

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: STREETWORKS

Report Number: P565357

Luminaire Tested: **PMM-SA3B-740-U-T1**

Issue Date: 8/19/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P565357  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2108-334-1)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 8/19/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: PMM-SA3B-740-U-T1  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE I OPTICS.  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13291 lumens  
Efficiency: N/A  
Efficacy: 105.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type I - Medium  
BUG Rating: B4 - U0 - G4

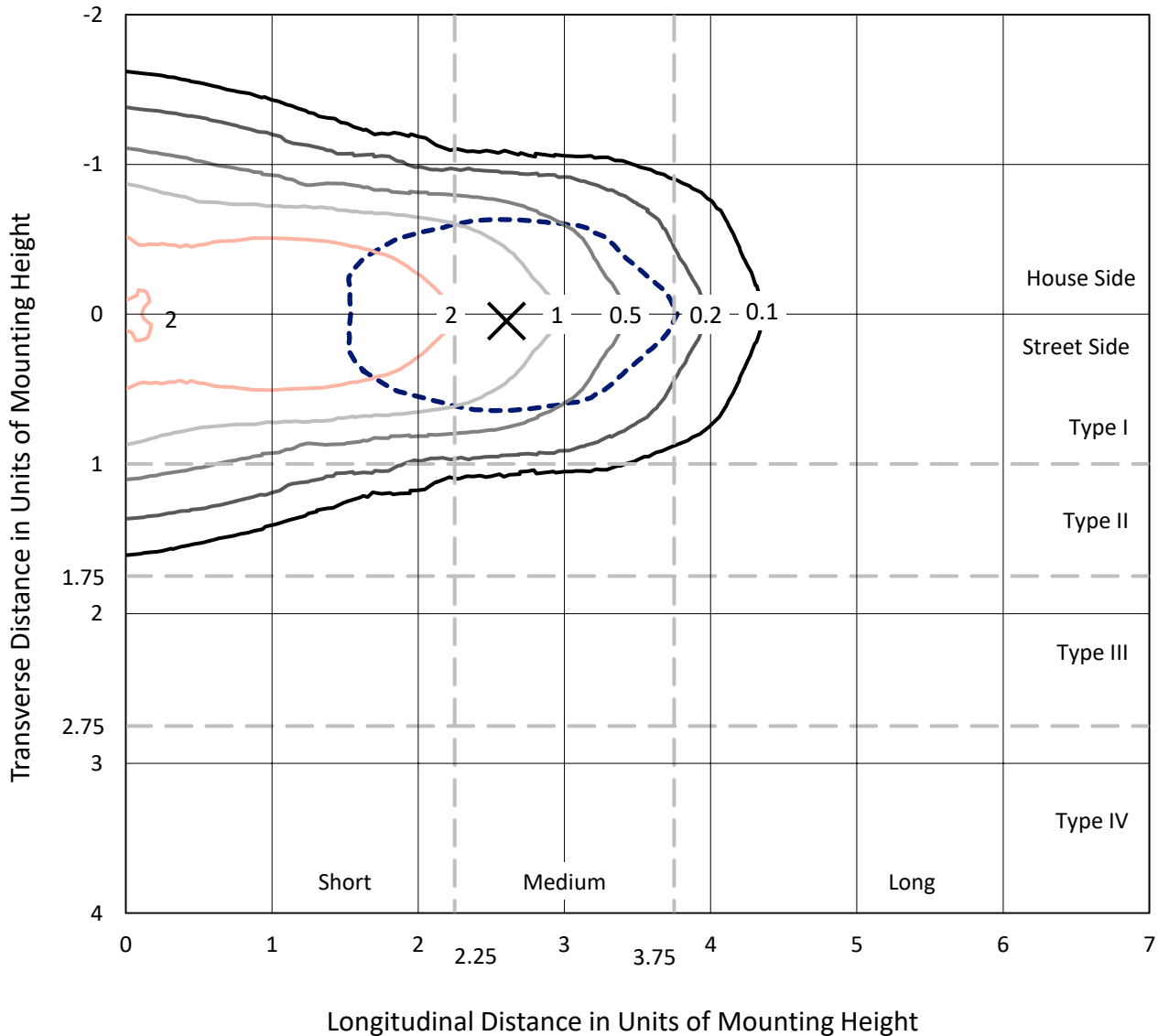
Input Watts (W): 126  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

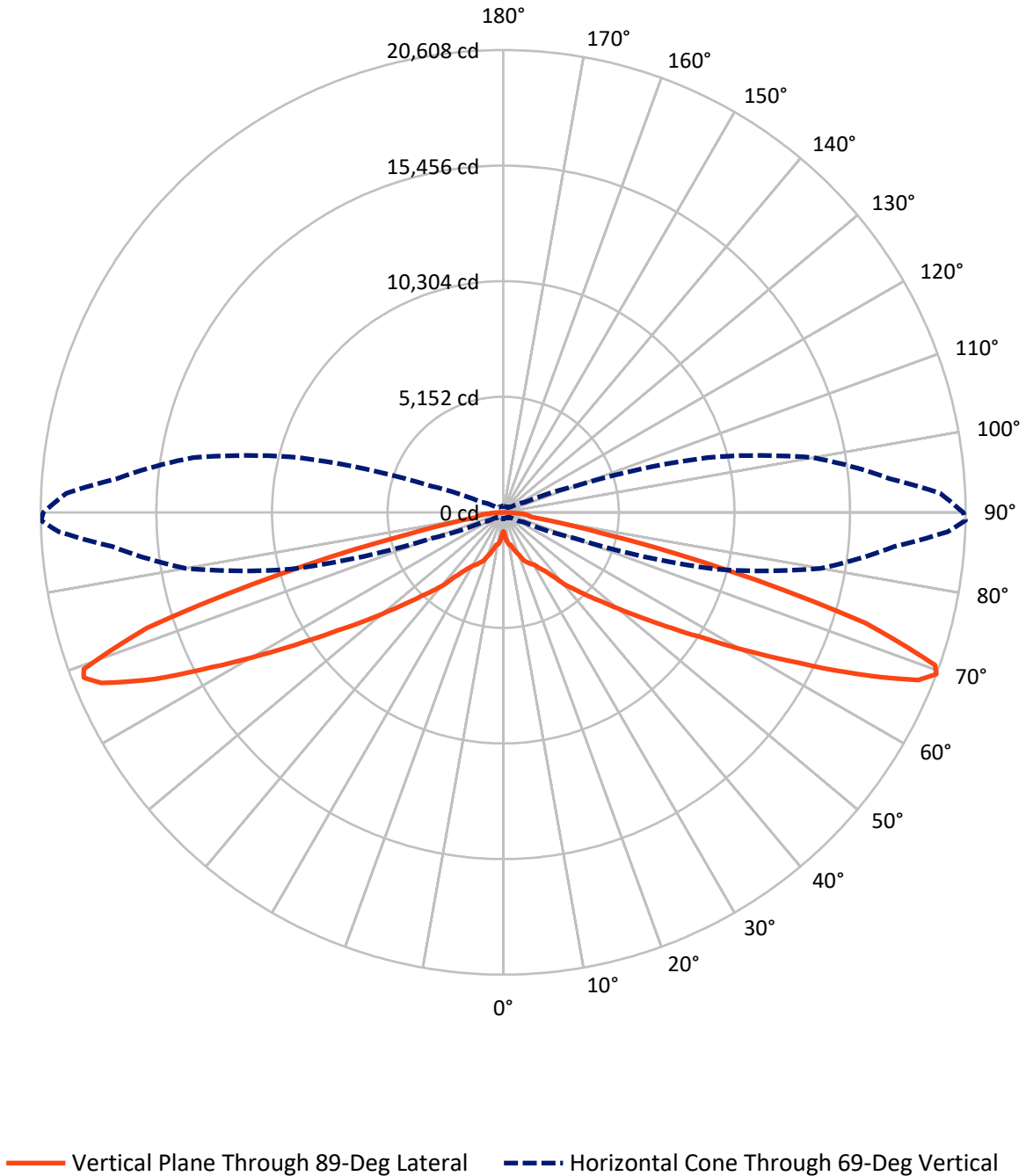
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc  
 Type I - Medium - N/A

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### Luminous Intensity Polar Plot



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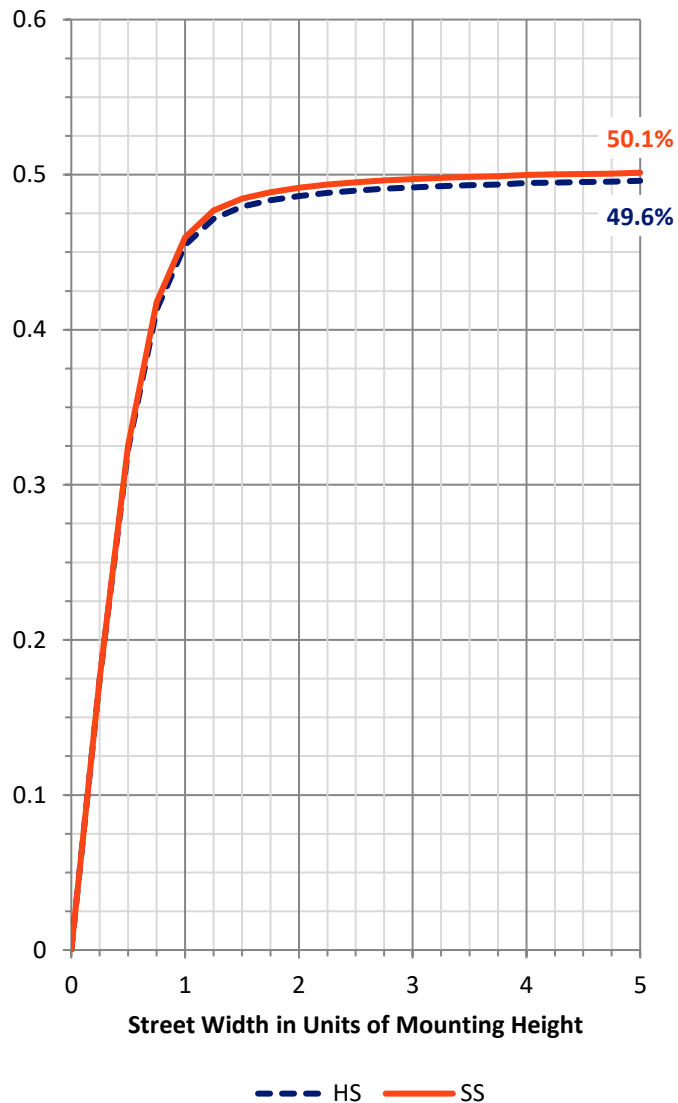
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6645.4   | 0.0    | 6645.4  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Street Side</b> | Lumens    | 6645.6   | 0.0    | 6645.6  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Total</b>       | Lumens    | 13291.0  | 0.0    | 13291.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 105.8   | 0.8       |
| 10°-20°   | 487.4   | 3.7       |
| 20°-30°   | 972.3   | 7.3       |
| 30°-40°   | 1470.6  | 11.1      |
| 40°-50°   | 2134.7  | 16.1      |
| 50°-60°   | 2804.6  | 21.1      |
| 60°-70°   | 3421.2  | 25.7      |
| 70°-80°   | 1729.6  | 13.0      |
| 80°-90°   | 164.9   | 1.2       |
