

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: P948184

Luminaire Tested: **GLAN-SB3B-760-U-T2U-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P948184  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-760-U-T2U-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 5700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II U  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 13661 lumens  
Efficiency: N/A  
Efficacy: 125.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

Input Watts (W): 109.2  
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

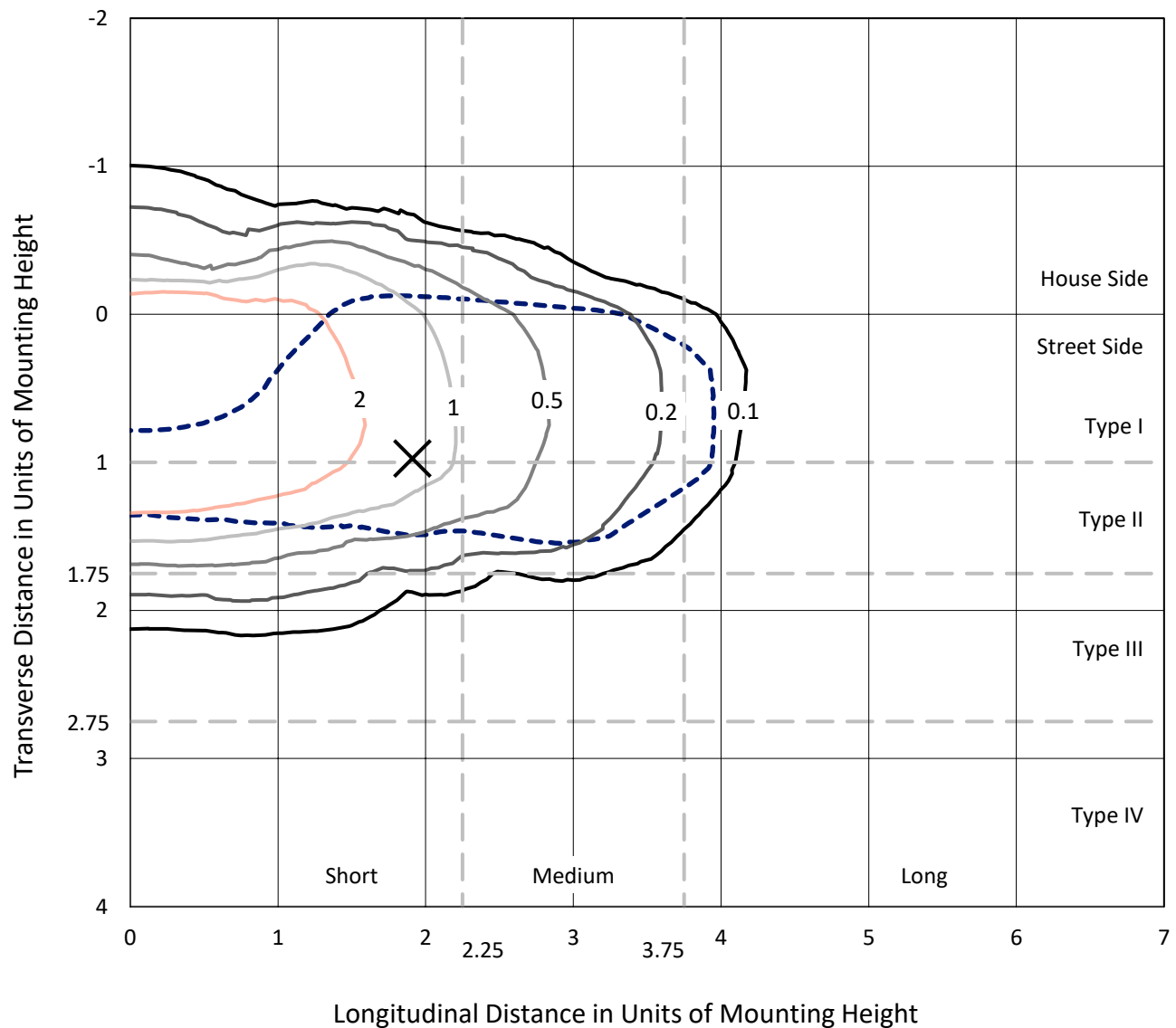


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## Iso-Footcandle Lines of Horizontal Illumination

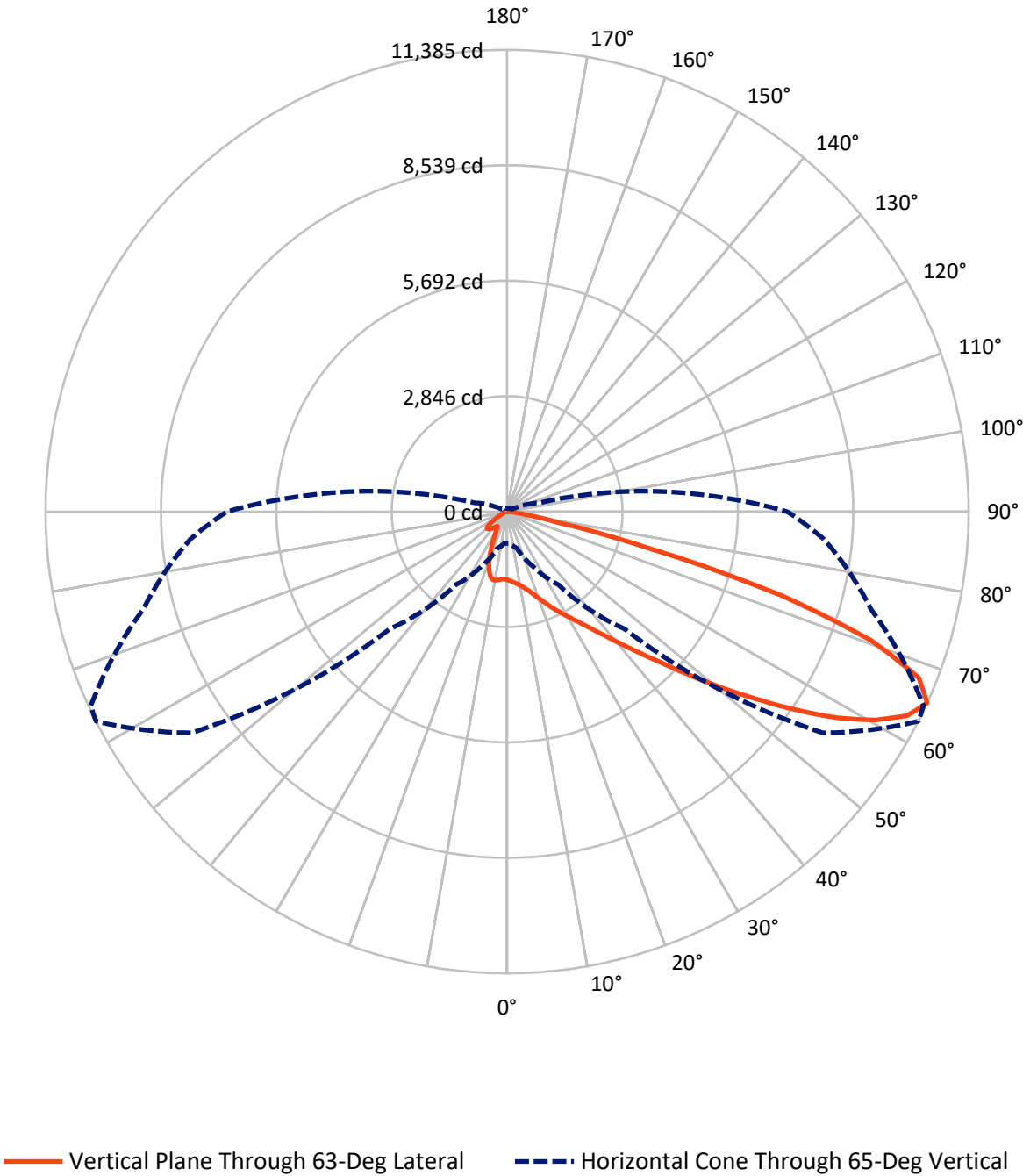
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc  
Type II - Short - N/A

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Luminous Intensity Polar Plot



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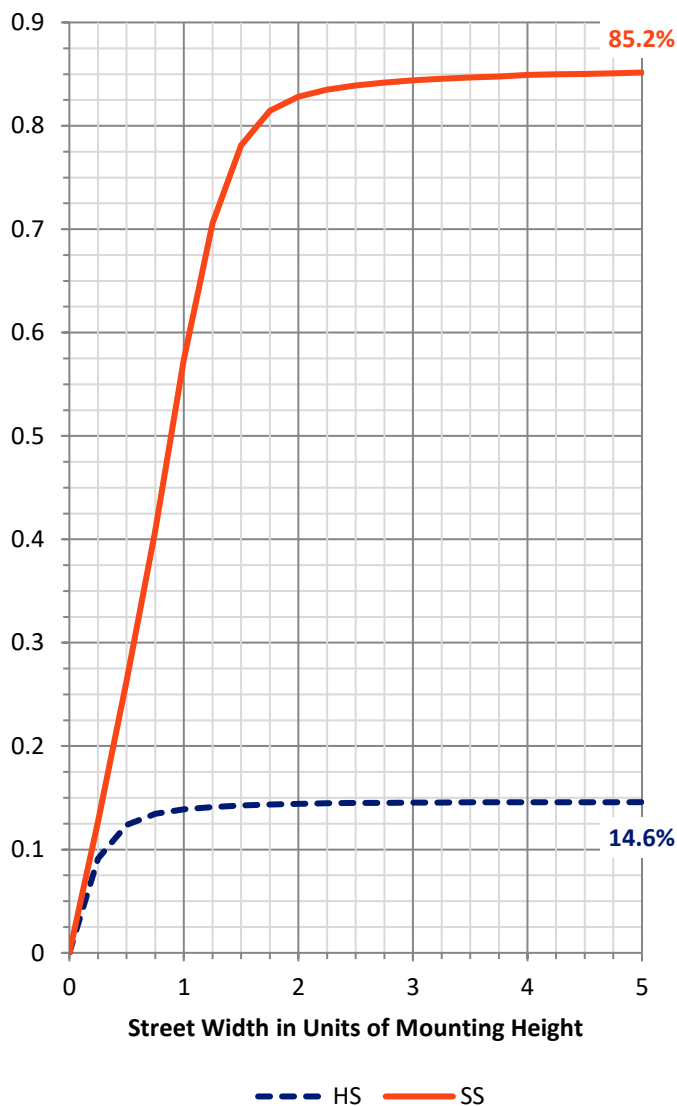
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2008.1   | 0.0    | 2008.1  |
|                    | % Fixture | 14.7     | 0.0    | 14.7    |
| <b>Street Side</b> | Lumens    | 11652.9  | 0.0    | 11652.9 |
|                    | % Fixture | 85.3     | 0.0    | 85.3    |
| <b>Total</b>       | Lumens    | 13661.0  | 0.0    | 13661.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 158.9   | 1.2       |
| 10°-20°   | 440.8   | 3.2       |
| 20°-30°   | 767.5   | 5.6       |
| 30°-40°   | 1383.3  | 10.1      |
