

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: McGRAW-EDISON

Report Number: P948117

Luminaire Tested: **GALN-SB3B-735-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948117
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB3B-735-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12894 lumens
Efficiency: N/A
Efficacy: 118.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

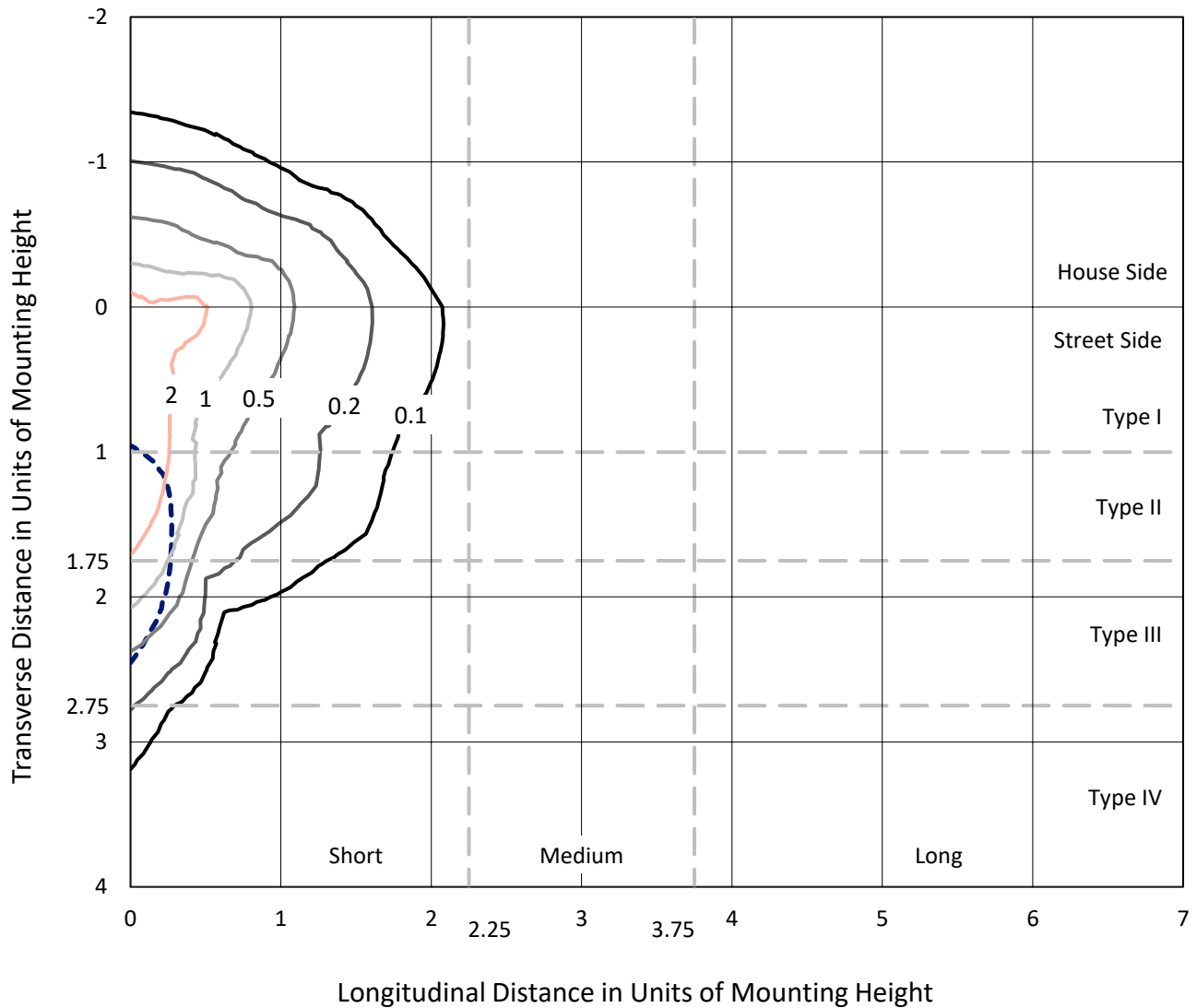
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P948117
 CATALOG NUMBER: GALN-SB3B-735-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

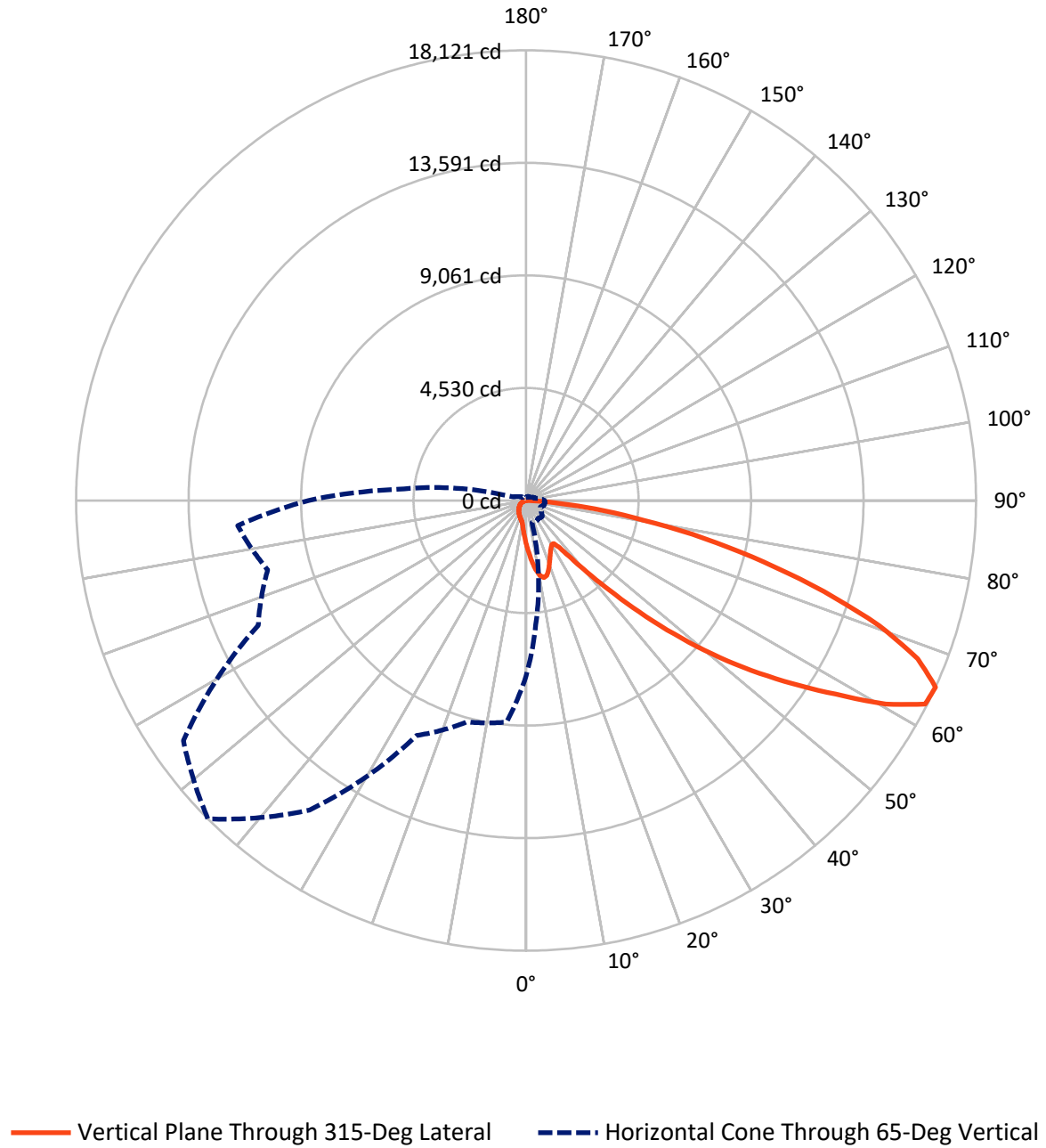
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type IV - Short - N/A

REPORT NUMBER: P948117
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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 1805.7 | 0.0 | 1805.7 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 11088.3 | 0.0 | 11088.3 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 12894.0 | 0.0 | 12894.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 175.8 | 1.4 |
| 10°-20° | 526.9 | 4.1 |
| 20°-30° | 776.3 | 6.0 |
| 30°-40° | 997.3 | 7.7 |
| 40°-50° | 1612.9 | 12.5 |
| 50°-60° | 2828.5 | 21.9 |
| 60°-70° | 3539.2 | 27.4 |
| 70°-80° | 2068.1 | 16.0 |
| 80°-90° | 369.0 | 2.9 |
| 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° | 12894.0 | 100.0 |
| 0°-180° | 12894.0 | 100.0 |

Coefficient of Utilization



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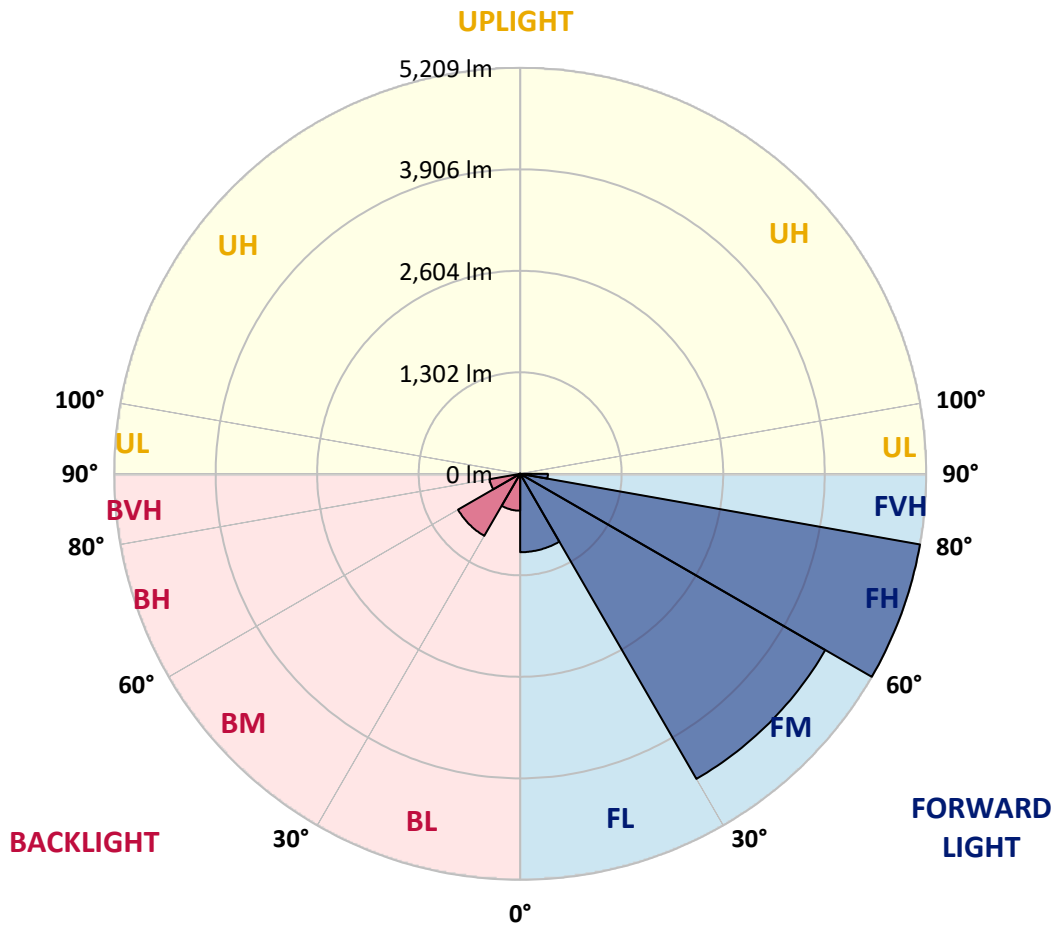
CATALOG NUMBER: GALN-SB3B-735-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1005.7 | 7.8 | | | |
| FM (30°-60°) | 4519.2 | 35.0 | | | |
| FH (60°-80°) | 5208.6 | 40.4 | | | G3/7500 |
| FVH (80°-90°) | 354.8 | 2.8 | | | G3/500 |