| 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°    | 13291.0 | 100.0     |
| 0°-180°   | 13291.0 | 100.0     |

**Coefficient of Utilization**



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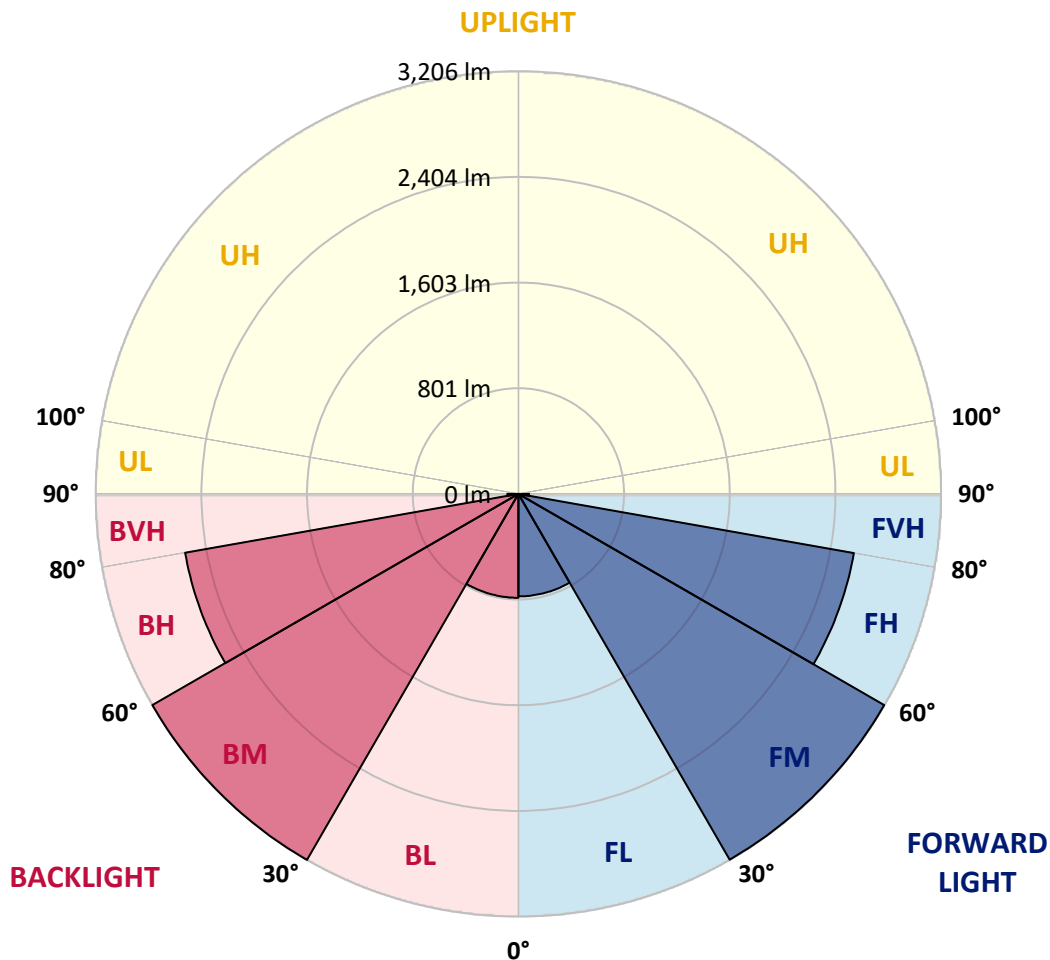
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 777.3  | 5.8       |                         |      |         |
| FM (30°-60°)   | 3203.9 | 24.1      |                         |      |         |
| FH (60°-80°)   | 2583.6 | 19.4      |                         |      | G2/5000 |
| FVH (80°-90°)  | 80.9   | 0.6       |                         |      | G1/100  |
| BL (0°-30°)    | 788.2  | 5.9       | B2/1000                 |      |         |
| BM (30°-60°)   | 3206.0 | 24.1      | B3/5000                 |      |         |
| BH (60°-80°)   | 2567.2 | 19.3      | B4/5000                 |      | G4/5000 |
| BVH (80°-90°)  | 84.0   | 0.6       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G4**

Type I Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°     | 80°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9   | 841.9   |
| 2.5°  | 987.9  | 874.0  | 864.1  | 836.9  | 856.7  | 864.1  | 846.8  | 822.0  | 849.3  | 864.1   | 836.9   |
| 5°    | 1245.4 | 1077.1 | 1020.1 | 973.1  | 879.0  | 839.4  | 879.0  | 980.5  | 992.9  | 1054.8  | 1037.5  |
| 7.5°  | 1371.7 | 1344.5 | 1272.7 | 1116.7 | 965.7  | 881.5  | 987.9  | 1134.0 | 1208.3 | 1267.7  | 1329.6  |
| 10°   | 1465.8 | 1451.0 | 1324.7 | 1213.3 | 1151.4 | 1156.3 | 1158.8 | 1205.8 | 1270.2 | 1369.2  | 1403.9  |
| 12.5° | 1488.1 | 1483.1 | 1503.0 | 1478.2 | 1483.1 | 1510.4 | 1483.1 | 1470.8 | 1507.9 | 1540.1  | 1505.4  |
| 15°   | 1631.7 | 1629.2 | 1636.7 | 1641.6 | 1740.7 | 1782.7 | 1740.7 | 1703.5 | 1676.3 | 1649.0  | 1706.0  |