| 40°-50°   | 2743.5  | 20.1      |
| 50°-60°   | 3737.2  | 27.4      |
| 60°-70°   | 2983.0  | 21.8      |
| 70°-80°   | 1349.9  | 9.9       |
| 80°-90°   | 97.0    | 0.7       |
| 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°    | 13661.0 | 100.0     |
| 0°-180°   | 13661.0 | 100.0     |

**Coefficient of Utilization**



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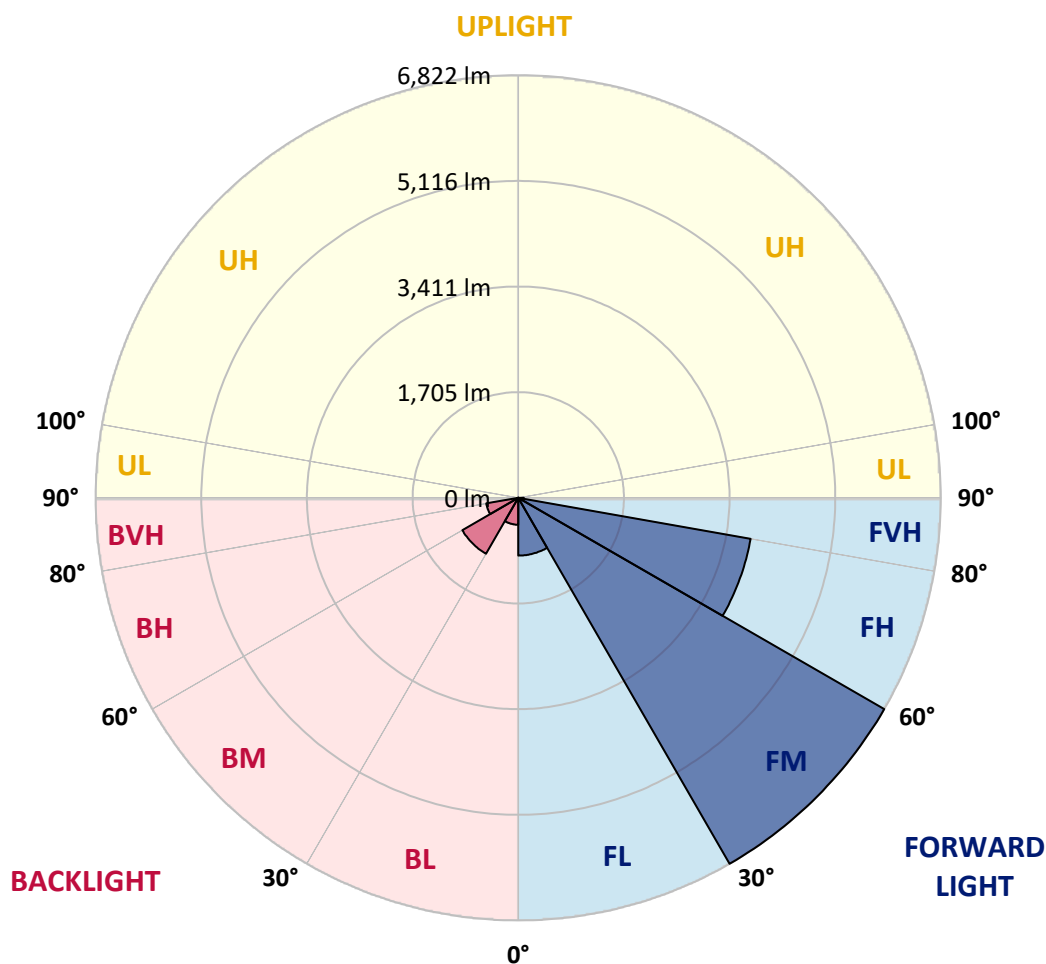
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 932.5  | 6.8       |                         |      |         |
| FM   | (30°-60°)   | 6822.0 | 49.9      |                         |      |         |
| FH   | (60°-80°)   | 3808.6 | 27.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 89.8   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 434.6  | 3.2       | B1/500                  |      |         |
| BM   | (30°-60°)   | 1042.1 | 7.6       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 524.2  | 3.8       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 7.2    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G2**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°     | 55°     | 63°     | 65°     | 75°    |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|--------|
| 0°    | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0  | 1686.0  | 1686.0  | 1686.0  | 1686.0 |
| 2.5°  | 1725.5 | 1720.8 | 1727.4 | 1724.6 | 1722.7 | 1718.9  | 1717.0  | 1715.2  | 1711.4  | 1708.6 |
| 5°    | 1730.2 | 1727.4 | 1734.0 | 1739.6 | 1745.2 | 1750.9  | 1753.7  | 1757.5  | 1753.7  | 1746.2 |
