

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P159018

Luminaire Tested: **VTS-E07-LED-E1-SLR-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P159018  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33715)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: VTS-E07-LED-E1-SLR-8030  
Description: VENTUS LED SITE LUMINAIRE  
(7) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (147) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

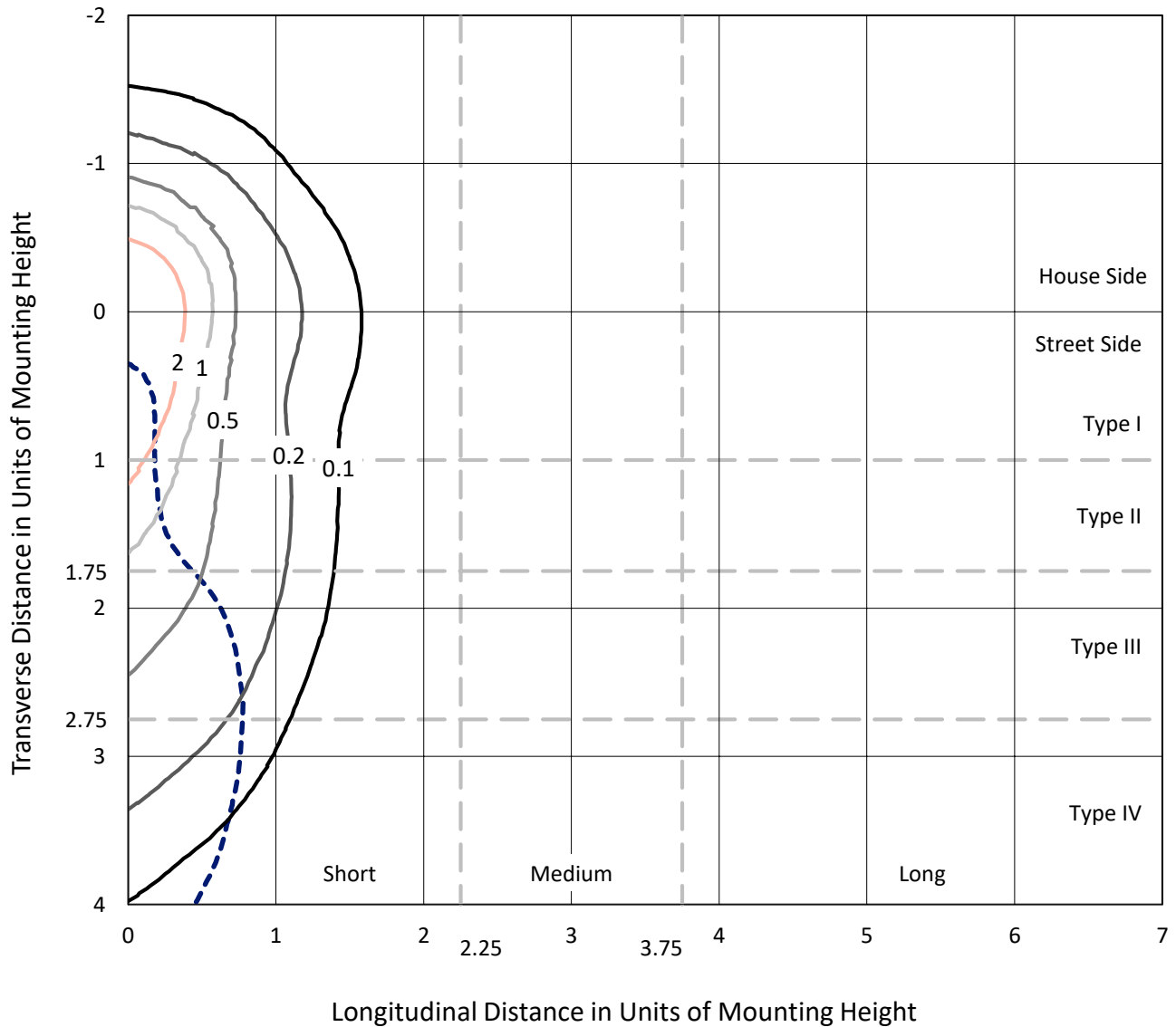
Lumens per Lamp: N/A  
Luminaire Lumens: 15876.3 lumens  
Efficiency: N/A  
Efficacy: 92.0 lumens/watt  
Luminous Opening: Rectangular (W 1.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 172.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

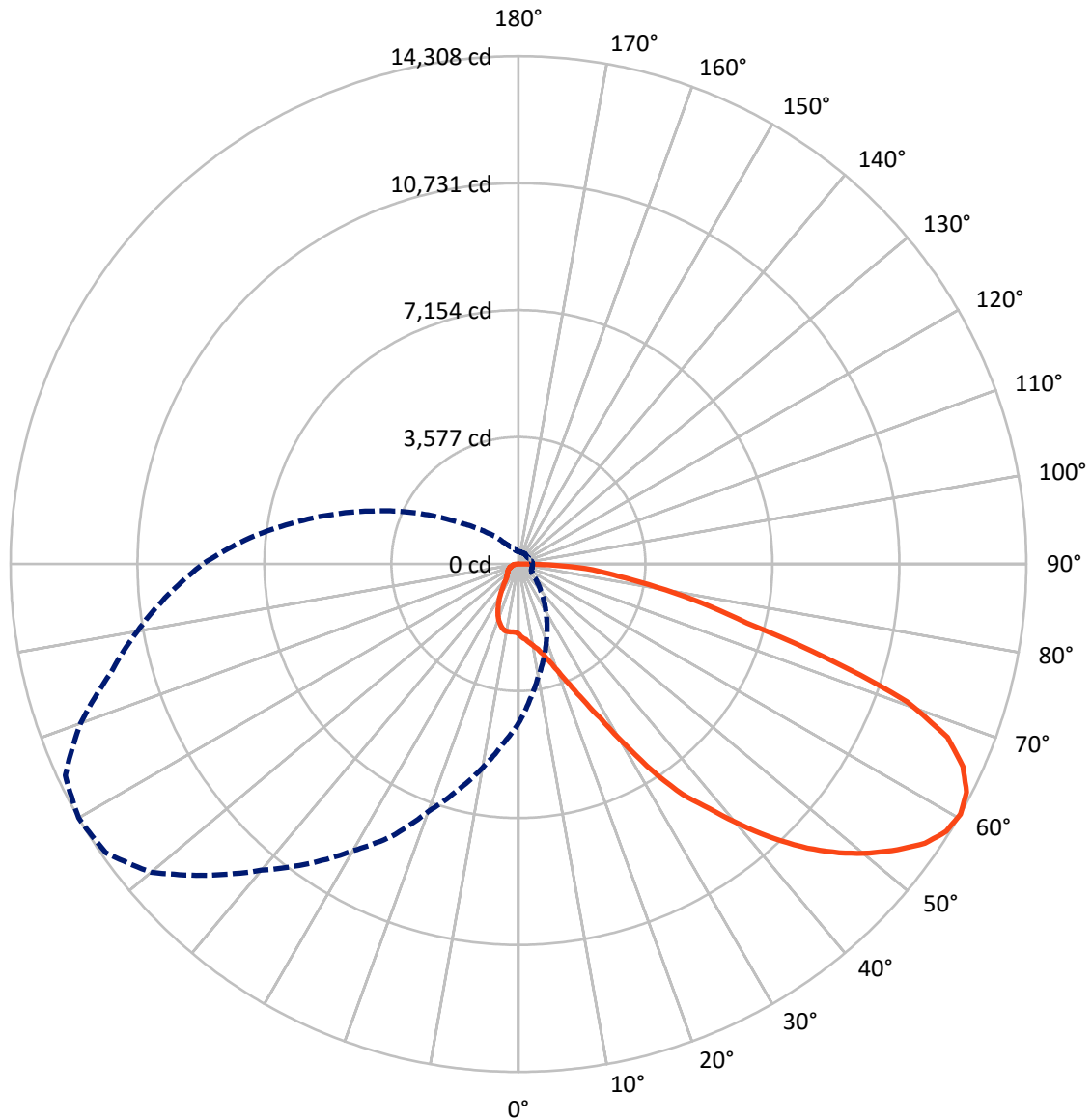
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.8 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3574.8   | 0.0    | 3574.8  |
|                    | % Fixture | 22.5     | 0.0    | 22.5    |
| <b>Street Side</b> | Lumens    | 12301.4  | 0.0    | 12301.4 |
|                    | % Fixture | 77.5     | 0.0    | 77.5    |
| <b>Total</b>       | Lumens    | 15876.3  | 0.0    | 15876.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 194.8   | 1.2       |
| 10°-20°   | 628.9   | 4.0       |
| 20°-30°   | 1193.5  | 7.5       |
| 30°-40°   | 1879.5  | 11.8      |
| 40°-50°   | 2623.3  | 16.5      |
| 50°-60°   | 3244.5  | 20.4      |
| 60°-70°   | 3363.1  | 21.2      |
| 70°-80°   | 2116.2  | 13.3      |
| 80°-90°   | 632.6   | 4.0       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 15876.3 | 100.0     |
| 0°-180°   | 15876.3 | 100.0     |



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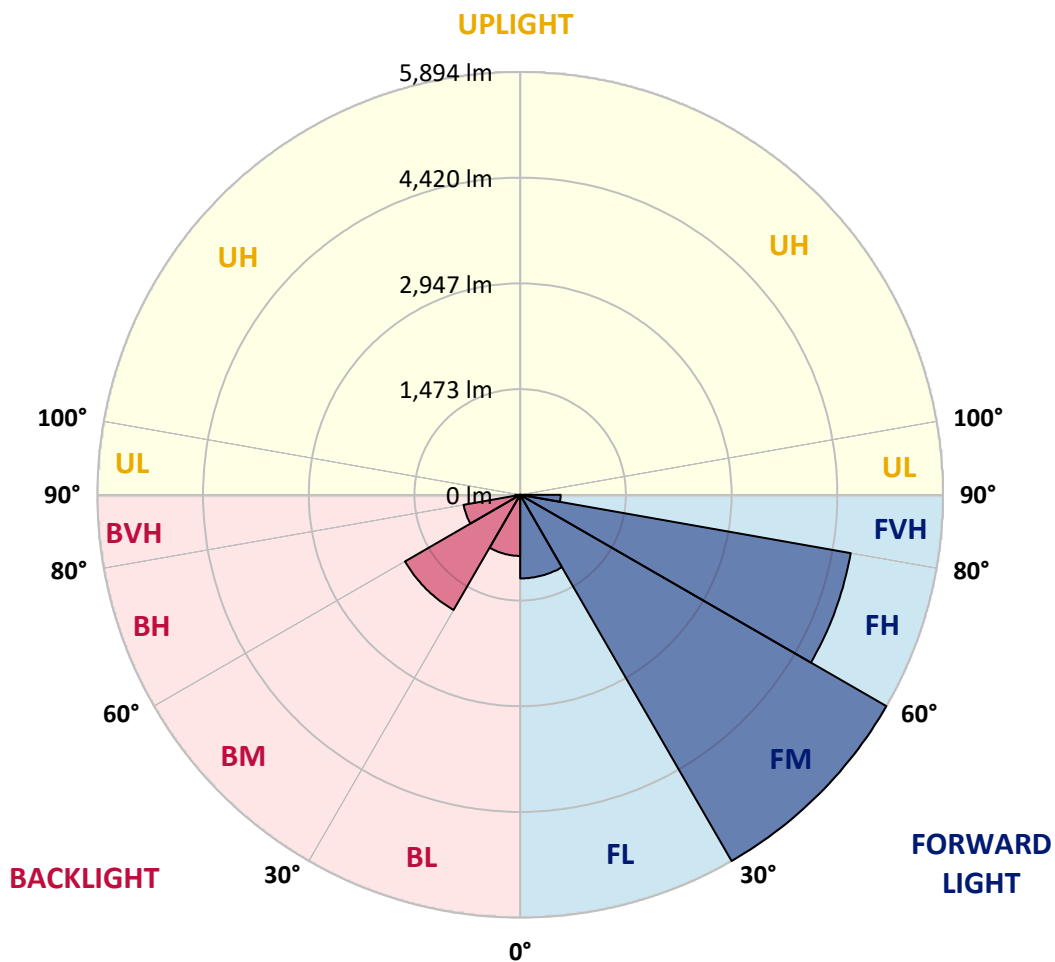
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1165.6 | 7.3       |                         |      |         |
| FM (30°-60°)   | 5893.5 | 37.1      |                         |      |         |
| FH (60°-80°)   | 4678.6 | 29.5      |                         |      | G2/5000 |
| FVH (80°-90°)  | 563.8  | 3.6       |                         |      | G4/750  |
| BL (0°-30°)    | 851.7  | 5.4       | B2/1000                 |      |         |
| BM (30°-60°)   | 1853.8 | 11.7      | B2/2500                 |      |         |
| BH (60°-80°)   | 800.6  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 68.8   | 0.4       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5°  | 2091.4 | 1966.2 | 1968.5 | 1965.0 | 1965.0 | 1962.6 | 1965.0 | 1962.6 | 1960.3 | 1960.3 | 1961.4 |
| 5°    | 2118.6 | 1980.3 | 1980.3 | 1976.8 | 1974.4 | 1972.1 | 1974.4 | 1972.1 | 1970.9 | 1968.5 | 1969.7 |
| 7.5°  | 2144.6 | 1988.6 | 1983.9 | 1979.2 | 1973.3 | 1975.6 | 1975.6 | 1974.4 | 1975.6 | 1974.4 | 1976.8 |
| 10°   | 2187.1 | 2015.8 | 2004.0 | 1993.3 | 1992.2 | 1989.8 | 1989.8 | 1986.2 | 1986.2 | 1983.9 | 1985.1 |
| 12.5° | 2295.8 | 2099.7 | 2086.7 | 2067.8 | 2064.2 | 2053.6 | 2047.7 | 2040.6 | 2028.8 | 2018.2 | 2009.9 |
| 15°   | 2479.0 | 2239.1 | 2214.3 | 2197.8 | 2190.7 | 2169.4 | 2136.3 | 2110.3 | 2076.0 | 2046.5 | 2015.8 |
| 17.5° | 2703.5 | 2425.8 | 2396.3 | 2375.0 | 2339.5 | 2281.6 | 2226.1 | 2162.3 | 2096.1 | 2035.9 | 1980.3 |
| 20°   | 3017.8 | 2694.0 | 2636.1 | 2585.3 | 2496.7 | 2397.4 | 2293.5 | 2182.4 | 2080.8 | 1986.2 | 1904.7 |
| 22.5° | 3443.1 | 3040.2 | 2932.7 | 2796.8 | 2632.6 | 2464.8 | 2299.4 | 2145.8 | 2009.9 | 1887.0 | 1778.3 |
| 25°   | 3932.3 | 3371.1 | 3177.3 | 2943.3 | 2691.7 | 2460.1 | 2242.7 | 2045.3 | 1887.0 | 1728.7 | 1610.5 |
| 27.5° | 4292.7 | 3647.6 | 3361.6 | 3054.4 | 2733.0 | 2437.6 | 2170.6 | 1931.9 | 1740.5 | 1578.6 | 1435.6 |
