

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: P947464

Luminaire Tested: **GLAN-SB2D-760-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947464
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-SB2D-760-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 5700K, 900mA 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: 16432 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

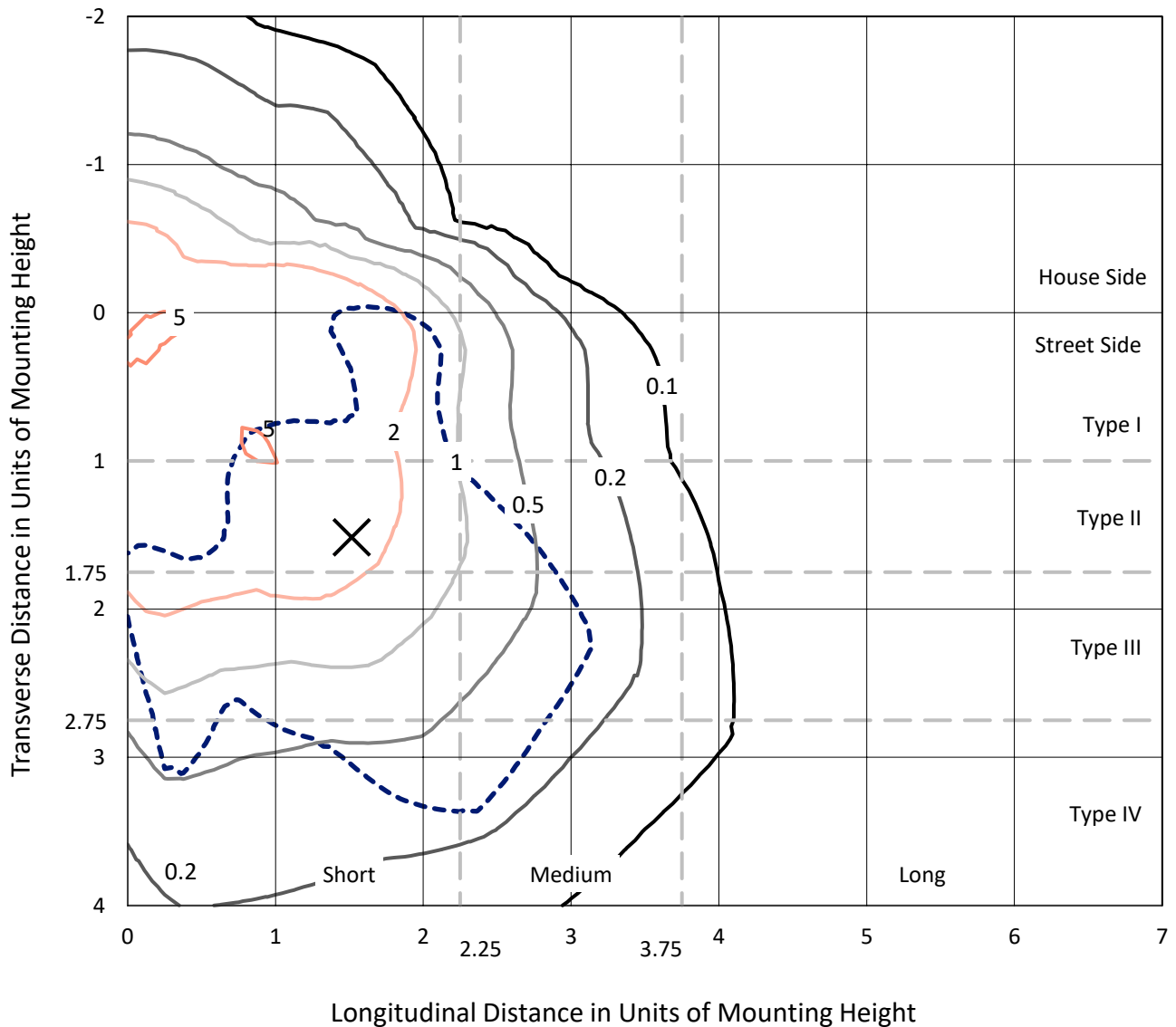
Input Watts (W): 147.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P947464
 CATALOG NUMBER: GLAN-SB2D-760-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

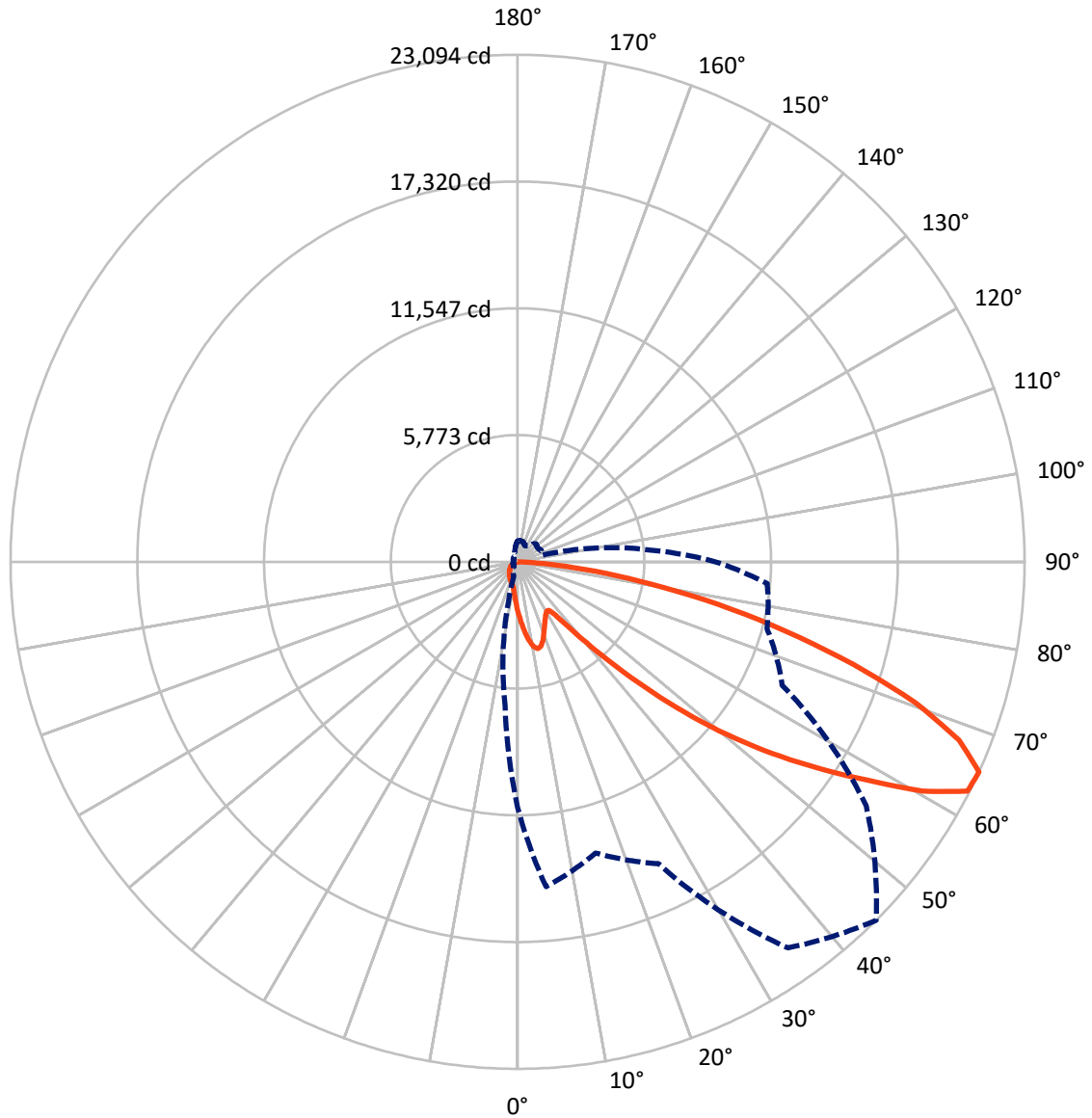
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 fc
 Type IV - Short - N/A

REPORT NUMBER: P947464
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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 | 3266.2 | 0.0 | 3266.2 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 13165.8 | 0.0 | 13165.8 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 16432.0 | 0.0 | 16432.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 224.0 | 1.4 |
| 10°-20° | 671.5 | 4.1 |
| 20°-30° | 989.3 | 6.0 |
| 30°-40° | 1271.0 | 7.7 |
| 40°-50° | 2055.5 | 12.5 |
| 50°-60° | 3604.6 | 21.9 |
| 60°-70° | 4510.3 | 27.4 |
| 70°-80° | 2635.6 | 16.0 |
| 80°-90° | 470.2 | 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° | 16432.0 | 100.0 |
| 0°-180° | 16432.0 | 100.0 |

Coefficient of Utilization



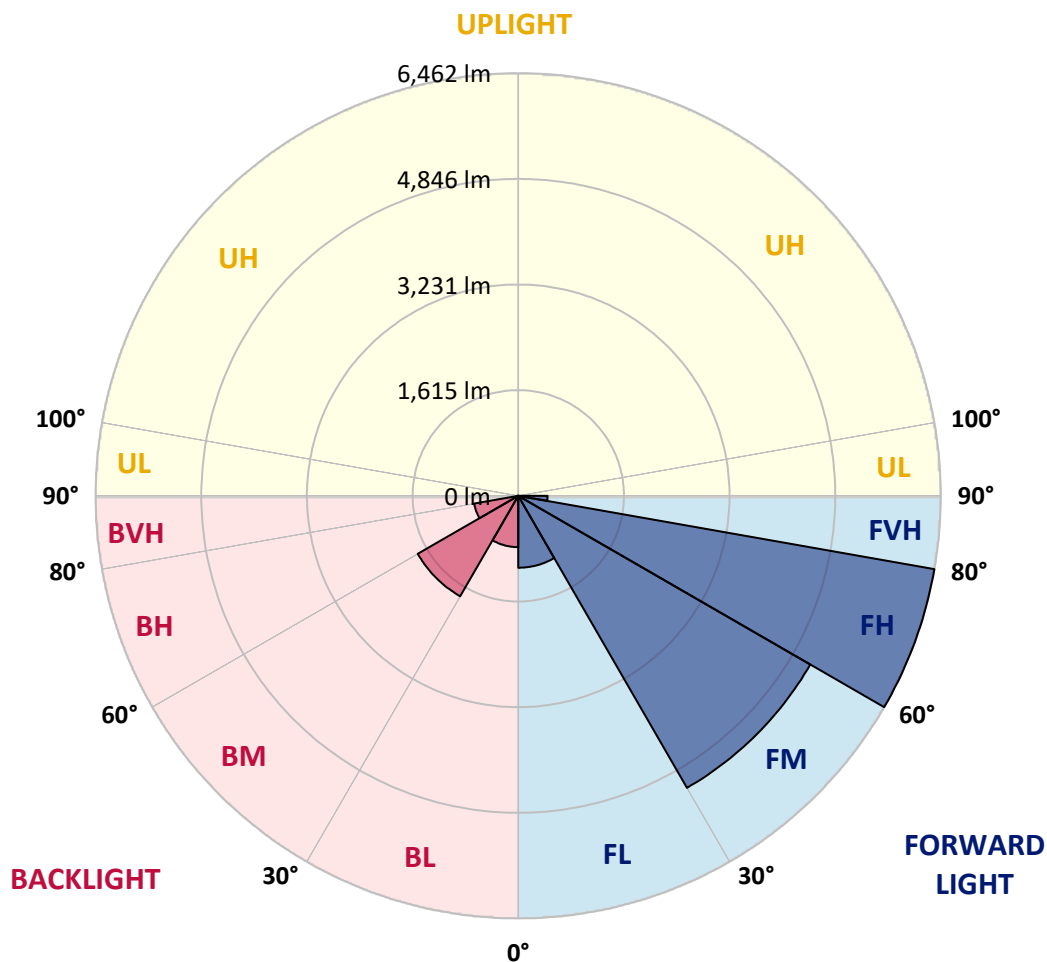
REPORT NUMBER: P947464
 CATALOG NUMBER: GLAN-SB2D-760-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1099.5 | 6.7 | | | |
| FM (30°-60°) | 5156.6 | 31.4 | | | |
| FH (60°-80°) | 6461.6 | 39.3 | | | G3/7500 |
| FVH (80°-90°) | 448.2 | 2.7 | | | G3/500 |
| BL (0°-30°) | 785.3 | 4.8 | B2/1000 | | |
| BM (30°-60°) | 1774.5 | 10.8 | B2/2500 | | |
| BH (60°-80°) | 684.3 | 4.2 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 22.0 | 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: P947464
