

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: P950425

Luminaire Tested: **GALN-SB4D-850-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950425
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-SB4D-850-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 80 CRI, 5000K, 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: 29772 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

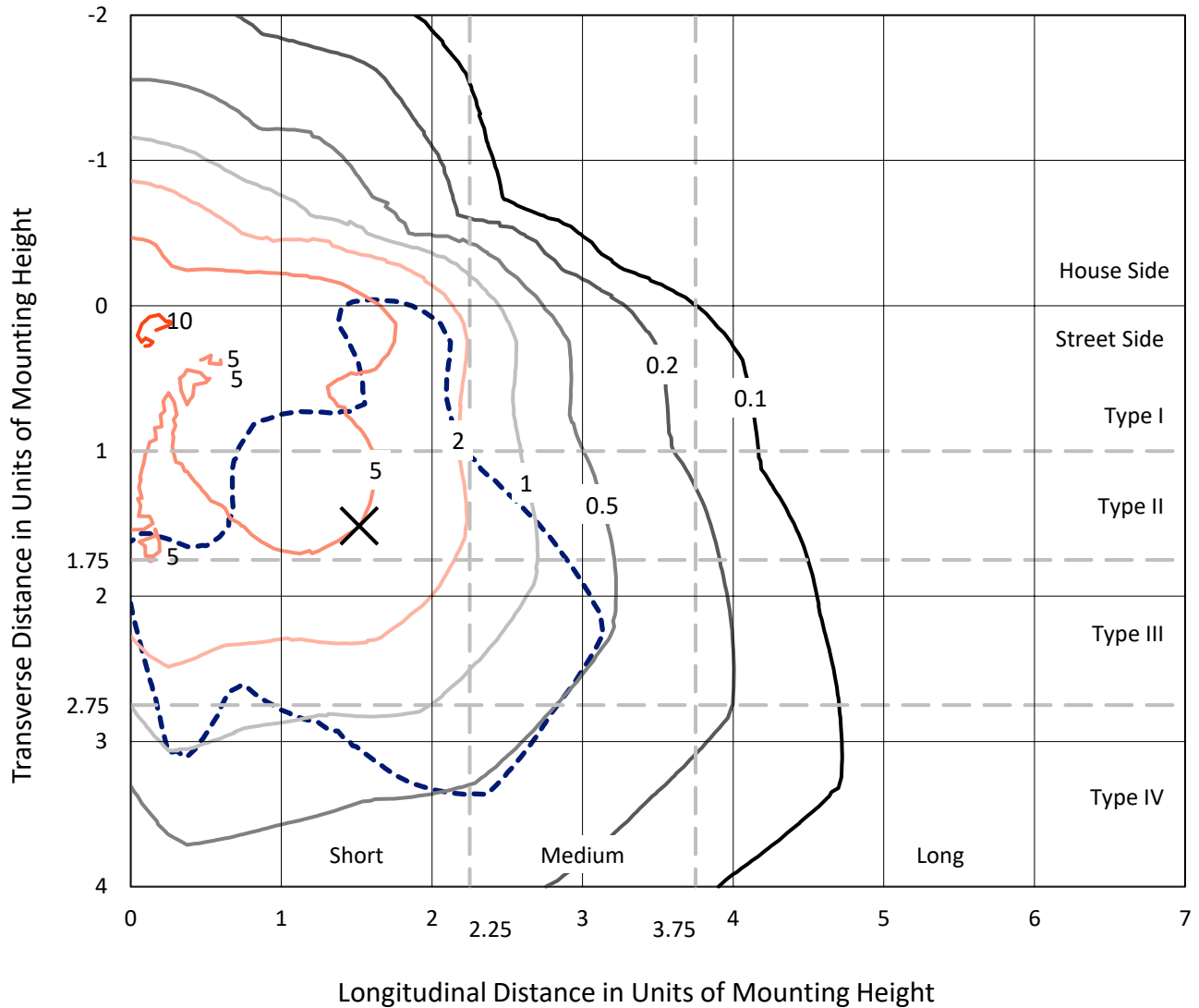
Input Watts (W): 293.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P950425
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Iso-Footcandle Lines of Horizontal Illumination

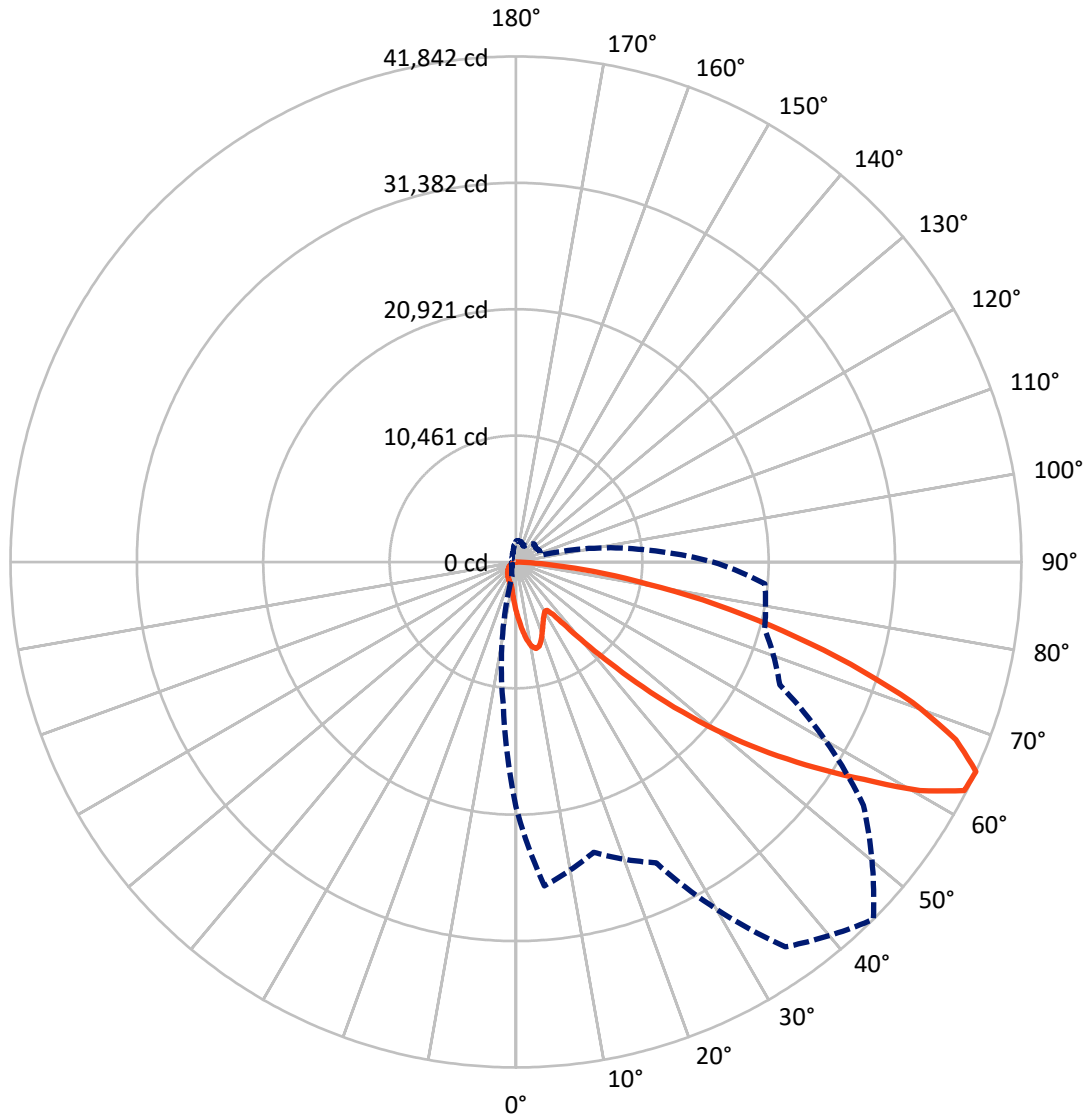
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P950425
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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 | 5917.8 | 0.0 | 5917.8 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 23854.2 | 0.0 | 23854.2 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 29772.0 | 0.0 | 29772.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 405.9 | 1.4 |
| 10°-20° | 1216.7 | 4.1 |
| 20°-30° | 1792.4 | 6.0 |
| 30°-40° | 2302.8 | 7.7 |
| 40°-50° | 3724.3 | 12.5 |
| 50°-60° | 6530.9 | 21.9 |
| 60°-70° | 8171.9 | 27.4 |
| 70°-80° | 4775.3 | 16.0 |
| 80°-90° | 852.0 | 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° | 29772.0 | 100.0 |
| 0°-180° | 29772.0 | 100.0 |



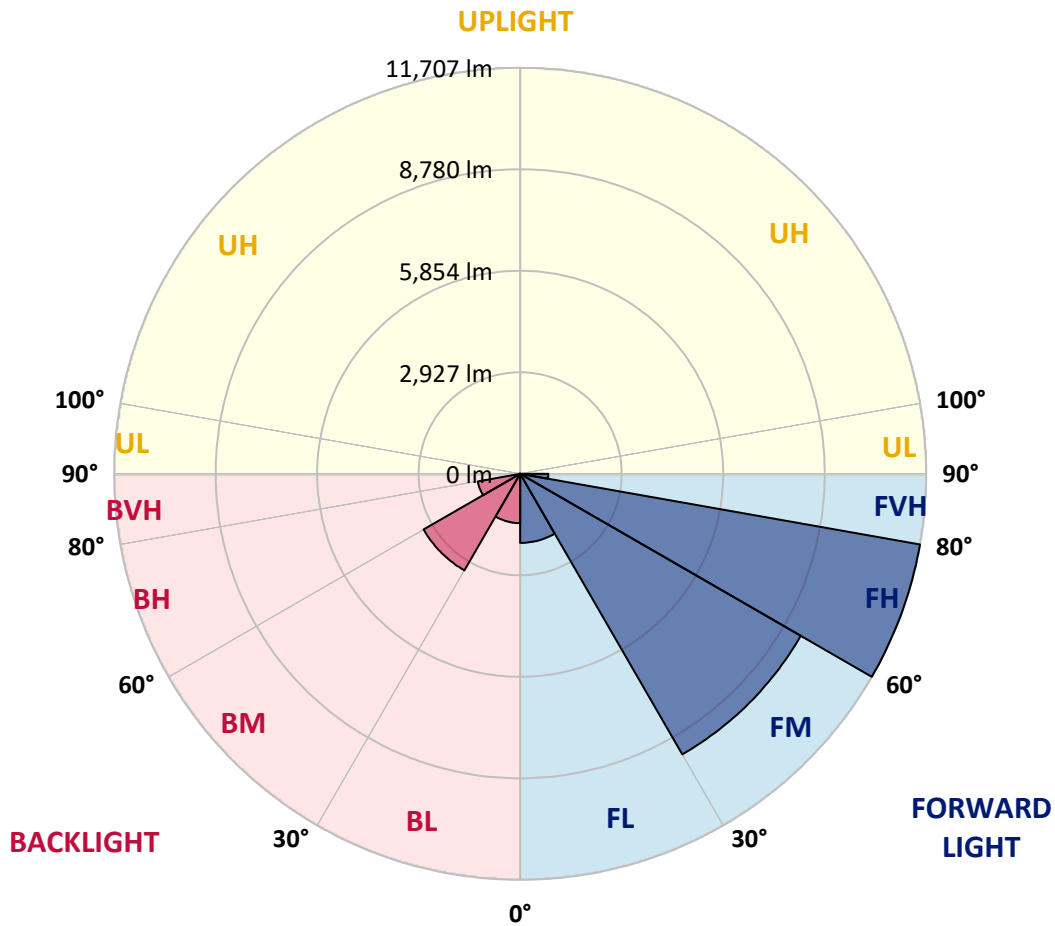
REPORT NUMBER: P950425
 CATALOG NUMBER: GALN-SB4D-850-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1992.1 | 6.7 | | | |
| FM (30°-60°) | 9342.8 | 31.4 | | | |
| FH (60°-80°) | 11707.3 | 39.3 | | | G4/12000 |
