

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: P940549

Luminaire Tested: **GLAN-SB3C-930-U-T4FT**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P940549  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-930-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 15450 lumens  
Efficiency: N/A  
Efficacy: 103.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

Input Watts (W): 149.1  
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: 24 FT



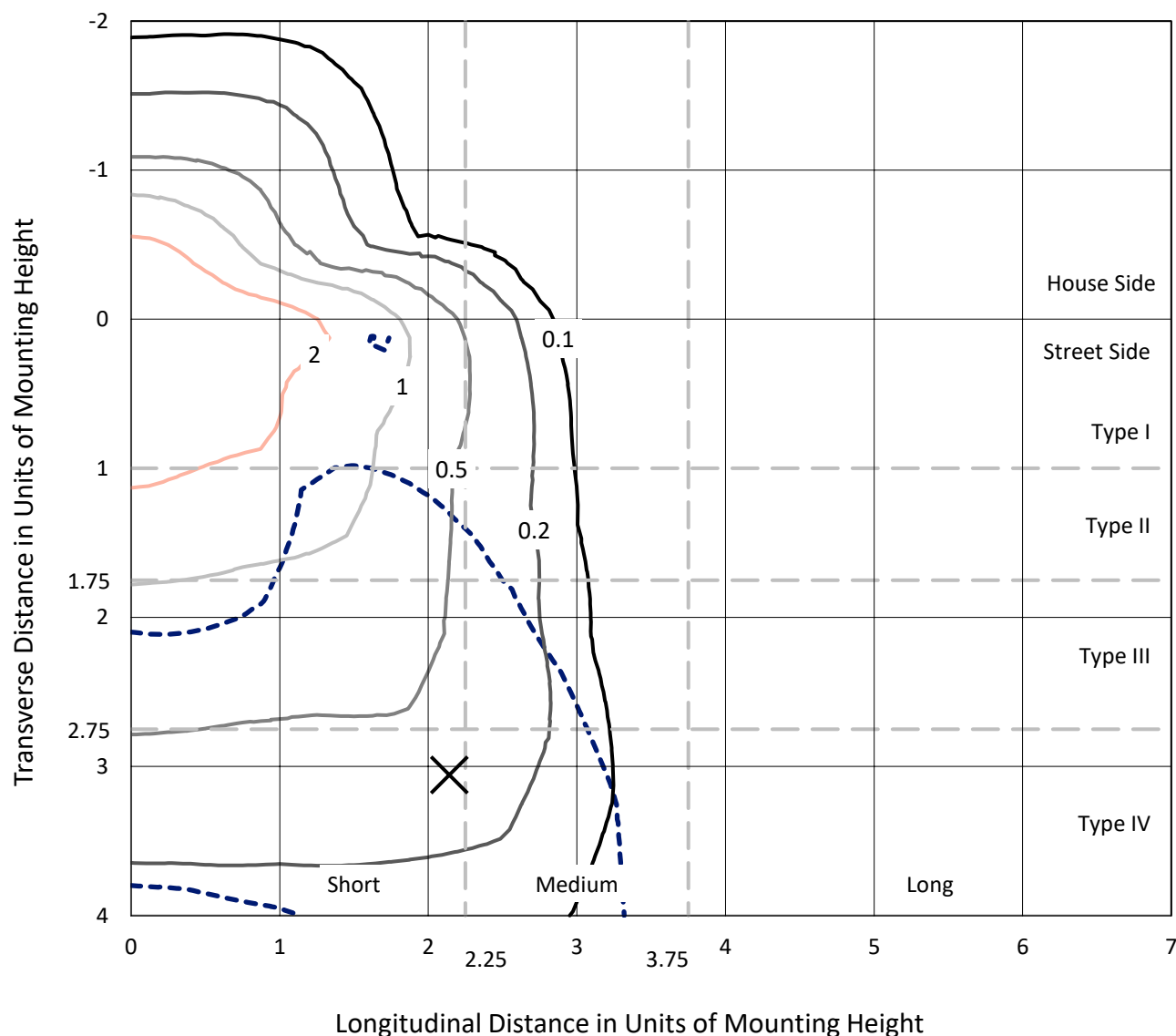
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

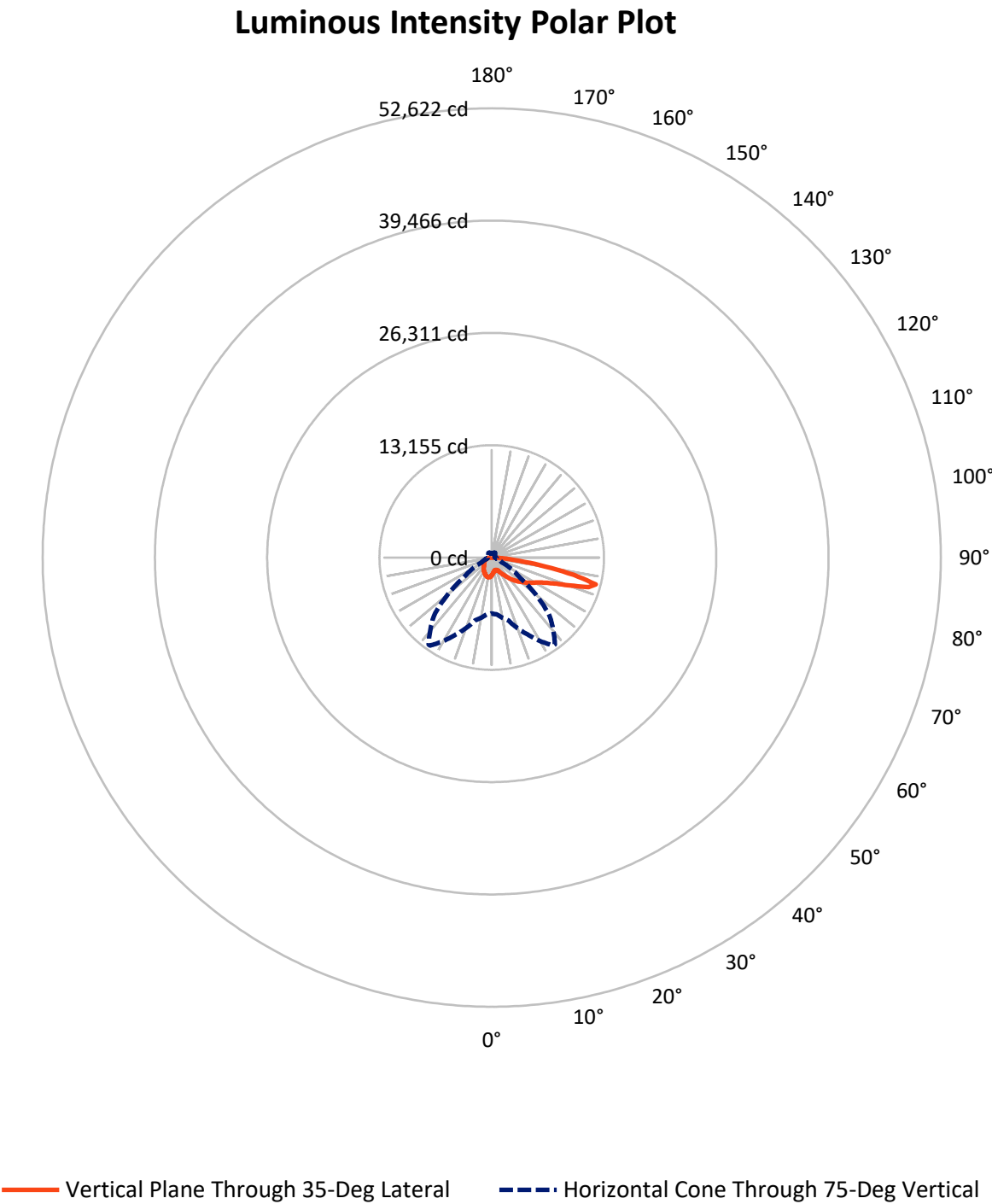
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc

Type IV - Short - N/A

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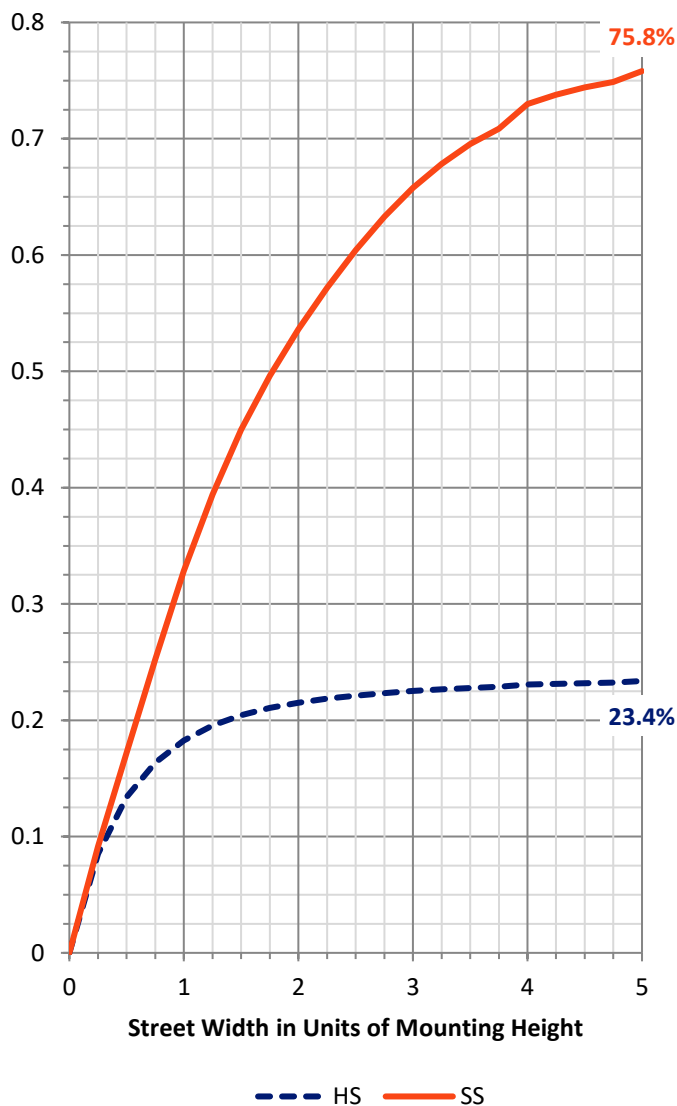
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3676.7   | 0.0    | 3676.7  |
|                    | % Fixture | 23.8     | 0.0    | 23.8    |
| <b>Street Side</b> | Lumens    | 11773.3  | 0.0    | 11773.3 |
|                    | % Fixture | 76.2     | 0.0    | 76.2    |
| <b>Total</b>       | Lumens    | 15450.0  | 0.0    | 15450.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 194.9   | 1.3       |
| 10°-20°   | 562.3   | 3.6       |
| 20°-30°   | 944.2   | 6.1       |
| 30°-40°   | 1467.4  | 9.5       |
| 40°-50°   | 2178.0  | 14.1      |
| 50°-60°   | 3006.9  | 19.5      |
| 60°-70°   | 3648.0  | 23.6      |
| 70°-80°   | 3014.8  | 19.5      |
| 80°-90°   | 433.6   | 2.8       |
| 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°    | 15450.0 | 100.0     |
