



Features




Designed with high efficacy and minimal size in mind, the mCove lighting system is available with long throw and tall throw reflectors, multiple light outputs and color temperature. The black and white finishes are complemented by a paint ready option. Individual fixtures connect easily together to reach long continuous run with no visible dark spots. Compatible with both remote and integrated power supplies. Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5).



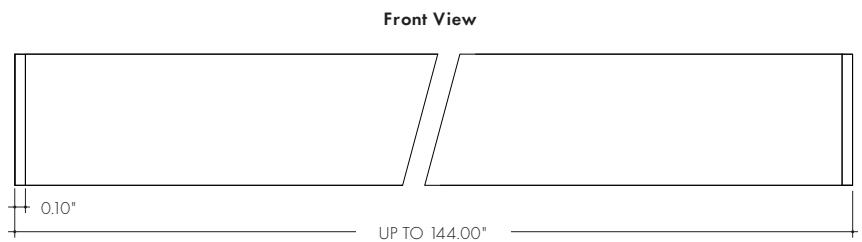
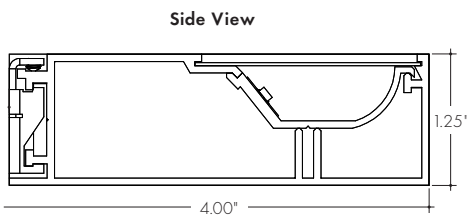
LED Type

- Standard
- High Efficacy

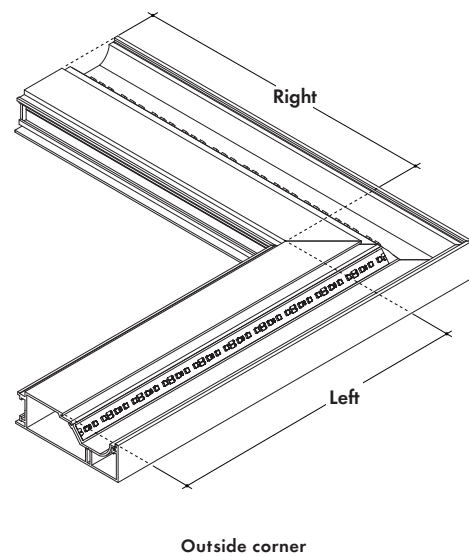
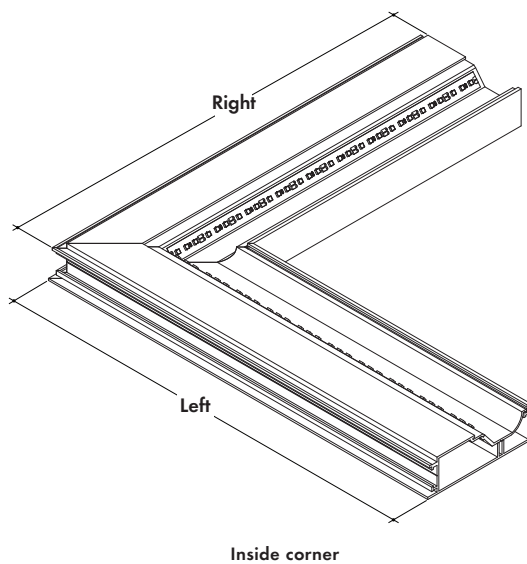
Finish Options

-  Black powder coated
-  White powder coated
-  Paint Ready

Profile Dimensions | mCove Rectangle, all LED options



Corner Options



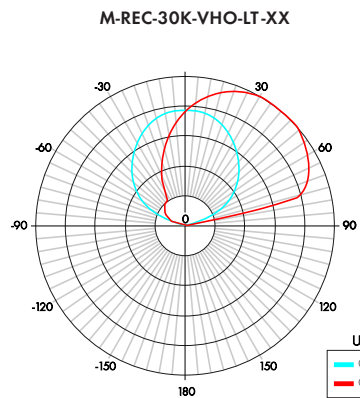
Ordering Code

MODEL	RUN TYPE	CCT	OUTPUT	REFLECTOR	FINISH	POWER FEED POSITION/TYPE
M-REC	12	19K	LO	LT	WH	PFL
M-REC - mCove Rectangle	12"-144" - 4" increments CR-XX - Continuous Straight Run - estimated run length in feet CL - Continuous Layout	LL 19K - 1900K 22K - 2200K 24K - 2400K 27K - 2700K 29K - 2900K 30K - 3000K 35K - 3500K 41K - 4100K	LO - Low SO - Standard MO - Medium HO - High VHO - Very High	LT - Long Throw TT - Short Throw	WH - White BK - Black PR - Paint Ready	PFL - Power Feed Left PFR - Power Feed Right *CR - Continuous Straight Run **CL - Continuous Layout
		HE 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	HELO - Low HESO - Standard HEMO - Medium HEHO - High	LT - Long Throw TT - Short Throw	WH - White BK - Black PR - Paint Ready	PFL - Power Feed Left PFR - Power Feed Right *CR - Continuous Straight Run **CL - Continuous Layout

R - Remote
 INT120 - No Dimming, 120VAC, 40W
 INT120/277 - No dimming, 120/277VAC, 85W
 ***INTELV - ELV dimming, 120VAC, 40W
 INT010120 - 0-10V dimming, 120VAC, 85W
 INT010277 - 0-10V dimming, 277VAC, 85W

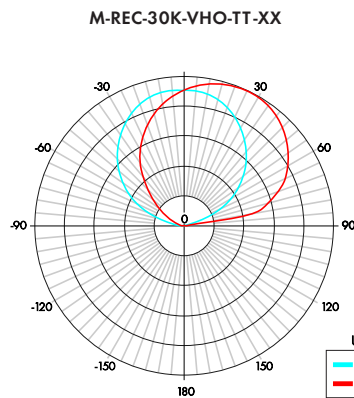
*Required if Run Type "CR" is chosen.
 **Required if Run Type "CL" is chosen
 ***Cannot be ordered with "LO" tape in short lengths.

