

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.

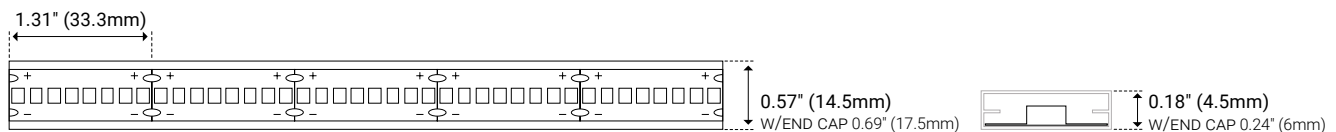
I Features

- 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
- Offering 1-step, 2-step, and 3-step SDCM

I Series Spec

Series	UNI1-WL / UNI2-WL / UNI3-WL
Temp/Colors*	1800K–6500K
Input Voltage	24V DC/Constant Voltage
Beam Spread	120°
CRI	90–98
SDCM	1-Step, 2-Step, and 3-Step
Diode	2835
Diode Pitch	0.17" (4.3mm)
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 Dimensions



* Customizable—Consult Factory
1250lm/ft and 1500lm/ft only available in 3-Step
±5% tolerance for all listed data

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



I Product Code Builder

Series	Location	Output*	Temp/ Color*	Voltage	Modification
Series	Location	Output*	Temp/ Colors*	Voltage	Modification
UNI1-WL – Uniform Static White 1-Step UNI2-WL – Uniform Static White 2-Step UNI3-WL – Uniform Static White 3-Step	O – Outdoor	100 – 100 lm/ft 200 – 200 lm/ft 300 – 300 lm/ft 400 – 400 lm/ft 500 – 500 lm/ft 750 – 750 lm/ft 1000 – 1000 lm/ft 1250 – 1250 lm/ft‡ 1500 – 1500 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: UNI1-WL-O-100-18K-24V-NA

I Series Data

		100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)
1-Step & 2-Step	1800K	85	177	284	383	488	678	832
	2200K	93	194	311	420	535	717	879
	2400K	95	198	318	430	546	732	899
	2700K	99	207	332	448	570	752	923
	3000K	102	213	342	462	588	770	945
	3500K	106	220	353	476	606	791	970
	4000K	107	224	359	485	617	803	985
	5000K	109	227	363	491	624	812	996
	6500K	113	236	378	510	649	813	997
	Wattage¹ (per ft)	0.8	1.7	2.5	3.6	4.0	6.4	8.5
	Efficacy (lm/W)	130	125	140	128	148	121	111
	Max Run Length (ft)	46	36	29	24	20	16	12

* Customizable—Consult Factory

¹Power consumption based on average wattage per foot. Refer to Power Chart on page 5–6 for details.

‡1250lm/ft and 1500lm/ft only available in 3-Step

±5% tolerance for all listed data



I Series Data

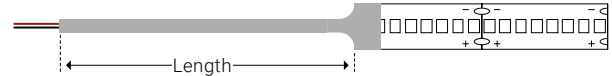
		100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
3-Step	1800K	80	156	235	311	375	610	812	998	1211
	2200K	87	170	256	339	408	643	858	1054	1278
	2400K	89	175	265	350	421	658	877	1078	1307
	2700K	93	181	276	364	439	676	901	1108	1343
	3000K	96	187	283	374	451	691	922	1133	1373
	3500K	99	193	292	386	466	709	947	1163	1409
	4000K	101	197	297	393	473	721	961	1182	1432
	5000K	102	199	300	397	479	730	972	1195	1449
	6500K	106	206	312	413	498	728	971	1193	1446
	Wattage ¹ (per ft)	0.7	1.3	2.0	2.6	3.4	4.4	5.6	7.2	8.6
	Efficacy (lm/W)	138	141	144	144	134	155	166	157	159
	Max Run Length (ft)	46	30	25	22	19	17	14	11	11

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)

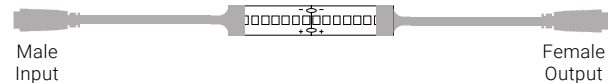


For leads on both input and output, specify 2x FML-2C-xx per run.

