

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: P947151

Luminaire Tested: **GALN-SB2C-830-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947151
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-SB2C-830-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 3000K, 615mA 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: 10271 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

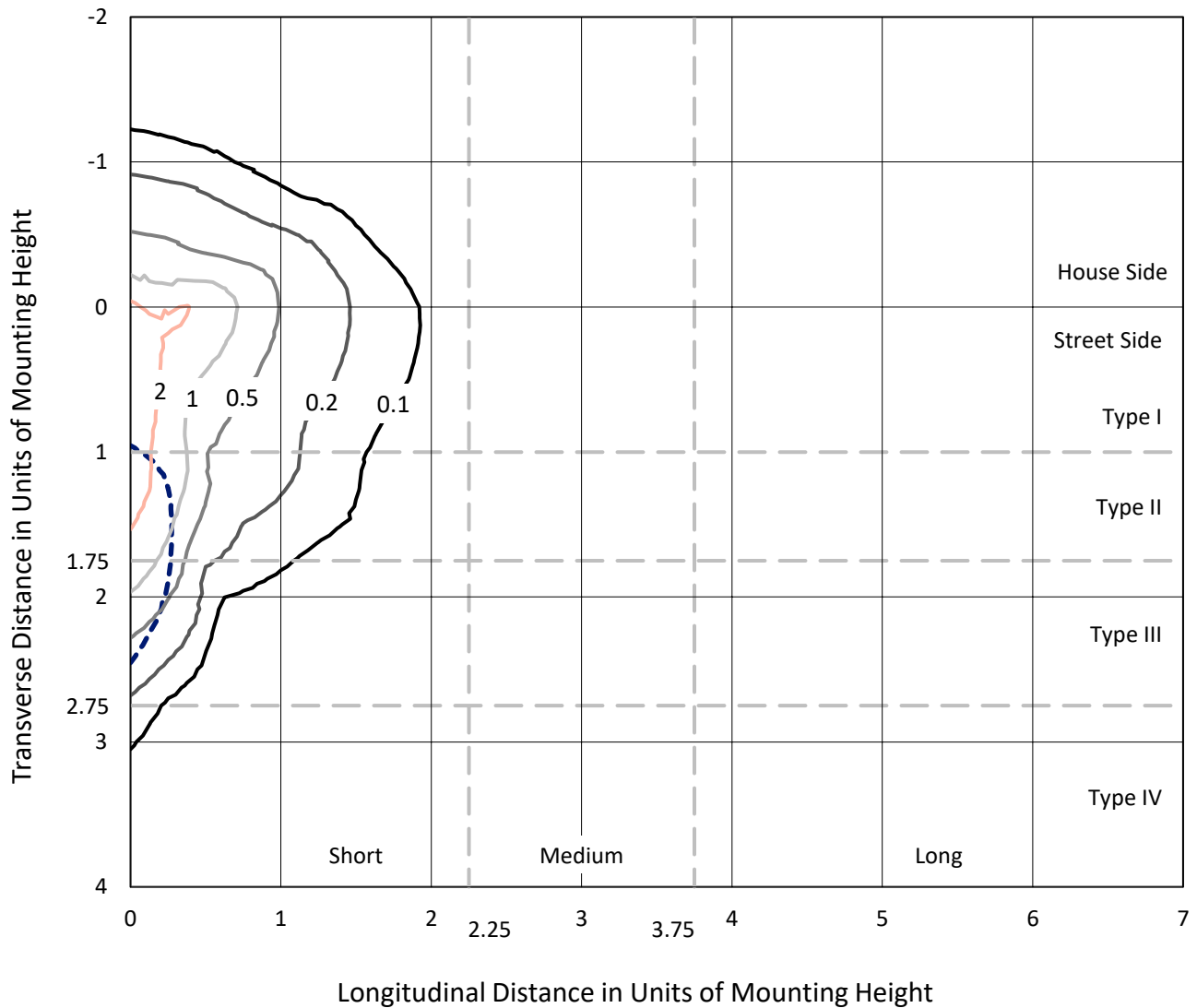
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P947151
 CATALOG NUMBER: GALN-SB2C-830-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

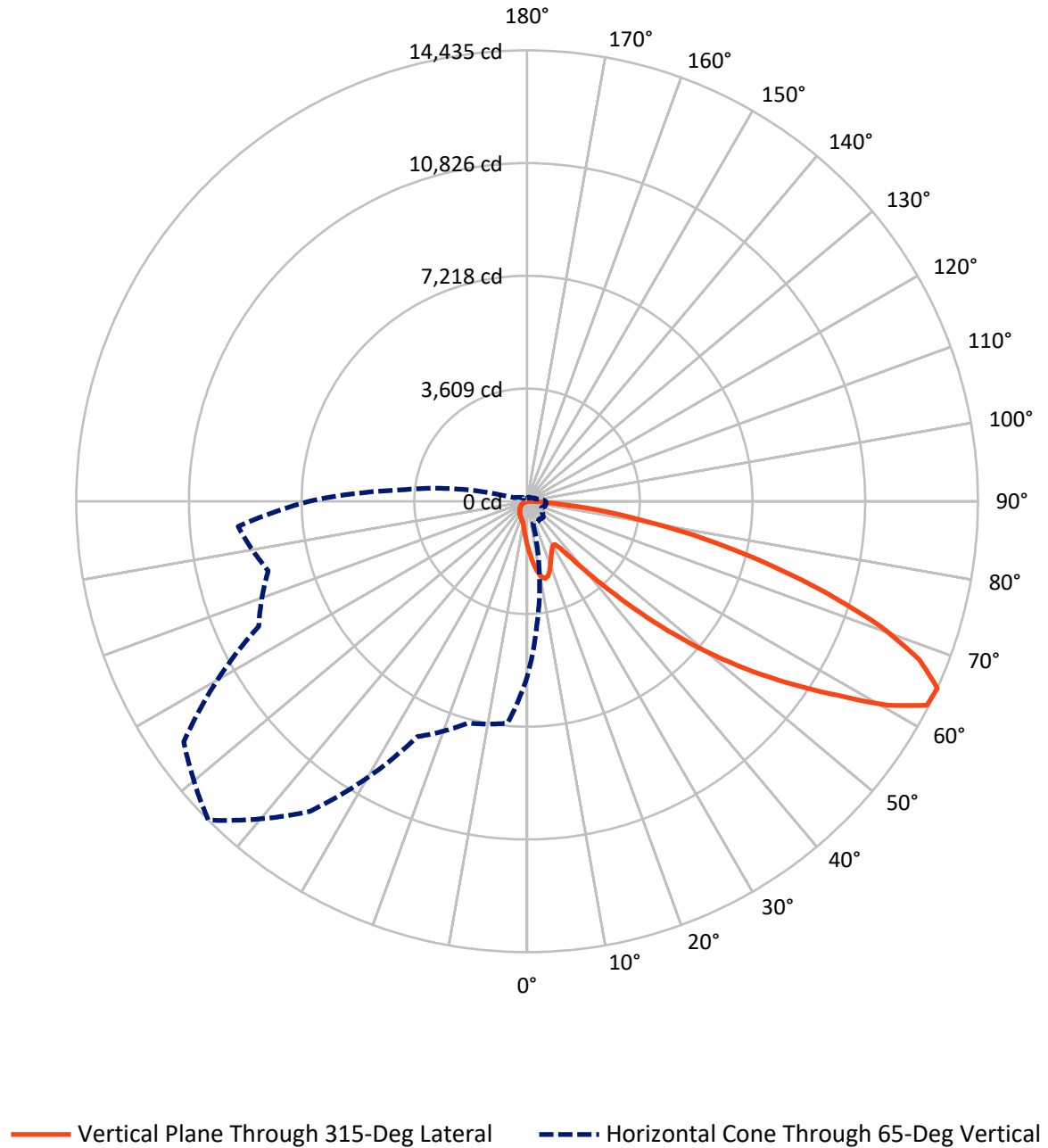
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P947151
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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 1438.4 | 0.0 | 1438.4 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 8832.6 | 0.0 | 8832.6 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 10271.0 | 0.0 | 10271.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 140.0 | 1.4 |
| 10°-20° | 419.7 | 4.1 |
| 20°-30° | 618.4 | 6.0 |
| 30°-40° | 794.4 | 7.7 |
| 40°-50° | 1284.8 | 12.5 |
| 50°-60° | 2253.1 | 21.9 |
| 60°-70° | 2819.2 | 27.4 |
| 70°-80° | 1647.4 | 16.0 |
| 80°-90° | 293.9 | 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° | 10271.0 | 100.0 |
| 0°-180° | 10271.0 | 100.0 |

Coefficient of Utilization



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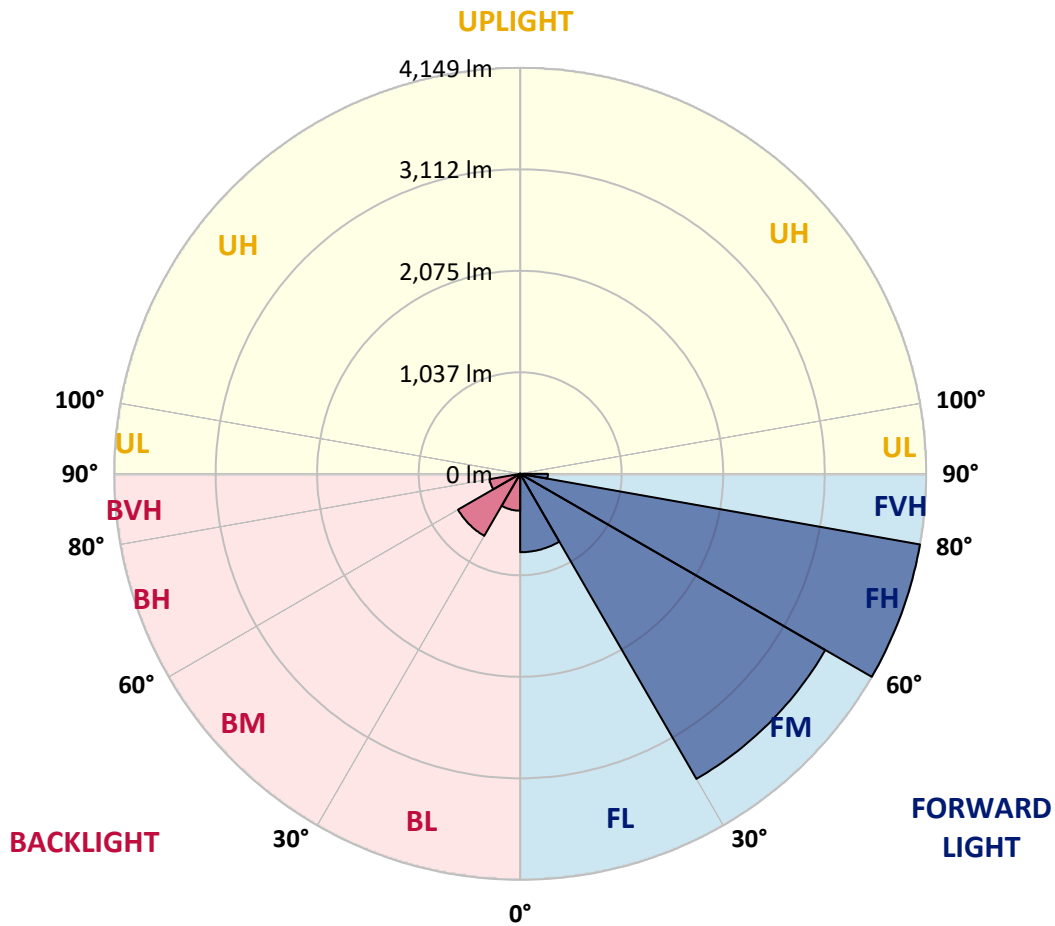
CATALOG NUMBER: GALN-SB2C-830-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 801.1 | 7.8 | | | |
