

LineLED Flex 18 is a small profile, high output LED strip specially designed for installations with horizontal plan bend. Bending sections every 1.30" on center allow the LineLED Flex 18 to fit around tight curves.

Mounting

LLED strip is equipped with 3M™ adhesive transfer tape (9472LE).

Applications: Indoor only - cove lighting, architectural reveals, under banister, general ambient lighting, etc.

Approvals

Class 2 damp listed

Operating voltage

24 VDC

Average life

50,000 hours

Warranty

5 years



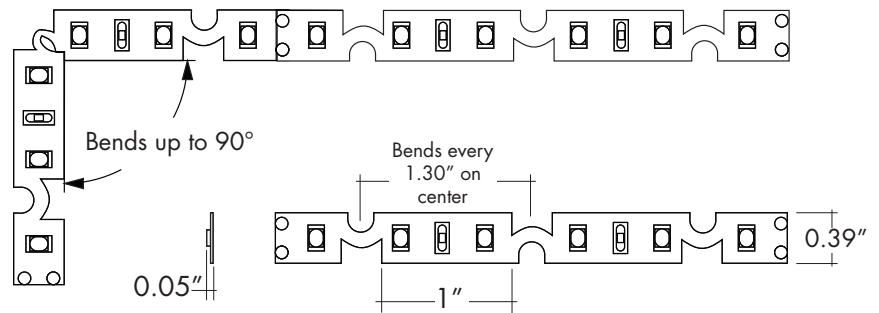
RoHS Compliant



Technical information

MODEL	LLFLEX18
LEDs/ft	18
Light output 3000K	300 lum/ft
Average power consumption (for 15' section)	2.65 W/ft
Ordering increment	4.00"
Maximum run length (in series)	22 ft
Dimensions	0.39" W 0.05" H

PRODUCT DIMENSIONS

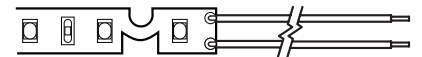


SECTION START/END OPTIONS

No Connection



Soldered Leads



CCT INFO/LUMEN MULTIPLIER

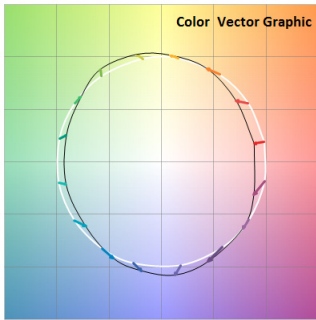
Color temperature	Multiplier	CRI	TM-30-15	
	(referenced from 3000K)		R _f	R _g
2200K	0.87	82	81	99
2400K	0.73	98	95	101
2700K	0.81	98	95	102
3000K	1.00	91	90	101
3500K	1.05	95	90	97
4100K	1.28	93	88	96

Ordering code

MODEL	COLOR TEMPERATURE	SECTION START	SECTION END	LENGTH
LLFLEX18	22K	SL	SL	4
LLFLEX18	22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	SL - Soldered lead wires (72") NC - No connector	SL - Soldered lead wires (72") NC - No connector	4" increments - up to 22'

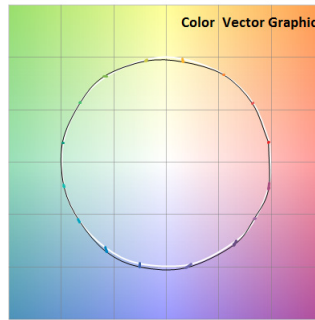
TM-30-15: Data

22K CCT



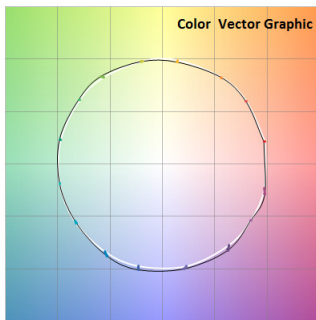
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	0%
2	79	-8%	8%
3	70	-2%	14%
4	85	2%	8%
5	90	5%	5%
6	90	6%	-3%
7	84	-2%	-8%
8	89	-6%	-4%
9	85	-6%	3%
10	78	-6%	11%
11	77	2%	14%
12	79	6%	9%
13	88	8%	-7%
14	67	4%	-20%
15	84	0%	-10%
16	75	-7%	-14%

