

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: P952237

Luminaire Tested: **GLAN-SB6A-927-U-T2U-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P952237  
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-SB6A-927-U-T2U-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 2700K, 350mA 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: 12654 lumens  
Efficiency: N/A  
Efficacy: 74.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G2

Input Watts (W): 170.9  
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



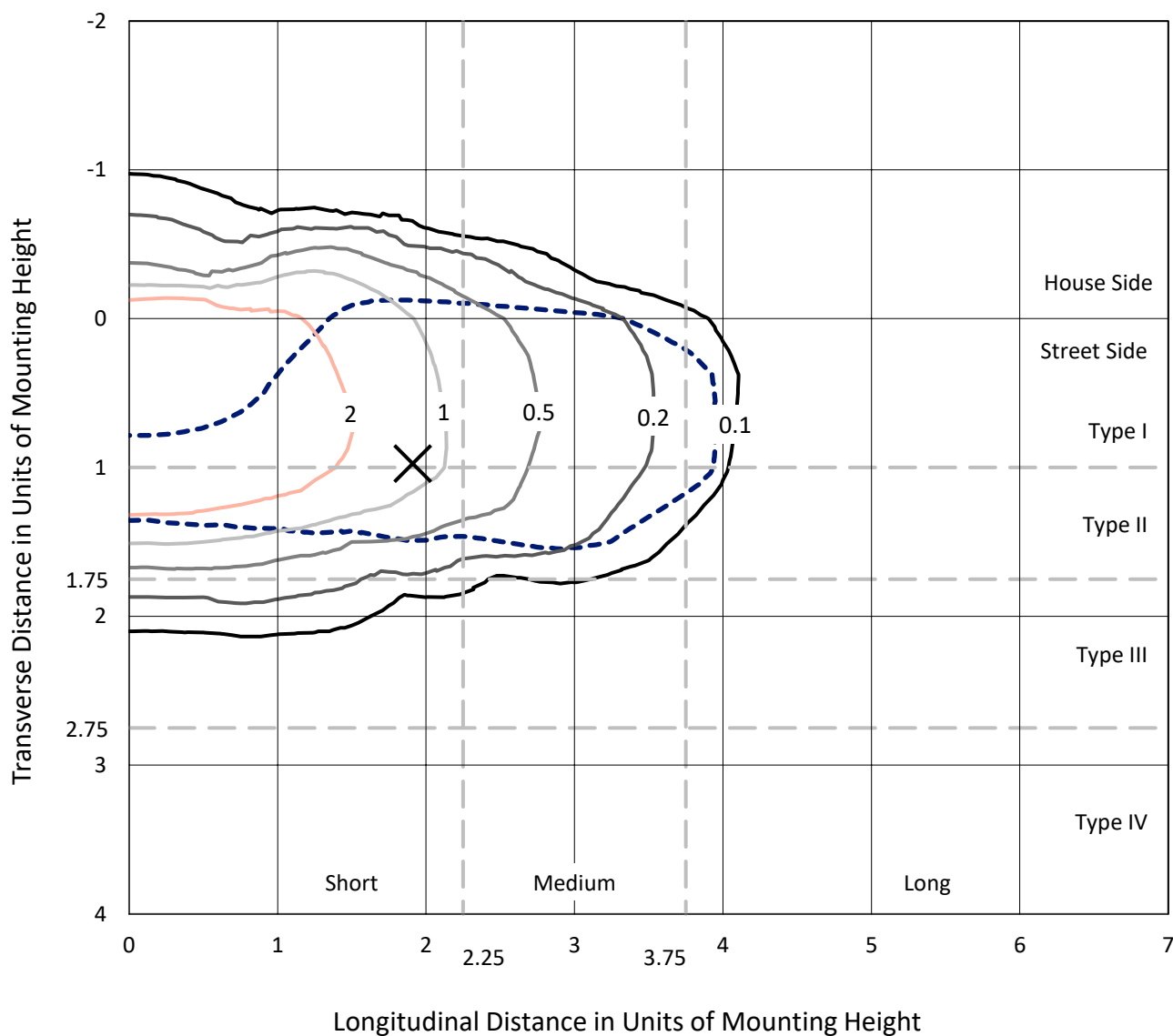
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

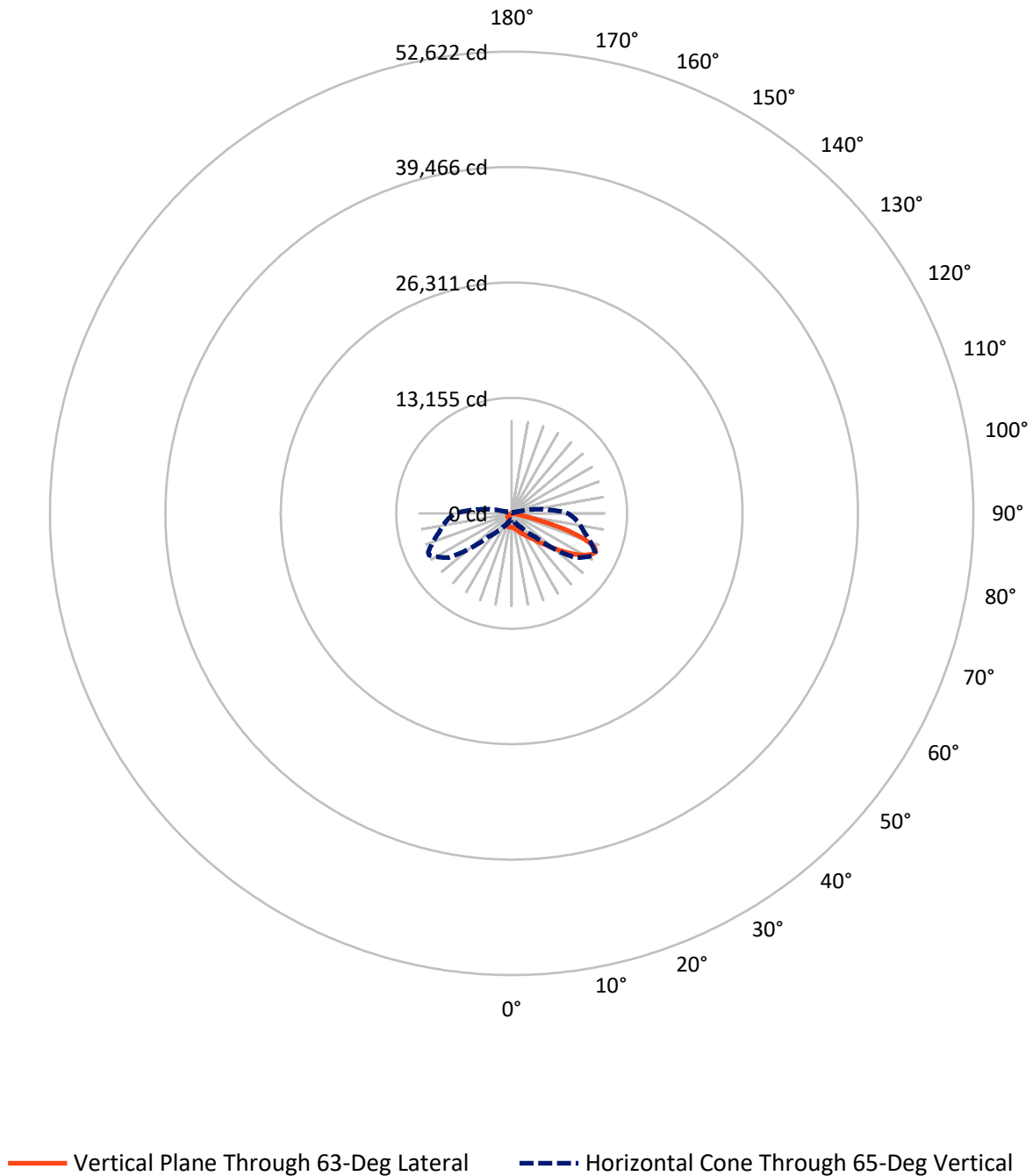


Based on 25 foot mounting height. Maximum calculated value = 4.3 fc

Type II - Short - N/A

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## Luminous Intensity Polar Plot



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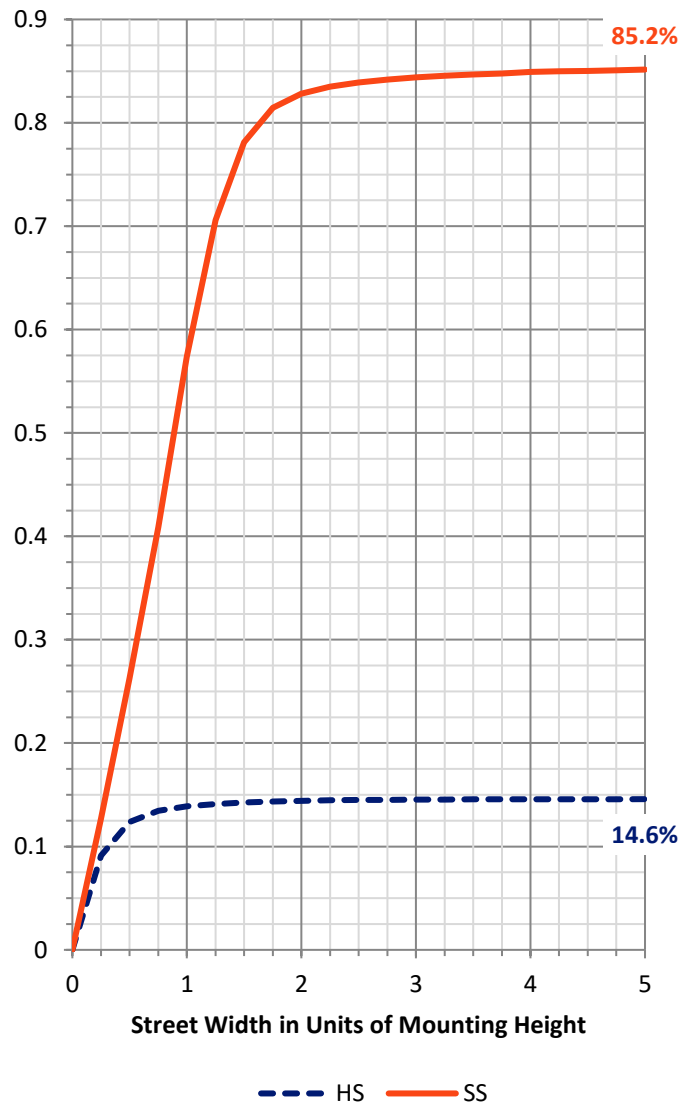
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1860.0   | 0.0    | 1860.0  |
|                    | % Fixture | 14.7     | 0.0    | 14.7    |
| <b>Street Side</b> | Lumens    | 10794.0  | 0.0    | 10794.0 |
|                    | % Fixture | 85.3     | 0.0    | 85.3    |
| <b>Total</b>       | Lumens    | 12654.0  | 0.0    | 12654.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 147.1   | 1.2       |
| 10°-20°   | 408.3   | 3.2       |
| 20°-30°   | 710.9   | 5.6       |
| 30°-40°   | 1281.3  | 10.1      |
| 40°-50°   | 2541.3  | 20.1      |