| FM (30°-60°) | 3599.9 | 35.0 | | | |
| FH (60°-80°) | 4149.0 | 40.4 | | | G2/5000 |
| FVH (80°-90°) | 282.6 | 2.8 | | | G3/500 |
| BL (0°-30°) | 377.0 | 3.7 | B1/500 | | |
| BM (30°-60°) | 732.5 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 317.6 | 3.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 11.3 | 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° | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 |
| 2.5° | 1606.9 | 1579.3 | 1563.0 | 1522.7 | 1482.3 | 1449.8 | 1405.9 | 1376.9 | 1342.3 | 1309.0 |
| 5° | 1790.8 | 1746.3 | 1692.5 | 1618.9 | 1551.7 | 1483.1 | 1416.5 | 1350.7 | 1281.4 | 1217.7 |
| 7.5° | 1946.5 | 1882.1 | 1787.3 | 1689.7 | 1604.0 | 1521.3 | 1443.4 | 1356.4 | 1272.2 | 1172.4 |
| 10° | 2065.4 | 1983.3 | 1858.8 | 1730.7 | 1632.4 | 1548.9 | 1473.1 | 1399.6 | 1314.7 | 1194.4 |
| 12.5° | 2137.6 | 2049.8 | 1901.9 | 1751.9 | 1639.4 | 1546.0 | 1487.3 | 1454.8 | 1421.5 | 1301.9 |
| 15° | 2190.6 | 2095.8 | 1932.4 | 1766.8 | 1623.2 | 1508.5 | 1465.4 | 1497.9 | 1536.1 | 1459.7 |
| 17.5° | 2245.8 | 2146.0 | 1972.0 | 1773.2 | 1579.3 | 1435.6 | 1417.3 | 1501.5 | 1589.9 | 1586.4 |
| 20° | 2298.2 | 2199.1 | 2006.7 | 1768.9 | 1508.5 | 1347.2 | 1363.5 | 1471.0 | 1573.6 | 1616.8 |
| 22.5° | 2358.3 | 2253.6 | 2039.9 | 1752.6 | 1416.5 | 1264.4 | 1315.4 | 1422.9 | 1512.8 | 1563.7 |
| 25° | 2431.9 | 2322.2 | 2086.6 | 1728.6 | 1317.5 | 1195.8 | 1266.5 | 1367.0 | 1439.9 | 1475.3 |
| 27.5° | 2511.1 | 2404.3 | 2148.9 | 1715.8 | 1237.5 | 1147.0 | 1211.4 | 1300.5 | 1365.6 | 1390.4 |