| 7.5°  | 1690.7 | 1688.8 | 1702.9 | 1719.9 | 1745.2 | 1766.8  | 1790.3  | 1803.5  | 1804.4  | 1801.6 |
| 10°   | 1687.9 | 1683.2 | 1697.3 | 1718.0 | 1750.9 | 1789.4  | 1830.8  | 1859.0  | 1862.7  | 1874.9 |
| 12.5° | 1732.1 | 1727.4 | 1747.1 | 1769.7 | 1803.5 | 1843.9  | 1894.7  | 1934.1  | 1939.8  | 1956.7 |
| 15°   | 1806.3 | 1799.7 | 1822.3 | 1851.4 | 1894.7 | 1940.7  | 1994.3  | 2030.0  | 2034.7  | 2055.4 |
| 17.5° | 1892.8 | 1886.2 | 1912.5 | 1943.5 | 1990.5 | 2053.5  | 2115.5  | 2155.0  | 2160.6  | 2173.8 |
| 20°   | 2003.7 | 1995.2 | 2015.9 | 2044.1 | 2093.9 | 2169.1  | 2243.3  | 2299.7  | 2298.8  | 2298.8 |
| 22.5° | 2132.4 | 2119.3 | 2137.1 | 2159.7 | 2206.7 | 2297.8  | 2396.5  | 2463.3  | 2463.3  | 2436.9 |
| 25°   | 2270.6 | 2257.4 | 2277.2 | 2297.8 | 2339.2 | 2442.6  | 2558.2  | 2640.9  | 2644.6  | 2599.5 |
| 27.5° | 2443.5 | 2426.6 | 2441.6 | 2466.1 | 2490.5 | 2595.8  | 2733.0  | 2828.8  | 2830.7  | 2761.2 |
| 30°   | 2776.2 | 2728.3 | 2681.3 | 2655.0 | 2666.3 | 2770.6  | 2917.2  | 3023.4  | 3032.8  | 2936.9 |
| 32.5° | 3385.2 | 3375.8 | 3210.4 | 2994.2 | 2881.5 | 2958.5  | 3123.0  | 3250.8  | 3256.5  | 3133.3 |
| 35°   | 4331.6 | 4320.3 | 4054.4 | 3642.7 | 3275.3 | 3210.4  | 3373.0  | 3524.3  | 3520.5  | 3381.4 |
| 37.5° | 5461.3 | 5450.9 | 5100.4 | 4549.6 | 3954.7 | 3591.0  | 3695.3  | 3854.2  | 3877.7  | 3695.3 |
| 40°   | 6426.4 | 6387.9 | 6166.1 | 5635.1 | 4857.0 | 4222.6  | 4154.0  | 4259.2  | 4283.7  | 4067.5 |
| 42.5° | 7157.6 | 7124.7 | 7011.9 | 6680.2 | 5949.0 | 5156.8  | 4694.4  | 4734.8  | 4762.0  | 4502.6 |