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 |
| 2.5° | 2549.2 | 2568.5 | 2611.5 | 2634.1 | 2669.2 | 2671.5 | 2671.5 | 2640.9 | 2639.8 | 2577.5 |
| 5° | 2849.2 | 2894.5 | 2996.4 | 3101.7 | 3124.3 | 3130.0 | 3118.6 | 3057.5 | 3012.2 | 2891.1 |
| 7.5° | 3146.9 | 3234.1 | 3389.2 | 3529.6 | 3574.8 | 3574.8 | 3547.7 | 3448.1 | 3355.2 | 3179.8 |
| 10° | 3393.7 | 3503.5 | 3714.1 | 3871.4 | 3923.5 | 3912.2 | 3856.7 | 3731.0 | 3603.1 | 3390.3 |
| 12.5° | 3556.7 | 3680.1 | 3911.0 | 4037.8 | 4091.0 | 4061.6 | 3998.2 | 3875.9 | 3741.2 | 3517.1 |
| 15° | 3638.2 | 3767.3 | 3967.6 | 4034.4 | 4019.7 | 3989.1 | 3981.2 | 3922.4 | 3820.5 | 3611.1 |
| 17.5° | 3673.3 | 3793.3 | 3932.5 | 3890.7 | 3766.1 | 3742.4 | 3821.6 | 3896.3 | 3871.4 | 3692.6 |
| 20° | 3706.1 | 3806.9 | 3848.8 | 3663.1 | 3445.8 | 3424.3 | 3576.0 | 3788.8 | 3897.5 | 3768.4 |
| 22.5° | 3751.4 | 3813.7 | 3727.7 | 3423.1 | 3188.8 | 3139.0 | 3306.6 | 3626.9 | 3905.4 | 3864.6 |
| 25° | 3813.7 | 3830.7 | 3594.1 | 3195.6 | 2960.2 | 2910.4 | 3066.6 | 3446.9 | 3891.8 | 3968.8 |
| 27.5° | 3888.4 | 3853.3 | 3466.2 | 3005.4 | 2777.9 | 2731.5 | 2887.7 | 3273.7 | 3853.3 | 4072.9 |
| 30° | 3985.7 | 3882.7 | 3339.4 | 2858.3 | 2647.7 | 2613.8 | 2764.3 | 3124.3 | 3805.8 | 4205.4 |
| 32.5° | 4084.2 | 3895.2 | 3221.7 | 2772.3 | 2618.3 | 2630.8 | 2754.1 | 3043.9 | 3753.7 | 4332.1 |
| 35° | 4190.6 | 3934.8 | 3163.9 | 2857.2 | 2863.9 | 2972.6 | 3023.6 | 3118.6 | 3745.8 | 4504.2 |
| 37.5° | 4335.5 | 4023.1 | 3233.0 | 3279.4 | 3514.8 | 3740.1 | 3698.2 | 3484.3 | 3837.5 | 4761.2 |
| 40° | 4543.8 | 4178.2 | 3534.1 | 3998.2 | 4481.6 | 4847.2 | 4687.6 | 4148.8 | 4118.2 | 5131.3 |
| 42.5° | 4847.2 | 4425.0 | 4068.4 | 4876.6 | 5696.2 | 6298.4 | 5870.5 | 5005.7 | 4609.5 | 5660.0 |
| 45° | 5295.5 | 4824.6 | 4714.8 | 5803.7 | 7193.8 | 8142.4 | 7252.7 | 5919.2 | 5297.7 | 6460.3 |
| 47.5° | 5916.9 | 5412.1 | 5320.4 | 6780.6 | 9014.1 | 10241.1 | 8785.4 | 6765.9 | 6081.1 | 7551.5 |
| 50° | 6742.2 | 6203.3 | 5894.3 | 7849.2 | 11009.8 | 12380.6 | 10317.0 | 7583.2 | 6978.7 | 8885.0 |
