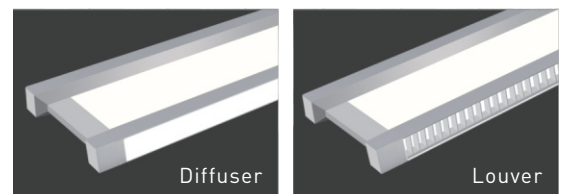


META Vertical

Pendant | Architectural LED Linear



OKT 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 selectable 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' 45W, up to 1200lm/ft
- Transparent vertical optics, enveloped in a signature sloping silhouette
- CCT Selectable 3000K, 3500K, 4000K by dip switch
- Seamless continuous runs
- Application flexibility, T-grid or dry ceiling compatible



PERFORMANCE

| Lens | Efficacy Direct & Indirect |
|----------|-------------------------------|
| Diffuser | 1100lm/ft |
| Louver | 1000lm/ft |

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



Standard Driver Box



Driver Box With Emergency Driver

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

| | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| External 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 AC or 110-347V AC input voltage. |

▶▶ LED System

| | |
|-----|---------------------------------------------------------------------------------------------------------------------------------|
| CRI | Minimum 80 color rendering index |
| CCT | The choice of 3000K, 3500K, 4000K color temperature or CCT selectable from 3000K, 3500K, 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

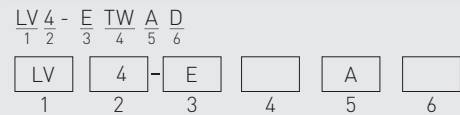
| | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency Option | Optional high voltage 8W emergency LED driver EM-S0854-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



1. Base Model

LV Meta Vertical

2. Length

4 4 feet

3. Driver *

E External

4. CCT*

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

5. Lighting Distribution Options*

A Direct & Indirect

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
- 1.6" Square

Optional Function

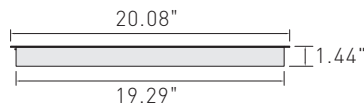
LED Emergency Driver (Order Separated)

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

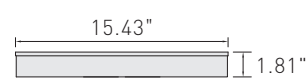
DIMENSIONS



Standard Driver Box

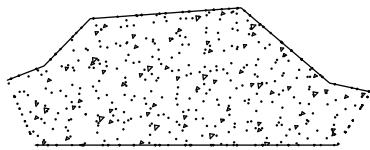


Driver Box With Emergency Driver

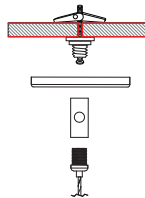
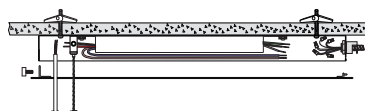


MOUNTING

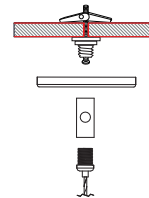
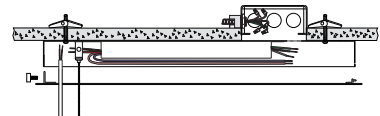
Dry Ceiling / Off Grid



