

VERSA 2.3"-Pendant



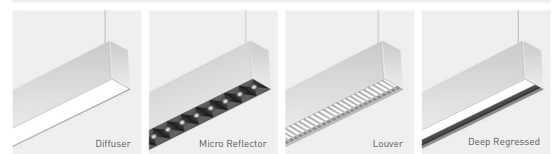
Spec-grade | Architectural LED Linear Lighting



VERSA series 2.3" linear pendant lighting is a unique linear series that brings any space to the center stage. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. These linear luminaires are available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with continuous runs. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with VERSA with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.

Feature

- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K
- 7 embedded lighting distributions adjusting by dip switch
- Available in diffuser, micro reflector*, louver and deep regressed lens
- Available in 2', 3', 4' and 8', individual units or continuous runs
- Custom pattern with optional Line, L***, X*, T*, Y***, V***, Z* joiners



ADJUSTABLE CCT

3000K

3500K

4000K

SELECTABLE WATTAGE

High

Medium

Low

PERFORMANCE

Lens	Lumen Package		
	High	Medium	Low
Diffuser**	1150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Louver**	900lm/ft, 10w/ft	675lm/ft, 7.5w/ft	450lm/ft, 5w/ft
Micro Reflector*	1150lm/ft, 10w/ft	860lm/ft, 7.5w/ft	575lm/ft, 5w/ft
Deep Regressed**	950lm/ft, 10w/ft	710lm/ft, 7.5w/ft	475lm/ft, 5w/ft

Remark:
Micro reflector is single CCT, rather than CCT adjustable. 3500K and 4000K are available via special order. Call 1-800-624-4488.
Above are subject to 3500K. All efficacy is ±5% base on different CCT. Check the IES file to gain the accurate data .

*PLT-90365, PLT-90366, PLT-90367, & PLT-90368 **See page 3 for full list of skus.

***See page 2 for list of Special Order part numbers.

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PRODUCT PERFORMANCE

► Optics

It offers a selection of professional lens such as diffuser, louver, micro reflector and deep regressed lens to meet your different requires.

► Finish

- Extruded aluminum housing.
- Powder coat white and black finish or custom*.

► Electrical

LED Driver	It is powered by Class 2 high efficiency LED driver, with a standard 1-10V dimming which continuous dims to 10% that works with many types of controls. Tested Dimmers: Lutron @ Diva-Dvtv, Leviton @ IP-710-DL.
THD	<20%
Power Factor	>0.9
Input Voltage	Standard electronic drivers are cULus recognized and available for 110-277V or 110-347V*AC

► Mounting

- Pendant-Dry ceiling or T-Grid ceiling compatible. Cable lengths of 5ft is standard, 12ft or others are available
- Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC
- Custom Pattern with optional Line, L*, X*, T*, V*, Y*, Z* joiners.

► LED System

CRI	Minimum 80 color rendering index
CCT	CCT adjustable from 3000K,3500K and 4000K.
Environment	Damp rated for ambient operating temperature of -20°C to +40°C (-4° to+104°F)

► Approvals

- cULus listed for damp locations
- 5 years limited warranty

*Assorted options available via Special Order. Call 1-800-624-4488.

**See Table Below for Special Order Part Numbers:

SKU	Joiner Type	For
PLT-90405	"Y" Pattern	Black Finish Fixtures
PLT-90406	"L" Pattern	Black Finish Fixtures
PLT-90502	"V" Pattern	Black Finish Fixtures
PLT-90503	"Y" Pattern	White Finish Fixtures

PRODUCT ORDERING GUIDE

Default Settings :Maximum wattage, 4000K and 100% down.

See Page 3 for full list of skus.

1. Base Model

ZE VERSA

2. Length

2 2 feet 3 3 feet 4 4 feet 8 8 feet

3. Width

2 2.3 inch

4. Driver

I Internal

5. CCT

TW Diffuser/Louver/Regressed CCT Adjustable (3000K,3500K,4000K) Micro reflector

30 3000K* 35 3500K 40 4000K*

6. Light Distribution

A Following options available by dip switch

100% Uplight	10% down, 90% up	30% down, 70% up
50% down, 50% up	70% down, 30% up	90% down, 10% up
100% Downlight		

7. Optics Options

D Diffuser R Micro Reflector

L Louver T Deep Regressed

OPTIONAL ORDERING GUIDE

Ceiling Type

Dry Wall (Mount to J-box)

Drop Ceiling Clips (Suitable for 9/16" and 15/16" Flat Ceiling)*

Drop Ceiling Clips (Suitable for 9/16" Slot Ceiling)*

Drop Ceiling Clips (Suitable for 15/16" Slot Ceiling) *

Power Cord Length And Aircraft cable

5 ft white power cord + 5ft aircraft cable

5 ft black power cord + 5ft aircraft cable

12 ft white power cord + 12ft aircraft cable -- PLT-90303

12 ft black power cord + 12ft aircraft cable -- PLT-90302

Canopy

Finish: White Black

Type: 1.6" Round 4.5" Round (Designed for power cable)

