Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1198407

Luminaire Tested: GPC-SB1C-827-U-SL3

Issue Date: 10/30/2025

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Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-2024 |
| Report Number: | P1198407 |
| | TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12) |
| Test Lab: | INNOVATION CENTER |
| Issue Date: | 3/15/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GPC-SB1C-827-U-SL3 |
| Description: | GALLEON PEDESTRIAN LUMINAIRE |
| | (1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS |
| Light Source: | - |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 6399 lumens |
| Efficiency: | N/A |
| Efficacy: | 117.6 lumens/watt |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |
| IES Classification: | Type IV - Medium |
| BUG Rating: | B1 - U0 - G2 |

| | |
|---|---|
| Input Watts (W): | 54.4 |
| Input Voltage (V): | 120.0 |
| Input Current (Ain): | 0.437 |
| Voltage Rise (V): | NR |
| Power Factor: | 0.993 |
| Total Harmonic Distortion (THDi): | 9.314 |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

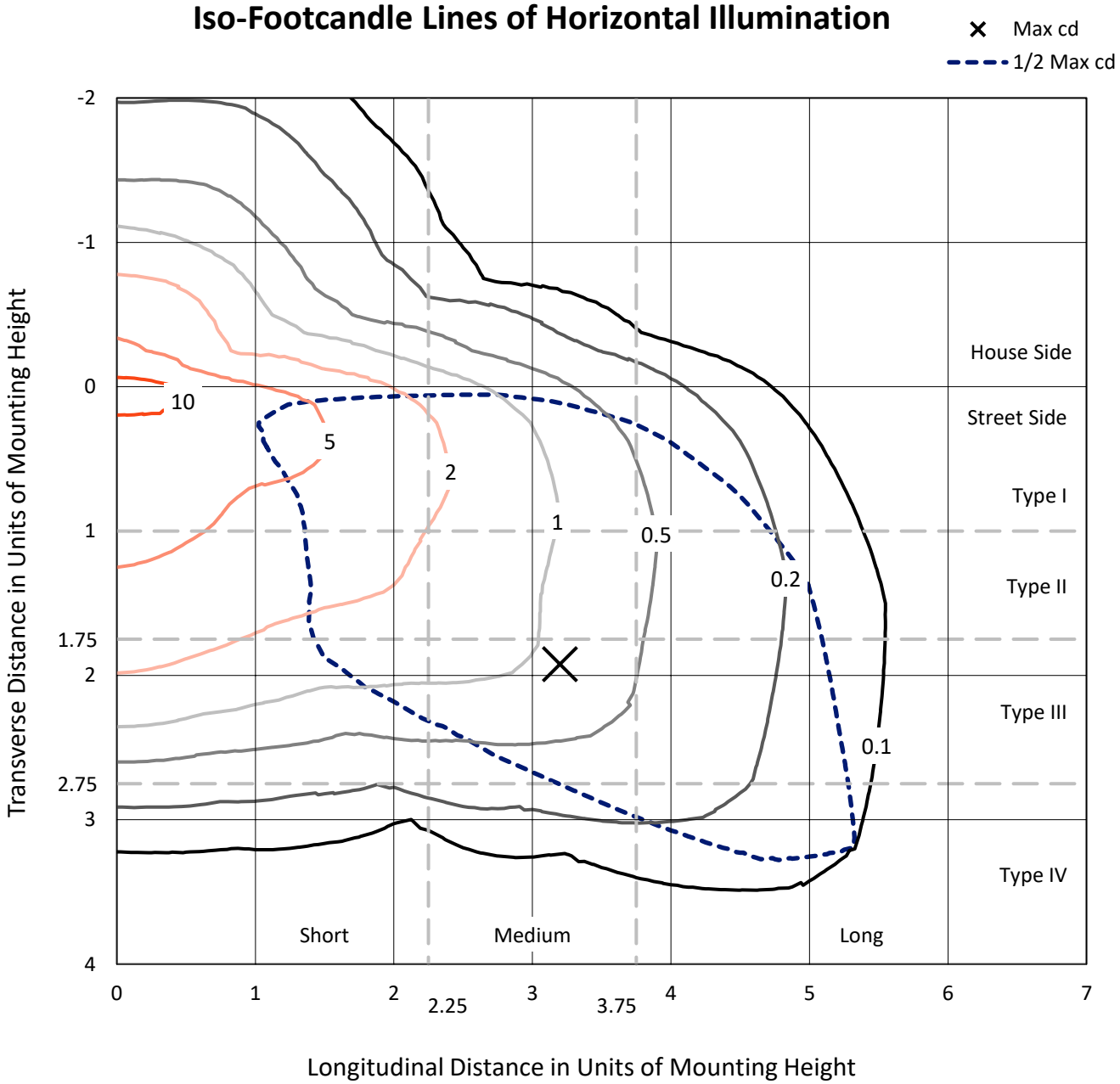


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## Iso-Footcandle Lines of Horizontal Illumination



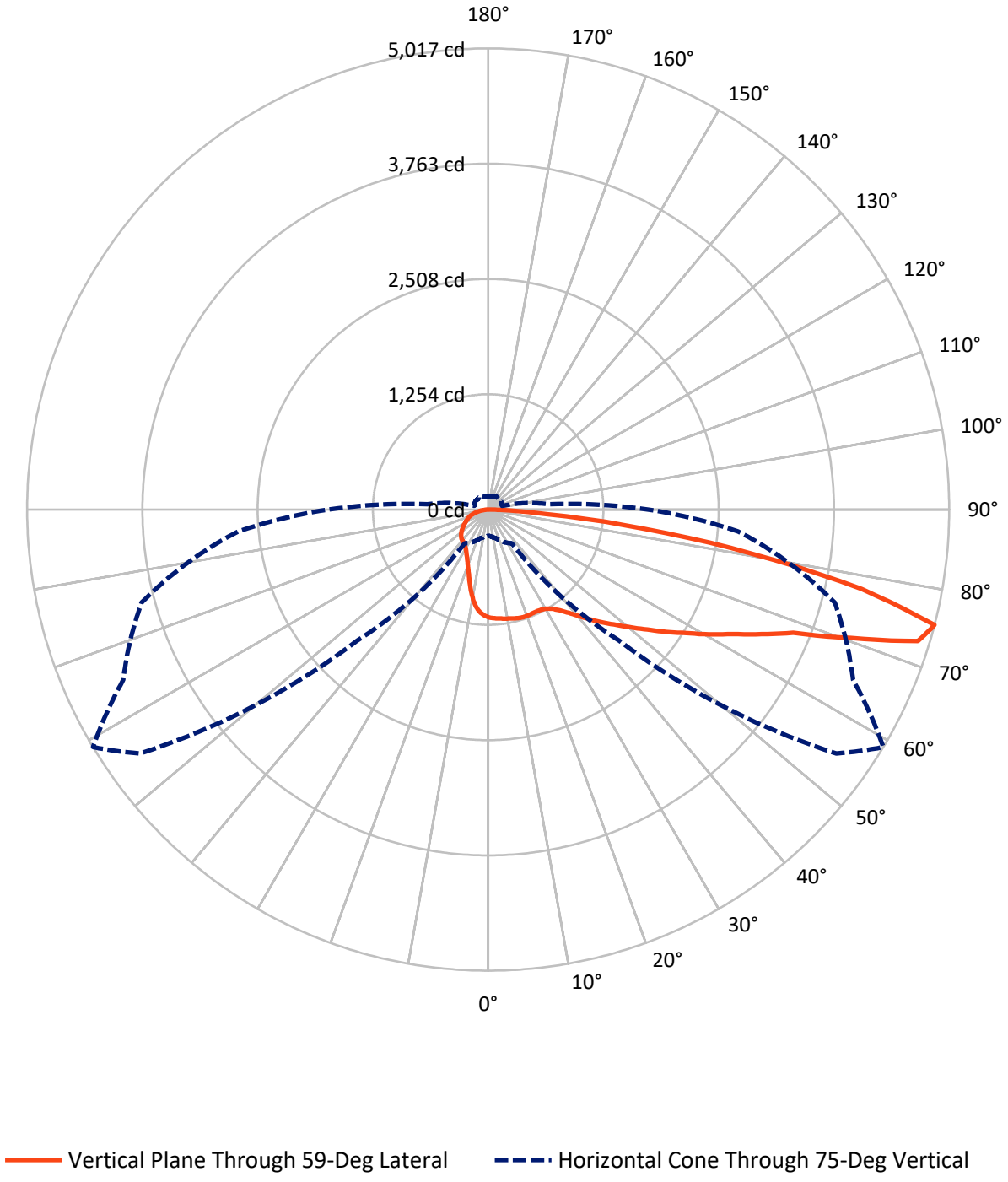

Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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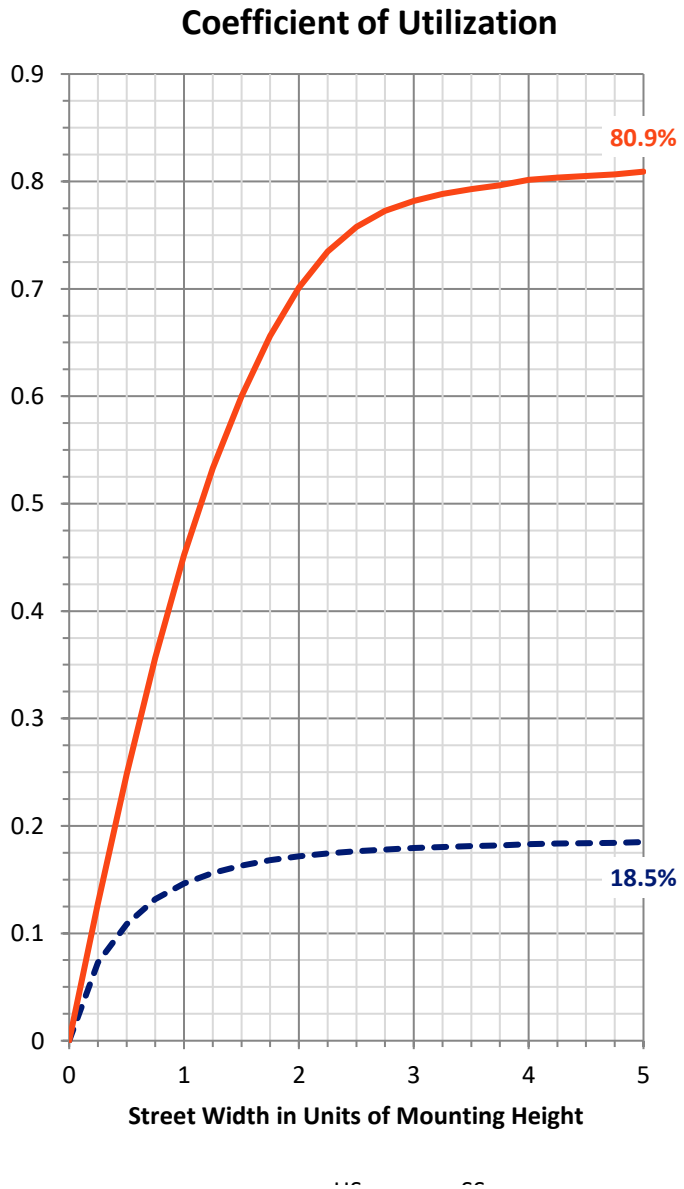