Photometry



Zonal Lumen Summary 3000K

Zone	% Fixture
0 - 30	22%
0 - 40	37%
0 - 60	69%
0 - 90	99%
Total 0 - 180	100%



Zonal Lumen Summary 3000K

Zone	% Fixture
0 - 30	25%
0 - 40	41%
0 - 60	74%
0 - 90	99%
Total 0 - 180	100%

Technical Information | M-REC Standard LED Series (LL)

OUTPUT OPTIONS	LO LL18	SO LL30	MO LL36	HO LL54	VHO LL72
Light Output (3000K)	116 lm/ft	189 lm/ft	235 lm/ft	329 lm/ft	470 lm/ft
Average Power Consumption at 4' (Low Voltage)	3.65 W/ft	5.11 W/ft	5.78 W/ft	7.89 W/ft	9.75 W/ft
Average Power Consumption at 4' (Line Voltage)	2.1 W/ft	3.1 W/ft	4.0 W/ft	6.0 W/ft	7.2 W/ft
Maximum LED Tape Length <i>Achievable via feed through fixture wiring</i>	80 ft	48 ft	39 ft	26 ft	18 ft
Operating Voltage	24VDC				

CCT INFO/LUMEN MULTIPLIER		TM-30-15		
Color Temperature	Multiplier (reference - 3000K)	CRI	R _f	R _g
1900K	0.63	96	94	97
2200K	0.68	96	95	101
2400K	0.72	98	97	101
2700K	0.76	97	96	101
2900K	0.90	96	93	101
3000K	1.00	97	95	104
3500K	1.05	97	94	105
4100K	1.37	97	90	99

Technical Information | M-REC High Efficacy Series (HE)

OUTPUT OPTIONS	LO LL48HE-LO	SO LL48HE-SO	MO LL48HE-MO	HO LL48HE-HO
Light Output (3000K)	241 lm/ft	333 lm/ft	458 lm/ft	712 lm/ft
Average Power Consumption at 4' (Low Voltage)	3.83 W/ft	4.68 W/ft	5.71 W/ft	8.42 W/ft
Average Power Consumption at 4' (Line Voltage)	2.5 W/ft	3.8 W/ft	4.2 W/ft	7.3 W/ft
Maximum LED Tape Length <i>Achievable via feed through fixture wiring</i>	55 ft	38 ft	27 ft	17 ft
Operating Voltage	24VDC			

CCT INFO/LUMEN MULTIPLIER		TM-30-15		
Color Temperature	Multiplier (reference - 3000K)	CRI	R _f	R _g
2700K	0.94	92	90	99
3000K	1.00	92	89	99
3500K	1.02	92	89	99
4000K	1.02	92	86	94

