

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

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

LOCATION \_\_\_\_\_



# Uniform Color Tuning (Outdoor)

COLOR TUNING OUTDOOR TAPE



## I Description

Our Uniform series provides single bin, 3 step color consistency across every single output option. Uniform Color Tuning allows you to dial in an exact CCT from 1800K-3500K.

## 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-CT
Temp/Colors*	1800K–3500K
Input Voltage	24V DC/Constant Voltage
Beam Spread	120°
CRI	Ra 90+, R9 70+
Diode	2835
Diode Pitch	216 LED/m
Binning Tolerance*	ANSI 3Step
Cut Intervals	2.19" (55.6mm)
Dimensions	0.57" (14.5mm) × 0.18" (4.5mm)
Dimensions w/End Caps	0.69" (17.5mm) × 0.24" (6.0mm)
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-CT</b>	<b>O</b>	<b>300</b>	<b>1835K</b>	<b>24V</b>	<b>NA</b>
<b>UNI-CT</b> —Uniform Color Tuning	<b>O</b> —Outdoor	<b>300</b> —300 lm/ft <b>600</b> —600 lm/ft	<b>1835K</b> —1800K–3500K	<b>24V</b> —24V DC	<b>NA</b> —None

Example: UNI-CT-O-300-1835K-24V-NA

\* Customizable—Consult Factory

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

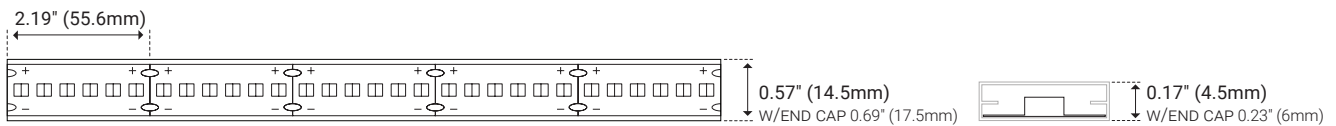


## I Series Data

Output (lm/ft)	UNI-CT 300	UNI-CT 600
Wattage <sup>1</sup> (per ft)	2.8	5.8
Efficiency (lm/W)	103	101
Max Run Length (ft)	35	19

<sup>1</sup>Power consumption based on average wattage per foot. Refer to Power Chart on page 3 for details.

## I Dimensions

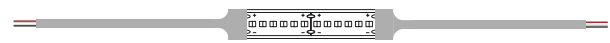


## I Power Feed Accessories\*

### Lead



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

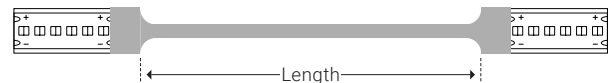


For leads on both input and output, specify 2x FML-xC-xx per run.

### Connector



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



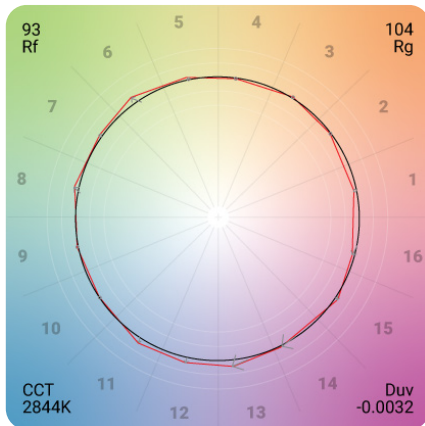


## I Power Chart

		UNI-CT-300	UNI-CT-600
Watts	1 ft	3.3	6.7
	2 ft	6.6	13.2
	3 ft	9.8	19.4
	4 ft	12.9	25.5
	5 ft	16	31.4
	6 ft	19.1	37.1
	7 ft	22.1	42.5
	8 ft	25	47.8
	9 ft	27.9	52.9
	10 ft	30.7	57.7
	11 ft	33.5	62.4
	12 ft	36.2	66.8
	13 ft	38.8	71.1
	14 ft	41.4	75.1
	15 ft	43.9	79
	16 ft	46.4	82.6
	17 ft	48.8	86
	18 ft	51.2	89.3
	19 ft	53.5	92.3
	20 ft	55.8	-
	21 ft	58	-
	22 ft	60.1	-
	23 ft	62.2	-
	24 ft	64.3	-
	25 ft	66.2	-
	26 ft	68.2	-
	27 ft	70	-
	28 ft	71.8	-
	29 ft	73.6	-
	30 ft	75.3	-
	31 ft	77	-
	32 ft	78.5	-
	33 ft	80.1	-
	34 ft	81.5	-
	35 ft	83	-