| 30°   | 4498.3 | 3805.9 | 3462.1 | 3101.7 | 2740.1 | 2399.8 | 2079.6 | 1803.1 | 1582.1 | 1389.5 | 1252.5 |
| 32.5° | 4630.6 | 3891.0 | 3472.7 | 3054.4 | 2655.0 | 2287.6 | 1941.3 | 1654.2 | 1414.4 | 1208.8 | 1063.4 |
| 35°   | 4741.7 | 3925.2 | 3423.1 | 2949.2 | 2494.3 | 2117.4 | 1764.1 | 1477.0 | 1222.9 | 1033.9 | 885.0  |
| 37.5° | 4786.6 | 3919.3 | 3343.9 | 2808.6 | 2337.2 | 1931.9 | 1583.3 | 1289.1 | 1062.2 | 895.6  | 768.0  |
| 40°   | 4778.3 | 3865.0 | 3236.4 | 2658.6 | 2152.9 | 1738.1 | 1391.9 | 1133.1 | 948.8  | 808.2  | 714.9  |
| 42.5° | 4722.8 | 3792.9 | 3117.0 | 2506.1 | 1983.9 | 1577.4 | 1261.9 | 1032.7 | 883.8  | 777.5  | 696.0  |
| 45°   | 4653.1 | 3706.6 | 3008.3 | 2366.7 | 1850.4 | 1462.8 | 1186.3 | 1004.3 | 875.6  | 773.9  | 686.5  |
| 47.5° | 4558.6 | 3610.9 | 2898.4 | 2267.5 | 1779.5 | 1428.5 | 1185.1 | 1020.9 | 882.6  | 765.7  | 670.0  |
| 50°   | 4455.8 | 3541.2 | 2838.2 | 2224.9 | 1771.2 | 1449.8 | 1226.5 | 1046.9 | 887.4  | 757.4  | 647.5  |
| 52.5° | 4383.7 | 3510.5 | 2837.0 | 2240.3 | 1814.9 | 1508.9 | 1274.9 | 1080.0 | 905.1  | 762.1  | 642.8  |
| 55°   | 4295.1 | 3505.8 | 2867.7 | 2306.5 | 1910.6 | 1609.3 | 1351.7 | 1136.7 | 941.7  | 779.8  | 646.3  |
| 57.5° | 4301.0 | 3599.1 | 2987.1 | 2469.5 | 2083.1 | 1745.2 | 1449.8 | 1206.4 | 977.2  | 790.5  | 640.4  |
| 60°   | 4487.7 | 3816.5 | 3222.2 | 2748.4 | 2308.8 | 1904.7 | 1550.2 | 1244.2 | 974.8  | 766.9  | 612.1  |
| 62.5° | 4872.9 | 4142.6 | 3574.3 | 3075.7 | 2538.0 | 2027.6 | 1586.9 | 1233.6 | 939.4  | 716.0  | 566.0  |
| 65°   | 5332.5 | 4524.3 | 3917.0 | 3329.7 | 2677.5 | 2056.0 | 1555.0 | 1174.5 | 868.5  | 649.9  | 510.4  |
| 67.5° | 5792.1 | 4794.9 | 4114.3 | 3401.8 | 2620.8 | 1941.3 | 1436.8 | 1042.2 | 747.9  | 560.1  | 447.8  |
| 70°   | 5957.6 | 4850.4 | 4098.9 | 3239.9 | 2363.2 | 1656.6 | 1182.8 | 838.9  | 600.2  | 458.5  | 376.9  |
| 72.5° | 5709.4 | 4503.0 | 3644.0 | 2753.1 | 1921.3 | 1284.4 | 867.3  | 619.2  | 458.5  | 359.2  | 307.2  |
| 75°   | 4789.0 | 3626.3 | 2880.7 | 2073.7 | 1387.2 | 908.6  | 626.2  | 451.4  | 345.0  | 284.8  | 245.8  |
| 77.5° | 3413.6 | 2525.1 | 1962.6 | 1362.4 | 900.4  | 629.8  | 449.0  | 339.1  | 274.1  | 228.0  | 199.7  |
| 80°   | 2144.6 | 1550.2 | 1195.8 | 817.7  | 561.3  | 427.7  | 322.6  | 268.2  | 221.0  | 185.5  | 166.6  |
| 82.5° | 1291.5 | 902.7  | 704.2  | 508.1  | 368.7  | 293.0  | 237.5  | 210.3  | 176.1  | 153.6  | 143.0  |
| 85°   | 876.7  | 664.1  | 462.0  | 300.1  | 222.1  | 172.5  | 161.9  | 145.3  | 131.2  | 109.9  | 106.3  |
| 87.5° | 167.8  | 237.5  | 206.8  | 122.9  | 81.5   | 69.7   | 61.4   | 59.1   | 53.2   | 42.5   | 48.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5°  | 1954.3 | 1952.0 | 1947.3 | 1947.3 | 1943.7 | 1936.6 | 1935.4 | 1930.7 | 1924.8 | 1926.0 | 1924.8 |
| 5°    | 1961.4 | 1956.7 | 1950.8 | 1948.4 | 1943.7 | 1936.6 | 1933.1 | 1927.2 | 1921.3 | 1921.3 | 1921.3 |
| 7.5°  | 1969.7 | 1963.8 | 1959.1 | 1950.8 | 1941.3 | 1934.3 | 1924.8 | 1917.7 | 1914.2 | 1913.0 | 1914.2 |
| 10°   | 1976.8 | 1973.3 | 1966.2 | 1954.3 | 1941.3 | 1927.2 | 1917.7 | 1908.3 | 1898.8 | 1900.0 | 1901.2 |
| 12.5° | 1992.2 | 1980.3 | 1961.4 | 1943.7 | 1923.6 | 1905.9 | 1889.4 | 1877.5 | 1865.7 | 1865.7 | 1866.9 |
| 15°   | 1981.5 | 1947.3 | 1921.3 | 1887.0 | 1864.5 | 1836.2 | 1817.3 | 1806.6 | 1799.6 | 1797.2 | 1798.4 |
| 17.5° | 1918.9 | 1877.5 | 1838.5 | 1807.8 | 1777.1 | 1754.7 | 1746.4 | 1739.3 | 1729.8 | 1734.6 | 1729.8 |
| 20°   | 1824.4 | 1773.6 | 1718.0 | 1681.4 | 1644.8 | 1629.4 | 1615.2 | 1608.1 | 1602.2 | 1623.5 | 1623.5 |
| 22.5° | 1688.5 | 1627.0 | 1570.3 | 1525.4 | 1484.1 | 1467.5 | 1453.4 | 1445.1 | 1448.6 | 1474.6 | 1477.0 |