| 30° | 2609.5 | 2499.8 | 2222.5 | 1701.7 | 1185.2 | 1118.7 | 1154.0 | 1223.4 | 1287.1 | 1311.8 |
| 32.5° | 2717.0 | 2606.0 | 2293.2 | 1667.7 | 1153.3 | 1097.4 | 1098.1 | 1142.0 | 1200.0 | 1229.7 |
| 35° | 2851.5 | 2733.3 | 2368.9 | 1593.4 | 1127.9 | 1072.7 | 1043.7 | 1064.9 | 1113.0 | 1148.4 |
| 37.5° | 3043.2 | 2900.3 | 2461.6 | 1487.3 | 1090.4 | 1034.5 | 986.3 | 991.3 | 1028.1 | 1067.0 |
| 40° | 3307.9 | 3124.6 | 2570.6 | 1376.9 | 1036.6 | 980.7 | 923.4 | 921.2 | 948.1 | 986.3 |
| 42.5° | 3665.9 | 3421.1 | 2701.5 | 1271.5 | 984.9 | 915.6 | 856.9 | 853.3 | 874.5 | 907.8 |
| 45° | 4138.5 | 3800.3 | 2862.1 | 1180.9 | 944.6 | 851.9 | 793.9 | 792.5 | 810.2 | 839.2 |
| 47.5° | 4743.5 | 4327.5 | 3022.7 | 1119.4 | 923.4 | 801.7 | 742.2 | 745.1 | 760.6 | 786.8 |
| 50° | 5526.8 | 5014.5 | 3071.5 | 1088.2 | 923.4 | 774.8 | 696.2 | 710.4 | 723.1 | 742.9 |
| 52.5° | 6465.7 | 5674.0 | 2910.2 | 1059.9 | 929.0 | 778.3 | 657.3 | 687.8 | 697.0 | 713.9 |
| 55° | 7336.0 | 5997.3 | 2501.9 | 1021.0 | 930.4 | 800.3 | 624.1 | 669.4 | 686.3 | 692.7 |
| 57.5° | 7841.2 | 5886.2 | 2022.9 | 955.2 | 924.8 | 815.1 | 602.8 | 646.7 | 679.3 | 683.5 |
| 60° | 7745.0 | 5496.4 | 1489.4 | 905.0 | 883.0 | 809.5 | 596.5 | 612.0 | 663.7 | 670.1 |
| 62.5° | 7003.5 | 4842.6 | 1033.8 | 866.1 | 791.1 | 784.7 | 594.4 | 557.6 | 629.7 | 645.3 |
| 65° | 5629.4 | 3812.4 | 730.2 | 745.8 | 693.4 | 730.9 | 583.0 | 501.0 | 588.7 | 609.9 |
| 67.5° | 4084.1 | 2579.8 | 527.1 | 604.3 | 628.3 | 643.9 | 557.6 | 459.9 | 542.0 | 570.3 |
