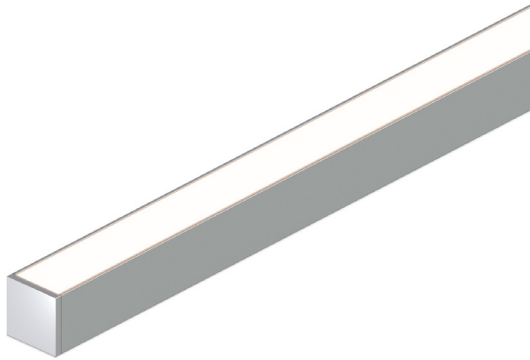
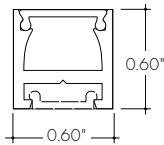


Features



- 24VDC Class 2 and IP68 Wet Rated fixtures made to order up to 144". Fixtures can be linked up to 48' depending on output
- Suitable for undercabinet, millwork, direct view, wet, outdoor, architectural reveals, accent lighting and surface mount applications
- Dot free even illumination with frosted lens
- High Color Quality options offer premium quality and vibrant colors with R9 values up to 97
- High Efficacy options offer best in class output and efficacy with over 470 lm/ft and up to 66 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 3 Year warranty



Finish Options (see page 2 for additional information)

- | | | |
|-----------------|-------------|---------------|
| Silver Anodized | White | Aged Brass |
| Black | Matte Black | Polished Gold |
| Bronze | Warm Nickel | Chrome |



Technical Information

TYPE	High Color Quality			High Efficacy				High Efficacy
	72SO	72HO	72VHO	HE48LO	HE48SO	HE48MO	HE48HO	HE64VHO
OUTPUT OPTIONS								
Lumens Output (3000K) <small>(with a Graze Lens)</small>	129 lm/ft	209 lm/ft	254 lm/ft	125 lm/ft	174 lm/ft	232 lm/ft	372 lm/ft	471 lm/ft
Average Power Consumption <small>(for a 4' section)</small>	2.8 W/ft	4.8 W/ft	6.0 W/ft	1.9 W/ft	2.8 W/ft	3.5 W/ft	6.5 W/ft	7.5 W/ft
Efficacy	46 lm/W	44 lm/W	42 lm/W	66 lm/W	62 lm/W	66 lm/W	57 lm/W	63 lm/W
Max Run Length <small>(in series)</small>	40 ft	31 ft	22 ft	48 ft	42 ft	33 ft	21 ft	15 ft
Max Ambient Temperature*	50°C [122°F]			50°C [122°F]				50°C [122°F]

*Max Ambient Temperature to maintain L70 of 50k+ hours. Exceeding Max Ambient Temperature may result in decreased life/output. Consult Technical Support for specific inquiries.

High Color Quality (72)

CCT	Multiplier <small>(reference - 3000K)</small>	TM-30			
		CRI	R _f	R _g	R ₉
2700K	0.97	97	96	99	93
3000K	1.00	96	95	99	92
3500K	1.01	96	95	100	94
4000K	1.34	97	96	102	92

High Efficacy (HE48/HE64)

CCT	Multiplier <small>(reference - 3000K)</small>	TM-30			
		CRI	R _f	R _g	R ₉
2700K	0.94	92	90	99	46
3000K	1.00	92	89	99	62
3500K	1.02	92	89	99	58
4000K	1.02	92	86	94	52

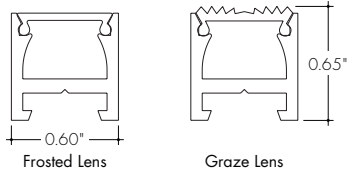
Ordering Code

MODEL	LENGTH ¹	OUTPUT	CCT	LENS ²	MOUNTING	FINISH ³	POSITION TYPE	POWER FEED
BOSW - Bosca Wet	12" - 144" 1" increments	72SO - Standard 72HO - High 72VHO - Very High	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	F - Frosted G - Graze	FC - Fixed Clip ⁴ SC - Screw-in A - Adjustable Hinge Mounting	SA - Silver Anodized BK - Black BZ - Bronze WH - White MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁵ CH - Chrome ⁵	E - End B - Back S - Side	1 - 72" wire leads 1X2 - 72" wire leads at both ends 2 - 72" wire leads at one end and Quick Connect at other 3 - Single Quick Connect 4 - Quick Connect at both ends
	12" - 144" 2" increments	HE48LO - Low HE48SO - Standard HE48MO - Medium HE48HO - High HE64VHO - Very High	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K					

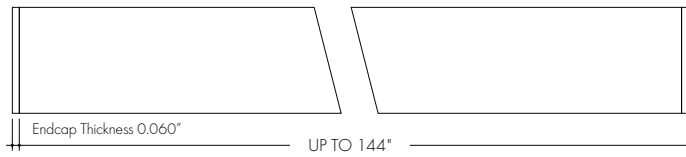
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
 2 - All High Efficacy options can be used to comply with Title 24 JAB. High Color Quality options can be used to comply with Title 24 JAB depending on Output, CCT, and lens selections, see multiplier charts to calculate specific efficacies.
 3 - Non SA finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.
 4 - Fixed Clip mount not rated for exterior use.
 5 - Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".