| BL (0°-30°) | 473.3 | 3.7 | B1/500 | | |
| BM (30°-60°) | 919.5 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 398.7 | 3.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 14.2 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 |
| 2.5° | 2017.2 | 1982.6 | 1962.2 | 1911.5 | 1860.9 | 1820.0 | 1765.0 | 1728.6 | 1685.0 | 1643.3 |
| 5° | 2248.2 | 2192.2 | 2124.7 | 2032.3 | 1948.0 | 1861.8 | 1778.3 | 1695.7 | 1608.6 | 1528.7 |
| 7.5° | 2443.6 | 2362.8 | 2243.7 | 2121.2 | 2013.7 | 1909.8 | 1812.1 | 1702.8 | 1597.1 | 1471.8 |
| 10° | 2592.8 | 2489.8 | 2333.5 | 2172.7 | 2049.2 | 1944.4 | 1849.4 | 1757.0 | 1650.4 | 1499.4 |
| 12.5° | 2683.4 | 2573.3 | 2387.6 | 2199.3 | 2058.1 | 1940.9 | 1867.1 | 1826.3 | 1784.5 | 1634.4 |
| 15° | 2750.1 | 2631.0 | 2425.8 | 2218.0 | 2037.7 | 1893.8 | 1839.6 | 1880.5 | 1928.4 | 1832.5 |
| 17.5° | 2819.3 | 2694.1 | 2475.6 | 2226.0 | 1982.6 | 1802.3 | 1779.2 | 1884.9 | 1995.9 | 1991.5 |
| 20° | 2885.1 | 2760.7 | 2519.1 | 2220.7 | 1893.8 | 1691.3 | 1711.7 | 1846.7 | 1975.5 | 2029.7 |
| 22.5° | 2960.6 | 2829.1 | 2560.9 | 2200.2 | 1778.3 | 1587.3 | 1651.3 | 1786.3 | 1899.1 | 1963.1 |
| 25° | 3053.0 | 2915.3 | 2619.5 | 2170.0 | 1653.9 | 1501.2 | 1590.0 | 1716.1 | 1807.6 | 1852.0 |
| 27.5° | 3152.4 | 3018.3 | 2697.7 | 2154.0 | 1553.6 | 1439.9 | 1520.7 | 1632.6 | 1714.3 | 1745.4 |
| 30° | 3275.9 | 3138.2 | 2790.0 | 2136.3 | 1487.8 | 1404.3 | 1448.8 | 1535.8 | 1615.7 | 1646.8 |
| 32.5° | 3410.9 | 3271.5 | 2878.9 | 2093.6 | 1447.9 | 1377.7 | 1378.6 | 1433.7 | 1506.5 | 1543.8 |
| 35° | 3579.7 | 3431.4 | 2973.9 | 2000.4 | 1415.9 | 1346.6 | 1310.2 | 1336.8 | 1397.2 | 1441.6 |
| 37.5° | 3820.4 | 3641.0 | 3090.3 | 1867.1 | 1368.8 | 1298.6 | 1238.2 | 1244.5 | 1290.6 | 1339.5 |
