

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

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

LOCATION \_\_\_\_\_



# Uniform Static White (Outdoor)

OUTDOOR WHITE LIGHT TAPE



## I Description

Our Uniform Static White series provides single bin color consistency across every single output option and will never create a diode image when paired with any Kelvix channel.

## 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
- Offered 3-step SDCM

## I Series Spec

Series	UNIX-WL
Temp/Colors*	1800K–6500K
Input Voltage	24V DC/Constant Voltage
Beam Spread	120°
CRI*	Ra 90+
SDCM	3-Step
Diode	2835
Diode Pitch	240 LED/m
Cut Intervals	1.31" (33.3mm)
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>UNIX-WL</b>	<b>O</b>			<b>24V</b>	<b>NA</b>
<b>UNIX-WL</b> – Uniform Static White 3-Step	<b>O</b> – Outdoor	<b>100</b> – 100 lm/ft <b>200</b> – 200 lm/ft <b>300</b> – 300 lm/ft <b>400</b> – 400 lm/ft <b>500</b> – 500 lm/ft <b>750</b> – 750 lm/ft <b>1000</b> – 1000 lm/ft <b>1250</b> – 1250 lm/ft <b>1500</b> – 1500 lm/ft	<b>18K</b> – 1800K <b>22K</b> – 2200K <b>24K</b> – 2400K <b>27K</b> – 2700K <b>30K</b> – 3000K <b>35K</b> – 3500K <b>40K</b> – 4000K <b>50K</b> – 5000K <b>65K</b> – 6500K	<b>24V</b> – 24V DC	<b>NA</b> – None
Example: UNIX-WL-O-100-18K-24V-NA					

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

\* Customizable—Consult Factory

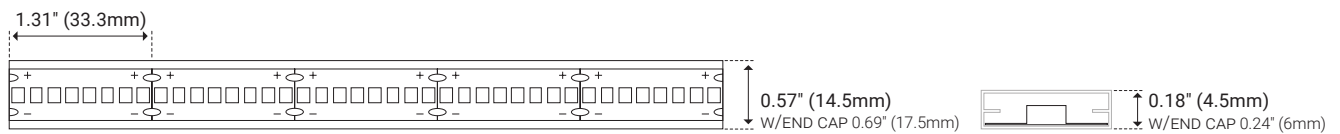


## I Series Data

Output (lm/ft)	UNI3-WL 100	UNI3-WL 200	UNI3-WL 300	UNI3-WL 400	UNI3-WL 500	UNI3-WL 750	UNI3-WL 1000	UNI3-WL 1250	UNI3-WL 1500
Lumens (per ft)	1800K	80	156	235	311	375	610	812	1211
	2200K	87	170	256	339	408	643	858	1278
	2400K	89	175	265	350	421	658	877	1307
	2700K	93	181	276	364	439	676	901	1108
	3000K	96	187	283	374	451	691	922	1133
	3500K	99	193	292	386	466	709	947	1163
	4000K	101	197	297	393	473	721	961	1182
	5000K	102	199	300	397	479	730	972	1195
	6500K	106	206	312	413	498	728	971	1193
Wattage <sup>1</sup> (per ft)	0.70	1.3	2.0	2.6	3.4	4.4	5.6	7.2	8.6
Efficiency (lm/W)	138	141	144	144	134	155	166	157	159
Max Run Length (ft)	46	30	25	22	19	17	14	11	11

<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)

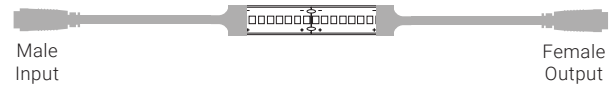
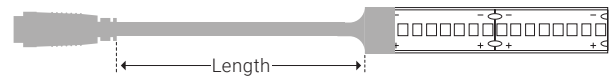


For leads on both input and output, specify 2x FML-xC-xx per run.