24K CCT



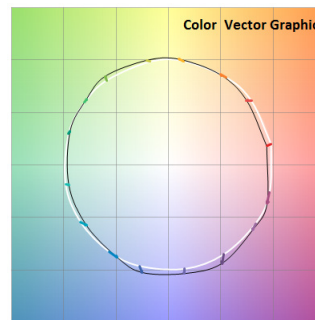
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	97	-1%	0%
3	97	0%	1%
4	95	-3%	-1%
5	96	-1%	2%
6	96	1%	3%
7	97	0%	1%
8	98	1%	0%
9	97	0%	2%
10	95	0%	3%
11	93	3%	4%
12	93	3%	1%
13	93	3%	-6%
14	92	2%	-4%
15	95	-1%	-1%
16	91	0%	-6%

27K CCT



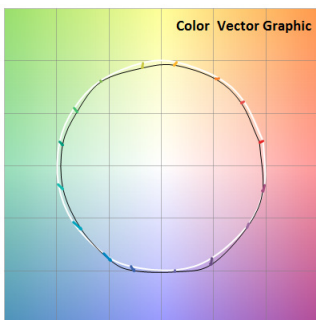
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	97	-1%	0%
2	98	0%	0%
3	96	0%	1%
4	96	-2%	0%
5	96	0%	2%
6	95	2%	2%
7	96	1%	0%
8	98	1%	-1%
9	98	0%	1%
10	95	0%	3%
11	92	2%	5%
12	93	3%	1%
13	95	2%	-3%
14	93	3%	-3%
15	96	0%	-1%
16	91	1%	-6%

30K CCT



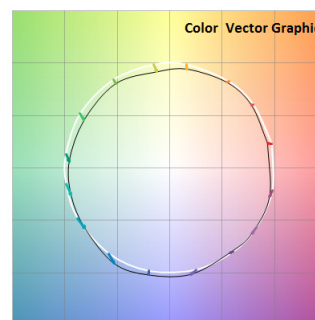
Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	90	-4%	-1%
2	91	-4%	3%
3	86	-1%	7%
4	91	1%	5%
5	92	2%	3%
6	93	4%	-1%
7	92	0%	-4%
8	95	-1%	-2%
9	94	-3%	1%
10	87	-3%	6%
11	84	0%	10%
12	88	6%	4%
13	92	4%	-1%
14	88	6%	-6%
15	89	1%	-7%
16	85	0%	-11%

35K CCT



Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	93	-3%	0%
3	92	-2%	2%
4	92	-3%	1%
5	91	-5%	1%
6	96	-1%	1%
7	92	-4%	1%
8	93	-3%	2%
9	90	-4%	5%
10	83	-3%	10%
11	83	2%	10%
12	89	3%	4%
13	95	2%	-1%
14	90	5%	-4%
15	90	1%	-5%
16	88	0%	-6%

41K CCT



Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	88	-4%	1%
2	93	-2%	1%
3	93	-2%	1%
4	89	-4%	-2%
5	88	-7%	-1%
6	93	-4%	0%
7	88	-7%	3%
8	87	-4%	6%
9	82	-3%	12%
10	79	0%	12%
11	83	5%	9%
12	91	4%	0%
13	89	3%	-6%
14	92	-1%	-3%
15	84	0%	-7%
16	84	-1%	-6%

Power consumption per linear foot

loads tested with PSD series of power supplies (page 4)

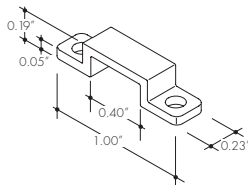
POWER CONSUMPTION PER FOOT

Length of strip (LF)	W/ft	Total wattage
1	3.35	3.35
2	3.35	6.70
3	3.30	9.90
4	3.25	13.00
5	3.20	16.00
6	3.15	18.90
7	3.10	21.70
8	3.05	24.40
9	3.00	27.00
10	2.95	29.50
11	2.90	31.90
12	2.80	33.60
13	2.75	35.75
14	2.70	37.80
15	2.65	39.75
16	2.60	41.60
17	2.55	43.35
18	2.50	45.00
19	2.45	46.55
20	2.40	48.00
21	2.35	49.35
22	2.30	50.60

Accessories

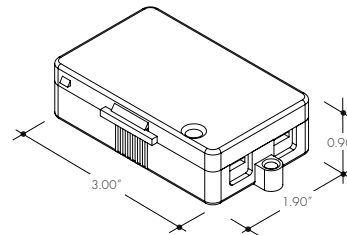
Mounting clip:
recommended at every 12" when
LineLED strip is facing down.

Part # CL-1



Splice Box:
low voltage, 4 terminal
splice box, black.