Product Dimensions

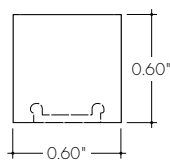
Fixture/Lens Profile



Fixture Side

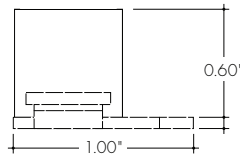


Fixture/Mounting Profile

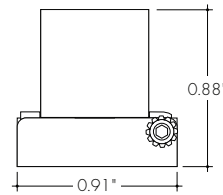


Frosted Lens using the Clip-in Channel

Fixed Clip mount not rated for exterior use.



Frosted Lens using the Screw-in Channel

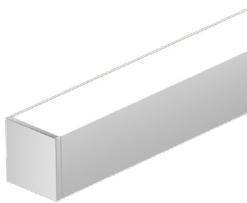


Frosted Lens using the Adjustable Bracket

Finish Options

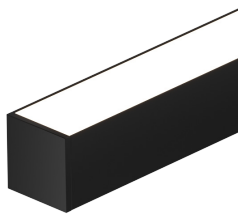
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Silver Anodized finishes may have extended lead times.
- Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".
- Custom RALs are available, please consult Inside Sales with specific request.

Silver Anodized



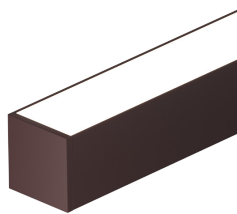
Silver Anodized is a soft silver with a clear finish.

Black



Black is a true deep black with a glossy finish.

Bronze



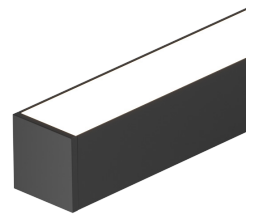
Bronze is a rich, dark brown with a satin finish.

White



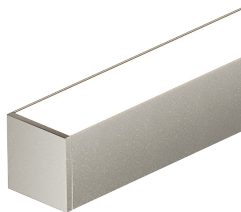
White is a polar bright white and field paintable.

Matte Black



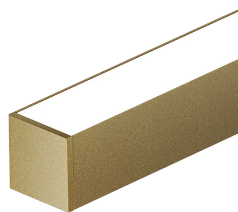
Matte Black is a dark, pitch-black with a soft flat finish.

Warm Nickel



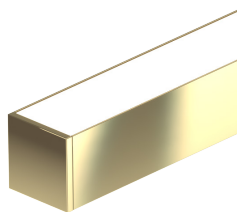
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

Aged Brass



Aged Brass is a deep brown shade with slightly golden undertones.

Polished Gold



Polished Gold is bright and radiant for a brilliant finish.

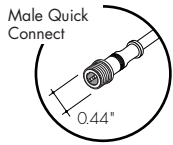
Chrome



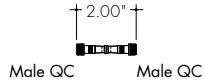
Chrome is a highly reflective silver polish.

Powerfeeds and Connectors

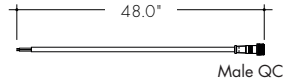
Linking and Extension Cable Options



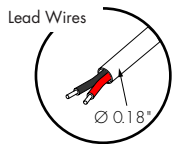
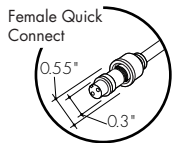
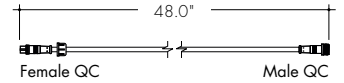
WET-FMA-2-2
Female to Male Adapter, 2 pin



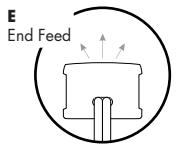
WET-CON-LEAD-M-2-48
Male Wet Connector Cable, 2 pin, 48"



WET-CON-JC-F-M-2-48
Female/Male Wet Jumper Cable, 2 pin, 48"



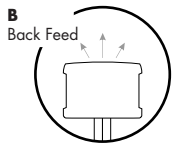
Powerfeeds Position/Type



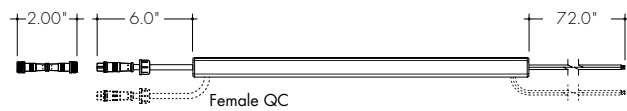
1
72" wire leads



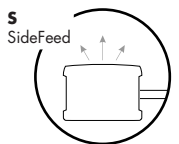
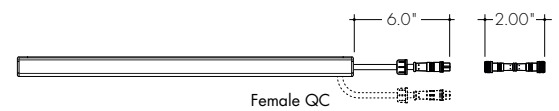
1X2
72" wire leads at both ends