| 50°-60°   | 3461.7  | 27.4      |
| 60°-70°   | 2763.1  | 21.8      |
| 70°-80°   | 1250.4  | 9.9       |
| 80°-90°   | 89.9    | 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°    | 12654.0 | 100.0     |
| 0°-180°   | 12654.0 | 100.0     |

**Coefficient of Utilization**



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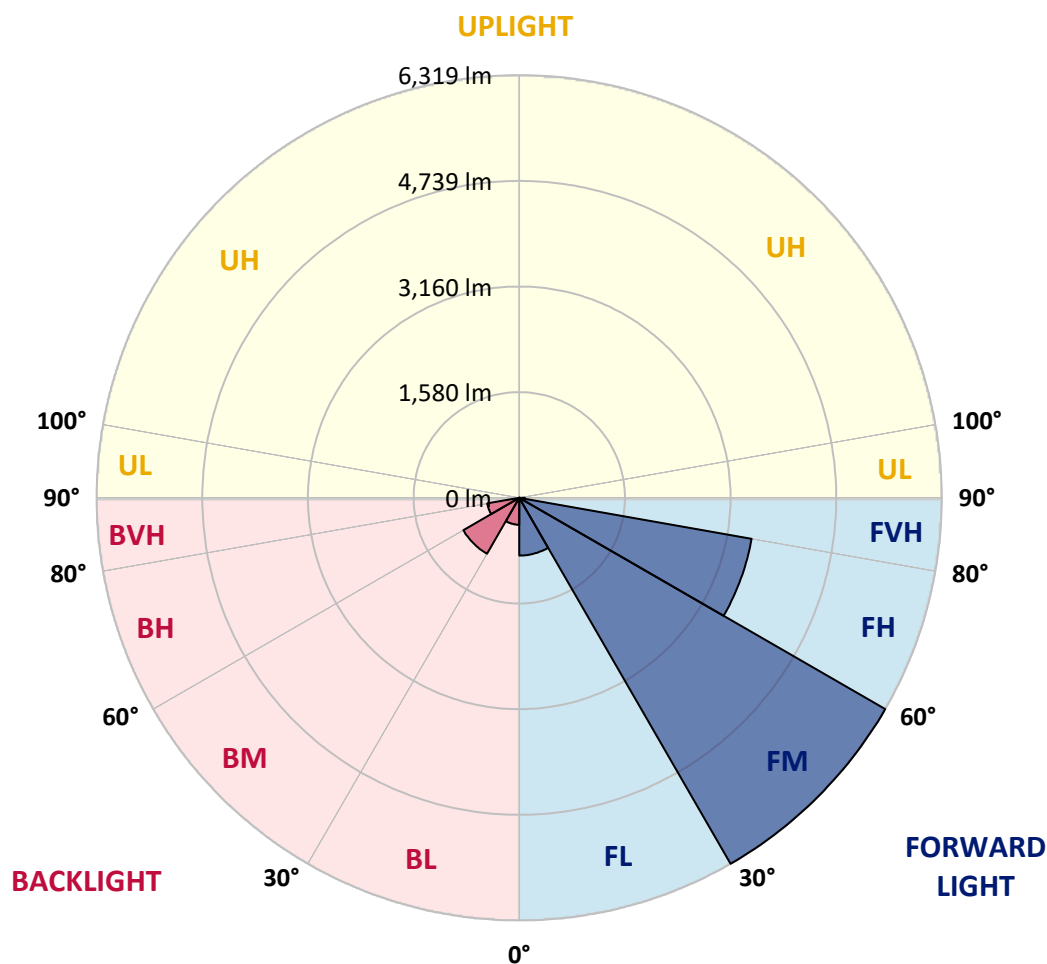
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 863.8  | 6.8       |                         |      |         |
| FM   | (30°-60°)   | 6319.1 | 49.9      |                         |      |         |
| FH   | (60°-80°)   | 3527.9 | 27.9      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 83.2   | 0.7       |                         |      | G1/100  |
| BL   | (0°-30°)    | 402.5  | 3.2       | B1/500                  |      |         |
| BM   | (30°-60°)   | 965.2  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 485.6  | 3.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 6.7    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 63°     | 65°     | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|
| 0°    | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7  | 1561.7  | 1561.7 |
| 2.5°  | 1598.3 | 1594.0 | 1600.0 | 1597.4 | 1595.7 | 1592.2 | 1590.5 | 1588.7  | 1585.2  | 1582.6 |
| 5°    | 1602.7 | 1600.0 | 1606.1 | 1611.4 | 1616.6 | 1621.8 | 1624.4 | 1627.9  | 1624.4  | 1617.5 |
| 7.5°  | 1566.1 | 1564.4 | 1577.4 | 1593.1 | 1616.6 | 1636.6 | 1658.4 | 1670.6  | 1671.4  | 1668.8 |
