

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: P949501

Luminaire Tested: **GLAN-SB4B-727-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949501
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: STREETWORKS
Catalog Number: GLAN-SB4B-727-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15976 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

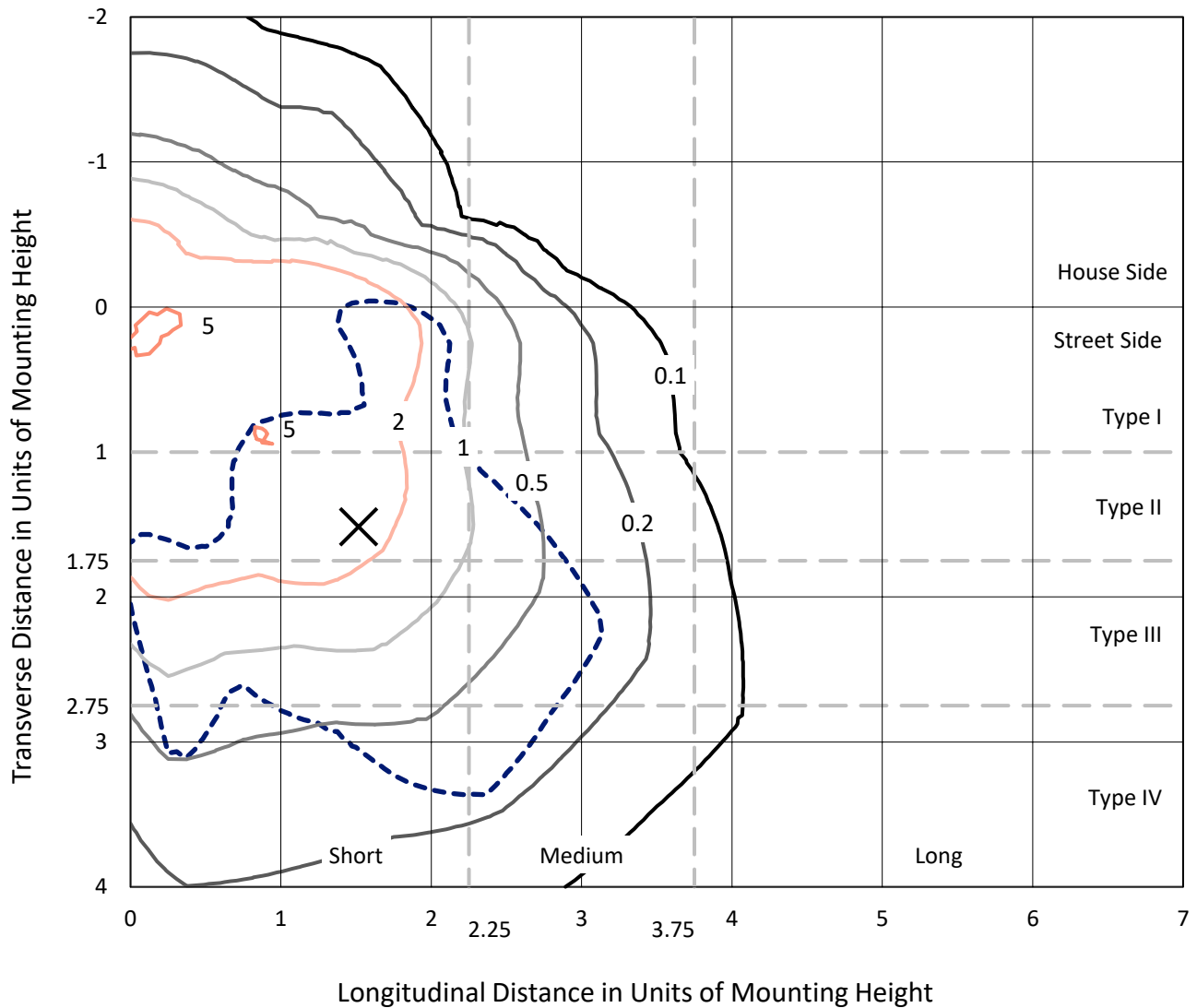
Input Watts (W): 147
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P949501
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Iso-Footcandle Lines of Horizontal Illumination

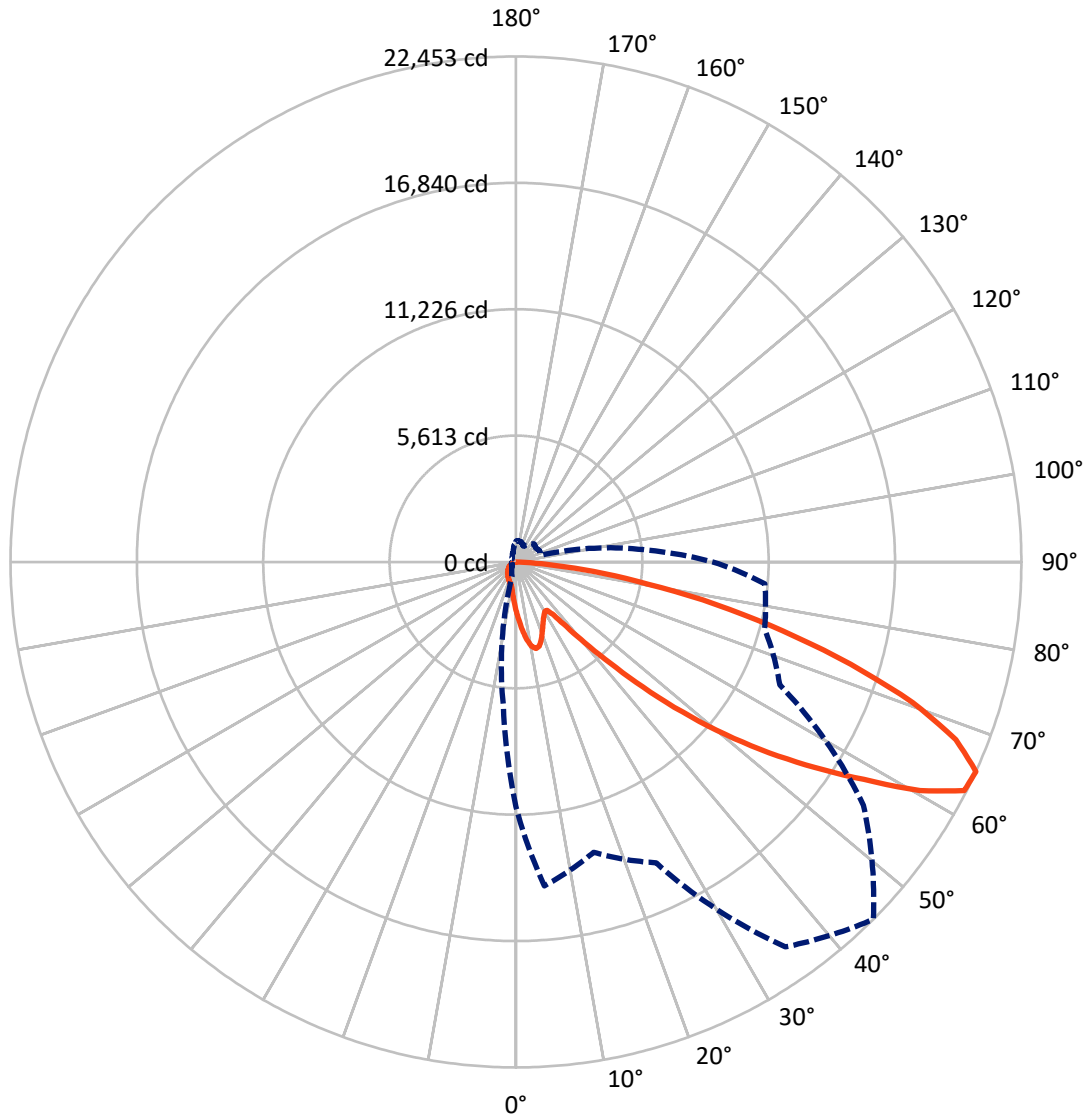
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P949501
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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3175.5 | 0.0 | 3175.5 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 12800.5 | 0.0 | 12800.5 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 15976.0 | 0.0 | 15976.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 217.8 | 1.4 |
| 10°-20° | 652.9 | 4.1 |
| 20°-30° | 961.8 | 6.0 |
| 30°-40° | 1235.7 | 7.7 |
| 40°-50° | 1998.5 | 12.5 |
| 50°-60° | 3504.5 | 21.9 |
| 60°-70° | 4385.1 | 27.4 |
| 70°-80° | 2562.5 | 16.0 |
| 80°-90° | 457.2 | 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° | 15976.0 | 100.0 |
| 0°-180° | 15976.0 | 100.0 |



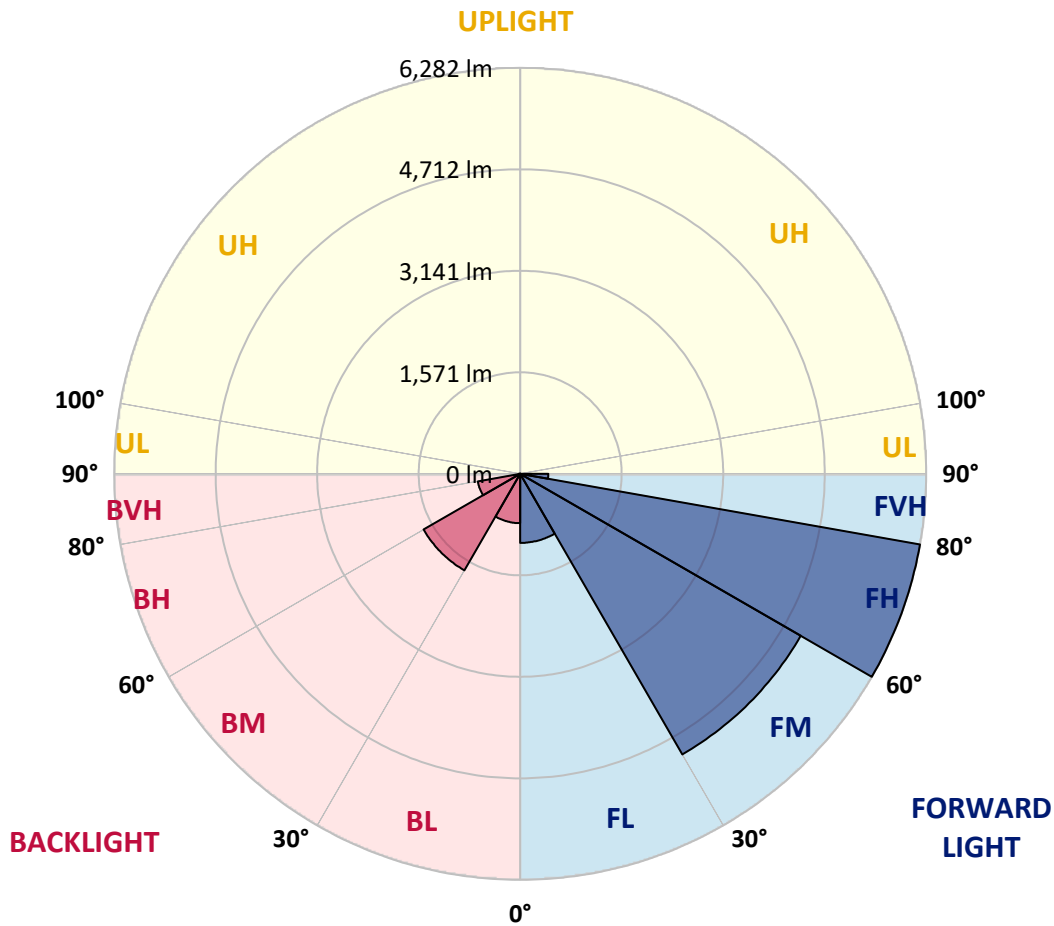
REPORT NUMBER: P949501
 CATALOG NUMBER: GLAN-SB4B-727-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1069.0 | 6.7 | | | |
| FM (30°-60°) | 5013.5 | 31.4 | | | |
| FH (60°-80°) | 6282.3 | 39.3 | | | G3/7500 |
| FVH (80°-90°) | 435.8 | 2.7 | | | G3/500 |
| BL (0°-30°) | 763.5 | 4.8 | B2/1000 | | |
| BM (30°-60°) | 1725.2 | 10.8 | B2/2500 | | |