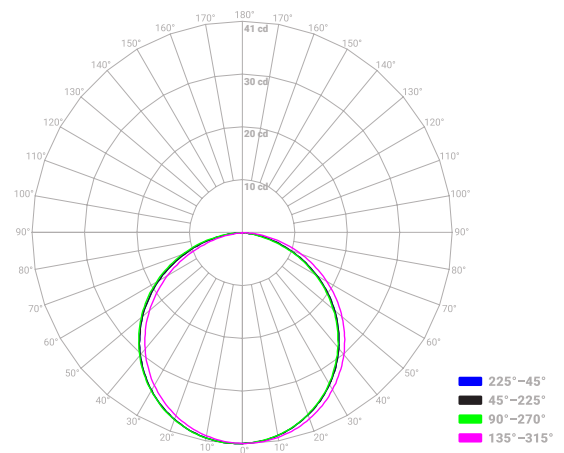
## I Colorimetric Details (3000K)



## I Photometric Details (3000K)

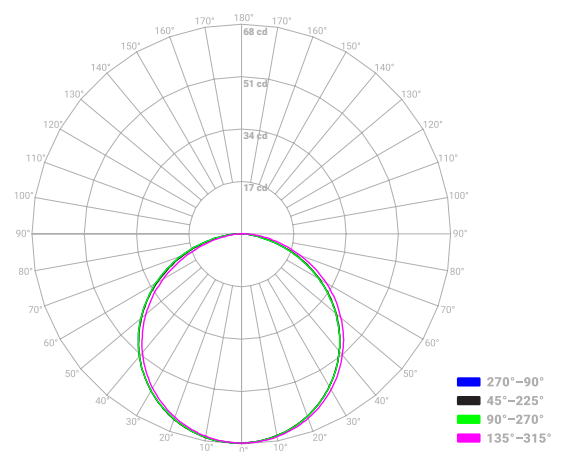
### UNI-WH 300 18K

Mtg Height	Light Level	Beam Diameter
1.00 ft	40.61 fc	3.01 ft
2.00 ft	10.15 fc	6.02 ft
3.00 ft	4.51 fc	9.03 ft
4.00 ft	2.54 fc	12.04 ft
5.00 ft	1.62 fc	15.05 ft
6.00 ft	1.13 fc	18.06 ft
8.00 ft	0.63 fc	24.08 ft
10.00 ft	0.41 fc	30.10 ft
12.00 ft	0.28 fc	36.12 ft
15.00 ft	0.18 fc	45.15 ft



### UNI-WH 300 35K

Mtg Height	Light Level	Beam Diameter
1.00 ft	68.32 fc	3.06 ft
2.00 ft	17.08 fc	6.13 ft
3.00 ft	7.59 fc	9.19 ft
4.00 ft	4.27 fc	12.26 ft
5.00 ft	2.73 fc	15.32 ft
6.00 ft	1.90 fc	18.39 ft
8.00 ft	1.07 fc	24.51 ft
10.00 ft	0.68 fc	30.64 ft
12.00 ft	0.47 fc	36.77 ft
15.00 ft	0.30 fc	45.96 ft