1.6" Square* 4.5" Square (Designed for power cable)*

5.8" Round With Occupancy Sensor (Power Feed)*

Joiner

"-" pattern Rolling Diffuser [42]* "X" pattern*

"Y" pattern** "L" pattern** "V" pattern**

"T" pattern* "Z" pattern*

Optional Functions

Occupancy Sensor (Order Separated)*

Emergency Option

Built-in LED Emergency Driver* Order Separated LED Emergency Driver*

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► SKUs

SKU	Watts*	CCT*	Max Lumen Output**	CRI	Voltage	Finish	Lens	Length
PLT-90281	10/15/20W	30/35/40K	2,369	80	120-277V	White	Deep Regressed	2'
PLT-90282	20/30/40W	30/35/40K	5,664	80	120-277V	White	Deep Regressed	4'
PLT-90283	40/60/80W	30/35/40K	9,115	80	120-277V	White	Deep Regressed	8'
PLT-90284	10/15/20W	30/35/40K	2,275	80	120-277V	Black	Deep Regressed	2'
PLT-90285	20/30/40W	30/35/40K	4,430	80	120-277V	Black	Deep Regressed	4'
PLT-90286	40/60/80W	30/35/40K	8,859	80	120-277V	Black	Deep Regressed	8'
PLT-90426	10/15/20W	30/35/40K	2,593	80	120-277V	White	Diffuser	2'
PLT-90427	10/15/20W	30/35/40K	2,490	80	120-277V	Black	Diffuser	2'
PLT-90428	15/22.5/30W	30/35/40K	3,890	80	120-277V	White	Diffuser	3'
PLT-90429	15/22.5/30W	30/35/40K	3,721	80	120-277V	Black	Diffuser	3'
PLT-90430	20/30/40W	30/35/40K	5,504	80	120-277V	White	Diffuser	4'
PLT-90431	20/30/40W	30/35/40K	5,153	80	120-277V	Black	Diffuser	4'
PLT-90432	40/60/80W	30/35/40K	5,504	80	120-277V	White	Diffuser	8'
PLT-90433	40/60/80W	30/35/40K	5,153	80	120-277V	Black	Diffuser	8'
PLT-90434	10/15/20W	30/35/40K	2,247	80	120-277V	White	Louver	2'
PLT-90435	10/15/20W	30/35/40K	2,025	80	120-277V	Black	Louver	2'
PLT-90436	15/22.5/30W	30/35/40K	3,267	80	120-277V	White	Louver	3'
PLT-90437	15/22.5/30W	30/35/40K	3,107	80	120-277V	Black	Louver	3'
PLT-90438	20/30/40W	30/35/40K	4,582	80	120-277V	White	Louver	4'
PLT-90439	20/30/40W	30/35/40K	4,231	80	120-277V	Black	Louver	4'
PLT-90440	40/60/80W	30/35/40K	4,582	80	120-277V	White	Louver	8'
PLT-90441	40/60/80W	30/35/40K	4,231	80	120-277V	Black	Louver	8'
PLT-90442	15/22.5/30W	30/35/40K	3,467	80	120-277V	White	Deep Regressed	3'
PLT-90443	15/22.5/30W	30/35/40K	3,191	80	120-277V	Black	Deep Regressed	3'