| BH (60°-80°) | 665.3 | 4.2 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 21.4 | 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-G3

Type IV Short



REPORT NUMBER: P949501
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 |
| 2.5° | 2478.5 | 2497.2 | 2539.0 | 2561.0 | 2595.2 | 2597.4 | 2597.4 | 2567.7 | 2566.6 | 2506.0 |
| 5° | 2770.2 | 2814.2 | 2913.2 | 3015.6 | 3037.6 | 3043.1 | 3032.1 | 2972.7 | 2928.6 | 2810.9 |
| 7.5° | 3059.6 | 3144.4 | 3295.1 | 3431.6 | 3475.6 | 3475.6 | 3449.2 | 3352.4 | 3262.1 | 3091.5 |
| 10° | 3299.5 | 3406.3 | 3611.0 | 3764.0 | 3814.6 | 3803.6 | 3749.7 | 3627.5 | 3503.1 | 3296.2 |
| 12.5° | 3458.0 | 3578.0 | 3802.5 | 3925.8 | 3977.5 | 3948.9 | 3887.2 | 3768.4 | 3637.4 | 3419.5 |
| 15° | 3537.3 | 3662.7 | 3857.5 | 3922.5 | 3908.2 | 3878.4 | 3870.7 | 3813.5 | 3714.5 | 3510.8 |
| 17.5° | 3571.4 | 3688.0 | 3823.4 | 3782.7 | 3661.6 | 3638.5 | 3715.6 | 3788.2 | 3764.0 | 3590.1 |
| 20° | 3603.3 | 3701.2 | 3742.0 | 3561.5 | 3350.2 | 3329.3 | 3476.7 | 3683.6 | 3789.3 | 3663.8 |
| 22.5° | 3647.3 | 3707.9 | 3624.2 | 3328.2 | 3100.3 | 3051.9 | 3214.8 | 3526.3 | 3797.0 | 3757.4 |
| 25° | 3707.9 | 3724.4 | 3494.3 | 3106.9 | 2878.0 | 2829.6 | 2981.5 | 3351.3 | 3783.8 | 3858.6 |
| 27.5° | 3780.5 | 3746.4 | 3370.0 | 2922.0 | 2700.8 | 2655.7 | 2807.6 | 3182.9 | 3746.4 | 3959.9 |
| 30° | 3875.1 | 3775.0 | 3246.7 | 2779.0 | 2574.3 | 2541.2 | 2687.6 | 3037.6 | 3700.1 | 4088.7 |
| 32.5° | 3970.9 | 3787.1 | 3132.2 | 2695.3 | 2545.6 | 2557.7 | 2677.7 | 2959.5 | 3649.5 | 4211.9 |
| 35° | 4074.3 | 3825.6 | 3076.1 | 2777.9 | 2784.5 | 2890.1 | 2939.6 | 3032.1 | 3641.8 | 4379.2 |
| 37.5° | 4215.2 | 3911.5 | 3143.3 | 3188.4 | 3417.3 | 3636.3 | 3595.6 | 3387.6 | 3731.0 | 4629.0 |
| 40° | 4417.7 | 4062.2 | 3436.0 | 3887.2 | 4357.2 | 4712.7 | 4557.5 | 4033.6 | 4003.9 | 4988.9 |
