

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: INVUE

Report Number: P181194

Luminaire Tested: **ICM-E06-LED-E1-T2-HSS-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181194  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-E06-LED-E1-T2-HSS-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD  
Light Source: (126) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

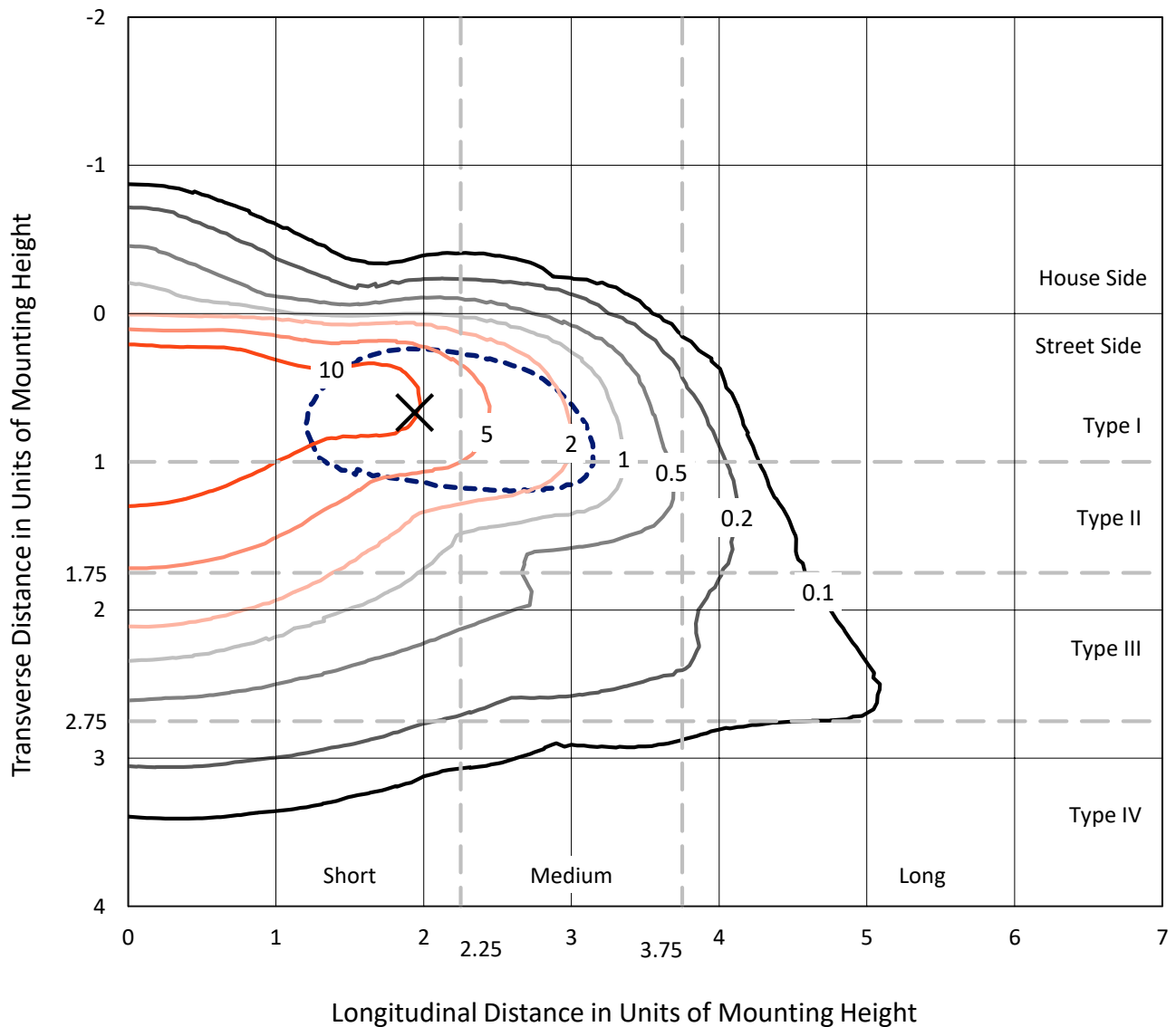
Lumens per Lamp: N/A  
Luminaire Lumens: 8163.1 lumens  
Efficiency: N/A  
Efficacy: 54.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 150.5  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

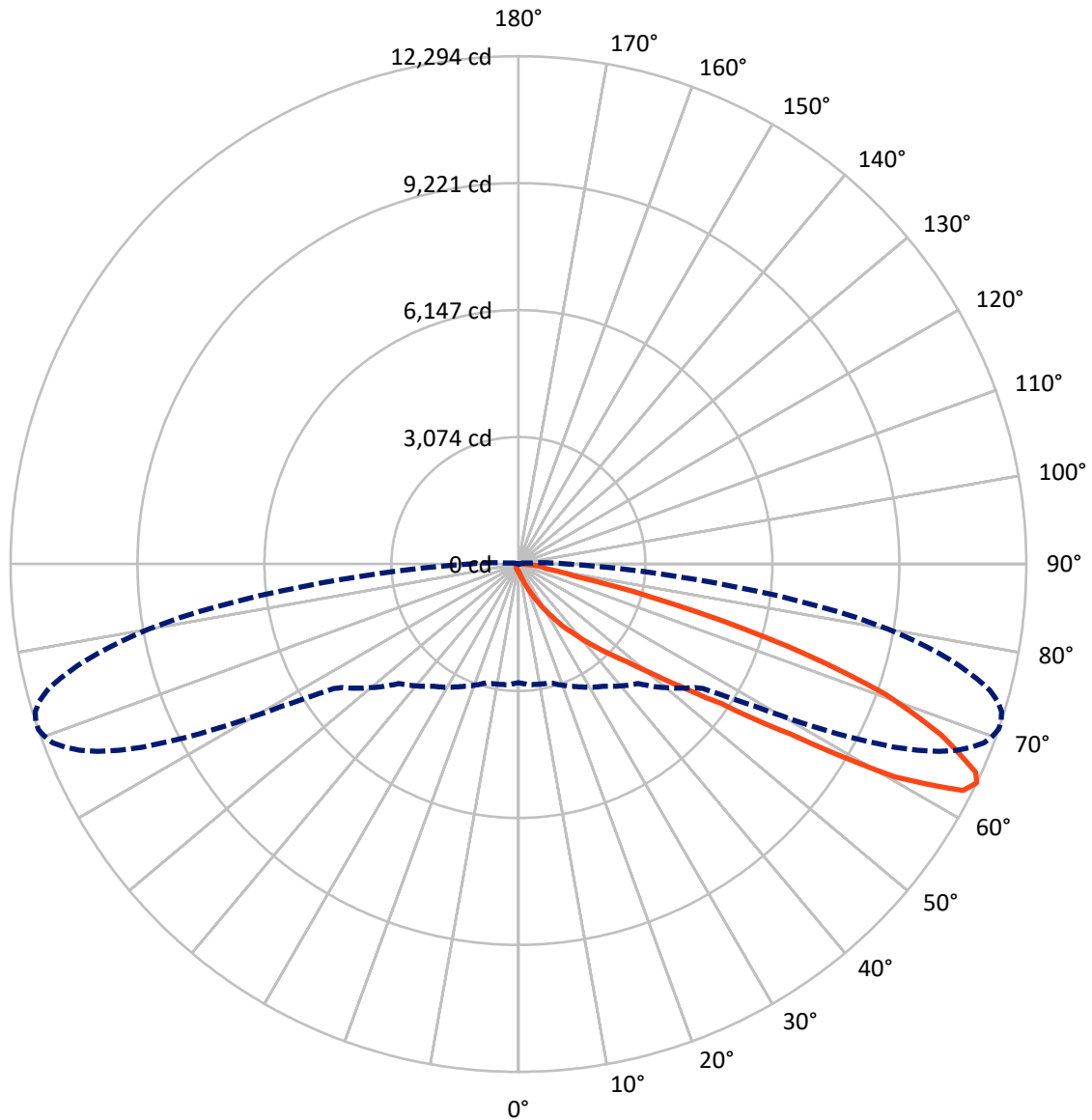
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.9 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 64-Deg Vertical

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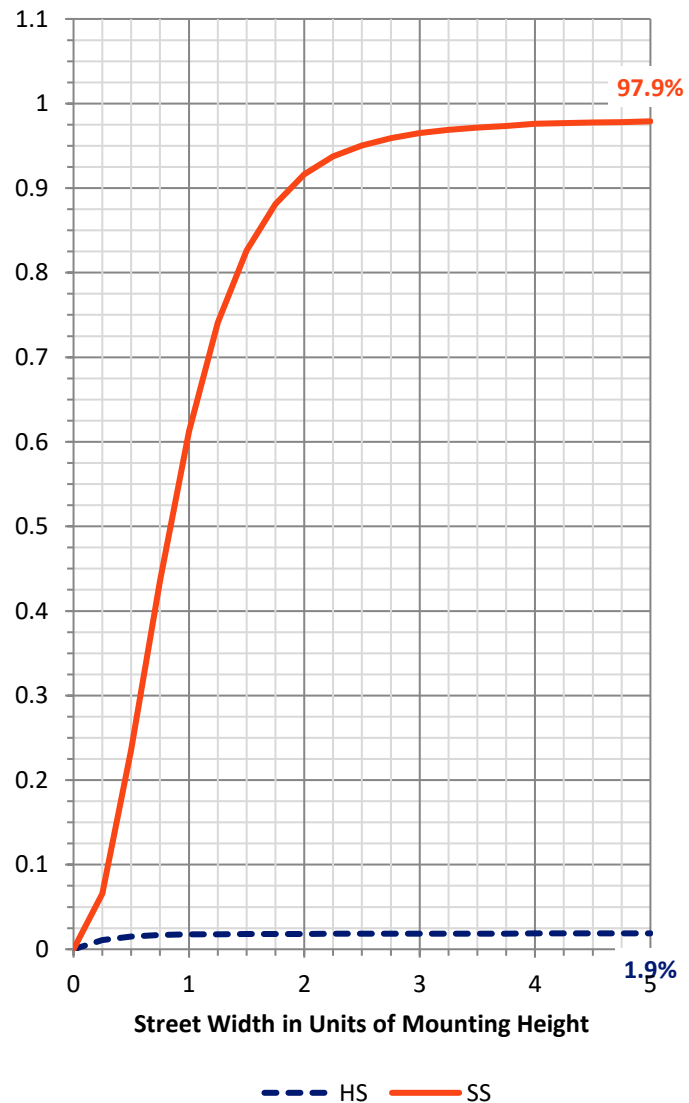
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 156.3    | 0.0    | 156.3  |
|                    | % Fixture | 1.9      | 0.0    | 1.9    |
| <b>Street Side</b> | Lumens    | 8006.8   | 0.0    | 8006.8 |
|                    | % Fixture | 98.1     | 0.0    | 98.1   |
| <b>Total</b>       | Lumens    | 8163.1   | 0.0    | 8163.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 25.0   | 0.3       |
| 10°-20°   | 147.6  | 1.8       |
| 20°-30°   | 377.0  | 4.6       |
| 30°-40°   | 762.5  | 9.3       |
| 40°-50°   | 1393.8 | 17.1      |
| 50°-60°   | 2171.6 | 26.6      |
| 60°-70°   | 2413.7 | 29.6      |
| 70°-80°   | 787.2  | 9.6       |
| 80°-90°   | 84.7   | 1.0       |
| 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°    | 8163.1 | 100.0     |
| 0°-180°   | 8163.1 | 100.0     |



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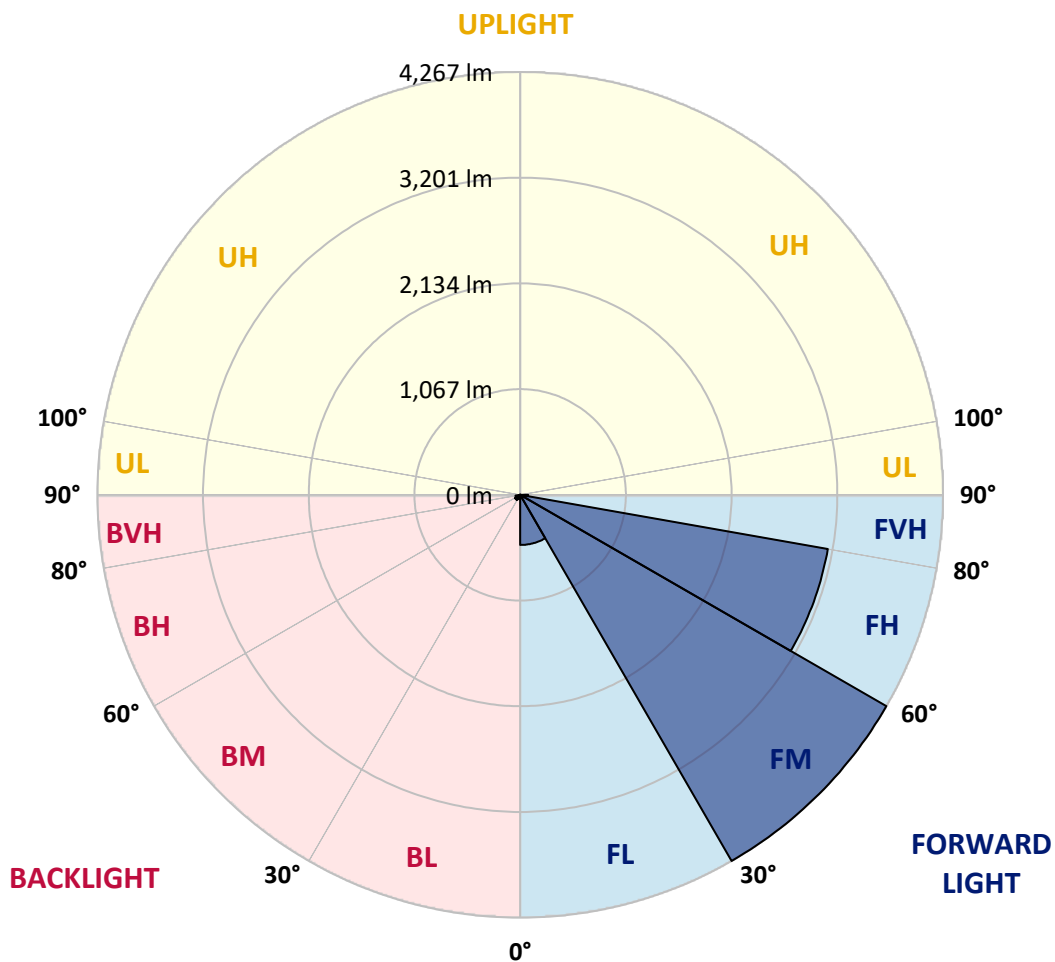
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 506.1  | 6.2       |                         |      |         |
| FM   | (30°-60°)   | 4267.5 | 52.3      |                         |      |         |
| FH   | (60°-80°)   | 3152.7 | 38.6      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 80.6   | 1.0       |                         |      | G1/100  |
| BL   | (0°-30°)    | 43.5   | 0.5       | B0/110                  |      |         |
| BM   | (30°-60°)   | 60.4   | 0.7       | B0/220                  |      |         |
| BH   | (60°-80°)   | 48.3   | 0.6       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 4.1    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 56°    | 57°    | 58°    | 59°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  |
| 2.5°  | 244.7  | 241.3  | 241.3  | 236.2  | 229.4  | 222.6  | 215.8  | 214.1  | 212.4  | 210.7  | 210.7  |
| 5°    | 384.0  | 370.4  | 365.3  | 346.6  | 322.9  | 294.0  | 268.5  | 261.7  | 261.7  | 256.6  | 253.2  |