2
72" wire leads at one end and Female Quick Connect at other



3
Single Female Quick Connect

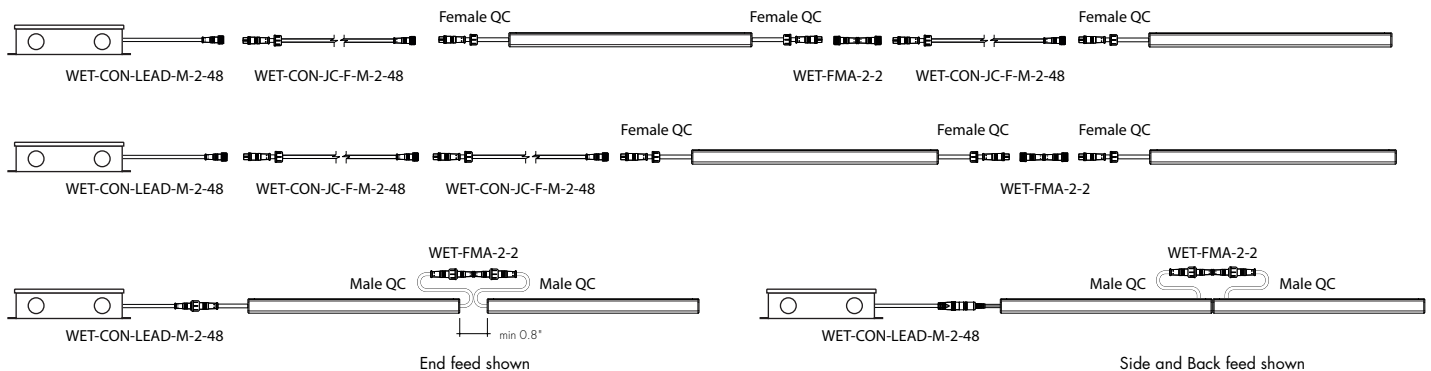


4
Female Quick Connect at both ends



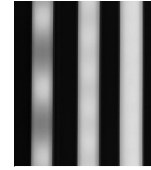
Side and Back feeds shown as dashed lines
All wires are 18 AWG unless otherwise specified

Sample Layout



Light Transmission and Dotting

Output Options	Lens Type	
	Graze Lens	Frosted Lens
72SO	CD	ND
72HO	CD	ND
72VHO	CD	ND
HE48LO	CD	ND
HE48SO	CD	ND
HE48MO	CD	ND
HE48HO	CD	ND
HE64VHO	CD	ND
Transmission Percentage	100%	65%

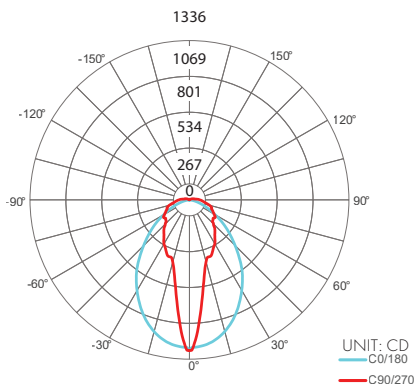


CD SD ND
 CD - Clear Dotting
 SD - Slight Dotting
 ND - No Dotting

Photometry

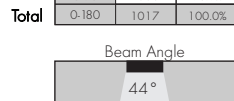
BOSW-48-72VHO-30K-G

Bosca Wet, 4ft, 3000K, VHO, Graze Lens



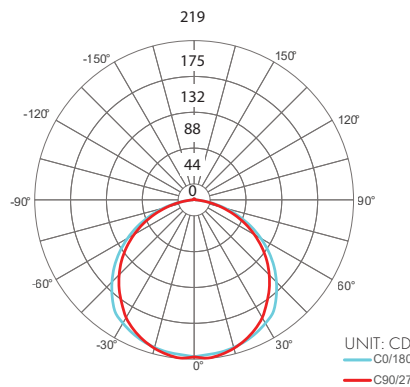
Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	490	48.2%
0-40	663	65.2%
0-60	895	88.0%
0-90	1006	98.9%
0-180	1017	100.0%



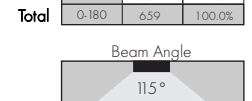
BOSW-48-72VHO-30K-F

Bosca Wet, 4ft, 3000K, VHO, Frosted Lens



Zonal Lumen Summary 3000K

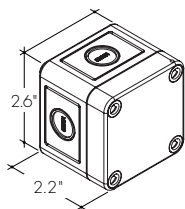
Zone	Lumen	% Fixture
0-30	173	26.3%
0-40	287	43.6%
0-60	514	78.0%
0-90	652	99.0%
0-180	659	100.0%



Accessory Options

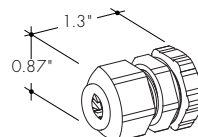
LVSP-WET

Splice box: wet rated, low voltage, gray



LVSP-WET-CM

Connector for splice box, low voltage for cable management, gray.