| 40° | 4152.6 | 3922.6 | 3227.1 | 1728.6 | 1301.3 | 1231.1 | 1159.2 | 1156.5 | 1190.3 | 1238.2 |
| 42.5° | 4602.1 | 4294.7 | 3391.4 | 1596.2 | 1236.5 | 1149.4 | 1075.7 | 1071.2 | 1097.9 | 1139.6 |
| 45° | 5195.4 | 4770.9 | 3593.0 | 1482.5 | 1185.8 | 1069.5 | 996.6 | 994.9 | 1017.1 | 1053.5 |
| 47.5° | 5954.9 | 5432.6 | 3794.7 | 1405.2 | 1159.2 | 1006.4 | 931.8 | 935.3 | 954.9 | 987.7 |
| 50° | 6938.2 | 6295.1 | 3855.9 | 1366.1 | 1159.2 | 972.6 | 874.0 | 891.8 | 907.8 | 932.7 |
| 52.5° | 8116.9 | 7123.0 | 3653.4 | 1330.6 | 1166.3 | 977.1 | 825.2 | 863.4 | 874.9 | 896.3 |
| 55° | 9209.5 | 7528.9 | 3140.9 | 1281.8 | 1168.1 | 1004.6 | 783.4 | 840.3 | 861.6 | 869.6 |
| 57.5° | 9843.7 | 7389.5 | 2539.5 | 1199.2 | 1161.0 | 1023.3 | 756.8 | 811.9 | 852.7 | 858.1 |
| 60° | 9722.9 | 6900.0 | 1869.8 | 1136.1 | 1108.6 | 1016.2 | 748.8 | 768.3 | 833.2 | 841.2 |
| 62.5° | 8792.0 | 6079.3 | 1297.8 | 1087.2 | 993.1 | 985.1 | 746.1 | 700.0 | 790.6 | 810.1 |
| 65° | 7067.0 | 4786.0 | 916.7 | 936.2 | 870.5 | 917.6 | 731.9 | 628.9 | 739.0 | 765.7 |
| 67.5° | 5127.0 | 3238.6 | 661.8 | 758.6 | 788.8 | 808.3 | 700.0 | 577.4 | 680.4 | 715.9 |
| 70° | 3290.1 | 1749.0 | 464.6 | 501.0 | 664.4 | 686.6 | 644.9 | 531.2 | 620.9 | 661.8 |
| 72.5° | 2338.8 | 1033.0 | 334.0 | 350.9 | 533.8 | 572.0 | 567.6 | 479.7 | 551.6 | 601.4 |
| 75° | 1614.0 | 569.4 | 225.6 | 250.5 | 387.3 | 464.6 | 437.9 | 412.2 | 467.2 | 517.9 |
| 77.5° | 1011.7 | 254.9 | 135.0 | 174.1 | 254.0 | 365.1 | 300.2 | 318.9 | 364.2 | 411.3 |
| 80° | 563.2 | 98.6 | 75.5 | 115.5 | 138.6 | 265.6 | 166.1 | 205.2 | 268.3 | 302.0 |
| 82.5° | 122.6 | 12.4 | 33.8 | 49.7 | 54.2 | 154.6 | 87.9 | 119.0 | 168.8 | 166.1 |
| 85° | 0.0 | 0.0 | 6.2 | 7.1 | 3.6 | 66.6 | 32.0 | 39.1 | 55.1 | 51.5 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 |