| 25°   | 1517.2 | 1442.7 | 1368.3 | 1341.1 | 1299.7 | 1286.7 | 1278.5 | 1277.3 | 1280.8 | 1306.8 | 1312.7 |
| 27.5° | 1335.2 | 1257.2 | 1193.4 | 1130.8 | 1111.9 | 1101.2 | 1085.9 | 1103.6 | 1107.1 | 1135.5 | 1147.3 |
| 30°   | 1141.4 | 1057.5 | 990.2  | 948.8  | 908.6  | 914.5  | 901.6  | 922.8  | 932.3  | 961.8  | 971.3  |
| 32.5° | 942.9  | 863.7  | 796.4  | 755.0  | 726.7  | 730.2  | 720.8  | 739.7  | 749.1  | 784.6  | 802.3  |
| 35°   | 779.8  | 712.5  | 658.1  | 622.7  | 609.7  | 596.7  | 594.3  | 596.7  | 606.2  | 633.3  | 665.2  |
| 37.5° | 686.5  | 631.0  | 592.0  | 566.0  | 548.3  | 540.0  | 535.3  | 535.3  | 535.3  | 541.2  | 556.5  |
| 40°   | 646.3  | 596.7  | 562.4  | 537.6  | 525.8  | 521.1  | 517.5  | 514.0  | 508.1  | 505.7  | 506.9  |
| 42.5° | 628.6  | 571.9  | 535.3  | 516.4  | 509.3  | 509.3  | 509.3  | 506.9  | 501.0  | 495.1  | 489.2  |
| 45°   | 610.9  | 549.4  | 512.8  | 499.8  | 496.3  | 497.4  | 497.4  | 497.4  | 492.7  | 485.6  | 475.0  |
| 47.5° | 588.4  | 524.6  | 488.0  | 479.7  | 479.7  | 483.3  | 484.5  | 484.5  | 479.7  | 472.6  | 464.4  |
| 50°   | 561.3  | 492.7  | 459.6  | 452.5  | 449.0  | 449.0  | 449.0  | 449.0  | 445.5  | 440.7  | 434.8  |
| 52.5° | 547.1  | 475.0  | 440.7  | 433.6  | 433.6  | 430.1  | 428.9  | 425.4  | 421.8  | 418.3  | 410.0  |
| 55°   | 542.3  | 467.9  | 432.5  | 426.6  | 426.6  | 423.0  | 419.5  | 415.9  | 410.0  | 404.1  | 395.8  |
| 57.5° | 529.4  | 452.5  | 421.8  | 417.1  | 417.1  | 414.7  | 411.2  | 407.6  | 401.7  | 393.5  | 382.8  |
| 60°   | 499.8  | 426.6  | 400.6  | 399.4  | 399.4  | 398.2  | 395.8  | 395.8  | 389.9  | 381.7  | 368.7  |
| 62.5° | 462.0  | 399.4  | 374.6  | 374.6  | 373.4  | 372.2  | 367.5  | 366.3  | 359.2  | 348.6  | 336.8  |
| 65°   | 425.4  | 375.7  | 359.2  | 354.5  | 352.1  | 348.6  | 346.2  | 340.3  | 334.4  | 324.9  | 313.1  |
| 67.5° | 379.3  | 340.3  | 329.7  | 324.9  | 320.2  | 316.7  | 313.1  | 309.6  | 302.5  | 295.4  | 285.9  |
| 70°   | 329.7  | 301.3  | 295.4  | 294.2  | 288.3  | 284.8  | 283.6  | 280.0  | 272.9  | 265.9  | 254.0  |
| 72.5° | 282.4  | 265.9  | 261.1  | 261.1  | 254.0  | 249.3  | 247.0  | 245.8  | 241.0  | 235.1  | 224.5  |
| 75°   | 228.0  | 216.2  | 215.0  | 221.0  | 221.0  | 217.4  | 215.0  | 217.4  | 210.3  | 206.8  | 196.1  |
| 77.5° | 186.7  | 180.8  | 177.2  | 179.6  | 186.7  | 183.1  | 178.4  | 178.4  | 178.4  | 172.5  | 169.0  |
| 80°   | 158.3  | 153.6  | 150.1  | 152.4  | 151.2  | 150.1  | 147.7  | 143.0  | 143.0  | 143.0  | 141.8  |
| 82.5° | 143.0  | 141.8  | 128.8  | 128.8  | 124.1  | 120.5  | 118.2  | 115.8  | 113.4  | 113.4  | 119.3  |
| 85°   | 107.5  | 111.1  | 104.0  | 102.8  | 96.9   | 92.2   | 87.4   | 85.1   | 82.7   | 86.3   | 98.1   |
| 87.5° | 52.0   | 52.0   | 49.6   | 55.5   | 50.8   | 48.4   | 44.9   | 42.5   | 44.9   | 55.5   | 66.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5°  | 1922.4 | 1921.3 | 1920.1 | 1917.7 | 1913.0 | 1911.8 | 1909.4 | 1909.4 | 1908.3 | 1905.9 | 1908.3 |
| 5°    | 1918.9 | 1921.3 | 1921.3 | 1920.1 | 1916.5 | 1918.9 | 1918.9 | 1922.4 | 1922.4 | 1924.8 | 1930.7 |
| 7.5°  | 1914.2 | 1920.1 | 1924.8 | 1928.4 | 1933.1 | 1936.6 | 1943.7 | 1954.3 | 1959.1 | 1967.3 | 1970.9 |
| 10°   | 1904.7 | 1915.4 | 1923.6 | 1934.3 | 1946.1 | 1959.1 | 1969.7 | 1986.2 | 1992.2 | 2004.0 | 2009.9 |
| 12.5° | 1877.5 | 1895.3 | 1909.4 | 1930.7 | 1950.8 | 1970.9 | 1989.8 | 2011.1 | 2021.7 | 2034.7 | 2043.0 |
| 15°   | 1811.4 | 1831.5 | 1851.5 | 1870.5 | 1905.9 | 1944.9 | 1975.6 | 2004.0 | 2019.3 | 2035.9 | 2044.1 |
| 17.5° | 1732.2 | 1745.2 | 1761.7 | 1786.6 | 1820.8 | 1855.1 | 1904.7 | 1944.9 | 1968.5 | 1987.4 | 1989.8 |