Part # LVSP-4T-BK



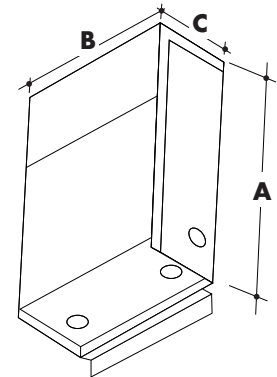
Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

Magnetic Low Voltage Dimming Power Supplies:

MODEL	POWER	OUTPUT	INPUT
PSD	48	24	
PSD - PSD Series dims down to 0%	48 - 48 W 96 - 96 W 288 - 288 W (3x 96W)	24 - 24 VDC	Blank - 120 V 240 - 240 V 277 - 277 V

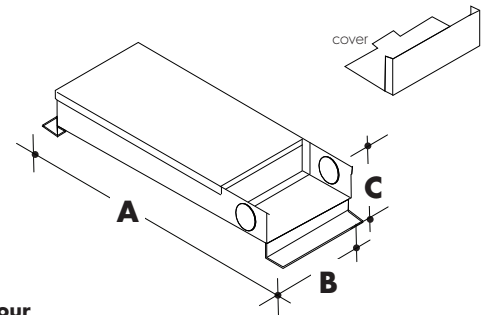
MODELS	PSD 48	PSD 96	PSD 288
A Length	11.25"	11.25"	13.06"
B Width	3.42"	3.42"	8.42"
C Depth	3.42"	3.27"	4.47"



Electronic Low Voltage Dimming Power Supplies:

MODEL	CIRCUIT x POWER	OUTPUT	INPUT
CVE	48D	24	
CVE - CVE Series dims down to 0.1%	48D - 48W 48X2D - 2 x 48W 48X3D - 3 x 48W 48X4D - 4 x 48W 96D - 96W 96X2D - 2 x 96W 96X3D - 3 x 96W 96X4D - 4 x 96W	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

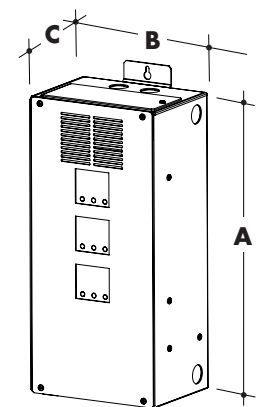
MODELS	Single circuit	Dual circuit	Three circuit	Four circuit
A Length	13.9"	13.8"	13.8"	13.8"
B Width	2.3"	4.0"	5.9"	7.75"
C Depth	1.3"	1.9"	1.9"	1.9"



0-10V Dimming Power Supplies:

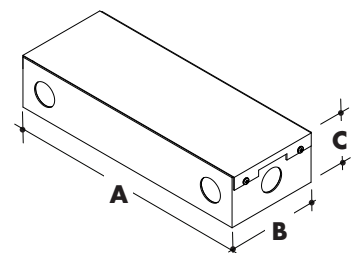
MODEL	POWER	OUTPUT	DIMMING
PSO10V	3X96	24	LIN
PSO10V - 0-10V Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC	LIN - Linear LOG - Logarithmic

MODELS	96 W	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"



MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24	U2DIM	D
PSV - PSV Series dims down to 5%	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2DIM - Dimming 0-10V	D - Dry Location IP65 - Wet Location

MODELS	PSV Dry	PSV Wet
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	1.9"	2.3"



Power supply

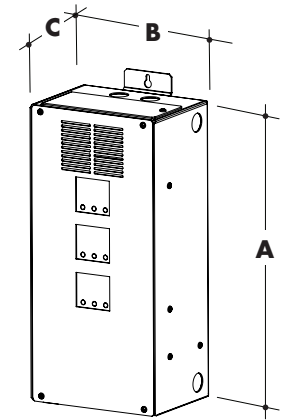
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

DMX Dimming Power Supplies:

MODEL	POWER	OUTPUT
PSDMX	96	24
PSDMX - DMX Power Supply	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	3X96 W
A Length	15.75"
B Width	6.60"
C Depth	4.80"

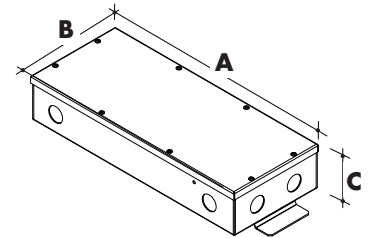


DALI Dimming Power Supplies:

MODEL	POWER	OUTPUT
PSDALI	96	24
PSDALI - DALI Power Supply dims down to 0%	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

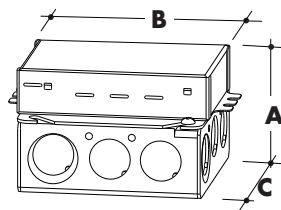
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