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 1200.2 | 0.0 | 1200.2 |
| | % Fixture | 18.8 | 0.0 | 18.8 |
| **Street Side** | Lumens | 5198.8 | 0.0 | 5198.8 |
| | % Fixture | 81.2 | 0.0 | 81.2 |
| **Total** | Lumens | 6399.0 | 0.0 | 6399.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 105.3 | 1.6 |
| 10°-20° | 269.2 | 4.2 |
| 20°-30° | 408.9 | 6.4 |
| 30°-40° | 607.8 | 9.5 |
| 40°-50° | 903.9 | 14.1 |
| 50°-60° | 1226.9 | 19.2 |
| 60°-70° | 1497.9 | 23.4 |
| 70°-80° | 1175.5 | 18.4 |
| 80°-90° | 203.6 | 3.2 |
| 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° | 6399.0 | 100.0 |
| 0°-180° | 6399.0 | 100.0 |



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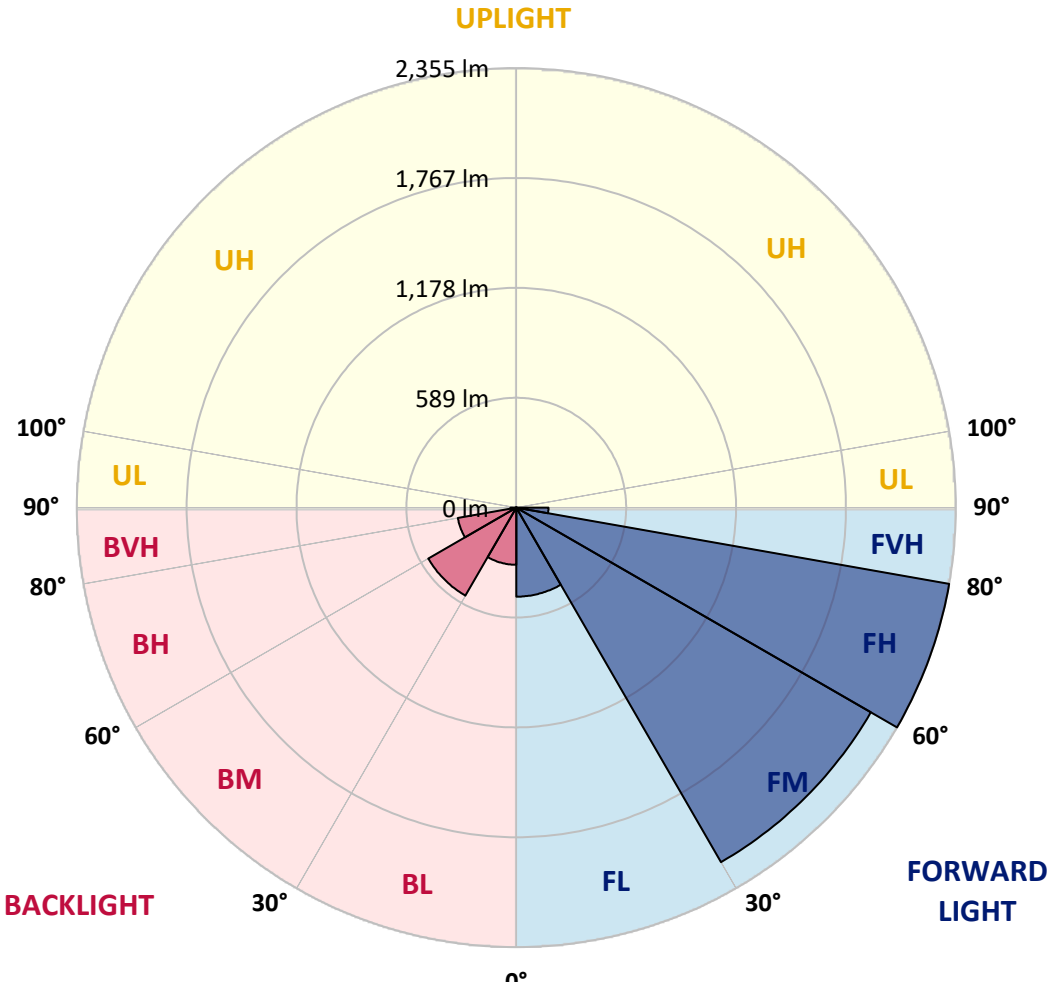
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 477.1 | 7.5 | | | |
| FM | (30°-60°) | 2193.8 | 34.3 | | | |
| FH | (60°-80°) | 2355.4 | 36.8 | | | G2/5000 |
| FVH | (80°-90°) | 172.5 | 2.7 | | | G2/225 |
| BL | (0°-30°) | 306.3 | 4.8 | B1/500 | | |
| BM | (30°-60°) | 544.8 | 8.5 | B1/1000 | | |
| BH | (60°-80°) | 318.0 | 5.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 31.2 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B1-U0-G2**
Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 59° | 65° | 75° | 85° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | *1174.5* | 1174.5 | 1174.5 | 1174.5 |
| 2.5° | 1184.5 | 1180.4 | 1184.5 | 1182.8 | 1182.1 | 1180.7 | 1181.1 | *1183.5* | 1182.1 | 1183.8 | 1178.0 |