* See Selectable Table for full breakdown

**Taken from highest wattage, 4000K, 100% uplight

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► Selectable Tables

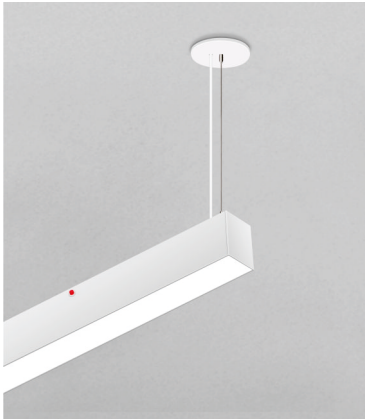
SKU	Wattage	CCT	Lumens	Efficacy	SKU	Wattage	CCT	Lumens	Efficacy	SKU	Wattage	CCT	Lumens	Efficacy	SKU	Wattage	CCT	Lumens	Efficacy
PLT-90281	10	3000K	975	98	PLT-90426	10	3000K	1316	132	PLT-90432	40	3000K	2869	143	PLT-90438	20	3000K	2368	118
		3500K	1017	102			3500K	1362	136			3500K	2953	148			3500K	2451	123
		4000K	1023	102			4000K	1384	138			4000K	2984	149			4000K	2481	124
	15	3000K	1463	98		15	3000K	1894	126		60	3000K	4066	136		30	3000K	3365	112
		3500K	1526	102			3500K	1969	131			3500K	4227	141			3500K	3504	117
		4000K	1534	102			4000K	2002	133			4000K	4225	141			4000K	3524	117
	20	3000K	1951	98		20	3000K	2465	123		80	3000K	5278	132		40	3000K	4389	110
		3500K	2035	102			3500K	2577	129			3500K	5504	138			3500K	4572	114
		4000K	2046	102			4000K	2593	130			4000K	5481	137			4000K	4582	115
PLT-90282	20	3000K	2178	109	PLT-90427	10	3000K	1266	127	PLT-90433	40	3000K	2631	132	PLT-90439	20	3000K	2177	109
		3500K	2278	114			3500K	1307	131			3500K	2709	135			3500K	2241	112
		4000K	2279	114			4000K	1332	133			4000K	2737	137			4000K	2268	113
	30	3000K	3267	109		15	3000K	1821	121		60	3000K	3776	126		30	3000K	3117	104
		3500K	3417	114			3500K	1894	126			3500K	3930	131			3500K	3240	108
		4000K	3418	114			4000K	1914	128			4000K	3940	131			4000K	3256	109
	40	3000K	4055	101		20	3000K	2372	119		80	3000K	4937	123		40	3000K	4067	102
		3500K	4556	114			3500K	2475	124			3500K	5153	129			3500K	4226	106
		4000K	4557	114			4000K	2490	125			4000K	5115	128			4000K	4231	106
PLT-90283	40	3000K	4356	109	PLT-90428	15	3000K	2043	136	PLT-90434	10	3000K	1142	114	PLT-90440	40	3000K	2368	118
		3500K	4556	114			3500K	2096	140			3500K	1177	118			3500K	2451	123
		4000K	4557	114			4000K	2132	142			4000K	1199	120			4000K	2481	124
	60	3000K	6534	109		22.5	3000K	2879	128		15	3000K	1650	110		60	3000K	3365	112
		3500K	6833	114			3500K	2993	133			3500K	1708	114			3500K	3504	117
		4000K	6836	114			4000K	3006	134			4000K	1666	114			4000K	3524	117
	80	3000K	8712	109		30	3000K	3728	124		20	3000K	2145	107		80	3000K	4389	110
		3500K	9111	114			3500K	3890	130			3500K	2239	112			3500K	4572	114
		4000K	9115	114			4000K	3886	130			4000K	2247	112			4000K	4582	115
PLT-90284	10	3000K	936	94	PLT-90429	15	3000K	1964	131	PLT-90435	10	3000K	1021	102	PLT-90441	40	3000K	2177	109
		3500K	977	98			3500K	2042	136			3500K	1055	106			3500K	2241	112
		4000K	982	98			4000K	2049	137			4000K	1078	108			4000K	2268	113
	15	3000K	1404	93		22.5	3000K	2757	132		15	3000K	1481	99		60	3000K	3117	104
		3500K	1465	98			3500K	2873	128			3500K	1543	103			3500K	3240	108
		4000K	1473	98			4000K	2849	127			4000K	1565	104			4000K	3256	109
	20	3000K	1873	94		30	3000K	3572	119		20	3000K	1940	97		80	3000K	4067	102
		3500K	1953	98			3500K	3721	124			3500K	2025	101			3500K	4226	106
		4000K	1964	98			4000K	3710	124			4000K	2041	102			4000K	4231	106
PLT-90285	20	3000K	2291	114	PLT-90430	20	3000K	2869	143	PLT-90436	15	3000K	1704	114	PLT-90442	15	3000K	1833	122
		3500K	2374	118			3500K	2953	148			3500K	1756	117			3500K	1903	127
		4000K	2413	120			4000K	2984	149			4000K	1767	118			4000K	1923	128
	30	3000K	3254	108		30	3000K	4066	136		22.5	3000K	2413	107		22.5	3000K	2585	114
		3500K	3390	113			3500K	4227	141			3500K	2498	111			3500K	2681	119
		4000K	3426	114			4000K	4225	141			4000K	2502	111			4000K	2711	120
	40	3000K	4217	105		40	3000K	5278	132		30	3000K	3132	104		30	3000K	3310	110
		3500K	4430	110			3500K	5504	138			3500K	3267	109			3500K	3458	115
		4000K	4426	110			4000K	5481	137			4000K	3246	108			4000K	3467	116
PLT-90286	40	3000K	4581	114	PLT-90431	20	3000K	2631	132	PLT-90437	15	3000K	1605	107	PLT-90443	15	3000K	1680	112
		3500K	4581	118			3500K	2709	135			3500K	1672	111			3500K	1735	116
		4000K	4827	120			4000K	2737	137			4000K	1680	112			4000K	1760	117
	60	3000K	6507	108		30	3000K	3776	126		22.5	3000K	2276	101		22.5	3000K	2366	105
		3500K	6780	113			3500K	3930	131			3500K	2365	105			3500K	2457	109
		4000K	6852	114			4000K	3940	131			4000K	2384	106			4000K	2477	110
	80	3000K	8435	105		40	3000K	4937	123		30	3000K	2971	99		30	3000K	3060	102
		3500K	8859	110			3500K	5153	129			3500K	3107	104			3500K	3182	106
		4000K	8852	110			4000K	5115	128			4000K	3104	103			4000K	3191	106

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► Emergency Option*

1000Bulbs offers UL & CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



Built-in LED emergency driver*

1000Bulbs offers the LED luminaire with built-in 8w LED emergency driver to provide critical illumination when normal power fails for any reason. It can save your labor cost with simple wiring.