| FVH (80°-90°) | 812.1 | 2.7 | | | G5 |
| BL (0°-30°) | 1422.9 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 3215.1 | 10.8 | B3/5000 | | |
| BH (60°-80°) | 1239.9 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 39.9 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5

Type IV Short



REPORT NUMBER: P950425
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 |
| 2.5° | 4618.8 | 4653.7 | 4731.6 | 4772.6 | 4836.2 | 4840.3 | 4840.3 | 4784.9 | 4782.9 | 4670.1 |
| 5° | 5162.3 | 5244.4 | 5428.9 | 5619.7 | 5660.7 | 5671.0 | 5650.4 | 5539.7 | 5457.7 | 5238.2 |
| 7.5° | 5701.7 | 5859.6 | 6140.6 | 6395.0 | 6477.0 | 6477.0 | 6427.8 | 6247.3 | 6079.1 | 5761.2 |
| 10° | 6148.8 | 6347.8 | 6729.3 | 7014.4 | 7108.7 | 7088.2 | 6987.7 | 6760.0 | 6528.3 | 6142.7 |
| 12.5° | 6444.2 | 6667.7 | 7086.1 | 7315.8 | 7412.2 | 7358.9 | 7244.1 | 7022.6 | 6778.5 | 6372.4 |
| 15° | 6591.8 | 6825.7 | 7188.7 | 7309.7 | 7283.0 | 7227.7 | 7213.3 | 7106.6 | 6922.1 | 6542.6 |
| 17.5° | 6655.4 | 6872.8 | 7125.1 | 7049.2 | 6823.6 | 6780.5 | 6924.1 | 7059.5 | 7014.4 | 6690.3 |
| 20° | 6714.9 | 6897.4 | 6973.3 | 6637.0 | 6243.2 | 6204.2 | 6479.0 | 6864.6 | 7061.5 | 6827.7 |
| 22.5° | 6796.9 | 6909.8 | 6753.9 | 6202.2 | 5777.6 | 5687.4 | 5990.9 | 6571.3 | 7075.9 | 7002.0 |
| 25° | 6909.8 | 6940.5 | 6511.9 | 5789.9 | 5363.3 | 5273.1 | 5556.1 | 6245.2 | 7051.3 | 7190.7 |
| 27.5° | 7045.1 | 6981.5 | 6280.1 | 5445.4 | 5033.1 | 4949.0 | 5232.0 | 5931.4 | 6981.5 | 7379.4 |
| 30° | 7221.5 | 7034.9 | 6050.4 | 5178.7 | 4797.2 | 4735.7 | 5008.5 | 5660.7 | 6895.4 | 7619.4 |
| 32.5° | 7399.9 | 7057.4 | 5837.1 | 5022.8 | 4743.9 | 4766.5 | 4990.0 | 5515.1 | 6801.0 | 7849.1 |