| 17.5° | 1730.7 | 1718.4 | 1720.8 | 1767.9 | 1879.3 | 1995.7 | 1973.4 | 1923.9 | 1862.0 | 1899.1  | 1946.2  |
| 20°   | 1785.2 | 1762.9 | 1777.8 | 1797.6 | 1985.8 | 2114.5 | 2129.4 | 2062.5 | 2025.4 | 2072.4  | 2112.1  |
| 22.5° | 1837.2 | 1802.6 | 1750.6 | 1770.4 | 1943.7 | 2129.4 | 2201.2 | 2183.9 | 2211.1 | 2226.0  | 2218.5  |
| 25°   | 1775.3 | 1797.6 | 1740.7 | 1797.6 | 1973.4 | 2144.2 | 2287.9 | 2389.4 | 2391.8 | 2384.4  | 2438.9  |
| 27.5° | 1738.2 | 1720.8 | 1624.3 | 1770.4 | 1916.5 | 2022.9 | 2389.4 | 2560.2 | 2612.2 | 2453.7  | 2560.2  |
| 30°   | 1673.8 | 1701.0 | 1569.8 | 1691.1 | 1876.8 | 2055.1 | 2505.7 | 2750.9 | 2674.1 | 2654.3  | 2679.1  |
| 32.5° | 1634.2 | 1616.9 | 1554.9 | 1621.8 | 1762.9 | 2151.7 | 2580.0 | 2862.3 | 2958.9 | 2911.8  | 2906.9  |
| 35°   | 1569.8 | 1582.2 | 1485.6 | 1557.4 | 1755.5 | 2070.0 | 2629.5 | 3142.1 | 3290.6 | 3253.5  | 3223.8  |
| 37.5° | 1579.7 | 1537.6 | 1468.3 | 1520.3 | 1708.5 | 2114.5 | 2753.3 | 3412.0 | 3647.2 | 3667.0  | 3530.8  |
| 40°   | 1505.4 | 1480.7 | 1376.7 | 1463.3 | 1619.3 | 2087.3 | 2783.1 | 3719.0 | 4117.6 | 4206.8  | 4011.2  |
| 42.5° | 1399.0 | 1366.8 | 1307.3 | 1403.9 | 1567.3 | 1953.6 | 2825.2 | 4087.9 | 4595.5 | 4781.2  | 4602.9  |
| 45°   | 1245.4 | 1203.4 | 1173.6 | 1302.4 | 1453.4 | 1918.9 | 2780.6 | 4395.0 | 5053.6 | 5308.6  | 5303.7  |
| 47.5° | 1059.7 | 1032.5 | 1017.7 | 1153.8 | 1359.3 | 1832.3 | 2689.0 | 4588.1 | 5373.0 | 6026.7  | 5927.6  |
| 50°   | 849.3  | 829.5  | 827.0  | 970.6  | 1200.9 | 1654.0 | 2585.0 | 4684.7 | 5858.3 | 6685.3  | 6772.0  |
| 52.5° | 680.9  | 666.1  | 663.6  | 780.0  | 1005.3 | 1413.8 | 2367.1 | 4758.9 | 6321.3 | 7433.1  | 7878.7  |