| 7.5°  | 603.3  | 596.5  | 560.7  | 542.0  | 486.0  | 416.3  | 343.3  | 336.5  | 334.8  | 328.0  | 317.8  |
| 10°   | 883.6  | 870.1  | 844.6  | 790.1  | 688.2  | 567.5  | 463.9  | 446.9  | 435.0  | 421.4  | 407.8  |
| 12.5° | 1164.0 | 1147.0 | 1109.6 | 1021.2 | 919.3  | 764.7  | 598.1  | 582.9  | 564.2  | 545.5  | 523.4  |
| 15°   | 1444.4 | 1432.5 | 1374.7 | 1286.3 | 1153.8 | 968.6  | 757.9  | 730.7  | 715.4  | 678.1  | 661.0  |
| 17.5° | 1687.4 | 1672.1 | 1626.2 | 1526.0 | 1388.3 | 1184.4 | 934.6  | 900.7  | 875.2  | 853.0  | 812.3  |
| 20°   | 1898.1 | 1882.8 | 1838.6 | 1755.4 | 1600.8 | 1400.2 | 1124.9 | 1107.9 | 1062.1 | 1028.1 | 1004.3 |
| 22.5° | 2027.3 | 2022.2 | 1993.2 | 1913.4 | 1775.7 | 1597.3 | 1342.4 | 1315.3 | 1284.7 | 1238.8 | 1211.5 |
| 25°   | 2107.1 | 2102.0 | 2085.0 | 2028.9 | 1935.5 | 1804.7 | 1582.1 | 1548.0 | 1520.8 | 1480.1 | 1446.1 |
| 27.5° | 2190.3 | 2187.0 | 2173.4 | 2124.1 | 2074.8 | 1993.2 | 1825.0 | 1806.3 | 1746.8 | 1723.1 | 1690.8 |
| 30°   | 2328.0 | 2312.7 | 2324.6 | 2300.9 | 2238.0 | 2187.0 | 2069.7 | 2042.5 | 2017.0 | 1976.3 | 1947.4 |
| 32.5° | 2547.2 | 2521.7 | 2547.2 | 2521.7 | 2494.5 | 2433.3 | 2321.2 | 2312.7 | 2287.2 | 2261.7 | 2220.9 |
| 35°   | 2815.6 | 2805.5 | 2825.9 | 2848.0 | 2825.9 | 2744.3 | 2608.4 | 2582.9 | 2572.7 | 2531.9 | 2516.6 |
| 37.5° | 3085.9 | 3104.6 | 3142.0 | 3191.2 | 3177.6 | 3118.2 | 2926.2 | 2902.3 | 2883.6 | 2848.0 | 2820.8 |
| 40°   | 3376.5 | 3378.2 | 3458.0 | 3529.4 | 3565.0 | 3529.4 | 3276.2 | 3257.5 | 3232.0 | 3181.0 | 3174.3 |
| 42.5° | 3692.5 | 3678.9 | 3738.3 | 3818.3 | 3891.3 | 3940.6 | 3738.3 | 3702.7 | 3667.0 | 3609.2 | 3570.2 |
| 45°   | 3972.9 | 3972.9 | 4020.5 | 4095.2 | 4207.4 | 4331.5 | 4226.1 | 4188.7 | 4154.7 | 4107.1 | 4062.9 |
| 47.5° | 4180.2 | 4181.9 | 4210.8 | 4319.6 | 4494.5 | 4679.7 | 4683.2 | 4690.0 | 4664.5 | 4608.4 | 4610.1 |
| 50°   | 4326.4 | 4307.7 | 4346.7 | 4452.1 | 4654.3 | 4944.9 | 5153.9 | 5165.8 | 5186.2 | 5140.3 | 5153.9 |
| 52.5° | 4433.4 | 4424.9 | 4450.4 | 4538.7 | 4741.0 | 5096.1 | 5539.6 | 5590.5 | 5621.2 | 5627.9 | 5684.0 |
| 55°   | 4377.3 | 4382.4 | 4443.6 | 4571.0 | 4788.5 | 5196.4 | 5867.6 | 5950.8 | 6022.2 | 6083.4 | 6153.1 |
| 57.5° | 4192.1 | 4207.4 | 4314.4 | 4513.2 | 4798.7 | 5277.9 | 6215.9 | 6343.4 | 6477.6 | 6640.7 | 6778.4 |
| 60°   | 3896.4 | 3932.1 | 4076.6 | 4355.2 | 4700.2 | 5170.9 | 6319.6 | 6515.0 | 6720.6 | 6968.7 | 7245.7 |
| 62.5° | 3463.1 | 3469.9 | 3565.0 | 3835.3 | 4215.8 | 4601.6 | 5843.8 | 6093.5 | 6365.4 | 6724.0 | 7111.4 |
| 64°   | 2870.1 | 2931.3 | 2975.5 | 3272.8 | 3612.7 | 4093.5 | 5215.0 | 5388.4 | 5767.3 | 6207.4 | 6695.1 |
| 65°   | 2368.8 | 2441.9 | 2477.5 | 2774.9 | 3164.0 | 3622.8 | 4667.8 | 4853.1 | 5252.4 | 5699.4 | 6307.7 |
| 67.5° | 1396.8 | 1347.5 | 1451.2 | 1626.2 | 1952.5 | 2496.2 | 3148.8 | 3289.8 | 3587.2 | 4119.0 | 4605.1 |