| 70° | 2620.8 | 1393.2 | 370.1 | 399.1 | 529.3 | 546.9 | 513.7 | 423.1 | 494.6 | 527.1 |
| 72.5° | 1863.0 | 822.9 | 266.0 | 279.5 | 425.2 | 455.7 | 452.1 | 382.1 | 439.4 | 479.0 |
| 75° | 1285.6 | 453.5 | 179.7 | 199.5 | 308.5 | 370.1 | 348.8 | 328.3 | 372.2 | 412.5 |
| 77.5° | 805.9 | 203.1 | 107.5 | 138.7 | 202.4 | 290.8 | 239.2 | 254.0 | 290.1 | 327.6 |
| 80° | 448.6 | 78.5 | 60.1 | 92.0 | 110.4 | 211.6 | 132.3 | 163.4 | 213.7 | 240.6 |
| 82.5° | 97.6 | 9.9 | 26.9 | 39.6 | 43.2 | 123.1 | 70.0 | 94.8 | 134.4 | 132.3 |
| 85° | 0.0 | 0.0 | 5.0 | 5.7 | 2.8 | 53.1 | 25.5 | 31.1 | 43.9 | 41.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1422.2 | 0° | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 |
| 1279.3 | 2.5° | 1273.6 | 1238.9 | 1213.5 | 1200.7 | 1190.1 | 1200.0 | 1205.7 | 1205.7 | 1229.7 | 1243.9 |
| 1178.8 | 5° | 1154.0 | 1091.8 | 1044.4 | 1012.5 | 993.4 | 999.8 | 1006.9 | 1014.6 | 1045.1 | 1065.6 |
| 1119.4 | 7.5° | 1071.3 | 975.7 | 903.6 | 859.0 | 835.6 | 839.2 | 844.1 | 850.5 | 880.2 | 900.7 |
| 1127.9 | 10° | 1055.7 | 918.4 | 816.5 | 757.8 | 729.5 | 724.5 | 721.7 | 719.6 | 737.3 | 752.8 |
| 1224.1 | 12.5° | 1119.4 | 921.2 | 779.0 | 707.6 | 672.9 | 658.0 | 641.1 | 627.6 | 630.4 | 640.3 |
| 1369.8 | 15° | 1233.3 | 957.3 | 767.0 | 681.4 | 638.2 | 613.5 | 593.6 | 577.4 | 573.8 | 577.4 |
| 1497.2 | 17.5° | 1363.5 | 1006.2 | 765.6 | 658.7 | 605.0 | 579.5 | 563.2 | 548.4 | 543.4 | 544.1 |
| 1568.7 | 20° | 1449.8 | 1045.1 | 761.3 | 633.3 | 573.1 | 550.5 | 536.3 | 521.5 | 516.5 | 517.9 |