Power Consumption

Tested at Full Power with PDC Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Color Quality (72)

Nominal Length (in)	Actual Length	Watts			Nominal Length (in)	Actual Length	Watts			Nominal Length (in)	Actual Length	Watts			Nominal Length (in)	Actual Length	Watts		
		SO	HO	VHO			SO	HO	VHO			SO	HO	VHO			SO	HO	VHO
12	11 5/16	2.7	4.4	6.2	47	46 1/16	10.2	17.1	22.6	82	81 15/16	18.3	29.5	38.4	117	116 11/16	25.9	40.8	52.4
13	12 7/16	2.7	4.4	6.2	48	47 3/16	10.5	17.4	23.1	83	—	—	—	—	118	117 13/16	26.1	41.1	52.8
14	13 10/16	2.9	4.8	6.7	49	48 6/16	10.7	17.8	23.5	84	83 1/16	18.5	29.8	38.8	119	119	26.3	41.4	53.2
15	14 12/16	3.1	5.2	7.3	50	49 8/16	11.1	18.6	24.4	85	84 4/16	18.7	30.1	39.2	120	—	—	—	—
16	15 15/16	3.4	5.6	7.8	51	50 11/16	11.4	18.9	24.9	86	85 6/16	19.2	30.8	40.0	121	120 2/16	26.5	41.7	53.6
17	—	—	—	—	52	51 13/16	11.6	19.3	25.3	87	86 9/16	19.4	31.1	40.4	122	121 5/16	26.7	42.0	54.0
18	17 1/16	3.6	6.0	8.3	53	53	11.9	19.7	25.7	88	87 12/16	19.6	31.5	40.8	123	122 7/16	27.1	42.6	54.7
19	18 4/16	3.9	6.5	8.9	54	—	—	—	—	89	88 14/16	19.9	31.8	41.1	124	123 10/16	27.3	42.9	55.0
20	19 6/16	4.4	7.3	9.9	55	54 2/16	12.1	20.1	26.1	90	—	—	—	—	125	124 12/16	27.5	43.1	55.4
21	20 9/16	4.6	7.7	10.5	56	55 5/16	12.3	20.5	26.6	91	90 1/16	20.1	32.2	41.5	126	125 15/16	27.7	43.4	55.7
22	21 11/16	4.8	8.1	11.0	57	56 7/16	12.8	21.3	27.4	92	91 3/16	20.4	32.5	41.9	127	—	—	—	—
23	22 14/16	5.1	8.6	11.5	58	57 10/16	13.1	21.6	27.8	93	92 6/16	20.6	32.9	42.3	128	127 1/16	27.9	43.7	56.1
24	—	—	—	—	59	58 12/16	13.3	22.0	28.3	94	93 8/16	21.1	33.6	43.1	129	128 4/16	28.1	43.9	56.4
25	24 1/16	5.3	9.0	12.1	60	59 15/16	13.6	22.4	28.7	95	94 11/16	21.3	33.9	43.4	130	129 7/16	28.5	44.5	57.1
26	25 3/16	5.6	9.4	12.6	61	—	—	—	—	96	95 13/16	21.5	34.2	43.8	131	130 9/16	28.7	44.7	57.4
27	26 6/16	5.8	9.8	13.1	62	61 1/16	13.8	22.8	29.1	97	97	21.8	34.6	44.2	132	131 12/16	28.9	45.0	57.8
28	27 8/16	6.2	10.5	14.1	63	62 4/16	14.0	23.1	29.6	98	—	—	—	—	133	132 14/16	29.1	45.3	58.1
29	28 11/16	6.5	10.9	14.5	64	63 6/16	14.5	23.8	30.5	99	98 2/16	22.0	34.9	44.6	134	—	—	—	—
30	29 13/16	6.7	11.2	15.0	65	64 9/16	14.7	24.1	31.0	100	99 5/16	22.2	35.2	45.0	135	134 1/16	29.3	45.5	58.4
31	31	6.9	11.6	15.5	66	65 12/16	14.9	24.4	31.4	101	100 7/16	22.5	35.9	45.9	136	135 3/16	29.5	45.7	58.7
32	—	—	—	—	67	66 14/16	15.1	24.7	31.9	102	101 10/16	22.7	36.2	46.3	137	136 6/16	29.6	45.9	59.1
33	32 2/16	7.1	12.0	16.0	68	—	—	—	—	103	102 12/16	22.9	36.5	46.7	138	137 8/16	30.0	46.3	59.7
34	33 5/16	7.3	12.3	16.5	69	68 1/16	15.3	25.0	32.4	104	103 15/16	23.1	36.8	47.1	139	138 11/16	30.2	46.5	60.0
35	34 7/16	7.8	13.1	17.4	70	69 3/16	15.5	25.4	32.8	105	—	—	—	—	140	139 13/16	30.3	46.8	60.3
36	35 10/16	8.0	13.4	17.9	71	70 6/16	15.8	25.7	33.3	106	105 1/16	23.3	37.1	47.5	141	141	30.5	47.0	60.6
37	36 12/16	8.2	13.8	18.4	72	71 8/16	16.2	26.3	34.2	107	106 4/16	23.5	37.4	48.0	142	—	—	—	—
38	37 15/16	8.4	14.2	18.9	73	72 11/16	16.4	26.6	34.7	108	107 6/16	23.9	38.1	48.8	143	142 2/16	30.7	47.2	61.0
39	—	—	—	—	74	73 13/16	16.6	26.9	35.1	109	108 9/16	24.1	38.4	49.2	144	143 5/16	30.8	47.4	61.3
40	39 1/16	8.7	14.5	19.3	75	75	16.8	27.3	35.5	110	109 12/16	24.3	38.7	49.6					
41	40 4/16	8.9	14.9	19.8	76	—	—	—	—	111	110 14/16	24.5	39.0	50.0					
42	41 6/16	9.3	15.6	20.7	77	76 2/16	17.1	27.6	35.9	112	—	—	—	—					
43	42 9/16	9.6	16.0	21.2	78	77 5/16	17.3	27.9	36.3	113	112 1/16	24.8	39.3	50.4					
44	43 12/16	9.8	16.4	21.7	79	78 7/16	17.7	28.5	37.2	114	113 3/16	25.0	39.6	50.8					
45	44 14/16	10.0	16.7	22.1	80	79 10/16	17.9	28.9	37.6	115	114 6/16	25.2	39.9	51.2					
46	—	—	—	—	81	80 12/16	18.1	29.2	38.0	116	115 8/16	25.6	40.5	52.0					

