

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: P952086

Luminaire Tested: **GALN-SB6A-750-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952086
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-SB6A-750-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 5000K, 350mA 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: 21964 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

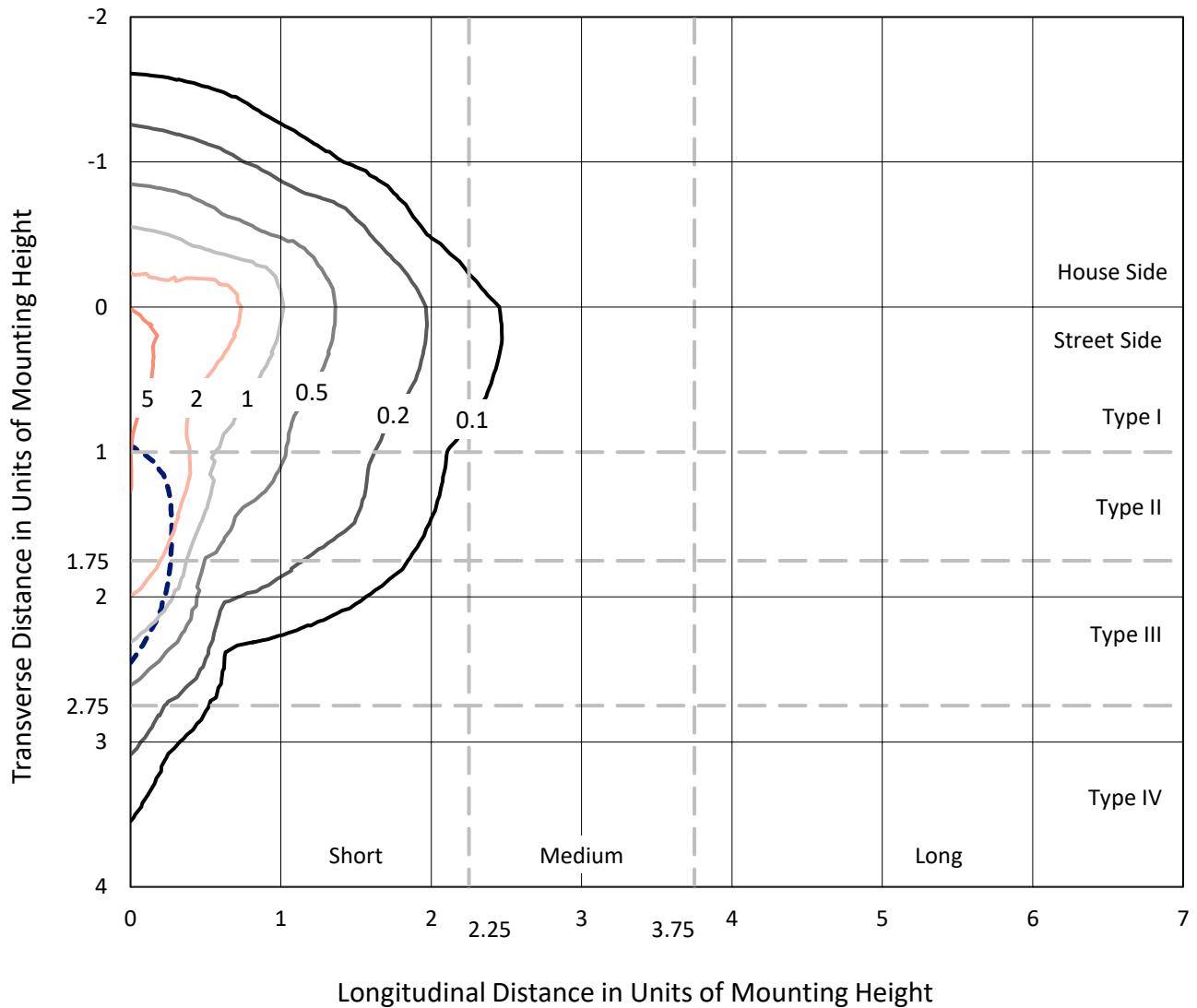
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P952086
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Iso-Footcandle Lines of Horizontal Illumination

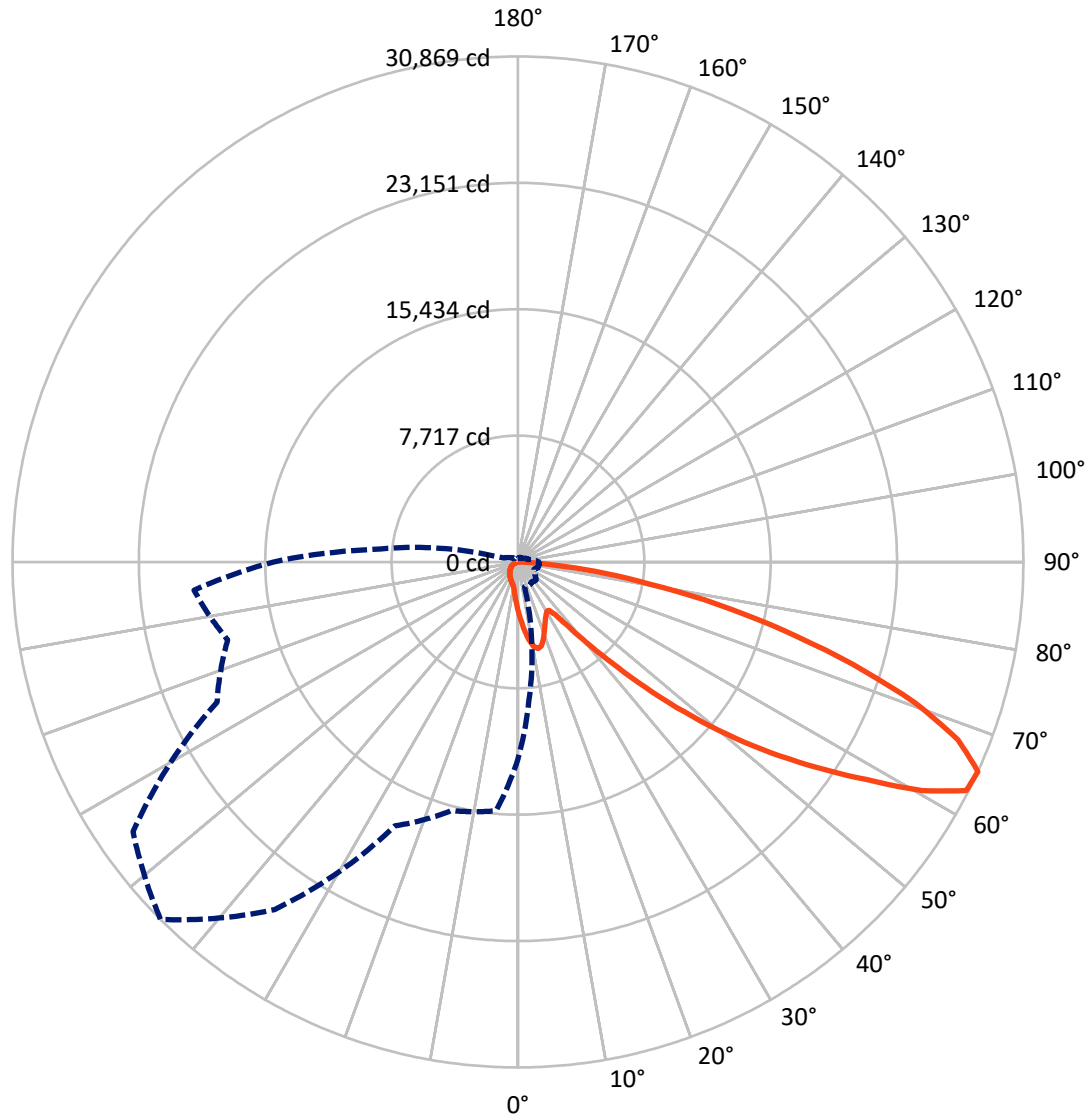
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P952086
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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3075.9 | 0.0 | 3075.9 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 18888.1 | 0.0 | 18888.1 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 21964.0 | 0.0 | 21964.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 299.4 | 1.4 |
| 10°-20° | 897.6 | 4.1 |
| 20°-30° | 1322.3 | 6.0 |
| 30°-40° | 1698.8 | 7.7 |
| 40°-50° | 2747.5 | 12.5 |
| 50°-60° | 4818.1 | 21.9 |
| 60°-70° | 6028.7 | 27.4 |
| 70°-80° | 3522.9 | 16.0 |
| 80°-90° | 628.5 | 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° | 21964.0 | 100.0 |
| 0°-180° | 21964.0 | 100.0 |

Coefficient of Utilization



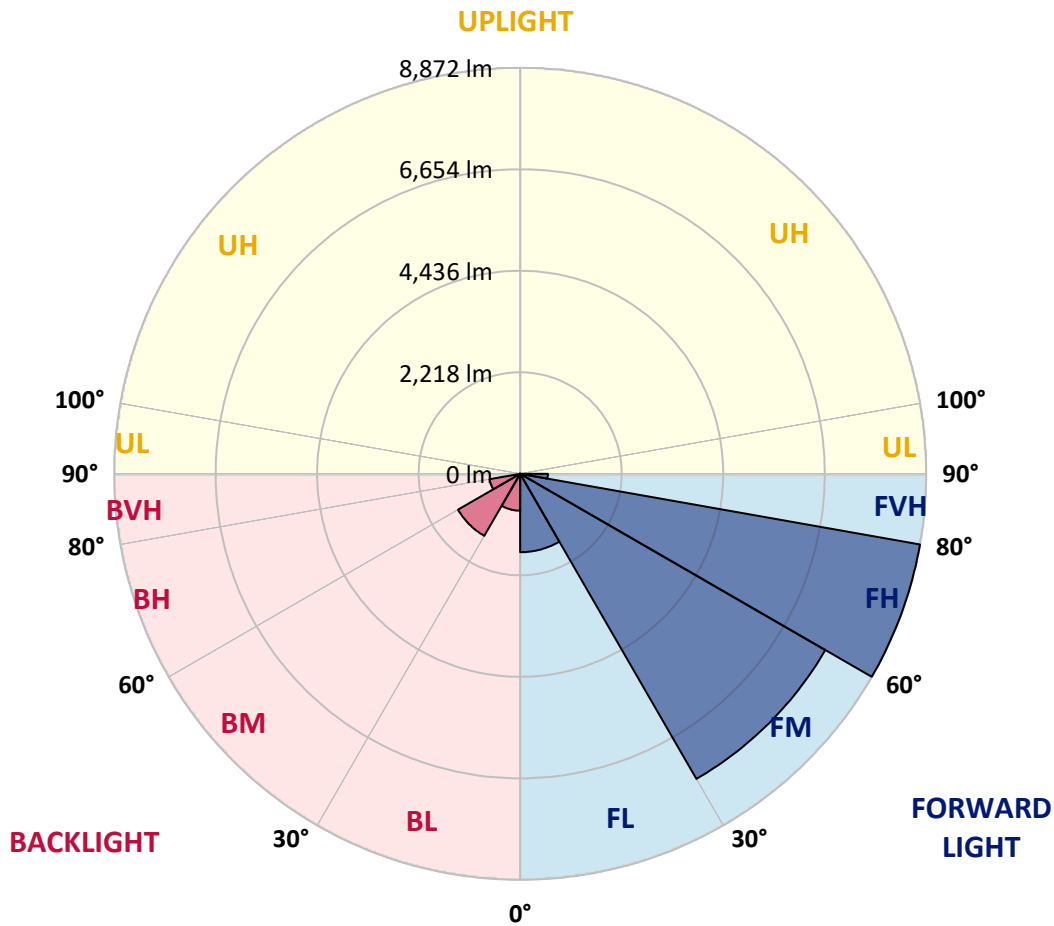
REPORT NUMBER: P952086
 CATALOG NUMBER: GALN-SB6A-750-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1713.1 | 7.8 | | | |
| FM (30°-60°) | 7698.1 | 35.0 | | | |