| 1548.9 | 22.5° | 1458.3 | 1065.6 | 755.0 | 605.0 | 541.3 | 522.2 | 508.0 | 494.6 | 493.9 | 493.9 |
| 1474.6 | 25° | 1412.3 | 1065.6 | 741.5 | 579.5 | 510.9 | 493.9 | 481.1 | 464.9 | 467.7 | 469.1 |
| 1390.4 | 27.5° | 1340.8 | 1040.1 | 716.1 | 559.0 | 484.7 | 467.0 | 454.3 | 439.4 | 442.9 | 445.1 |
| 1311.8 | 30° | 1270.1 | 1007.6 | 685.6 | 535.6 | 459.9 | 439.4 | 430.2 | 417.5 | 418.9 | 421.7 |
| 1234.0 | 32.5° | 1204.3 | 972.9 | 649.5 | 516.5 | 435.2 | 414.6 | 407.6 | 393.4 | 395.5 | 398.4 |
| 1157.6 | 35° | 1139.2 | 934.7 | 607.1 | 493.9 | 412.5 | 392.0 | 386.3 | 370.1 | 371.5 | 375.7 |
| 1081.2 | 37.5° | 1069.1 | 894.4 | 572.4 | 471.2 | 390.6 | 369.3 | 363.7 | 346.7 | 348.1 | 353.1 |
| 1001.9 | 40° | 995.5 | 854.7 | 538.5 | 447.2 | 367.2 | 346.0 | 341.0 | 322.6 | 324.1 | 329.7 |
| 924.1 | 42.5° | 921.2 | 811.6 | 512.3 | 416.0 | 343.2 | 320.5 | 315.6 | 298.6 | 300.7 | 307.1 |
| 856.2 | 45° | 852.6 | 759.9 | 495.3 | 381.4 | 320.5 | 295.1 | 290.1 | 274.5 | 278.8 | 285.9 |
| 798.8 | 47.5° | 793.9 | 706.9 | 488.2 | 352.4 | 296.5 | 268.9 | 264.6 | 251.9 | 259.0 | 266.8 |
| 750.0 | 50° | 743.7 | 655.9 | 479.0 | 322.6 | 273.8 | 246.2 | 242.0 | 233.5 | 242.7 | 250.5 |
| 716.8 | 52.5° | 707.6 | 597.9 | 459.2 | 295.8 | 254.0 | 227.1 | 225.7 | 221.5 | 230.0 | 237.0 |
| 692.0 | 55° | 676.4 | 537.7 | 427.4 | 272.4 | 236.3 | 210.9 | 212.3 | 210.1 | 217.2 | 222.9 |
| 677.1 | 57.5° | 648.1 | 485.4 | 387.0 | 254.0 | 217.2 | 196.7 | 200.9 | 198.1 | 201.7 | 205.2 |
| 661.6 | 60° | 614.2 | 432.3 | 338.9 | 233.5 | 194.6 | 182.6 | 187.5 | 179.7 | 179.0 | 180.4 |