### Lead with DC Plug



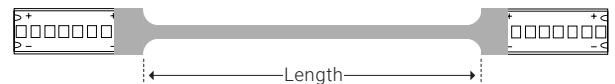
Unit Number	Length
FML-2C-DC-1-M	12.00" (305.0mm)
FML-2C-DC-1-F	12.00" (305.0mm)
FML-2C-DC-6-M	72.00" (1.82m)
FML-2C-DC-6-F	72.00" (1.82m)
FML-2C-DC-10-M	120.00" (3.04m)
FML-2C-DC-10-F	120.00" (3.04m)



### 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

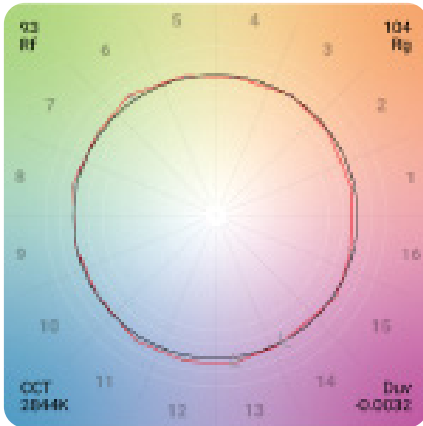


## I Power Chart

		UNI3-WL-100	UNI3-WL-200	UNI3-WL-300	UNI3-WL-400	UNI3-WL-500	UNI3-WL-750	UNI3-WL-1000	UNI3-WL-1250	UNI3-WL-1500
Watts	1 ft	0.7	1.5	2.2	3	3.9	5.3	6.7	8.6	10.7
	2 ft	1.5	2.9	4.6	6.1	7.9	10.4	13	16.6	20.5
	3 ft	2.3	4.5	6.7	9	11.7	15.5	19.2	24.1	29.6
	4 ft	3.1	5.9	8.9	11.8	15.4	20.2	25	31.3	38.1
	5 ft	3.8	7.4	11	14.6	18.6	24.6	29.5	37.4	44.8
	6 ft	4.6	8.8	12.9	17.1	21.9	28.5	34.8	43.2	51.6
	7 ft	5.4	10.1	14.9	19.6	24.8	32.6	39.4	48	56.9
	8 ft	6	11.5	16.8	22.1	28	36.2	43.4	52.8	61.5
	9 ft	6.9	12.7	18.7	24.5	31.1	39.7	47.3	57.4	66.3
	10 ft	7.6	14	20.5	26.7	33.8	43.6	51.3	61.1	70.3
	11 ft	8.3	15.2	22.3	29	36.2	46.5	54.5	65.9	74.4
	12 ft	9	16.4	24.1	31.1	38.5	49.3	57.8	-	-
	13 ft	9.7	17.8	25.8	33	40.7	51.4	60.5	-	-
	14 ft	10.3	18.9	27.4	33.4	42.7	53.8	62.9	-	-
	15 ft	11	19.9	28.7	36.8	44.7	56.9	-	-	-
	16 ft	11.8	21.1	30.4	38.7	46.8	59.3	-	-	-
	17 ft	12.4	22.3	31.8	40.2	48.9	61.7	-	-	-
	18 ft	13	23.3	33.4	41.9	50.3	-	-	-	-
	19 ft	13.7	24.3	34.7	43.5	52.1	-	-	-	-
	20 ft	14.2	25.5	35.8	45	-	-	-	-	-
	21 ft	14.9	26.4	36.9	46	-	-	-	-	-
	22 ft	15.4	27.5	37.3	47.6	-	-	-	-	-
	23 ft	16.1	28.3	38	-	-	-	-	-	-
	24 ft	16.6	29.3	39	-	-	-	-	-	-
	25 ft	17.2	30.1	40.3	-	-	-	-	-	-
	26 ft	17.8	30.8	-	-	-	-	-	-	-
	27 ft	18.4	31.6	-	-	-	-	-	-	-
	28 ft	19	32.4	-	-	-	-	-	-	-
	29 ft	19.5	33.4	-	-	-	-	-	-	-
	30 ft	20.1	34.2	-	-	-	-	-	-	-
	31 ft	20.7	-	-	-	-	-	-	-	-
	32 ft	21.1	-	-	-	-	-	-	-	-
	33 ft	21.7	-	-	-	-	-	-	-	-
	34 ft	22.2	-	-	-	-	-	-	-	-
	35 ft	22.7	-	-	-	-	-	-	-	-
	36 ft	23.2	-	-	-	-	-	-	-	-
	37 ft	23.7	-	-	-	-	-	-	-	-
	38 ft	24.2	-	-	-	-	-	-	-	-
	39 ft	24.6	-	-	-	-	-	-	-	-
	40 ft	25.1	-	-	-	-	-	-	-	-
	41 ft	25.5	-	-	-	-	-	-	-	-
	42 ft	26	-	-	-	-	-	-	-	-
	43 ft	26.3	-	-	-	-	-	-	-	-
	44 ft	26.8	-	-	-	-	-	-	-	-
	45 ft	27.2	-	-	-	-	-	-	-	-
	46 ft	27.4	-	-	-	-	-	-	-	-



