



## Product Ordering Guide

VL<sub>1</sub> - I<sub>3</sub> TW<sub>4</sub> U<sub>5</sub> D<sub>6</sub>



### 1. Base Model

VL Linear Vertical

### 2. Length

4 4 feet

### 3. Driver

I Internal

### 4. CCT

- TW CCT Adjustable: 3000K,3500K,4000K
- 30 3000K
- 35 3500K
- 40 4000K

\* Could be custom, consult with your sales reps if needed

### 5. Lighting Distribution Options

- U Indirect
- D Direct

### 6. Optics Options

- D Diffuser
- L Louver

## Optional Ordering Information

### Pendant Accessory

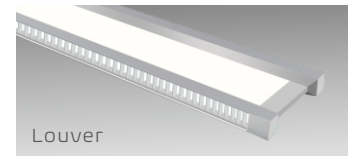
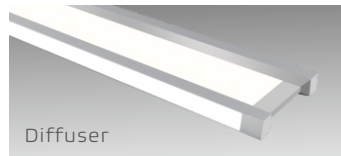
- For dry ceiling
- For drop ceiling (T-Grid Ceiling)

### canopy

- Round (2" & 4")
- Square (2" & 4")

- Emergency
- Sensor

## Specification



Model	VL4-IXXXD	VL4-IXXXL
Internal Driver	✓	✓
40W	✓	✓
4' Length	✓	✓
Efficacy	100lm/w, 1000lm/ft	90lm/w, 900lm/ft
CCT Adjustable 3000K, 3500K, 4000K	✓	✓
Lighting Distribution	Direct, Indirect	Direct
PoE Input Voltage	✓	✓
RA>80	✓	✓
RA>90 Option	✓	✓
UGR<19 Option		✓ (Louver in black)
Pendant In Dry Ceiling	✓	✓
Pendant In Drop Ceiling (T-Grid Ceiling)	✓	✓
Continuous Runs (Up to 40ft)	✓	✓
0-10V Dimming	✓	✓
Emergency Option	✓	✓
Sensor Option	✓	✓
UL/CUL	✓	✓

## Performance Summary

Finish Color: Silver

THD: <20%

Power Factor: >0.9

Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL

Lifespan: ≥50,000 Hrs

Mounting: Suspended and available for seamless continuous runs

Warranty: 5 years limited

## Dimensions



# Vertical Linear

Architectural LED Luminaire

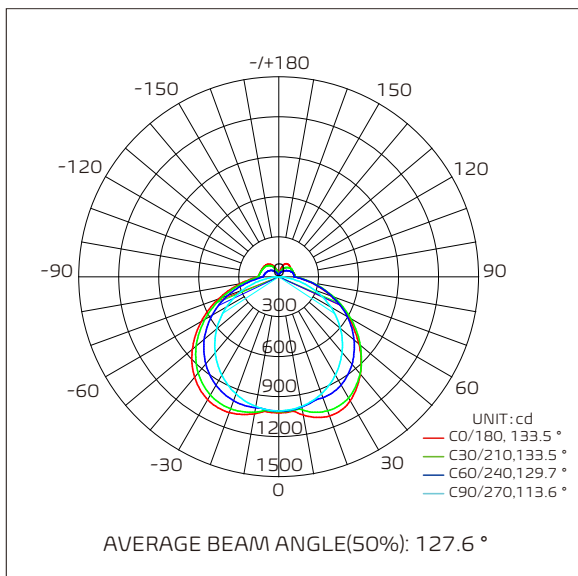
Diffuser/4000K/Direct

## Photometric

Fixture photometry has been conducted accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Result may vary per actual order.

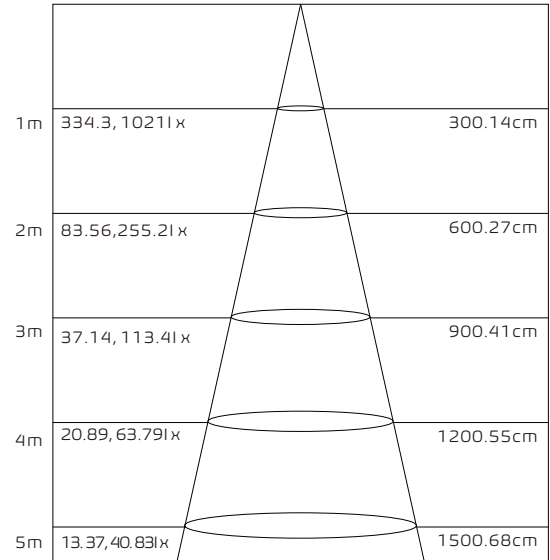
## Distribution Diagram

VL-I40DD



## Average Illuminance Curve

Flux out: 2490 lm



Height Eavg, Emax Angle: 112.64deg Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

## Zonal Flux Diagram

τ	C0	C45	C90	C135	C180	C225	C270	C315
10	1053	996.2	987.9	1012	1043	1016	988.9	992.1
20	1112	1025	935.3	1018	1084	1024	937.0	1019
30	1075	1000	851.2	979.0	1066	987.6	853.9	997.5
40	952.5	915.2	739.6	893.5	983.6	903.6	742.9	915.1
50	787.0	783.7	604.5	766.6	847.0	777.7	608.3	785.6
60	604.9	620.6	449.1	605.5	672.5	617.4	453.3	624.2
70	416.6	440.5	278.3	424.8	478.8	435.4	282.5	444.9
80	242.5	258.5	110.0	247.3	289.8	255.7	112.3	264.1
90	123.9	130.3	2.740	143.7	159.0	145.4	2.733	131.9

DEG LUMINOUS INTENSITY:cd

## Zonal Lumen Summary

τ	φ zone	φ total	%lum,lamp
0-10	96.00	96.00	2.28,2.28
10-20	288.0	384.0	9.13,9.13
20-30	462.1	846.1	20.1,20.1
30-40	584.5	1431	34,34
40-50	631.9	2063	49,49
50-60	599.1	2662	63.3,63.3
60-70	493.3	3155	75,75
70-80	335.7	3491	83,83
80-90	177.8	3668	87.2,87.2

UNIT: lm

## Coefficients of Utilization

ppc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio (CU)															
0.0	116	116	116	112	112	112	104	104	104	97	97	97	90	90	90	87
1.0	99	94	90	95	91	87	89	85	82	83	80	77	77	75	73	70
2.0	85	78	72	82	76	70	77	71	66	71	67	63	67	63	60	57
3.0	74	66	59	72	64	58	67	60	55	62	57	52	58	54	50	47
4.0	65	56	49	63	55	48	59	52	46	55	49	44	52	46	42	40
5.0	58	49	42	56	48	41	53	45	40	49	43	38	46	41	36	34
6.0	52	43	36	50	42	36	47	40	34	44	38	33	42	36	32	29
7.0	47	38	32	46	37	31	43	35	30	40	34	29	38	32	28	26
8.0	43	34	28	41	33	28	39	32	27	37	30	26	35	29	25	23
9.0	39	31	25	38	30	25	36	29	24	34	28	23	32	26	22	20
10.0	36	28	23	35	27	22	33	26	21	31	25	21	30	24	20	18