| 0°-180°   | 15450.0 | 100.0     |

**Coefficient of Utilization**



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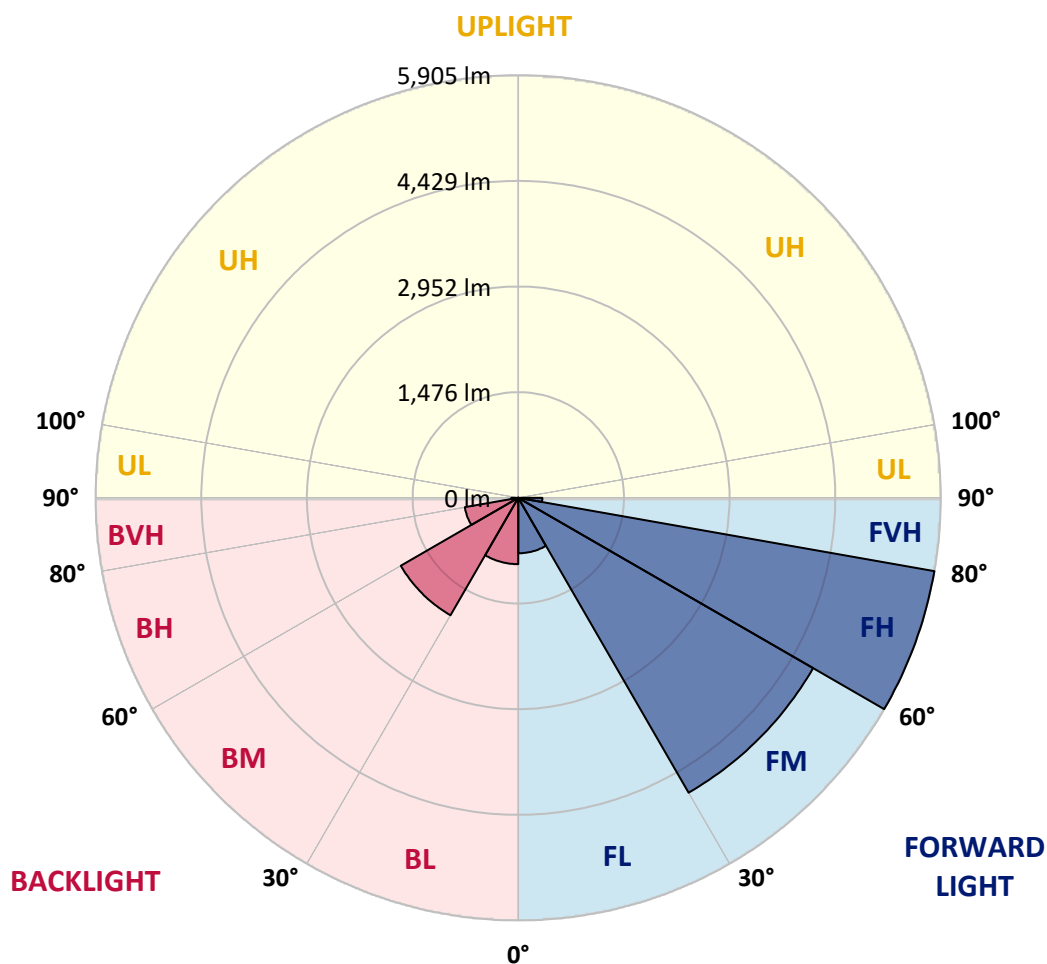
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 774.8  | 5.0       |                         |      |         |
| FM   | (30°-60°)   | 4757.8 | 30.8      |                         |      |         |
| FH   | (60°-80°)   | 5904.8 | 38.2      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 336.0  | 2.2       |                         |      | G3/500  |
| BL   | (0°-30°)    | 926.6  | 6.0       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1894.5 | 12.3      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 758.0  | 4.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 97.6   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°     | 36°     | 45°     | 55°    | 65°    | 75°    |
|-------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| 0°    | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8  | 2058.8  | 2058.8  | 2058.8 | 2058.8 | 2058.8 |
| 2.5°  | 1898.5 | 1910.1 | 1915.2 | 1912.7 | 1925.2  | 1923.5  | 1941.1  | 1962.8 | 1992.8 | 2022.1 |
| 5°    | 1752.3 | 1764.8 | 1775.7 | 1785.7 | 1809.9  | 1817.4  | 1845.0  | 1886.8 | 1941.9 | 1997.8 |
| 7.5°  | 1616.2 | 1627.0 | 1643.7 | 1662.1 | 1703.0  | 1710.5  | 1756.5  | 1821.6 | 1898.5 | 1980.3 |
| 10°   | 1505.1 | 1515.9 | 1533.5 | 1554.3 | 1605.3  | 1614.5  | 1672.9  | 1759.8 | 1860.0 | 1963.6 |