| 633.3 | 62.5° | 563.9 | 360.9 | 288.7 | 208.0 | 174.8 | 167.0 | 169.1 | 154.2 | 142.9 | 142.9 |
| 591.5 | 65° | 493.9 | 290.1 | 242.0 | 179.7 | 152.1 | 145.8 | 144.3 | 123.1 | 107.5 | 106.1 |
| 546.2 | 67.5° | 412.5 | 238.4 | 200.9 | 151.4 | 126.7 | 122.4 | 123.8 | 108.3 | 92.7 | 91.3 |
| 501.0 | 70° | 336.1 | 197.4 | 162.0 | 121.0 | 97.6 | 101.9 | 108.3 | 92.7 | 77.8 | 75.7 |
| 447.9 | 72.5° | 273.1 | 157.1 | 126.7 | 92.7 | 72.2 | 84.2 | 92.0 | 75.7 | 61.6 | 60.1 |
| 382.1 | 75° | 210.9 | 115.3 | 90.6 | 63.0 | 52.4 | 65.1 | 72.2 | 55.2 | 43.9 | 41.7 |
| 295.8 | 77.5° | 140.8 | 71.5 | 50.9 | 39.6 | 31.1 | 44.6 | 48.1 | 29.0 | 25.5 | 24.8 |
| 215.1 | 80° | 85.6 | 33.3 | 21.9 | 19.1 | 10.6 | 16.3 | 19.1 | 12.0 | 13.4 | 14.2 |
| 114.6 | 82.5° | 43.2 | 9.2 | 3.5 | 0.7 | 0.0 | 0.0 | 5.7 | 2.8 | 5.7 | 7.1 |
| 31.1 | 85° | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 3.5 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1422.2 | 0° | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 | 1422.2 |
| 1249.6 | 2.5° | 1289.2 | 1318.9 | 1347.2 | 1392.5 | 1439.2 | 1485.2 | 1531.9 | 1577.2 | 1593.4 | 1605.5 |
| 1079.0 | 5° | 1140.6 | 1196.5 | 1261.6 | 1351.4 | 1447.7 | 1546.7 | 1647.2 | 1739.2 | 1780.9 | 1809.2 |
| 918.4 | 7.5° | 987.1 | 1059.9 | 1153.3 | 1288.5 | 1439.2 | 1597.0 | 1754.8 | 1899.8 | 1967.0 | 2021.5 |
| 767.0 | 10° | 834.9 | 914.2 | 1032.3 | 1186.6 | 1390.4 | 1616.8 | 1834.7 | 2034.2 | 2121.3 | 2189.9 |
| 658.0 | 12.5° | 701.2 | 775.5 | 899.3 | 1069.8 | 1313.9 | 1601.2 | 1880.7 | 2120.6 | 2223.2 | 2300.3 |
