

FIXTURE TYPE _____

PROJECT NAME _____

LOCATION _____



Uniform Ingrade (Indoor/Outdoor)

FLOOR WALL CEILING TAPE



I Description

Our Uniform series provides single bin color consistency in a robust IP68 jacket. Uniform Ingrade is meant to pair with our Floor/Wall/Ceiling channels to provide a walk-over rated light source.

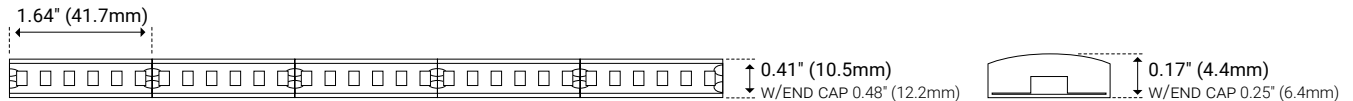
I Features

- 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
- IP68
- Offering 1-Step, 2-Step, and 3-Step SDCM

I Series Spec

Series	UNI1-IN / UNI2-IN / UNI3-IN
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	0.23" (6.0mm)
Cut Intervals	1.6" (41.7mm)
Dimensions	0.41" (10.5mm) × 0.17" (4.4mm)
Dimensions w/End Caps	0.48" (12.2mm) × 0.25" (6.4mm)
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
±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
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Series	Location	Output*	Temp/ Colors*	Voltage	Modification
UNI1-IN – Uniform Ingrade 1-Step UNI2-IN – Uniform Ingrade 2-Step UNI3-IN – Uniform Ingrade 3-Step	O – Outdoor	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: UNI1-IN-O-300-18K-24V-NA

I Series Data

Output (lm/ft)		300 (lm/ft)		
		UNI1-IN	UNI2-IN	UNI3-IN
Lumens (per ft)	1800K	238	258	297
	2200K	293	317	323
	2400K	295	320	333
	2700K	304	329	346
	3000K	343	372	357
	3500K	399	433	369
	4000K	358	388	375
	5000K	337	365	378
	6500K	359	389	394
Wattage ¹ (per ft)		2.8	2.8	2.6
Efficiency (lm/W)		123	133	137
Max Run Length (ft)		27	27	27

* Customizable—Consult Factory

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

±5% tolerance for all listed data



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)

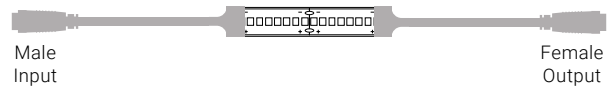


For leads on both input and output, specify 2x FML-2C-xx per run.

Lead with DC Plug



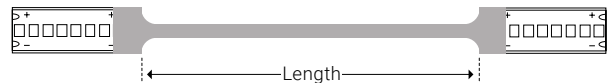
Unit Number	Length*
FML-2C-DC-1-M	12.00" (305.0mm)
FML-2C-DC-1-F	12.00" (305.0mm)
FML-2C-DC-6-M	72.00" (1.82m)
FML-2C-DC-6-F	72.00" (1.82m)
FML-2C-DC-10-M	120.00" (3.04m)
FML-2C-DC-10-F	120.00" (3.04m)



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)



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±5% tolerance for all listed data



I Power Chart

1-Step & 2-Step		300 (lm/ft)
Watts	1 ft	3.1
	2 ft	6.1
	3 ft	9.2
	4 ft	12.2
	5 ft	15.2
	6 ft	18.2
	7 ft	21.1
	8 ft	24.0
	9 ft	26.8
	10 ft	29.5
	11 ft	32.3
	12 ft	34.9
	13 ft	37.5
	14 ft	40.1
	15 ft	42.6
	16 ft	45.0
	17 ft	47.4
	18 ft	49.6
	19 ft	51.8
	20 ft	53.9
	21 ft	56.0
	22 ft	58.0
	23 ft	60.0
	24 ft	61.8
	25 ft	63.7
	26 ft	65.4
	27 ft	67.0

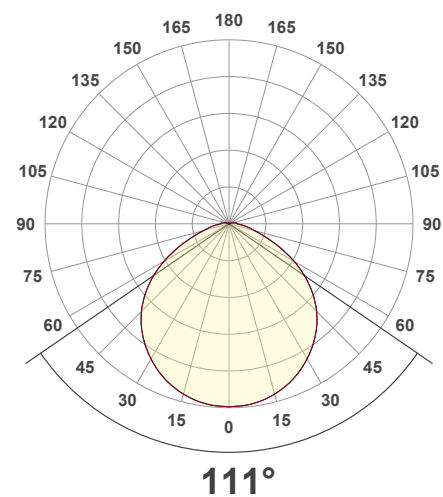
3-Step		300 (lm/ft)
Watts	1 ft	3.1
	2 ft	6
	3 ft	8.9
	4 ft	11.8
	5 ft	14.5
	6 ft	17.2
	7 ft	19.8
	8 ft	22.4
	9 ft	24.8
	10 ft	27.2
	11 ft	29.5
	12 ft	31.8
	13 ft	33.9
	14 ft	36
	15 ft	38
	16 ft	40
	17 ft	41.8
	18 ft	43.6
	19 ft	45.3
	20 ft	47
	21 ft	48.6
	22 ft	50.1
	23 ft	51.5
	24 ft	52.8
	25 ft	54.1
	26 ft	55.3
	27 ft	56.4

I TM30 Data

@ 3000K		CRI	Rf	Rg	R9
1-Step	300 lm/ft	96.9	94.4	101.9	98.0
2-Step		97.6	94.8	102.1	97.0
3-Step		95.3	91.2	98.5	73.0

I Polar Plot

UNI1-IN-O-300-30K



±5% tolerance for all listed



I Cone of Light

UNI1-IN-O-300

Mtg Height	Light Level	Beam Diameter
1.0 ft	229.4 fc	2.9 ft
2.0 ft	57.3 fc	5.8 ft
3.0 ft	25.5 fc	8.7 ft
4.0 ft	14.3 fc	11.6 ft
5.0 ft	9.2 fc	14.5 ft
6.0 ft	6.4 fc	17.5 ft
7.0 ft	4.7 fc	20.4 ft
8.0 ft	3.6 fc	23.3 ft
9.0 ft	2.8 fc	26.2 ft
10.0 ft	2.3 fc	29.1 ft

UNI2-IN-O-300

Mtg Height	Light Level	Beam Diameter
1.0 ft	248.6 fc	3.0 ft
2.0 ft	62.2 fc	5.9 ft
3.0 ft	27.6 fc	8.9 ft
4.0 ft	15.5 fc	11.9 ft
5.0 ft	9.9 fc	14.8 ft
6.0 ft	6.9 fc	17.8 ft
7.0 ft	5.1 fc	20.7 ft
8.0 ft	3.9 fc	23.7 ft
9.0 ft	3.1 fc	26.7 ft
10.0 ft	2.5 fc	29.6 ft

UNI3-IN-O-300

Mtg Height	Light Level	Beam Diameter
1.0 ft	239.0 fc	2.9 ft
2.0 ft	59.7 fc	5.8 ft
3.0 ft	26.6 fc	8.7 ft
4.0 ft	14.9 fc	11.6 ft
5.0 ft	9.6 fc	14.5 ft
6.0 ft	6.6 fc	17.4 ft
7.0 ft	4.9 fc	20.3 ft
8.0 ft	3.7 fc	23.2 ft
9.0 ft	3.0 fc	26.0 ft
10.0 ft	2.4 fc	28.9 ft

±5% tolerance for all listed data