| 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):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1785.4 | 0° | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 |
| 1606.0 | 2.5° | 1598.9 | 1555.3 | 1523.4 | 1507.4 | 1494.1 | 1506.5 | 1513.6 | 1513.6 | 1543.8 | 1561.6 |
| 1479.8 | 5° | 1448.8 | 1370.6 | 1311.1 | 1271.1 | 1247.1 | 1255.1 | 1264.0 | 1273.8 | 1312.0 | 1337.7 |
| 1405.2 | 7.5° | 1344.8 | 1224.9 | 1134.3 | 1078.3 | 1049.0 | 1053.5 | 1059.7 | 1067.7 | 1105.0 | 1130.8 |
| 1415.9 | 10° | 1325.3 | 1153.0 | 1025.1 | 951.3 | 915.8 | 909.6 | 906.0 | 903.4 | 925.6 | 945.1 |
| 1536.7 | 12.5° | 1405.2 | 1156.5 | 978.0 | 888.3 | 844.7 | 826.1 | 804.8 | 787.9 | 791.4 | 803.9 |
| 1719.7 | 15° | 1548.2 | 1201.8 | 962.9 | 855.4 | 801.2 | 770.1 | 745.3 | 724.8 | 720.4 | 724.8 |
| 1879.6 | 17.5° | 1711.7 | 1263.1 | 961.1 | 827.0 | 759.5 | 727.5 | 707.1 | 688.4 | 682.2 | 683.1 |
| 1969.3 | 20° | 1820.0 | 1312.0 | 955.8 | 795.0 | 719.5 | 691.1 | 673.3 | 654.6 | 648.4 | 650.2 |
| 1944.4 | 22.5° | 1830.7 | 1337.7 | 947.8 | 759.5 | 679.5 | 655.5 | 637.8 | 620.9 | 620.0 | 620.0 |
| 1851.1 | 25° | 1773.0 | 1337.7 | 930.9 | 727.5 | 641.3 | 620.0 | 604.0 | 583.6 | 587.1 | 588.9 |
| 1745.4 | 27.5° | 1683.3 | 1305.7 | 898.9 | 701.7 | 608.5 | 586.3 | 570.3 | 551.6 | 556.1 | 558.7 |
| 1646.8 | 30° | 1594.4 | 1264.9 | 860.7 | 672.4 | 577.4 | 551.6 | 540.1 | 524.1 | 525.9 | 529.4 |
| 1549.1 | 32.5° | 1511.8 | 1221.4 | 815.4 | 648.4 | 546.3 | 520.5 | 511.6 | 493.9 | 496.5 | 500.1 |
| 1453.2 | 35° | 1430.1 | 1173.4 | 762.1 | 620.0 | 517.9 | 492.1 | 485.0 | 464.6 | 466.3 | 471.7 |
| 1357.3 | 37.5° | 1342.2 | 1122.8 | 718.6 | 591.6 | 490.3 | 463.7 | 456.6 | 435.2 | 437.0 | 443.2 |
