

Project Name:

Type:

Quantity:

FIXTURE SPECIFICATIONS

INTENDED USE

Get architectural, specification-grade LED wall wash tracklighting for interiors with a versatile, performance-driven downlight for the office, conference room, museum, shop, hotel and restaurant. Finished in silver, white or black.

PRODUCT FAMILY ACCESSORIES

- 13000-TC Track Channel
- 13000-LC Linear Connector
- 13000-OA Outlet Adapter
- 13000-SC Slope Ceiling Track Adapter
- 13000-TB T-Bar End Feed
- 13000-FC Floating Canopy Connector
- 13000-EC End Cap
- 13000-LC Live End with Canopy
- 13000-LE Live End
- 13000-L L-Connector
- 13000-T T-Connector
- 13000-X X-Connector
- 13000-MC Mini Connector
- 13000-CP Cord and Plug Connector
- 13000-PA Pendant Adapter
- 13000-CC Conduit Connector
- 13000-CK Conduit Continuation Kit



Length: 12"

Length: 12"

FEATURES

Construction: Heavy Duty, Die-Cast Aluminum Body and End Caps. Semi-Specular Aluminum Reflector Provides Maximum LED Output and Frosted Lens Produces an Even Broadcast of Light

Adjustability: 358° Horizontal (12" Yoke Mount Only) and 90° Vertical Rotation **Voltage:** 120V

Dimming: 3-Wire Electronic Low Voltage (100%-1%)

CRI: 80+

Life: 50,000 Hours

Warranty: 5 Years Carefree for Parts & Components (Labor Not Included)

Listings: cULus Listed, DLC Certified



Length: 24"



ORDERING INFORMATION Example: (13329-M-R-12-30K-WH-H-PL)

| Model | Canopy Shape ¹ | Length Wattage Lumens | Color Temp | Finish | Mounting | Lens |
|----------------------|---------------------------|--|--------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| 13329 Track Lighting | R Standard Round Canopy | 12 12" 33 watts 3000 lumens 24 24" 66 watts 4460 lumens | Residential 30K 3000K | WH White BK Black SL Silver | H H-Track J J-Track L L-Track | FR Frosted PL Parabolic Louver |
| 13329-M Monopoint | S Square Canopy | | Commercial 40K 4000K | | | |

¹ Choose shape only if selecting 13329-M

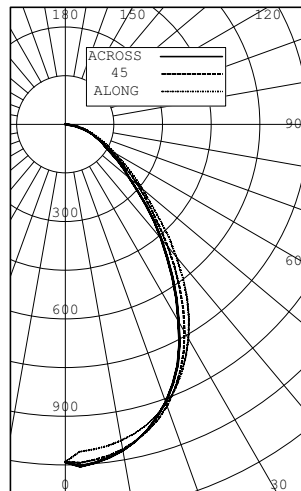
13329-12 (33 Watt - 3000K)

| | | | | | | |
|---------------------------|----------------------|------------------|---------------------------|-------------------|------------------|----------------|
| Input Watts: 32.5W | Lumens: 1968L | CRI: 82.7 | Efficacy: 61L/Watt | CCT: 3082K | PF: 0.957 | SC: 1.1 |
|---------------------------|----------------------|------------------|---------------------------|-------------------|------------------|----------------|

COEFFICIENTS OF UTILIZATION CONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE = 0.20