| 42.5° | 4712.7 | 4302.2 | 3955.5 | 4741.3 | 5538.1 | 6123.6 | 5707.6 | 4866.8 | 4481.6 | 5502.9 |
| 45° | 5148.5 | 4690.7 | 4583.9 | 5642.7 | 6994.2 | 7916.5 | 7051.4 | 5754.9 | 5150.7 | 6281.0 |
| 47.5° | 5752.7 | 5261.9 | 5172.7 | 6592.5 | 8763.9 | 9956.9 | 8541.6 | 6578.2 | 5912.3 | 7342.0 |
| 50° | 6555.1 | 6031.2 | 5730.7 | 7631.4 | 10704.2 | 12037.0 | 10030.7 | 7372.8 | 6785.1 | 8638.4 |
| 52.5° | 7613.8 | 7104.2 | 6381.2 | 8620.8 | 12699.6 | 14073.1 | 11526.4 | 8070.5 | 7868.0 | 10142.9 |
| 55° | 9057.8 | 8718.8 | 7270.4 | 9565.1 | 14693.8 | 16121.3 | 12963.7 | 8728.7 | 9298.8 | 11930.3 |
| 57.5° | 10849.5 | 11091.6 | 8552.6 | 10660.2 | 16486.7 | 18232.2 | 14407.7 | 9648.8 | 11156.6 | 13928.9 |
| 60° | 12005.1 | 14247.0 | 11008.0 | 12279.2 | 18523.9 | 20619.4 | 16386.5 | 11398.7 | 13109.0 | 14645.4 |
| 62.5° | 11725.6 | 15250.7 | 13948.7 | 14346.1 | 20397.0 | 22355.0 | 18325.7 | 13156.3 | 13476.6 | 13590.0 |
| 65° | 10868.2 | 14440.7 | 13348.9 | 14747.8 | 20871.4 | 22452.9 | 18844.1 | 12929.6 | 11431.7 | 11094.9 |
| 67.5° | 9688.4 | 13479.9 | 11923.7 | 13682.4 | 20014.0 | 21083.8 | 17878.9 | 11437.2 | 8834.4 | 8325.9 |
| 70° | 8415.0 | 12416.7 | 10988.2 | 12487.2 | 18379.7 | 18697.7 | 16238.0 | 10059.3 | 6497.8 | 5622.9 |
| 72.5° | 7206.6 | 11309.6 | 10347.6 | 11262.2 | 16199.4 | 15541.3 | 14101.7 | 8841.0 | 4731.4 | 4055.6 |
| 75° | 5970.6 | 9676.3 | 9435.3 | 9807.3 | 13332.4 | 12241.7 | 11716.8 | 7320.0 | 3713.4 | 2934.1 |
| 77.5° | 4607.0 | 7561.0 | 8115.7 | 7853.7 | 9384.6 | 9093.0 | 9082.0 | 5500.7 | 2712.9 | 1957.9 |
| 80° | 3153.2 | 5269.6 | 6340.4 | 5540.3 | 6090.6 | 5942.0 | 6840.1 | 3690.2 | 1967.8 | 1178.7 |
| 82.5° | 1853.4 | 3208.2 | 4413.3 | 2682.1 | 3367.8 | 3456.9 | 4073.2 | 1795.0 | 1157.8 | 271.8 |
| 85° | 751.7 | 1266.8 | 1725.7 | 1050.0 | 1624.5 | 1370.2 | 1546.3 | 504.1 | 322.5 | 6.6 |