| 1257.8 | 40° | 1249.8 | 1073.0 | 676.0 | 561.4 | 461.0 | 434.4 | 428.1 | 405.0 | 406.8 | 413.9 |
| 1160.1 | 42.5° | 1156.5 | 1018.8 | 643.1 | 522.3 | 430.8 | 402.4 | 396.2 | 374.8 | 377.5 | 385.5 |
| 1074.8 | 45° | 1070.4 | 954.0 | 621.8 | 478.8 | 402.4 | 370.4 | 364.2 | 344.6 | 350.0 | 358.9 |
| 1002.8 | 47.5° | 996.6 | 887.4 | 612.9 | 442.4 | 372.2 | 337.5 | 332.2 | 316.2 | 325.1 | 334.9 |
| 941.6 | 50° | 933.6 | 823.4 | 601.4 | 405.0 | 343.8 | 309.1 | 303.8 | 293.1 | 304.7 | 314.4 |
| 899.8 | 52.5° | 888.3 | 750.6 | 576.5 | 371.3 | 318.9 | 285.1 | 283.4 | 278.0 | 288.7 | 297.6 |
| 868.7 | 55° | 849.2 | 675.1 | 536.5 | 342.0 | 296.7 | 264.7 | 266.5 | 263.8 | 272.7 | 279.8 |
| 850.1 | 57.5° | 813.6 | 609.3 | 485.9 | 318.9 | 272.7 | 246.9 | 252.3 | 248.7 | 253.2 | 257.6 |
| 830.5 | 60° | 771.0 | 542.7 | 425.5 | 293.1 | 244.3 | 229.2 | 235.4 | 225.6 | 224.7 | 226.5 |
| 795.0 | 62.5° | 707.9 | 453.0 | 362.4 | 261.1 | 219.4 | 209.6 | 212.3 | 193.6 | 179.4 | 179.4 |
| 742.6 | 65° | 620.0 | 364.2 | 303.8 | 225.6 | 191.0 | 183.0 | 181.2 | 154.6 | 135.0 | 133.2 |
| 685.7 | 67.5° | 517.9 | 299.3 | 252.3 | 190.1 | 159.0 | 153.7 | 155.4 | 135.9 | 116.4 | 114.6 |
| 628.9 | 70° | 421.9 | 247.8 | 203.4 | 151.9 | 122.6 | 127.9 | 135.9 | 116.4 | 97.7 | 95.0 |
| 562.3 | 72.5° | 342.9 | 197.2 | 159.0 | 116.4 | 90.6 | 105.7 | 115.5 | 95.0 | 77.3 | 75.5 |
| 479.7 | 75° | 264.7 | 144.8 | 113.7 | 79.1 | 65.7 | 81.7 | 90.6 | 69.3 | 55.1 | 52.4 |
| 371.3 | 77.5° | 176.8 | 89.7 | 64.0 | 49.7 | 39.1 | 56.0 | 60.4 | 36.4 | 32.0 | 31.1 |
| 270.0 | 80° | 107.5 | 41.7 | 27.5 | 24.0 | 13.3 | 20.4 | 24.0 | 15.1 | 16.9 | 17.8 |
| 143.9 | 82.5° | 54.2 | 11.5 | 4.4 | 0.9 | 0.0 | 0.0 | 7.1 | 3.6 | 7.1 | 8.9 |