Specification For LED Emergency Driver

Output Power	8 Watts
Output Voltage	15-54V DC
Input Current	70 mA (Max)
Input Power	3.2 Watts (Max)
Input Voltage	110-277VAC, 50-60Hz
Emergency Operation	≥90 Minutes
Standby Power	< 0.4W
Operating Temp	0°C to 50°C
Battery	Lithium
Recharge	24 Hrs
Certificate	UL , CEC

Code-Required Testing

• Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

• Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

• Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.



Order Separated LED emergency driver*

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our website or contact sales.



► Occupancy Sensor*

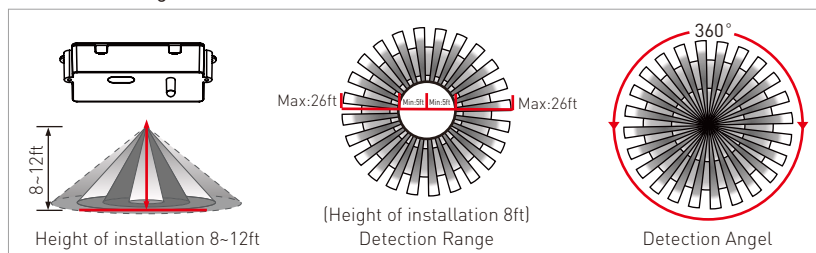


We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales at 1-800-624-4488.

Specification

Power Supply	120/277 VAC 50/60Hz
Maximum load @ -40°F~+158°F (-40°C~+70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim Control Output	0-10V, max.25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max.95% RH
Temperature	-40°F~+158°F (-40°C~+70°C)

Sensor Coverage



*Emergency backup and Occupancy sensor options available via Special Order. Call 1-800-624-4488.

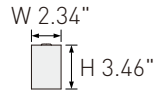
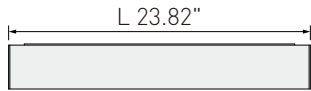
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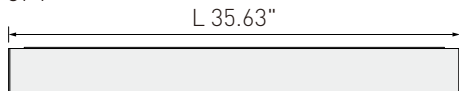
DIMENSIONS

Micro Reflector and Louver

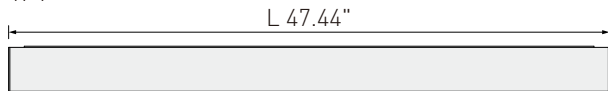
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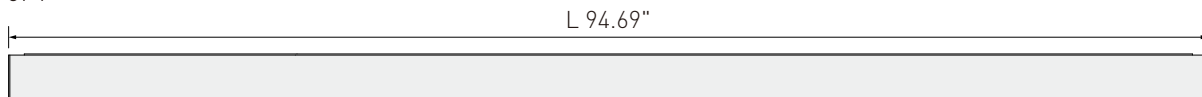
3FT



4FT

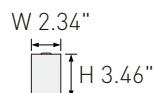
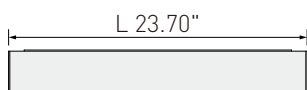


8FT

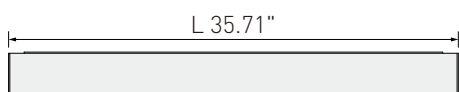


Diffuser and Deep Regressed

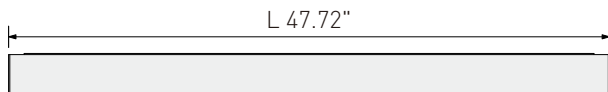
2FT



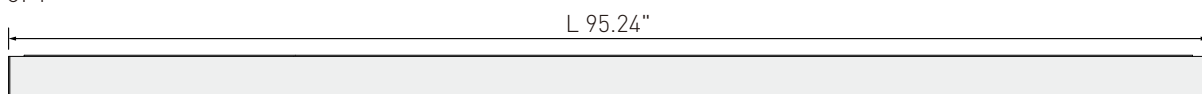
3FT



4FT



8FT

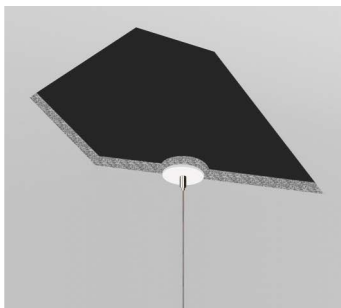


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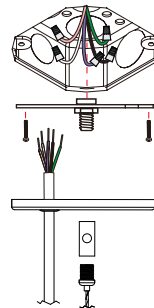
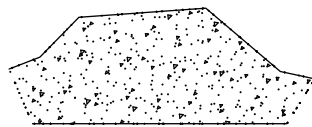
MOUNTING