| 12.5° | 1457.5 | 1460.8 | 1470.8 | 1491.7 | 1536.0  | 1541.8  | 1606.1  | 1705.5 | 1822.4 | 1951.1 |
| 15°   | 1455.0 | 1461.6 | 1462.5 | 1473.3 | 1510.1  | 1512.6  | 1571.9  | 1670.4 | 1799.1 | 1948.6 |
| 17.5° | 1480.0 | 1485.0 | 1477.5 | 1484.2 | 1515.1  | 1519.3  | 1566.0  | 1653.7 | 1791.5 | 1959.4 |
| 20°   | 1546.8 | 1551.0 | 1528.5 | 1519.3 | 1541.8  | 1545.2  | 1591.1  | 1664.6 | 1799.1 | 1982.0 |
| 22.5° | 1688.8 | 1691.3 | 1636.2 | 1598.6 | 1600.3  | 1602.0  | 1642.0  | 1708.9 | 1828.3 | 2022.9 |
| 25°   | 1910.1 | 1908.5 | 1820.8 | 1748.1 | 1706.4  | 1697.2  | 1723.9  | 1780.7 | 1877.6 | 2077.2 |
| 27.5° | 2169.1 | 2156.5 | 2068.8 | 1960.3 | 1869.2  | 1855.9  | 1850.0  | 1874.2 | 1947.7 | 2149.0 |
| 30°   | 2461.4 | 2449.7 | 2355.3 | 2213.3 | 2087.2  | 2065.5  | 2010.4  | 1997.8 | 2052.1 | 2246.7 |
| 32.5° | 2782.1 | 2774.6 | 2661.8 | 2489.8 | 2321.1  | 2296.0  | 2203.3  | 2169.9 | 2212.5 | 2394.6 |
| 35°   | 3051.1 | 3044.4 | 2950.8 | 2773.8 | 2567.5  | 2536.6  | 2442.2  | 2404.6 | 2426.3 | 2584.2 |
| 37.5° | 3294.1 | 3290.8 | 3210.6 | 3071.1 | 2858.1  | 2820.5  | 2714.5  | 2701.9 | 2697.8 | 2833.9 |
| 40°   | 3519.6 | 3511.3 | 3427.7 | 3354.2 | 3196.4  | 3162.1  | 3068.6  | 3057.7 | 3026.0 | 3141.3 |
| 42.5° | 3769.3 | 3747.6 | 3626.5 | 3592.3 | 3549.7  | 3521.3  | 3465.3  | 3467.0 | 3396.8 | 3487.9 |
| 45°   | 3973.1 | 3960.6 | 3836.2 | 3816.1 | 3862.1  | 3850.4  | 3898.8  | 3911.3 | 3775.2 | 3851.2 |
| 47.5° | 4192.0 | 4180.3 | 4075.0 | 4060.8 | 4185.3  | 4188.6  | 4359.8  | 4364.0 | 4144.4 | 4228.7 |