| 39.1 | 85° | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 4.4 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 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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CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1785.4 | 0° | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 | 1785.4 |
| 1568.7 | 2.5° | 1618.4 | 1655.7 | 1691.3 | 1748.1 | 1806.7 | 1864.5 | 1923.1 | 1979.9 | 2000.4 | 2015.5 |
| 1354.6 | 5° | 1431.9 | 1502.1 | 1583.8 | 1696.6 | 1817.4 | 1941.7 | 2067.9 | 2183.3 | 2235.8 | 2271.3 |
| 1153.0 | 7.5° | 1239.1 | 1330.6 | 1447.9 | 1617.5 | 1806.7 | 2004.8 | 2202.9 | 2385.0 | 2469.4 | 2537.8 |
| 962.9 | 10° | 1048.1 | 1147.6 | 1296.0 | 1489.6 | 1745.4 | 2029.7 | 2303.3 | 2553.8 | 2663.0 | 2749.2 |
| 826.1 | 12.5° | 880.3 | 973.5 | 1129.0 | 1343.1 | 1649.5 | 2010.1 | 2361.0 | 2662.1 | 2790.9 | 2887.7 |
| 728.4 | 15° | 762.1 | 827.9 | 965.5 | 1196.5 | 1535.8 | 1947.1 | 2364.6 | 2713.6 | 2854.9 | 2956.1 |
| 687.5 | 17.5° | 696.4 | 718.6 | 808.3 | 1047.3 | 1409.7 | 1864.5 | 2331.7 | 2731.4 | 2882.4 | 2976.6 |
| 651.1 | 20° | 660.9 | 664.4 | 689.3 | 853.6 | 1248.0 | 1787.2 | 2300.6 | 2749.2 | 2908.2 | 2987.2 |
| 625.3 | 22.5° | 632.4 | 632.4 | 638.7 | 698.2 | 1039.3 | 1694.8 | 2290.8 | 2780.3 | 2943.7 | 2992.6 |
| 596.0 | 25° | 606.7 | 606.7 | 608.5 | 624.4 | 823.4 | 1553.6 | 2284.6 | 2828.2 | 2992.6 | 3005.9 |
| 566.7 | 27.5° | 580.0 | 580.9 | 580.9 | 589.8 | 663.5 | 1361.7 | 2258.0 | 2890.4 | 3051.2 | 3023.6 |
| 538.3 | 30° | 553.4 | 555.2 | 555.2 | 561.4 | 587.1 | 1137.0 | 2205.6 | 2965.0 | 3127.6 | 3046.7 |
| 509.9 | 32.5° | 526.7 | 528.5 | 528.5 | 533.8 | 552.5 | 907.8 | 2139.8 | 3033.4 | 3204.8 | 3056.5 |
| 482.3 | 35° | 499.2 | 501.9 | 500.1 | 507.2 | 526.7 | 722.2 | 2056.3 | 3101.8 | 3288.3 | 3087.6 |