| 35° | 7592.7 | 7129.2 | 5732.5 | 5176.7 | 5189.0 | 5385.9 | 5478.2 | 5650.4 | 6786.7 | 8160.8 |
| 37.5° | 7855.3 | 7289.2 | 5857.6 | 5941.7 | 6368.3 | 6776.4 | 6700.6 | 6312.9 | 6952.8 | 8626.4 |
| 40° | 8232.6 | 7570.2 | 6403.2 | 7244.1 | 8119.8 | 8782.3 | 8493.1 | 7516.8 | 7461.5 | 9297.1 |
| 42.5° | 8782.3 | 8017.3 | 7371.2 | 8835.6 | 10320.5 | 11411.7 | 10636.4 | 9069.4 | 8351.6 | 10254.9 |
| 45° | 9594.5 | 8741.3 | 8542.3 | 10515.4 | 13034.0 | 14752.7 | 13140.6 | 10724.6 | 9598.6 | 11704.9 |
| 47.5° | 10720.5 | 9805.7 | 9639.6 | 12285.4 | 16332.0 | 18555.2 | 15917.7 | 12258.7 | 11017.9 | 13682.1 |
| 50° | 12215.6 | 11239.4 | 10679.5 | 14221.5 | 19947.8 | 22431.6 | 18692.6 | 13739.5 | 12644.3 | 16098.1 |
| 52.5° | 14188.7 | 13239.1 | 11891.6 | 16065.3 | 23666.3 | 26225.9 | 21479.9 | 15039.8 | 14662.5 | 18901.8 |
| 55° | 16879.6 | 16247.9 | 13548.8 | 17825.1 | 27382.6 | 30042.8 | 24158.5 | 16266.3 | 17328.7 | 22232.6 |
| 57.5° | 20218.6 | 20669.8 | 15938.2 | 19865.8 | 30723.7 | 33976.5 | 26849.4 | 17980.9 | 20790.8 | 25957.2 |
| 60° | 22372.1 | 26549.9 | 20513.9 | 22882.8 | 34520.0 | 38425.1 | 30537.0 | 21242.0 | 24429.2 | 27292.4 |
| 62.5° | 21851.1 | 28420.4 | 25994.1 | 26734.5 | 38010.8 | 41659.5 | 34150.9 | 24517.4 | 25114.2 | 25325.5 |
| 65° | 20253.4 | 26910.9 | 24876.3 | 27483.1 | 38894.8 | 41842.0 | 35116.9 | 24094.9 | 21303.5 | 20675.9 |
| 67.5° | 18054.8 | 25120.4 | 22220.3 | 25497.8 | 37297.1 | 39290.6 | 33318.2 | 21313.8 | 16463.2 | 15515.7 |
| 70° | 15681.8 | 23139.2 | 20477.0 | 23270.4 | 34251.4 | 34844.1 | 30260.2 | 18746.0 | 12109.0 | 10478.5 |