| FH (60°-80°) | 8872.5 | 40.4 | | | G4/12000 |
| FVH (80°-90°) | 604.4 | 2.8 | | | G4/750 |
| BL (0°-30°) | 806.2 | 3.7 | B2/1000 | | |
| BM (30°-60°) | 1566.3 | 7.1 | B2/2500 | | |
| BH (60°-80°) | 679.2 | 3.1 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 24.1 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G4

Type IV Short



REPORT NUMBER: P952086
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 |
| 2.5° | 3436.2 | 3377.2 | 3342.4 | 3256.2 | 3169.9 | 3100.3 | 3006.5 | 2944.5 | 2870.3 | 2799.2 |
| 5° | 3829.6 | 3734.3 | 3619.3 | 3462.0 | 3318.2 | 3171.4 | 3029.2 | 2888.5 | 2740.2 | 2604.0 |
| 7.5° | 4162.5 | 4024.8 | 3822.1 | 3613.3 | 3430.2 | 3253.1 | 3086.7 | 2900.6 | 2720.5 | 2507.2 |
| 10° | 4416.7 | 4241.2 | 3974.9 | 3701.0 | 3490.7 | 3312.2 | 3150.3 | 2992.9 | 2811.3 | 2554.1 |
| 12.5° | 4571.0 | 4383.4 | 4067.2 | 3746.4 | 3505.8 | 3306.1 | 3180.5 | 3110.9 | 3039.8 | 2784.1 |
| 15° | 4684.5 | 4481.8 | 4132.2 | 3778.2 | 3471.0 | 3225.9 | 3133.6 | 3203.2 | 3284.9 | 3121.5 |
| 17.5° | 4802.5 | 4589.2 | 4217.0 | 3791.8 | 3377.2 | 3070.1 | 3030.7 | 3210.8 | 3399.9 | 3392.3 |
| 20° | 4914.5 | 4702.7 | 4291.1 | 3782.7 | 3225.9 | 2880.9 | 2915.7 | 3145.7 | 3365.1 | 3457.4 |
| 22.5° | 5043.1 | 4819.2 | 4362.2 | 3747.9 | 3029.2 | 2703.9 | 2812.8 | 3042.8 | 3235.0 | 3343.9 |
| 25° | 5200.5 | 4966.0 | 4462.1 | 3696.5 | 2817.4 | 2557.1 | 2708.4 | 2923.3 | 3079.1 | 3154.8 |
| 27.5° | 5370.0 | 5141.5 | 4595.3 | 3669.2 | 2646.4 | 2452.7 | 2590.4 | 2781.1 | 2920.3 | 2973.2 |
| 30° | 5580.3 | 5345.7 | 4752.6 | 3639.0 | 2534.4 | 2392.2 | 2467.9 | 2616.1 | 2752.3 | 2805.3 |