| 52.5° | 7831.1 | 7307.0 | 6563.3 | 8866.9 | 13062.1 | 14474.8 | 11855.4 | 8300.9 | 8092.6 | 10432.4 |
| 55° | 9316.3 | 8967.6 | 7477.9 | 9838.2 | 15113.2 | 16581.4 | 13333.7 | 8977.8 | 9564.2 | 12270.8 |
| 57.5° | 11159.2 | 11408.2 | 8796.7 | 10964.5 | 16957.3 | 18752.6 | 14818.9 | 9924.2 | 11475.0 | 14326.5 |
| 60° | 12347.8 | 14653.7 | 11322.2 | 12629.6 | 19052.6 | 21207.9 | 16854.2 | 11724.1 | 13483.2 | 15063.4 |
| 62.5° | 12060.3 | 15686.0 | 14346.9 | 14755.5 | 20979.2 | 22993.0 | 18848.8 | 13531.8 | 13861.3 | 13977.9 |
| 65° | 11178.4 | 14852.9 | 13729.9 | 15168.7 | 21467.1 | 23093.8 | 19382.0 | 13298.7 | 11758.0 | 11411.6 |
| 67.5° | 9964.9 | 13864.7 | 12264.0 | 14072.9 | 20585.3 | 21685.6 | 18389.2 | 11763.7 | 9086.5 | 8563.5 |
| 70° | 8655.2 | 12771.1 | 11301.8 | 12843.6 | 18904.3 | 19231.4 | 16701.4 | 10346.4 | 6683.3 | 5783.4 |
| 72.5° | 7412.3 | 11632.4 | 10643.0 | 11583.7 | 16661.8 | 15984.9 | 14504.2 | 9093.3 | 4866.4 | 4171.4 |
| 75° | 6141.1 | 9952.5 | 9704.6 | 10087.2 | 13713.0 | 12591.2 | 12051.2 | 7528.9 | 3819.3 | 3017.9 |
| 77.5° | 4738.5 | 7776.8 | 8347.3 | 8077.9 | 9652.5 | 9352.5 | 9341.2 | 5657.7 | 2790.4 | 2013.8 |
| 80° | 3243.2 | 5420.0 | 6521.4 | 5698.5 | 6264.5 | 6111.6 | 7035.3 | 3795.6 | 2024.0 | 1212.4 |
| 82.5° | 1906.3 | 3299.8 | 4539.3 | 2758.7 | 3463.9 | 3555.6 | 4189.5 | 1846.3 | 1190.9 | 279.6 |
| 85° | 773.2 | 1302.9 | 1775.0 | 1079.9 | 1670.8 | 1409.3 | 1590.5 | 518.5 | 331.7 | 6.8 |
| 87.5° | 194.7 | 416.6 | 292.1 | 121.1 | 193.6 | 177.7 | 140.4 | 63.4 | 13.6 | 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° |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2275.3 | 0° | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 |
| 2570.8 | 2.5° | 2526.6 | 2500.6 | 2436.0 | 2371.5 | 2319.5 | 2249.3 | 2202.9 | 2147.4 | 2094.2 | 2046.6 |
| 2865.1 | 5° | 2793.8 | 2707.7 | 2590.0 | 2482.5 | 2372.7 | 2266.3 | 2161.0 | 2050.0 | 1948.2 | 1885.9 |