| 5° | 1176.6 | 1174.2 | 1178.3 | 1177.3 | 1181.8 | 1182.4 | 1186.9 | *1189.7* | 1191.4 | 1191.7 | 1187.3 |
| 7.5° | 1163.5 | 1161.1 | 1166.9 | 1171.8 | 1181.4 | 1184.2 | 1193.5 | *1197.9* | 1200.3 | 1204.5 | 1197.9 |
| 10° | 1115.7 | 1114.6 | 1129.1 | 1147.3 | 1170.0 | 1184.2 | 1198.3 | *1205.8* | 1209.6 | 1220.6 | 1213.1 |
| 12.5° | 1031.0 | 1032.4 | 1051.3 | 1086.4 | 1131.8 | 1177.3 | 1203.8 | *1214.8* | 1220.6 | 1234.4 | 1231.0 |
| 15° | 950.1 | 949.7 | 970.4 | 1007.9 | 1071.6 | 1147.0 | 1206.5 | *1225.5* | 1235.5 | 1255.8 | 1253.0 |
| 17.5° | 903.3 | 901.9 | 916.3 | 944.9 | 1004.1 | 1100.5 | 1199.7 | *1231.3* | 1252.7 | 1278.1 | 1275.7 |
| 20° | 894.7 | 891.9 | 899.5 | 913.6 | 955.6 | 1049.6 | 1181.8 | *1231.3* | 1266.4 | 1299.5 | 1298.1 |
| 22.5° | 926.0 | 921.5 | 918.4 | 916.7 | 935.3 | 1007.6 | 1161.4 | *1227.2* | 1286.7 | 1330.1 | 1327.7 |
| 25° | 989.0 | 982.1 | 966.3 | 950.8 | 945.3 | 988.6 | 1143.5 | *1226.2* | 1317.0 | 1371.4 | 1362.5 |
| 27.5° | 1090.9 | 1082.3 | 1050.3 | 1013.1 | 979.7 | 998.3 | 1135.6 | *1232.4* | 1350.4 | 1415.1 | 1397.2 |
| 30° | 1217.2 | 1207.9 | 1167.6 | 1110.5 | 1050.6 | 1034.1 | 1145.6 | *1250.6* | 1393.1 | 1473.3 | 1438.2 |
| 32.5° | 1330.5 | 1320.1 | 1285.7 | 1227.5 | 1146.6 | 1096.0 | 1177.3 | *1285.4* | 1460.2 | 1554.2 | 1499.8 |
| 35° | 1431.0 | 1418.9 | 1387.9 | 1334.2 | 1264.4 | 1183.1 | 1234.4 | *1347.0* | 1555.6 | 1685.7 | 1583.5 |
| 37.5° | 1529.4 | 1515.3 | 1481.6 | 1424.8 | 1375.9 | 1299.1 | 1313.2 | *1426.2* | 1682.3 | 1845.4 | 1694.3 |