| 70°   | 900.7  | 900.7  | 995.7  | 1174.2 | 1476.7 | 1892.9 | 2163.2 | 2103.7 | 2166.5 | 2372.2 | 2715.5 |
| 72.5° | 577.8  | 608.4  | 666.1  | 817.3  | 1097.7 | 1587.1 | 2210.7 | 1930.3 | 1784.2 | 1716.3 | 1712.8 |
| 75°   | 263.4  | 280.4  | 343.3  | 433.3  | 586.2  | 1034.9 | 2229.4 | 2107.1 | 1972.8 | 1843.7 | 1743.5 |
| 77.5° | 56.1   | 64.6   | 108.7  | 224.3  | 285.5  | 477.5  | 1582.1 | 1765.5 | 1911.6 | 1954.2 | 1954.2 |
| 80°   | 28.9   | 30.6   | 45.9   | 105.4  | 122.3  | 161.4  | 610.1  | 802.1  | 988.9  | 1235.4 | 1493.7 |
| 82.5° | 11.9   | 13.6   | 27.2   | 47.5   | 51.0   | 49.3   | 161.4  | 203.9  | 280.4  | 407.8  | 608.4  |
| 85°   | 3.4    | 3.4    | 11.9   | 18.7   | 27.2   | 22.0   | 35.7   | 40.7   | 52.7   | 76.5   | 146.1  |
| 87.5° | 0.0    | 0.0    | 1.7    | 3.4    | 5.1    | 8.5    | 10.2   | 10.2   | 10.2   | 10.2   | 10.2   |
| 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):**

|       | 60°    | 61°    | 62°    | 64°     | 65°     | 66°     | 67°     | 68°     | 69°     | 70°     | 71°     |
|-------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 181.9  | 181.9  | 181.9  | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   |
| 2.5°  | 209.0  | 209.0  | 207.4  | 205.6   | 205.6   | 202.2   | 202.2   | 200.6   | 200.6   | 198.8   | 198.8   |
| 5°    | 251.5  | 248.1  | 244.7  | 239.6   | 237.9   | 234.5   | 231.1   | 227.7   | 224.3   | 222.6   | 219.2   |
| 7.5°  | 312.7  | 309.3  | 299.1  | 292.3   | 283.8   | 278.7   | 271.9   | 266.8   | 261.7   | 258.3   | 251.5   |
| 10°   | 394.2  | 382.3  | 377.2  | 353.5   | 348.4   | 336.5   | 326.2   | 319.4   | 305.9   | 297.4   | 288.8   |
| 12.5° | 509.8  | 487.7  | 479.2  | 438.4   | 426.5   | 409.5   | 397.6   | 380.7   | 365.3   | 355.2   | 339.8   |
| 15°   | 640.7  | 623.6  | 591.4  | 550.6   | 528.5   | 509.8   | 480.9   | 467.3   | 446.9   | 424.8   | 402.7   |
| 17.5° | 796.9  | 766.3  | 730.7  | 678.1   | 650.8   | 622.0   | 594.7   | 565.9   | 531.9   | 511.4   | 487.7   |
| 20°   | 978.8  | 946.5  | 902.3  | 836.0   | 803.7   | 774.9   | 727.3   | 706.9   | 666.1   | 625.3   | 594.7   |
| 22.5° | 1177.6 | 1145.3 | 1102.8 | 1028.1  | 985.6   | 938.0   | 898.9   | 863.3   | 815.6   | 774.9   | 739.2   |
| 25°   | 1401.9 | 1364.5 | 1332.2 | 1245.6  | 1192.8  | 1143.6  | 1101.1  | 1038.2  | 997.5   | 949.9   | 900.7   |
| 27.5° | 1656.8 | 1612.6 | 1570.1 | 1475.0  | 1425.7  | 1371.3  | 1320.3  | 1254.1  | 1215.0  | 1136.8  | 1090.9  |
| 30°   | 1918.4 | 1864.1 | 1819.9 | 1723.1  | 1678.9  | 1622.8  | 1553.1  | 1493.7  | 1427.4  | 1374.7  | 1299.9  |
| 32.5° | 2193.8 | 2149.6 | 2113.9 | 2011.9  | 1955.8  | 1886.2  | 1823.3  | 1760.5  | 1702.7  | 1617.7  | 1549.8  |