| 72.5° | 13429.8 | 21075.9 | 19283.3 | 20987.7 | 30188.4 | 28961.9 | 26279.2 | 16475.5 | 8817.2 | 7557.9 |
| 75° | 11126.6 | 18032.2 | 17583.0 | 18276.3 | 24845.6 | 22813.0 | 21834.7 | 13641.1 | 6920.0 | 5467.9 |
| 77.5° | 8585.4 | 14090.2 | 15123.9 | 14635.8 | 17488.7 | 16945.2 | 16924.7 | 10250.8 | 5055.7 | 3648.7 |
| 80° | 5876.1 | 9820.1 | 11815.7 | 10324.6 | 11350.1 | 11073.2 | 12746.8 | 6876.9 | 3667.2 | 2196.6 |
| 82.5° | 3453.8 | 5978.6 | 8224.4 | 4998.2 | 6276.0 | 6442.1 | 7590.7 | 3345.1 | 2157.6 | 506.6 |
| 85° | 1400.8 | 2360.7 | 3215.9 | 1956.6 | 3027.2 | 2553.5 | 2881.6 | 939.3 | 600.9 | 12.3 |
| 87.5° | 352.8 | 754.8 | 529.2 | 219.5 | 350.7 | 322.0 | 254.3 | 114.9 | 24.6 | 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° |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4122.5 | 0° | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 |
| 4657.8 | 2.5° | 4577.8 | 4530.6 | 4413.7 | 4296.8 | 4202.5 | 4075.3 | 3991.2 | 3890.7 | 3794.3 | 3708.2 |
| 5191.0 | 5° | 5061.8 | 4905.9 | 4692.6 | 4497.8 | 4298.9 | 4106.1 | 3915.3 | 3714.3 | 3529.7 | 3416.9 |
| 5642.2 | 7.5° | 5455.6 | 5180.8 | 4897.7 | 4649.6 | 4409.6 | 4184.0 | 3931.7 | 3687.7 | 3398.5 | 3244.7 |
| 5986.8 | 10° | 5748.9 | 5387.9 | 5016.7 | 4731.6 | 4489.6 | 4270.1 | 4056.8 | 3810.7 | 3462.1 | 3269.3 |
| 6196.0 | 12.5° | 5941.7 | 5513.0 | 5078.2 | 4752.1 | 4481.4 | 4311.2 | 4216.8 | 4120.4 | 3773.8 | 3548.2 |
| 6349.8 | 15° | 6075.0 | 5601.2 | 5121.3 | 4704.9 | 4372.7 | 4247.6 | 4341.9 | 4452.7 | 4231.2 | 3970.7 |
| 6509.8 | 17.5° | 6220.6 | 5716.1 | 5139.8 | 4577.8 | 4161.4 | 4108.1 | 4352.2 | 4608.6 | 4598.3 | 4339.9 |