| 45°   | 7536.4 | 7528.8 | 7574.0 | 7542.9 | 7061.8 | 6303.3  | 5466.9  | 5298.7  | 5309.0  | 4984.8 |
| 47.5° | 7589.9 | 7586.2 | 7792.0 | 8083.3 | 8018.5 | 7596.5  | 6458.4  | 6001.6  | 5965.0  | 5528.9 |
| 50°   | 7274.2 | 7266.6 | 7661.4 | 8207.4 | 8657.6 | 8682.9  | 7584.3  | 6793.9  | 6713.1  | 6091.9 |
| 52.5° | 6265.7 | 6263.9 | 6912.3 | 7821.1 | 8882.2 | 9634.0  | 8697.0  | 7664.2  | 7528.8  | 6687.7 |
| 55°   | 4821.2 | 4856.0 | 5599.4 | 6673.6 | 8472.4 | 10091.7 | 9696.1  | 8630.3  | 8422.6  | 7287.3 |
| 57.5° | 3415.3 | 3466.0 | 4201.0 | 5157.7 | 7201.8 | 9821.1  | 10371.8 | 9598.3  | 9374.6  | 7885.0 |
| 60°   | 1834.5 | 1879.6 | 2615.5 | 3757.4 | 5357.9 | 8811.7  | 10728.0 | 10438.5 | 10227.1 | 8452.7 |
| 62.5° | 1093.0 | 1108.0 | 1412.5 | 2425.7 | 3623.9 | 6731.9  | 10576.7 | 11078.5 | 10904.7 | 8929.2 |
| 65°   | 784.7  | 787.6  | 940.8  | 1481.1 | 2200.1 | 4090.1  | 9515.6  | 11384.9 | 11331.3 | 9288.2 |
| 67.5° | 660.7  | 658.8  | 722.7  | 984.0  | 1499.0 | 2048.8  | 7293.0  | 10951.6 | 11179.1 | 9515.6 |
| 70°   | 566.7  | 569.5  | 644.7  | 720.8  | 1126.8 | 1159.7  | 3625.8  | 9535.3  | 10020.3 | 9575.8 |
| 72.5° | 422.0  | 431.4  | 500.9  | 656.9  | 850.5  | 797.9   | 1251.8  | 7070.2  | 7947.1  | 9022.2 |
| 75°   | 297.9  | 302.6  | 352.4  | 552.6  | 634.4  | 580.8   | 639.1   | 3654.9  | 4779.0  | 6917.0 |
| 77.5° | 229.3  | 237.8  | 266.9  | 386.3  | 625.0  | 407.9   | 391.0   | 1265.0  | 1943.5  | 4178.4 |
| 80°   | 124.1  | 139.1  | 192.7  | 279.1  | 438.9  | 288.5   | 193.6   | 503.7   | 658.8   | 1953.9 |