| 50°   | 4461.7 | 4445.0 | 4340.6 | 4358.2 | 4497.7  | 4510.2  | 4823.4  | 4795.0 | 4484.3 | 4612.1 |
| 52.5° | 4639.6 | 4649.7 | 4627.1 | 4655.5 | 4845.9  | 4857.6  | 5279.4  | 5206.8 | 4820.9 | 4990.4 |
| 55°   | 4770.8 | 4790.8 | 4861.0 | 4926.1 | 5213.4  | 5225.1  | 5709.6  | 5598.5 | 5099.9 | 5341.2 |
| 57.5° | 4939.5 | 4911.1 | 5042.2 | 5169.2 | 5562.6  | 5593.5  | 6128.0  | 5976.0 | 5347.1 | 5643.6 |
| 60°   | 5181.7 | 5161.7 | 5263.6 | 5451.5 | 5953.4  | 6002.7  | 6570.7  | 6315.9 | 5528.3 | 5883.3 |
| 62.5° | 5672.8 | 5622.7 | 5638.6 | 5804.8 | 6446.2  | 6511.4  | 7070.1  | 6612.4 | 5618.5 | 5976.8 |
| 65°   | 6407.0 | 6320.9 | 6240.8 | 6356.0 | 7140.3  | 7204.6  | 7633.9  | 6845.5 | 5585.1 | 5795.6 |
| 67.5° | 7331.6 | 7246.4 | 7147.8 | 7256.4 | 8162.6  | 8213.6  | 8329.6  | 6976.6 | 5322.0 | 5097.3 |
| 70°   | 8094.1 | 8062.4 | 8180.1 | 8627.0 | 9795.5  | 9797.1  | 9221.7  | 6868.0 | 4601.2 | 3614.0 |
| 72.5° | 7993.1 | 7973.8 | 8594.4 | 9975.9 | 11853.4 | 11809.2 | 10066.1 | 6046.2 | 3099.5 | 1630.3 |
| 75°   | 6557.3 | 6681.8 | 7643.1 | 9951.6 | 12592.6 | 12586.8 | 9549.1  | 3843.7 | 1282.1 | 675.7  |
| 77.5° | 3516.3 | 3713.4 | 4962.0 | 7347.4 | 9830.5  | 9978.4  | 6713.5  | 1344.7 | 550.4  | 432.6  |
| 80°   | 1146.8 | 1318.8 | 1977.8 | 3740.9 | 6387.8  | 6360.2  | 2877.3  | 527.9  | 376.7  | 306.5  |
| 82.5° | 486.9  | 507.0  | 883.7  | 1766.5 | 3278.2  | 3227.3  | 916.2   | 303.2  | 264.8  | 209.6  |
| 85°   | 190.4  | 213.0  | 390.0  | 816.8  | 1419.9  | 1389.0  | 330.7   | 150.3  | 169.5  | 137.0  |