| 20°   | 1640.0 | 1658.9 | 1670.8 | 1680.2 | 1707.4 | 1731.0 | 1784.2 | 1830.3 | 1861.0 | 1883.5 | 1889.4 |
| 22.5° | 1499.4 | 1519.5 | 1539.6 | 1546.7 | 1568.0 | 1598.7 | 1628.2 | 1677.9 | 1721.6 | 1754.7 | 1774.7 |
| 25°   | 1338.7 | 1357.6 | 1384.8 | 1406.1 | 1410.8 | 1435.6 | 1465.2 | 1521.9 | 1566.8 | 1620.0 | 1643.6 |
| 27.5° | 1178.0 | 1194.6 | 1224.1 | 1235.9 | 1250.1 | 1274.9 | 1298.6 | 1345.8 | 1393.1 | 1454.5 | 1480.5 |
| 30°   | 990.2  | 1025.6 | 1059.9 | 1082.3 | 1094.1 | 1123.7 | 1140.2 | 1186.3 | 1230.0 | 1274.9 | 1312.7 |
| 32.5° | 829.5  | 861.4  | 900.4  | 928.7  | 942.9  | 965.4  | 991.4  | 1030.3 | 1064.6 | 1108.3 | 1152.0 |
| 35°   | 681.8  | 725.5  | 751.5  | 776.3  | 812.9  | 823.6  | 849.6  | 885.0  | 905.1  | 952.4  | 1002.0 |
| 37.5° | 577.8  | 603.8  | 629.8  | 654.6  | 685.3  | 699.5  | 724.3  | 753.9  | 777.5  | 805.8  | 850.7  |
| 40°   | 514.0  | 528.2  | 547.1  | 563.6  | 586.1  | 603.8  | 616.8  | 641.6  | 659.3  | 687.7  | 719.6  |
| 42.5° | 484.5  | 488.0  | 490.4  | 502.2  | 514.0  | 525.8  | 540.0  | 550.6  | 571.9  | 593.2  | 613.2  |
| 45°   | 467.9  | 460.8  | 457.3  | 458.5  | 463.2  | 470.3  | 482.1  | 493.9  | 508.1  | 521.1  | 532.9  |
| 47.5° | 453.7  | 444.3  | 433.6  | 427.7  | 428.9  | 431.3  | 440.7  | 450.2  | 457.3  | 467.9  | 472.6  |
| 50°   | 420.6  | 412.4  | 402.9  | 394.7  | 395.8  | 397.0  | 405.3  | 412.4  | 417.1  | 420.6  | 426.6  |
| 52.5° | 399.4  | 387.6  | 379.3  | 371.0  | 369.8  | 373.4  | 380.5  | 387.6  | 389.9  | 392.3  | 393.5  |
| 55°   | 384.0  | 372.2  | 361.6  | 353.3  | 349.7  | 358.0  | 360.4  | 369.8  | 373.4  | 373.4  | 374.6  |
| 57.5° | 372.2  | 358.0  | 347.4  | 339.1  | 333.2  | 339.1  | 345.0  | 355.7  | 356.8  | 354.5  | 354.5  |
| 60°   | 354.5  | 343.8  | 333.2  | 324.9  | 319.0  | 323.8  | 328.5  | 340.3  | 340.3  | 334.4  | 333.2  |
| 62.5° | 323.8  | 317.8  | 310.8  | 307.2  | 306.0  | 310.8  | 314.3  | 323.8  | 320.2  | 313.1  | 310.8  |
| 65°   | 301.3  | 296.6  | 289.5  | 287.1  | 285.9  | 293.0  | 294.2  | 300.1  | 295.4  | 291.9  | 290.7  |
| 67.5° | 274.1  | 270.6  | 267.0  | 265.9  | 262.3  | 262.3  | 264.7  | 268.2  | 265.9  | 265.9  | 267.0  |
| 70°   | 243.4  | 238.7  | 235.1  | 236.3  | 234.0  | 234.0  | 235.1  | 237.5  | 236.3  | 238.7  | 241.0  |
| 72.5° | 215.0  | 209.1  | 208.0  | 208.0  | 205.6  | 206.8  | 206.8  | 208.0  | 210.3  | 211.5  | 217.4  |
| 75°   | 187.9  | 182.0  | 182.0  | 180.8  | 180.8  | 180.8  | 182.0  | 184.3  | 186.7  | 187.9  | 190.2  |
| 77.5° | 163.1  | 159.5  | 160.7  | 159.5  | 159.5  | 159.5  | 159.5  | 163.1  | 164.2  | 165.4  | 169.0  |
| 80°   | 140.6  | 140.6  | 141.8  | 141.8  | 140.6  | 139.4  | 140.6  | 143.0  | 144.2  | 145.3  | 146.5  |
| 82.5° | 127.6  | 128.8  | 128.8  | 128.8  | 122.9  | 120.5  | 124.1  | 126.4  | 128.8  | 130.0  | 132.3  |
| 85°   | 109.9  | 105.2  | 109.9  | 108.7  | 100.4  | 99.3   | 99.3   | 100.4  | 102.8  | 100.4  | 100.4  |
| 87.5° | 70.9   | 63.8   | 67.4   | 67.4   | 59.1   | 48.4   | 61.4   | 66.2   | 59.1   | 62.6   | 62.6   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5°  | 1911.8 | 1909.4 | 1910.6 | 1910.6 | 1913.0 | 1909.4 | 1914.2 | 1918.9 | 1920.1 | 1920.1 | 1921.3 |
| 5°    | 1936.6 | 1934.3 | 1942.5 | 1939.0 | 1947.3 | 1946.1 | 1952.0 | 1956.7 | 1959.1 | 1959.1 | 1959.1 |
| 7.5°  | 1975.6 | 1983.9 | 1988.6 | 2001.6 | 2002.8 | 2009.9 | 2015.8 | 2021.7 | 2019.3 | 2020.5 | 2019.3 |
| 10°   | 2019.3 | 2030.0 | 2041.8 | 2054.8 | 2056.0 | 2064.2 | 2073.7 | 2079.6 | 2077.2 | 2076.0 | 2072.5 |
| 12.5° | 2057.1 | 2064.2 | 2078.4 | 2091.4 | 2098.5 | 2111.5 | 2120.9 | 2125.7 | 2125.7 | 2122.1 | 2118.6 |
