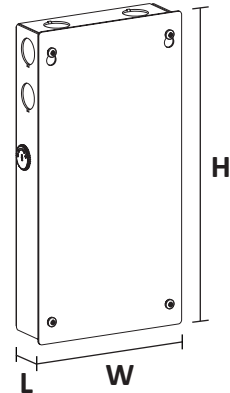
ON/OFF, DMX, & PWM CONTROL

LO–PRO® JUNCTION BOX & DRIVER COMBO - 12/24V CONSTANT VOLTAGE LED DRIVER

Use Constant Voltage Drivers to power your lighting system. Compatible with Standard 120VAC On/Off Switches, REIGN® Low Voltage Dimmers, TOUCHDIAL™ Control System, DMX Decoders, and PWM Controls.

SPEC SHEET

DI	—	Voltage & Power Output 0970	—	Junction Box LPS

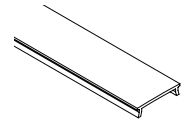| SKU	L – LENGTH	W – WIDTH	H – HEIGHT
DI-0904-LPS			
DI-0918-LPS			
DI-0906-LPS			
DI-0970-LPS	11.25 in.	3.75 in.	1.90 in.
DI-CV-MW24V60W-277-LPS			
DI-CV-MW24V90W-277-LPS			
DI-0954-LPL	13.5 in.	4.5 in.	2.37 in.
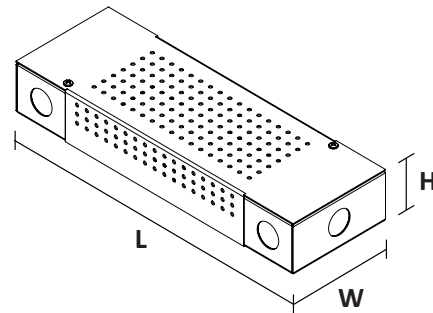
BLAZE™ X 100/200/300 LED Strip Light

ACCESSORIES

CHROMAPATH® BUILDER CHANNEL COVERS (individual*) - SLIM / SQUARE / 45° / DUO

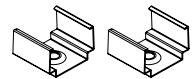| SKU	FINISH	FORM FACTOR	BUNDLES	DESCRIPTION
DI-CPCHC-FR48**	Frosted	**Frosted Cover (48 in.)**		Protects LED tape light and slightly softens light. Note: there is an average warm shift in Kelvin of 35K and an average 28% decrease in delivered lumens.
DI-CPCHC-FR96**	Frosted	**Frosted Cover (96 in.)**	Single or 10 Pack	
DI-CPCHC-CL48**	Clear	**Clear Cover (48 in.)**		Protects LED tape light with no visible color shift or change in delivered lumens.
DI-CPCHC-CL96**	Clear	**Clear Cover (96 in.)**		

not for use with Fully Loaded Channels

** - SKUs listed above are for Single covers. Add a -10 for a 10 pack bundle.

### CHROMAPATH® BUILDER CHANNEL MOUNTING OPTIONS - SLIM

SKU	FINISH	FORM FACTOR	BUNDLES	DESCRIPTION
DI-1633	N/A	**SLIM Mounting Tape**	4 ft. x 0.75 in.	3M® high-bond double-sided adhesive tape designed to install the CHROMAPATH SLIM on a flat, indoor surface.
DI-1634			12 ft. x 0.75 in.	
DI-CPCH-UC-BA DI-CPCH-UC-WH DI-CPCH-UC-BL	AL WH BL	**SLIM Mounting U-Clips**	Pack of 2 clips / 4 screws	Secure SLIM Channel to flat surface with this pressure-fit clip. Also compatible when installed with PREMIUM DIFFUSION cover. Adds 0.12in. height to channel.

CHROMAPATH® BUILDER CHANNEL MOUNTING OPTIONS - SQUARE / 45° / DUO

SKU	FINISH	FORM FACTOR	BUNDLES	DESCRIPTION
DI-CPMC2-SCR4	Steel	**Mounting Clips (MTC)**	Pack of 2 clips / 4 screws	Secure CHROMAPATH to flat surface with this pressure-fit clip. Adds 0.12in. height to channel.
DI-1630-20			Pack of 20 clips / 40 screws	
DI-1912	Steel	**Vertical Mounting Brackets (VERT)**	Pack of 2	Used to install CHROMAPATH in a vertical orientation and includes an Allen key and allen screws for securing to a vertical surface. Note: Mounting Clips, or Rotating Mounting Clips required for installation of Vertical Mounting Brackets.
DI-CPCH-HNG	Steel	**Hanging Hardware Kit (HNG)**	Pack of 2 hanging mounts / 2 Wire restrainers / 4 screws	Transform your CHROMAPATH Channel into a pendent fixture with CHROMAPATH Hanging Hardware Kit.
DI-CPCH-RC-BA DI-CPCH-RC-WH DI-CPCH-RC-BL	AL WH BL	**Rotating Mounting Clips (RTC)**	Pack of 2 clips / 4 screws	Secure CHROMAPATH to flat surface and adjust to desired angle with this pressure-fit clip. Adds 0.74in. height to channel.
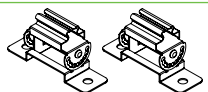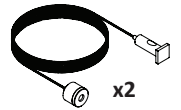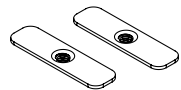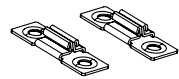
SKU	BUNDLES	DESCRIPTION
DI-TB-CONN-TTW	Single, or pack of 5 or 25	Screw down Terminal Connector used for making connections to Tape Light.

SPECIFICATIONS

- LED Chip Type: Guangmu 2835 SMD Chip
- LED Chip Beam Angle: 120°
- Luminous Efficacy[4] (lm/w): 71~88
- Mounting[4]: 3M™ 55280 Adhesive
- Connections[5]: 3 ft. Female DC plug on end. 3 ft. hard-wire lead opposing end. Leads: UL 2464 20/2 AWG
- Ambient Temp[6]: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temp[7]: -4 ~ 176°F (-20 ~ 80°C)

SPECIFYING?

Note: The compatible products listed in this Specification Sheet are provided for <u>reference only</u>. For complete specifications of compatible products, click on the **SPEC SHEET** *links provided.*

COMPLIANCE & REGULATORY APPROVALS

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
- Approved for storage areas of clothes closets per NEC 410.16.A.3 and 410.16.C.5

Environmental

- RoHS Compliant: Verification No. CANEC1610091501

Performance

- Can be used to comply with TITLE 24 Part 6 High efficacy LED requirements - JA8-2016-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.

ADDITIONAL INFORMATION

• BLAZE™ X LED STRIP LIGHT Installation Guide

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 install with a listed Class 2 DC Constant Voltage LED Driver.
4. Not for use in or on walls of pools, fountains, or other partially or fully submersed locations.
5. Do not modify or disassemble product beyond instructions or this warranty will be void.
6. Actual color may vary from what is pictured above and on other print materials due to the limitations of photographic processes.
7. 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
This product has a twelve (12) year limited warranty from the date of shipment. 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 an 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 purchaser 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.