| 55°   | 532.3  | 517.5  | 520.0  | 616.5  | 799.8  | 1156.3 | 2035.3 | 4674.8 | 6727.4 | 8198.1  | 9042.5  |
| 57.5° | 435.8  | 420.9  | 423.4  | 477.9  | 611.6  | 883.9  | 1621.8 | 4491.5 | 6910.6 | 9144.0  | 10399.3 |
| 60°   | 383.8  | 368.9  | 361.5  | 386.3  | 470.4  | 666.1  | 1205.8 | 3778.4 | 6940.3 | 9928.9  | 11872.6 |
| 62.5° | 356.5  | 341.7  | 334.3  | 341.7  | 388.7  | 510.1  | 869.1  | 2993.5 | 6769.5 | 10599.9 | 13222.0 |
| 65°   | 331.8  | 319.4  | 309.5  | 316.9  | 341.7  | 406.1  | 633.9  | 2050.2 | 5875.6 | 10906.9 | 14202.5 |
| 67.5° | 304.6  | 294.6  | 284.7  | 294.6  | 312.0  | 341.7  | 492.7  | 1297.4 | 4404.9 | 10508.3 | 14611.1 |
| 69°   | 289.7  | 274.8  | 269.9  | 277.3  | 294.6  | 314.5  | 425.9  | 1035.0 | 3350.1 | 9750.6  | 14363.5 |
| 70°   | 274.8  | 264.9  | 257.5  | 269.9  | 284.7  | 299.6  | 383.8  | 879.0  | 2627.1 | 8777.5  | 13749.4 |
| 72.5° | 242.7  | 235.2  | 230.3  | 242.7  | 255.0  | 264.9  | 314.5  | 626.4  | 1522.8 | 5977.1  | 10904.5 |
| 75°   | 212.9  | 205.5  | 203.0  | 212.9  | 222.8  | 227.8  | 264.9  | 430.8  | 898.8  | 3127.2  | 6541.7  |
| 77.5° | 178.3  | 168.4  | 170.8  | 183.2  | 190.7  | 193.1  | 222.8  | 309.5  | 529.9  | 1416.3  | 3030.7  |
| 80°   | 131.2  | 131.2  | 141.1  | 151.0  | 151.0  | 151.0  | 178.3  | 225.3  | 321.9  | 651.2   | 1257.8  |
| 82.5° | 91.6   | 94.1   | 96.6   | 111.4  | 113.9  | 104.0  | 136.2  | 163.4  | 200.6  | 284.7   | 435.8   |
| 85°   | 52.0   | 54.5   | 56.9   | 66.9   | 69.3   | 61.9   | 89.1   | 104.0  | 116.4  | 141.1   | 227.8   |
| 87.5° | 19.8   | 22.3   | 29.7   | 34.7   | 37.1   | 27.2   | 42.1   | 49.5   | 49.5   | 59.4    | 101.5   |
| 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):**

