

variLine™ Direct/Indirect 3" Suspended Mount

PRODUCT OVERVIEW:

- Variety of widths to use (1.5", 2", 3", or 4") for a family approach to lighting
- Suspended Mount Kits Available
- Extruded aluminum housing, aluminum end caps
- 0-10V dimming to 1% standard
- variTune™ - 4 CCT selectable (2700K, 3000K, 3500K, 4000K; 90+ CRI)
- variLumen™ - 3 lumen output selectable
- Optional set lumen output and CCT for energy code compliance



PHOTOMETRY

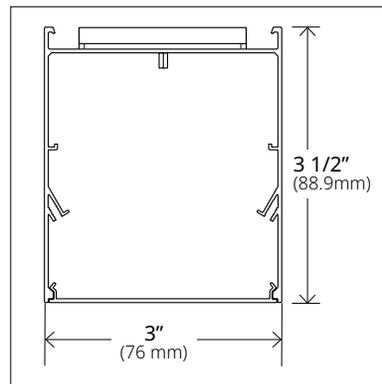
Direct (DW) / Indirect (DW)

Output	lm/ft	W/ft	lm/W
High	2170.5	17.9	121

Direct (WW) / Indirect (DW)

Output	lm/ft	W/ft	lm/W
High	2285.75	17.9	128

Calculated based on 4000K - for more photometry information, see page 4.



For technical details and installation manual, scan QR code or visit [product page](#)



Date: _____ Quantity: _____ Type: _____ Customer: _____

Project Name: _____

Comments: _____

CATALOG CODE:

ORDERING INFORMATION

VLDI3					
Series	Length	Finish	Lumens ¹	CCT	Distribution
VLDI3¹ variLine™ Direct Indirect 3" aperture	2 2 foot	WH White	VL3 variLumen™	VT4 variTune™	Direct/Indirect DW/DW Diffuse White/ Diffuse White
	3 3 foot	BK Black	or select single option from each column below		
	4 4 foot		HO High Output	27 2700K	WW/DW Wall Wash/Diffuse White
	8 8 foot		MO Medium Output	30 3000K	
	Rx^{2,5} Run		LO Low Output	35 3500K 40 4000K	

UNV		SUSP	
Voltage	Dimming	Mounting	Electrical
UNV 120V through 277V	D01 0-10V Dimming to 1% ND Non-Dimmable (On/Off function only)	SUSP Suspended see page 6	(blank) No Options SS⁴ Separate Switching EC⁵ Emergency Circuit EM⁵ Emergency Battery

ORDERING NOTES

- For other sizes, distributions, or mountings, see more variLine™ spec sheets at aurabydh.com
- For fixture Run lengths, see "variLine™ Runs Layout Guide" online. Run lengths specified do not include any length of corners selected. See page 5 for details. Longer runs are established by combining 2', 3', 4' and 8' lengths. See chart on page 7 for details on out to achieve the desired length.
- Select VL3 and VT4 for field-selectable lumen output / CCT, or choose one of the preset power levels and CCTs—see output chart on page 4 for details.
- Direct switched separately from Indirect – includes a separate feed.
- Emergency options available for increments of 4' or 8' fixtures or Runs. See page 3 for details.
- Rolled Lens suggested for all runs where 2 or more straight fixture sections are joined.

Date: _____ Quantity: _____ Type: _____ Customer: _____

Project Name: _____

Comments: _____

TECHNICAL INFORMATION

CONSTRUCTION

Housing

- 6063-T6 Extruded aluminum housing, die-cast aluminum end caps
- 14 Ga Cold rolled steel gear trays are powder coated high-reflectance white for optimal performance.
- Standard lengths are 2', 3', 4', and 8', with the option to combine for continuous runs.
- Acrylic snap-in lensing offers a variety of distributions in Both Direct, Indirect, and wall wash applications with a Diffuse (DW) Distribution.

Finish

- Powder coating available in White (WH) or Black (BK). For custom colors (CU), please consult factory.



MOUNTING

Suspended Mount

8' aircraft cable mounting with a color matching White or Black Power feed and canopy. Consult with factory for other suspended mounting options.