| 87.5° | 62.6   | 76.0   | 139.5  | 279.8  | 441.8   | 426.0   | 81.0    | 51.8   | 73.5   | 62.6   |
| 90°   | 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°    |       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2058.8 | 0°    | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 | 2058.8 |
| 2064.7 | 2.5°  | 2076.4 | 2089.7 | 2105.6 | 2129.0 | 2149.0 | 2165.7 | 2183.3 | 2194.1 | 2198.3 | 2210.8 |
| 2068.0 | 5°    | 2091.4 | 2120.6 | 2159.9 | 2198.3 | 2235.9 | 2258.4 | 2278.5 | 2288.5 | 2297.7 | 2304.4 |
| 2077.2 | 7.5°  | 2116.4 | 2154.0 | 2215.8 | 2266.0 | 2297.7 | 2316.1 | 2329.4 | 2326.1 | 2329.4 | 2331.1 |
| 2087.2 | 10°   | 2138.2 | 2190.8 | 2264.3 | 2311.9 | 2336.1 | 2336.9 | 2333.6 | 2321.9 | 2316.1 | 2316.9 |
| 2102.2 | 12.5° | 2164.1 | 2222.5 | 2301.9 | 2342.0 | 2348.6 | 2330.3 | 2316.1 | 2296.0 | 2288.5 | 2285.2 |
| 2124.8 | 15°   | 2199.1 | 2266.0 | 2342.8 | 2357.8 | 2341.1 | 2317.7 | 2293.5 | 2260.9 | 2244.2 | 2230.9 |
| 2163.2 | 17.5° | 2241.7 | 2315.2 | 2374.5 | 2363.7 | 2327.8 | 2289.3 | 2250.1 | 2200.8 | 2166.6 | 2152.4 |
| 2215.8 | 20°   | 2301.0 | 2367.0 | 2398.8 | 2351.1 | 2296.9 | 2238.4 | 2171.6 | 2111.4 | 2079.7 | 2065.5 |
| 2282.7 | 22.5° | 2372.9 | 2436.3 | 2422.1 | 2329.4 | 2252.6 | 2159.0 | 2075.5 | 2031.3 | 2015.4 | 2005.4 |
| 2368.7 | 25°   | 2458.9 | 2513.2 | 2438.8 | 2297.7 | 2179.9 | 2053.8 | 1989.5 | 1975.3 | 1967.8 | 1960.3 |
| 2473.9 | 27.5° | 2570.8 | 2600.0 | 2451.4 | 2250.9 | 2066.3 | 1941.9 | 1918.5 | 1921.0 | 1918.5 | 1906.0 |
| 2620.1 | 30°   | 2718.6 | 2712.8 | 2463.1 | 2174.9 | 1936.0 | 1840.8 | 1842.5 | 1853.4 | 1855.0 | 1846.7 |