| 32.5° | 5810.3 | 5572.7 | 4903.9 | 3566.4 | 2466.3 | 2346.8 | 2348.3 | 2442.1 | 2566.2 | 2629.8 |
| 35° | 6097.8 | 5845.1 | 5065.8 | 3407.5 | 2411.9 | 2293.8 | 2231.8 | 2277.2 | 2380.1 | 2455.7 |
| 37.5° | 6507.8 | 6202.2 | 5264.0 | 3180.5 | 2331.7 | 2212.1 | 2109.2 | 2119.8 | 2198.5 | 2281.7 |
| 40° | 7073.7 | 6681.8 | 5497.1 | 2944.5 | 2216.7 | 2097.1 | 1974.6 | 1970.0 | 2027.5 | 2109.2 |
| 42.5° | 7839.3 | 7315.8 | 5777.0 | 2719.0 | 2106.2 | 1957.9 | 1832.4 | 1824.8 | 1870.2 | 1941.3 |
| 45° | 8850.1 | 8126.8 | 6120.4 | 2525.3 | 2020.0 | 1821.8 | 1697.7 | 1694.7 | 1732.5 | 1794.5 |
| 47.5° | 10143.8 | 9254.1 | 6463.9 | 2393.7 | 1974.6 | 1714.3 | 1587.2 | 1593.3 | 1626.6 | 1682.6 |
| 50° | 11818.7 | 10723.3 | 6568.3 | 2327.1 | 1974.6 | 1656.8 | 1488.9 | 1519.1 | 1546.4 | 1588.7 |
| 52.5° | 13826.6 | 12133.5 | 6223.3 | 2266.6 | 1986.7 | 1664.4 | 1405.7 | 1470.7 | 1490.4 | 1526.7 |
| 55° | 15687.7 | 12825.0 | 5350.3 | 2183.4 | 1989.7 | 1711.3 | 1334.5 | 1431.4 | 1467.7 | 1481.3 |
| 57.5° | 16768.1 | 12587.4 | 4325.9 | 2042.7 | 1977.6 | 1743.1 | 1289.2 | 1383.0 | 1452.6 | 1461.6 |
| 60° | 16562.3 | 11753.7 | 3185.1 | 1935.2 | 1888.3 | 1731.0 | 1275.5 | 1308.8 | 1419.3 | 1432.9 |
| 62.5° | 14976.6 | 10355.6 | 2210.6 | 1852.0 | 1691.6 | 1678.0 | 1271.0 | 1192.3 | 1346.7 | 1379.9 |
| 65° | 12038.1 | 8152.5 | 1561.5 | 1594.8 | 1482.8 | 1563.0 | 1246.8 | 1071.3 | 1258.9 | 1304.3 |
| 67.5° | 8733.6 | 5516.7 | 1127.3 | 1292.2 | 1343.6 | 1376.9 | 1192.3 | 983.5 | 1159.0 | 1219.6 |
| 70° | 5604.5 | 2979.3 | 791.3 | 853.4 | 1131.8 | 1169.6 | 1098.5 | 904.8 | 1057.7 | 1127.3 |