| 40° | 1639.6 | 1619.3 | 1578.3 | 1522.2 | 1474.7 | 1435.1 | 1416.9 | *1523.2* | 1811.0 | 2023.7 | 1832.7 |
| 42.5° | 1746.3 | 1727.0 | 1678.1 | 1630.3 | 1570.7 | 1559.4 | 1537.0 | *1636.8* | 1951.8 | 2219.6 | 1973.1 |
| 45° | 1861.3 | 1838.2 | 1779.0 | 1718.4 | 1680.9 | 1642.0 | 1653.3 | *1750.4* | 2089.8 | 2419.3 | 2120.5 |
| 47.5° | 1969.0 | 1943.2 | 1873.3 | 1805.8 | 1785.2 | 1711.5 | 1760.1 | *1875.4* | 2233.4 | 2621.7 | 2266.4 |
| 50° | 2027.2 | 2001.7 | 1943.5 | 1882.6 | 1866.4 | 1797.2 | 1875.7 | *2012.7* | 2383.8 | 2823.4 | 2406.5 |
| 52.5° | 2075.7 | 2048.2 | 1972.1 | 1938.4 | 1933.6 | 1890.5 | 2018.2 | *2169.7* | 2534.2 | 3001.7 | 2541.8 |
| 55° | 2127.4 | 2096.7 | 1999.6 | 1969.4 | 1991.4 | 1995.2 | 2187.3 | *2347.7* | 2693.3 | 3175.5 | 2669.5 |
| 57.5° | 2186.9 | 2148.0 | 2026.2 | 1995.5 | 2047.8 | 2117.7 | 2381.4 | *2532.2* | 2849.6 | 3336.6 | 2783.1 |
| 60° | 2243.0 | 2203.8 | 2077.1 | 2037.2 | 2108.8 | 2259.9 | 2604.1 | *2755.6* | 3026.5 | 3480.2 | 2890.5 |
| 62.5° | 2254.0 | 2221.7 | 2117.7 | 2117.4 | 2191.4 | 2425.8 | 2867.8 | *2981.1* | 3181.1 | 3622.0 | 2986.9 |
| 65° | 2063.3 | 2043.0 | 1981.4 | 2114.3 | 2309.8 | 2664.7 | 3161.4 | *3269.5* | 3377.6 | 3745.9 | 3071.6 |
| 67.5° | 1570.4 | 1573.1 | 1568.7 | 1825.1 | 2214.1 | 3007.9 | 3586.6 | *3578.3* | 3620.3 | 3885.0 | 3169.0 |
| 70° | 718.1 | 734.2 | 839.6 | 1259.9 | 1773.8 | 3047.5 | 4289.5 | *4182.4* | 3924.9 | 4065.0 | 3253.3 |
| 72.5° | 388.0 | 400.3 | 443.4 | 610.3 | 1066.4 | 2709.5 | 4814.8 | *4890.9* | 4330.1 | 4186.2 | 3160.7 |
