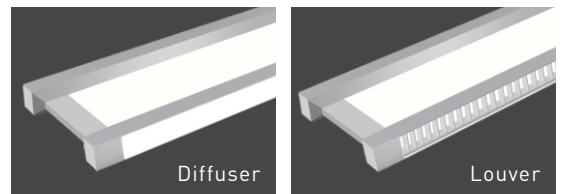


META Vertical

Pendant | Architectural LED Linear



Meta vertical linear is integrated with ultra-thin semi-transparent vertical optics, enveloped in a signature sloping silhouette where the frame meets the optics, precisely controlled optimal direct and indirect distributions at a split of light between the direct surfaces below and the ambient area horizontal the fixture. We strive to challenge the highest visual comfort standard by offering diffuser and louver lens. Most of our customers have been struggling with inventory control, thanks to the CCT adjustable technology, you can now fulfill more orders with fewer SKUs to win more projects! It's highly engineered luminaire joining design allows for simple and intuitive assembly in the field which is perfect for applications that include conference rooms, open offices, retail settings, anywhere you want to make a statement.





Feature

- UL, cUL Listed, damp rated
- 4' 40W, up to 1100 lm/ft
- Transparent vertical optics, enveloped in a signature sloping silhouette
- Direct or indirect lighting distribution options
- CCT adjustable 3000K, 3500K, 4000K by dip switch
- Seamless continuous runs, up to 40' per power feed
- Application flexibility, T-grid or dry ceiling compatible



PERFORMANCE

| Lens | Efficacy Direct  | Efficacy Indirect  |
|----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Diffuser | 1000lm/ft | 1100lm/ft |
| Louver | 800lm/ft | N/A |

All efficacy is ±5% base on different CCT. Check the IES file to gain the accurate data.

META Vertical

Pendant | Architectural LED Linear

STRUCTURE

▶▶ Optics

Ultra-thin semi-transparent vertical optics, enveloped in a signature sloping silhouette where the frame meets the optics.

▶▶ Finish

Extruded aluminum housing with powder coat white finish or custom.

▶▶ Electrical

Mini Internal 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 UL recognized and available for 110-277V input voltage.

▶▶ LED System

CRI Minimum 80 color rendering index

CCT The choice of 3000K, 3500K, 4000K color temperature or CCT adjustable from 3000K, 3500K and 4000K with a great color consistency.

LED Minimum 50,000h with 87.8% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.

▶▶ Approvals

- cULus listed
- Suitable for damp locations
- Designed for indoor use only
- 5 years limited warranty

▶▶ Optional Function

Occupancy Sensor We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BR1810BI-level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.



Emergency Option Optional high voltage 8W emergency LED driver EM-H08170-LBF can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements.



For more info or spec sheet, please visit our website or contact sales.

Emergency Lumen Output:

| | |
|------------------|-----------------|
| Fixture Efficacy | Output Power 8w |
| 100lm/w | 800 Lumens |

PRODUCT ORDERING GUIDE

Sample

$\frac{LV}{1} \frac{4}{2} - \frac{I}{3} \frac{TW}{4} \frac{U}{5} \frac{D}{6}$



1. Base Model

LV Meta Vertical

2. Length

4 4 feet

3. Driver

I Internal

4. CCT

TW CCT Adjustable: 3000K,3500K,4000K

30 3000K *

35 3500K *

40 4000K *

5. Lighting Distribution Options

U Indirect * D Direct

6. Optics Options

D Diffuser L Louver

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) *

Canopy

1.6" Round

4.5" Round (Designed for power cable)

5.8" Round With Occupancy Sensor (Power Feed)

Optional Function

LED Emergency Driver (Order Separated)

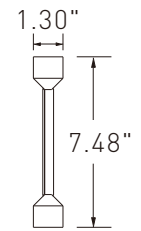
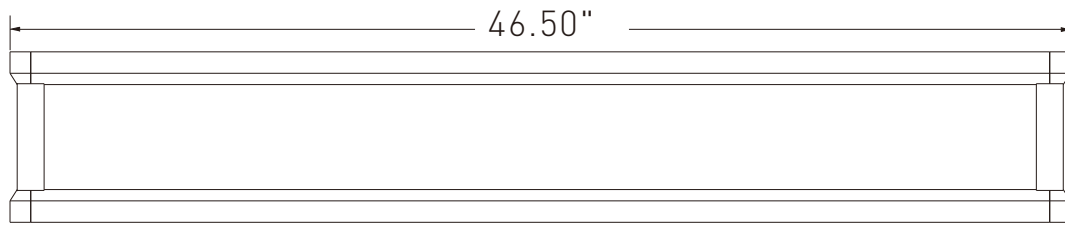
Occupancy Sensor (Order Separated)

*Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

META Vertical

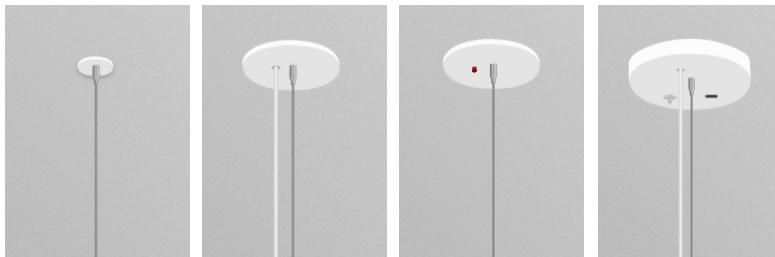
Pendant | Architectural LED Linear

DIMENSIONS



MOUNTING

Canopy Style



1.6" Round
(Non Power Feed)

4.5" Round
(Power Feed)

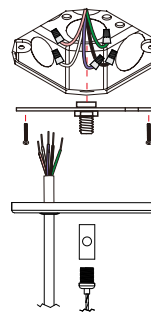
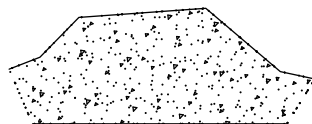
4.5" Round With
Emergency Driver
(Non Power Feed)

5.8" Round With
Occupancy Sensor
(Power Feed)



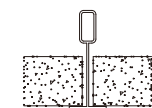
Dry Ceiling / Off Grid

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

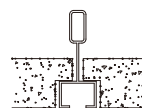


Drop Ceiling / On Grid

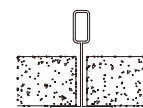
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



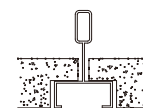
9/16" Flat Ceiling



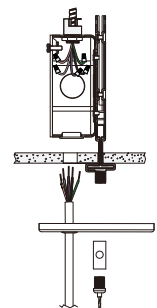
9/16" Slot Ceiling



15/16" Flat Ceiling



15/16" Slot Ceiling

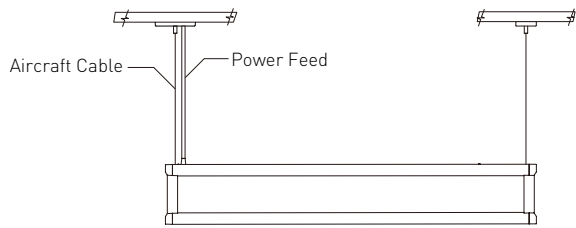


*Please see the installation instruction for more details.

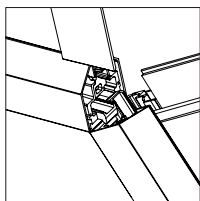
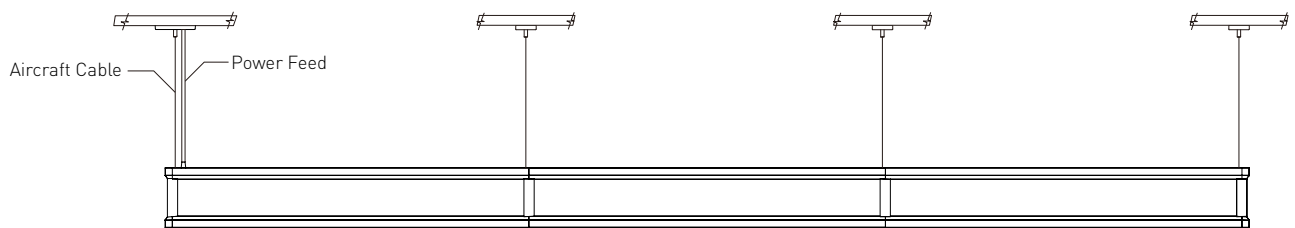
META Vertical