| 72.5° | 3984.0 | 1759.7 | 568.9 | 597.7 | 909.4 | 974.4 | 966.9 | 817.1 | 939.6 | 1024.4 |
| 75° | 2749.3 | 969.9 | 384.3 | 426.7 | 659.7 | 791.3 | 746.0 | 702.1 | 795.9 | 882.1 |
| 77.5° | 1723.4 | 434.3 | 230.0 | 296.6 | 432.7 | 621.9 | 511.4 | 543.2 | 620.4 | 700.6 |
| 80° | 959.3 | 168.0 | 128.6 | 196.7 | 236.0 | 452.4 | 282.9 | 349.5 | 457.0 | 514.5 |
| 82.5° | 208.8 | 21.2 | 57.5 | 84.7 | 92.3 | 263.3 | 149.8 | 202.8 | 287.5 | 282.9 |
| 85° | 0.0 | 0.0 | 10.6 | 12.1 | 6.1 | 113.5 | 54.5 | 66.6 | 93.8 | 87.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 |
| 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):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3041.3 | 0° | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 |
| 2735.7 | 2.5° | 2723.6 | 2649.4 | 2594.9 | 2567.7 | 2545.0 | 2566.2 | 2578.3 | 2578.3 | 2629.8 | 2660.0 |
| 2520.8 | 5° | 2467.9 | 2334.7 | 2233.3 | 2165.2 | 2124.4 | 2138.0 | 2153.1 | 2169.8 | 2234.8 | 2278.7 |
| 2393.7 | 7.5° | 2290.8 | 2086.6 | 1932.2 | 1836.9 | 1787.0 | 1794.5 | 1805.1 | 1818.7 | 1882.3 | 1926.2 |
| 2411.9 | 10° | 2257.5 | 1964.0 | 1746.1 | 1620.5 | 1560.0 | 1549.4 | 1543.4 | 1538.8 | 1576.6 | 1609.9 |
| 2617.6 | 12.5° | 2393.7 | 1970.0 | 1665.9 | 1513.1 | 1438.9 | 1407.2 | 1370.9 | 1342.1 | 1348.2 | 1369.3 |
| 2929.3 | 15° | 2637.3 | 2047.2 | 1640.2 | 1457.1 | 1364.8 | 1311.8 | 1269.5 | 1234.7 | 1227.1 | 1234.7 |
| 3201.7 | 17.5° | 2915.7 | 2151.6 | 1637.2 | 1408.7 | 1293.7 | 1239.2 | 1204.4 | 1172.6 | 1162.1 | 1163.6 |
| 3354.5 | 20° | 3100.3 | 2234.8 | 1628.1 | 1354.2 | 1225.6 | 1177.2 | 1146.9 | 1115.1 | 1104.6 | 1107.6 |