| 6661.6 | 20° | 6374.4 | 5816.6 | 5127.4 | 4372.7 | 3905.1 | 3952.2 | 4264.0 | 4561.4 | 4686.5 | 4547.0 |
| 6835.9 | 22.5° | 6532.4 | 5913.0 | 5080.3 | 4106.1 | 3665.1 | 3812.8 | 4124.5 | 4385.0 | 4532.7 | 4489.6 |
| 7049.2 | 25° | 6731.3 | 6048.3 | 5010.5 | 3818.9 | 3466.2 | 3671.3 | 3962.5 | 4173.7 | 4276.3 | 4274.2 |
| 7278.9 | 27.5° | 6969.2 | 6228.8 | 4973.6 | 3587.2 | 3324.6 | 3511.3 | 3769.7 | 3958.4 | 4030.2 | 4030.2 |
| 7564.0 | 30° | 7246.1 | 6442.1 | 4932.6 | 3435.4 | 3242.6 | 3345.1 | 3546.1 | 3730.7 | 3802.5 | 3802.5 |
| 7875.8 | 32.5° | 7553.8 | 6647.2 | 4834.2 | 3343.1 | 3181.1 | 3183.1 | 3310.3 | 3478.5 | 3564.6 | 3576.9 |
| 8265.4 | 35° | 7922.9 | 6866.7 | 4618.8 | 3269.3 | 3109.3 | 3025.2 | 3086.7 | 3226.2 | 3328.7 | 3355.4 |
| 8821.3 | 37.5° | 8407.0 | 7135.4 | 4311.2 | 3160.6 | 2998.5 | 2859.1 | 2873.4 | 2980.1 | 3092.9 | 3133.9 |
| 9588.3 | 40° | 9057.1 | 7451.2 | 3991.2 | 3004.7 | 2842.7 | 2676.5 | 2670.4 | 2748.3 | 2859.1 | 2904.2 |
| 10626.1 | 42.5° | 9916.5 | 7830.6 | 3685.6 | 2855.0 | 2654.0 | 2483.7 | 2473.5 | 2535.0 | 2631.4 | 2678.6 |
| 11996.2 | 45° | 11015.8 | 8296.2 | 3423.1 | 2738.1 | 2469.4 | 2301.2 | 2297.1 | 2348.4 | 2432.5 | 2481.7 |
| 13749.8 | 47.5° | 12543.8 | 8761.8 | 3244.7 | 2676.5 | 2323.8 | 2151.5 | 2159.7 | 2204.8 | 2280.7 | 2315.6 |
| 16020.2 | 50° | 14535.3 | 8903.3 | 3154.4 | 2676.5 | 2245.8 | 2018.2 | 2059.2 | 2096.1 | 2153.5 | 2174.0 |
| 18741.9 | 52.5° | 16446.8 | 8435.7 | 3072.4 | 2692.9 | 2256.1 | 1905.4 | 1993.6 | 2020.2 | 2069.4 | 2077.6 |
| 21264.6 | 55° | 17384.1 | 7252.3 | 2959.6 | 2697.0 | 2319.7 | 1809.0 | 1940.2 | 1989.5 | 2007.9 | 2005.9 |