| 35°   | 2487.7 | 2448.7 | 2409.6 | 2321.2  | 2271.9  | 2219.3  | 2147.8  | 2071.4  | 1991.5  | 1903.2  | 1842.0  |
| 37.5° | 2796.9 | 2766.4 | 2735.8 | 2628.8  | 2571.0  | 2514.9  | 2433.3  | 2356.9  | 2285.5  | 2192.0  | 2088.4  |
| 40°   | 3121.5 | 3092.7 | 3043.4 | 2955.0  | 2893.9  | 2842.9  | 2768.1  | 2696.8  | 2599.9  | 2496.2  | 2404.5  |
| 42.5° | 3529.4 | 3466.5 | 3424.0 | 3327.2  | 3262.6  | 3206.5  | 3140.2  | 3033.2  | 2951.6  | 2827.6  | 2739.2  |
| 45°   | 4006.9 | 3947.4 | 3877.7 | 3779.2  | 3699.3  | 3607.6  | 3514.1  | 3441.0  | 3339.1  | 3226.9  | 3113.0  |
| 47.5° | 4543.8 | 4496.2 | 4414.7 | 4317.8  | 4238.0  | 4146.2  | 4035.7  | 3942.3  | 3818.3  | 3687.4  | 3532.8  |
| 50°   | 5135.2 | 5085.9 | 5031.6 | 4922.8  | 4842.9  | 4756.2  | 4669.6  | 4559.1  | 4447.0  | 4290.6  | 4130.9  |
| 52.5° | 5684.0 | 5694.3 | 5662.0 | 5611.0  | 5571.9  | 5481.8  | 5402.0  | 5296.6  | 5198.1  | 5055.3  | 4931.3  |
| 55°   | 6226.1 | 6314.5 | 6348.5 | 6397.7  | 6414.7  | 6341.6  | 6339.9  | 6185.3  | 6125.9  | 6042.5  | 5971.2  |
| 57.5° | 6941.5 | 7136.9 | 7291.6 | 7590.7  | 7716.3  | 7843.9  | 7867.6  | 7758.8  | 7871.0  | 7726.6  | 7775.9  |
| 60°   | 7549.8 | 7908.4 | 8292.4 | 9065.5  | 9453.0  | 9745.3  | 9979.8  | 10153.1 | 10265.3 | 10455.6 | 10465.7 |
| 62.5° | 7604.2 | 8168.4 | 8752.9 | 9881.3  | 10411.4 | 10855.0 | 11278.0 | 11573.7 | 11808.2 | 12024.0 | 12076.7 |
| 64°   | 7344.2 | 8042.7 | 8752.9 | 10117.5 | 10659.5 | 11152.3 | 11538.0 | 11832.0 | 12071.6 | 12205.8 | 12294.2 |
| 65°   | 6871.9 | 7653.5 | 8470.8 | 9961.1  | 10520.2 | 11043.5 | 11412.3 | 11708.0 | 11933.9 | 12068.2 | 12160.0 |
| 67.5° | 5091.0 | 5847.2 | 6667.9 | 8402.8  | 9283.1  | 9762.3  | 10234.7 | 10649.3 | 10831.1 | 11001.1 | 11033.4 |
| 70°   | 3102.9 | 3651.7 | 4217.6 | 5826.8  | 6644.1  | 7505.6  | 8037.5  | 8644.1  | 9069.0  | 9330.7  | 9417.4  |
| 72.5° | 1872.6 | 2062.9 | 2401.0 | 3266.0  | 4049.3  | 4654.3  | 5390.1  | 5969.5  | 6445.3  | 6708.7  | 6841.3  |
| 75°   | 1667.0 | 1643.2 | 1687.4 | 2047.6  | 2326.3  | 2690.0  | 2956.8  | 3320.4  | 3614.3  | 3706.1  | 3877.7  |
| 77.5° | 1927.0 | 1859.0 | 1789.3 | 1721.3  | 1707.7  | 1673.8  | 1619.4  | 1633.0  | 1503.8  | 1379.8  | 1383.2  |
| 80°   | 1716.3 | 1879.4 | 1976.3 | 1904.8  | 1743.5  | 1580.3  | 1379.8  | 1130.1  | 883.6   | 730.7   | 666.1   |
| 82.5° | 861.5  | 1225.2 | 1575.3 | 1921.9  | 1898.1  | 1753.7  | 1532.8  | 1259.2  | 975.4   | 749.4   | 598.1   |
| 85°   | 265.1  | 470.7  | 662.7  | 921.0   | 1068.8  | 1048.5  | 921.0   | 895.5   | 638.9   | 497.9   | 384.0   |
| 87.5° | 11.9   | 11.9   | 11.9   | 10.2    | 11.9    | 11.9    | 11.9    | 13.6    | 13.6    | 15.3    | 15.3    |
| 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):**