| 455.7 | 37.5° | 471.7 | 473.4 | 472.6 | 479.7 | 501.9 | 623.6 | 1959.5 | 3153.3 | 3402.0 | 3156.9 |
| 427.3 | 40° | 444.1 | 443.2 | 443.2 | 451.2 | 475.2 | 595.1 | 1837.8 | 3235.0 | 3565.5 | 3278.6 |
| 398.8 | 42.5° | 415.7 | 415.7 | 413.9 | 422.8 | 452.1 | 573.8 | 1721.5 | 3381.6 | 3803.5 | 3472.2 |
| 372.2 | 45° | 389.9 | 389.1 | 385.5 | 393.5 | 429.9 | 536.5 | 1680.6 | 3655.2 | 4155.3 | 3785.8 |
| 345.5 | 47.5° | 365.1 | 364.2 | 355.3 | 362.4 | 403.3 | 502.8 | 1833.4 | 4102.9 | 4642.9 | 4246.8 |
| 324.2 | 50° | 342.9 | 343.8 | 326.9 | 333.1 | 376.6 | 477.0 | 2164.7 | 4683.8 | 5290.5 | 4867.7 |
| 306.5 | 52.5° | 322.4 | 322.4 | 300.2 | 303.8 | 343.8 | 453.9 | 2480.0 | 5313.6 | 6145.0 | 5733.7 |
| 287.8 | 55° | 302.0 | 300.2 | 275.4 | 277.1 | 310.9 | 421.0 | 2527.1 | 5928.3 | 7310.4 | 7036.8 |
| 267.4 | 57.5° | 278.9 | 275.4 | 252.3 | 252.3 | 280.7 | 397.1 | 2190.5 | 6400.8 | 8756.5 | 8951.9 |
| 229.2 | 60° | 250.5 | 247.8 | 232.7 | 228.3 | 256.7 | 418.4 | 1545.6 | 6455.9 | 9689.2 | 11498.6 |
| 182.1 | 62.5° | 214.1 | 217.6 | 209.6 | 203.4 | 233.6 | 434.4 | 915.8 | 6012.6 | 9463.5 | 12308.6 |
| 141.2 | 65° | 168.8 | 183.0 | 181.2 | 176.8 | 256.7 | 366.0 | 541.0 | 5161.7 | 8771.6 | 11654.9 |
| 123.5 | 67.5° | 143.9 | 153.7 | 151.0 | 151.0 | 269.1 | 278.0 | 340.2 | 4032.7 | 7819.4 | 10879.4 |
| 103.0 | 70° | 122.6 | 132.4 | 122.6 | 122.6 | 203.4 | 168.8 | 235.4 | 2815.8 | 6791.7 | 10021.4 |
| 82.6 | 72.5° | 101.3 | 111.0 | 100.4 | 93.3 | 162.6 | 126.1 | 172.3 | 1759.6 | 5816.3 | 9127.8 |
| 58.6 | 75° | 77.3 | 88.8 | 80.8 | 71.9 | 107.5 | 94.2 | 130.6 | 1022.4 | 4818.8 | 7809.6 |
| 35.5 | 77.5° | 48.9 | 64.0 | 60.4 | 50.6 | 79.1 | 68.4 | 94.2 | 608.5 | 3718.3 | 6102.4 |
| 21.3 | 80° | 30.2 | 32.9 | 33.8 | 32.0 | 45.3 | 46.2 | 64.0 | 346.4 | 2544.9 | 4253.0 |