M-REC LL Series

Power Consumption Per Fixture Length

Nominal Length	LO LL18			SO LL30			MO LL36			HO LL54			VHO LL72		
	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage
12	12-14/16"	1.65	1.65	13-5/16"	2.70	2.70	12-14/16"	3.25	3.25	12-13/16"	5.35	5.30	12-13/16"	6.75	6.75
16	16-13/16"	1.65	2.00	15-12/16"	2.70	3.60	16-12/16"	3.25	4.00	16-12/16"	5.33	7.06	16-11/16"	6.75	9.00
20	20-12/16"	1.65	2.80	20-11/16"	2.70	4.50	20-12/16"	3.25	5.25	20-12/16"	5.31	8.82	20-11/16"	6.75	11.25
24	24-10/16"	1.65	3.00	25-10/16"	2.70	5.40	24-10/16"	3.25	6.50	24-11/16"	5.30	10.60	24-10/16"	6.75	13.50
28	28-9/16"	1.65	3.90	28-1/16"	2.70	6.30	28-9/16"	3.25	7.75	28-9/16"	5.28	12.33	28-9/16"	6.75	16.75
32	32-8/16"	1.65	4.00	33"	2.70	7.20	32-9/16"	3.25	8.50	32-9/16"	5.26	14.06	32-8/16"	6.75	19.00
36	36-8/16"	1.65	5.00	38"	2.70	8.10	36-7/16"	3.25	9.75	36-8/16"	5.25	15.80	36-7/16"	6.65	19.95
40	40-6/16"	1.64	5.50	40-6/16"	2.65	8.90	40-6/16"	3.25	10.25	40-7/16"	5.23	17.40	41-6/16"	6.65	22.20
44	44-5/16"	1.64	6.00	45-5/16"	2.65	9.70	44-6/16"	3.20	11.75	44-6/16"	5.12	19.00	45-5/16"	6.65	24.40
48	48-4/16"	1.63	6.60	50-4/16"	2.65	10.60	48-5/16"	3.20	12.80	48-5/16"	5.20	20.60	49-4/16"	6.55	26.20
52	53-3/16"	1.63	7.10	52-11/16"	2.65	11.40	52-4/16"	3.20	13.30	53-9/16"	5.18	22.40	53-3/16"	6.55	28.50
56	56-3/16"	1.63	7.10	57-11/16"	2.65	12.20	56-3/16"	3.20	14.80	57-8/16"	5.16	24.20	57-2/16"	6.55	30.50
60	60-1/16"	1.63	8.20	60-1/16"	2.65	13.30	60-2/16"	3.20	16.00	61-7/16"	5.15	26.00	61-1/16"	6.45	32.25
64	64"	1.63	8.80	65"	2.65	14.20	64-1/16"	3.20	17.00	65-6/16"	5.13	27.60	65"	6.45	34.40
68	67-15/16"	1.62	9.30	69-14/16"	2.65	15.10	69-15/16"	3.15	18.00	69-5/16"	5.11	29.20	68-15/16"	6.45	36.55
72	71-14/16"	1.62	9.80	72-6/16"	2.65	15.90	73-14/16"	3.15	18.90	73-4/16"	5.10	30.80	72-14/16"	6.40	38.40
76	75-14/16"	1.62	10.40	77-6/16"	2.60	16.70	77-13/16"	3.15	19.00	77-3/16"	5.08	32.40	76-13/16"	6.40	40.50
80	79-12/16"	1.62	10.90	82-3/16"	2.60	17.50	81-13/16"	3.15	21.50	81-3/16"	5.06	34.00	80-12/16"	6.40	43.00
84	83-11/16"	1.62	11.50	84-10/16"	2.60	18.20	85-11/16"	3.15	22.05	85-2/16"	5.05	35.70	84-11/16"	6.25	43.75
88	87-10/16"	1.62	12.00	89-10/16"	2.55	19.10	89-10/16"	3.15	23.00	89"	5.03	37.10	88-10/16"	6.25	46.00
92	91-9/16"	1.62	12.50	92-1/16"	2.55	20.00	93-9/16"	3.10	24.00	92-15/16"	5.01	38.50	92-9/16"	6.25	48.00
96	95-9/16"	1.62	13.10	97"	2.55	20.80	97-8/16"	3.10	24.80	96-15/16"	5.00	40.00	97-8/16"	6.15	49.20
100	99-7/16"	1.61	13.50	101-14/16"	2.55	21.70	101-8/16"	3.10	26.30	100-14/16"	4.98	41.60	101-7/16"	6.15	51.25
104	103-6/16"	1.61	14.00	104-5/16"	2.55	22.50	105-6/16"	3.05	27.10	104-13/16"	4.98	43.20	105-5/16"	6.15	53.00
108	111-4/16"	1.60	14.50	109-5/16"	2.50	23.40	109-6/16"	3.05	28.00	108-12/16"	4.95	44.80	109-5/16"	6.00	54.00
112	115-4/16"	1.60	15.00	114-3/16"	2.50	24.10	113-5/16"	3.05	28.50	112-11/16"	4.93	46.20	113-4/16"	6.00	56.00
116	119-2/16"	1.60	15.50	116-11/16"	2.50	24.80	117-3/16"	3.05	30.00	116-10/16"	4.91	47.60	117-3/16"	6.00	58.00
120	123-1/16"	1.59	16.50	121-9/16"	2.50	25.50	121-3/16"	3.00	30.50	120-10/16"	4.90	48.90	121-2/16"	5.90	59.00
124	127"	1.59	17.00	124"	2.45	26.30	125-2/16"	3.00	31.50	124-9/16"	4.89	50.40	125-1/16"	5.90	60.60
128	130-15/16"	1.59	17.50	129"	2.45	27.30	129"	3.00	32.50	128-8/16"	4.88	51.80	129"	5.90	62.20
132	134-15/16"	1.59	18.10	133-15/16"	2.45	28.10	133"	2.95	33.50	132-7/16"	4.86	53.30	132-15/16"	5.80	63.80
136	138-13/16"	1.59	18.60	136-7/16"	2.45	28.90	136-15/16"	2.95	34.30	136-6/16"	4.84	54.70	136-14/16"	5.80	65.30
140	142-12/16"	1.59	19.10	141-5/16"	2.40	29.80	140-14/16"	2.95	35.20	140-5/16"	4.82	56.10	140-13/16"	5.80	66.80
144	146-12/16"	1.58	19.64	143-13/16"	2.40	30.60	144-13/16"	2.90	36.00	145-9/16"	4.80	57.40	144-12/16"	5.70	68.40