Canopy Style



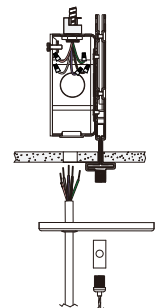
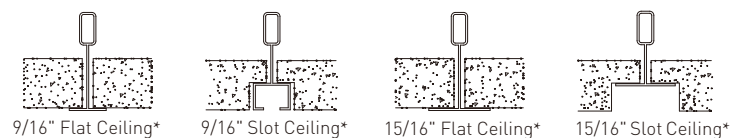
Dry Ceiling / Off Grid

"Various Hard Ceilings"
(Mount to J-box)



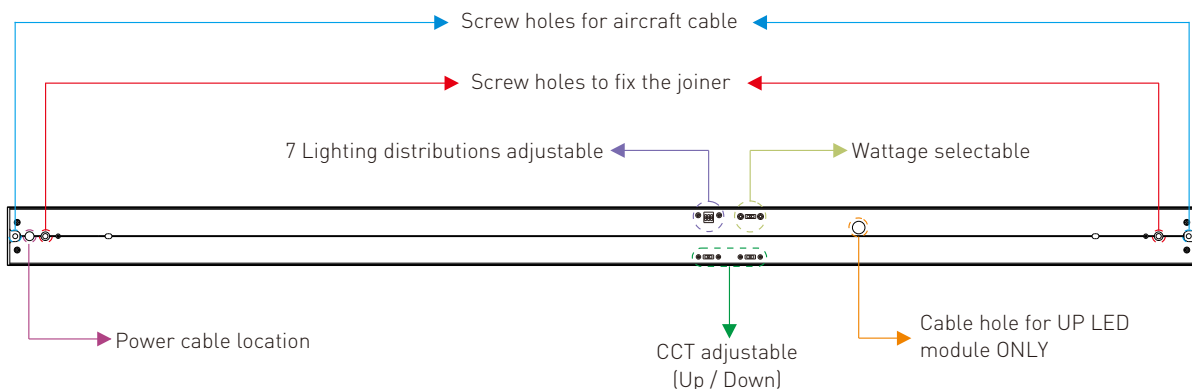
Drop Ceiling / On Grid*

Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



Please see the installation instruction for more details.

*Additional mounting options available via Special Order. Call 1-800-624-4488.



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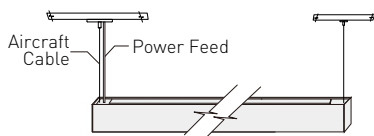
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Standard Line Runs In 120V

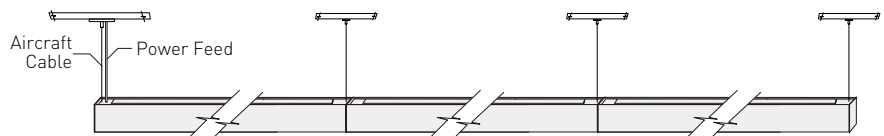
Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6
42	8'+8'+8'+8'+8'+2'	5	2	7	7
44	8'+8'+8'+8'+8'+4'	5	2	7	7
46	8'+8'+8'+8'+8'+4'+2'	6	2	8	8
48	8'+8'+8'+8'+8'+8'	5	2	7	7

Note: 4.5" canopy is designed for power cable

Individual

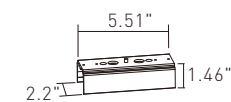


Continuous Run

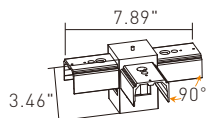


120VAC: Connections up to 40ft.
277VAC: Connections up to 100ft.

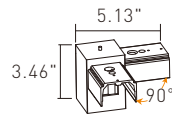
Custom Pattern With Joiners



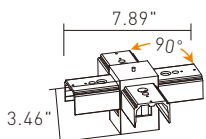
" " pattern
PLT-90304



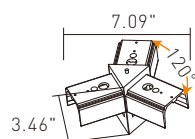
"T" pattern*



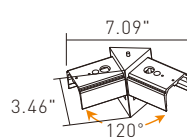
"L" pattern
PLT-90406**



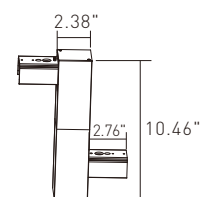
"X" pattern*



"Y" pattern
PLT-90405**
PLT-90503***



"V" pattern
PLT-90502**



"Z" pattern*

*Optional line joiners available via Special Order. Call 1-800-624-4488

**For black finish fixtures. Requires Special Order. Call 1-800-624-4488.

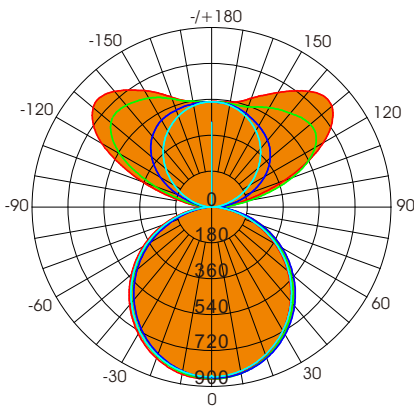
***For white finish fixtures. Requires Special Order. Call 1-800-624-4488.