| 82.5° | 63.9   | 71.4   | 134.4  | 201.1  | 250.0  | 251.9   | 95.9    | 209.6   | 271.6   | 603.4  |
| 85°   | 25.4   | 31.0   | 90.2   | 110.9  | 128.8  | 124.1   | 43.2    | 84.6    | 97.7    | 167.3  |
| 87.5° | 5.6    | 9.4    | 32.9   | 25.4   | 24.4   | 26.3    | 10.3    | 19.7    | 18.8    | 19.7   |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1686.0 | 0°    | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 | 1686.0 |
| 1697.3 | 2.5°  | 1696.4 | 1692.6 | 1682.3 | 1671.0 | 1657.8 | 1650.3 | 1645.6 | 1644.7 | 1638.1 | 1633.4 |
| 1734.9 | 5°    | 1724.6 | 1720.8 | 1701.1 | 1677.6 | 1652.2 | 1632.5 | 1613.7 | 1596.7 | 1572.3 | 1567.6 |
| 1789.4 | 7.5°  | 1780.9 | 1770.6 | 1738.7 | 1706.7 | 1658.8 | 1601.4 | 1531.9 | 1452.0 | 1380.6 | 1359.0 |
| 1861.8 | 10°   | 1850.5 | 1836.4 | 1796.0 | 1739.6 | 1633.4 | 1477.4 | 1309.2 | 1153.2 | 1029.1 | 994.3  |
| 1947.3 | 12.5° | 1929.4 | 1917.2 | 1863.7 | 1759.3 | 1527.2 | 1244.3 | 986.8  | 793.2  | 672.9  | 642.8  |
| 2038.5 | 15°   | 2023.4 | 2005.6 | 1931.3 | 1729.3 | 1337.4 | 945.5  | 677.6  | 562.9  | 519.7  | 514.1  |
| 2142.8 | 17.5° | 2123.0 | 2093.9 | 1991.5 | 1621.2 | 1081.7 | 672.0  | 523.5  | 490.6  | 471.8  | 466.1  |
| 2248.0 | 20°   | 2214.2 | 2176.6 | 2027.2 | 1457.7 | 808.2  | 523.5  | 469.0  | 447.4  | 430.4  | 423.9  |
| 2353.3 | 22.5° | 2305.4 | 2251.8 | 2027.2 | 1234.9 | 606.2  | 464.3  | 430.4  | 410.7  | 391.0  | 382.5  |
| 2466.1 | 25°   | 2400.3 | 2328.9 | 1991.5 | 986.8  | 487.8  | 425.7  | 393.8  | 372.2  | 355.2  | 344.9  |