|       | 85°     | 87.5°   | 89°     | 90°     | 92.5°   | 95°     | 100°    | 105°    | 110°   | 115°   | 125°   |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 0°    | 841.9   | 841.9   | 841.9   | 841.9   | 841.9   | 841.9   | 841.9   | 841.9   | 841.9  | 841.9  | 841.9  |
| 2.5°  | 893.8   | 911.2   | 943.4   | 950.8   | 923.6   | 893.8   | 827.0   | 869.1   | 886.4  | 854.2  | 864.1  |
| 5°    | 1106.8  | 1143.9  | 1183.5  | 1136.5  | 1106.8  | 1087.0  | 1054.8  | 1057.3  | 1039.9 | 983.0  | 888.9  |
| 7.5°  | 1347.0  | 1304.9  | 1334.6  | 1366.8  | 1319.7  | 1322.2  | 1351.9  | 1290.0  | 1243.0 | 1146.4 | 970.6  |
| 10°   | 1458.4  | 1458.4  | 1465.8  | 1465.8  | 1446.0  | 1446.0  | 1443.5  | 1344.5  | 1287.5 | 1245.4 | 1195.9 |
| 12.5° | 1465.8  | 1463.3  | 1493.0  | 1470.8  | 1475.7  | 1480.7  | 1493.0  | 1537.6  | 1522.8 | 1468.3 | 1512.9 |
| 15°   | 1671.3  | 1661.4  | 1671.3  | 1668.8  | 1676.3  | 1698.6  | 1688.7  | 1678.8  | 1681.2 | 1720.8 | 1787.7 |
| 17.5° | 1864.5  | 1869.4  | 1859.5  | 1876.8  | 1876.8  | 1891.7  | 1926.4  | 1891.7  | 1862.0 | 1936.3 | 1988.3 |
| 20°   | 2087.3  | 2070.0  | 2030.3  | 2060.1  | 2067.5  | 2070.0  | 2126.9  | 2084.8  | 2042.7 | 2070.0 | 2131.9 |
| 22.5° | 2312.6  | 2310.1  | 2315.1  | 2317.6  | 2327.5  | 2290.3  | 2213.6  | 2201.2  | 2228.4 | 2191.3 | 2198.7 |
| 25°   | 2451.3  | 2453.7  | 2466.1  | 2468.6  | 2426.5  | 2466.1  | 2493.4  | 2411.7  | 2411.7 | 2404.2 | 2354.7 |
| 27.5° | 2619.6  | 2582.5  | 2597.4  | 2617.2  | 2599.8  | 2609.7  | 2577.6  | 2458.7  | 2585.0 | 2602.3 | 2404.2 |
| 30°   | 2733.5  | 2716.2  | 2698.9  | 2718.7  | 2736.0  | 2780.6  | 2689.0  | 2676.6  | 2686.5 | 2778.1 | 2518.1 |
| 32.5° | 2973.7  | 2998.5  | 2966.3  | 2934.1  | 2966.3  | 2956.4  | 2916.8  | 2899.4  | 3023.2 | 2901.9 | 2597.4 |