|       | 72°     | 73°     | 74°     | 75°     | 76°     | 77°     | 78°     | 79°    | 80°    | 81°    | 82°    |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0°    | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9   | 181.9  | 181.9  | 181.9  | 181.9  |
| 2.5°  | 198.8   | 197.1   | 195.4   | 193.7   | 193.7   | 193.7   | 192.0   | 192.0  | 190.3  | 190.3  | 188.7  |
| 5°    | 219.2   | 215.8   | 214.1   | 210.7   | 210.7   | 207.4   | 205.6   | 203.9  | 200.6  | 198.8  | 197.1  |
| 7.5°  | 246.4   | 243.0   | 237.9   | 232.8   | 231.1   | 226.0   | 220.9   | 217.5  | 214.1  | 210.7  | 207.4  |
| 10°   | 282.0   | 275.3   | 265.1   | 258.3   | 253.2   | 246.4   | 239.6   | 234.5  | 227.7  | 220.9  | 217.5  |
| 12.5° | 328.0   | 314.3   | 304.2   | 292.3   | 282.0   | 271.9   | 260.0   | 253.2  | 246.4  | 236.2  | 229.4  |
| 15°   | 380.7   | 367.1   | 355.2   | 334.8   | 317.8   | 304.2   | 294.0   | 278.7  | 266.8  | 253.2  | 243.0  |
| 17.5° | 470.7   | 435.0   | 411.3   | 390.8   | 373.9   | 348.4   | 328.0   | 311.0  | 295.6  | 278.7  | 266.8  |
| 20°   | 559.1   | 528.5   | 496.2   | 472.4   | 435.0   | 412.9   | 385.8   | 362.0  | 334.8  | 314.3  | 294.0  |
| 22.5° | 688.2   | 649.1   | 608.4   | 572.7   | 521.7   | 491.1   | 455.4   | 424.8  | 390.8  | 356.8  | 334.8  |
| 25°   | 851.4   | 793.6   | 739.2   | 688.2   | 640.7   | 594.7   | 548.8   | 499.5  | 463.9  | 423.1  | 385.8  |
| 27.5° | 1023.0  | 958.4   | 905.7   | 839.4   | 778.2   | 722.1   | 664.4   | 611.7  | 550.6  | 497.9  | 453.7  |
| 30°   | 1238.8  | 1150.4  | 1089.2  | 1009.4  | 948.2   | 870.1   | 798.6   | 729.0  | 654.2  | 593.0  | 530.1  |
| 32.5° | 1458.0  | 1398.5  | 1294.8  | 1226.9  | 1135.1  | 1041.7  | 966.9   | 887.0  | 795.3  | 715.4  | 638.9  |
| 35°   | 1746.8  | 1644.8  | 1558.2  | 1463.1  | 1362.8  | 1266.0  | 1169.1  | 1055.3 | 961.8  | 863.3  | 769.8  |
| 37.5° | 2001.8  | 1898.1  | 1797.8  | 1673.8  | 1559.9  | 1458.0  | 1340.8  | 1221.8 | 1111.4 | 994.1  | 882.0  |
| 40°   | 2297.4  | 2168.3  | 2049.3  | 1933.8  | 1792.8  | 1672.1  | 1549.8  | 1401.9 | 1274.4 | 1145.3 | 1012.8 |
| 42.5° | 2620.3  | 2489.4  | 2348.4  | 2215.8  | 2061.2  | 1913.4  | 1762.2  | 1614.3 | 1471.5 | 1315.3 | 1160.6 |
| 45°   | 2973.7  | 2836.1  | 2678.1  | 2526.8  | 2358.6  | 2195.5  | 2015.4  | 1845.4 | 1677.2 | 1502.1 | 1323.7 |
| 47.5° | 3412.1  | 3235.4  | 3089.2  | 2900.7  | 2691.6  | 2520.0  | 2299.1  | 2105.4 | 1913.4 | 1709.5 | 1508.9 |
| 50°   | 3979.7  | 3779.2  | 3568.5  | 3359.5  | 3128.4  | 2910.8  | 2666.2  | 2436.8 | 2180.2 | 1952.5 | 1723.1 |
| 52.5° | 4732.5  | 4582.9  | 4338.3  | 4098.6  | 3816.6  | 3539.6  | 3203.1  | 2905.8 | 2576.1 | 2285.5 | 2005.1 |
| 55°   | 5801.3  | 5702.7  | 5490.4  | 5228.7  | 4982.3  | 4577.8  | 4190.4  | 3728.2 | 3300.0 | 2882.0 | 2487.7 |
| 57.5° | 7736.8  | 7629.7  | 7393.5  | 7330.6  | 6951.7  | 6654.4  | 6200.6  | 5602.5 | 4876.9 | 4238.0 | 3600.8 |