| 3114.1 | 7.5° | 3011.1 | 2859.4 | 2703.2 | 2566.2 | 2433.8 | 2309.3 | 2170.0 | 2035.3 | 1875.7 | 1790.8 |
| 3304.3 | 10° | 3173.0 | 2973.7 | 2768.9 | 2611.5 | 2477.9 | 2356.8 | 2239.1 | 2103.2 | 1910.8 | 1804.4 |
| 3419.8 | 12.5° | 3279.4 | 3042.8 | 2802.8 | 2622.8 | 2473.4 | 2379.4 | 2327.4 | 2274.2 | 2082.9 | 1958.3 |
| 3504.7 | 15° | 3353.0 | 3091.5 | 2826.6 | 2596.8 | 2413.4 | 2344.4 | 2396.4 | 2457.6 | 2335.3 | 2191.5 |
| 3592.9 | 17.5° | 3433.3 | 3154.9 | 2836.8 | 2526.6 | 2296.8 | 2267.4 | 2402.1 | 2543.6 | 2537.9 | 2395.3 |
| 3676.7 | 20° | 3518.2 | 3210.3 | 2830.0 | 2413.4 | 2155.3 | 2181.4 | 2353.4 | 2517.6 | 2586.6 | 2509.6 |
| 3772.9 | 22.5° | 3605.4 | 3263.5 | 2803.9 | 2266.3 | 2022.9 | 2104.4 | 2276.4 | 2420.2 | 2501.7 | 2477.9 |
| 3890.7 | 25° | 3715.2 | 3338.2 | 2765.5 | 2107.8 | 1913.1 | 2026.3 | 2187.0 | 2303.6 | 2360.2 | 2359.1 |
| 4017.4 | 27.5° | 3846.5 | 3437.9 | 2745.1 | 1979.9 | 1835.0 | 1938.0 | 2080.6 | 2184.7 | 2224.4 | 2224.4 |
| 4174.8 | 30° | 3999.3 | 3555.6 | 2722.4 | 1896.1 | 1789.7 | 1846.3 | 1957.2 | 2059.1 | 2098.7 | 2098.7 |
| 4346.9 | 32.5° | 4169.1 | 3668.8 | 2668.1 | 1845.1 | 1755.7 | 1756.9 | 1827.0 | 1919.9 | 1967.4 | 1974.2 |
| 4561.9 | 35° | 4372.9 | 3789.9 | 2549.2 | 1804.4 | 1716.1 | 1669.7 | 1703.6 | 1780.6 | 1837.2 | 1851.9 |
| 4868.7 | 37.5° | 4640.0 | 3938.2 | 2379.4 | 1744.4 | 1655.0 | 1578.0 | 1585.9 | 1644.8 | 1707.0 | 1729.7 |
| 5292.1 | 40° | 4998.9 | 4112.5 | 2202.9 | 1658.4 | 1568.9 | 1477.3 | 1473.9 | 1516.9 | 1578.0 | 1602.9 |
| 5864.9 | 42.5° | 5473.2 | 4321.9 | 2034.2 | 1575.7 | 1464.8 | 1370.8 | 1365.2 | 1399.1 | 1452.3 | 1478.4 |
| 6621.0 | 45° | 6079.9 | 4578.9 | 1889.3 | 1511.2 | 1362.9 | 1270.1 | 1267.8 | 1296.1 | 1342.5 | 1369.7 |
| 7588.9 | 47.5° | 6923.3 | 4835.9 | 1790.8 | 1477.3 | 1282.5 | 1187.5 | 1192.0 | 1216.9 | 1258.8 | 1278.0 |
| 8842.0 | 50° | 8022.4 | 4914.0 | 1741.0 | 1477.3 | 1239.5 | 1113.9 | 1136.5 | 1156.9 | 1188.6 | 1199.9 |
| 10344.2 | 52.5° | 9077.5 | 4655.9 | 1695.7 | 1486.3 | 1245.2 | 1051.6 | 1100.3 | 1115.0 | 1142.2 | 1146.7 |