Pendant | Architectural LED Linear

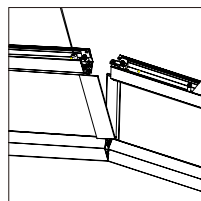
Individual



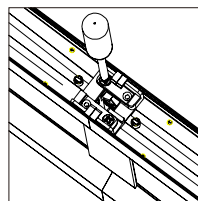
Continuous Run



Align position



Slide fixtures together



Secure fixtures together via screwdriver

The maximum connection of each input line is less than 40FT in 120AC, less than 100FT in 277AC.

Standard Line Runs In 120V

| Luminaire Run Length (ft) | Run Configuration | 5' Power Cable | 5' Aircraft Cable | Canopy |
|---------------------------|-------------------------------|----------------|-------------------|--------|
| 4 | 4' | 1 | 2 | 2 |
| 8 | 4'+4' | 1 | 3 | 3 |
| 12 | 4'+4'+4' | 1 | 4 | 4 |
| 16 | 4'+4'+4'+4' | 1 | 5 | 5 |
| 20 | 4'+4'+4'+4'+4' | 1 | 6 | 6 |
| 24 | 4'+4'+4'+4'+4'+4' | 1 | 7 | 7 |
| 28 | 4'+4'+4'+4'+4'+4'+4' | 1 | 8 | 8 |
| 32 | 4'+4'+4'+4'+4'+4'+4'+4' | 1 | 9 | 9 |
| 36 | 4'+4'+4'+4'+4'+4'+4'+4'+4' | 1 | 10 | 10 |
| 40 | 4'+4'+4'+4'+4'+4'+4'+4'+4'+4' | 1 | 11 | 11 |

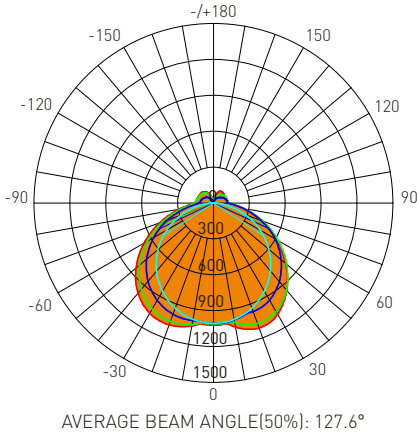
Note: 4.5" canopy is designed for power cable

META Vertical

Pendant | Architectural LED Linear

DISTRIBUTION DIAGRAM

Diffuser (Direct)



Test Number: LV4-I40DD
 Lumens: 4207.22 Lm
 Watts: 40 W
 LPW: 109.62 Lm/W
 CCT: 4000K

UNIT: cd
 - C0/180, 133.5°
 - C30/210, 133.5°
 - C60/240, 129.7°
 - C90/270, 113.6°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|-------|-------|-------|-------|
| 10 | 1053 | 996.2 | 987.9 | 1012 | 1043 |
| 20 | 1112 | 1025 | 935.3 | 1018 | 1084 |
| 30 | 1075 | 1000 | 851.2 | 979.0 | 1066 |
| 40 | 952.5 | 915.2 | 739.6 | 893.5 | 983.6 |
| 50 | 787.0 | 783.7 | 604.5 | 766.6 | 847.0 |
| 60 | 604.9 | 620.6 | 449.1 | 605.5 | 672.5 |
| 70 | 416.6 | 440.5 | 278.3 | 424.8 | 478.8 |
| 80 | 242.5 | 258.5 | 110.0 | 247.3 | 289.8 |
| 90 | 123.9 | 130.3 | 2.740 | 143.7 | 159.0 |
| 100 | 120.5 | 119.6 | 3.909 | 133.9 | 146.8 |
| 110 | 113.3 | 116.8 | 3.829 | 126.0 | 141.1 |
| 120 | 112.3 | 109.1 | 3.944 | 117.6 | 138.0 |
| 130 | 113.7 | 92.03 | 4.770 | 106.0 | 134.2 |
| 140 | 118.4 | 77.33 | 2.787 | 89.37 | 124.8 |
| 150 | 116.1 | 59.57 | 3.139 | 66.65 | 103.9 |
| 160 | 87.65 | 43.48 | 3.301 | 37.76 | 67.08 |
| 170 | 21.87 | 20.75 | 3.302 | 4.479 | 15.56 |
| 180 | 2.967 | 3.143 | 3.211 | 3.161 | 2.963 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