| 60°   | 10523.6 | 10314.6 | 10083.4 | 10041.0 | 9595.8  | 9283.1  | 8832.8  | 8195.6 | 7512.4 | 6492.9 | 5624.6 |
| 62.5° | 12080.1 | 12017.2 | 11830.3 | 11600.9 | 11215.1 | 10751.2 | 10244.9 | 9628.1 | 8934.8 | 8040.9 | 7007.8 |
| 64°   | 12289.1 | 12231.3 | 12069.9 | 11811.6 | 11424.2 | 10963.7 | 10402.9 | 9787.8 | 9092.8 | 8277.2 | 7334.0 |
| 65°   | 12158.2 | 12076.7 | 11939.0 | 11701.2 | 11340.9 | 10899.1 | 10334.9 | 9711.3 | 9006.1 | 8221.1 | 7344.2 |
| 67.5° | 11103.0 | 11065.6 | 10939.9 | 10718.9 | 10493.0 | 10095.3 | 9599.1  | 9041.8 | 8465.7 | 7687.5 | 6968.7 |
| 70°   | 9427.5  | 9400.3  | 9240.6  | 9152.2  | 8778.4  | 8526.9  | 8125.9  | 7687.5 | 7177.7 | 6635.7 | 6023.9 |
| 72.5° | 6989.1  | 6897.3  | 6768.1  | 6633.9  | 6380.8  | 6035.8  | 5723.1  | 5255.8 | 4992.4 | 4535.4 | 4190.4 |
| 75°   | 3706.1  | 3648.3  | 3447.8  | 3167.5  | 2854.8  | 2693.3  | 2368.8  | 2078.2 | 1847.1 | 1743.5 | 1493.7 |
| 77.5° | 1281.2  | 1167.4  | 1055.3  | 929.5   | 737.5   | 581.1   | 463.9   | 370.4  | 292.3  | 258.3  | 215.8  |
| 80°   | 638.9   | 606.6   | 571.0   | 499.5   | 419.7   | 338.1   | 265.1   | 209.0  | 171.6  | 146.1  | 130.9  |
| 82.5° | 518.2   | 458.8   | 409.5   | 358.5   | 287.2   | 236.2   | 186.9   | 152.9  | 125.8  | 110.4  | 96.8   |
| 85°   | 305.9   | 234.5   | 178.4   | 161.4   | 125.8   | 108.7   | 93.5    | 79.9   | 68.0   | 64.6   | 59.4   |
| 87.5° | 11.9    | 15.3    | 15.3    | 11.9    | 15.3    | 13.6    | 13.6    | 11.9   | 11.9   | 11.9   | 11.9   |
| 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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CATALOG NUMBER: ICM-E06-LED-E1-T2-HSS-7030

**CANDELA DISTRIBUTION (continued):**

|       | 83°    | 84°    | 85°    | 86°    | 87°    | 88°    | 89°    | 90°    | 95°   | 105°  | 115°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°    | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9  | 181.9 | 181.9 | 181.9 |
| 2.5°  | 188.7  | 186.9  | 186.9  | 185.2  | 183.5  | 183.5  | 183.5  | 181.9  | 178.4 | 171.6 | 166.5 |
| 5°    | 195.4  | 193.7  | 192.0  | 188.7  | 186.9  | 185.2  | 183.5  | 183.5  | 175.1 | 163.2 | 154.6 |
| 7.5°  | 203.9  | 200.6  | 197.1  | 193.7  | 192.0  | 188.7  | 185.2  | 183.5  | 171.6 | 156.4 | 147.8 |
| 10°   | 212.4  | 207.4  | 202.2  | 200.6  | 195.4  | 192.0  | 186.9  | 183.5  | 170.0 | 151.3 | 139.3 |
| 12.5° | 222.6  | 215.8  | 209.0  | 203.9  | 197.1  | 193.7  | 188.7  | 183.5  | 166.5 | 146.1 | 132.6 |
| 15°   | 234.5  | 224.3  | 215.8  | 210.7  | 203.9  | 195.4  | 188.7  | 183.5  | 163.2 | 141.0 | 125.8 |
| 17.5° | 249.8  | 237.9  | 227.7  | 217.5  | 207.4  | 198.8  | 192.0  | 185.2  | 158.0 | 134.2 | 117.2 |
| 20°   | 273.6  | 258.3  | 241.3  | 229.4  | 215.8  | 205.6  | 193.7  | 185.2  | 154.6 | 127.4 | 110.4 |