| 11736.5 | 55° | 9594.8 | 4002.7 | 1633.5 | 1488.6 | 1280.3 | 998.4 | 1070.9 | 1098.0 | 1108.2 | 1107.1 |
| 12544.7 | 57.5° | 9417.1 | 3236.4 | 1528.2 | 1479.5 | 1304.1 | 964.5 | 1034.6 | 1086.7 | 1093.5 | 1083.3 |
| 12390.8 | 60° | 8793.3 | 2382.8 | 1447.8 | 1412.7 | 1295.0 | 954.3 | 979.2 | 1061.8 | 1072.0 | 1058.4 |
| 11204.5 | 62.5° | 7747.4 | 1653.8 | 1385.6 | 1265.6 | 1255.4 | 950.9 | 892.0 | 1007.5 | 1032.4 | 1013.1 |
| 9006.1 | 65° | 6099.2 | 1168.2 | 1193.1 | 1109.4 | 1169.3 | 932.8 | 801.5 | 941.8 | 975.8 | 946.3 |
| 6533.9 | 67.5° | 4127.2 | 843.3 | 966.7 | 1005.2 | 1030.1 | 892.0 | 735.8 | 867.1 | 912.4 | 873.9 |
| 4192.9 | 70° | 2228.9 | 592.0 | 638.4 | 846.7 | 875.0 | 821.8 | 676.9 | 791.3 | 843.3 | 801.5 |
| 2980.5 | 72.5° | 1316.5 | 425.6 | 447.1 | 680.3 | 729.0 | 723.3 | 611.3 | 703.0 | 766.4 | 716.6 |
| 2056.8 | 75° | 725.6 | 287.5 | 319.2 | 493.5 | 592.0 | 558.1 | 525.2 | 595.4 | 660.0 | 611.3 |
| 1289.3 | 77.5° | 324.9 | 172.1 | 221.9 | 323.8 | 465.2 | 382.6 | 406.4 | 464.1 | 524.1 | 473.2 |
| 717.7 | 80° | 125.7 | 96.2 | 147.2 | 176.6 | 338.5 | 211.7 | 261.5 | 341.9 | 384.9 | 344.1 |
| 156.2 | 82.5° | 15.8 | 43.0 | 63.4 | 69.1 | 197.0 | 112.1 | 151.7 | 215.1 | 211.7 | 183.4 |
| 0.0 | 85° | 0.0 | 7.9 | 9.1 | 4.5 | 84.9 | 40.8 | 49.8 | 70.2 | 65.7 | 49.8 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2275.3 | 0° | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 |
| 2037.6 | 2.5° | 1982.1 | 1941.4 | 1921.0 | 1904.0 | 1919.9 | 1928.9 | 1928.9 | 1967.4 | 1990.0 | 1999.1 |
| 1846.3 | 5° | 1746.7 | 1670.8 | 1619.9 | 1589.3 | 1599.5 | 1610.8 | 1623.3 | 1672.0 | 1704.8 | 1726.3 |
| 1713.8 | 7.5° | 1561.0 | 1445.6 | 1374.2 | 1336.9 | 1342.5 | 1350.5 | 1360.7 | 1408.2 | 1441.0 | 1469.3 |
| 1688.9 | 10° | 1469.3 | 1306.3 | 1212.4 | 1167.1 | 1159.2 | 1154.6 | 1151.2 | 1179.5 | 1204.4 | 1227.1 |
| 1790.8 | 12.5° | 1473.9 | 1246.3 | 1132.0 | 1076.5 | 1052.8 | 1025.6 | 1004.1 | 1008.6 | 1024.5 | 1052.8 |