Lead with DC Plug



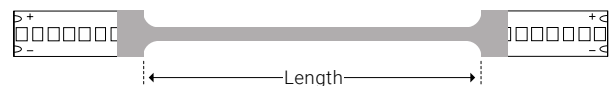
Unit Number	Length*
FML-2C-DC-1-M	12.00" (305.0mm)
FML-2C-DC-1-F	12.00" (305.0mm)
FML-2C-DC-6-M	72.00" (1.82m)
FML-2C-DC-6-F	72.00" (1.82m)
FML-2C-DC-10-M	120.00" (3.04m)
FML-2C-DC-10-F	120.00" (3.04m)



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

¹Power consumption based on average wattage per foot. Refer to Power Chart on page 5–6 for details.

±5% tolerance for all listed data



I Power Chart (1-Step & 2-Step)

		100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)
Watts	1 ft	0.8	1.8	2.6	3.9	4.2	6.9	9.2
	2 ft	1.6	3.7	5.1	7.8	8.5	13.8	18.2
	3 ft	2.4	5.5	7.7	11.6	12.7	20.5	27.0
	4 ft	3.3	7.4	10.0	15.5	16.7	27.1	35.4
	5 ft	4.1	9.2	12.5	19.2	20.8	33.3	43.7
	6 ft	4.9	11.0	15.0	22.9	24.7	39.5	51.3
	7 ft	5.8	12.8	17.5	26.7	28.6	45.4	58.8
	8 ft	6.6	14.5	20.2	30.2	32.4	51.0	65.9
	9 ft	7.4	16.3	22.9	33.7	36.0	56.3	72.2
	10 ft	8.2	18.0	25.5	37.0	40.1	61.5	78.2
	11 ft	9.0	19.8	28.0	40.3	43.6	66.5	84.0
	12 ft	9.8	21.5	30.4	43.5	46.9	71.1	89.0
	13 ft	10.6	23.1	32.9	46.6	50.2	75.6	-
	14 ft	11.4	24.8	35.3	49.5	51.7	79.8	-
	15 ft	12.1	26.4	37.6	52.3	56.1	83.7	-
	16 ft	12.9	28.0	39.9	55.2	58.9	87.0	-
	17 ft	13.7	29.5	42.1	57.8	61.7	-	-
	18 ft	14.4	31.0	44.2	60.4	64.2	-	-
	19 ft	15.2	32.6	46.3	62.8	66.6	-	-
	20 ft	15.9	34.0	48.3	65.0	69.2	-	-
	21 ft	16.7	35.4	50.3	67.3	-	-	-
	22 ft	17.4	36.8	52.2	69.4	-	-	-
	23 ft	18.2	38.2	54.0	71.4	-	-	-
	24 ft	18.9	39.5	55.8	73.4	-	-	-
	25 ft	19.6	40.8	57.4	-	-	-	-
	26 ft	20.3	42.1	59.1	-	-	-	-
	27 ft	21.0	43.3	60.6	-	-	-	-
	28 ft	21.7	44.5	62.2	-	-	-	-
	29 ft	22.4	45.7	63.5	-	-	-	-
	30 ft	23.0	46.8	-	-	-	-	-
	31 ft	23.6	48.0	-	-	-	-	-
	32 ft	24.3	49.1	-	-	-	-	-
	33 ft	24.9	50.1	-	-	-	-	-
	34 ft	25.6	51.1	-	-	-	-	-
	35 ft	26.2	52.1	-	-	-	-	-
	36 ft	26.8	53.1	-	-	-	-	-
	37 ft	27.4	-	-	-	-	-	-
	38 ft	28.0	-	-	-	-	-	-
	39 ft	28.6	-	-	-	-	-	-
	40 ft	29.2	-	-	-	-	-	-
	41 ft	29.7	-	-	-	-	-	-
	42 ft	30.3	-	-	-	-	-	-
	43 ft	30.8	-	-	-	-	-	-
	44 ft	31.3	-	-	-	-	-	-
	45 ft	31.9	-	-	-	-	-	-
	46 ft	32.4	-	-	-	-	-	-