| 22729.0 | 57.5° | 17062.1 | 5863.8 | 2768.8 | 2680.6 | 2362.7 | 1747.4 | 1874.6 | 1968.9 | 1981.2 | 1962.8 |
| 22450.0 | 60° | 15932.0 | 4317.3 | 2623.2 | 2559.6 | 2346.3 | 1729.0 | 1774.1 | 1923.8 | 1942.3 | 1917.7 |
| 20300.6 | 62.5° | 14036.9 | 2996.5 | 2510.4 | 2293.0 | 2274.5 | 1722.8 | 1616.2 | 1825.4 | 1870.5 | 1835.6 |
| 16317.6 | 65° | 11050.7 | 2116.6 | 2161.7 | 2010.0 | 2118.7 | 1690.0 | 1452.1 | 1706.4 | 1767.9 | 1714.6 |
| 11838.3 | 67.5° | 7477.9 | 1528.0 | 1751.5 | 1821.3 | 1866.4 | 1616.2 | 1333.1 | 1571.1 | 1653.1 | 1583.4 |
| 7596.8 | 70° | 4038.4 | 1072.7 | 1156.8 | 1534.1 | 1585.4 | 1489.0 | 1226.5 | 1433.6 | 1528.0 | 1452.1 |
| 5400.2 | 72.5° | 2385.3 | 771.2 | 810.1 | 1232.6 | 1320.8 | 1310.6 | 1107.5 | 1273.7 | 1388.5 | 1298.3 |
| 3726.6 | 75° | 1314.7 | 520.9 | 578.4 | 894.2 | 1072.7 | 1011.1 | 951.7 | 1078.8 | 1195.7 | 1107.5 |
| 2336.1 | 77.5° | 588.6 | 311.7 | 402.0 | 586.6 | 843.0 | 693.2 | 736.3 | 840.9 | 949.6 | 857.3 |
| 1300.3 | 80° | 227.7 | 174.3 | 266.6 | 320.0 | 613.2 | 383.5 | 473.8 | 619.4 | 697.3 | 623.5 |
| 283.0 | 82.5° | 28.7 | 77.9 | 114.9 | 125.1 | 356.9 | 203.0 | 274.8 | 389.7 | 383.5 | 332.3 |
| 0.0 | 85° | 0.0 | 14.4 | 16.4 | 8.2 | 153.8 | 73.8 | 90.2 | 127.2 | 119.0 | 90.2 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4122.5 | 0° | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 | 4122.5 |
| 3691.8 | 2.5° | 3591.3 | 3517.4 | 3480.5 | 3449.7 | 3478.5 | 3494.9 | 3494.9 | 3564.6 | 3605.6 | 3622.0 |
| 3345.1 | 5° | 3164.7 | 3027.2 | 2935.0 | 2879.6 | 2898.0 | 2918.5 | 2941.1 | 3029.3 | 3088.8 | 3127.7 |
| 3105.2 | 7.5° | 2828.3 | 2619.1 | 2489.9 | 2422.2 | 2432.5 | 2446.8 | 2465.3 | 2551.4 | 2610.9 | 2662.2 |
