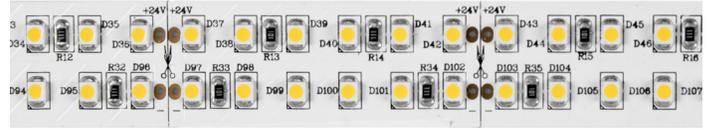
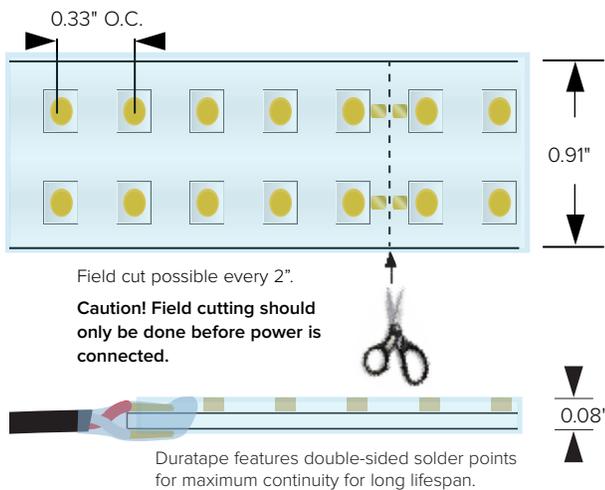


### KEY FEATURES

- Double row high output narrow spaced essential white LED flexible linear light strip for continuous consistent color in linear applications.
- Ideal for IP66 exterior applications such as cove, lighting accents, custom and OEM product designs/chandliers.
- Complete with encased silicone jacket for outdoor rated IP66, sold per foot.
- Features 2-circuit 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 8' per run (8.8W/ft)
- Multiple dimming options available.



### DIMENSIONAL DRAWINGS



### DETAILS

- Spacing** 0.33" OC LED Spacing
- LEDs** 72 LEDs per foot
- Color Temp** 2700°K / 3000°K / 3500°K
- Color Consistency** Bin centered on the Planck curve with a 2 step MacAdam tolerance.
- CRI** <Ra96
- End Preps** Factory prepped end preps available (See Page 2)
- Mounting** Includes installation-ready 3M tape adhesive for simplified installation directly to mounting channel or application surface
- Installation** Optional mounting channels and clips, protective lens covers, thermal channels for optimal maintainance. Field trimmable every 2"
- Power Supply** Listed Class 2 output, 24V DC power supply required
- Certifications** cULus Wet Listed E471161  
Tested in accordance with LM-79-08
- Compliance** ROHS compliant  
MRI Safe, driver to be mounted outside of MRI room. To be use with plastic or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
- Warranty** 5 year warranty

### FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft	Wt/Ft
3000°K	86	758	8.8

### LED DATA

Model	Wt/LED	Viewing Angle	Lifespan at 90% drive
ES 8.8w/ft	0.12W	120°	40,000hrs

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

### DESIGN INSTALLATION EXAMPLES

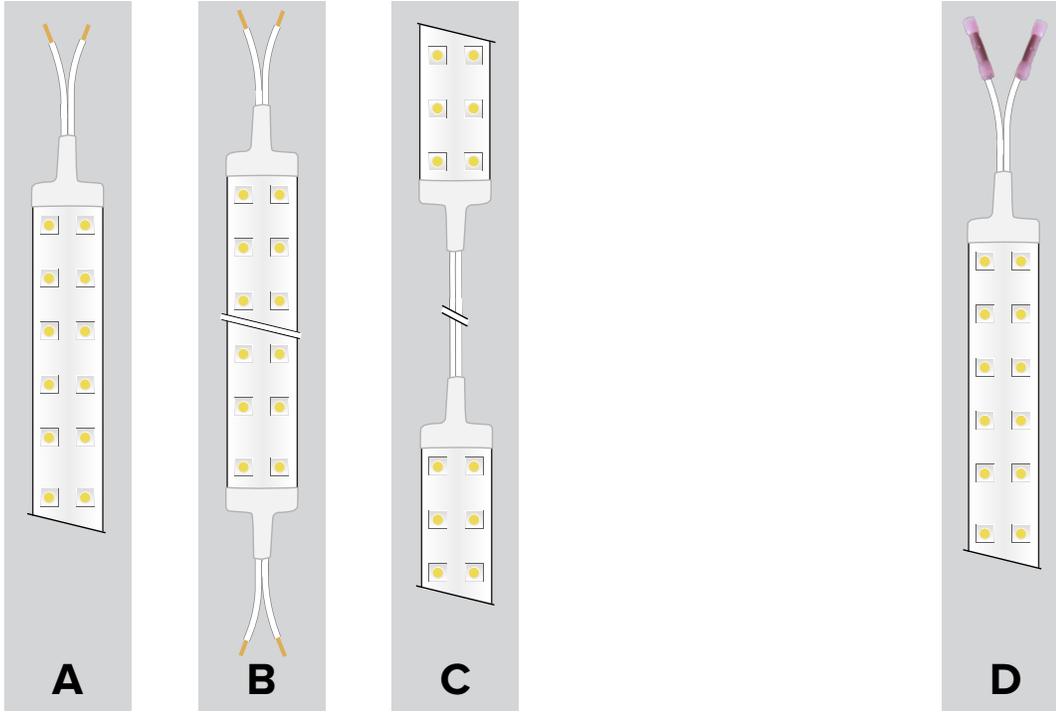


### TM30

CCT	CRI Ra	R9	Rf	Rg
2733K	97.7	95	95.1	101.7
3132K	97.3	94	89.7	97.3
3507K	96.2	95	89.1	97.8

PRODUCT CODE	INTENSITY	WATTAGE	IP RATING	COLOR TEMP	OPTIONS	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL— Duratape™	ES — Essential White	88 — 8.8 W/ft	O — Outdoor IP66	27 — 2700°K 30 — 3000°K 35 — 3500°K	HC — +95 CRI	24 — 24 VDC						

**END PREPS AND CONNECTORS (REQUIRED) - Choose 1**



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

**A**

**07UX88CBL1**

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.

**07UX88ADDCBL-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**

**07UX88CBL2**

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.

**07UX88ADDCBL-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**

**07UX88FOLD 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.

**OPTIONAL CONNECTORS:**

**D**

**07UX88ADDCON**

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



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# DURATAPE™ ES 8.8

## IP66 OUTDOOR

### PROFILE OPACITY LEVEL KEY:



**Uniform**  
Direct View

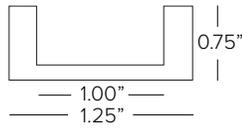


**Blended**  
Direct / Indirect View



**Pixelated**  
Indirect View

### SURFACE PROFILES



#### DL-88-ALUM-U-8

Aluminum U-Channel for linear run lengths with factory drilled countersunk screw holes at 6" OC. Available in 8ft lengths.



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# DURATAPE™ ES 8.8

## IP66 OUTDOOR

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
<b>DMLE301242UD</b>	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE601242UD</b>	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE961242UD</b>	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
<b>DMLE1922242UD</b>	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DMLE2882242UD</b>	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DEL60PWM</b>	ELECTRONIC PWM DRIVER STANDALONE, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS</b>	60W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
<b>DELX601241CPWM</b>	ELECTRONIC PWM DRIVER	60W	120-277V / 24V	0-10V/PWM 10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4" <sup>1</sup>
<b>DEL90PWM</b>	ELECTRONIC PWM DRIVER STANDALONE, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS</b>	90W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
<b>DELX901241CPWM</b>	ELECTRONIC PWM DRIVER	90W	120-277V / 24V	0-10V/PWM 10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4" <sup>1</sup>
<b>DELX1802242CPWM</b>	ELECTRONIC PWM DRIVER	2X90W	120-277V / 24V	0-10V/PWM 10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>
<b>DELX2703243CPWM</b>	ELECTRONIC PWM DRIVER	3X90W	120-277V / 24V	0-10V/PWM 10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>
<b>DMLV40124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>DMLV60124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>DMLV96124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>PS060</b>	LUTRON HI-LUME PREMIER 0.1% CONSTANT VOLTAGE DRIVER WITH UL LISTED ENCLOSURE	96W	UNIVERSAL 120-277 VAC	HI-LUM DIMMABLE 0.1%	IP20/NOM CERTIFIED	UL CLASS 2	10.5" x 5.5" x 2" <sup>1</sup>

<sup>1</sup> 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	
8.8W/ft	3FT	5FT	8FT	8FT	(2) 8FT	(3) 8FT	9FT	(2) 9FT	



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# DURATAPE™ ES 8.8

## IP66 OUTDOOR

### PHOTOMETRY

DURATAPE 8.8W		POLAR GRAPH
Fixture Power	8.8W	
Fixture Output	758Lm	
Kelvin Temp	3000°K	
Beam Spread	120°	
IMax	317cd/klm	
Efficacy	86 Lm/W	