1250lm/ft and 1500lm/ft only available in 3-Step
±5% tolerance for all listed



I Power Chart (3-Step)

		100 (lm/ft)	200 (lm/ft)	300 (lm/ft)	400 (lm/ft)	500 (lm/ft)	750 (lm/ft)	1000 (lm/ft)	1250 (lm/ft)	1500 (lm/ft)
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	-	-	-	-	-	-	-	-

±5% tolerance for all listed data



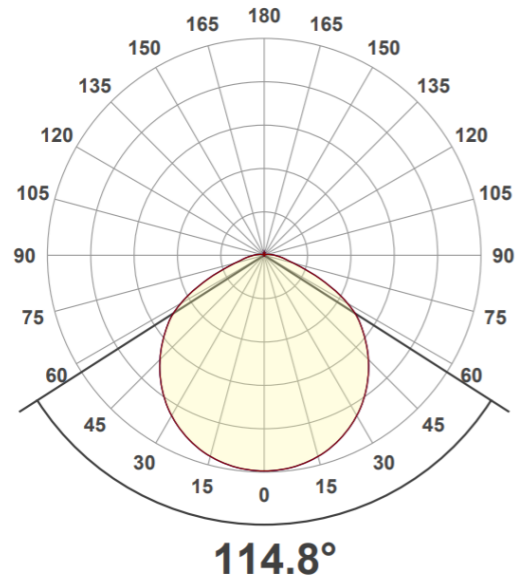
I TM30 Data

		CRI	Rf	Rg	R9
1-Step	300 lm/ft	96.6	94.5	102	96
	1000 lm/ft	96.8	95.4	103	97
2-Step	300 lm/ft	97.4	94.7	102	98
	1000 lm/ft	96.8	95.1	102.2	96
3-Step	300 lm/ft	93.5	90.9	99.2	87
	1000 lm/ft	95.2	92.9	103	84

Values are at 3000K

I Polar Plot

UNI1-WL-O-300-30K



I Cone of Light

UNI1-WL-O-100-30K / UNI2-WL-O-100-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	70.7 fc	3.1 ft
2.0 ft	17.7 fc	6.2 ft
3.0 ft	7.9 fc	9.3 ft
4.0 ft	4.4 fc	12.3 ft
5.0 ft	2.8 fc	15.4 ft
6.0 ft	2.0 fc	18.5 ft
7.0 ft	1.4 fc	21.6 ft
8.0 ft	1.1 fc	24.7 ft
9.0 ft	0.9 fc	27.8 ft
10.0 ft	0.7 fc	30.9 ft

UNI1-WL-O-200-30K / UNI2-WL-O-200-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	136.6 fc	3.1 ft
2.0 ft	34.2 fc	6.2 ft
3.0 ft	15.2 fc	9.3 ft
4.0 ft	8.5 fc	12.4 ft
5.0 ft	5.5 fc	15.6 ft
6.0 ft	3.8 fc	18.7 ft
7.0 ft	2.8 fc	21.8 ft
8.0 ft	2.1 fc	24.9 ft
9.0 ft	1.7 fc	28.0 ft
10.0 ft	1.4 fc	31.1 ft

±5% tolerance for all listed data



I Cone of Light

UNI1-WL-O-300-30K / UNI2-WL-O-300-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	227.6 fc	3.1 ft
2.0 ft	56.9 fc	6.2 ft
3.0 ft	25.3 fc	9.4 ft
4.0 ft	14.2 fc	12.5 ft
5.0 ft	9.1 fc	15.6 ft
6.0 ft	6.3 fc	18.7 ft
7.0 ft	4.6 fc	21.9 ft
8.0 ft	3.6 fc	25.0 ft
9.0 ft	2.8 fc	28.1 ft
10.0 ft	2.3 fc	31.2 ft