| 87.5° | 189.3 | 405.0 | 283.9 | 117.8 | 188.2 | 172.8 | 136.5 | 61.6 | 13.2 | 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):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2212.2 | 0° | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 |
| 2499.4 | 2.5° | 2456.5 | 2431.2 | 2368.4 | 2305.7 | 2255.1 | 2186.9 | 2141.7 | 2087.8 | 2036.1 | 1989.8 |
| 2785.6 | 5° | 2716.2 | 2632.6 | 2518.1 | 2413.6 | 2306.8 | 2203.4 | 2101.0 | 1993.1 | 1894.1 | 1833.6 |
| 3027.7 | 7.5° | 2927.5 | 2780.1 | 2628.2 | 2495.0 | 2366.2 | 2245.2 | 2109.8 | 1978.8 | 1823.7 | 1741.1 |
| 3212.6 | 10° | 3084.9 | 2891.2 | 2692.0 | 2539.0 | 2409.2 | 2291.4 | 2176.9 | 2044.9 | 1857.8 | 1754.3 |
| 3324.9 | 12.5° | 3188.4 | 2958.4 | 2725.0 | 2550.0 | 2404.8 | 2313.4 | 2262.8 | 2211.1 | 2025.1 | 1904.0 |
| 3407.4 | 15° | 3259.9 | 3005.7 | 2748.1 | 2524.7 | 2346.4 | 2279.3 | 2329.9 | 2389.4 | 2270.5 | 2130.7 |
| 3493.2 | 17.5° | 3338.1 | 3067.3 | 2758.1 | 2456.5 | 2233.1 | 2204.5 | 2335.4 | 2473.0 | 2467.5 | 2328.8 |
| 3574.7 | 20° | 3420.6 | 3121.2 | 2751.4 | 2346.4 | 2095.5 | 2120.8 | 2288.1 | 2447.7 | 2514.8 | 2440.0 |
| 3668.2 | 22.5° | 3505.3 | 3173.0 | 2726.1 | 2203.4 | 1966.7 | 2046.0 | 2213.3 | 2353.0 | 2432.3 | 2409.2 |
| 3782.7 | 25° | 3612.1 | 3245.6 | 2688.7 | 2049.3 | 1860.0 | 1970.0 | 2126.3 | 2239.7 | 2294.7 | 2293.6 |
| 3906.0 | 27.5° | 3739.8 | 3342.5 | 2668.9 | 1924.9 | 1784.0 | 1884.2 | 2022.9 | 2124.1 | 2162.6 | 2162.6 |
| 4058.9 | 30° | 3888.3 | 3456.9 | 2646.9 | 1843.5 | 1740.0 | 1795.0 | 1902.9 | 2002.0 | 2040.5 | 2040.5 |
| 4226.2 | 32.5° | 4053.4 | 3567.0 | 2594.1 | 1793.9 | 1707.0 | 1708.1 | 1776.3 | 1866.6 | 1912.8 | 1919.4 |
| 4435.3 | 35° | 4251.5 | 3684.7 | 2478.5 | 1754.3 | 1668.5 | 1623.4 | 1656.4 | 1731.2 | 1786.2 | 1800.5 |