| 35°   | 3196.6  | 3206.5  | 3208.9  | 3204.0  | 3223.8  | 3189.1  | 3189.1  | 3253.5  | 3290.6 | 3159.4 | 2622.1 |
| 37.5° | 3733.9  | 3699.2  | 3627.4  | 3592.7  | 3654.6  | 3706.6  | 3553.1  | 3629.9  | 3615.0 | 3392.2 | 2807.8 |
| 40°   | 4120.1  | 4199.4  | 4221.6  | 4211.7  | 4221.6  | 4073.1  | 4105.3  | 4162.2  | 4095.4 | 3726.4 | 2743.4 |
| 42.5° | 4684.7  | 4734.2  | 4716.8  | 4694.6  | 4704.5  | 4677.2  | 4580.7  | 4791.1  | 4551.0 | 4100.3 | 2842.5 |
| 45°   | 5199.7  | 5311.1  | 5318.5  | 5241.8  | 5303.7  | 5207.1  | 5246.7  | 5321.0  | 5078.3 | 4380.1 | 2815.3 |
| 47.5° | 5813.7  | 6044.0  | 5957.3  | 5957.3  | 6019.2  | 5811.3  | 5905.3  | 6004.4  | 5360.6 | 4568.3 | 2666.7 |
| 50°   | 6722.4  | 6846.2  | 6841.3  | 6819.0  | 6846.2  | 6734.8  | 6720.0  | 6707.6  | 5793.9 | 4746.6 | 2575.1 |
| 52.5° | 7750.0  | 7918.4  | 7854.0  | 7878.7  | 7915.9  | 7705.4  | 7871.3  | 7418.2  | 6336.2 | 4813.4 | 2367.1 |
| 55°   | 9062.3  | 9178.7  | 9114.3  | 8988.0  | 9156.4  | 9022.7  | 9077.1  | 8193.2  | 6712.5 | 4622.8 | 2020.4 |
| 57.5° | 10624.7 | 10684.1 | 10577.6 | 10565.2 | 10676.7 | 10533.0 | 10441.4 | 9064.8  | 6908.1 | 4479.1 | 1614.4 |
| 60°   | 12449.5 | 12635.2 | 12568.3 | 12461.9 | 12563.4 | 12437.1 | 11743.8 | 9805.1  | 6868.5 | 3808.1 | 1250.4 |
| 62.5° | 14638.3 | 14826.5 | 14752.2 | 14680.4 | 14744.8 | 14415.5 | 12967.0 | 10389.4 | 6690.2 | 3018.3 | 913.7  |
| 65°   | 16445.8 | 17295.1 | 17406.5 | 17409.0 | 17097.0 | 16334.4 | 13942.5 | 10617.2 | 5749.4 | 2107.1 | 668.5  |
| 67.5° | 17634.3 | 19399.7 | 19949.4 | 19751.3 | 19035.8 | 17295.1 | 14336.2 | 10171.5 | 4439.5 | 1332.1 | 500.2  |
| 69°   | 17498.1 | 19813.2 | 20608.0 | 20496.6 | 19491.3 | 17280.2 | 14029.2 | 9421.3  | 3392.2 | 1059.7 | 423.4  |