| 10°   | 1563.5 | 1559.1 | 1572.2 | 1591.3 | 1621.8 | 1657.5 | 1695.8 | 1721.9  | 1725.4  | 1736.7 |
| 12.5° | 1604.4 | 1600.0 | 1618.3 | 1639.2 | 1670.6 | 1708.0 | 1755.0 | 1791.6  | 1796.8  | 1812.5 |
| 15°   | 1673.2 | 1667.1 | 1688.0 | 1715.0 | 1755.0 | 1797.7 | 1847.3 | 1880.4  | 1884.7  | 1903.9 |
| 17.5° | 1753.3 | 1747.2 | 1771.5 | 1800.3 | 1843.8 | 1902.1 | 1959.6 | 1996.1  | 2001.4  | 2013.6 |
| 20°   | 1856.0 | 1848.1 | 1867.3 | 1893.4 | 1939.6 | 2009.2 | 2078.0 | 2130.2  | 2129.3  | 2129.3 |
| 22.5° | 1975.2 | 1963.1 | 1979.6 | 2000.5 | 2044.0 | 2128.5 | 2219.9 | 2281.7  | 2281.7  | 2257.3 |
| 25°   | 2103.2 | 2091.0 | 2109.3 | 2128.5 | 2166.8 | 2262.5 | 2369.6 | 2446.2  | 2449.7  | 2407.9 |
| 27.5° | 2263.4 | 2247.7 | 2261.7 | 2284.3 | 2306.9 | 2404.4 | 2531.5 | 2620.3  | 2622.1  | 2557.6 |
| 30°   | 2571.6 | 2527.2 | 2483.6 | 2459.3 | 2469.7 | 2566.3 | 2702.1 | 2800.5  | 2809.2  | 2720.4 |
| 32.5° | 3135.7 | 3127.0 | 2973.8 | 2773.5 | 2669.1 | 2740.4 | 2892.8 | 3011.2  | 3016.4  | 2902.4 |
| 35°   | 4012.3 | 4001.9 | 3755.5 | 3374.2 | 3033.8 | 2973.8 | 3124.4 | 3264.5  | 3261.0  | 3132.2 |
| 37.5° | 5058.7 | 5049.1 | 4724.4 | 4214.3 | 3663.2 | 3326.3 | 3422.9 | 3570.1  | 3591.8  | 3422.9 |
| 40°   | 5952.7 | 5917.0 | 5711.6 | 5219.7 | 4498.9 | 3911.3 | 3847.8 | 3945.3  | 3967.9  | 3767.7 |
| 42.5° | 6630.0 | 6599.5 | 6495.1 | 6187.8 | 5510.5 | 4776.6 | 4348.3 | 4385.8  | 4411.0  | 4170.7 |
| 45°   | 6980.8 | 6973.9 | 7015.7 | 6986.9 | 6541.2 | 5838.7 | 5063.9 | 4908.1  | 4917.7  | 4617.3 |