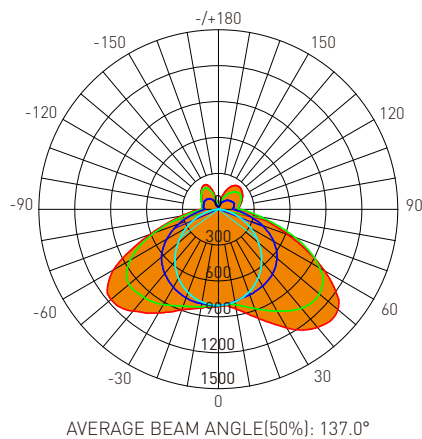
Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-10 | 96.00 |
| 10-20 | 384.0 |
| 20-30 | 846.1 |
| 30-40 | 1431 |
| 40-50 | 2063 |
| 50-60 | 2662 |
| 60-70 | 3155 |
| 70-80 | 3491 |
| 80-90 | 3668 |
| 90-100 | 3787 |
| 100-110 | 3896 |
| 110-120 | 3991 |
| 120-130 | 4071 |
| 130-140 | 4133 |
| 140-150 | 4176 |
| 150-160 | 4199 |
| 160-170 | 4207 |
| 170-180 | 4207 |
| | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 67852 | 17105 |
| 80 | 48154 | 21840 |
| 75 | 43431 | 25467 |
| 70 | 42007 | 28059 |
| 65 | 41821 | 29829 |
| 60 | 41716 | 30971 |
| 55 | 41730 | 31807 |
| 50 | 42217 | 32429 |
| 45 | 42641 | 32896 |

Diffuser (Indirect)



Test Number: LV4-ITWUD
 Lumens: 4492.7 Lm
 Watts: 40 W
 LPW: 114.25Lm/W
 CCT: 4000K

UNIT: cd
 - C0/180, 152.6°
 - C30/210, 153.3°
 - C60/240, 135.5°
 - C90/270, 106.4°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|-------|--------|-------|-------|
| 10 | 846.6 | 790.9 | 786.5 | 804.5 | 838.8 |
| 20 | 969.6 | 818.7 | 739.6 | 811.7 | 895.7 |
| 30 | 1145 | 858.4 | 664.2 | 819.4 | 1002 |
| 40 | 1289 | 885.3 | 563.1 | 815.8 | 1111 |
| 50 | 1304 | 862.7 | 441.4 | 763.7 | 1173 |
| 60 | 1020 | 760.8 | 309.5 | 649.5 | 1012 |
| 70 | 615.0 | 559.6 | 177.0 | 455.7 | 604.5 |
| 80 | 328.7 | 319.3 | 63.40 | 240.8 | 309.6 |
| 90 | 176.4 | 167.7 | 1.009 | 122.2 | 145.9 |
| 100 | 184.3 | 163.5 | 0.8436 | 135.9 | 142.5 |
| 110 | 208.6 | 180.0 | 1.204 | 148.1 | 148.9 |
| 120 | 233.5 | 186.0 | 1.574 | 159.3 | 165.8 |
| 130 | 253.1 | 168.7 | 1.939 | 171.0 | 188.0 |
| 140 | 254.8 | 145.2 | 2.273 | 174.7 | 222.1 |
| 150 | 224.5 | 109.9 | 2.516 | 155.1 | 237.2 |
| 160 | 151.7 | 72.97 | 2.582 | 94.39 | 191.4 |
| 170 | 24.75 | 24.59 | 2.584 | 6.175 | 45.31 |
| 180 | 2.381 | 2.449 | 2.471 | 2.433 | 2.417 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-10 | 76.46 |
| 10-20 | 307.1 |
| 20-30 | 694.6 |
| 30-40 | 1234 |
| 40-50 | 1892 |
| 50-60 | 2581 |
| 60-70 | 3154 |
| 70-80 | 3519 |
| 80-90 | 3711 |
| 90-100 | 3841 |
| 100-110 | 3978 |
| 110-120 | 4115 |
| 120-130 | 4242 |
| 130-140 | 4350 |
| 140-150 | 4431 |
| 150-160 | 4477 |
| 160-170 | 4492 |
| 170-180 | 4493 |
| | UNIT: lm |