| 580.2 | 15° | 607.1 | 659.5 | 769.1 | 953.1 | 1223.4 | 1551.0 | 1883.5 | 2161.6 | 2274.1 | 2354.8 |
| 547.7 | 17.5° | 554.7 | 572.4 | 643.9 | 834.2 | 1122.9 | 1485.2 | 1857.4 | 2175.8 | 2296.0 | 2371.0 |
| 518.6 | 20° | 526.4 | 529.3 | 549.1 | 680.0 | 994.1 | 1423.6 | 1832.6 | 2189.9 | 2316.6 | 2379.5 |
| 498.1 | 22.5° | 503.8 | 503.8 | 508.7 | 556.1 | 827.9 | 1350.0 | 1824.8 | 2214.7 | 2344.9 | 2383.8 |
| 474.8 | 25° | 483.3 | 483.3 | 484.7 | 497.4 | 655.9 | 1237.5 | 1819.9 | 2252.9 | 2383.8 | 2394.4 |
| 451.4 | 27.5° | 462.0 | 462.7 | 462.7 | 469.8 | 528.6 | 1084.7 | 1798.6 | 2302.4 | 2430.5 | 2408.5 |
| 428.8 | 30° | 440.8 | 442.2 | 442.2 | 447.2 | 467.7 | 905.7 | 1756.9 | 2361.9 | 2491.3 | 2426.9 |
| 406.1 | 32.5° | 419.6 | 421.0 | 421.0 | 425.2 | 440.1 | 723.1 | 1704.5 | 2416.3 | 2552.9 | 2434.7 |
| 384.2 | 35° | 397.7 | 399.8 | 398.4 | 404.0 | 419.6 | 575.3 | 1638.0 | 2470.8 | 2619.4 | 2459.5 |
| 363.0 | 37.5° | 375.7 | 377.1 | 376.4 | 382.1 | 399.8 | 496.7 | 1560.9 | 2511.9 | 2710.0 | 2514.7 |
| 340.3 | 40° | 353.8 | 353.1 | 353.1 | 359.4 | 378.5 | 474.1 | 1464.0 | 2577.0 | 2840.2 | 2611.6 |
| 317.7 | 42.5° | 331.1 | 331.1 | 329.7 | 336.8 | 360.2 | 457.1 | 1371.3 | 2693.7 | 3029.8 | 2765.9 |
| 296.5 | 45° | 310.6 | 309.9 | 307.1 | 313.5 | 342.5 | 427.4 | 1338.7 | 2911.6 | 3310.0 | 3015.6 |
| 275.2 | 47.5° | 290.8 | 290.1 | 283.0 | 288.7 | 321.2 | 400.5 | 1460.4 | 3268.2 | 3698.4 | 3382.9 |
| 258.3 | 50° | 273.1 | 273.8 | 260.4 | 265.3 | 300.0 | 380.0 | 1724.3 | 3731.0 | 4214.3 | 3877.5 |