UNI1-WL-O-400-30K / UNI2-WL-O-400-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	309.4 fc	3.1 ft
2.0 ft	77.3 fc	6.2 ft
3.0 ft	34.4 fc	9.3 ft
4.0 ft	19.3 fc	12.4 ft
5.0 ft	12.4 fc	15.5 ft
6.0 ft	8.6 fc	18.6 ft
7.0 ft	6.3 fc	21.7 ft
8.0 ft	4.8 fc	24.8 ft
9.0 ft	3.8 fc	27.9 ft
10.0 ft	3.1 fc	31.0 ft

UNI1-WL-O-500-30K / UNI2-WL-O-500-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	388.5 fc	3.0 ft
2.0 ft	97.1 fc	6.0 ft
3.0 ft	43.2 fc	9.0 ft
4.0 ft	24.3 fc	11.9 ft
5.0 ft	15.5 fc	14.9 ft
6.0 ft	10.8 fc	17.9 ft
7.0 ft	7.9 fc	20.9 ft
8.0 ft	6.1 fc	23.9 ft
9.0 ft	4.8 fc	26.9 ft
10.0 ft	3.9 fc	29.8 ft

UNI1-WL-O-750-30K / UNI2-WL-O-750-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	536.4 fc	3.1 ft
2.0 ft	134.1 fc	6.2 ft
3.0 ft	59.6 fc	9.3 ft
4.0 ft	33.5 fc	12.4 ft
5.0 ft	21.5 fc	15.5 ft
6.0 ft	14.9 fc	18.7 ft
7.0 ft	10.9 fc	21.8 ft
8.0 ft	8.4 fc	24.9 ft
9.0 ft	6.6 fc	28.0 ft
10.0 ft	5.4 fc	31.1 ft

UNI1-WL-O-1000-30K / UNI2-WL-O-1000-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	601.3 fc	3.0 ft
2.0 ft	150.3 fc	6.0 ft
3.0 ft	66.8 fc	8.9 ft
4.0 ft	37.6 fc	11.9 ft
5.0 ft	24.1 fc	14.9 ft
6.0 ft	16.7 fc	17.9 ft
7.0 ft	12.3 fc	20.8 ft
8.0 ft	9.4 fc	23.8 ft
9.0 ft	7.4 fc	26.8 ft
10.0 ft	6.0 fc	29.8 ft

UNI3-WL-O-100-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	79.1 fc	2.9 ft
2.0 ft	19.8 fc	5.9 ft
3.0 ft	8.8 fc	8.8 ft
4.0 ft	4.9 fc	11.8 ft
5.0 ft	3.2 fc	14.7 ft
6.0 ft	2.2 fc	17.7 ft
7.0 ft	1.6 fc	20.6 ft
8.0 ft	1.2 fc	23.6 ft
9.0 ft	1.0 fc	26.5 ft
10.0 ft	0.8 fc	29.4 ft

±5% tolerance for all listed data



I Cone of Light

UNI3-WL-O-200-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	160.0 fc	2.9 ft
2.0 ft	40.0 fc	5.9 ft
3.0 ft	17.8 fc	8.8 ft
4.0 ft	10.0 fc	11.8 ft
5.0 ft	6.4 fc	14.7 ft
6.0 ft	4.4 fc	17.7 ft
7.0 ft	3.3 fc	20.6 ft
8.0 ft	2.5 fc	23.6 ft
9.0 ft	2.0 fc	26.5 ft
10.0 ft	1.6 fc	29.5 ft