| 15°   | 2054.8 | 2065.4 | 2080.8 | 2099.7 | 2112.7 | 2131.6 | 2148.1 | 2158.8 | 2159.9 | 2156.4 | 2155.2 |
| 17.5° | 2002.8 | 2018.2 | 2032.3 | 2058.3 | 2082.0 | 2108.0 | 2135.1 | 2150.5 | 2164.7 | 2172.9 | 2177.7 |
| 20°   | 1909.4 | 1928.4 | 1948.4 | 1982.7 | 2014.6 | 2048.9 | 2080.8 | 2103.2 | 2124.5 | 2149.3 | 2178.8 |
| 22.5° | 1799.6 | 1827.9 | 1856.3 | 1900.0 | 1939.0 | 1978.0 | 2014.6 | 2041.8 | 2074.9 | 2117.4 | 2172.9 |
| 25°   | 1670.8 | 1700.3 | 1735.8 | 1786.6 | 1836.2 | 1892.9 | 1947.3 | 2001.6 | 2065.4 | 2138.7 | 2224.9 |
| 27.5° | 1518.3 | 1551.4 | 1597.5 | 1658.9 | 1715.7 | 1773.6 | 1858.6 | 1944.9 | 2048.9 | 2143.4 | 2241.5 |
| 30°   | 1367.1 | 1409.6 | 1459.3 | 1520.7 | 1577.4 | 1660.1 | 1745.2 | 1851.5 | 1961.4 | 2067.8 | 2184.8 |
| 32.5° | 1204.0 | 1257.2 | 1318.7 | 1369.5 | 1433.3 | 1517.2 | 1602.2 | 1715.7 | 1832.6 | 1957.9 | 2086.7 |
| 35°   | 1046.9 | 1097.7 | 1146.1 | 1202.9 | 1266.7 | 1345.8 | 1428.5 | 1537.2 | 1684.9 | 1818.5 | 1972.1 |
| 37.5° | 887.4  | 934.6  | 968.9  | 1013.8 | 1069.3 | 1156.8 | 1245.4 | 1370.6 | 1510.1 | 1674.3 | 1827.9 |
| 40°   | 747.9  | 786.9  | 825.9  | 861.4  | 908.6  | 991.4  | 1085.9 | 1208.8 | 1345.8 | 1505.3 | 1676.7 |
| 42.5° | 636.9  | 666.4  | 709.0  | 751.5  | 791.7  | 862.6  | 951.2  | 1071.7 | 1207.6 | 1370.6 | 1542.0 |
| 45°   | 543.5  | 563.6  | 597.9  | 633.3  | 683.0  | 742.0  | 827.1  | 950.0  | 1088.2 | 1252.5 | 1433.3 |
| 47.5° | 476.2  | 485.6  | 509.3  | 545.9  | 592.0  | 649.9  | 723.1  | 834.2  | 968.9  | 1134.3 | 1324.6 |
| 50°   | 430.1  | 440.7  | 452.5  | 483.3  | 524.6  | 583.7  | 644.0  | 740.9  | 863.7  | 1025.6 | 1214.7 |
| 52.5° | 398.2  | 402.9  | 407.6  | 426.6  | 464.4  | 514.0  | 577.8  | 651.1  | 775.1  | 929.9  | 1100.1 |
| 55°   | 379.3  | 380.5  | 384.0  | 393.5  | 421.8  | 467.9  | 523.4  | 593.2  | 690.0  | 836.6  | 1010.3 |
| 57.5° | 356.8  | 359.2  | 362.7  | 368.7  | 386.4  | 427.7  | 475.0  | 531.7  | 612.1  | 734.9  | 901.6  |
| 60°   | 335.6  | 341.5  | 347.4  | 350.9  | 360.4  | 385.2  | 425.4  | 470.3  | 535.3  | 627.4  | 759.8  |
| 62.5° | 313.1  | 320.2  | 324.9  | 328.5  | 332.0  | 347.4  | 376.9  | 406.5  | 446.6  | 506.9  | 606.2  |
| 65°   | 293.0  | 297.8  | 301.3  | 303.7  | 306.0  | 310.8  | 323.8  | 335.6  | 347.4  | 384.0  | 456.1  |
| 67.5° | 270.6  | 272.9  | 274.1  | 275.3  | 274.1  | 274.1  | 275.3  | 280.0  | 284.8  | 298.9  | 333.2  |
| 70°   | 244.6  | 248.1  | 248.1  | 249.3  | 249.3  | 245.8  | 245.8  | 245.8  | 245.8  | 249.3  | 268.2  |
| 72.5° | 219.8  | 224.5  | 224.5  | 225.7  | 224.5  | 223.3  | 223.3  | 223.3  | 226.9  | 229.2  | 236.3  |
| 75°   | 196.1  | 200.9  | 199.7  | 200.9  | 202.1  | 202.1  | 204.4  | 205.6  | 209.1  | 210.3  | 215.0  |
| 77.5° | 172.5  | 176.1  | 177.2  | 176.1  | 178.4  | 180.8  | 185.5  | 187.9  | 189.1  | 190.2  | 191.4  |
| 80°   | 150.1  | 152.4  | 151.2  | 147.7  | 153.6  | 157.2  | 164.2  | 172.5  | 170.1  | 171.3  | 173.7  |
| 82.5° | 124.1  | 120.5  | 118.2  | 120.5  | 124.1  | 128.8  | 135.9  | 146.5  | 147.7  | 153.6  | 152.4  |
| 85°   | 95.7   | 85.1   | 83.9   | 89.8   | 88.6   | 94.5   | 106.3  | 114.6  | 121.7  | 127.6  | 121.7  |
| 87.5° | 56.7   | 50.8   | 42.5   | 40.2   | 43.7   | 57.9   | 60.3   | 73.3   | 79.2   | 81.5   | 73.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2.5°  | 2028.8 | 2034.7 | 2034.7 | 2037.1 | 2040.6 | 2041.8 | 2046.5 | 2054.8 | 2056.0 | 2056.0 | 2059.5 |
| 5°    | 2066.6 | 2072.5 | 2072.5 | 2077.2 | 2078.4 | 2084.3 | 2090.2 | 2099.7 | 2104.4 | 2103.2 | 2118.6 |