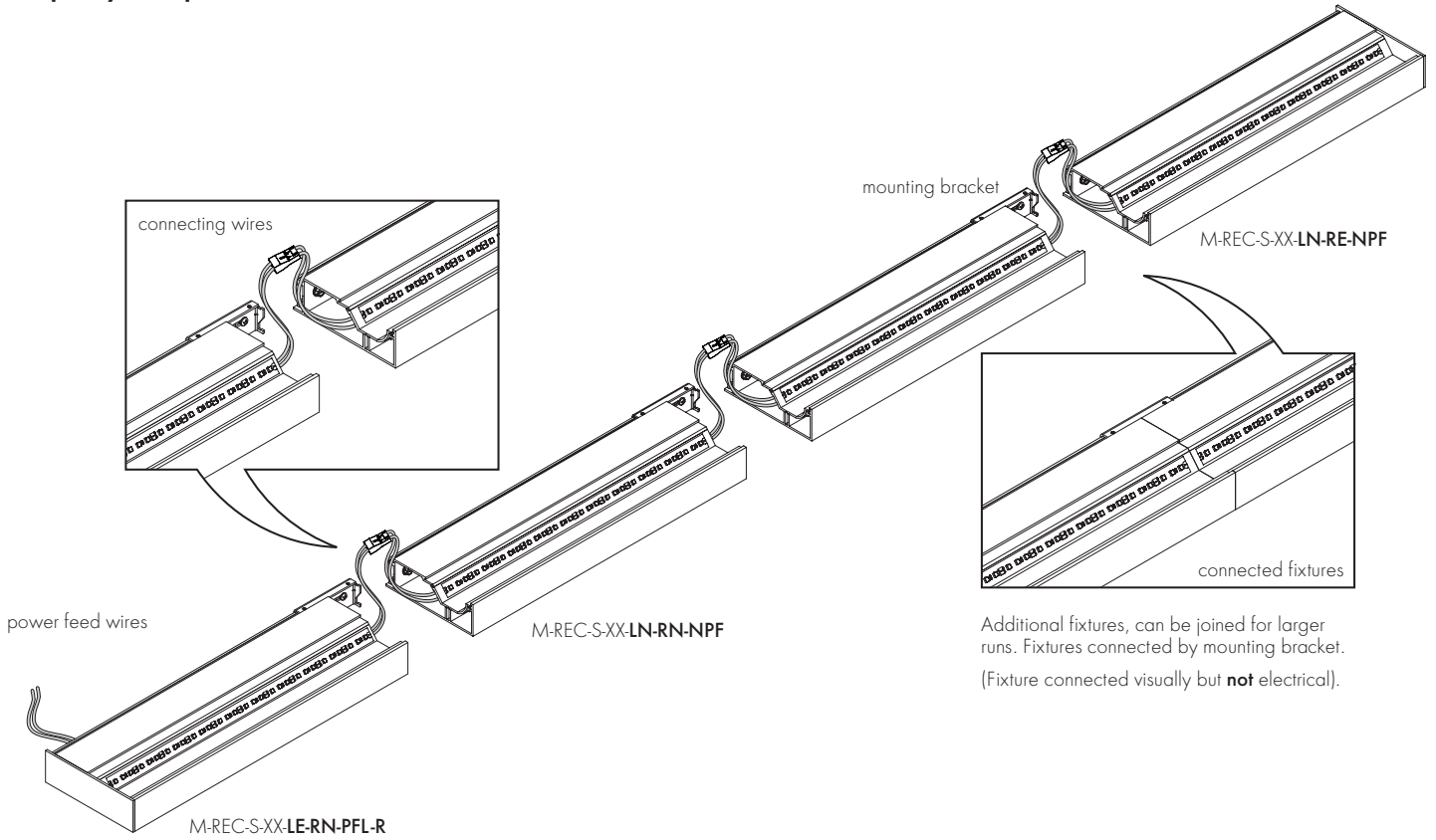
M-REC HE Series

Power Consumption Per Fixture Length

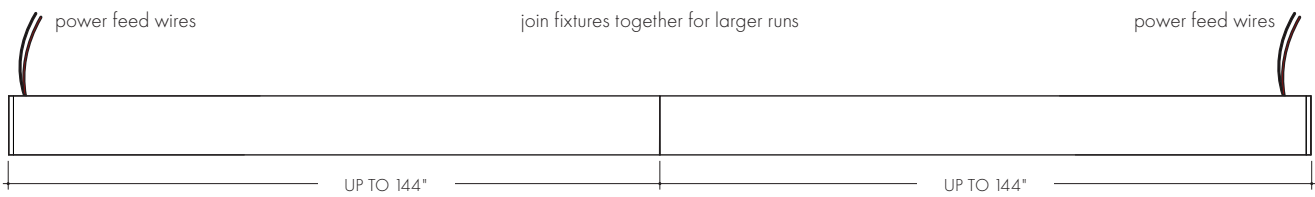
Nominal Length	HELO LL48HE-LO			HESO LL48HE-SO			HEMO LL48HE-MO			HEHO LL48HE-HO		
	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage	Actual Length	W/ft	Total Wattage
12	12-13/16"	2.00	2.00	12-13/16"	2.79	2.79	12-13/16"	3.70	3.70	12-13/16"	5.9	5.90
16	16-12/16"	2.00	2.67	16-12/16"	2.79	3.72	16-12/16"	3.70	4.90	16-12/16"	5.9	7.88
20	20-11/16"	2.00	3.33	20-11/16"	2.79	4.65	20-11/16"	3.70	6.10	20-11/16"	5.9	9.86
24	24-10/16"	2.00	4.00	24-10/16"	2.79	5.58	24-10/16"	3.70	7.40	24-10/16"	5.9	11.84
28	28-9/16"	2.00	4.67	28-9/16"	2.79	6.51	28-9/16"	3.70	8.63	28-9/16"	5.91	13.81
32	32-8/16"	2.00	5.34	32-8/16"	2.79	7.44	32-8/16"	3.70	9.83	32-8/16"	5.91	15.78
36	36-7/16"	2.00	6.00	36-7/16"	2.79	8.37	36-7/16"	3.70	11.10	36-7/16"	5.91	17.75
40	40-6/16"	2.00	6.66	40-6/16"	2.79	9.30	40-6/16"	3.70	12.33	40-6/16"	5.92	19.74
44	44-5/16"	2.00	13.33	44-5/16"	2.79	10.23	44-5/16"	3.70	13.56	44-5/16"	5.92	21.73
48	48-4/16"	2.00	8.00	48-4/16"	2.79	11.16	48-4/16"	3.70	14.80	48-4/16"	5.92	23.72
52	52-3/16"	2.00	8.67	52-3/16"	2.79	12.09	52-3/16"	3.70	16.03	52-3/16"	5.92	25.70
56	56-2/16"	2.00	9.34	56-2/16"	2.79	13.02	56-2/16"	3.70	17.26	56-2/16"	5.92	27.68
60	60-1/16"	2.00	10.00	60-1/16"	2.79	13.95	60-1/16"	3.70	18.50	60-1/16"	5.92	29.68
64	65-15/16"	2.00	10.67	65-15/16"	2.79	15.82	65-15/16"	3.70	19.73	65-15/16"	5.93	31.64
68	69-14/16"	2.00	11.34	69-14/16"	2.79	17.69	69-14/16"	3.70	20.96	69-14/16"	5.93	33.62
72	73-13/16"	2.00	12.00	73-13/16"	2.79	19.56	73-13/16"	3.70	22.20	73-13/16"	5.93	35.60