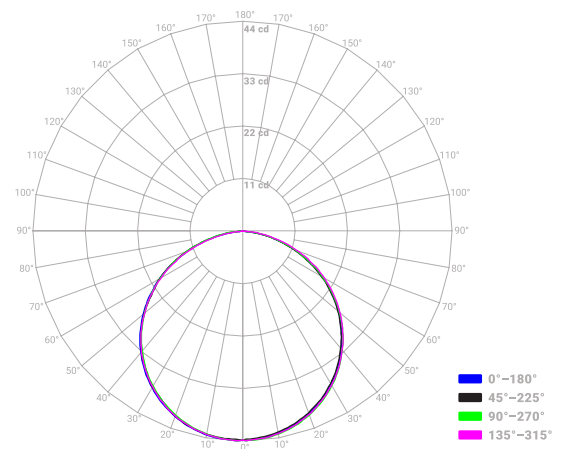
## I Colorimetric Details (3000K)



## I Photometric Details (3000K)

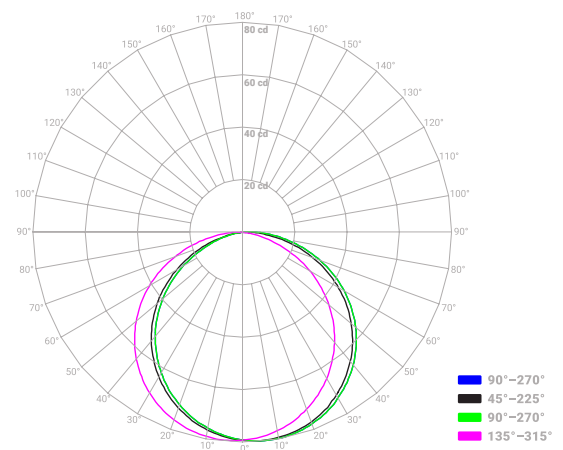
### UNI3-WH 100

Mtg Height	Light Level	Beam Diameter
1.00 ft	43.50 fc	3.10 ft
2.00 ft	10.87 fc	6.20 ft
3.00 ft	4.83 fc	9.30 ft
4.00 ft	2.72 fc	12.40 ft
5.00 ft	1.74 fc	15.50 ft
6.00 ft	1.21 fc	18.60 ft
8.00 ft	0.68 fc	24.80 ft
10.00 ft	0.43 fc	31.00 ft
12.00 ft	0.30 fc	37.20 ft
15.00 ft	0.19 fc	46.50 ft



### UNI3-WH 200

Mtg Height	Light Level	Beam Diameter
1.00 ft	79.87 fc	3.07 ft
2.00 ft	19.97 fc	6.14 ft
3.00 ft	8.87 fc	9.21 ft
4.00 ft	4.99 fc	12.29 ft
5.00 ft	3.19 fc	15.36 ft
6.00 ft	2.22 fc	18.43 ft
8.00 ft	1.25 fc	24.57 ft
10.00 ft	0.80 fc	30.71 ft
12.00 ft	0.55 fc	36.86 ft
15.00 ft	0.35 fc	46.07 ft