| 7.5°  | 2128.0 | 2123.3 | 2119.8 | 2126.9 | 2130.4 | 2137.5 | 2149.3 | 2157.6 | 2165.8 | 2178.8 | 2200.1 |
| 10°   | 2180.0 | 2172.9 | 2169.4 | 2174.1 | 2176.5 | 2184.8 | 2191.8 | 2203.7 | 2223.7 | 2243.8 | 2269.8 |
| 12.5° | 2222.6 | 2214.3 | 2204.8 | 2207.2 | 2210.7 | 2221.4 | 2233.2 | 2248.6 | 2278.1 | 2304.1 | 2343.1 |
| 15°   | 2258.0 | 2246.2 | 2236.7 | 2241.5 | 2249.7 | 2263.9 | 2284.0 | 2311.2 | 2359.6 | 2404.5 | 2456.5 |
| 17.5° | 2292.3 | 2289.9 | 2286.4 | 2301.7 | 2307.6 | 2340.7 | 2370.3 | 2419.9 | 2486.1 | 2553.4 | 2627.9 |
| 20°   | 2325.4 | 2351.4 | 2364.4 | 2395.1 | 2414.0 | 2458.9 | 2503.8 | 2564.0 | 2647.9 | 2740.1 | 2841.7 |
| 22.5° | 2371.4 | 2442.3 | 2486.1 | 2548.7 | 2580.6 | 2629.0 | 2695.2 | 2774.4 | 2867.7 | 2985.9 | 3115.8 |
| 25°   | 2481.3 | 2585.3 | 2672.8 | 2770.8 | 2851.2 | 2925.6 | 3004.8 | 3100.5 | 3235.2 | 3342.7 | 3512.9 |
| 27.5° | 2529.8 | 2676.3 | 2807.5 | 2945.7 | 3066.2 | 3180.8 | 3306.1 | 3421.9 | 3581.4 | 3726.7 | 3932.3 |
| 30°   | 2483.7 | 2649.1 | 2819.3 | 3000.1 | 3176.1 | 3349.8 | 3531.8 | 3709.0 | 3893.3 | 4096.6 | 4315.2 |
| 32.5° | 2398.6 | 2584.1 | 2775.5 | 2988.2 | 3206.8 | 3432.5 | 3668.8 | 3926.4 | 4186.4 | 4439.2 | 4662.5 |
| 35°   | 2312.4 | 2512.1 | 2724.7 | 2968.1 | 3225.7 | 3505.8 | 3798.8 | 4124.9 | 4468.8 | 4789.0 | 5080.8 |
| 37.5° | 2187.1 | 2406.9 | 2650.3 | 2931.5 | 3237.5 | 3582.6 | 3959.5 | 4361.2 | 4796.1 | 5236.8 | 5619.6 |
| 40°   | 2035.9 | 2268.6 | 2534.5 | 2858.3 | 3225.7 | 3661.7 | 4152.1 | 4667.3 | 5226.2 | 5763.8 | 6234.1 |
| 42.5° | 1897.6 | 2124.5 | 2408.1 | 2760.2 | 3195.0 | 3731.5 | 4335.2 | 4976.8 | 5638.5 | 6240.0 | 6854.4 |
| 45°   | 1775.9 | 2026.4 | 2311.2 | 2691.7 | 3179.7 | 3790.5 | 4471.1 | 5208.4 | 5965.8 | 6681.9 | 7407.4 |
| 47.5° | 1664.9 | 1924.8 | 2243.8 | 2653.8 | 3172.6 | 3826.0 | 4565.7 | 5359.7 | 6198.6 | 7021.0 | 7863.5 |
| 50°   | 1550.2 | 1803.1 | 2144.6 | 2612.5 | 3154.8 | 3824.8 | 4615.3 | 5462.5 | 6361.7 | 7284.5 | 8177.8 |
| 52.5° | 1427.4 | 1681.4 | 2024.1 | 2536.9 | 3117.0 | 3803.5 | 4628.3 | 5532.2 | 6490.5 | 7446.4 | 8444.8 |
| 55°   | 1315.1 | 1552.6 | 1895.3 | 2410.4 | 3037.9 | 3751.5 | 4598.7 | 5561.7 | 6581.4 | 7607.1 | 8632.7 |
| 57.5° | 1186.3 | 1433.3 | 1759.4 | 2236.7 | 2889.0 | 3659.4 | 4514.8 | 5520.4 | 6607.4 | 7714.6 | 8781.6 |
| 60°   | 1009.1 | 1251.3 | 1586.9 | 2031.1 | 2656.2 | 3464.4 | 4358.9 | 5395.1 | 6524.7 | 7733.5 | 8887.9 |
| 62.5° | 805.8  | 1015.0 | 1338.7 | 1747.6 | 2328.9 | 3158.4 | 4070.6 | 5113.9 | 6267.1 | 7556.3 | 8833.5 |
| 65°   | 599.1  | 738.5  | 1017.3 | 1376.5 | 1949.6 | 2697.6 | 3606.2 | 4642.5 | 5763.8 | 7063.5 | 8492.1 |
| 67.5° | 417.1  | 517.5  | 688.9  | 955.9  | 1417.9 | 2083.1 | 2943.3 | 3906.3 | 4985.1 | 6151.3 | 7783.1 |
| 70°   | 315.5  | 361.6  | 454.9  | 603.8  | 918.1  | 1419.1 | 2139.9 | 2997.7 | 3998.5 | 5122.2 | 6659.4 |
| 72.5° | 269.4  | 293.0  | 345.0  | 413.6  | 562.4  | 862.6  | 1343.5 | 2063.1 | 2950.4 | 3865.0 | 5109.2 |
| 75°   | 242.2  | 262.3  | 295.4  | 339.1  | 398.2  | 523.4  | 788.1  | 1305.7 | 1954.3 | 2588.9 | 3564.8 |
| 77.5° | 219.8  | 237.5  | 267.0  | 289.5  | 321.4  | 376.9  | 502.2  | 781.0  | 1171.0 | 1599.9 | 2211.9 |
| 80°   | 196.1  | 206.8  | 234.0  | 256.4  | 281.2  | 313.1  | 360.4  | 490.4  | 672.3  | 947.6  | 1304.5 |
| 82.5° | 167.8  | 176.1  | 196.1  | 226.9  | 245.8  | 258.8  | 272.9  | 324.9  | 402.9  | 514.0  | 724.3  |
| 85°   | 130.0  | 135.9  | 153.6  | 176.1  | 184.3  | 185.5  | 187.9  | 202.1  | 250.5  | 385.2  | 623.9  |
| 87.5° | 66.2   | 73.3   | 92.2   | 99.3   | 83.9   | 91.0   | 92.2   | 98.1   | 130.0  | 211.5  | 215.0  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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REPORT N  