| 1973.1 | 15° | 1531.6 | 1227.1 | 1090.1 | 1021.1 | 981.4 | 949.7 | 923.7 | 918.0 | 923.7 | 928.2 |
| 2181.4 | 17.5° | 1609.7 | 1224.8 | 1053.9 | 967.9 | 927.1 | 901.1 | 877.3 | 869.4 | 870.5 | 876.2 |
| 2319.5 | 20° | 1672.0 | 1218.0 | 1013.1 | 916.9 | 880.7 | 858.1 | 834.3 | 826.4 | 828.6 | 829.8 |
| 2333.0 | 22.5° | 1704.8 | 1207.8 | 967.9 | 866.0 | 835.4 | 812.8 | 791.3 | 790.1 | 790.1 | 796.9 |
| 2259.5 | 25° | 1704.8 | 1186.3 | 927.1 | 817.3 | 790.1 | 769.8 | 743.7 | 748.2 | 750.5 | 759.6 |
| 2145.1 | 27.5° | 1664.0 | 1145.6 | 894.3 | 775.4 | 747.1 | 726.7 | 703.0 | 708.6 | 712.0 | 722.2 |
| 2031.9 | 30° | 1612.0 | 1096.9 | 856.9 | 735.8 | 703.0 | 688.3 | 667.9 | 670.1 | 674.7 | 686.0 |
| 1926.7 | 32.5° | 1556.5 | 1039.2 | 826.4 | 696.2 | 663.3 | 652.0 | 629.4 | 632.8 | 637.3 | 649.8 |
| 1822.5 | 35° | 1495.4 | 971.3 | 790.1 | 660.0 | 627.1 | 618.1 | 592.0 | 594.3 | 601.1 | 614.7 |
| 1710.4 | 37.5° | 1430.8 | 915.8 | 753.9 | 624.9 | 590.9 | 581.8 | 554.7 | 556.9 | 564.9 | 580.7 |
| 1592.7 | 40° | 1367.4 | 861.4 | 715.4 | 587.5 | 553.5 | 545.6 | 516.2 | 518.5 | 527.5 | 544.5 |
| 1473.9 | 42.5° | 1298.4 | 819.6 | 665.6 | 549.0 | 512.8 | 504.9 | 477.7 | 481.1 | 491.3 | 508.3 |
| 1364.1 | 45° | 1215.8 | 792.4 | 610.1 | 512.8 | 472.0 | 464.1 | 439.2 | 446.0 | 457.3 | 474.3 |
| 1270.1 | 47.5° | 1130.9 | 781.1 | 563.7 | 474.3 | 430.2 | 423.4 | 403.0 | 414.3 | 426.8 | 440.3 |
| 1189.7 | 50° | 1049.4 | 766.4 | 516.2 | 438.1 | 393.9 | 387.1 | 373.6 | 388.3 | 400.7 | 413.2 |
| 1132.0 | 52.5° | 956.5 | 734.7 | 473.2 | 406.4 | 363.4 | 361.1 | 354.3 | 367.9 | 379.2 | 390.5 |
| 1082.2 | 55° | 860.3 | 683.7 | 435.8 | 378.1 | 337.3 | 339.6 | 336.2 | 347.5 | 356.6 | 366.8 |
| 1036.9 | 57.5° | 776.5 | 619.2 | 406.4 | 347.5 | 314.7 | 321.5 | 317.0 | 322.6 | 328.3 | 340.7 |
| 982.6 | 60° | 691.6 | 542.2 | 373.6 | 311.3 | 292.1 | 300.0 | 287.5 | 286.4 | 288.7 | 292.1 |
| 902.2 | 62.5° | 577.3 | 461.9 | 332.8 | 279.6 | 267.2 | 270.5 | 246.8 | 228.7 | 228.7 | 232.1 |