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

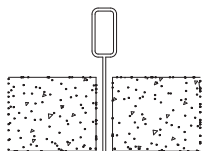


Surface J-box

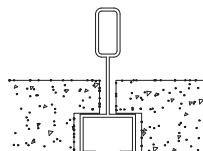


Recessed J-box

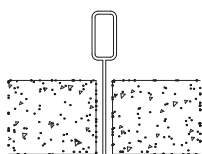
Drop Ceiling / On Grid



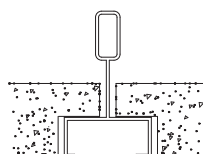
9/16" Flat Ceiling



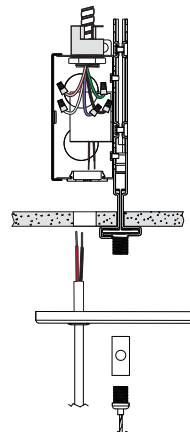
9/16" Slot Ceiling



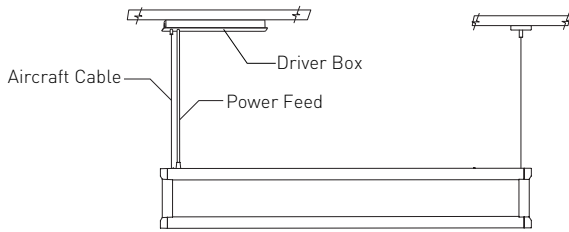
15/16" Flat Ceiling



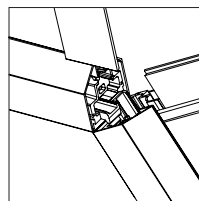
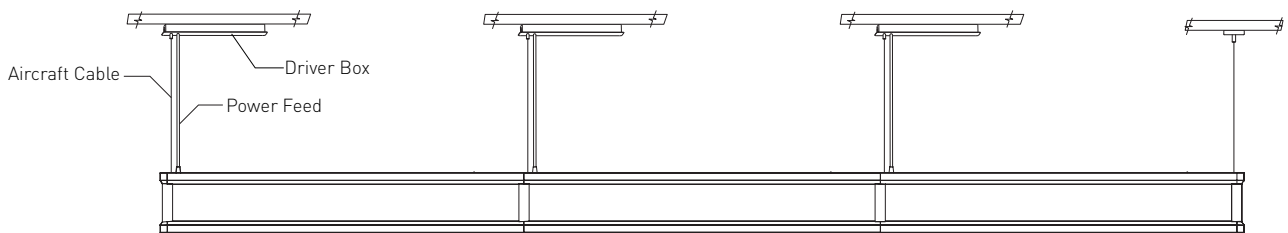
15/16" Slot Ceiling



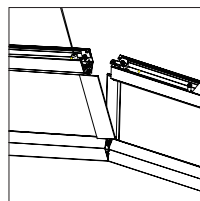
Individual



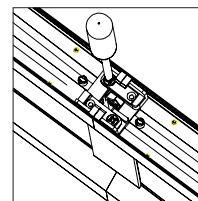
Continuous Run



Align position



Slide fixtures together



Secure fixtures together via screwdriver

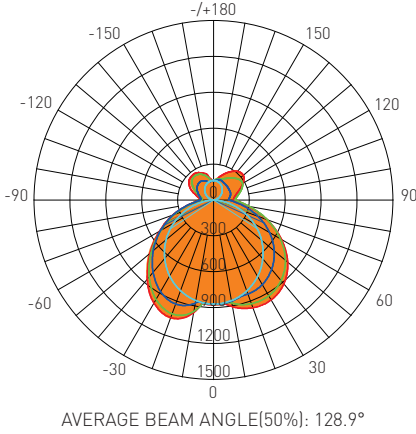
Standard Line Runs In 120V

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

Note: 4.5" canopy is designed for power cable

DISTRIBUTION DIAGRAM

Diffuser-General Diffuse



Test Number: LV4-E30AD
 Lumens: 4394.4 Lm
 Watts: 45 W
 LPW: 93.75 Lm/W
 CCT: 3000K

UNIT: cd
 — C0/180, 137.2°
 — C30/210, 136.7°
 — C60/240, 128.6°
 — C90/270, 113.2°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|-------|--------|-------|-------|
| 5 | 872.6 | 870.2 | 866.2 | 863.9 | 873.1 |
| 10 | 904.5 | 860.4 | 855.1 | 915.5 | 953.6 |
| 15 | 937.8 | 873.4 | 836.4 | 962.9 | 1023 |
| 20 | 958.1 | 887.3 | 810.3 | 975.3 | 1046 |
| 25 | 967.4 | 887.4 | 777.1 | 962.5 | 1034 |
| 30 | 963.9 | 877.3 | 737.8 | 928.3 | 996.5 |
| 35 | 947.0 | 857.8 | 691.6 | 879.9 | 939.4 |
| 40 | 915.4 | 827.5 | 642.2 | 818.5 | 862.5 |
| 45 | 869.8 | 786.9 | 585.4 | 751.1 | 776.7 |
| 50 | 809.7 | 736.0 | 524.3 | 678.7 | 693.8 |
| 55 | 737.3 | 676.0 | 458.9 | 601.2 | 609.1 |
| 60 | 654.8 | 606.8 | 390.1 | 519.5 | 522.6 |
| 65 | 565.9 | 530.1 | 317.9 | 435.0 | 442.7 |
| 70 | 472.8 | 448.4 | 241.8 | 350.1 | 360.0 |
| 75 | 379.3 | 365.3 | 167.3 | 269.0 | 276.5 |
| 80 | 292.4 | 284.4 | 97.35 | 195.8 | 204.9 |
| 85 | 216.8 | 213.9 | 39.46 | 136.7 | 142.9 |
| 90 | 169.2 | 171.3 | 0.8451 | 106.5 | 77.78 |
| 95 | 170.9 | 172.2 | 5.159 | 104.8 | 107.9 |
| 100 | 182.1 | 182.8 | 13.48 | 114.7 | 128.5 |
| 105 | 199.1 | 197.2 | 23.94 | 128.3 | 149.9 |
| 110 | 223.8 | 211.6 | 36.14 | 146.1 | 179.0 |
| 115 | 254.3 | 222.0 | 49.36 | 168.3 | 209.0 |
| 120 | 284.7 | 224.2 | 63.02 | 188.5 | 233.8 |
| 125 | 310.8 | 219.8 | 76.80 | 205.3 | 253.3 |
| 130 | 324.8 | 212.4 | 90.29 | 217.6 | 266.3 |
| 135 | 324.6 | 205.6 | 103.3 | 225.4 | 272.0 |
| 140 | 313.6 | 199.0 | 115.4 | 228.0 | 274.0 |
| 145 | 295.4 | 192.9 | 126.4 | 227.3 | 273.2 |
| 150 | 273.4 | 187.9 | 136.2 | 222.4 | 265.7 |
| 155 | 249.5 | 184.7 | 144.6 | 213.8 | 253.7 |
| 160 | 225.7 | 184.0 | 151.8 | 200.3 | 238.8 |
| 165 | 203.5 | 183.3 | 157.4 | 182.9 | 224.4 |
| 170 | 177.5 | 177.7 | 161.5 | 162.9 | 185.8 |
| 175 | 166.2 | 166.5 | 164.0 | 166.3 | 170.0 |
| 180 | 168.9 | 169.0 | 169.2 | 169.1 | 168.9 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