Luminii is a Lutron OEM Advantage Partner

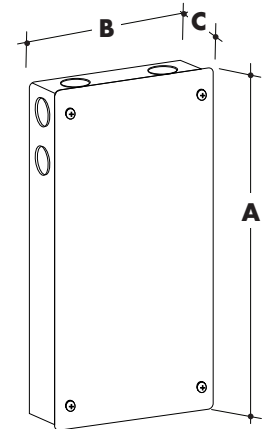
MODEL	L3DA4U1UKL-CV240	
LTEA4U1UKL-CV240	L3DA4U1UKL-CV240	
Lutron - Hi-lume™ 1% 2-wire LED driver (120V forward phase only)	Hi-lume™ 1% EcoSystem Voltage LED Driver	

MODELS	LTEA	L3DA
A Length	4.89"	4.89"
B Width	2.66"	2.66"
C Depth	4.00"	4.00"



MODEL	L3DO-96W24V-U	
L3DO-96W24V-U	L3DO-96W24V-U	
Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™	Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™	

MODELS	L3DO
A Length	10.50"
B Width	5.50"
C Depth	2.00"



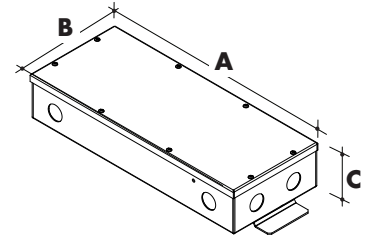
Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

Enlighted Enabled Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	Location
PSV	96	24	ENL	D
PSV - LED Power Supply	96 - 96 WATT	24 - 24 VDC	ENL - Enlighted Dimming	D - Damp

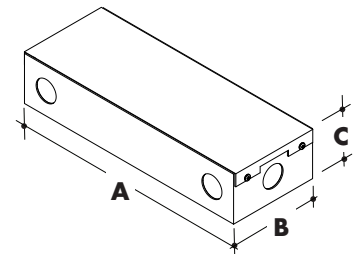
MODELS	96 W
A Length	14.40"
B Width	5.20"
C Depth	2.60"



Non-Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24	U2ND	D
PSV - PSV Series	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location IP65 - Wet Location

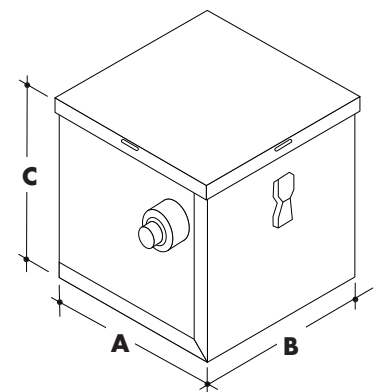
MODELS	PSV Dry	PSV Wet
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	1.9"	2.3"



In ground, Electronic Low Voltage Dimming Power Supplies:

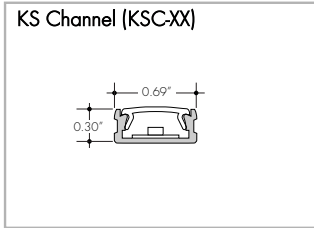
MODEL	CIRCUIT x POWER	OUTPUT	INPUT
IG-CVE	96X2	24	
IG-CVE - In ground CVE Series dims down to 0.1%	96X2 - 2 x 96W	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

MODELS	Dual circuit
A Length	8.0"
B Width	8.0"
C Depth	8.0"

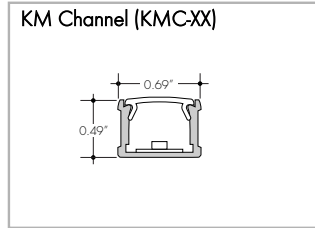


Lens options / light transmission percentage per lens

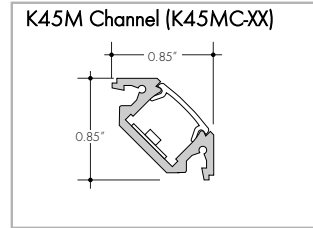
- | | | | | | |
|------------------|------------------------------|-----------------|---------------------------------|---------------------------------|---------------------------------|
| C Clear | HF Half (50%) Frosted | G Graze | SI Satin Ice | S Square Frosted | Q Rounded Square Frosted |
| F Frosted | M Medium beam frosted | R Raised | C36 Clear 36° beam angle | C10 Clear 10° beam angle | |



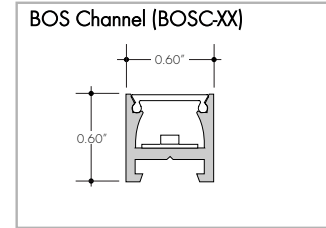
- | | | | | |
|----------|----------|-----------|------------|----------|
| C | F | HF | C36 | R |
| 85% | 55% | 72% | 83% | 51% |