| 4733.6 | 37.5° | 4511.3 | 3828.9 | 2313.4 | 1696.0 | 1609.0 | 1534.2 | 1541.9 | 1599.1 | 1659.7 | 1681.7 |
| 5145.2 | 40° | 4860.2 | 3998.4 | 2141.7 | 1612.3 | 1525.4 | 1436.3 | 1433.0 | 1474.8 | 1534.2 | 1558.4 |
| 5702.1 | 42.5° | 5321.3 | 4202.0 | 1977.7 | 1532.0 | 1424.1 | 1332.8 | 1327.3 | 1360.3 | 1412.0 | 1437.4 |
| 6437.3 | 45° | 5911.2 | 4451.8 | 1836.9 | 1469.3 | 1325.1 | 1234.9 | 1232.6 | 1260.2 | 1305.3 | 1331.7 |
| 7378.3 | 47.5° | 6731.1 | 4701.7 | 1741.1 | 1436.3 | 1247.0 | 1154.5 | 1158.9 | 1183.1 | 1223.8 | 1242.6 |
| 8596.6 | 50° | 7799.8 | 4777.6 | 1692.7 | 1436.3 | 1205.1 | 1083.0 | 1105.0 | 1124.8 | 1155.6 | 1166.6 |
| 10057.1 | 52.5° | 8825.5 | 4526.7 | 1648.7 | 1445.1 | 1210.6 | 1022.4 | 1069.8 | 1084.1 | 1110.5 | 1114.9 |
| 11410.8 | 55° | 9328.5 | 3891.6 | 1588.1 | 1447.3 | 1244.8 | 970.7 | 1041.1 | 1067.6 | 1077.5 | 1076.4 |
| 12196.6 | 57.5° | 9155.7 | 3146.6 | 1485.8 | 1438.5 | 1267.9 | 937.7 | 1005.9 | 1056.6 | 1063.2 | 1053.3 |
| 12046.9 | 60° | 8549.3 | 2316.7 | 1407.6 | 1373.5 | 1259.1 | 927.8 | 952.0 | 1032.3 | 1042.2 | 1029.0 |
| 10893.5 | 62.5° | 7532.4 | 1607.9 | 1347.1 | 1230.4 | 1220.5 | 924.5 | 867.3 | 979.5 | 1003.7 | 985.0 |
| 8756.2 | 65° | 5929.9 | 1135.8 | 1160.0 | 1078.6 | 1136.9 | 906.9 | 779.2 | 915.7 | 948.7 | 920.1 |
| 6352.5 | 67.5° | 4012.7 | 819.9 | 939.9 | 977.3 | 1001.5 | 867.3 | 715.4 | 843.0 | 887.1 | 849.6 |
| 4076.5 | 70° | 2167.0 | 575.6 | 620.7 | 823.2 | 850.7 | 799.0 | 658.1 | 769.3 | 819.9 | 779.2 |
| 2897.8 | 72.5° | 1280.0 | 413.8 | 434.7 | 661.4 | 708.8 | 703.3 | 594.3 | 683.5 | 745.1 | 696.7 |
| 1999.8 | 75° | 705.5 | 279.5 | 310.4 | 479.9 | 575.6 | 542.6 | 510.7 | 578.9 | 641.6 | 594.3 |
| 1253.6 | 77.5° | 315.9 | 167.3 | 215.7 | 314.8 | 452.3 | 372.0 | 395.1 | 451.2 | 509.6 | 460.0 |