| 47.5° | 7030.5 | 7027.0 | 7217.6 | 7487.5 | 7427.4 | 7036.5 | 5982.3 | 5559.2  | 5525.3  | 5121.4 |
| 50°   | 6738.0 | 6731.0 | 7096.6 | 7602.4 | 8019.4 | 8042.9 | 7025.2 | 6293.1  | 6218.2  | 5642.8 |
| 52.5° | 5803.9 | 5802.1 | 6402.8 | 7244.6 | 8227.4 | 8923.9 | 8055.9 | 7099.2  | 6973.9  | 6194.7 |
| 55°   | 4465.9 | 4498.1 | 5186.7 | 6181.7 | 7847.9 | 9347.8 | 8981.3 | 7994.1  | 7801.7  | 6750.1 |
| 57.5° | 3163.5 | 3210.5 | 3891.3 | 4777.5 | 6670.9 | 9097.1 | 9607.2 | 8890.8  | 8683.6  | 7303.8 |
| 60°   | 1699.3 | 1741.1 | 2422.7 | 3480.4 | 4962.9 | 8162.2 | 9937.2 | 9669.1  | 9473.2  | 7829.6 |
| 62.5° | 1012.4 | 1026.4 | 1308.4 | 2246.9 | 3356.8 | 6235.7 | 9797.0 | 10261.9 | 10100.8 | 8271.0 |
| 65°   | 726.9  | 729.5  | 871.4  | 1372.0 | 2037.9 | 3788.6 | 8814.2 | 10545.7 | 10496.1 | 8603.5 |
| 67.5° | 612.0  | 610.2  | 669.4  | 911.5  | 1388.5 | 1897.8 | 6755.4 | 10144.4 | 10355.0 | 8814.2 |
| 70°   | 524.9  | 527.5  | 597.2  | 667.7  | 1043.8 | 1074.2 | 3358.5 | 8832.5  | 9281.7  | 8869.9 |
| 72.5° | 390.9  | 399.6  | 464.0  | 608.5  | 787.8  | 739.1  | 1159.6 | 6549.0  | 7361.3  | 8357.2 |
| 75°   | 276.0  | 280.3  | 326.5  | 511.9  | 587.6  | 538.0  | 592.0  | 3385.5  | 4426.7  | 6407.1 |
| 77.5° | 212.4  | 220.2  | 247.2  | 357.8  | 578.9  | 377.8  | 362.1  | 1171.7  | 1800.3  | 3870.4 |
| 80°   | 114.9  | 128.8  | 178.5  | 258.5  | 406.5  | 267.3  | 179.3  | 466.6   | 610.2   | 1809.8 |
| 82.5° | 59.2   | 66.2   | 124.5  | 186.3  | 231.6  | 233.3  | 88.8   | 194.1   | 251.6   | 558.9  |