| CC | 90 | | | | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| WALL | | | | | | | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 1.22 | 1.22 | 1.22 | 1.22 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.14 | 1.10 | 1.07 | 1.03 | 1.12 | 1.08 | 1.05 | 1.02 | 1.09 | 1.06 | 1.03 | 1.00 | 1.01 | 0.99 | 0.97 | 0.98 | 0.96 | 0.94 | 0.94 | 0.93 | 0.91 | 0.89 |
| 2 | 1.06 | 1.00 | 0.95 | 0.89 | 1.04 | 0.98 | 0.93 | 0.88 | 1.02 | 0.96 | 0.91 | 0.87 | 0.93 | 0.89 | 0.85 | 0.90 | 0.87 | 0.84 | 0.87 | 0.84 | 0.82 | 0.80 |
| 3 | 0.99 | 0.90 | 0.84 | 0.78 | 0.97 | 0.89 | 0.83 | 0.78 | 0.95 | 0.87 | 0.82 | 0.77 | 0.85 | 0.80 | 0.76 | 0.82 | 0.78 | 0.75 | 0.80 | 0.76 | 0.73 | 0.72 |
| 4 | 0.93 | 0.83 | 0.75 | 0.70 | 0.91 | 0.82 | 0.75 | 0.69 | 0.89 | 0.80 | 0.74 | 0.69 | 0.78 | 0.73 | 0.68 | 0.76 | 0.71 | 0.67 | 0.74 | 0.70 | 0.67 | 0.65 |
| 5 | 0.87 | 0.76 | 0.68 | 0.62 | 0.85 | 0.75 | 0.67 | 0.62 | 0.83 | 0.74 | 0.67 | 0.62 | 0.72 | 0.66 | 0.61 | 0.70 | 0.65 | 0.61 | 0.68 | 0.64 | 0.60 | 0.58 |
| 6 | 0.81 | 0.69 | 0.62 | 0.56 | 0.79 | 0.68 | 0.61 | 0.56 | 0.78 | 0.68 | 0.61 | 0.56 | 0.66 | 0.60 | 0.55 | 0.64 | 0.59 | 0.55 | 0.63 | 0.58 | 0.54 | 0.53 |
| 7 | 0.75 | 0.63 | 0.56 | 0.51 | 0.74 | 0.63 | 0.55 | 0.50 | 0.73 | 0.62 | 0.55 | 0.50 | 0.60 | 0.54 | 0.50 | 0.59 | 0.53 | 0.49 | 0.58 | 0.53 | 0.49 | 0.47 |
| 8 | 0.71 | 0.58 | 0.51 | 0.46 | 0.69 | 0.58 | 0.50 | 0.45 | 0.68 | 0.57 | 0.50 | 0.45 | 0.56 | 0.49 | 0.45 | 0.55 | 0.49 | 0.45 | 0.54 | 0.48 | 0.44 | 0.43 |
| 9 | 0.66 | 0.54 | 0.46 | 0.41 | 0.65 | 0.53 | 0.46 | 0.41 | 0.64 | 0.53 | 0.46 | 0.41 | 0.51 | 0.45 | 0.41 | 0.50 | 0.45 | 0.40 | 0.49 | 0.44 | 0.40 | 0.39 |
| 10 | 0.62 | 0.50 | 0.42 | 0.37 | 0.61 | 0.49 | 0.42 | 0.37 | 0.60 | 0.49 | 0.42 | 0.37 | 0.48 | 0.41 | 0.37 | 0.47 | 0.41 | 0.37 | 0.46 | 0.41 | 0.37 | 0.35 |

INTENSITY (CANDLEPOWER) SUMMARY



| ANGLE | ALONG | 22.5 | 45 | 67.5 | ACROSS |
|-------|-------|------|------|------|--------|
| 0 | 1041 | 1041 | 1041 | 1041 | 1041 |
| 5 | 1007 | 1022 | 1039 | 1048 | 1048 |
| 10 | 990 | 1004 | 1017 | 1023 | 1022 |
| 15 | 961 | 972 | 980 | 979 | 976 |
| 20 | 915 | 922 | 921 | 912 | 908 |
| 25 | 847 | 850 | 839 | 825 | 819 |
| 30 | 760 | 753 | 735 | 711 | 698 |
| 35 | 654 | 638 | 615 | 583 | 576 |
| 40 | 532 | 515 | 492 | 467 | 459 |
| 45 | 408 | 401 | 378 | 363 | 350 |
| 50 | 310 | 312 | 294 | 265 | 259 |
| 55 | 238 | 229 | 216 | 204 | 200 |
| 60 | 176 | 174 | 163 | 153 | 146 |
| 65 | 135 | 131 | 124 | 116 | 116 |
| 70 | 98 | 97 | 94 | 88 | 88 |
| 75 | 70 | 70 | 65 | 60 | 59 |
| 80 | 42 | 41 | 36 | 30 | 29 |
| 85 | 13 | 13 | 9 | 7 | 6 |
| 90 | 0 | 0 | 0 | 0 | 0 |