76	77-12/16"	2.00	12.67	77-12/16"	2.79	20.48	77-12/16"	3.70	23.43	77-12/16"	5.91	37.53
80	81-12/16"	2.00	13.37	81-12/16"	2.79	21.40	81-12/16"	3.70	24.66	81-12/16"	5.91	39.46
84	85-10/16"	2.00	14.00	85-10/16"	2.79	22.32	85-10/16"	3.70	25.90	85-10/16"	5.91	41.40
88	89-9/16"	2.00	14.67	89-9/16"	2.79	23.25	89-9/16"	3.70	27.13	89-9/16"	5.92	43.40
92	93-8/16"	2.00	15.37	93-8/16"	2.79	24.18	93-8/16"	3.70	28.36	93-8/16"	5.92	45.40
96	97-7/16"	2.00	16.00	97-7/16"	2.79	25.10	97-7/16"	3.70	29.60	97-7/16"	5.92	47.45
100	101-7/16"	2.00	16.67	101-7/16"	2.79	26.03	101-7/16"	3.70	30.93	101-7/16"	5.94	49.45
104	105-5/16"	2.00	17.37	105-5/16"	2.79	26.96	105-5/16"	3.70	32.26	105-5/16"	5.94	54.45
108	109-4/16"	2.00	18.00	109-4/16"	2.79	27.90	109-4/16"	3.73	33.60	109-4/16"	5.94	53.50
112	113-3/16"	2.00	18.67	113-3/16"	2.79	28.85	113-3/16"	3.73	34.93	113-3/16"	5.99	55.30
116	117-2/16"	2.00	19.37	117-2/16"	2.79	29.80	117-2/16"	3.73	36.26	117-2/16"	5.99	57.10
120	121-2/16"	2.00	20.00	121-2/16"	2.79	30.75	121-2/16"	3.76	37.60	121-2/16"	5.99	58.90
124	125"	2.00	20.67	125"	2.79	31.70	125"	3.76	38.80	125"	5.85	60.70
128	128-15/16"	2.00	21.34	128-15/16"	2.79	32.65	128-15/16"	3.76	40.00	128-15/16"	5.85	62.50
132	132-14/16"	2.00	22.00	132-14/16"	2.79	33.60	132-14/16"	3.74	41.20	132-14/16"	5.85	64.30
136	136-14/16"	2.00	22.67	136-14/16"	2.79	34.55	136-14/16"	3.74	42.40	136-14/16"	5.82	66.10
140	140-13/16"	2.00	23.34	140-13/16"	2.79	35.50	140-13/16"	3.74	43.60	140-13/16"	5.82	67.90
144	144-11/16"	2.00	24.00	144-11/16"	2.80	36.45	144-11/16"	3.73	44.80	144-11/16"	5.82	69.68