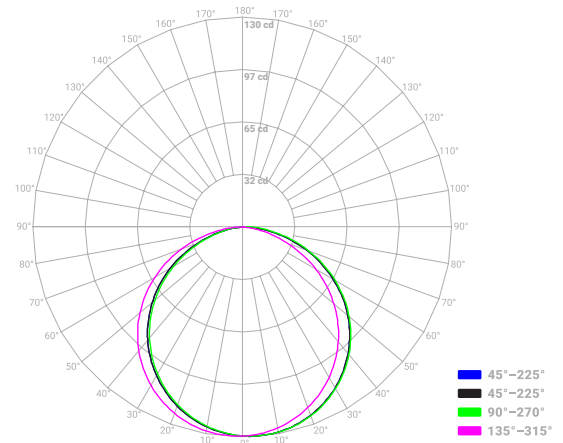




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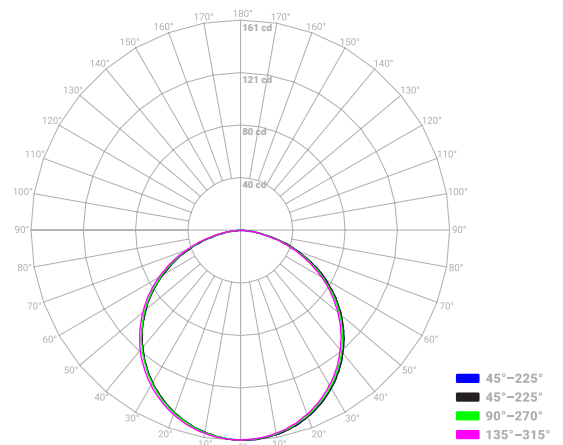
### UNI3-WH 300

Mtg Height	Light Level	Beam Diameter
1.00 ft	129.52 fc	3.09 ft
2.00 ft	32.38 fc	6.18 ft
3.00 ft	14.39 fc	9.27 ft
4.00 ft	8.10 fc	12.36 ft
5.00 ft	5.18 fc	15.44 ft
6.00 ft	3.60 fc	18.53 ft
8.00 ft	2.02 fc	24.71 ft
10.00 ft	1.30 fc	30.89 ft
12.00 ft	0.90 fc	37.07 ft
15.00 ft	0.58 fc	46.33 ft



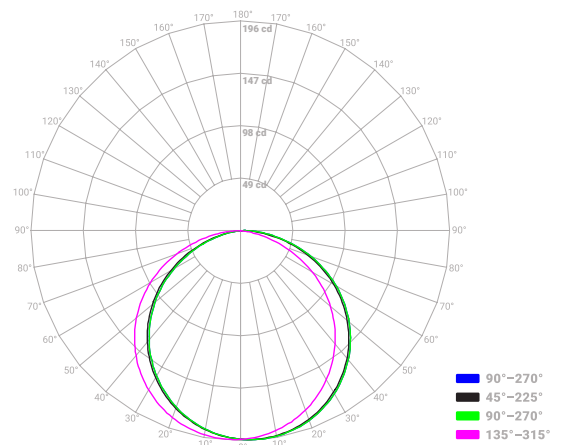
### UNI3-WH 400

Mtg Height	Light Level	Beam Diameter
1.00 ft	160.72 fc	3.10 ft
2.00 ft	40.18 fc	6.20 ft
3.00 ft	17.86 fc	9.29 ft
4.00 ft	10.05 fc	12.39 ft
5.00 ft	6.43 fc	15.59 ft
6.00 ft	4.46 fc	18.59 ft
8.00 ft	2.51 fc	24.78 ft
10.00 ft	1.61 fc	31.98 ft
12.00 ft	1.12 fc	37.17 ft
15.00 ft	0.71 fc	46.47 ft



### UNI3-WH 500

Mtg Height	Light Level	Beam Diameter
1.00 ft	195.11 fc	3.08 ft
2.00 ft	48.78 fc	6.17 ft
3.00 ft	21.68 fc	9.25 ft
4.00 ft	12.19 fc	12.33 ft
5.00 ft	7.80 fc	15.42 ft
6.00 ft	5.42 fc	18.50 ft
8.00 ft	3.05 fc	24.67 ft
10.00 ft	1.95 fc	30.84 ft
12.00 ft	1.35 fc	37.00 ft
15.00 ft	0.87 fc	46.25 ft

