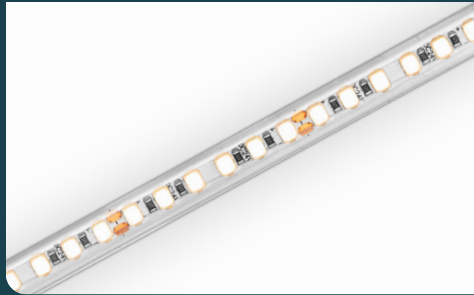


FIXTURE TYPE \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_



# Uniform ThinLine™ (Outdoor)

EXTRA THIN OUTDOOR TAPE



## I Description

Our Uniform series provides single bin, 3 step color consistency across every single output option. Uniform Thin Line provides a solution for projects with exceptionally small dimensional requirements.

## I Features

- Uses U2835 Diode
- Create a Custom Fixture with Kelvix Channels
- 5-Year Warranty
- UL-Listed for Indoor and Outdoor
- 3M™ Industrial Adhesive Backing
- For Use with 24V Power Supplies
- Dimmable using Kelvix Power Supplies
- IP67

## I Series Spec

Series	UNI-TL
Temp/Colors*	1800K–6500K
Input Voltage	24V DC/Constant Voltage
Beam Spread	120°
CRI	Ra 90+, R9 70+
Diode	2835
Diode Pitch	168 LED/m
Binning Tolerance*	ANSI 3Step
Cut Intervals	1.41" (35.7mm)
Dimensions	0.32" (8.1mm) × 0.16" (4.0mm)
Dimensions w/End Caps	0.40" (10.2mm) × 0.22" (5.5mm)
Operating Temp.	-4°F (-20°C) to 140°F (60°C)
Storage Temp.	-4°F (-20°C) to 158°F (70°C)

## I Product Code Builder

Series	Location	Output*	Temp/Color*	Voltage	Modification
<b>UNI-TL</b>	<b>O</b>			<b>24V</b>	<b>NA</b>
UNI-TL—Uniform Thin Line	O—Outdoor	100—100 lm/ft 200—200 lm/ft 300—300 lm/ft	18K — 1800K 22K — 2200K 24K — 2400K 27K — 2700K 30K — 3000K 35K — 3500K 40K — 4000K 50K — 5000K 65K — 6500K	24V—24V DC	NA—None

Example: UNI-TL-O-100-18K-24V-NA

\* Customizable—Consult Factory

Conforms to ANSI/UL Standard 2108  
Certified to CAN/CSA Standard C22.2 NO. 250.0

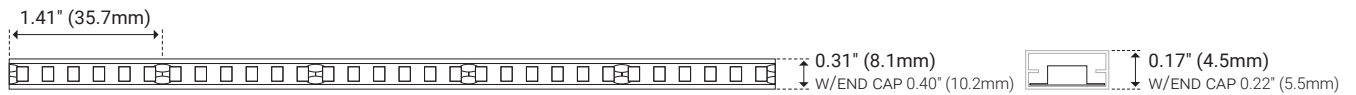


## I Series Data

Output (lm/ft)	UNI-TL 100	UNI-TL 200	UNI-TL 300	
Lumens (per ft)	1800K	84	168	244
	2200K	91	182	265
	2400K	94	188	274
	2700K	98	196	284
	3000K	101	202	293
	3500K	104	208	302
	4000K	106	211	307
	5000K	107	214	311
	6500K	111	223	323
Wattage <sup>1</sup> (per ft)	0.9	1.9	2.8	
Efficiency (lm/W)	113	107	106	
Max Run Length (ft)	37	24	21	

<sup>1</sup>Power consumption based on average wattage per foot. Refer to Power Chart on page 4 for details.