VERSA 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting

DISTRIBUTION DIAGRAM

4' / Diffuser/50% Up,50% Down/ 4000K



Test Number: ZE-42-I40AD
 Lumens: 4739.1 Lm
 Watts: 40 W
 LPW: 118.48 Lm/W
 CCT: 4000K

UNIT: cd
 — C0/180, 360°
 — C30/270, 360°
 — C60/240, 360°
 — C90/270, 360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	857.7	858.1	847.3	841.0	861.4
10	844.1	849.1	835.1	821.8	851.1
15	822.1	831.6	815.6	795.4	833.5
20	792.8	807.2	788.8	762.5	807.4
25	757.1	775.5	755.5	723.0	774.6
30	716.2	737.2	715.9	677.7	735.6
35	667.9	693.4	670.2	627.5	690.3
40	616.1	644.0	619.9	572.8	639.9
45	559.4	589.1	564.3	513.7	585.0
50	499.2	530.9	505.0	451.3	525.8
55	434.1	468.3	441.5	385.1	462.7
60	365.3	402.1	374.7	315.6	395.8
65	295.4	332.9	305.0	244.5	326.8
70	224.4	260.6	232.0	174.7	254.3
75	154.3	189.1	161.3	108.6	184.1
80	90.07	120.5	95.53	51.77	117.0
85	36.95	60.98	41.01	10.68	58.12
90	39.69	49.44	5.334	21.91	41.89
95	85.06	88.27	21.25	52.16	75.79
100	151.2	163.7	51.22	102.9	136.5
105	253.3	249.8	89.41	186.2	230.4
110	384.4	328.2	131.1	278.8	362.9
115	522.2	393.5	175.2	367.8	502.4
120	647.4	443.0	219.3	441.8	634.5
125	736.9	476.4	263.0	496.2	724.5
130	787.6	497.4	305.2	530.7	775.5
135	790.8	509.9	345.3	550.9	783.9
140	758.4	518.4	382.3	561.8	757.7
145	711.4	519.9	415.5	567.2	716.9
150	663.4	517.6	443.7	564.1	675.3
155	619.4	514.2	468.7	554.3	630.8
160	581.3	514.0	489.8	540.6	586.6
165	549.4	519.6	506.9	535.1	554.4
170	534.3	524.9	518.7	530.1	537.2
175	531.2	528.0	526.1	528.6	529.6
180	529.9	529.8	529.8	529.8	529.9
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	20.42
5-10	80.98
10-15	179.6
15-20	312.7
20-25	475.8
25-30	663.4
30-35	869.1
35-40	1086
40-45	1307
45-50	1525
50-55	1733
55-60	1924
60-65	2092
65-70	2230
70-75	2336
75-80	2408
80-85	2448
85-90	2466
90-95	2489
95-100	2533
100-105	2611
105-110	2730
110-115	2888
115-120	3081
120-125	3295
125-130	3517
130-135	3735
135-140	3940
140-145	4125
145-150	4287
150-155	4426
155-160	4539
160-165	4626
165-170	4689
170-175	4726
175-180	4739
	UNIT: lm

Luminance cd/(m2)

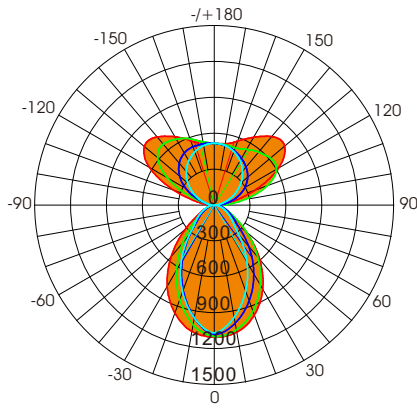
G(DEG)	C0/180	C90/270
85	5888	6535
80	7204	7641
75	8283	8654
70	9112	9422
65	9708	10024
60	10148	10409
55	10512	10690
50	10787	10912
45	10988	11085

VERSA 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting

DISTRIBUTION DIAGRAM

4'/Louver/50% Up,50% Down/ 4000K



Test Number: ZE-42-I40AL
 Lumens: 3865.5 Lm
 Watts: 40 W
 LPW: 96.64 Lm/W
 CCT: 4000K