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**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |       |
|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 0°    | 1974.4 | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 1974.4  | 0°    |
| 2.5°  | 2059.5 | 2063.1  | 2071.3  | 2070.1  | 2076.0  | 2076.0  | 2076.0  | 2082.0  | 2078.4  | 2082.0  | 2087.9  | 2.5°  |
| 5°    | 2118.6 | 2124.5  | 2136.3  | 2136.3  | 2137.5  | 2133.9  | 2141.0  | 2145.8  | 2139.9  | 2137.5  | 2138.7  | 5°    |
| 7.5°  | 2204.8 | 2214.3  | 2223.7  | 2233.2  | 2240.3  | 2236.7  | 2237.9  | 2227.3  | 2224.9  | 2216.7  | 2206.0  | 7.5°  |
| 10°   | 2288.7 | 2314.7  | 2332.5  | 2349.0  | 2350.2  | 2346.6  | 2347.8  | 2330.1  | 2326.5  | 2310.0  | 2299.4  | 10°   |
| 12.5° | 2375.0 | 2408.1  | 2436.4  | 2454.2  | 2464.8  | 2467.2  | 2468.3  | 2468.3  | 2451.8  | 2437.6  | 2412.8  | 12.5° |
| 15°   | 2502.6 | 2560.5  | 2604.2  | 2623.1  | 2638.5  | 2652.7  | 2656.2  | 2660.9  | 2647.9  | 2629.0  | 2625.5  | 15°   |
| 17.5° | 2704.7 | 2759.0  | 2816.9  | 2867.7  | 2902.0  | 2904.3  | 2933.9  | 2931.5  | 2958.7  | 2937.4  | 2931.5  | 17.5° |
| 20°   | 2944.5 | 3062.7  | 3122.9  | 3190.3  | 3229.3  | 3248.2  | 3316.7  | 3295.4  | 3315.5  | 3349.8  | 3315.5  | 20°   |
| 22.5° | 3244.6 | 3394.7  | 3482.1  | 3574.3  | 3638.1  | 3684.2  | 3733.8  | 3772.8  | 3827.2  | 3853.2  | 3829.5  | 22.5° |
| 25°   | 3642.8 | 3814.2  | 3918.1  | 4045.8  | 4147.4  | 4230.1  | 4316.3  | 4420.3  | 4419.1  | 4481.8  | 4525.5  | 25°   |
| 27.5° | 4100.1 | 4318.7  | 4469.9  | 4694.4  | 4781.9  | 4921.3  | 5069.0  | 5229.7  | 5258.1  | 5339.6  | 5380.9  | 27.5° |
| 30°   | 4530.2 | 4800.8  | 5100.9  | 5368.0  | 5670.4  | 5877.2  | 6048.5  | 6162.0  | 6333.3  | 6290.8  | 6267.1  | 30°   |
| 32.5° | 4927.2 | 5287.6  | 5715.3  | 6153.7  | 6633.4  | 6960.7  | 7263.2  | 7403.8  | 7510.2  | 7284.5  | 6985.5  | 32.5° |
| 35°   | 5442.4 | 5873.7  | 6362.8  | 6904.0  | 7513.7  | 7978.1  | 8290.0  | 8333.7  | 8273.5  | 7984.0  | 7488.9  | 35°   |
| 37.5° | 6080.4 | 6533.0  | 7089.5  | 7661.4  | 8308.9  | 8744.9  | 9100.6  | 9164.4  | 9004.9  | 8488.5  | 7968.6  | 37.5° |
| 40°   | 6710.2 | 7240.8  | 7844.6  | 8521.6  | 9192.7  | 9672.5  | 10029.3 | 10048.2 | 9788.3  | 9184.5  | 8576.0  | 40°   |
| 42.5° | 7399.1 | 7979.3  | 8651.6  | 9401.9  | 10095.5 | 10581.1 | 10838.7 | 10920.2 | 10552.8 | 9778.8  | 9195.1  | 42.5° |
| 45°   | 7993.4 | 8687.0  | 9436.2  | 10233.7 | 10959.2 | 11420.0 | 11682.4 | 11656.4 | 11212.1 | 10447.6 | 9763.5  | 45°   |
| 47.5° | 8572.4 | 9335.7  | 10125.0 | 10972.2 | 11693.0 | 12158.5 | 12427.9 | 12404.3 | 11840.7 | 10960.4 | 10207.7 | 47.5° |
| 50°   | 9087.6 | 9915.9  | 10759.5 | 11664.6 | 12383.0 | 12809.6 | 13139.3 | 13035.3 | 12322.8 | 11372.8 | 10493.7 | 50°   |
| 52.5° | 9445.6 | 10369.6 | 11251.1 | 12229.4 | 12969.1 | 13373.2 | 13792.7 | 13458.3 | 12607.5 | 11625.6 | 10647.3 | 52.5° |
| 55°   | 9672.5 | 10681.5 | 11600.8 | 12683.2 | 13409.8 | 13893.1 | 14163.7 | 13688.7 | 12717.4 | 11695.4 | 10700.5 | 55°   |
| 57.5° | 9826.1 | 10852.9 | 11806.4 | 12945.5 | 13806.8 | 14212.1 | 14278.3 | 13697.0 | 12646.5 | 11585.5 | 10647.3 | 57.5° |
| 60°   | 9901.7 | 10903.7 | 11899.8 | 13129.8 | 14085.7 | 14307.8 | 14187.3 | 13505.5 | 12401.9 | 11262.9 | 10304.6 | 60°   |
| 62.5° | 9893.4 | 10839.9 | 11851.3 | 13191.2 | 14141.2 | 14169.6 | 13895.5 | 13179.4 | 11951.8 | 10585.8 | 9735.1  | 62.5° |
| 65°   | 9683.1 | 10607.1 | 11578.4 | 12963.2 | 13882.5 | 13760.8 | 13415.7 | 12567.4 | 11076.2 | 9702.0  | 9271.9  | 65°   |