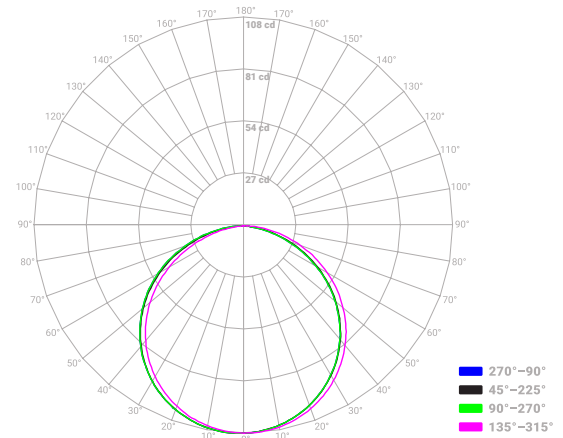




## I Photometric Details (3000K)

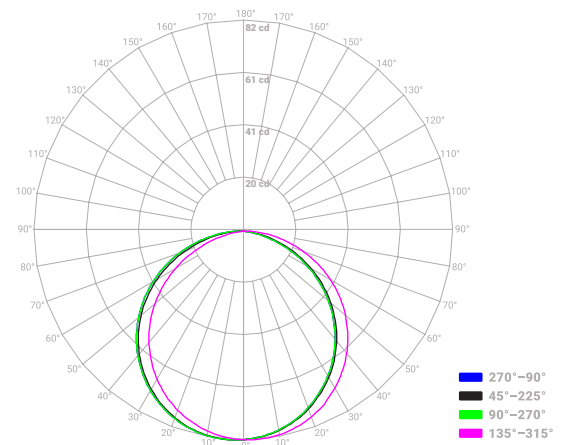
### UNI-WH 300 Full

Mtg Height	Light Level	Beam Diameter
1.00 ft	107.56 fc	3.04 ft
2.00 ft	26.89 fc	6.09 ft
3.00 ft	11.95 fc	9.13 ft
4.00 ft	6.72 fc	12.18 ft
5.00 ft	4.30 fc	15.22 ft
6.00 ft	2.99 fc	18.26 ft
8.00 ft	1.68 fc	24.35 ft
10.00 ft	1.08 fc	30.44 ft
12.00 ft	0.75 fc	36.53 ft
15.00 ft	0.48 fc	45.66 ft



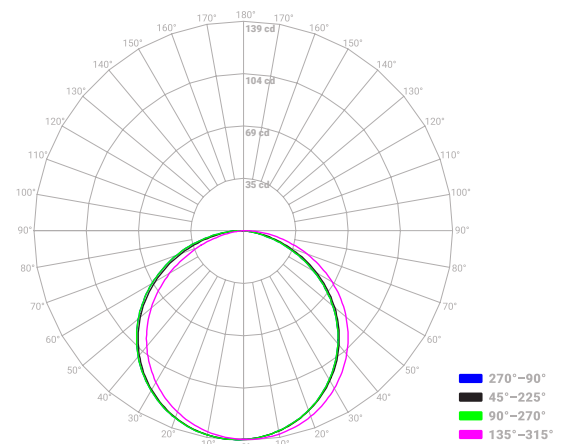
### UNI-WH 600 18K

Mtg Height	Light Level	Beam Diameter
1.00 ft	81.72 fc	3.00 ft
2.00 ft	20.43 fc	6.00 ft
3.00 ft	9.08 fc	9.00 ft
4.00 ft	5.11 fc	12.00 ft
5.00 ft	3.27 fc	15.01 ft
6.00 ft	2.27 fc	18.01 ft
8.00 ft	1.28 fc	24.01 ft
10.00 ft	0.82 fc	30.01 ft
12.00 ft	0.57 fc	36.01 ft
15.00 ft	0.36 fc	45.02 ft



### UNI-WH 600 35K

Mtg Height	Light Level	Beam Diameter
1.00 ft	138.68 fc	3.06 ft
2.00 ft	34.67 fc	6.13 ft
3.00 ft	15.41 fc	9.19 ft
4.00 ft	8.67 fc	12.26 ft
5.00 ft	5.55 fc	15.32 ft
6.00 ft	3.85 fc	18.39 ft
8.00 ft	2.17 fc	24.51 ft
10.00 ft	1.39 fc	30.64 ft
12.00 ft	0.96 fc	36.77 ft
15.00 ft	0.62 fc	45.96 ft





# I Photometric Details (3000K)

## UNI-WH 600 Full

Mtg Height	Light Level	Beam Diameter
1.00 ft	212.94 fc	3.03 ft
2.00 ft	53.24 fc	6.06 ft
3.00 ft	23.66 fc	9.09 ft
4.00 ft	13.31 fc	12.12 ft
5.00 ft	8.52 fc	15.15 ft
6.00 ft	5.92 fc	18.18 ft
8.00 ft	3.33 fc	24.24 ft
10.00 ft	2.13 fc	30.29 ft
12.00 ft	1.48 fc	36.35 ft
15.00 ft	0.95 fc	45.44 ft