UNIT: cd
 — C0/180, 324.8°
 — C30/270, 314.8°
 — C60/240, 65.6°
 — C90/270, 61.7°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1100	1077	1028	1015	1096
10	1080	1035	954.1	927.2	1072
15	1041	977.1	866.4	828.8	1028
20	979.0	906.2	768.3	723.1	961.9
25	903.0	823.8	661.9	612.2	881.6
30	812.0	730.3	548.8	499.4	787.4
35	706.6	628.1	432.8	390.0	679.1
40	591.3	522.4	316.4	290.5	560.6
45	471.1	417.4	235.2	206.1	439.0
50	351.7	316.7	194.1	152.0	319.5
55	244.0	231.3	158.3	115.4	215.3
60	160.0	176.7	126.5	85.60	138.9
65	117.8	138.1	98.45	60.39	105.0
70	83.27	105.6	73.47	38.44	73.07
75	55.29	77.53	51.06	19.18	46.75
80	32.44	53.30	31.05	2.405	25.50
85	13.97	49.71	13.08	0.4994	7.709
90	29.54	66.04	1.446	0.4677	28.35
95	70.36	110.9	14.68	27.90	68.82
100	133.0	190.9	43.89	68.63	129.1
105	228.5	270.2	80.50	137.4	223.0
110	355.3	337.7	121.1	230.3	353.8
115	492.0	391.6	164.4	234.5	492.5
120	619.5	430.1	208.1	409.1	623.0
125	713.4	455.4	251.6	474.8	712.6
130	768.4	471.2	292.9	520.3	762.4
135	777.3	482.8	332.0	546.0	769.7
140	748.7	488.8	368.7	559.9	743.5
145	702.6	489.1	402.4	567.3	703.2
150	654.4	489.0	431.7	567.4	661.0
155	609.5	490.4	456.6	557.6	615.5
160	570.4	497.4	477.9	544.6	571.4
165	537.7	505.0	495.6	530.6	539.5
170	521.3	510.4	508.1	524.3	523.3
175	517.3	513.0	515.4	517.9	516.2
180	516.7	516.6	516.5	516.6	516.7
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	25.57
5-10	99.25
10-15	214.1
15-20	361.0
20-25	529.2
25-30	707.3
30-35	883.4
35-40	1047
40-45	1189
45-50	1308
50-55	1405
55-60	1483
60-65	1543
65-70	1590
70-75	1624
75-80	1647
80-85	1660
85-90	1672
90-95	1692
95-100	1734
100-105	1808
105-110	1919
110-115	2069
115-120	2252
120-125	2457
125-130	2672
130-135	2883
135-140	3082
140-145	3263
145-150	3422
150-155	3558
155-160	3669
160-165	3755
165-170	3816
170-175	3853
175-180	3866
	UNIT: lm

Luminance cd/(m2)

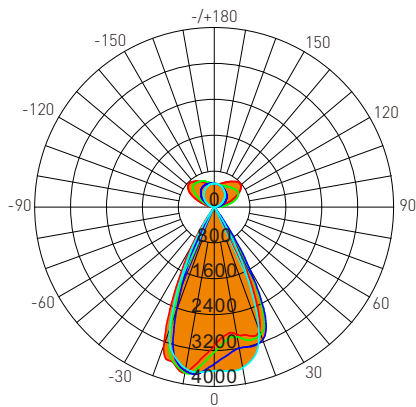
G(DEG)	C0/180	C90/270
85	2227	2085
80	2595	2483
75	2967	2740
70	3381	2983
65	3871	3236
60	4444	3513
55	5907	3834
50	7599	4195
45	9253	4620

VERSA 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting

DISTRIBUTION DIAGRAM

4'/Micro Reflector/50% Up,50% Down/ 4000K



Test Number: ZE-42-140AR
 Lumens: 4530.0 Lm
 Watts: 40 W
 LPW: 113.25 Lm/W
 CCT: 4000K

UNIT: cd
 — C0/180, 51.8°
 — C30/270, 51.9°
 — C60/240, 51.1°
 — C90/270, 49.5°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	2868	3126	3668	3715	3397
10	2880	3036	3634	3615	3745
15	2965	3158	3455	2948	3584
20	2939	3141	2911	1757	3294
25	2099	2754	1812	787.4	2093
30	819.2	1675	767.6	84.95	1038
35	57.67	519.7	112.1	5.340	215.8
40	5.200	38.70	6.196	3.696	5.573
45	3.849	4.987	2.988	2.833	3.959
50	2.820	3.517	1.928	1.993	3.010
55	2.048	2.444	1.189	1.486	2.168
60	1.700	1.590	0.8656	1.277	1.783
65	1.470	1.073	0.7377	1.168	1.502
70	1.244	0.8401	0.6042	0.9728	1.231
75	0.9286	0.6696	0.5020	0.8287	0.9745
80	0.6716	0.5905	0.3831	0.7114	0.7084
85	0.5373	29.27	0.2523	0.4937	0.5233
90	30.98	71.66	0.2141	0.0995	29.17
95	75.71	141.9	15.05	24.16	67.03
100	142.1	225.0	44.13	62.52	127.1
105	242.7	301.3	80.91	126.9	220.4
110	372.9	363.9	121.7	217.7	351.7
115	510.1	410.7	165.2	310.7	490.8
120	635.7	442.3	209.3	395.6	622.1
125	724.8	462.4	252.9	463.4	710.8
130	775.0	475.8	294.3	511.7	761.3
135	779.1	483.6	333.9	540.5	769.3
140	747.9	487.4	371.4	557.4	744.0
145	702.3	487.4	407.0	568.1	704.9
150	655.7	488.6	438.3	571.1	664.9
155	612.7	494.3	464.0	564.6	620.9
160	575.3	503.6	486.8	554.1	577.9
165	544.1	512.1	505.8	540.0	547.0
170	529.8	517.2	519.4	534.1	531.5
175	527.0	523.3	527.4	527.4	525.0
180	526.1	525.7	525.2	525.2	526.1
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	82.46
5-10	328.5
10-15	726.1
15-20	1229
20-25	1728
25-30	2096
30-35	2265
35-40	2302
40-45	2306
45-50	2307
50-55	2308
55-60	2309
60-65	2310
65-70	2310
70-75	2311
75-80	2311
80-85	2313
85-90	2320
90-95	2342
95-100	2386
100-105	2463
105-110	2576
110-115	2727
115-120	2909
120-125	3113
125-130	3327
130-135	3538
135-140	3737
140-145	3919
145-150	4079
150-155	4216
155-160	4329
160-165	4417
165-170	4480
170-175	4517
175-180	4530
	UNIT: lm

