

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: P954625

Luminaire Tested: **GALN-SB7D-827-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P954625
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-SB7D-827-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 80 CRI, 2700K, 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: 48027 lumens
Efficiency: N/A
Efficacy: 93.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

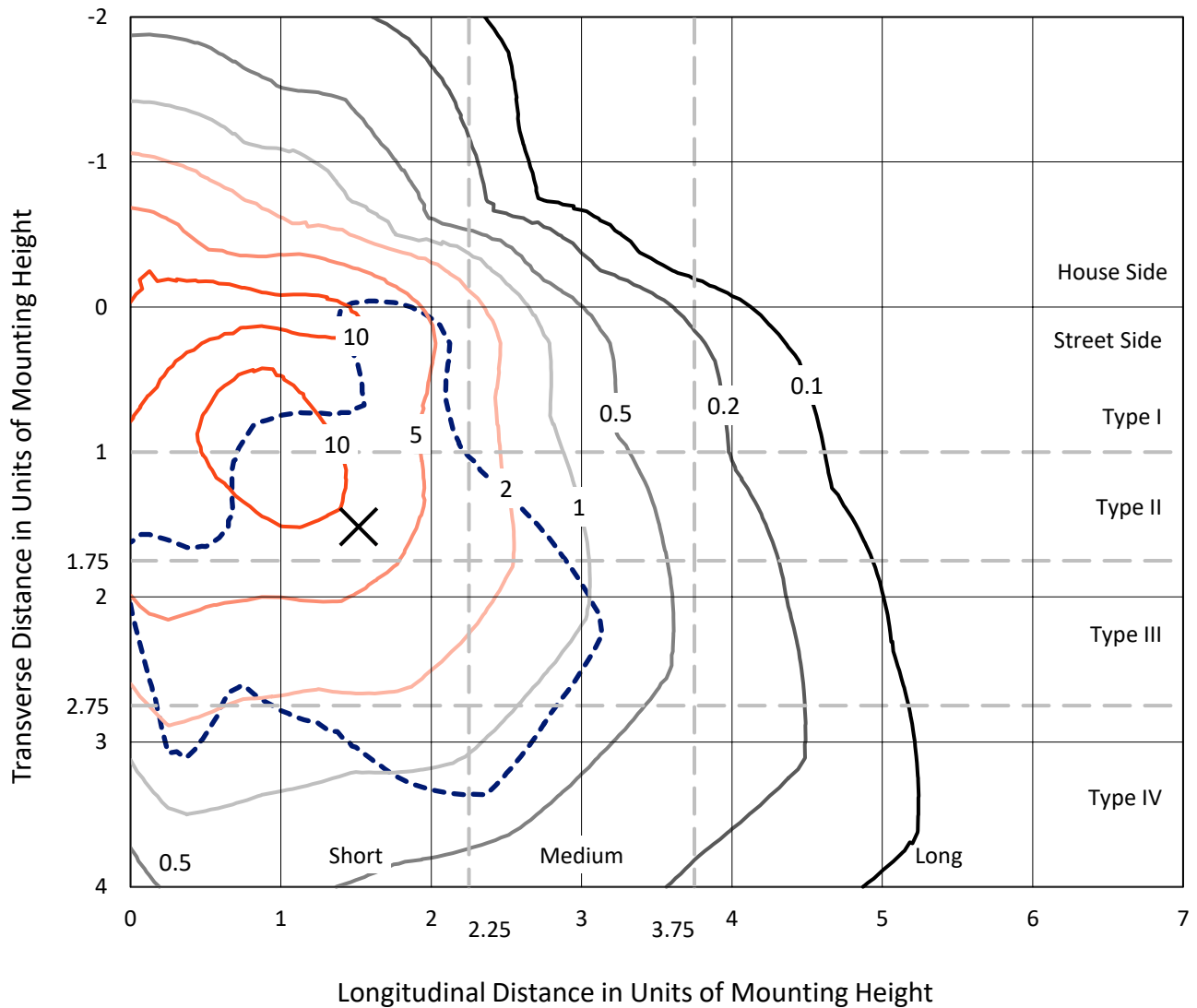
Input Watts (W): 512.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P954625
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Iso-Footcandle Lines of Horizontal Illumination