Luminance cd/(m2)

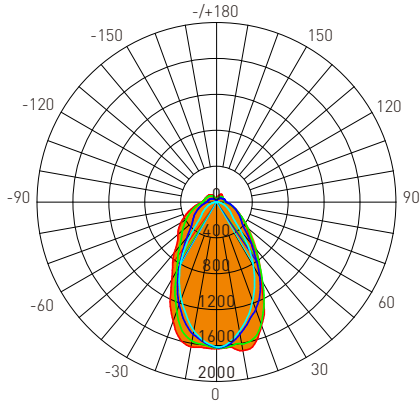
| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 176820 | 16119 |
| 80 | 119799 | 23109 |
| 75 | 110363 | 28479 |
| 70 | 113803 | 32761 |
| 65 | 121775 | 36161 |
| 60 | 129163 | 39183 |
| 55 | 131974 | 41517 |
| 50 | 128397 | 43466 |
| 45 | 118209 | 45092 |

META Vertical

Pendant | Architectural LED Linear

DISTRIBUTION DIAGRAM

Louver (Direct)



Test Number: LV4-I40DL
 Lumens: 3278.8 Lm
 Watts: 40 W
 LPW: 84.04 Lm/W
 CCT: 4000K

UNIT: cd
 — C0/180,70.3°
 — C30/210,67.9°
 — C60/240,64.3°
 — C90/270,60.5°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|-------|--------|-------|-------|
| 10 | 1681 | 1536 | 1464 | 1540 | 1639 |
| 20 | 1464 | 1389 | 1174 | 1251 | 1415 |
| 30 | 1008 | 1008 | 825.6 | 852.5 | 999.1 |
| 40 | 645.8 | 654.5 | 421.9 | 578.8 | 733.5 |
| 50 | 441.9 | 428.7 | 220.7 | 429.0 | 564.5 |
| 60 | 320.7 | 316.0 | 147.9 | 342.3 | 460.6 |
| 70 | 224.5 | 227.9 | 88.91 | 263.3 | 343.1 |
| 80 | 149.4 | 161.2 | 39.14 | 192.8 | 239.4 |
| 90 | 95.30 | 105.0 | 0.5503 | 141.9 | 163.0 |
| 100 | 91.33 | 97.86 | 1.137 | 126.7 | 144.5 |
| 110 | 86.32 | 94.92 | 1.330 | 113.6 | 133.7 |
| 120 | 83.66 | 91.14 | 1.479 | 101.9 | 126.7 |
| 130 | 89.55 | 80.84 | 1.696 | 87.96 | 120.0 |
| 140 | 100.6 | 69.39 | 2.183 | 71.32 | 108.0 |
| 150 | 102.4 | 55.47 | 2.860 | 52.64 | 87.64 |
| 160 | 81.58 | 42.59 | 3.631 | 31.02 | 57.15 |
| 170 | 21.51 | 21.88 | 4.194 | 5.299 | 15.68 |
| 180 | 4.076 | 4.162 | 4.338 | 4.266 | 4.072 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-10 | 150.4 |
| 10-20 | 556.1 |
| 20-30 | 1068 |
| 30-40 | 1532 |
| 40-50 | 1900 |
| 50-60 | 2215 |
| 60-70 | 2476 |
| 70-80 | 2675 |
| 80-90 | 2812 |
| 90-100 | 2918 |
| 100-110 | 3012 |
| 110-120 | 3094 |
| 120-130 | 3162 |
| 130-140 | 3214 |
| 140-150 | 3251 |
| 150-160 | 3271 |
| 160-170 | 3278 |
| 170-180 | 3279 |
| | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 46895 | 6908 |
| 80 | 29664 | 7773 |
| 75 | 24303 | 8388 |
| 70 | 22635 | 8964 |
| 65 | 22130 | 9539 |
| 60 | 22118 | 10201 |
| 55 | 22880 | 10991 |
| 50 | 23704 | 11840 |
| 45 | 25024 | 13586 |