| 3060.1 | 10° | 2662.2 | 2366.8 | 2196.6 | 2114.6 | 2100.2 | 2092.0 | 2085.8 | 2137.1 | 2182.2 | 2223.3 |
| 3244.7 | 12.5° | 2670.4 | 2258.1 | 2051.0 | 1950.5 | 1907.4 | 1858.2 | 1819.2 | 1827.4 | 1856.1 | 1907.4 |
| 3574.9 | 15° | 2775.0 | 2223.3 | 1975.1 | 1850.0 | 1778.2 | 1720.8 | 1673.6 | 1663.3 | 1673.6 | 1681.8 |
| 3952.2 | 17.5° | 2916.5 | 2219.2 | 1909.5 | 1753.6 | 1679.8 | 1632.6 | 1589.5 | 1575.2 | 1577.2 | 1587.5 |
| 4202.5 | 20° | 3029.3 | 2206.9 | 1835.6 | 1661.3 | 1595.7 | 1554.6 | 1511.6 | 1497.2 | 1501.3 | 1503.4 |
| 4227.1 | 22.5° | 3088.8 | 2188.4 | 1753.6 | 1569.0 | 1513.6 | 1472.6 | 1433.6 | 1431.6 | 1431.6 | 1443.9 |
| 4093.8 | 25° | 3088.8 | 2149.4 | 1679.8 | 1480.8 | 1431.6 | 1394.7 | 1347.5 | 1355.7 | 1359.8 | 1376.2 |
| 3886.6 | 27.5° | 3014.9 | 2075.6 | 1620.3 | 1404.9 | 1353.6 | 1316.7 | 1273.7 | 1283.9 | 1290.1 | 1308.5 |
| 3681.5 | 30° | 2920.6 | 1987.4 | 1552.6 | 1333.1 | 1273.7 | 1247.0 | 1210.1 | 1214.2 | 1222.4 | 1242.9 |
| 3490.8 | 32.5° | 2820.1 | 1882.8 | 1497.2 | 1261.4 | 1201.9 | 1181.4 | 1140.3 | 1146.5 | 1154.7 | 1177.3 |
| 3302.1 | 35° | 2709.3 | 1759.7 | 1431.6 | 1195.7 | 1136.2 | 1119.8 | 1072.7 | 1076.8 | 1089.1 | 1113.7 |
| 3099.0 | 37.5° | 2592.4 | 1659.2 | 1366.0 | 1132.1 | 1070.6 | 1054.2 | 1005.0 | 1009.1 | 1023.4 | 1052.2 |
| 2885.7 | 40° | 2477.6 | 1560.8 | 1296.2 | 1064.5 | 1002.9 | 988.6 | 935.2 | 939.3 | 955.8 | 986.5 |
| 2670.4 | 42.5° | 2352.5 | 1484.9 | 1206.0 | 994.7 | 929.1 | 914.7 | 865.5 | 871.7 | 890.1 | 920.9 |
| 2471.4 | 45° | 2202.8 | 1435.7 | 1105.5 | 929.1 | 855.3 | 840.9 | 795.8 | 808.1 | 828.6 | 859.4 |