Technical Information

Sample layout of power feed connections

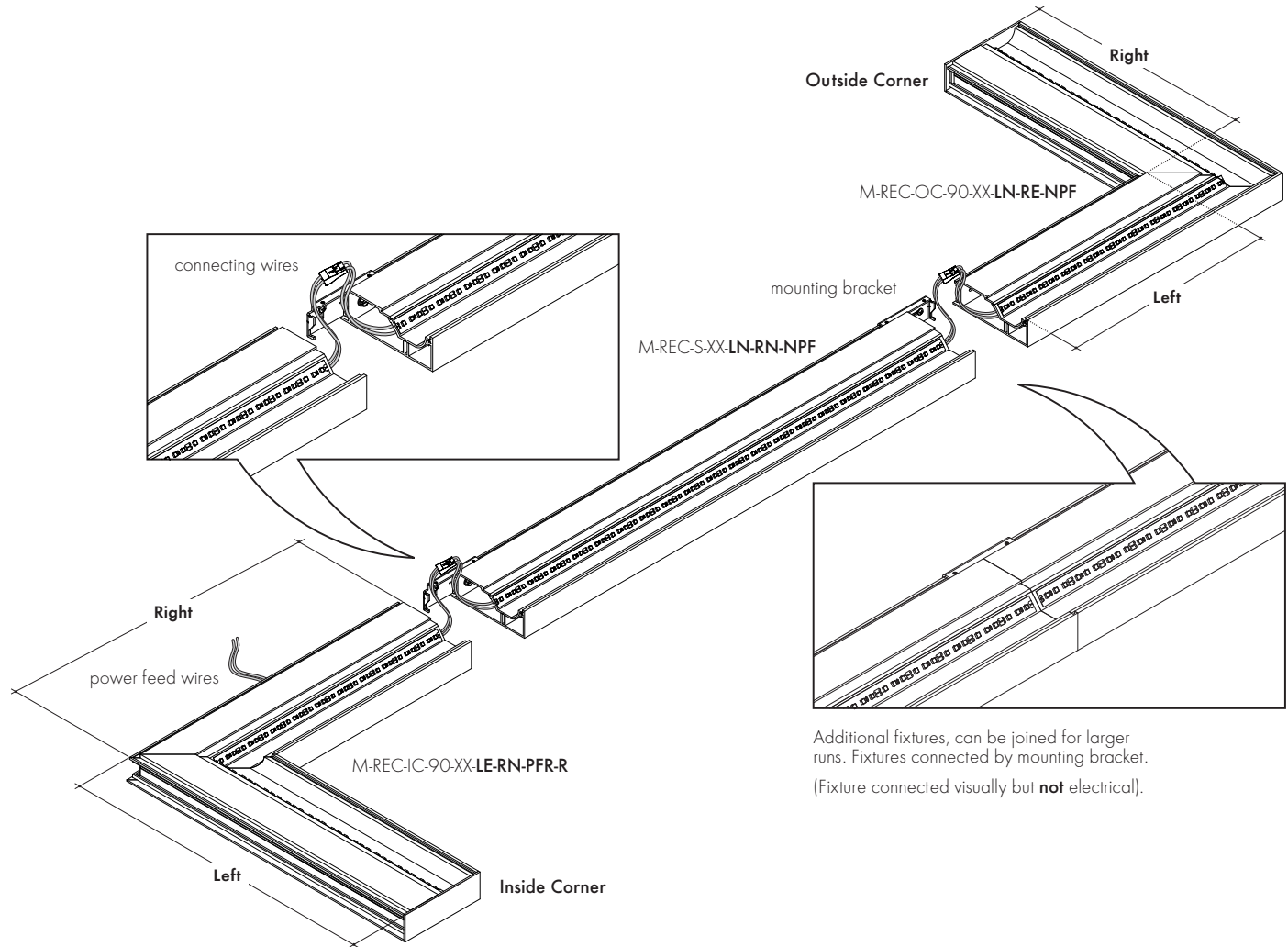


Join fixtures together



Technical Information

Sample layout of power feed connections



Output	Inside Corner Actual Length	Outside Corner Actual Length	Actual Tape Length (Outside)
LO (LL18)	14-13/16" x 14-13/16"	10" x 10"	11-14/16"
SO (LL30)	15-1/4" x 15-1/4"	10-7/16" x 10-7/16"	12-5/16"
MO (LL36)	14-13/16" x 14-13/16"	10" x 10"	11-14/16"
HO (LL54)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"
VHO (LL72)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"
HELO (LL48)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"
HESO (LL48)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"
HEMO (LL48)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"
HEHO (LL48)	14-3/4" x 14-3/4"	9-15/16" x 9-15/16"	11-13/16"

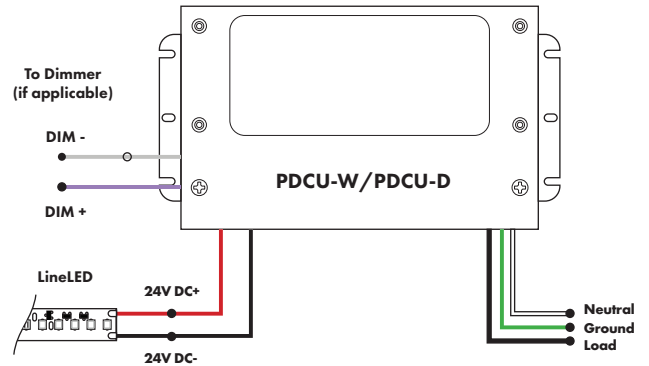
Power Supply

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

Universal Power Supply

MODEL	POWER	OUTPUT
PDCU-W	96	24
PDCU-W - IP66 Wet Series	96 - 96 W 3X96 - 3X96 W	24 - 24 VDC
PDCU-D - IP20 Dry Series	30 - 30 W 60 - 60 W 96 - 96 W 3X96 - 3X96 W	

0-10V - 1% dimming
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart
Compatibility:
View a complete list of compatible dimmers on product page ([Link](#))

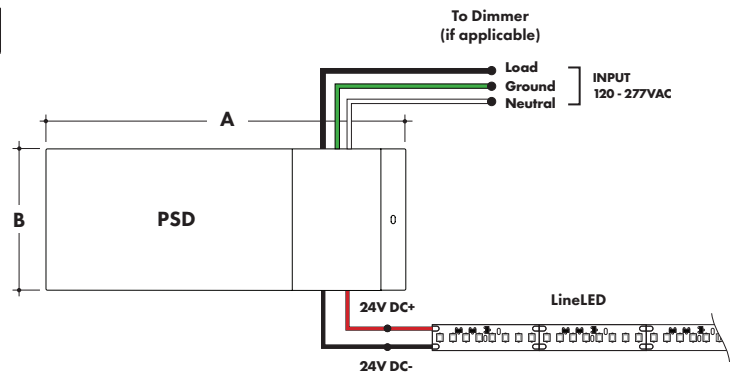


MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
A Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
B Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33"	1.32"	1.56"	1.13"

Magnetic Low Voltage Dimming Power Supplies

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

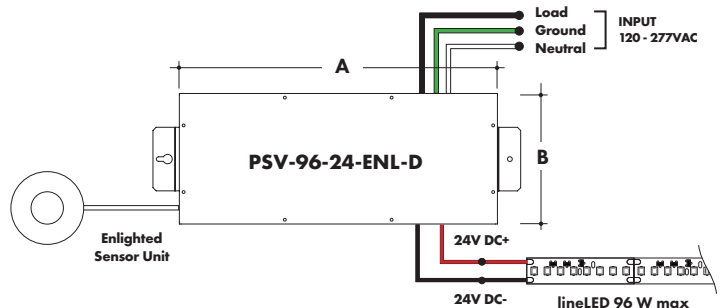
MODELS	48W	96W	288W
A Length	11.25"	11.25"	13.06"
B Width	3.42"	3.42"	8.42"
Depth	3.42"	3.27"	4.47"