| 13.3 | 82.5° | 19.5 | 19.5 | 15.1 | 16.9 | 22.2 | 26.6 | 36.4 | 130.6 | 1495.8 | 2589.3 |
| 8.0 | 85° | 14.2 | 12.4 | 8.0 | 8.0 | 10.7 | 13.3 | 14.2 | 40.0 | 606.7 | 1022.4 |
| 3.6 | 87.5° | 7.1 | 6.2 | 2.7 | 3.6 | 5.3 | 4.4 | 3.6 | 1.8 | 152.8 | 326.9 |
| 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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| 2620.4 | 30° | 2242.9 | 2077.6 | 2051.0 | 2169.1 | 2451.6 | 2986.3 | 3299.9 | 3275.9 |
| 2528.0 | 32.5° | 2175.4 | 2054.5 | 2064.3 | 2161.1 | 2388.5 | 2945.5 | 3399.4 | 3410.9 |
| 2482.7 | 35° | 2242.0 | 2247.3 | 2332.6 | 2372.5 | 2447.2 | 2939.3 | 3534.4 | 3579.7 |
| 2536.9 | 37.5° | 2573.3 | 2758.1 | 2934.8 | 2902.0 | 2734.1 | 3011.2 | 3736.0 | 3820.4 |
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| 11257.8 | 62.5° | 11578.5 | 16462.2 | 18042.4 | 14790.4 | 10618.3 | 10876.8 | 10968.3 | 8792.0 |
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| 9623.4 | 67.5° | 11042.9 | 16153.0 | 17016.4 | 14429.8 | 9230.8 | 7130.1 | 6719.7 | 5127.0 |
| 8868.4 | 70° | 10078.2 | 14834.0 | 15090.7 | 13105.4 | 8118.7 | 5244.3 | 4538.1 | 3290.1 |
| 8351.4 | 72.5° | 9089.6 | 13074.3 | 12543.1 | 11381.3 | 7135.4 | 3818.6 | 3273.2 | 2338.8 |
| 7615.1 | 75° | 7915.3 | 10760.4 | 9880.1 | 9456.4 | 5907.8 | 2997.0 | 2368.1 | 1614.0 |
| 6550.0 | 77.5° | 6338.6 | 7574.2 | 7338.8 | 7329.9 | 4439.5 | 2189.6 | 1580.2 | 1011.7 |
| 5117.3 | 80° | 4471.5 | 4915.6 | 4795.7 | 5520.5 | 2978.3 | 1588.2 | 951.3 | 563.2 |
| 3561.9 | 82.5° | 2164.7 | 2718.1 | 2790.0 | 3287.5 | 1448.8 | 934.5 | 219.4 | 122.6 |
| 1392.8 | 85° | 847.4 | 1311.1 | 1105.9 | 1248.0 | 406.8 | 260.3 | 5.3 | 0.0 |
| 229.2 | 87.5° | 95.0 | 151.9 | 139.5 | 110.1 | 49.7 | 10.7 | 0.0 | 0.0 |
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