| 70°   | 16869.2 | 19474.0 | 20417.4 | 20466.9 | 19201.6 | 16616.7 | 13482.0 | 8559.7  | 2743.4 | 903.8  | 388.7  |
| 72.5° | 13462.2 | 16047.2 | 16876.6 | 17201.0 | 15945.7 | 13306.2 | 11055.5 | 6039.0  | 1589.6 | 631.4  | 314.5  |
| 75°   | 8339.3  | 9730.8  | 10419.2 | 10607.3 | 9847.2  | 8287.3  | 6710.1  | 3360.0  | 968.1  | 445.7  | 264.9  |
| 77.5° | 3738.8  | 4142.4  | 4538.6  | 4538.6  | 4241.4  | 3783.4  | 3075.2  | 1624.3  | 549.7  | 316.9  | 222.8  |
| 80°   | 1252.9  | 1299.9  | 1265.3  | 1277.6  | 1228.1  | 1181.1  | 1235.5  | 700.7   | 339.2  | 237.7  | 180.8  |
| 82.5° | 851.8   | 1069.6  | 1136.5  | 1136.5  | 1067.2  | 841.9   | 475.4   | 321.9   | 208.0  | 170.8  | 138.7  |
| 85°   | 693.3   | 846.8   | 908.7   | 935.9   | 881.5   | 710.6   | 250.1   | 156.0   | 123.8  | 108.9  | 94.1   |
| 87.5° | 232.7   | 217.9   | 205.5   | 200.6   | 210.5   | 220.4   | 123.8   | 66.9    | 56.9   | 52.0   | 49.5   |
| 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):**

|       | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|
| 0°    | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  | 841.9  |
| 2.5°  | 881.5  | 851.8  | 864.1  | 876.5  | 965.7  | 1032.5 |
| 5°    | 876.5  | 918.6  | 1012.7 | 1131.5 | 1186.0 | 1319.7 |
| 7.5°  | 901.3  | 1054.8 | 1230.6 | 1354.4 | 1403.9 | 1446.0 |
| 10°   | 1205.8 | 1233.1 | 1292.5 | 1411.3 | 1510.4 | 1527.7 |
| 12.5° | 1557.4 | 1550.0 | 1507.9 | 1562.4 | 1512.9 | 1547.5 |
| 15°   | 1832.3 | 1750.6 | 1693.6 | 1686.2 | 1668.8 | 1668.8 |
| 17.5° | 1983.3 | 1911.5 | 1832.3 | 1812.5 | 1760.5 | 1802.6 |
| 20°   | 2161.6 | 2037.8 | 1839.7 | 1819.9 | 1802.6 | 1762.9 |
| 22.5° | 2126.9 | 2003.1 | 1797.6 | 1772.8 | 1864.5 | 1859.5 |