Enlighted Enabled Dimming Power Supplies:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	ENL	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	ENL - Enlighted Dimming	D - Damp

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



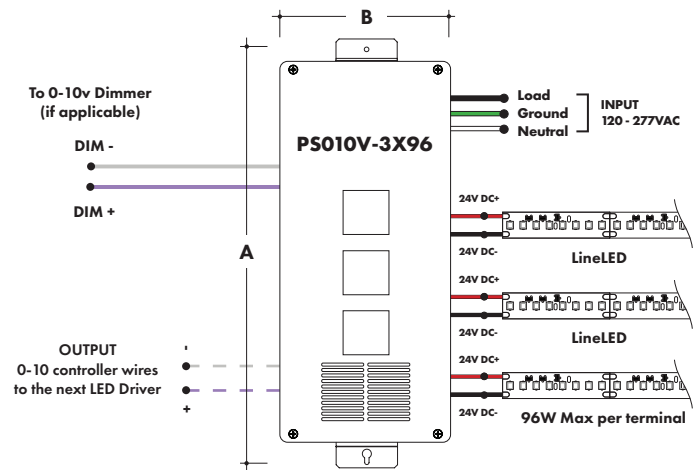
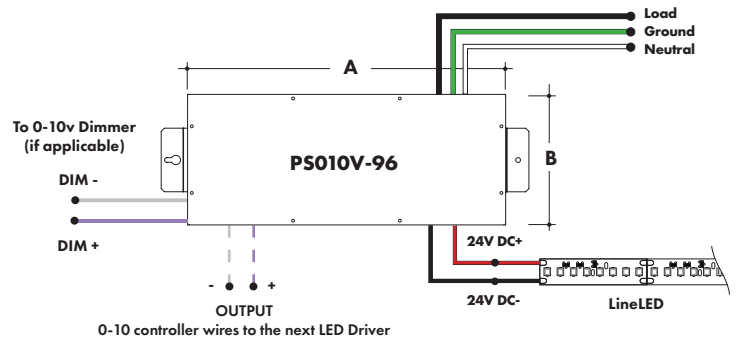
Power Supply

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

0-10V Dimming Power Supplies

MODEL	POWER	OUTPUT	DIMMING
PS010V	96	24	LIN
PS010V - 0-10V Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC	LIN - Linear LOG - Logarithmic

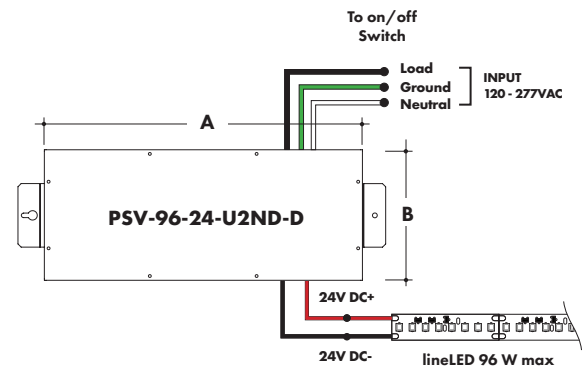
MODELS	96W	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.62"
Depth	2.60"	4.95"



Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Damp

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



Power Supply

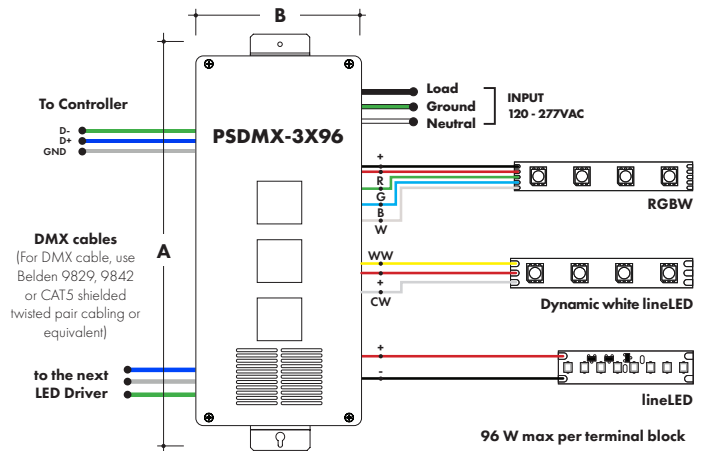
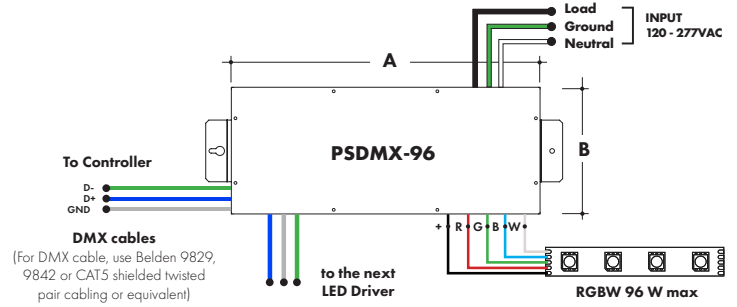
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

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	96W	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.62"
Depth	2.60"	4.95"