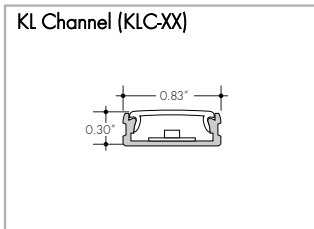
- | | | | | |
|----------|----------|-----------|------------|----------|
| C | F | HF | C10 | R |
| 71% | 42% | 58% | 67% | 39% |



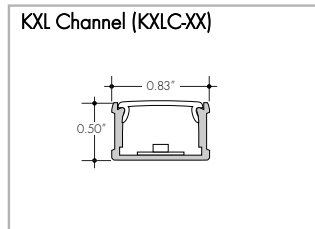
- | | | | |
|----------|----------|-----------|------------|
| C | F | HF | C10 |
| 71% | 42% | 58% | 67% |



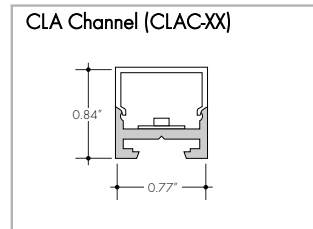
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|----------|-----------|----------|----------|
| F | SI | R | G |
| 43% | 56% | 46% | 67% |



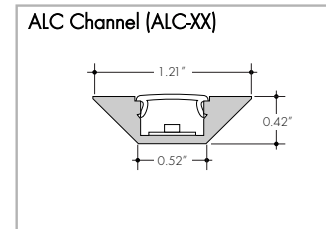
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 83% | 55% | 68% |



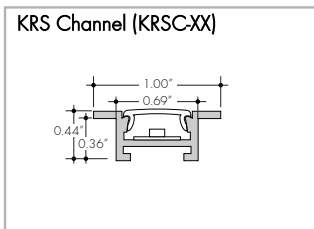
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 74% | 46% | 61% |



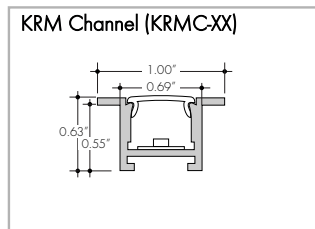
- | | |
|----------|----------|
| S | Q |
| 62% | 63% |



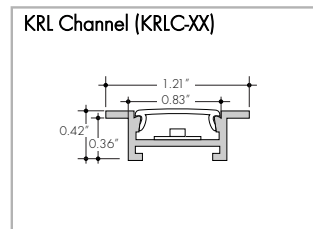
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 79% | 58% | 69% |



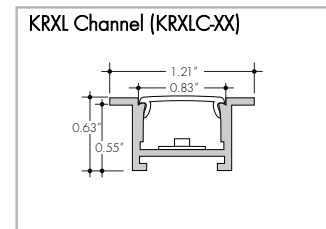
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 85% | 55% | 72% |



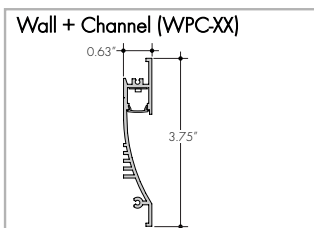
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 71% | 42% | 58% |



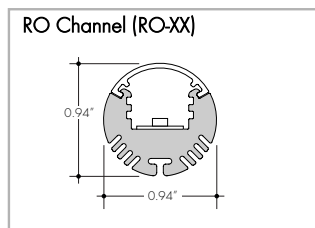
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 83% | 55% | 68% |



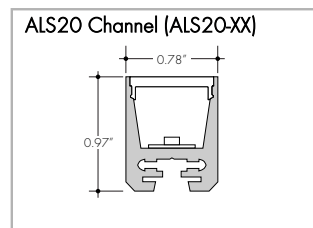
- | | | |
|----------|----------|-----------|
| C | F | HF |
| 74% | 46% | 61% |



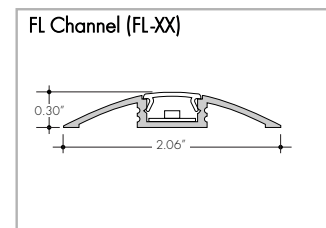
- | | |
|----------|----------|
| C | F |
| 47% | 44% |



- | | |
|----------|----------|
| C | F |
| 75% | 52% |



- | | |
|----------|----------|
| C | F |
| 78% | 43% |



- | | | |
|----------|----------|-----------|
| C | F | HF |
| 85% | 63% | 75% |