| 22.5° | 305.9  | 282.0  | 263.4  | 243.0  | 226.0  | 212.4  | 198.8  | 188.7  | 149.5 | 120.7 | 102.0 |
| 25°   | 351.7  | 321.1  | 290.6  | 265.1  | 243.0  | 224.3  | 207.4  | 193.7  | 146.1 | 115.5 | 96.8  |
| 27.5° | 402.7  | 367.1  | 326.2  | 295.6  | 265.1  | 237.9  | 219.2  | 202.2  | 146.1 | 112.2 | 91.7  |
| 30°   | 474.0  | 423.1  | 373.9  | 334.8  | 294.0  | 263.4  | 236.2  | 214.1  | 146.1 | 110.4 | 86.7  |
| 32.5° | 560.7  | 503.0  | 440.1  | 384.0  | 336.5  | 292.3  | 258.3  | 229.4  | 149.5 | 107.1 | 83.3  |
| 35°   | 681.4  | 596.5  | 521.7  | 452.0  | 389.1  | 338.1  | 294.0  | 254.9  | 154.6 | 105.4 | 78.1  |
| 37.5° | 776.6  | 674.6  | 579.4  | 499.5  | 426.5  | 363.6  | 307.5  | 265.1  | 149.5 | 98.5  | 73.0  |
| 40°   | 890.4  | 774.9  | 659.4  | 559.1  | 475.8  | 394.2  | 329.7  | 278.7  | 146.1 | 90.0  | 66.2  |
| 42.5° | 1028.1 | 883.6  | 749.4  | 635.5  | 531.9  | 435.0  | 358.5  | 295.6  | 146.1 | 84.9  | 61.2  |
| 45°   | 1157.2 | 999.2  | 849.7  | 706.9  | 586.2  | 479.2  | 385.8  | 314.3  | 144.5 | 79.9  | 54.4  |
| 47.5° | 1316.9 | 1130.1 | 955.0  | 790.1  | 650.8  | 520.0  | 414.6  | 331.4  | 142.7 | 74.8  | 49.3  |
| 50°   | 1505.6 | 1277.9 | 1080.8 | 883.6  | 713.7  | 569.2  | 448.6  | 350.0  | 139.3 | 69.7  | 44.2  |
| 52.5° | 1714.5 | 1469.9 | 1218.3 | 990.7  | 791.8  | 622.0  | 480.9  | 367.1  | 134.2 | 64.6  | 39.1  |
| 55°   | 2085.0 | 1748.6 | 1451.2 | 1169.1 | 910.8  | 700.1  | 528.5  | 392.6  | 129.1 | 59.4  | 34.0  |
| 57.5° | 2973.7 | 2416.4 | 1994.9 | 1570.1 | 1199.7 | 898.9  | 657.6  | 465.6  | 122.3 | 52.7  | 27.2  |
| 60°   | 4669.6 | 3750.3 | 3034.9 | 2380.7 | 1814.8 | 1379.8 | 968.6  | 688.2  | 130.9 | 44.2  | 23.8  |
| 62.5° | 5989.9 | 4933.0 | 4022.2 | 3201.4 | 2486.1 | 1889.6 | 1410.4 | 1028.1 | 188.7 | 39.1  | 18.7  |
| 64°   | 6334.8 | 5264.3 | 4292.3 | 3432.5 | 2688.2 | 2073.1 | 1573.5 | 1162.3 | 243.0 | 39.1  | 17.0  |
| 65°   | 6385.8 | 5366.3 | 4389.2 | 3517.5 | 2757.9 | 2122.3 | 1621.1 | 1206.5 | 265.1 | 40.7  | 15.3  |
| 67.5° | 6175.1 | 5306.8 | 4418.1 | 3553.1 | 2810.6 | 2190.3 | 1685.7 | 1276.2 | 299.1 | 39.1  | 11.9  |
| 70°   | 5393.4 | 4754.5 | 4023.8 | 3323.7 | 2650.9 | 2081.6 | 1621.1 | 1237.0 | 312.7 | 37.4  | 10.2  |
| 72.5° | 3670.4 | 3230.3 | 2798.7 | 2302.5 | 1845.4 | 1520.8 | 1182.7 | 871.7  | 219.2 | 30.6  | 8.5   |
| 75°   | 1223.4 | 1192.8 | 1067.2 | 808.8  | 679.7  | 552.3  | 441.8  | 339.8  | 83.3  | 18.7  | 8.5   |
| 77.5° | 203.9  | 175.1  | 152.9  | 146.1  | 122.3  | 119.0  | 103.6  | 83.3   | 35.7  | 11.9  | 8.5   |
| 80°   | 119.0  | 108.7  | 95.2   | 84.9   | 74.8   | 66.2   | 56.1   | 47.5   | 22.0  | 8.5   | 10.2  |
| 82.5° | 88.4   | 78.1   | 69.7   | 61.2   | 52.7   | 45.9   | 39.1   | 32.3   | 11.9  | 8.5   | 10.2  |