| 2823.9 | 32.5° | 2913.2 | 2853.9 | 2468.9 | 2076.4 | 1811.6 | 1752.3 | 1754.0 | 1765.7 | 1774.0 | 1759.8 |
| 3090.3 | 35°   | 3148.8 | 3018.5 | 2459.7 | 1952.7 | 1715.5 | 1667.9 | 1655.4 | 1658.7 | 1661.3 | 1647.9 |
| 3413.5 | 37.5° | 3423.6 | 3203.1 | 2418.8 | 1815.8 | 1636.2 | 1585.2 | 1558.5 | 1536.0 | 1522.6 | 1510.1 |
| 3779.4 | 40°   | 3725.1 | 3404.4 | 2343.6 | 1682.1 | 1547.7 | 1497.5 | 1457.5 | 1414.9 | 1369.8 | 1353.1 |
| 4166.9 | 42.5° | 4040.8 | 3611.5 | 2252.6 | 1554.3 | 1445.8 | 1404.8 | 1362.2 | 1300.4 | 1232.8 | 1198.5 |
| 4569.5 | 45°   | 4368.2 | 3823.6 | 2163.2 | 1428.2 | 1341.4 | 1323.8 | 1274.5 | 1200.2 | 1126.7 | 1083.3 |
| 4972.9 | 47.5° | 4688.9 | 4024.1 | 2032.1 | 1301.3 | 1243.6 | 1262.9 | 1224.4 | 1155.9 | 1074.1 | 1005.6 |
| 5373.0 | 50°   | 4995.5 | 4212.0 | 1817.4 | 1172.6 | 1164.3 | 1244.5 | 1207.7 | 1109.2 | 1015.6 | 927.9  |
| 5765.5 | 52.5° | 5299.5 | 4364.0 | 1542.7 | 1055.7 | 1121.7 | 1239.5 | 1186.0 | 1077.4 | 963.0  | 871.1  |
| 6134.7 | 55°   | 5557.6 | 4442.5 | 1277.9 | 955.5  | 1059.9 | 1196.9 | 1160.1 | 1039.8 | 888.7  | 791.0  |
| 6387.8 | 57.5° | 5704.6 | 4379.1 | 1057.4 | 856.9  | 974.7  | 1126.7 | 1115.9 | 959.7  | 800.1  | 725.0  |
| 6437.0 | 60°   | 5641.1 | 4121.8 | 877.0  | 770.9  | 893.7  | 1050.7 | 1039.0 | 880.3  | 732.5  | 661.5  |
| 6173.1 | 62.5° | 5291.1 | 3631.5 | 734.2  | 695.7  | 820.2  | 973.0  | 962.2  | 819.4  | 680.7  | 612.2  |
| 5472.4 | 65°   | 4586.2 | 2954.2 | 623.1  | 633.1  | 745.9  | 879.5  | 895.4  | 768.4  | 639.8  | 573.0  |