| 3312.2 | 22.5° | 3118.5 | 2278.7 | 1614.5 | 1293.7 | 1157.5 | 1116.7 | 1086.4 | 1057.7 | 1056.1 | 1056.1 |
| 3153.3 | 25° | 3020.1 | 2278.7 | 1585.7 | 1239.2 | 1092.5 | 1056.1 | 1028.9 | 994.1 | 1000.2 | 1003.2 |
| 2973.2 | 27.5° | 2867.3 | 2224.2 | 1531.2 | 1195.3 | 1036.5 | 998.6 | 971.4 | 939.6 | 947.2 | 951.7 |
| 2805.3 | 30° | 2716.0 | 2154.6 | 1466.2 | 1145.4 | 983.5 | 939.6 | 920.0 | 892.7 | 895.7 | 901.8 |
| 2638.8 | 32.5° | 2575.3 | 2080.5 | 1389.0 | 1104.6 | 930.6 | 886.7 | 871.5 | 841.3 | 845.8 | 851.9 |
| 2475.4 | 35° | 2436.1 | 1998.8 | 1298.2 | 1056.1 | 882.1 | 838.3 | 826.1 | 791.3 | 794.4 | 803.5 |
| 2312.0 | 37.5° | 2286.3 | 1912.5 | 1224.1 | 1007.7 | 835.2 | 789.8 | 777.7 | 741.4 | 744.4 | 755.0 |
| 2142.5 | 40° | 2128.9 | 1827.8 | 1151.5 | 956.3 | 785.3 | 739.9 | 729.3 | 690.0 | 693.0 | 705.1 |
| 1976.1 | 42.5° | 1970.0 | 1735.5 | 1095.5 | 889.7 | 733.8 | 685.4 | 674.8 | 638.5 | 643.1 | 656.7 |
| 1830.8 | 45° | 1823.3 | 1625.1 | 1059.2 | 815.6 | 685.4 | 631.0 | 620.4 | 587.1 | 596.2 | 611.3 |
| 1708.3 | 47.5° | 1697.7 | 1511.6 | 1044.0 | 753.5 | 634.0 | 575.0 | 565.9 | 538.7 | 553.8 | 570.4 |
| 1603.9 | 50° | 1590.3 | 1402.6 | 1024.4 | 690.0 | 585.6 | 526.6 | 517.5 | 499.3 | 519.0 | 535.6 |
| 1532.8 | 52.5° | 1513.1 | 1278.6 | 982.0 | 632.5 | 543.2 | 485.7 | 482.7 | 473.6 | 491.8 | 506.9 |
| 1479.8 | 55° | 1446.5 | 1149.9 | 913.9 | 582.5 | 505.4 | 450.9 | 453.9 | 449.4 | 464.5 | 476.6 |
| 1448.0 | 57.5° | 1386.0 | 1038.0 | 827.7 | 543.2 | 464.5 | 420.6 | 429.7 | 423.7 | 431.2 | 438.8 |
| 1414.7 | 60° | 1313.4 | 924.5 | 724.8 | 499.3 | 416.1 | 390.4 | 401.0 | 384.3 | 382.8 | 385.8 |