Power Consumption

Tested at Full Power with PDC Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE48)

Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts				Nominal Length (in)	Actual Length	Watts			
		LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO
12	10 11/16	1.7	2.5	3.5	5.7	47	46 2/16	6.9	10.7	13.3	24.7	82	81 9/16	12.5	19.9	23.9	42.2	117	-	-	-	-	
13	12 11/16	1.7	2.5	3.5	5.7	48	-	-	-	-	-	83	-	-	-	-	-	118	117	17.5	27.7	34.3	58.7
14	-	-	-	-	-	49	48 2/16	7.1	11.2	13.9	25.4	84	83 9/16	12.8	20.3	24.5	43.1	119	119	17.8	28.1	34.9	59.6
15	14 10/16	2.0	3.0	4.0	7.2	50	-	-	-	-	-	85	-	-	-	-	-	120	-	-	-	-	
16	-	-	-	-	-	51	50 1/16	7.4	11.7	14.5	26.3	86	85 8/16	13.1	20.8	25.1	44.1	121	120 15/16	18.1	28.6	35.5	60.5
17	16 10/16	2.4	3.5	4.6	8.7	52	-	-	-	-	-	87	-	-	-	-	-	122	-	-	-	-	
18	-	-	-	-	-	53	52 1/16	7.7	12.3	15.1	27.4	88	87 8/16	13.4	21.3	25.7	45.0	123	122 15/16	18.3	29.0	36.0	62.1
19	18 9/16	2.7	3.9	5.2	10.2	54	-	-	-	-	-	89	-	-	-	-	-	124	-	-	-	-	
20	-	-	-	-	-	55	54	8.0	12.9	15.7	28.5	90	89 7/16	13.7	21.7	26.3	46.0	125	124 14/16	18.4	29.5	36.6	63.8
21	20 9/16	3.0	4.4	5.8	11.7	56	56	8.4	13.5	16.4	29.5	91	-	-	-	-	-	126	-	-	-	-	
22	-	-	-	-	-	57	-	-	-	-	-	92	91 7/16	14.0	22.1	26.9	47.0	127	126 14/16	18.6	29.9	37.2	65.4
23	22 8/16	3.4	4.9	6.4	13.2	58	57 15/16	8.7	14.0	17.0	30.6	93	-	-	-	-	-	128	-	-	-	-	
24	-	-	-	-	-	59	-	-	-	-	-	94	93 6/16	14.3	22.6	27.5	47.9	129	128 13/16	18.8	30.4	37.7	67.0
25	24 8/16	3.7	5.4	7.0	14.7	60	59 15/16	9.0	14.6	17.6	31.6	95	-	-	-	-	-	130	-	-	-	-	
26	-	-	-	-	-	61	-	-	-	-	-	96	95 6/16	14.4	22.8	27.8	48.4	131	130 13/16	18.9	30.8	38.3	68.6
27	26 7/16	4.1	5.9	7.5	15.8	62	61 14/16	9.4	15.2	18.2	32.6	97	-	-	-	-	-	132	-	-	-	-	
28	-	-	-	-	-	63	-	-	-	-	-	98	97 5/16	14.7	23.3	28.5	49.4	133	132 12/16	19.1	31.2	38.9	70.2
29	28 7/16	4.4	6.4	8.1	16.8	64	63 14/16	9.7	15.6	18.7	33.7	99	-	-	-	-	-	134	-	-	-	-	
30	-	-	-	-	-	65	-	-	-	-	-	100	99 5/16	15.0	23.7	29.0	50.4	135	134 12/16	19.3	31.8	39.4	70.7
31	30 6/16	4.8	6.9	8.7	17.9	66	65 13/16	10.0	16.1	19.2	34.7	101	-	-	-	-	-	136	-	-	-	-	
32	-	-	-	-	-	67	-	-	-	-	-	102	101 4/16	15.3	24.1	29.6	51.3	137	136 11/16	19.5	32.3	40.0	71.2
33	32 6/16	5.0	7.2	9.0	18.5	68	67 13/16	10.4	16.5	19.8	35.7	103	-	-	-	-	-	138	-	-	-	-	
34	-	-	-	-	-	69	-	-	-	-	-	104	103 4/16	15.6	24.6	30.2	52.3	139	138 11/16	19.8	32.8	40.6	71.8
35	34 5/16	5.4	7.7	9.6	19.5	70	69 12/16	10.7	17.0	20.3	36.7	105	-	-	-	-	-	140	-	-	-	-	
36	-	-	-	-	-	71	-	-	-	-	-	106	105 3/16	15.8	25.0	30.7	53.2	141	140 10/16	20.0	33.3	41.1	72.3
37	36 5/16	5.7	8.2	10.2	20.6	72	71 12/16	11.0	17.4	20.8	37.7	107	-	-	-	-	-	142	-	-	-	-	
38	-	-	-	-	-	73	-	-	-	-	-	108	107 3/16	16.1	25.5	31.3	54.2	143	142 10/16	20.2	33.9	41.7	72.8
39	38 4/16	6.0	8.7	10.8	21.5	74	73 11/16	11.3	17.9	21.4	38.7	109	-	-	-	-	-	144	-	-	-	-	
40	-	-	-	-	-	75	-	-	-	-	-	110	109 2/16	16.4	25.9	31.9	55.2						
41	40 4/16	6.2	9.2	11.4	22.3	76	75 11/16	11.6	18.4	22.0	39.6	111	-	-	-	-	-						
42	-	-	-	-	-	77	-	-	-	-	-	112	111 2/16	16.7	26.4	32.5	56.1						
43	42 3/16	6.4	9.7	12.0	23.1	78	77 10/16	11.9	18.9	22.7	40.5	113	-	-	-	-	-						
44	-	-	-	-	-	79	-	-	-	-	-	114	113 1/16	17.0	26.8	33.1	57.0						
45	44 3/16	6.7	10.2	12.6	23.9	80	79 10/16	12.2	19.4	23.3	41.4	115	-	-	-	-	-						
46	-	-	-	-	-	81	-	-	-	-	-	116	115 1/16	17.3	27.3	33.7	57.9						