| 4233.7 | 67.5° | 3497.9 | 2139.8 | 536.2  | 578.8  | 673.2  | 787.6  | 833.5  | 731.7  | 605.5  | 542.1  |
| 2449.7 | 70°   | 1993.7 | 1215.2 | 462.7  | 526.2  | 608.9  | 702.4  | 785.9  | 702.4  | 568.8  | 516.2  |
| 917.9  | 72.5° | 755.9  | 557.9  | 400.1  | 473.6  | 547.1  | 630.6  | 733.3  | 656.5  | 526.2  | 486.9  |
| 474.4  | 75°   | 403.4  | 339.9  | 336.6  | 411.8  | 476.1  | 560.4  | 667.3  | 611.4  | 494.5  | 514.5  |
| 328.2  | 77.5° | 274.8  | 240.5  | 281.5  | 352.5  | 398.4  | 482.8  | 597.2  | 542.9  | 428.5  | 426.8  |
| 227.2  | 80°   | 190.4  | 170.4  | 228.9  | 284.0  | 308.2  | 405.9  | 521.2  | 466.1  | 349.1  | 325.7  |
| 140.3  | 82.5° | 114.4  | 111.1  | 171.2  | 212.1  | 218.0  | 313.2  | 431.8  | 390.9  | 285.6  | 248.9  |
| 83.5   | 85°   | 62.6   | 66.0   | 109.4  | 124.4  | 127.0  | 218.8  | 338.3  | 302.3  | 219.7  | 184.6  |
| 30.1   | 87.5° | 17.5   | 22.6   | 40.1   | 49.3   | 61.0   | 113.6  | 201.3  | 179.6  | 110.2  | 76.8   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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| 180°   |
|--------|
| 2058.8 |
| 2210.0 |
| 2306.0 |
| 2333.6 |
| 2318.6 |
| 2283.5 |
| 2235.0 |
| 2153.2 |
| 2063.8 |
| 2007.0 |
| 1960.3 |
| 1908.5 |
| 1850.8 |
| 1766.5 |
| 1657.1 |
| 1518.4 |
| 1360.6 |
| 1202.7 |
| 1079.9 |
| 998.1  |
| 920.4  |
| 861.1  |
| 782.6  |
| 714.9  |
| 651.5  |
| 601.4  |
| 562.1  |
| 532.0  |
| 509.5  |
| 480.3  |
| 531.2  |
| 393.4  |
| 311.5  |
| 250.6  |
| 186.3  |
| 76.8   |
| 0.0    |