| 1354.2 | 62.5° | 1205.9 | 771.7 | 617.3 | 444.8 | 373.7 | 357.1 | 361.6 | 329.9 | 305.6 | 305.6 |
| 1264.9 | 65° | 1056.1 | 620.4 | 517.5 | 384.3 | 325.3 | 311.7 | 308.7 | 263.3 | 230.0 | 227.0 |
| 1168.1 | 67.5° | 882.1 | 509.9 | 429.7 | 323.8 | 270.8 | 261.8 | 264.8 | 231.5 | 198.2 | 195.2 |
| 1071.3 | 70° | 718.7 | 422.2 | 346.5 | 258.7 | 208.8 | 217.9 | 231.5 | 198.2 | 166.4 | 161.9 |
| 957.8 | 72.5° | 584.1 | 335.9 | 270.8 | 198.2 | 154.3 | 180.1 | 196.7 | 161.9 | 131.6 | 128.6 |
| 817.1 | 75° | 450.9 | 246.6 | 193.7 | 134.7 | 112.0 | 139.2 | 154.3 | 118.0 | 93.8 | 89.3 |
| 632.5 | 77.5° | 301.1 | 152.8 | 108.9 | 84.7 | 66.6 | 95.3 | 102.9 | 62.0 | 54.5 | 53.0 |
| 460.0 | 80° | 183.1 | 71.1 | 46.9 | 40.9 | 22.7 | 34.8 | 40.9 | 25.7 | 28.7 | 30.3 |
| 245.1 | 82.5° | 92.3 | 19.7 | 7.6 | 1.5 | 0.0 | 0.0 | 12.1 | 6.1 | 12.1 | 15.1 |
| 66.6 | 85° | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 7.6 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 3041.3 | 0° | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 | 3041.3 |
| 2672.1 | 2.5° | 2756.9 | 2820.4 | 2880.9 | 2977.8 | 3077.6 | 3176.0 | 3275.8 | 3372.7 | 3407.5 | 3433.2 |
| 2307.5 | 5° | 2439.1 | 2558.6 | 2697.8 | 2890.0 | 3095.8 | 3307.6 | 3522.5 | 3719.2 | 3808.4 | 3869.0 |
| 1964.0 | 7.5° | 2110.8 | 2266.6 | 2466.3 | 2755.3 | 3077.6 | 3415.0 | 3752.5 | 4062.6 | 4206.4 | 4322.9 |
| 1640.2 | 10° | 1785.4 | 1954.9 | 2207.6 | 2537.5 | 2973.2 | 3457.4 | 3923.4 | 4350.1 | 4536.2 | 4683.0 |
| 1407.2 | 12.5° | 1499.5 | 1658.3 | 1923.1 | 2287.8 | 2809.8 | 3424.1 | 4021.8 | 4534.7 | 4754.1 | 4919.1 |