Power Consumption

Tested at Full Power with PDC Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE64)

Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts
		VHO			VHO			VHO			VHO
12	11 8/16	7.6	47	46 5/16	28.2	82	81 2/16	50.4	117	—	—
13	13	7.6	48	47 13/16	29.5	83	82 10/16	51.7	118	117 8/16	72.8
14	—	—	49	—	—	84	—	—	119	119	73.3
15	14 8/16	8.9	50	49 5/16	30.1	85	84 3/16	52.3	120	—	—
16	—	—	51	50 14/16	31.4	86	85 11/16	53.6	121	120 8/16	74.4
17	16	9.5	52	—	—	87	—	—	122	—	—
18	17 9/16	10.7	53	52 6/16	32.0	88	87 3/16	54.2	123	122	74.8
19	—	—	54	53 14/16	33.3	89	88 11/16	55.5	124	123 8/16	75.6
20	19 1/16	11.4	55	—	—	90	—	—	125	—	—
21	20 9/16	12.6	56	55 6/16	34.0	91	90 3/16	56.2	126	125 1/16	76.0
22	—	—	57	56 14/16	35.2	92	91 12/16	57.5	127	126 9/16	76.8
23	22 1/16	13.2	58	—	—	93	—	—	128	—	—
24	23 9/16	14.5	59	58 7/16	36.5	94	93 4/16	58.2	129	128 1/16	77.2
25	—	—	60	59 15/16	37.2	95	94 12/16	59.5	130	129 9/16	78.0
26	25 2/16	15.1	61	—	—	96	—	—	131	—	—
27	26 10/16	16.4	62	61 7/16	38.4	97	96 4/16	60.1	132	131 2/16	78.4
28	—	—	63	62 15/16	39.1	98	97 13/16	61.4	133	132 10/16	79.2
29	28 2/16	17.0	64	—	—	99	—	—	134	—	—
30	29 10/16	18.2	65	64 8/16	40.4	100	99 5/16	62.0	135	134 2/16	79.6
31	—	—	66	66	41.0	101	100 13/16	63.2	136	135 10/16	80.3
32	31 3/16	18.9	67	—	—	102	—	—	137	—	—
33	32 11/16	20.1	68	67 8/16	42.3	103	102 5/16	63.8	138	137 2/16	80.6
34	—	—	69	—	—	104	103 13/16	65.0	139	138 11/16	81.3
35	34 3/16	20.7	70	69	42.9	105	—	—	140	—	—
36	35 11/16	22.0	71	70 8/16	44.2	106	105 6/16	65.6	141	140 3/16	81.7
37	—	—	72	—	—	107	106 14/16	66.8	142	141 11/16	82.4
38	37 3/16	22.6	73	72 1/16	44.9	108	—	—	143	—	—
39	38 12/16	23.9	74	73 9/16	46.1	109	108 6/16	67.4	144	143 3/16	82.7
40	—	—	75	—	—	110	109 14/16	68.5			
41	40 4/16	24.5	76	75 1/16	46.7	111	—	—			
42	41 12/16	25.7	77	76 9/16	48.0	112	111 7/16	69.6			
43	—	—	78	—	—	113	112 15/16	70.1			
44	43 4/16	26.4	79	78 2/16	48.6	114	—	—			
45	44 13/16	27.6	80	79 10/16	49.8	115	114 7/16	71.2			
46	—	—	81	—	—	116	115 15/16	71.7			

Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

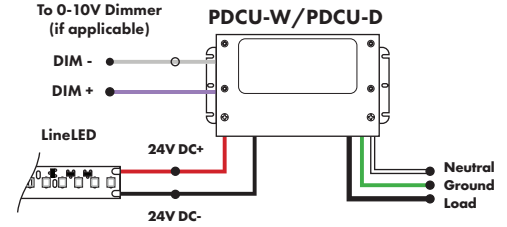
Wattage [W]	Maximum Wire Length From Power Supply to Start of Run [ft]						
	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	136.9	86.1	54.1	34.0	21.4	13.5
30	181.4	114.1	71.7	45.1	28.4	17.8	11.2
35	155.5	97.8	61.5	38.7	24.3	15.3	9.6
40	136.0	85.5	53.8	33.8	21.3	13.4	8.4
45	120.9	76.0	47.8	30.1	18.9	11.9	7.5
50	108.8	68.4	43.0	27.1	17.0	10.7	6.7
55	98.9	62.2	39.1	24.6	15.5	9.7	6.1
60	90.7	57.0	35.9	22.6	14.2	8.9	5.6
65	83.7	52.6	33.1	20.8	13.1	8.2	5.2
70	77.7	48.9	30.7	19.3	12.2	7.6	4.8
75	72.5	45.6	28.7	18.0	11.3	7.1	4.5
80	68.0	42.8	26.9	16.9	10.6	6.7	4.2
85	64.0	40.3	25.3	15.9	10.0	6.3	4.0
90	60.5	38.0	23.9	15.0	9.5	5.9	3.7
96	56.7	35.6	22.4	14.1	8.9	5.6	3.5

Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Universal Power Supply 1% 120VAC - 277VAC

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

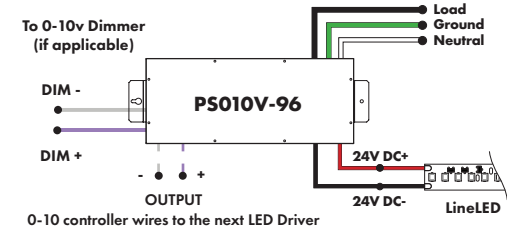


0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.
For a complete list of compatible dimmers, see [Compatible Dimming Chart](#) on the Resources page.

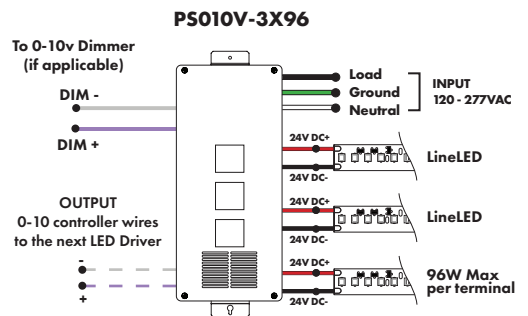
MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33"	1.32"	1.56"	1.13"

0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING
PS010V - 0-10V Power Supply dims down to 0.1%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC	LIN - Linear LOG - Logarithmic



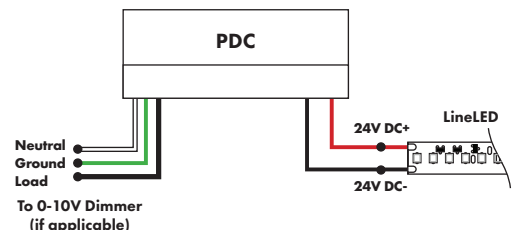
MODELS	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