## I Dimensions

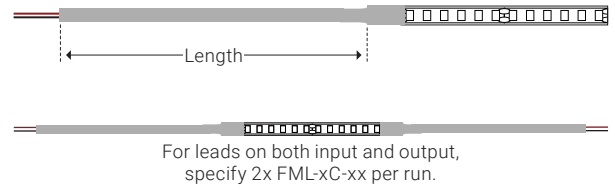


## I Power Feed Accessories\*

### Lead



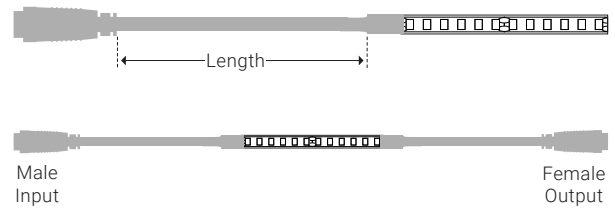
Unit Number	Length
FML-2C-1	12.00" (305.0mm)
FML-2C-2	24.00" (0.60m)
FML-2C-3	36.00" (0.91m)
FML-2C-6	72.00" (1.82m)
FML-2C-12	144.00" (3.65m)
FML-2C-15	180.00" (4.57m)
FML-2C-20	240.00" (6.09m)



### Lead with DC Plug



Unit Number	Length
FML-2C-DC-1-M	12.00" (305.0mm)
FML-2C-DC-1-F	12.00" (305.0mm)
FML-2C-DC-6-M	72.00" (1.82m)
FML-2C-DC-6-F	72.00" (1.82m)
FML-2C-DC-10-M	120.00" (3.04m)
FML-2C-DC-10-F	120.00" (3.04m)



### Connector



Unit Number	Length
FMC-2C-1.5I	1.50" (38.0mm)
FMC-2C-3I	3.00" (76.0mm)
FMC-2C-6I	6.00" (152.0mm)
FMC-2C-9I	9.00" (228.0mm)
FMC-2C-1	12.00" (305.0mm)
FMC-2C-2	24.00" (0.60m)



\* Customizable—Consult Factory

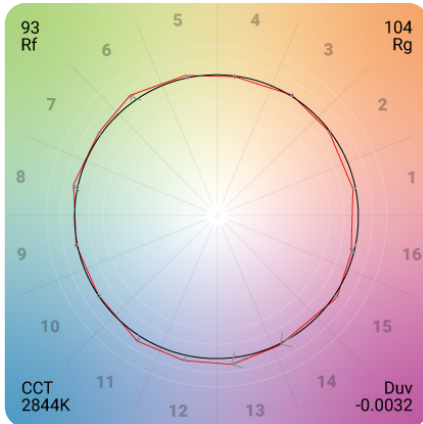


## I Power Chart

		UNI-TL-100	UNI-TL-200	UNI-TL-300
Watts	1 ft	0.9	2	3
	2 ft	1.9	4.1	6.1
	3 ft	2.9	6.1	9.1
	4 ft	3.9	8.1	12.1
	5 ft	4.8	10.1	14.9
	6 ft	5.7	12	17.7
	7 ft	6.7	14	20.5
	8 ft	7.6	15.8	22.9
	9 ft	8.6	17.7	25.5
	10 ft	9.4	19.4	28
	11 ft	10.4	21.2	30.6
	12 ft	11.3	22.9	32.8
	13 ft	12.3	24.6	35.1
	14 ft	12.9	26.1	37.2
	15 ft	14	27.8	39.4
	16 ft	14.5	29.3	41.2
	17 ft	15.7	30.7	43.2
	18 ft	16.3	32.1	45.1
	19 ft	17.1	33.4	46.7
	20 ft	18.1	34.9	48.4
	21 ft	18.7	36.2	49.9
	22 ft	19.6	37.4	-
	23 ft	20.5	38.5	-
	24 ft	21.2	39.7	-
	25 ft	21.7	-	-
	26 ft	22.2	-	-
	27 ft	23.1	-	-
	28 ft	24	-	-
	29 ft	24.4	-	-
	30 ft	25.3	-	-
	31 ft	25.9	-	-
	32 ft	26.6	-	-
	33 ft	26.9	-	-
	34 ft	27.9	-	-
	35 ft	28	-	-
	36 ft	28.9	-	-
	37 ft	29.5	-	-