LUMINACE SUMMARY CD./SQ.M.

| ANGLE | ALONG | 45 | ACROSS |
|-------|-------|--------|--------|
| 45 | 23241 | 21612 | 20026 |
| 55 | 16719 | 15243 | 14088 |
| 65 | 12855 | 11854 | 11083 |
| 75 | 10810 | 10060 | 9267 |
| 85 | 6213 | 3959.2 | 990 |

ZONAL LUMENS & PERCENTAGES

| ZONE | LUMENS | % LUMINAIRE |
|--------|--------|-------------|
| 0-30 | 754 | 41.17 |
| 0-40 | 1135 | 61.96 |
| 0-60 | 1626 | 88.76 |
| 0-90 | 1832 | 100.00 |
| 40-90 | 697 | 38.04 |
| 60-90 | 206 | 11.24 |
| 90-180 | 0 | 0.00 |
| 0-180 | 1832 | 100.00 |

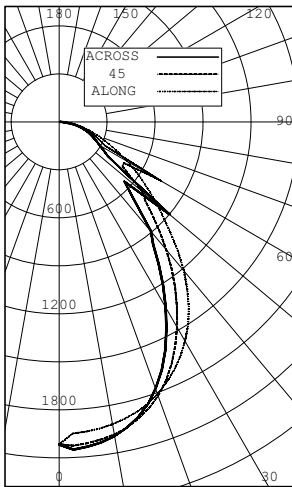
13329-24 (66 Watt - 3000K)

| | | | | | | |
|----------------------------|----------------------|------------------|-----------------------------|-------------------|------------------|----------------|
| Input Watts: 66.35W | Lumens: 3869L | CRI: 87.3 | Efficacy: 58.3L/Watt | CCT: 3163K | PF: 0.957 | SC: 1.2 |
|----------------------------|----------------------|------------------|-----------------------------|-------------------|------------------|----------------|

COEFFICIENTS OF UTILIZATION CONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE = 0.20

| CC | 90 | | | | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| WALL | | | | | | | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 1.22 | 1.22 | 1.22 | 1.22 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.13 | 1.09 | 1.05 | 1.02 | 1.11 | 1.07 | 1.03 | 1.00 | 1.08 | 1.05 | 1.01 | 0.98 | 1.00 | 0.98 | 0.95 | 0.97 | 0.95 | 0.93 | 0.93 | 0.91 | 0.90 | 0.88 |
| 2 | 1.05 | 0.98 | 0.92 | 0.87 | 1.03 | 0.96 | 0.91 | 0.86 | 1.01 | 0.94 | 0.89 | 0.85 | 0.91 | 0.87 | 0.83 | 0.88 | 0.84 | 0.81 | 0.85 | 0.82 | 0.80 | 0.78 |
| 3 | 0.98 | 0.88 | 0.81 | 0.75 | 0.95 | 0.87 | 0.80 | 0.75 | 0.93 | 0.85 | 0.79 | 0.74 | 0.83 | 0.77 | 0.73 | 0.80 | 0.76 | 0.72 | 0.78 | 0.74 | 0.71 | 0.69 |
| 4 | 0.91 | 0.80 | 0.72 | 0.67 | 0.89 | 0.79 | 0.72 | 0.66 | 0.87 | 0.78 | 0.71 | 0.66 | 0.76 | 0.70 | 0.65 | 0.73 | 0.68 | 0.64 | 0.71 | 0.67 | 0.63 | 0.61 |
| 5 | 0.85 | 0.73 | 0.65 | 0.59 | 0.83 | 0.72 | 0.64 | 0.59 | 0.81 | 0.71 | 0.64 | 0.58 | 0.69 | 0.63 | 0.58 | 0.67 | 0.61 | 0.57 | 0.65 | 0.61 | 0.57 | 0.55 |
| 6 | 0.79 | 0.67 | 0.59 | 0.53 | 0.77 | 0.66 | 0.58 | 0.53 | 0.75 | 0.65 | 0.57 | 0.52 | 0.63 | 0.57 | 0.52 | 0.61 | 0.56 | 0.51 | 0.60 | 0.55 | 0.51 | 0.49 |
| 7 | 0.73 | 0.60 | 0.52 | 0.47 | 0.72 | 0.60 | 0.52 | 0.47 | 0.70 | 0.59 | 0.52 | 0.46 | 0.57 | 0.51 | 0.46 | 0.56 | 0.50 | 0.46 | 0.55 | 0.50 | 0.45 | 0.44 |
| 8 | 0.68 | 0.56 | 0.48 | 0.42 | 0.67 | 0.55 | 0.47 | 0.42 | 0.66 | 0.54 | 0.47 | 0.42 | 0.53 | 0.46 | 0.42 | 0.52 | 0.46 | 0.41 | 0.51 | 0.45 | 0.41 | 0.39 |
| 9 | 0.64 | 0.51 | 0.43 | 0.38 | 0.63 | 0.51 | 0.43 | 0.38 | 0.61 | 0.50 | 0.43 | 0.38 | 0.49 | 0.42 | 0.38 | 0.48 | 0.42 | 0.37 | 0.47 | 0.41 | 0.37 | 0.35 |
| 10 | 0.60 | 0.47 | 0.39 | 0.34 | 0.58 | 0.46 | 0.39 | 0.34 | 0.57 | 0.46 | 0.39 | 0.34 | 0.45 | 0.38 | 0.34 | 0.44 | 0.38 | 0.34 | 0.43 | 0.38 | 0.34 | 0.32 |