UNI3-WL-O-300-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	217.8 fc	2.9 ft
2.0 ft	54.4 fc	5.8 ft
3.0 ft	24.2 fc	8.8 ft
4.0 ft	13.6 fc	11.7 ft
5.0 ft	8.7 fc	14.6 ft
6.0 ft	6.0 fc	17.5 ft
7.0 ft	4.4 fc	20.5 ft
8.0 ft	3.4 fc	23.4 ft
9.0 ft	2.7 fc	26.3 ft
10.0 ft	2.2 fc	29.2 ft

UNI3-WL-O-400-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	282.7 fc	2.9 ft
2.0 ft	70.7 fc	5.8 ft
3.0 ft	31.4 fc	8.8 ft
4.0 ft	17.7 fc	11.7 ft
5.0 ft	11.3 fc	14.6 ft
6.0 ft	7.9 fc	17.5 ft
7.0 ft	5.8 fc	20.4 ft
8.0 ft	4.4 fc	23.4 ft
9.0 ft	3.5 fc	26.3 ft
10.0 ft	2.8 fc	29.2 ft

UNI3-WL-O-500-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	341.0 fc	3.0 ft
2.0 ft	85.2 fc	5.9 ft
3.0 ft	37.9 fc	8.9 ft
4.0 ft	21.3 fc	11.9 ft
5.0 ft	13.6 fc	14.8 ft
6.0 ft	9.5 fc	17.8 ft
7.0 ft	7.0 fc	20.8 ft
8.0 ft	5.3 fc	23.7 ft
9.0 ft	4.2 fc	26.7 ft
10.0 ft	3.4 fc	29.6 ft

UNI3-WL-O-750-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	538.2 fc	2.9 ft
2.0 ft	134.5 fc	5.9 ft
3.0 ft	59.8 fc	8.8 ft
4.0 ft	33.6 fc	11.7 ft
5.0 ft	21.5 fc	14.7 ft
6.0 ft	14.9 fc	17.6 ft
7.0 ft	11.0 fc	20.5 ft
8.0 ft	8.4 fc	23.5 ft
9.0 ft	6.6 fc	26.4 ft
10.0 ft	5.4 fc	29.3 ft

UNI3-WL-O-1000-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	666.7 fc	2.9 ft
2.0 ft	166.7 fc	5.8 ft
3.0 ft	74.1 fc	8.7 ft
4.0 ft	41.7 fc	11.6 ft
5.0 ft	26.7 fc	14.5 ft
6.0 ft	18.5 fc	17.4 ft
7.0 ft	13.6 fc	20.3 ft
8.0 ft	10.4 fc	23.2 ft
9.0 ft	8.2 fc	26.1 ft
10.0 ft	6.7 fc	29.0 ft

±5% tolerance for all listed data



I Cone of Light

UNI3-WL-O-1250-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	853.9 fc	2.9 ft
2.0 ft	213.5 fc	5.9 ft
3.0 ft	94.9 fc	8.8 ft
4.0 ft	53.4 fc	11.8 ft
5.0 ft	34.2 fc	14.7 ft
6.0 ft	23.7 fc	17.7 ft
7.0 ft	17.4 fc	20.6 ft
8.0 ft	13.3 fc	23.6 ft
9.0 ft	10.5 fc	26.5 ft
10.0 ft	8.5 fc	29.5 ft

UNI3-WL-O-1500-30K

Mtg Height	Light Level	Beam Diameter
1.0 ft	980.1 fc	3.0 ft
2.0 ft	245.0 fc	6.0 ft
3.0 ft	108.9 fc	9.1 ft
4.0 ft	61.3 fc	12.1 ft
5.0 ft	39.2 fc	15.1 ft
6.0 ft	27.2 fc	18.1 ft
7.0 ft	20.0 fc	21.1 ft
8.0 ft	15.3 fc	24.1 ft
9.0 ft	12.1 fc	27.2 ft
10.0 ft	9.8 fc	30.2 ft

±5% tolerance for all listed data