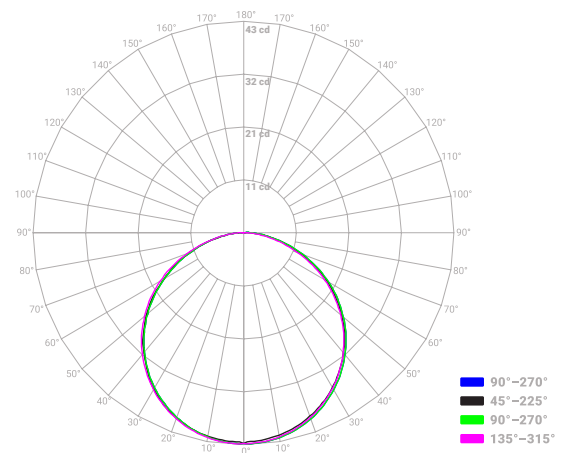
## I Colorimetric Details (3000K)



## I Photometric Details (3000K)

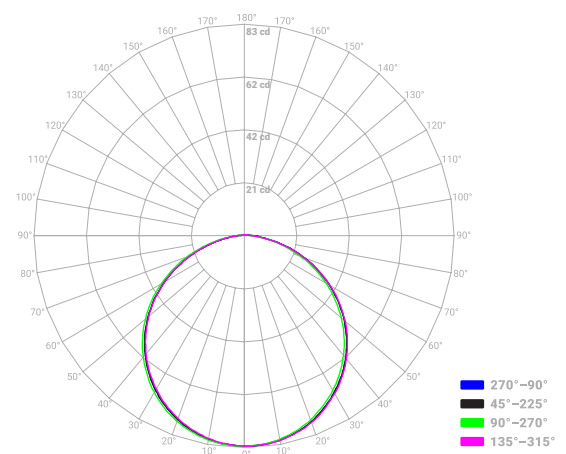
### UNI-TL 100

Mtg Height	Light Level	Beam Diameter
1.00 ft	42.75 fc	3.11 ft
2.00 ft	10.69 fc	6.22 ft
3.00 ft	4.75 fc	9.32 ft
4.00 ft	2.67 fc	12.43 ft
5.00 ft	1.71 fc	15.54 ft
6.00 ft	1.19 fc	18.65 ft
8.00 ft	0.67 fc	24.86 ft
10.00 ft	0.43 fc	31.08 ft
12.00 ft	0.30 fc	37.29 ft
15.00 ft	0.19 fc	46.61 ft



### UNI-TL 200

Mtg Height	Light Level	Beam Diameter
1.00 ft	83.12 fc	3.10 ft
2.00 ft	20.78 fc	6.20 ft
3.00 ft	9.24 fc	9.30 ft
4.00 ft	5.20 fc	12.40 ft
5.00 ft	3.32 fc	15.49 ft
6.00 ft	2.31 fc	18.59 ft
8.00 ft	1.30 fc	24.79 ft
10.00 ft	0.83 fc	30.99 ft
12.00 ft	0.58 fc	37.19 ft
15.00 ft	0.37 fc	46.48 ft





# I Photometric Details (3000K)

## UNI-TL 300

Mtg Height	Light Level	Beam Diameter
1.00 ft	131.12 fc	3.09 ft
2.00 ft	32.78 fc	6.18 ft
3.00 ft	14.57 fc	9.27 ft
4.00 ft	8.19 fc	12.36 ft
5.00 ft	5.24 fc	15.45 ft
6.00 ft	3.64 fc	18.54 ft
8.00 ft	2.05 fc	24.72 ft
10.00 ft	1.31 fc	30.90 ft
12.00 ft	0.91 fc	37.08 ft
15.00 ft	0.58 fc	46.35 ft