ELECTRICAL

- Proprietary high performing LED light engine offers LEDs in both 2700K and 4000K, which allow field-selectable CCTs tuning of 2700K, 3000K, 3500K, and 4000K; with a Color Rendering Index (CRI) of 90+ and R9 >50.
- Class 2, Class P integral driver allows for field-selectable or factory-set output. Driver is 120-277V, with power factor >0.9 and THD <15%. 0-10V dimming down to 1%. Integral surge protection of 2Kv 1kA.
- Optional integral Emergency Battery Pack is compatible with 4' or 8' length runs only. The emergency battery pack is 10W, which produces approximately 1250 lumens (per 4-foot) for 90 minutes.
- Clean aesthetics are created with a remote location Push-to-Test Switch.

JOINER CONNECTIONS

- Joiners are uniquely designed with built-in features to tighten seams and prevent light leaks. See spec sheet for joiner and transition options.

LENSING

- All fixtures are supplied with standard lenses. 48' Field cuttable Rolled Lens must be ordered and is suggested for all runs where 2 or more straight fixture sections are joined. (Part# RL48)

WEIGHTS

Size	Weight	
2 foot	3.4 lbs.	1.54 kg
3 foot	4.81 lbs.	2.18 kg
4 foot	6.48 lbs.	2.94 kg
8 foot	11.9 lbs.	5.4 kg

LUMEN MAINTENANCE

- L70 >50,000 hours at 25°C per TM-21 reports. For additional photometric information, scroll down to page 5.

AMBIENT ENVIRONMENT

- Ambient temperatures from -20°C (-4°F) to 45°C (113°F) and suitable for dry and damp locations, indoors only.

CERTIFICATIONS AND LABELS

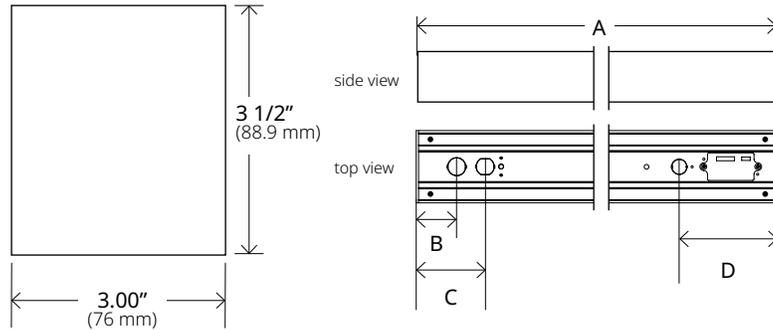
- ETL Listed and vigorously tested to UL1598 standards
- RoHS compliant

Warranty

variLine AURA by Dernier & Hamlyn backs our products with a 7-year warranty to the original purchaser. This limited warranty assures that the fixture will be free from defects in material, manufacturing, and workmanship for up to 7 years from the original ship date when installed and operated according to the intended purpose by a professional. For any additional warranty questions, please contact technical support at (877) 476-9384.

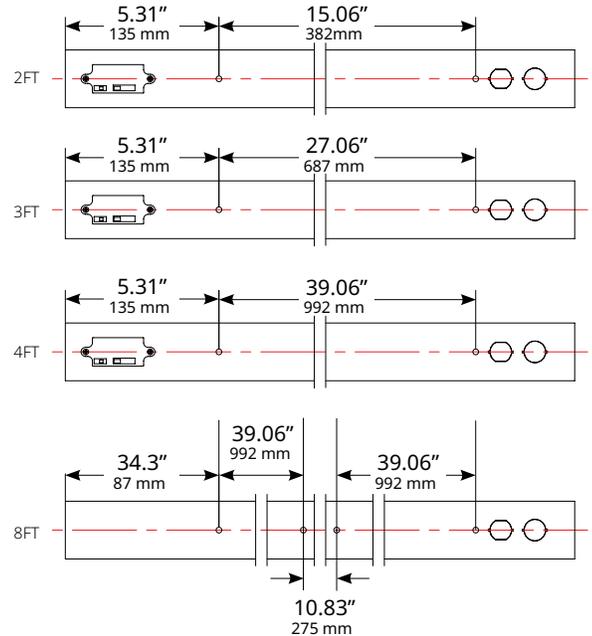
DIMENSIONS

End Cap



	"A" length of housing; with end caps		"B" Knockout 1		"C" Knockout 2		"D" Knockout 3	
2 Ft	24"	604 mm						
3 Ft	36"	687 mm						
4 Ft	48"	992 mm	1.69"	43 mm	2.87"	73 mm	4.06"	103 mm
8 Ft	96"	2435 mm						