| 67.5° | 9077.0 | 9963.1  | 10864.7 | 12216.4 | 13153.4 | 13035.3 | 12513.0 | 11364.5 | 10058.9 | 8919.8  | 8688.2  | 67.5° |
| 70°   | 8063.2 | 8814.6  | 9606.3  | 10793.8 | 11776.9 | 11617.4 | 10704.0 | 10005.7 | 9051.0  | 8015.9  | 7935.5  | 70°   |
| 72.5° | 6741.0 | 7310.5  | 7884.7  | 8768.6  | 9445.6  | 9119.5  | 8545.2  | 8508.6  | 7737.0  | 6946.6  | 6963.1  | 72.5° |
| 75°   | 5272.2 | 5700.0  | 5968.2  | 6488.1  | 6938.3  | 6646.4  | 6680.7  | 6883.9  | 6629.9  | 6007.2  | 5805.1  | 75°   |
| 77.5° | 3820.1 | 4230.1  | 4315.2  | 4623.6  | 4940.2  | 5272.2  | 5711.8  | 6190.3  | 6270.7  | 5920.9  | 5188.3  | 77.5° |
| 80°   | 2500.2 | 2951.6  | 2783.8  | 2893.7  | 3339.2  | 3945.3  | 4747.6  | 5535.7  | 5806.3  | 5492.0  | 4590.5  | 80°   |
| 82.5° | 1474.6 | 2106.8  | 1839.7  | 2027.6  | 2310.0  | 2838.2  | 3392.3  | 3986.7  | 4439.2  | 4104.8  | 3834.3  | 82.5° |
| 85°   | 1120.1 | 1661.3  | 1759.4  | 1987.4  | 2079.6  | 2102.0  | 2198.9  | 2392.7  | 2626.7  | 2714.1  | 2707.0  | 85°   |
| 87.5° | 583.7  | 1291.5  | 1449.8  | 1341.1  | 1251.3  | 1084.7  | 846.0   | 911.0   | 833.0   | 1139.1  | 1078.8  | 87.5° |
| 90°   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 90°   |



NUMBER: P159018

NUMBER: VTS-E07-LED-E1-SLR-8030

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 | 1974.4 |
| 2089.0 | 2085.5 | 2087.9 | 2089.0 | 2089.0 | 2089.0 | 2091.4 |
| 2137.5 | 2128.0 | 2124.5 | 2124.5 | 2123.3 | 2119.8 | 2118.6 |
| 2189.5 | 2172.9 | 2167.0 | 2159.9 | 2154.0 | 2150.5 | 2144.6 |
| 2282.8 | 2268.6 | 2239.1 | 2222.6 | 2207.2 | 2196.6 | 2187.1 |
| 2408.1 | 2388.0 | 2359.6 | 2338.4 | 2314.7 | 2307.6 | 2295.8 |
| 2601.9 | 2584.1 | 2559.3 | 2535.7 | 2521.5 | 2496.7 | 2479.0 |
| 2904.3 | 2868.9 | 2844.1 | 2813.4 | 2779.1 | 2728.3 | 2703.5 |
| 3302.5 | 3231.6 | 3182.0 | 3154.8 | 3086.3 | 3078.0 | 3017.8 |
| 3759.8 | 3738.5 | 3662.9 | 3629.8 | 3563.7 | 3537.7 | 3443.1 |
| 4443.9 | 4427.4 | 4272.6 | 4256.1 | 4154.5 | 4078.8 | 3932.3 |
| 5343.1 | 5207.3 | 5032.4 | 4910.7 | 4737.0 | 4542.0 | 4292.7 |
| 6128.9 | 5851.2 | 5584.2 | 5300.6 | 5060.7 | 4780.7 | 4498.3 |
| 6629.9 | 6257.7 | 5913.8 | 5623.2 | 5326.6 | 4993.4 | 4630.6 |
| 7069.4 | 6693.7 | 6319.1 | 5975.3 | 5616.1 | 5189.5 | 4741.7 |
| 7595.2 | 7221.9 | 6800.0 | 6316.8 | 5855.9 | 5333.7 | 4786.6 |
| 8134.0 | 7696.9 | 7169.9 | 6577.9 | 5998.9 | 5404.6 | 4778.3 |
| 8685.8 | 8127.0 | 7426.3 | 6751.6 | 6089.9 | 5415.2 | 4722.8 |
| 9133.7 | 8427.1 | 7616.5 | 6840.2 | 6108.8 | 5378.6 | 4653.1 |
| 9450.3 | 8619.7 | 7701.6 | 6870.9 | 6085.2 | 5320.7 | 4558.6 |
| 9631.1 | 8724.8 | 7722.9 | 6848.5 | 6036.7 | 5238.0 | 4455.8 |
| 9697.3 | 8756.7 | 7701.6 | 6802.4 | 5993.0 | 5149.4 | 4383.7 |
| 9690.2 | 8739.0 | 7623.6 | 6694.9 | 5876.0 | 5031.2 | 4295.1 |
| 9556.7 | 8574.8 | 7464.1 | 6566.1 | 5776.8 | 4976.8 | 4301.0 |
| 9329.8 | 8470.8 | 7416.8 | 6592.1 | 5828.8 | 5093.8 | 4487.7 |
| 9227.0 | 8678.8 | 7682.7 | 6852.0 | 6095.8 | 5428.2 | 4872.9 |
| 9169.1 | 9016.7 | 8063.2 | 7132.1 | 6412.5 | 5833.5 | 5332.5 |
| 8932.8 | 9113.6 | 8279.4 | 7291.6 | 6694.9 | 6240.0 | 5792.1 |
| 8551.1 | 8887.9 | 8115.1 | 7260.9 | 6850.8 | 6551.9 | 5957.6 |
| 7754.8 | 8110.4 | 7383.7 | 6808.3 | 6655.9 | 6556.6 | 5709.4 |
| 6282.5 | 6466.8 | 6053.3 | 5923.3 | 5980.0 | 5981.2 | 4789.0 |
| 4633.0 | 4521.9 | 4335.2 | 4344.7 | 4726.3 | 4667.3 | 3413.6 |
| 3782.3 | 3095.8 | 2831.1 | 2931.5 | 3403.0 | 3148.9 | 2144.6 |
| 3519.9 | 2761.4 | 2279.3 | 2302.9 | 2570.0 | 2028.8 | 1291.5 |
| 2846.4 | 2516.8 | 2018.2 | 1811.4 | 1758.2 | 1351.7 | 876.7  |
| 1191.0 | 1095.3 | 815.3  | 734.9  | 602.6  | 368.7  | 167.8  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)