| 1240.7 | 15° | 1298.2 | 1410.2 | 1644.7 | 2038.1 | 2616.1 | 3316.7 | 4027.8 | 4622.5 | 4863.1 | 5035.6 |
| 1171.1 | 17.5° | 1186.3 | 1224.1 | 1376.9 | 1783.9 | 2401.3 | 3176.0 | 3971.9 | 4652.8 | 4910.0 | 5070.4 |
| 1109.1 | 20° | 1125.7 | 1131.8 | 1174.2 | 1454.1 | 2125.9 | 3044.3 | 3918.9 | 4683.0 | 4953.9 | 5088.5 |
| 1065.2 | 22.5° | 1077.3 | 1077.3 | 1087.9 | 1189.3 | 1770.3 | 2887.0 | 3902.3 | 4736.0 | 5014.4 | 5097.6 |
| 1015.3 | 25° | 1033.4 | 1033.4 | 1036.5 | 1063.7 | 1402.6 | 2646.4 | 3891.7 | 4817.7 | 5097.6 | 5120.3 |
| 965.4 | 27.5° | 988.0 | 989.6 | 989.6 | 1004.7 | 1130.3 | 2319.6 | 3846.3 | 4923.6 | 5197.5 | 5150.6 |
| 916.9 | 30° | 942.7 | 945.7 | 945.7 | 956.3 | 1000.2 | 1936.8 | 3757.0 | 5050.7 | 5327.6 | 5189.9 |
| 868.5 | 32.5° | 897.3 | 900.3 | 900.3 | 909.4 | 941.1 | 1546.4 | 3645.0 | 5167.2 | 5459.2 | 5206.5 |
| 821.6 | 35° | 850.4 | 854.9 | 851.9 | 864.0 | 897.3 | 1230.1 | 3502.8 | 5283.7 | 5601.5 | 5259.5 |
| 776.2 | 37.5° | 803.5 | 806.5 | 805.0 | 817.1 | 854.9 | 1062.2 | 3337.9 | 5371.5 | 5795.1 | 5377.5 |
| 727.8 | 40° | 756.5 | 755.0 | 755.0 | 768.6 | 809.5 | 1013.8 | 3130.6 | 5510.7 | 6073.5 | 5584.8 |
| 679.4 | 42.5° | 708.1 | 708.1 | 705.1 | 720.2 | 770.2 | 977.5 | 2932.4 | 5760.3 | 6479.1 | 5914.7 |
| 634.0 | 45° | 664.2 | 662.7 | 656.7 | 670.3 | 732.3 | 913.9 | 2862.8 | 6226.4 | 7078.2 | 6448.8 |
| 588.6 | 47.5° | 621.9 | 620.4 | 605.2 | 617.3 | 686.9 | 856.4 | 3123.0 | 6989.0 | 7908.9 | 7234.1 |
| 552.3 | 50° | 584.1 | 585.6 | 556.8 | 567.4 | 641.6 | 812.5 | 3687.4 | 7978.5 | 9012.0 | 8291.7 |
| 522.0 | 52.5° | 549.3 | 549.3 | 511.4 | 517.5 | 585.6 | 773.2 | 4224.5 | 9051.3 | 10467.6 | 9767.0 |