Zonal Lumens

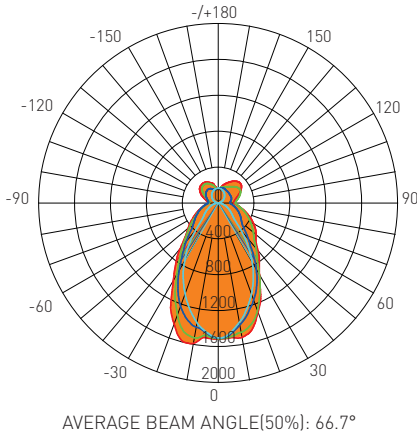
| τ | φ total |
|---------|----------|
| 0-5 | 20.78 |
| 5-10 | 83.42 |
| 10-15 | 190.3 |
| 15-20 | 340.9 |
| 20-25 | 532.1 |
| 25-30 | 758.4 |
| 30-35 | 1013 |
| 35-40 | 1287 |
| 40-45 | 1571 |
| 45-50 | 1858 |
| 50-55 | 2137 |
| 55-60 | 2401 |
| 60-65 | 2640 |
| 65-70 | 2850 |
| 70-75 | 3023 |
| 75-80 | 3158 |
| 80-85 | 3257 |
| 85-90 | 3327 |
| 90-95 | 3388 |
| 95-100 | 3451 |
| 100-105 | 3521 |
| 105-110 | 3596 |
| 110-115 | 3678 |
| 115-120 | 3765 |
| 120-125 | 3855 |
| 125-130 | 3943 |
| 130-135 | 4027 |
| 135-140 | 4105 |
| 140-145 | 4175 |
| 145-150 | 4236 |
| 150-155 | 4286 |
| 155-160 | 4327 |
| 160-165 | 4357 |
| 165-170 | 4378 |
| 170-175 | 4390 |
| 175-180 | 4394 |
| | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 86497 | 15613 |
| 80 | 58068 | 19331 |
| 75 | 50541 | 22293 |
| 70 | 47672 | 24378 |
| 65 | 46174 | 25939 |
| 60 | 45159 | 26904 |
| 55 | 44327 | 27588 |
| 50 | 43438 | 28128 |
| 45 | 42417 | 28549 |

DISTRIBUTION DIAGRAM

Louver-General Diffuse



Test Number: LV4-E30AL
 Lumens: 3816.5 Lm
 Watts: 45 W
 LPW: 84.81 Lm/W
 CCT: 3000K