Mounting Dimensions



ENERGY CONSUMPTION

Luminaires are 2100 lm/ft DW-DW | 2200 lm/ft WW-DW at 100% output (nominal)

2-Foot	DW-DW	WW-DW
LUMEN OUTPUT	4200	4400
WATTAGE	35	35
EFFICACY	120	125

4-Foot	DW-DW	WW-DW
LUMEN OUTPUT	8400	8800
WATTAGE	70	70
EFFICACY	120	125

3-Foot	DW-DW	WW-DW
LUMEN OUTPUT	6300	6600
WATTAGE	52	52
EFFICACY	120	125

8-Foot	DW-DW	WW-DW
LUMEN OUTPUT	16800	17600
WATTAGE	140	140
EFFICACY	120	125

*Values based on 4000K at the highest lumen output selected. All Values are Nominal, based on 2100 lm/ft DW-DW and 2200 lm/ft WW-DW.

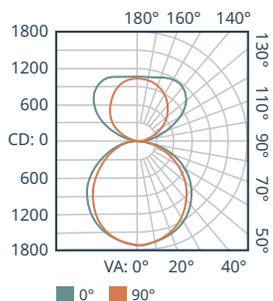
		Multipliers		
		Uplight		
Downlight	HO	100%	88%	81%
	MO	84%	80%	70%
	LO	74%	63%	60%

CCT	Multipliers
4000K	100.0%
3500K	98.6%
3000K	96.1%
2700K	93.5%

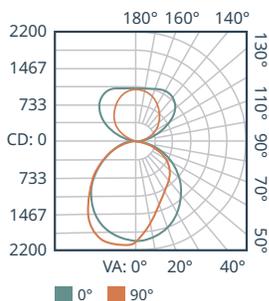
4-FT PHOTOMETRY (Based on 4000K at the highest lumen output selected)

IES FILES

ISOCANDELA PLOT SAMPLES DW-DW 4000K

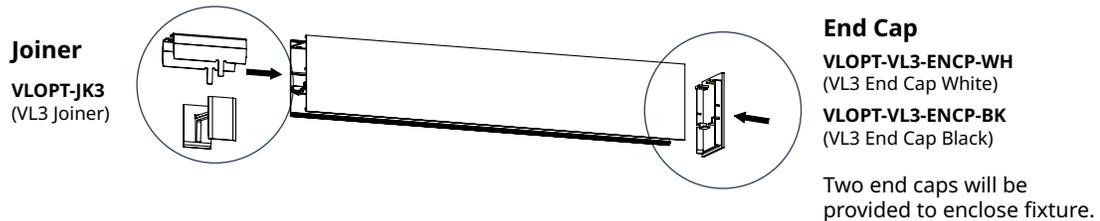


ISOCANDELA PLOT SAMPLES WW-DW 4000K



8-FT (multiply by 2)
2-FT (multiply by .5)
3-FT (multiply by .75)