| 697.8 | 80° | 122.2 | 93.5 | 143.1 | 171.7 | 329.1 | 205.8 | 254.2 | 332.4 | 374.2 | 334.6 |
| 151.9 | 82.5° | 15.4 | 41.8 | 61.6 | 67.1 | 191.5 | 109.0 | 147.5 | 209.1 | 205.8 | 178.3 |
| 0.0 | 85° | 0.0 | 7.7 | 8.8 | 4.4 | 82.5 | 39.6 | 48.4 | 68.2 | 63.8 | 48.4 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2212.2 | 0° | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 | 2212.2 |
| 1981.0 | 2.5° | 1927.1 | 1887.5 | 1867.7 | 1851.2 | 1866.6 | 1875.4 | 1875.4 | 1912.8 | 1934.8 | 1943.6 |
| 1795.0 | 5° | 1698.2 | 1624.5 | 1574.9 | 1545.2 | 1555.1 | 1566.1 | 1578.2 | 1625.6 | 1657.5 | 1678.4 |
| 1666.3 | 7.5° | 1517.7 | 1405.4 | 1336.1 | 1299.8 | 1305.3 | 1313.0 | 1322.9 | 1369.1 | 1401.0 | 1428.6 |
| 1642.1 | 10° | 1428.6 | 1270.1 | 1178.7 | 1134.7 | 1127.0 | 1122.6 | 1119.3 | 1146.8 | 1171.0 | 1193.0 |
| 1741.1 | 12.5° | 1433.0 | 1211.7 | 1100.6 | 1046.7 | 1023.5 | 997.1 | 976.2 | 980.6 | 996.0 | 1023.5 |
| 1918.3 | 15° | 1489.1 | 1193.0 | 1059.9 | 992.7 | 954.2 | 923.4 | 898.1 | 892.6 | 898.1 | 902.5 |
| 2120.8 | 17.5° | 1565.0 | 1190.8 | 1024.6 | 941.0 | 901.4 | 876.1 | 852.9 | 845.2 | 846.3 | 851.8 |
| 2255.1 | 20° | 1625.6 | 1184.2 | 985.0 | 891.5 | 856.3 | 834.2 | 811.1 | 803.4 | 805.6 | 806.7 |
| 2268.3 | 22.5° | 1657.5 | 1174.3 | 941.0 | 841.9 | 812.2 | 790.2 | 769.3 | 768.2 | 768.2 | 774.8 |
| 2196.8 | 25° | 1657.5 | 1153.4 | 901.4 | 794.6 | 768.2 | 748.4 | 723.1 | 727.5 | 729.7 | 738.5 |
| 2085.6 | 27.5° | 1617.9 | 1113.8 | 869.5 | 753.9 | 726.4 | 706.6 | 683.5 | 689.0 | 692.3 | 702.2 |
| 1975.5 | 30° | 1567.2 | 1066.5 | 833.1 | 715.4 | 683.5 | 669.2 | 649.3 | 651.5 | 655.9 | 667.0 |
| 1873.2 | 32.5° | 1513.3 | 1010.3 | 803.4 | 676.9 | 644.9 | 633.9 | 611.9 | 615.2 | 619.6 | 631.7 |
| 1771.9 | 35° | 1453.9 | 944.3 | 768.2 | 641.6 | 609.7 | 600.9 | 575.6 | 577.8 | 584.4 | 597.6 |