| 85°   | 23.5   | 28.7   | 83.6   | 102.7  | 119.3  | 114.9  | 40.0   | 78.3    | 90.5    | 155.0  |
| 87.5° | 5.2    | 8.7    | 30.5   | 23.5   | 22.6   | 24.4   | 9.6    | 18.3    | 17.4    | 18.3   |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1561.7 | 0°    | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 | 1561.7 |
| 1572.2 | 2.5°  | 1571.3 | 1567.8 | 1558.3 | 1547.8 | 1535.6 | 1528.7 | 1524.3 | 1523.4 | 1517.3 | 1513.0 |
| 1607.0 | 5°    | 1597.4 | 1594.0 | 1575.7 | 1553.9 | 1530.4 | 1512.1 | 1494.7 | 1479.0 | 1456.4 | 1452.1 |
| 1657.5 | 7.5°  | 1649.7 | 1640.1 | 1610.5 | 1580.9 | 1536.5 | 1483.4 | 1419.0 | 1345.0 | 1278.8 | 1258.8 |
| 1724.5 | 10°   | 1714.1 | 1701.0 | 1663.6 | 1611.4 | 1513.0 | 1368.5 | 1212.7 | 1068.1 | 953.2  | 921.0  |
| 1803.8 | 12.5° | 1787.2 | 1775.9 | 1726.3 | 1629.6 | 1414.6 | 1152.6 | 914.1  | 734.7  | 623.3  | 595.4  |
| 1888.2 | 15°   | 1874.3 | 1857.7 | 1789.0 | 1601.8 | 1238.8 | 875.8  | 627.7  | 521.5  | 481.4  | 476.2  |
| 1984.8 | 17.5° | 1966.5 | 1939.6 | 1844.7 | 1501.7 | 1002.0 | 622.4  | 484.9  | 454.4  | 437.0  | 431.8  |
| 2082.3 | 20°   | 2051.0 | 2016.2 | 1877.7 | 1350.2 | 748.7  | 484.9  | 434.4  | 414.4  | 398.7  | 392.6  |
| 2179.8 | 22.5° | 2135.4 | 2085.8 | 1877.7 | 1143.9 | 561.5  | 430.0  | 398.7  | 380.4  | 362.1  | 354.3  |
| 2284.3 | 25°   | 2223.4 | 2157.2 | 1844.7 | 914.1  | 451.8  | 394.4  | 364.8  | 344.7  | 329.1  | 319.5  |
| 2383.5 | 27.5° | 2308.7 | 2217.3 | 1768.9 | 696.4  | 402.2  | 363.0  | 333.4  | 314.3  | 299.5  | 292.5  |