| 2573.2 | 27.5° | 2492.4 | 2393.7 | 1909.7 | 751.9  | 434.2  | 391.9  | 359.9  | 339.3  | 323.3  | 315.8  |
| 2689.7 | 30°   | 2579.8 | 2457.6 | 1795.0 | 570.5  | 399.4  | 359.0  | 328.9  | 311.1  | 295.1  | 287.6  |
| 2841.1 | 32.5° | 2698.2 | 2538.4 | 1672.9 | 468.0  | 369.3  | 328.0  | 300.7  | 283.8  | 269.7  | 264.1  |
| 3037.5 | 35°   | 2862.7 | 2657.8 | 1567.6 | 459.6  | 344.0  | 302.6  | 275.4  | 259.4  | 245.3  | 240.6  |
| 3291.2 | 37.5° | 3095.7 | 2850.5 | 1512.2 | 516.0  | 323.3  | 280.1  | 254.7  | 237.8  | 224.6  | 220.9  |
| 3613.6 | 40°   | 3383.3 | 3111.7 | 1542.2 | 572.3  | 309.2  | 260.3  | 235.9  | 219.0  | 207.7  | 203.0  |
| 3983.9 | 42.5° | 3724.5 | 3434.1 | 1708.6 | 615.6  | 299.8  | 243.4  | 218.0  | 199.2  | 191.7  | 189.8  |
| 4404.0 | 45°   | 4116.4 | 3788.4 | 1963.3 | 661.6  | 284.8  | 227.4  | 200.2  | 186.1  | 180.4  | 179.5  |
| 4860.7 | 47.5° | 4561.9 | 4177.5 | 2258.4 | 719.0  | 269.7  | 212.4  | 186.1  | 176.7  | 172.0  | 170.1  |
| 5337.2 | 50°   | 5003.6 | 4569.4 | 2561.9 | 750.9  | 257.5  | 198.3  | 174.8  | 167.3  | 163.5  | 162.6  |
| 5840.9 | 52.5° | 5466.0 | 4972.6 | 2807.2 | 720.8  | 247.2  | 187.0  | 165.4  | 159.8  | 156.0  | 155.1  |
| 6305.2 | 55°   | 5906.7 | 5298.7 | 2849.5 | 611.8  | 226.5  | 175.7  | 155.1  | 152.2  | 147.6  | 147.6  |
| 6776.1 | 57.5° | 6286.4 | 5462.2 | 2550.7 | 449.2  | 205.8  | 158.8  | 144.7  | 141.9  | 138.2  | 137.2  |
| 7200.9 | 60°   | 6635.1 | 5415.2 | 1968.9 | 302.6  | 183.3  | 141.9  | 131.6  | 129.7  | 125.9  | 121.2  |
| 7570.2 | 62.5° | 6831.5 | 5208.4 | 1346.8 | 197.4  | 160.7  | 124.1  | 116.5  | 115.6  | 107.1  | 97.7   |