| 1663.0 | 37.5° | 1391.1 | 890.4 | 733.0 | 607.5 | 574.5 | 565.7 | 539.3 | 541.5 | 549.2 | 564.6 |
| 1548.5 | 40° | 1329.5 | 837.5 | 695.6 | 571.2 | 538.2 | 530.5 | 501.9 | 504.1 | 512.9 | 529.4 |
| 1433.0 | 42.5° | 1262.4 | 796.8 | 647.1 | 533.8 | 498.6 | 490.9 | 464.4 | 467.7 | 477.7 | 494.2 |
| 1326.2 | 45° | 1182.0 | 770.4 | 593.2 | 498.6 | 458.9 | 451.2 | 427.0 | 433.6 | 444.6 | 461.1 |
| 1234.9 | 47.5° | 1099.5 | 759.4 | 548.1 | 461.1 | 418.2 | 411.6 | 391.8 | 402.8 | 414.9 | 428.1 |
| 1156.7 | 50° | 1020.2 | 745.1 | 501.9 | 425.9 | 383.0 | 376.4 | 363.2 | 377.5 | 389.6 | 401.7 |
| 1100.6 | 52.5° | 930.0 | 714.3 | 460.0 | 395.1 | 353.3 | 351.1 | 344.5 | 357.7 | 368.7 | 379.7 |
| 1052.2 | 55° | 836.4 | 664.8 | 423.7 | 367.6 | 328.0 | 330.2 | 326.9 | 337.9 | 346.7 | 356.6 |
| 1008.1 | 57.5° | 755.0 | 602.0 | 395.1 | 337.9 | 306.0 | 312.6 | 308.2 | 313.7 | 319.2 | 331.3 |
| 955.3 | 60° | 672.5 | 527.2 | 363.2 | 302.7 | 283.9 | 291.7 | 279.5 | 278.4 | 280.6 | 283.9 |
| 877.2 | 62.5° | 561.3 | 449.0 | 323.6 | 271.8 | 259.7 | 263.0 | 239.9 | 222.3 | 222.3 | 225.6 |
| 768.2 | 65° | 451.2 | 376.4 | 279.5 | 236.6 | 226.7 | 224.5 | 191.5 | 167.3 | 165.1 | 175.0 |
| 641.6 | 67.5° | 370.9 | 312.6 | 235.5 | 197.0 | 190.4 | 192.6 | 168.4 | 144.2 | 142.0 | 153.0 |
| 522.8 | 70° | 307.1 | 252.0 | 188.2 | 151.9 | 158.5 | 168.4 | 144.2 | 121.1 | 117.8 | 127.7 |
| 424.8 | 72.5° | 244.3 | 197.0 | 144.2 | 112.3 | 131.0 | 143.1 | 117.8 | 95.8 | 93.5 | 102.4 |
| 328.0 | 75° | 179.4 | 140.9 | 98.0 | 81.4 | 101.3 | 112.3 | 85.8 | 68.2 | 64.9 | 72.6 |
| 219.0 | 77.5° | 111.2 | 79.2 | 61.6 | 48.4 | 69.3 | 74.8 | 45.1 | 39.6 | 38.5 | 44.0 |
| 133.2 | 80° | 51.7 | 34.1 | 29.7 | 16.5 | 25.3 | 29.7 | 18.7 | 20.9 | 22.0 | 26.4 |
| 67.1 | 82.5° | 14.3 | 5.5 | 1.1 | 0.0 | 0.0 | 8.8 | 4.4 | 8.8 | 11.0 | 16.5 |