| 2491.5 | 30°   | 2389.6 | 2276.5 | 1662.7 | 528.4  | 370.0  | 332.5  | 304.7  | 288.1  | 273.3  | 266.4  |
| 2631.6 | 32.5° | 2499.3 | 2351.3 | 1549.6 | 433.5  | 342.1  | 303.8  | 278.6  | 262.9  | 249.8  | 244.6  |
| 2813.6 | 35°   | 2651.7 | 2461.9 | 1452.1 | 425.7  | 318.6  | 280.3  | 255.1  | 240.3  | 227.2  | 222.9  |
| 3048.6 | 37.5° | 2867.5 | 2640.3 | 1400.7 | 477.9  | 299.5  | 259.4  | 235.9  | 220.2  | 208.1  | 204.6  |
| 3347.2 | 40°   | 3133.9 | 2882.3 | 1428.6 | 530.2  | 286.4  | 241.1  | 218.5  | 202.8  | 192.4  | 188.0  |
| 3690.2 | 42.5° | 3449.9 | 3180.9 | 1582.6 | 570.2  | 277.7  | 225.5  | 202.0  | 184.6  | 177.6  | 175.8  |
| 4079.3 | 45°   | 3813.0 | 3509.1 | 1818.6 | 612.9  | 263.8  | 210.7  | 185.4  | 172.4  | 167.1  | 166.3  |
| 4502.4 | 47.5° | 4225.6 | 3869.5 | 2091.9 | 666.0  | 249.8  | 196.7  | 172.4  | 163.7  | 159.3  | 157.6  |
| 4943.8 | 50°   | 4634.7 | 4232.5 | 2373.1 | 695.6  | 238.5  | 183.7  | 161.9  | 155.0  | 151.5  | 150.6  |
| 5410.4 | 52.5° | 5063.0 | 4606.0 | 2600.3 | 667.7  | 229.0  | 173.2  | 153.2  | 148.0  | 144.5  | 143.6  |
| 5840.4 | 55°   | 5471.3 | 4908.1 | 2639.5 | 566.7  | 209.8  | 162.8  | 143.6  | 141.0  | 136.7  | 136.7  |
| 6276.6 | 57.5° | 5823.0 | 5059.6 | 2362.6 | 416.1  | 190.6  | 147.1  | 134.1  | 131.5  | 128.0  | 127.1  |
| 6670.1 | 60°   | 6146.0 | 5016.0 | 1823.8 | 280.3  | 169.8  | 131.5  | 121.9  | 120.1  | 116.7  | 112.3  |
| 7012.2 | 62.5° | 6327.9 | 4824.5 | 1247.5 | 182.8  | 148.9  | 114.9  | 107.9  | 107.1  | 99.2   | 90.5   |