INTENSITY (CANDLEPOWER) SUMMARY



| ANGLE | ALONG | 22.5 | 45 | 67.5 | ACROSS |
|-------|-------|------|------|------|--------|
| 0 | 2016 | 2016 | 2016 | 2016 | 2016 |
| 5 | 1944 | 1986 | 2017 | 2031 | 2039 |
| 10 | 1920 | 1960 | 1985 | 1991 | 1995 |
| 15 | 1878 | 1912 | 1921 | 1911 | 1910 |
| 20 | 1807 | 1833 | 1817 | 1781 | 1768 |
| 25 | 1707 | 1715 | 1666 | 1595 | 1571 |
| 30 | 1577 | 1559 | 1475 | 1373 | 1331 |
| 35 | 1413 | 1369 | 1263 | 1130 | 1085 |
| 40 | 1213 | 1173 | 1042 | 888 | 892 |
| 45 | 989 | 964 | 825 | 690 | 633 |
| 50 | 794 | 761 | 678 | 548 | 901 |
| 55 | 632 | 599 | 484 | 417 | 371 |
| 60 | 491 | 461 | 739 | 313 | 293 |
| 65 | 365 | 370 | 289 | 257 | 238 |
| 70 | 268 | 265 | 227 | 210 | 196 |
| 75 | 186 | 185 | 175 | 160 | 148 |
| 80 | 116 | 120 | 116 | 107 | 99 |
| 85 | 49 | 56 | 56 | 49 | 45 |
| 90 | 1 | 8 | 9 | 10 | 11 |

LUMINACE SUMMARY CD./SQ.M.

| ANGLE | ALONG | 45 | ACROSS |
|-------|-------|-------|--------|
| 45 | 31770 | 26583 | 20398 |
| 55 | 25037 | 19221 | 14761 |
| 65 | 19625 | 15568 | 12833 |
| 75 | 16356 | 15347 | 13014 |
| 85 | 12703 | 14499 | 11810 |

ZONAL LUMENS & PERCENTAGES

| ZONE | LUMENS | % LUMINAIRE |
|--------|--------|-------------|
| 0-30 | 1484 | 37.40 |
| 0-40 | 2264 | 57.04 |
| 0-60 | 3405 | 85.79 |
| 0-90 | 3969 | 100.00 |
| 40-90 | 1705 | 42.96 |
| 60-90 | 564 | 14.21 |
| 90-180 | 0 | 0.00 |
| 0-180 | 3969 | 100.00 |