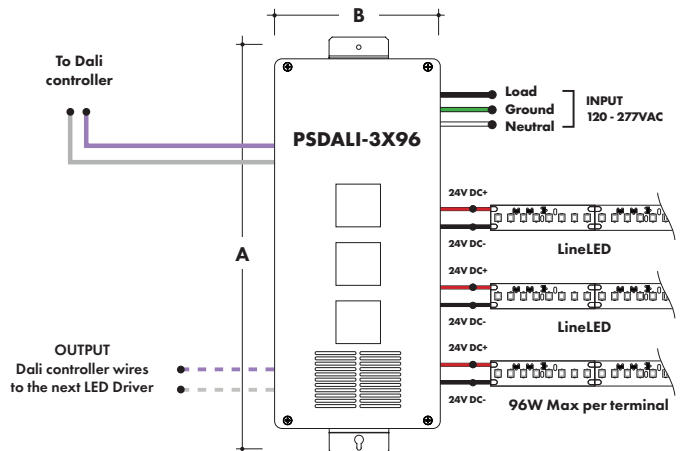
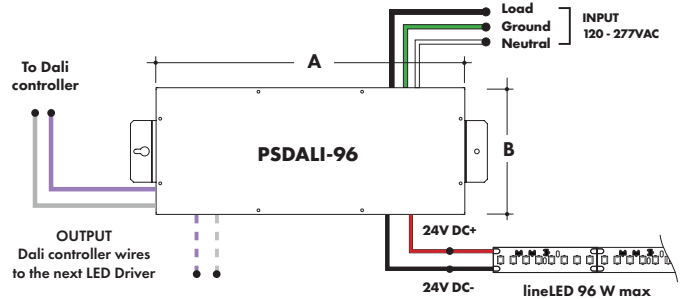


DALI Dimming Power Supplies

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

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96W	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.62"
Depth	2.60"	4.95"



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.



Luminii is a Lutron OEM Advantage Partner

MODEL

LTEA4U1UKL-CV240

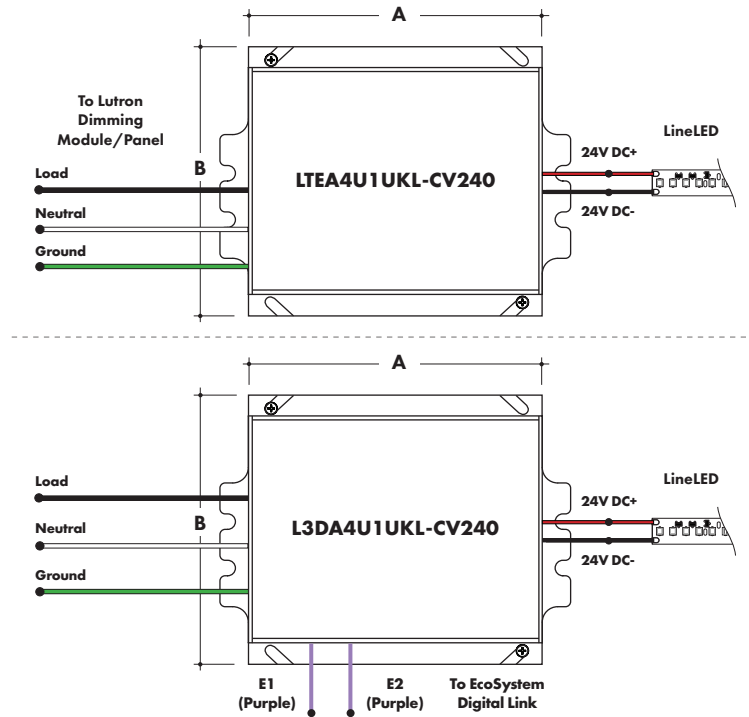
Lutron - HiLume™ 1% 2-wire LED Driver
(120V forward phase only)

MODEL

L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver

MODELS	LTEA4U1UKL-CV240	L3DA4U1UKL-CV240
A Length	4.89"	4.98"
B Width	4.00"	4.00"
Depth	2.62"	2.62"



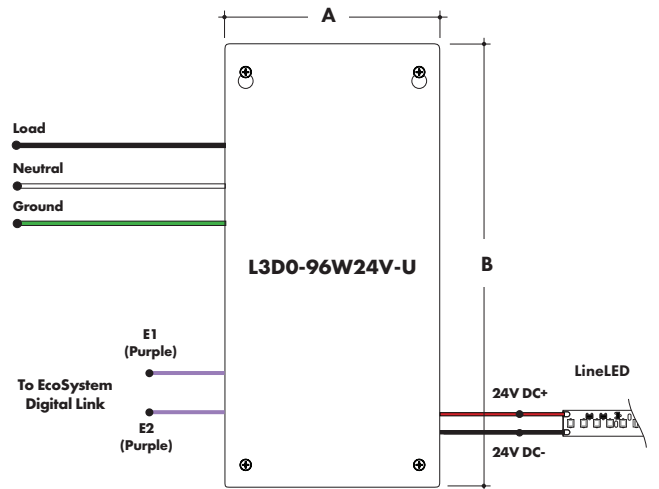
Luminii is a Lutron OEM Advantage Partner

MODEL

L3D0-96W24V-U

HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™

MODELS	L3D0
A Length	10.50"
B Width	5.50"
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.

In ground, Electronic Low Voltage Dimming Power Supplies

MODEL	POWER	OUTPUT	INPUT
IG - CVE	96X2	24	
IG - In ground CVE Series CVE - ELV Dimming DALI - eldoLED Dali dimming Both dims down to 0.1%	96X2 - 2 X 96 Watt	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

MODELS	Dual Circuit
A Length	8.40"
B Width	8.30"
Depth	8.10"