Luminance cd/(m2)

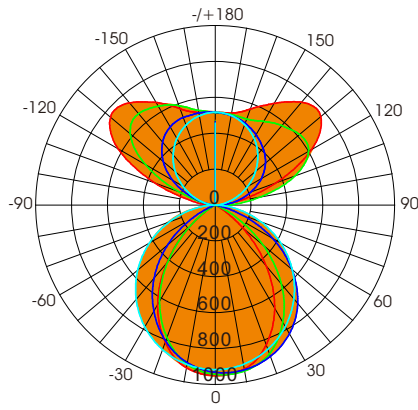
G(DEG)	C0/180	C90/270
85	86	40
80	54	31
75	50	27
70	50	25
65	48	24
60	47	24
55	50	29
50	61	42
45	76	59

VERSA 2.3"-Pendant

Spec-grade | Architectural LED Linear Lighting

DISTRIBUTION DIAGRAM

4'/Deep Regressed/50% Up,50% Down/ 4000K



Test Number: ZE-42-140AT
 Lumens: 4070.6 Lm
 Watts: 40 W
 LPW: 101.77 Lm/W
 CCT: 4000K

UNIT: cd
 — C0/180, 360°
 — C30/270,360°
 — C60/240, 360°
 — C90/270, 360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	946.0	943.5	913.4	885.0	943.1
10	928.1	938.5	901.8	838.4	921.2
15	891.1	924.5	882.1	780.3	879.6
20	829.8	899.4	855.9	712.6	814.6
25	753.7	861.8	822.4	634.8	735.7
30	663.4	806.8	781.9	546.8	643.6
35	558.1	738.1	734.7	449.6	536.2
40	442.7	657.8	682.4	347.7	418.9
45	322.4	567.3	623.8	243.4	299.6
50	204.9	466.2	560.3	143.4	181.6
55	101.4	356.7	492.9	60.86	84.70
60	27.77	244.0	420.8	10.84	16.86
65	4.112	135.5	345.9	1.668	4.051
70	2.630	47.83	268.2	1.816	2.600
75	1.706	3.690	190.8	1.167	1.677
80	1.065	1.703	117.4	0.7295	1.033
85	0.7453	18.53	49.22	0.4487	0.6440
90	29.42	53.07	1.509	0.3989	28.29
95	70.27	110.8	14.82	27.83	68.73
100	132.9	190.9	44.10	68.59	129.0
105	228.4	270.2	80.81	137.5	222.8
110	355.1	337.7	121.5	230.3	353.6
115	491.8	391.5	164.9	324.7	492.3
120	619.3	430.1	208.7	409.3	622.8
125	713.2	455.4	252.3	475.1	712.4
130	768.2	471.2	293.6	520.7	762.1
135	777.1	482.9	332.7	546.4	769.5
140	748.5	488.9	369.4	560.2	743.3
145	702.4	489.3	403.0	567.7	703.0
150	654.2	489.1	432.2	567.7	660.9
155	609.3	490.4	457.0	557.9	615.3
160	570.3	497.3	478.0	544.8	571.3
165	537.6	504.9	495.7	530.8	539.4
170	521.2	510.3	508.1	524.4	523.2
175	517.2	512.8	515.3	518.0	516.1
180	516.6	516.4	516.4	516.4	516.6
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	22.14
5-10	87.59
10-15	193.3
15-20	334.1
20-25	503.1
25-30	691.8
30-35	890.3
35-40	1088
40-45	1275
45-50	1441
50-55	1579
55-60	1686
60-65	1763
65-70	1815
70-75	1846
75-80	1862
80-85	1868
85-90	1875
90-95	1894
95-100	1936
100-105	2010
105-110	2122
110-115	2272
115-120	2455
120-125	2661
125-130	2876
130-135	3087
135-140	3287
140-145	3468
145-150	3627
150-155	3763
155-160	3874
160-165	3960
165-170	4021
170-175	4058
175-180	4071
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	119	7843
80	85	9390
75	92	10237
70	107	10891
65	135	11369
60	771	11690
55	2455	11935
50	4427	12107
45	6332	12253