| 75° | *284.7* | *291.6* | *321.5* | *388.0* | *447.8* | *2013.8* | *4626.5* | *5016.8* | *4380.7* | *3903.6* | *2729.4* |
| 77.5° | 213.1 | 216.2 | 240.6 | 307.4 | 229.3 | 1061.6 | 3696.7 | *4154.9* | 3750.1 | 3207.2 | 2016.2 |
| 80° | 154.6 | 158.0 | 176.2 | 230.6 | 160.8 | 388.3 | 2538.4 | *2916.3* | 2568.3 | 2044.4 | 1004.8 |
| 82.5° | 106.7 | 108.1 | 116.0 | 157.0 | 112.2 | 150.8 | 1440.3 | *1710.1* | 1433.7 | 717.4 | 271.3 |
| 85° | 64.4 | 66.1 | 69.5 | 91.6 | 63.7 | 71.6 | 621.7 | *643.0* | 428.6 | 171.4 | 84.3 |
| 87.5° | 26.5 | 28.2 | 31.0 | 38.6 | 25.1 | 20.0 | 102.6 | *128.7* | 80.2 | 50.3 | 26.2 |
| 90° | 0.0 | 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° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 | 1174.5 |
| 2.5° | 1176.2 | 1173.8 | 1167.3 | 1158.3 | 1150.1 | 1139.8 | 1135.3 | 1131.5 | 1128.1 | 1121.5 | 1118.4 |
| 5° | 1183.5 | 1176.9 | 1159.4 | 1136.7 | 1110.8 | 1082.6 | 1055.1 | 1036.1 | 1020.0 | 1007.9 | 997.9 |
| 7.5° | 1194.5 | 1182.1 | 1150.1 | 1103.6 | 1044.4 | 983.8 | 929.1 | 890.2 | 860.9 | 850.3 | 831.7 |
| 10° | 1205.8 | 1191.0 | 1135.3 | 1053.4 | 951.1 | 857.8 | 785.2 | 745.3 | 721.9 | 714.3 | 702.6 |
| 12.5° | 1219.3 | 1197.6 | 1112.2 | 983.5 | 846.8 | 744.6 | 681.2 | 657.8 | 645.8 | 641.6 | 642.7 |
| 15° | 1238.9 | 1203.1 | 1077.4 | 896.0 | 747.3 | 662.0 | 621.0 | 604.8 | 598.6 | 598.3 | 599.7 |
| 17.5° | 1253.7 | 1204.1 | 1023.4 | 802.4 | 670.9 | 612.0 | 578.3 | 572.1 | 576.2 | 582.4 | 584.9 |