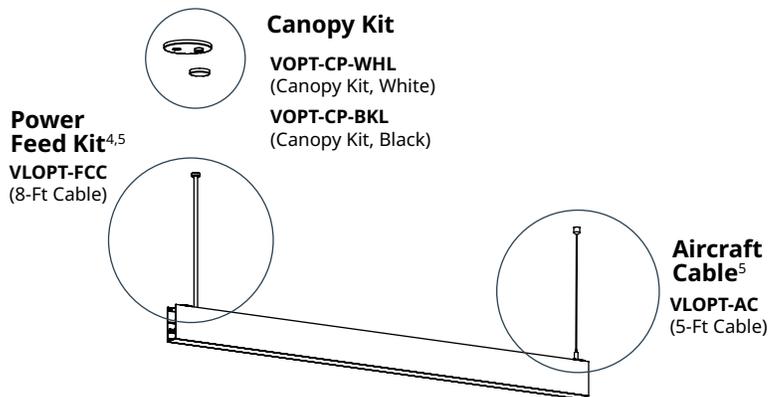
INSTALLATION COMPONENTS¹



ACCESSORIES

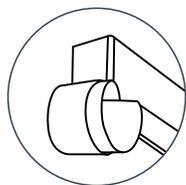
Mounting Kits^{1,2}

SUSPENDED MOUNTING



- Notes:**
1. See chart on page 6 for what is included with each length.
 2. Limited mounting hardware provided. Person installing may want to use their own additional mounting screws, hangers, clips, etc.
 3. Canopy includes both large and small size
 4. 2 Power Feed Kits Needed for Selective Switching
 5. Default cable is 8'. Longer aircraft and power feeds available.

Rolled Lens



VLOPT-LEND3
Rolled Lens, 48" – field cuttable; suggested for all runs where 2 or more straight fixture sections are joined.

Note: Rolled Lens (VLOPT-LEND3) only available with Diffuse White (DW) for Direct side of fixture.

Tamper-Proof Switch Cover

(Included with non field adjustable options only)

VLOPT-SWCP-WH
(White Cover)
VLOPT-SWCP-BK
(Black Cover)



RUN CONFIGURATION

Linear Run (Feet)	FIXTURE LENGTHS AND QTY								Total # Fixtures	REQUIRED PARTS		SUSPENDED MOUNT	
	Recommended Configuration (Using 2', 3', 4', and 8' Lengths)									End Caps	Joiners	Power Feed	Aircraft Cable
2	2								1	2	0	1	2
3	3								1	2	0	1	2
4	4								1	2	0	1	2
5	2	3							2	2	1	1	2
6	3	3							2	2	1	1	2
7	3	4							2	2	1	1	2
8	8								1	2	0	1	2
9	3	3	3						3	2	2	1	2
10	4	2	4						3	2	2	1	2
11	8	3							2	2	1	1	2
12	8	4							2	2	1	1	2
13	8	3	2						3	2	2	1	3
14	8	3	3						3	2	2	1	3
15	8	3	4						3	2	2	1	3
16	8	8							2	2	1	1	3
17	8	4	3	2					4	2	3	1	3
18	8	2	8						3	2	2	1	3
19	8	8	3						3	2	2	1	3
20	8	8	4						3	2	2	1	3
21	8	8	2	3					4	2	3	1	3
22	8	3	3	8					4	2	3	1	3
23	8	8	3	4					4	2	3	1	3
24	8	8	8						3	2	2	1	3
25	8	8	3	3	3				5	2	4	1	4
26	8	8	8	2					4	2	3	1	4
27	8	8	8	3					4	2	3	1	4
28	8	8	8	4					4	2	3	1	4
29	8	8	8	3	2				5	2	4	1	4
30	8	8	8	3	3				5	2	4	1	4
31	8	8	8	4	3				5	2	4	1	4
32	8	8	8	8					4	2	3	1	4
33	8	8	8	3	3	3			6	2	5	1	4
34	8	8	8	8	2				5	2	4	1	4
35	8	8	8	8	3				5	2	4	1	4
36	8	8	8	8	4				5	2	4	1	4
37	8	8	8	8	2	3			6	2	5	1	5
38	8	8	8	8	3	3			6	2	5	1	5
39	8	8	8	8	4	3			6	2	5	1	5
40	8	8	8	8	8				5	2	4	1	5
41	8	8	8	8	3	3	3		7	2	6	1	5
42	8	8	8	8	8	2			6	2	5	1	5
43	8	8	8	8	8	3			6	2	5	1	5
44	8	8	8	8	8	4			6	2	5	1	5
45	8	8	8	8	4	3	3	3	8	2	7	1	5
46	8	8	8	8	8	3	3		7	2	6	1	5
47	8	8	8	8	8	4	3		7	2	6	1	5
48	8	8	8	8	8	8			6	2	5	1	6

Note: Customized configurations also available. Contact (877) 476-9384 for more information.