Triac, MLV, & ELV Compatible Dimmers

MODEL	POWER	OUTPUT
PDC - (IP20) Power Supply	96 - 96 Watts	24 - 24 VDC

MODELS	96W
Length	8.25"
Width	4.10"
Depth	1.56"



Power Supplies

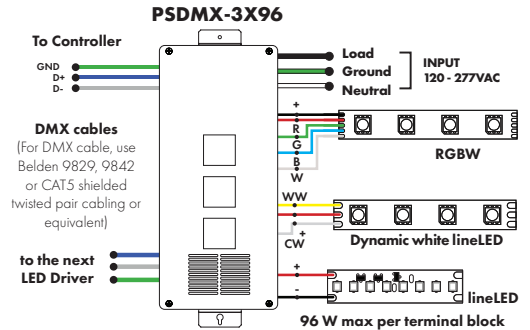
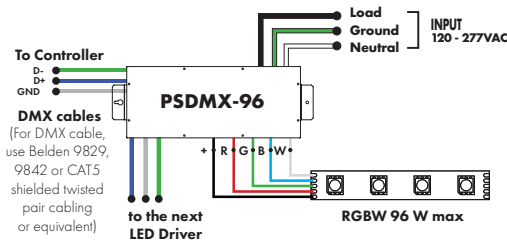
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

DMX Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDMX - DMX 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	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"

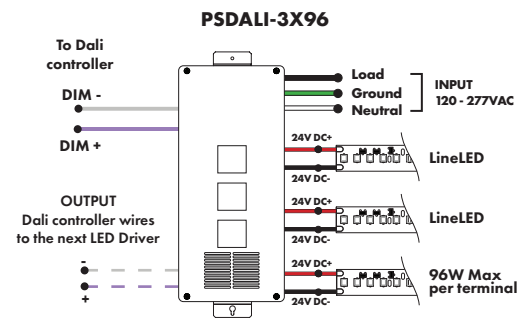
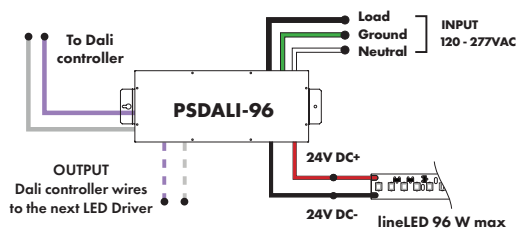


DALI 0% Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
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

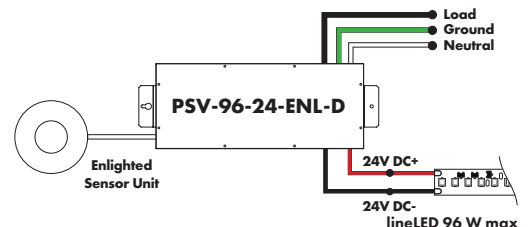
Model	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



Enlightened Enabled Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	ENL - Enlighted Dimming dims down to 0%	D - Damp

Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"



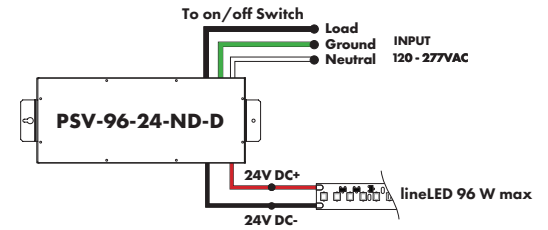
Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Non-Dimming Power Supply 120VAC - 277VAC

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

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



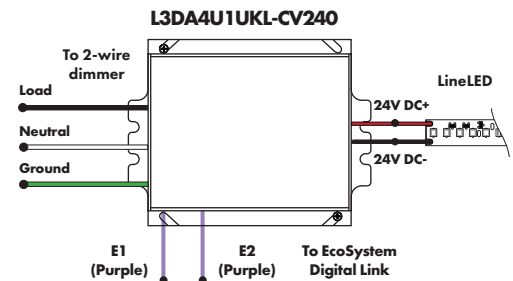
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 1%

MODEL
L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver
40W max

MODELS	L3DA4U1UKL-CV240
Length	4.98"
Width	4.00"
Depth	2.62"



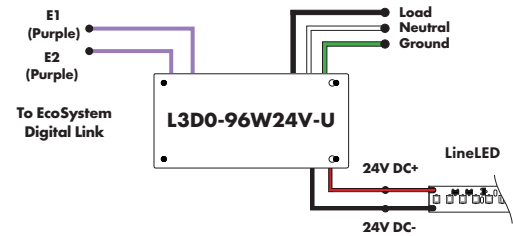
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL
L3D0-96W24V-U

HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™
96W max

MODELS	L3D0
Length	10.50"
Width	5.50"
Depth	2.00"



In-Ground Power Supplies

MODEL	POWER	OUTPUT	INPUT
IG - In ground CVE Series CVE - ELV Dimming DALI - eldoLED Dali dimming Both dims down to 0%	96X2 - 2 X 96 Watt	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

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