| 20° | 1270.2 | 1194.8 | 952.5 | 717.0 | 617.2 | 568.3 | 554.2 | 558.3 | 568.3 | 577.3 | 580.4 |
| 22.5° | 1281.9 | 1178.0 | 866.8 | 650.6 | 570.7 | 543.2 | 542.5 | 551.1 | 556.6 | 561.1 | 563.5 |
| 25° | 1292.2 | 1149.4 | 775.9 | 594.8 | 532.5 | 528.1 | 535.6 | 532.9 | 529.1 | 532.9 | 535.3 |
| 27.5° | 1299.8 | 1104.3 | 694.7 | 546.0 | 505.7 | 517.7 | 513.3 | 507.1 | 506.7 | 508.8 | 512.2 |
| 30° | 1297.4 | 1044.1 | 627.9 | 499.5 | 486.7 | 498.4 | 487.8 | 486.7 | 485.7 | 486.7 | 490.5 |
| 32.5° | 1297.4 | 975.6 | 576.6 | 467.5 | 474.7 | 470.2 | 469.2 | 466.8 | 462.6 | 462.3 | 466.8 |
| 35° | 1304.6 | 907.1 | 532.5 | 450.3 | 464.7 | 454.0 | 454.7 | 448.9 | 440.3 | 436.1 | 440.3 |
| 37.5° | 1319.4 | 852.0 | 488.8 | 442.0 | 447.2 | 446.8 | 444.1 | 434.1 | 418.9 | 405.9 | 410.3 |
| 40° | 1355.2 | 835.8 | 458.9 | 438.2 | 438.9 | 443.0 | 435.8 | 416.5 | 382.1 | 360.8 | 363.5 |
| 42.5° | 1411.4 | 863.0 | 452.3 | 428.9 | 433.4 | 437.5 | 423.4 | 378.7 | 354.2 | 341.5 | 341.5 |
| 45° | 1482.6 | 910.5 | 466.4 | 415.5 | 420.3 | 427.5 | 385.5 | 364.2 | 353.2 | 353.5 | 355.2 |
| 47.5° | 1572.8 | 960.4 | 492.6 | 403.8 | 401.4 | 405.5 | 360.4 | 347.3 | 332.2 | 336.0 | 345.6 |
| 50° | 1677.1 | 1011.0 | 517.4 | 388.0 | 380.4 | 367.0 | 344.2 | 331.8 | 312.6 | 303.6 | 306.0 |
| 52.5° | 1790.0 | 1059.9 | 527.4 | 368.7 | 357.7 | 342.2 | 333.2 | 318.1 | 294.7 | 279.9 | 279.5 |
| 55° | 1897.1 | 1104.3 | 516.3 | 345.6 | 334.9 | 322.9 | 321.5 | 312.2 | 287.1 | 266.4 | 266.4 |