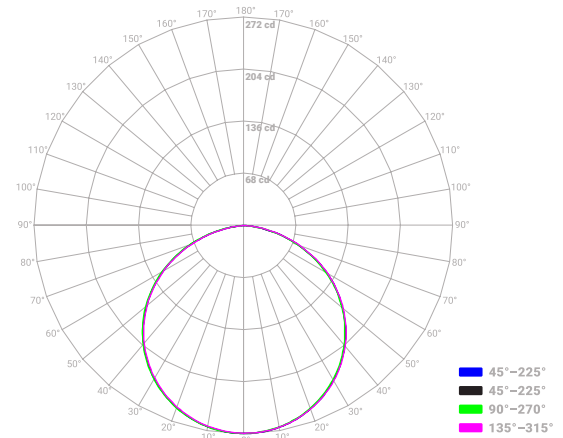




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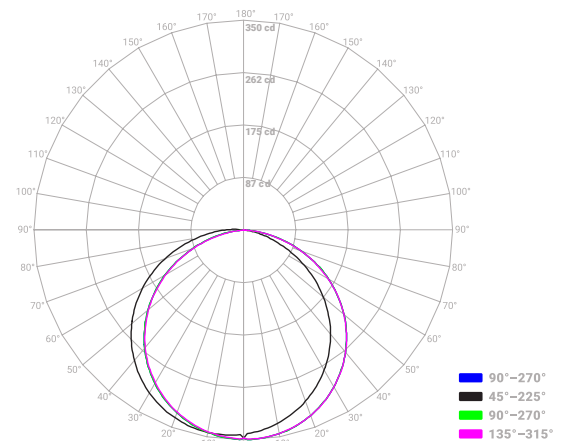
### UNI3-WH 750

Mtg Height	Light Level	Beam Diameter
1.00 ft	272.15 fc	3.13 ft
2.00 ft	68.04 fc	6.25 ft
3.00 ft	30.24 fc	9.38 ft
4.00 ft	17.01 fc	12.50 ft
5.00 ft	10.89 fc	15.63 ft
6.00 ft	7.56 fc	18.75 ft
8.00 ft	4.25 fc	25.01 ft
10.00 ft	2.72 fc	31.26 ft
12.00 ft	1.89 fc	37.51 ft
15.00 ft	1.21 fc	46.89 ft



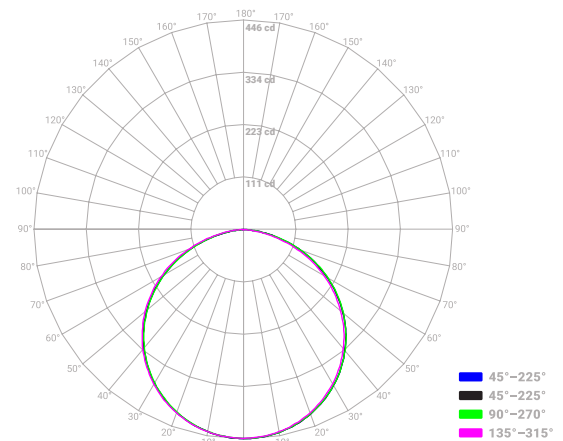
### UNI3-WH 1000

Mtg Height	Light Level	Beam Diameter
1.00 ft	346.96 fc	3.11 ft
2.00 ft	86.74 fc	6.23 ft
3.00 ft	38.55 fc	9.34 ft
4.00 ft	21.68 fc	12.45 ft
5.00 ft	13.88 fc	15.57 ft
6.00 ft	9.64 fc	18.68 ft
8.00 ft	5.42 fc	24.91 ft
10.00 ft	3.47 fc	31.13 ft
12.00 ft	2.41 fc	37.36 ft
15.00 ft	1.54 fc	46.70 ft



### UNI3-WH 1250

Mtg Height	Light Level	Beam Diameter
1.00 ft	445.53 fc	3.11 ft
2.00 ft	111.38 fc	6.23 ft
3.00 ft	49.50 fc	9.34 ft
4.00 ft	27.85 fc	12.45 ft
5.00 ft	17.82 fc	15.57 ft
6.00 ft	12.38 fc	18.68 ft
8.00 ft	6.96 fc	24.90 ft
10.00 ft	4.46 fc	31.13 ft
12.00 ft	3.09 fc	37.36 ft
15.00 ft	1.98 fc	46.70 ft





# I Photometric Details (3000K)

## UNI3-WH 1500

Mtg Height	Light Level	Beam Diameter
1.00 ft	514.78 fc	3.13 ft
2.00 ft	128.69 fc	6.26 ft
3.00 ft	57.20 fc	9.40 ft
4.00 ft	32.17 fc	12.53 ft
5.00 ft	20.59 fc	15.66 ft
6.00 ft	14.30 fc	18.79 ft
8.00 ft	8.04 fc	25.06 ft
10.00 ft	5.15 fc	31.32 ft
12.00 ft	3.57 fc	37.59 ft
15.00 ft	2.29 fc	46.99 ft