| 85°   | 51.0   | 44.2   | 39.1   | 34.0   | 27.2   | 23.8   | 20.4   | 17.0   | 8.5   | 8.5   | 8.5   |
| 87.5° | 10.2   | 10.2   | 8.5    | 8.5    | 8.5    | 8.5    | 8.5    | 6.8    | 8.5   | 8.5   | 6.8   |
| 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):**

|       | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 181.9 | 181.9 | 181.9 | 181.9 | 181.9 | 181.9 | 181.9 |
| 2.5°  | 163.2 | 158.0 | 156.4 | 156.4 | 156.4 | 156.4 | 156.4 |
| 5°    | 149.5 | 144.5 | 141.0 | 139.3 | 139.3 | 139.3 | 139.3 |
| 7.5°  | 139.3 | 132.6 | 129.1 | 125.8 | 125.8 | 124.0 | 124.0 |
| 10°   | 129.1 | 122.3 | 117.2 | 113.9 | 112.2 | 112.2 | 112.2 |
| 12.5° | 120.7 | 113.9 | 107.1 | 103.6 | 103.6 | 102.0 | 102.0 |
| 15°   | 113.9 | 103.6 | 98.5  | 95.2  | 95.2  | 93.5  | 93.5  |
| 17.5° | 105.4 | 96.8  | 91.7  | 88.4  | 86.7  | 86.7  | 86.7  |
| 20°   | 96.8  | 88.4  | 83.3  | 81.6  | 79.9  | 79.9  | 78.1  |
| 22.5° | 90.0  | 81.6  | 76.5  | 74.8  | 73.0  | 73.0  | 71.3  |
| 25°   | 83.3  | 74.8  | 69.7  | 68.0  | 66.2  | 64.6  | 64.6  |
| 27.5° | 78.1  | 69.7  | 64.6  | 61.2  | 59.4  | 57.8  | 57.8  |
| 30°   | 73.0  | 62.9  | 57.8  | 54.4  | 52.7  | 51.0  | 51.0  |
| 32.5° | 68.0  | 57.8  | 51.0  | 47.5  | 45.9  | 44.2  | 44.2  |
| 35°   | 61.2  | 51.0  | 44.2  | 42.5  | 40.7  | 39.1  | 37.4  |
| 37.5° | 56.1  | 44.2  | 39.1  | 35.7  | 34.0  | 32.3  | 32.3  |
| 40°   | 49.3  | 39.1  | 34.0  | 30.6  | 27.2  | 25.5  | 25.5  |
| 42.5° | 44.2  | 34.0  | 28.9  | 23.8  | 22.0  | 20.4  | 20.4  |
| 45°   | 39.1  | 30.6  | 23.8  | 18.7  | 17.0  | 15.3  | 15.3  |
| 47.5° | 34.0  | 25.5  | 18.7  | 15.3  | 13.6  | 11.9  | 11.9  |
| 50°   | 28.9  | 20.4  | 13.6  | 10.2  | 11.9  | 10.2  | 10.2  |
| 52.5° | 25.5  | 15.3  | 10.2  | 10.2  | 10.2  | 10.2  | 10.2  |
| 55°   | 20.4  | 11.9  | 8.5   | 8.5   | 10.2  | 10.2  | 10.2  |
| 57.5° | 17.0  | 8.5   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 60°   | 11.9  | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 62.5° | 10.2  | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 64°   | 8.5   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 65°   | 8.5   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 67.5° | 8.5   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 70°   | 6.8   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 72.5° | 6.8   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 75°   | 6.8   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   |
| 77.5° | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 80°   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 82.5° | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 85°   | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 87.5° | 6.8   | 6.8   | 6.8   | 8.5   | 8.5   | 8.5   | 8.5   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)