| 7843.7 | 65°   | 6905.8 | 4783.7 | 840.2  | 143.8  | 134.4  | 106.2  | 100.6  | 98.7   | 86.5   | 76.1   |
| 7998.8 | 67.5° | 6840.9 | 4084.4 | 423.9  | 113.7  | 106.2  | 88.3   | 82.7   | 82.7   | 74.2   | 64.8   |
| 7989.4 | 70°   | 6581.5 | 3061.9 | 178.6  | 91.2   | 81.8   | 67.7   | 67.7   | 71.4   | 63.0   | 52.6   |
| 7574.9 | 72.5° | 6018.6 | 2060.1 | 94.9   | 69.5   | 61.1   | 47.9   | 55.4   | 58.3   | 49.8   | 39.5   |
| 6200.0 | 75°   | 4784.6 | 1256.5 | 65.8   | 51.7   | 38.5   | 33.8   | 42.3   | 44.2   | 33.8   | 26.3   |
| 4250.8 | 77.5° | 3272.4 | 721.8  | 44.2   | 32.9   | 24.4   | 19.7   | 29.1   | 27.3   | 17.9   | 12.2   |
| 1639.0 | 80°   | 1437.0 | 300.7  | 25.4   | 15.0   | 9.4    | 7.5    | 10.3   | 7.5    | 5.6    | 3.8    |
| 224.6  | 82.5° | 168.2  | 70.5   | 9.4    | 5.6    | 3.8    | 1.9    | 0.9    | 0.0    | 0.0    | 0.0    |
| 68.6   | 85°   | 34.8   | 8.5    | 4.7    | 1.9    | 0.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 12.2   | 87.5° | 6.6    | 1.9    | 0.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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°   |
|--------|
| 1686.0 |
| 1638.1 |
| 1565.7 |
| 1348.6 |
| 981.2  |
| 634.4  |
| 508.4  |
| 463.3  |
| 420.1  |
| 377.8  |
| 341.2  |
| 315.8  |
| 288.5  |
| 264.1  |
| 240.6  |
| 219.9  |
| 202.1  |
| 189.8  |
| 178.6  |
| 170.1  |
| 162.6  |
| 155.1  |
| 146.6  |
| 136.3  |
| 120.3  |
| 95.9   |
| 75.2   |
| 63.9   |
| 51.7   |
| 39.5   |
| 25.4   |
| 13.2   |
| 3.8    |
| 0.0    |
| 0.0    |
| 0.0    |
| 0.0    |