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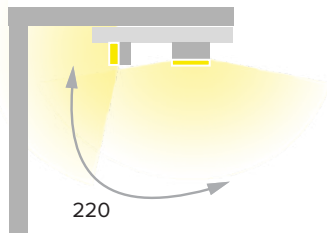
DURATAPE™ BIDIRECTIONAL INDOOR IP20

KEY FEATURES

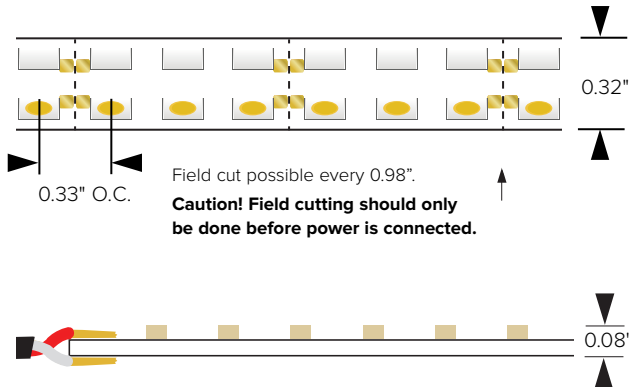
- Two-way DURATAPE are made by mounting the LED sources on substrate in two orthogonal lines, creating an asymmetric emission of 220°.
- Perfect for IP20 interior applications where a wall washer or highlight effect is required such as shelving, cabinetry, custom and OEM product designs/chandliers.
- Sold per foot and manufactured to specified lengths with factory attached end preps.
- Features double sided substrate for optimum heat dissipation, minimizing voltage drop while increasing run lengths per power feed, standardizing electrical flow over entire length of the strip for maximum product reliability.
- Features double sided solder points for maximum conductivity and durability.
- Pre-assembled to specific lengths with various connector options for project requirements and efficient power configuration.
- Max continuous length: up to 16.4' per run
- Multiple dimming options available.



DISTRIBUTION



DIMENSIONAL DRAWINGS



Duratape features double-sided solder points for maximum continuity for long lifespan.

DETAILS

Spacing	0.33" OC LED Spacing
LEDs	73 LEDs per foot
Wattage	4.4W/ft
Color Temp	2200K / 2700K / 3000K / 3500K / 4000K
Color Consistency	Bin centered on the Planck curve with a 2 step MacAdam tolerance.
CRI	>Ra90 / >Ra80 (2200K only)
End Preps	Factory prepped end preps available (See Page 2)
Mounting	Includes installation-ready 3M tape adhesive for simplified installation directly onto application surface
Installation	Field trimmable every 0.98"
Power Supply	Listed Class 2 output, 24V DC power supply required
Certifications	cULus Class 2 Listed E471161 Tested in accordance with LM-79-08 Energy efficient for California installations.
Compliance	ROHS compliant
Warranty	5 year warranty

FIXTURE DATA

Model	Efficacy Lm/Wt	Lm/Ft	Wt/Ft
2200K	76.2	335.4	4.4
2700K	83.2	365.9	4.4
3000K	87.3	384	4.4
3500K	87.3	384	4.4
4000K	90	396	4.4

LED DATA

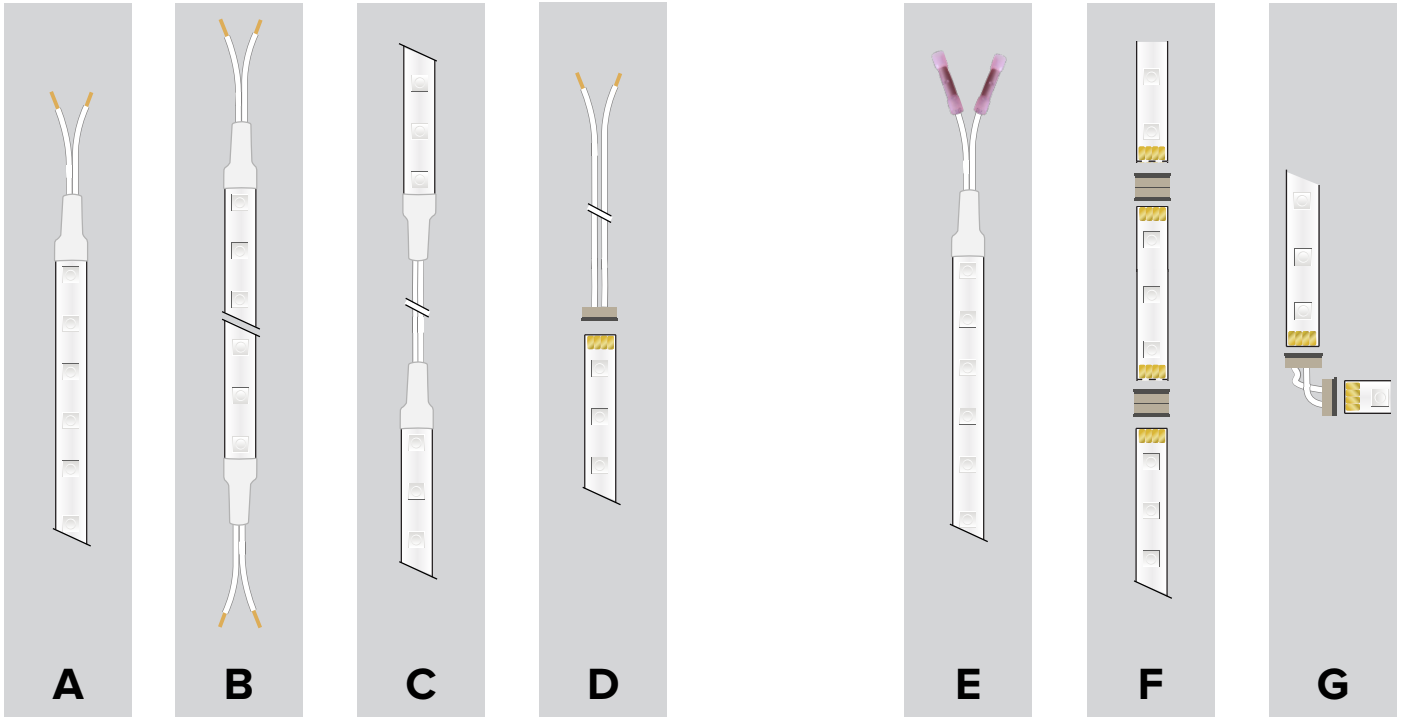
Model	Wt/LED	LED Viewing Angle	Product Viewing Angle	Lifespan at 90% drive
4.4W/ft	0.06W	120	220	40,000hrs