| 244.1 | 52.5° | 256.8 | 256.8 | 239.2 | 242.0 | 273.8 | 361.6 | 1975.5 | 4232.7 | 4894.9 | 4567.3 |
| 229.3 | 55° | 240.6 | 239.2 | 219.3 | 220.8 | 247.6 | 335.4 | 2013.0 | 4722.3 | 5823.3 | 5605.3 |
| 213.0 | 57.5° | 222.2 | 219.3 | 200.9 | 200.9 | 223.6 | 316.3 | 1744.9 | 5098.7 | 6975.2 | 7130.8 |
| 182.6 | 60° | 199.5 | 197.4 | 185.4 | 181.8 | 204.5 | 333.3 | 1231.2 | 5142.6 | 7718.1 | 9159.4 |
| 145.1 | 62.5° | 170.5 | 173.4 | 167.0 | 162.0 | 186.1 | 346.0 | 729.5 | 4789.5 | 7538.4 | 9804.7 |
| 112.5 | 65° | 134.4 | 145.8 | 144.3 | 140.8 | 204.5 | 291.5 | 430.9 | 4111.7 | 6987.2 | 9284.0 |
| 98.4 | 67.5° | 114.6 | 122.4 | 120.3 | 120.3 | 214.4 | 221.5 | 271.0 | 3212.3 | 6228.7 | 8666.3 |
| 82.1 | 70° | 97.6 | 105.4 | 97.6 | 97.6 | 162.0 | 134.4 | 187.5 | 2243.0 | 5410.0 | 7982.7 |
| 65.8 | 72.5° | 80.7 | 88.4 | 80.0 | 74.3 | 129.5 | 100.5 | 137.3 | 1401.7 | 4633.1 | 7270.9 |
| 46.7 | 75° | 61.6 | 70.8 | 64.4 | 57.3 | 85.6 | 75.0 | 104.0 | 814.4 | 3838.5 | 6220.9 |
| 28.3 | 77.5° | 38.9 | 50.9 | 48.1 | 40.3 | 63.0 | 54.5 | 75.0 | 484.7 | 2961.9 | 4861.0 |
| 17.0 | 80° | 24.1 | 26.2 | 26.9 | 25.5 | 36.1 | 36.8 | 50.9 | 276.0 | 2027.2 | 3387.8 |
| 10.6 | 82.5° | 15.6 | 15.6 | 12.0 | 13.4 | 17.7 | 21.2 | 29.0 | 104.0 | 1191.5 | 2062.6 |
| 6.4 | 85° | 11.3 | 9.9 | 6.4 | 6.4 | 8.5 | 10.6 | 11.3 | 31.8 | 483.3 | 814.4 |
| 2.8 | 87.5° | 5.7 | 5.0 | 2.1 | 2.8 | 4.2 | 3.5 | 2.8 | 1.4 | 121.7 | 260.4 |
| 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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