UNIT: cd
 - C0/180,71.2°
 - C30/210,69.5°
 - C60/240,65.9°
 - C90/270,60.3°

Zonal Flux Diagram

| τ | C0 | C45 | C90 | C135 | C180 |
|-----|-----------------------|-------|--------|-------|-------|
| 5 | 1509 | 1488 | 1461 | 1477 | 1509 |
| 10 | 1520 | 1412 | 1352 | 1467 | 1586 |
| 15 | 1459 | 1344 | 1225 | 1412 | 1585 |
| 20 | 1299 | 1234 | 1085 | 1282 | 1439 |
| 25 | 1123 | 1068 | 930.5 | 1092 | 1257 |
| 30 | 922.4 | 891.8 | 758.8 | 901.7 | 1006 |
| 35 | 903.1 | 726.1 | 579.5 | 729.8 | 830.9 |
| 40 | 689.7 | 602.9 | 396.5 | 584.4 | 661.7 |
| 45 | 596.7 | 504.1 | 257.4 | 474.4 | 515.0 |
| 50 | 552.2 | 439.9 | 205.1 | 399.5 | 440.2 |
| 55 | 508.4 | 396.6 | 169.8 | 342.8 | 381.3 |
| 60 | 454.7 | 360.1 | 137.5 | 296.0 | 322.6 |
| 65 | 399.6 | 324.4 | 108.8 | 253.3 | 274.8 |
| 70 | 472.8 | 448.4 | 241.8 | 350.1 | 360.0 |
| 75 | 291.5 | 253.2 | 58.57 | 182.3 | 187.7 |
| 80 | 245.4 | 220.0 | 36.32 | 152.7 | 157.6 |
| 85 | 204.3 | 191.1 | 16.14 | 126.4 | 128.2 |
| 90 | 174.7 | 175.3 | 0.5349 | 109.2 | 102.1 |
| 95 | 177.7 | 180.9 | 5.046 | 107.7 | 109.1 |
| 100 | 189.1 | 192.4 | 13.12 | 118.1 | 127.2 |
| 105 | 207.8 | 206.1 | 23.50 | 131.6 | 146.4 |
| 110 | 232.6 | 219.2 | 35.45 | 149.2 | 174.1 |
| 115 | 263.2 | 227.3 | 48.49 | 171.6 | 204.4 |
| 120 | 293.4 | 228.2 | 61.90 | 192.3 | 231.1 |
| 125 | 319.3 | 223.1 | 75.49 | 209.1 | 253.8 |
| 130 | 331.6 | 214.6 | 88.93 | 221.6 | 270.3 |
| 135 | 330.6 | 207.1 | 101.9 | 229.1 | 272.0 |
| 140 | 318.6 | 200.2 | 114.0 | 231.4 | 280.8 |
| 145 | 299.3 | 194.2 | 125.1 | 230.1 | 280.0 |
| 150 | 276.6 | 188.8 | 135.0 | 224.7 | 271.6 |
| 155 | 252.5 | 185.5 | 143.7 | 216.5 | 256.7 |
| 160 | 229.5 | 184.8 | 151.1 | 203.9 | 241.7 |
| 165 | 207.4 | 183.5 | 156.9 | 185.3 | 226.4 |
| 170 | 178.5 | 177.6 | 161.1 | 164.1 | 188.1 |
| 175 | 168.6 | 166.1 | 163.7 | 167.6 | 172.4 |
| 180 | 167.8 | 167.8 | 167.8 | 167.8 | 167.8 |
| DEG | LUMINOUS INTENSITY:cd | | | | |

Zonal Lumens

| τ | φ total |
|---------|----------|
| 0-5 | 35.67 |
| 5-10 | 140.0 |
| 10-15 | 307.5 |
| 15-20 | 522.8 |
| 20-25 | 764.6 |
| 25-30 | 1010 |
| 30-35 | 1243 |
| 35-40 | 1455 |
| 40-45 | 1642 |
| 45-50 | 1812 |
| 50-55 | 1972 |
| 55-60 | 2122 |
| 60-65 | 2260 |
| 65-70 | 2384 |
| 70-75 | 2493 |
| 75-80 | 2588 |
| 80-85 | 2668 |
| 85-90 | 2736 |
| 90-95 | 2799 |
| 95-100 | 2864 |
| 100-105 | 2935 |
| 105-110 | 3012 |
| 110-115 | 3095 |
| 115-120 | 3183 |
| 120-125 | 3273 |
| 125-130 | 3362 |
| 130-135 | 3447 |
| 135-140 | 3526 |
| 140-145 | 3596 |
| 145-150 | 3657 |
| 150-155 | 3708 |
| 155-160 | 3749 |
| 160-165 | 3779 |
| 165-170 | 3800 |
| 170-175 | 3813 |
| 175-180 | 3816 |
| | UNIT: lm |

Luminance cd/(m2)

| G(DEG) | C0/180 | C90/270 |
|--------|--------|---------|
| 85 | 80825 | 6385 |
| 80 | 48735 | 7213 |
| 75 | 38833 | 7803 |
| 70 | 34648 | 8341 |
| 65 | 32607 | 8874 |
| 60 | 31361 | 9482 |
| 55 | 30563 | 10206 |
| 50 | 29624 | 11004 |
| 45 | 29100 | 12553 |