| 25°   | 2169.0 | 2003.1 | 1807.5 | 1780.3 | 1822.4 | 1822.4 |
| 27.5° | 2065.0 | 1928.8 | 1787.7 | 1624.3 | 1753.0 | 1782.7 |
| 30°   | 2037.8 | 1884.3 | 1720.8 | 1574.8 | 1706.0 | 1678.8 |
| 32.5° | 2181.4 | 1772.8 | 1611.9 | 1567.3 | 1663.9 | 1644.1 |
| 35°   | 2070.0 | 1753.0 | 1584.7 | 1503.0 | 1616.9 | 1597.0 |
| 37.5° | 2117.0 | 1728.3 | 1537.6 | 1468.3 | 1559.9 | 1589.6 |
| 40°   | 2107.1 | 1611.9 | 1483.1 | 1394.0 | 1485.6 | 1500.5 |
| 42.5° | 1941.2 | 1522.8 | 1391.5 | 1302.4 | 1349.4 | 1399.0 |
| 45°   | 1891.7 | 1468.3 | 1302.4 | 1178.6 | 1181.1 | 1238.0 |
| 47.5° | 1800.1 | 1344.5 | 1139.0 | 1025.1 | 1025.1 | 1072.1 |
| 50°   | 1646.6 | 1178.6 | 953.3  | 849.3  | 846.8  | 883.9  |
| 52.5° | 1418.8 | 1017.7 | 804.7  | 690.8  | 683.4  | 720.5  |
| 55°   | 1161.3 | 819.6  | 633.9  | 559.6  | 544.7  | 559.6  |
| 57.5° | 903.8  | 638.8  | 500.2  | 440.7  | 438.3  | 450.6  |
| 60°   | 700.7  | 500.2  | 398.6  | 364.0  | 368.9  | 388.7  |
| 62.5° | 529.9  | 398.6  | 339.2  | 326.8  | 334.3  | 354.1  |
| 65°   | 420.9  | 344.2  | 309.5  | 302.1  | 309.5  | 329.3  |
| 67.5° | 341.7  | 312.0  | 287.2  | 277.3  | 282.3  | 302.1  |
| 69°   | 314.5  | 294.6  | 274.8  | 262.5  | 267.4  | 282.3  |
| 70°   | 299.6  | 284.7  | 264.9  | 252.6  | 257.5  | 272.4  |
| 72.5° | 262.5  | 255.0  | 240.2  | 227.8  | 230.3  | 242.7  |
| 75°   | 230.3  | 225.3  | 215.4  | 200.6  | 200.6  | 215.4  |
| 77.5° | 193.1  | 195.6  | 185.7  | 170.8  | 168.4  | 175.8  |
| 80°   | 153.5  | 158.5  | 153.5  | 138.7  | 133.7  | 133.7  |
| 82.5° | 111.4  | 121.3  | 116.4  | 101.5  | 99.0   | 99.0   |
| 85°   | 69.3   | 76.8   | 74.3   | 64.4   | 64.4   | 56.9   |
| 87.5° | 32.2   | 42.1   | 39.6   | 34.7   | 32.2   | 22.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)