| 490.2 | 55° | 514.5 | 511.4 | 469.1 | 472.1 | 529.6 | 717.2 | 4304.7 | 10098.4 | 12452.7 | 11986.7 |
| 455.4 | 57.5° | 475.1 | 469.1 | 429.7 | 429.7 | 478.1 | 676.4 | 3731.3 | 10903.3 | 14916.0 | 15248.9 |
| 390.4 | 60° | 426.7 | 422.2 | 396.4 | 388.9 | 437.3 | 712.7 | 2632.8 | 10997.1 | 16504.8 | 19587.0 |
| 310.2 | 62.5° | 364.7 | 370.7 | 357.1 | 346.5 | 397.9 | 739.9 | 1560.0 | 10242.1 | 16120.5 | 20966.9 |
| 240.6 | 65° | 287.5 | 311.7 | 308.7 | 301.1 | 437.3 | 623.4 | 921.5 | 8792.6 | 14941.8 | 19853.3 |
| 210.3 | 67.5° | 245.1 | 261.8 | 257.2 | 257.2 | 458.5 | 473.6 | 579.5 | 6869.4 | 13319.7 | 18532.3 |
| 175.5 | 70° | 208.8 | 225.5 | 208.8 | 208.8 | 346.5 | 287.5 | 401.0 | 4796.5 | 11569.1 | 17070.7 |
| 140.7 | 72.5° | 172.5 | 189.1 | 171.0 | 158.9 | 276.9 | 214.9 | 293.5 | 2997.4 | 9907.7 | 15548.5 |
| 99.9 | 75° | 131.6 | 151.3 | 137.7 | 122.6 | 183.1 | 160.4 | 222.4 | 1741.6 | 8208.5 | 13303.1 |
| 60.5 | 77.5° | 83.2 | 108.9 | 102.9 | 86.2 | 134.7 | 116.5 | 160.4 | 1036.5 | 6333.8 | 10394.9 |
| 36.3 | 80° | 51.4 | 56.0 | 57.5 | 54.5 | 77.2 | 78.7 | 108.9 | 590.1 | 4335.0 | 7244.7 |
| 22.7 | 82.5° | 33.3 | 33.3 | 25.7 | 28.7 | 37.8 | 45.4 | 62.0 | 222.4 | 2548.0 | 4410.7 |
| 13.6 | 85° | 24.2 | 21.2 | 13.6 | 13.6 | 18.2 | 22.7 | 24.2 | 68.1 | 1033.4 | 1741.6 |
| 6.1 | 87.5° | 12.1 | 10.6 | 4.5 | 6.1 | 9.1 | 7.6 | 6.1 | 3.0 | 260.3 | 556.8 |
| 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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| 4321.4 | 37.5° | 4383.4 | 4698.1 | 4999.2 | 4943.3 | 4657.3 | 5129.4 | 6364.1 | 6507.8 |
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