| 57.5° | 1998.3 | 1141.5 | 488.8 | 322.2 | 311.9 | 304.6 | 313.9 | 309.5 | 277.8 | 251.3 | 249.9 |
| 60° | 2084.0 | 1166.9 | 448.9 | 298.4 | 291.2 | 287.4 | 301.5 | 300.2 | 264.7 | 235.1 | 234.1 |
| 62.5° | 2152.1 | 1176.9 | 404.8 | 275.7 | 274.0 | 267.1 | 284.3 | 284.3 | 248.2 | 219.3 | 218.2 |
| 65° | 2205.5 | 1167.3 | 360.1 | 253.4 | 256.8 | 246.5 | 263.3 | 261.3 | 230.6 | 205.2 | 203.8 |
| 67.5° | 2252.7 | 1135.6 | 310.5 | 231.3 | 239.2 | 226.2 | 241.3 | 236.5 | 211.4 | 191.0 | 189.7 |
| 70° | 2273.7 | 1062.0 | 254.0 | 209.3 | 218.9 | 206.2 | 219.3 | 210.3 | 189.7 | 175.9 | 173.1 |
| 72.5° | 2105.0 | 882.6 | 200.0 | 186.2 | 194.5 | 184.2 | 195.5 | 185.2 | 166.3 | 160.1 | 154.9 |
| 75° | *1741.5* | *662.3* | *153.9* | *161.1* | *167.3* | *159.4* | *167.0* | *159.4* | *142.2* | *146.6* | *133.9* |
| 77.5° | 1264.7 | 447.2 | 117.7 | 134.6 | 137.3 | 133.2 | 139.8 | 131.2 | 115.7 | 114.6 | 109.5 |
| 80° | 628.9 | 262.0 | 92.3 | 106.4 | 105.3 | 102.6 | 110.2 | 106.0 | 92.9 | 98.5 | 97.4 |
| 82.5° | 182.1 | 112.2 | 67.1 | 74.7 | 72.6 | 73.3 | 78.8 | 80.9 | 121.2 | 120.1 | 122.9 |
| 85° | 57.1 | 44.1 | 40.3 | 41.7 | 39.6 | 40.6 | 46.5 | 92.3 | 85.4 | 49.9 | 54.0 |
| 87.5° | 14.8 | 15.1 | 10.0 | 10.7 | 11.0 | 13.1 | 14.8 | 56.1 | 26.9 | 17.6 | 18.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |


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SS

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(END OF REPORT)