| 790.1 | 65° | 464.1 | 387.1 | 287.5 | 243.4 | 233.2 | 230.9 | 197.0 | 172.1 | 169.8 | 180.0 |
| 660.0 | 67.5° | 381.5 | 321.5 | 242.2 | 202.6 | 195.8 | 198.1 | 173.2 | 148.3 | 146.0 | 157.3 |
| 537.7 | 70° | 315.8 | 259.2 | 193.6 | 156.2 | 163.0 | 173.2 | 148.3 | 124.5 | 121.1 | 131.3 |
| 436.9 | 72.5° | 251.3 | 202.6 | 148.3 | 115.5 | 134.7 | 147.2 | 121.1 | 98.5 | 96.2 | 105.3 |
| 337.3 | 75° | 184.5 | 144.9 | 100.7 | 83.8 | 104.1 | 115.5 | 88.3 | 70.2 | 66.8 | 74.7 |
| 225.3 | 77.5° | 114.3 | 81.5 | 63.4 | 49.8 | 71.3 | 77.0 | 46.4 | 40.8 | 39.6 | 45.3 |
| 137.0 | 80° | 53.2 | 35.1 | 30.6 | 17.0 | 26.0 | 30.6 | 19.2 | 21.5 | 22.6 | 27.2 |
| 69.1 | 82.5° | 14.7 | 5.7 | 1.1 | 0.0 | 0.0 | 9.1 | 4.5 | 9.1 | 11.3 | 17.0 |
| 5.7 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 5.7 | 10.2 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| 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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| 2275.3 | 0° | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 | 2275.3 |
| 2062.5 | 2.5° | 2110.0 | 2155.3 | 2227.8 | 2302.5 | 2376.1 | 2450.8 | 2523.2 | 2549.2 |
| 1824.8 | 5° | 1914.2 | 2018.3 | 2162.1 | 2316.1 | 2474.5 | 2635.3 | 2782.4 | 2849.2 |
| 1579.1 | 7.5° | 1695.7 | 1845.1 | 2061.4 | 2302.5 | 2554.9 | 2807.3 | 3039.4 | 3146.9 |
| 1335.8 | 10° | 1462.5 | 1651.6 | 1898.4 | 2224.4 | 2586.6 | 2935.3 | 3254.5 | 3393.7 |
| 1121.8 | 12.5° | 1240.7 | 1438.8 | 1711.6 | 2102.1 | 2561.7 | 3008.8 | 3392.6 | 3556.7 |
| 971.3 | 15° | 1055.0 | 1230.5 | 1524.8 | 1957.2 | 2481.3 | 3013.4 | 3458.2 | 3638.2 |
| 887.5 | 17.5° | 915.8 | 1030.1 | 1334.6 | 1796.5 | 2376.1 | 2971.5 | 3480.9 | 3673.3 |
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| 806.0 | 22.5° | 806.0 | 813.9 | 889.7 | 1324.4 | 2159.8 | 2919.4 | 3543.1 | 3751.4 |
| 773.2 | 25° | 773.2 | 775.4 | 795.8 | 1049.4 | 1979.9 | 2911.5 | 3604.3 | 3813.7 |
| 739.2 | 27.5° | 740.3 | 740.3 | 751.6 | 845.6 | 1735.3 | 2877.5 | 3683.5 | 3888.4 |
| 705.2 | 30° | 707.5 | 707.5 | 715.4 | 748.2 | 1449.0 | 2810.7 | 3778.6 | 3985.7 |