| 5.5 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 5.5 | 9.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 |
| 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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| 652.6 | 32.5° | 654.8 | 654.8 | 661.4 | 684.6 | 1124.8 | 2651.3 | 3758.5 | 3970.9 |
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| 584.4 | 37.5° | 586.6 | 585.5 | 594.3 | 621.8 | 772.6 | 2427.9 | 3907.1 | 4215.2 |
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| 452.3 | 47.5° | 451.2 | 440.2 | 449.0 | 499.7 | 622.9 | 2271.6 | 5083.6 | 5752.7 |
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| 399.5 | 52.5° | 399.5 | 372.0 | 376.4 | 425.9 | 562.4 | 3072.8 | 6583.7 | 7613.8 |
| 374.2 | 55° | 372.0 | 341.2 | 343.4 | 385.2 | 521.7 | 3131.1 | 7345.3 | 9057.8 |
| 345.6 | 57.5° | 341.2 | 312.6 | 312.6 | 347.8 | 492.0 | 2714.0 | 7930.8 | 10849.5 |
| 310.4 | 60° | 307.1 | 288.4 | 282.8 | 318.1 | 518.4 | 1915.0 | 7999.0 | 12005.1 |
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| 209.1 | 65° | 226.7 | 224.5 | 219.0 | 318.1 | 453.4 | 670.3 | 6395.5 | 10868.2 |
| 178.3 | 67.5° | 190.4 | 187.1 | 187.1 | 333.5 | 344.5 | 421.5 | 4996.6 | 9688.4 |
| 151.9 | 70° | 164.0 | 151.9 | 151.9 | 252.0 | 209.1 | 291.7 | 3488.8 | 8415.0 |
| 125.5 | 72.5° | 137.6 | 124.4 | 115.6 | 201.4 | 156.3 | 213.5 | 2180.2 | 7206.6 |
| 95.8 | 75° | 110.1 | 100.2 | 89.1 | 133.2 | 116.7 | 161.8 | 1266.8 | 5970.6 |
| 60.5 | 77.5° | 79.2 | 74.8 | 62.7 | 98.0 | 84.7 | 116.7 | 753.9 | 4607.0 |
| 37.4 | 80° | 40.7 | 41.8 | 39.6 | 56.1 | 57.2 | 79.2 | 429.2 | 3153.2 |
| 24.2 | 82.5° | 24.2 | 18.7 | 20.9 | 27.5 | 33.0 | 45.1 | 161.8 | 1853.4 |
| 17.6 | 85° | 15.4 | 9.9 | 9.9 | 13.2 | 16.5 | 17.6 | 49.5 | 751.7 |
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