| 7265.5 | 65°   | 6396.7 | 4431.0 | 778.3  | 133.2  | 124.5  | 98.4   | 93.1   | 91.4   | 80.1   | 70.5   |
| 7409.1 | 67.5° | 6336.6 | 3783.4 | 392.6  | 105.3  | 98.4   | 81.8   | 76.6   | 76.6   | 68.8   | 60.1   |
| 7400.4 | 70°   | 6096.4 | 2836.2 | 165.4  | 84.4   | 75.7   | 62.7   | 62.7   | 66.2   | 58.3   | 48.8   |
| 7016.5 | 72.5° | 5574.9 | 1908.2 | 87.9   | 64.4   | 56.6   | 44.4   | 51.4   | 54.0   | 46.1   | 36.6   |
| 5742.9 | 75°   | 4431.9 | 1163.9 | 60.9   | 47.9   | 35.7   | 31.3   | 39.2   | 40.9   | 31.3   | 24.4   |
| 3937.4 | 77.5° | 3031.2 | 668.6  | 40.9   | 30.5   | 22.6   | 18.3   | 27.0   | 25.2   | 16.5   | 11.3   |
| 1518.2 | 80°   | 1331.1 | 278.6  | 23.5   | 13.9   | 8.7    | 7.0    | 9.6    | 7.0    | 5.2    | 3.5    |
| 208.1  | 82.5° | 155.8  | 65.3   | 8.7    | 5.2    | 3.5    | 1.7    | 0.9    | 0.0    | 0.0    | 0.0    |
| 63.5   | 85°   | 32.2   | 7.8    | 4.4    | 1.7    | 0.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 11.3   | 87.5° | 6.1    | 1.7    | 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°   |
|--------|
| 1561.7 |
| 1517.3 |
| 1450.3 |
| 1249.2 |
| 908.8  |
| 587.6  |
| 471.0  |
| 429.2  |
| 389.1  |
| 350.0  |
| 316.0  |
| 292.5  |
| 267.3  |
| 244.6  |
| 222.9  |
| 203.7  |
| 187.2  |
| 175.8  |
| 165.4  |
| 157.6  |
| 150.6  |
| 143.6  |
| 135.8  |
| 126.2  |
| 111.4  |
| 88.8   |
| 69.6   |
| 59.2   |
| 47.9   |
| 36.6   |
| 23.5   |
| 12.2   |
| 3.5    |
| 0.0    |
| 0.0    |
| 0.0    |
| 0.0    |