| 671.3 | 32.5° | 673.5 | 673.5 | 680.3 | 704.1 | 1156.9 | 2727.0 | 3865.8 | 4084.2 |
| 636.2 | 35° | 639.6 | 637.3 | 646.4 | 671.3 | 920.3 | 2620.6 | 3952.9 | 4190.6 |
| 601.1 | 37.5° | 603.4 | 602.2 | 611.3 | 639.6 | 794.7 | 2497.2 | 4018.6 | 4335.5 |
| 566.0 | 40° | 564.9 | 564.9 | 575.1 | 605.6 | 758.4 | 2342.1 | 4122.7 | 4543.8 |
| 529.8 | 42.5° | 529.8 | 527.5 | 538.8 | 576.2 | 731.3 | 2193.8 | 4309.5 | 4847.2 |
| 496.9 | 45° | 495.8 | 491.3 | 501.5 | 547.9 | 683.7 | 2141.7 | 4658.2 | 5295.5 |
| 465.2 | 47.5° | 464.1 | 452.8 | 461.9 | 513.9 | 640.7 | 2336.4 | 5228.7 | 5916.9 |
| 436.9 | 50° | 438.1 | 416.6 | 424.5 | 480.0 | 607.9 | 2758.7 | 5969.0 | 6742.2 |
| 410.9 | 52.5° | 410.9 | 382.6 | 387.1 | 438.1 | 578.4 | 3160.5 | 6771.6 | 7831.1 |
| 384.9 | 55° | 382.6 | 350.9 | 353.2 | 396.2 | 536.6 | 3220.5 | 7554.9 | 9316.3 |
| 355.4 | 57.5° | 350.9 | 321.5 | 321.5 | 357.7 | 506.0 | 2791.5 | 8157.1 | 11159.2 |
| 319.2 | 60° | 315.8 | 296.6 | 290.9 | 327.1 | 533.2 | 1969.7 | 8227.3 | 12347.8 |
| 272.8 | 62.5° | 277.3 | 267.2 | 259.2 | 297.7 | 553.5 | 1167.1 | 7662.5 | 12060.3 |
| 215.1 | 65° | 233.2 | 230.9 | 225.3 | 327.1 | 466.4 | 689.4 | 6578.0 | 11178.4 |
| 183.4 | 67.5° | 195.8 | 192.4 | 192.4 | 343.0 | 354.3 | 433.6 | 5139.2 | 9964.9 |
| 156.2 | 70° | 168.7 | 156.2 | 156.2 | 259.2 | 215.1 | 300.0 | 3588.4 | 8655.2 |
| 129.0 | 72.5° | 141.5 | 127.9 | 118.9 | 207.2 | 160.7 | 219.6 | 2242.5 | 7412.3 |
| 98.5 | 75° | 113.2 | 103.0 | 91.7 | 137.0 | 120.0 | 166.4 | 1302.9 | 6141.1 |
| 62.3 | 77.5° | 81.5 | 77.0 | 64.5 | 100.7 | 87.2 | 120.0 | 775.4 | 4738.5 |
| 38.5 | 80° | 41.9 | 43.0 | 40.8 | 57.7 | 58.9 | 81.5 | 441.5 | 3243.2 |
| 24.9 | 82.5° | 24.9 | 19.2 | 21.5 | 28.3 | 34.0 | 46.4 | 166.4 | 1906.3 |
| 18.1 | 85° | 15.8 | 10.2 | 10.2 | 13.6 | 17.0 | 18.1 | 50.9 | 773.2 |
| 9.1 | 87.5° | 7.9 | 3.4 | 4.5 | 6.8 | 5.7 | 4.5 | 2.3 | 194.7 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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