* LEDs operating at 90% of LED manufacturers maximum current rating.

* Meets Title 24 High efficacy rating.

PRODUCT CODE	TYPE	WATTAGE	IP RATING	COLOR TEMP	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL — Duratape™	BD — Bidirectional	44 — 4.4 W/ft	I — Indoor IP20	22 — 2200K	24 — 24V DC						
				27 — 2700K							
				30 — 3000K							
				35 — 3500K							
				40 — 4000K							

END PREPS AND CONNECTORS (REQUIRED) - Choose 1



REQUIRED END PREPS:
(One required for each run of tape)

A

07U11CBL1: END PREP

Factory attached single lead wire prep. 24" Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

07U11ADDCBL-XX: ADDITIONAL LEAD WIRE

Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

B

07U11CBL2: END PREP

Factory attached double ended lead wire prep. 24" lead wire at both ends. One end can be used for power connectivity while the other end can be used for interconnection to run to an additional length of Duratape. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

07U11ADDCBL-XX: ADDITIONAL LEAD WIRE

Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

C

07U11FOLD CBL-XX

Wire fold (specified length). Wire folds are factory attached to Duratape to meet your specified installation requirements. Wire fold lengths available are 1", 2", 3", 4", 6", 12". Add length number to end of part number. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

D

07U11LCON

Removable/lockable interconnect lead wire. 24" lead wire with locking and unlocking lead connector.

OPTIONAL CONNECTORS:

E

07U11ADDCON

Additional connectors. Lead wire connectors 2/ea per connection.

F

DL-1-LIC

Duratape lockable interconnect. Can be unlocked for easy replacement or maintenance.

G

DL-1-LIC-90

Duratape 90 lockable interconnect. Can be unlocked for easy replacement or maintenance.

PROFILE OPACITY LEVEL KEY:



Uniform
Direct View

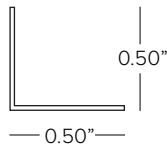


Blended
Direct / Indirect View



Pixelated
Indirect View

SURFACE PROFILE



DL-ALUM-L-8

Aluminum L-Profile 1/2" x 1/2" for linear run lengths. Duratape can be mounted at either 0° or 90° mounting positions. Available in 8ft lengths.



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DURATAPE™ BIDIRECTIONAL INDOOR IP20

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DMLE301242UD	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE601242UD	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE961242UD	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
DMLE1922242UD	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DMLE2882242UD	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DEL60PWM	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, UL LISTED ENCLOSURE PROVIDED BY OTHERS.	60W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
DELI601241CPWM	MEANWELL ELECTRONIC PWM DRIVER.	60W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DEL90PWM	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, UL LISTED ENCLOSURE PROVIDED BY OTHERS.	90W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
DELI901241CPWM	MEANWELL ELECTRONIC PWM DRIVER.	90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELI1802242CPWM	MEANWELL ELECTRONIC PWM DRIVER.	2X90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹
DELI2703243CPWM	MEANWELL ELECTRONIC PWM DRIVER.	3X90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹
DMLV40124D	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV60124D	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV96124D	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV192224D	MAGNETIC LOW VOLTAGE TRANSFORMER	192W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.00" x 4.15" x 3.41" ¹

¹ Dimensions include enclosure with mounting bracket.

* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage								
	40W	60W	96W	90W	2X90W	3X90W	100W	2X100	
4.4W/ft	7FT	10FT	17FT	16FT	(2) 16FT	(3) 16FT	18FT	(2) 18FT	



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DURATAPE™ BIDIRECTIONAL INDOOR IP20

PHOTOMETRY

DURATAPE S-BEND						POLAR GRAPH
Fixture Power	4.4W	4.4W	4.4W	4.4W	4.4W	
Fixture Output	335.4Lm	365.9Lm	384Lm	384Lm	396Lm	
Kelvin Temp	2200°K	2700°K	3000°K	3500°K	4000°K	
Beam Spread	120	120	120	120	120	
IMax	270cd/klm	270cd/klm	270cd/klm	270cd/klm	270cd/klm	
Efficacy	76.2 Lm/W	83.2 Lm/W	87.3 Lm/W	87.3 Lm/W	90 Lm/W	