| 2301.2 | 47.5° | 2048.9 | 1415.2 | 1021.4 | 859.4 | 779.4 | 767.1 | 730.1 | 750.7 | 773.2 | 797.8 |
| 2155.6 | 50° | 1901.3 | 1388.5 | 935.2 | 793.7 | 713.7 | 701.4 | 676.8 | 703.5 | 726.0 | 748.6 |
| 2051.0 | 52.5° | 1733.1 | 1331.1 | 857.3 | 736.3 | 658.4 | 654.3 | 642.0 | 666.6 | 687.1 | 707.6 |
| 1960.7 | 55° | 1558.7 | 1238.8 | 789.6 | 685.0 | 611.2 | 615.3 | 609.1 | 629.7 | 646.1 | 664.5 |
| 1878.7 | 57.5° | 1407.0 | 1121.9 | 736.3 | 629.7 | 570.2 | 582.5 | 574.3 | 584.5 | 594.8 | 617.3 |
| 1780.3 | 60° | 1253.1 | 982.4 | 676.8 | 564.0 | 529.2 | 543.5 | 520.9 | 518.9 | 523.0 | 529.2 |
| 1634.6 | 62.5° | 1046.0 | 836.8 | 603.0 | 506.6 | 484.0 | 490.2 | 447.1 | 414.3 | 414.3 | 420.5 |
| 1431.6 | 65° | 840.9 | 701.4 | 520.9 | 441.0 | 422.5 | 418.4 | 356.9 | 311.7 | 307.6 | 326.1 |
| 1195.7 | 67.5° | 691.2 | 582.5 | 438.9 | 367.1 | 354.8 | 358.9 | 313.8 | 268.7 | 264.6 | 285.1 |
| 974.2 | 70° | 572.2 | 469.7 | 350.7 | 283.0 | 295.3 | 313.8 | 268.7 | 225.6 | 219.5 | 237.9 |
| 791.7 | 72.5° | 455.3 | 367.1 | 268.7 | 209.2 | 244.1 | 266.6 | 219.5 | 178.4 | 174.3 | 190.7 |
| 611.2 | 75° | 334.3 | 262.5 | 182.5 | 151.8 | 188.7 | 209.2 | 160.0 | 127.2 | 121.0 | 135.4 |
| 408.1 | 77.5° | 207.1 | 147.7 | 114.9 | 90.2 | 129.2 | 139.5 | 84.1 | 73.8 | 71.8 | 82.0 |
| 248.2 | 80° | 96.4 | 63.6 | 55.4 | 30.8 | 47.2 | 55.4 | 34.9 | 39.0 | 41.0 | 49.2 |
| 125.1 | 82.5° | 26.7 | 10.3 | 2.1 | 0.0 | 0.0 | 16.4 | 8.2 | 16.4 | 20.5 | 30.8 |
| 10.3 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 10.3 | 18.5 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.2 |
| 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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