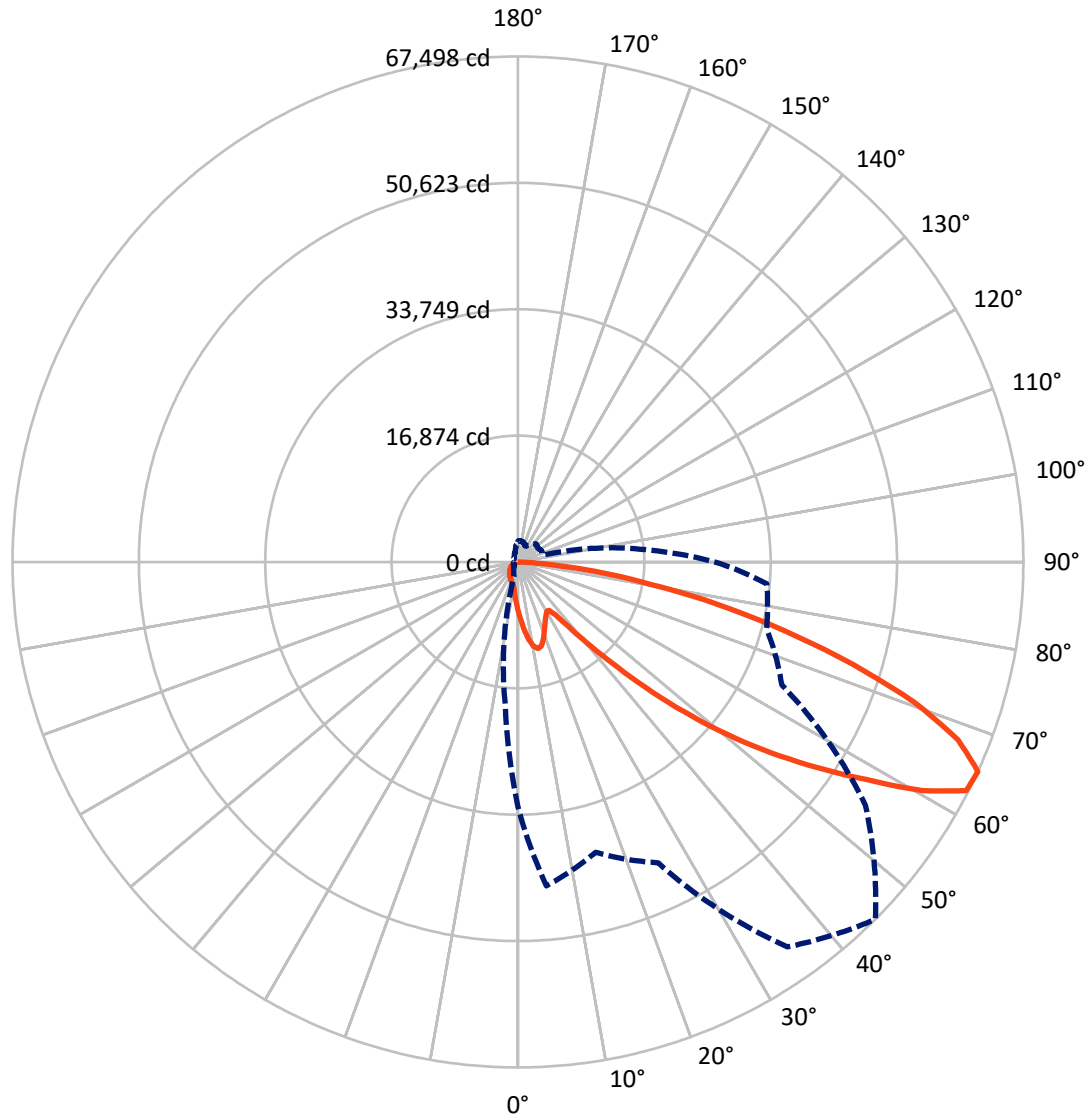
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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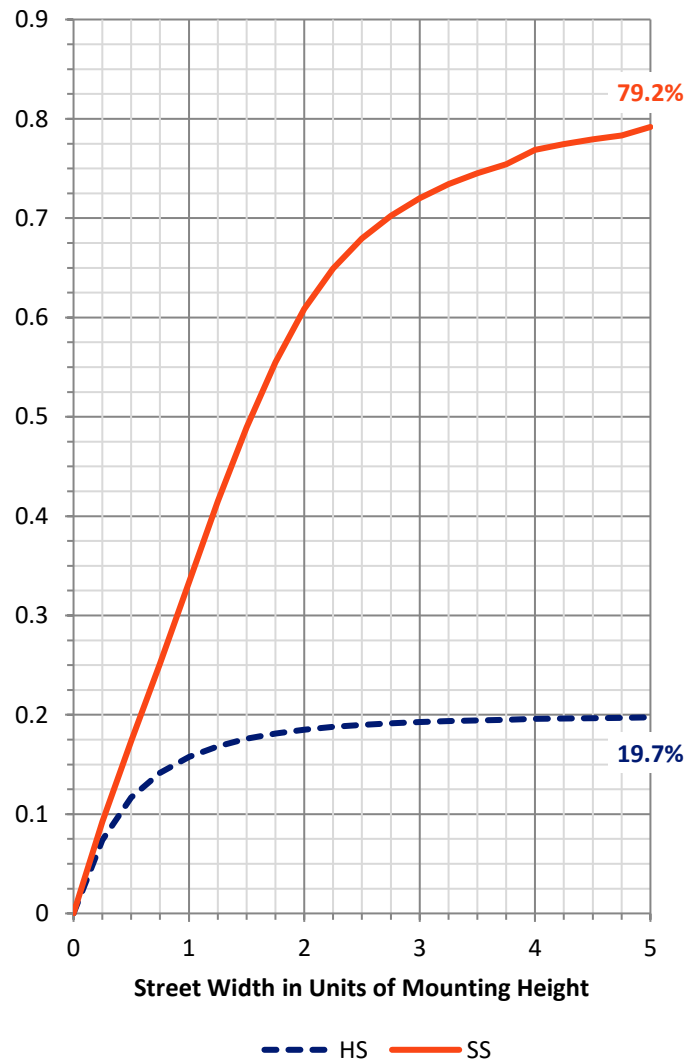
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 9546.3 | 0.0 | 9546.3 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 38480.7 | 0.0 | 38480.7 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 48027.0 | 0.0 | 48027.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 654.7 | 1.4 |
| 10°-20° | 1962.7 | 4.1 |
| 20°-30° | 2891.5 | 6.0 |
| 30°-40° | 3714.7 | 7.7 |
| 40°-50° | 6007.8 | 12.5 |
| 50°-60° | 10535.3 | 21.9 |
| 60°-70° | 13182.6 | 27.4 |
| 70°-80° | 7703.3 | 16.0 |
| 80°-90° | 1374.4 | 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° | 48027.0 | 100.0 |
| 0°-180° | 48027.0 | 100.0 |

Coefficient of Utilization



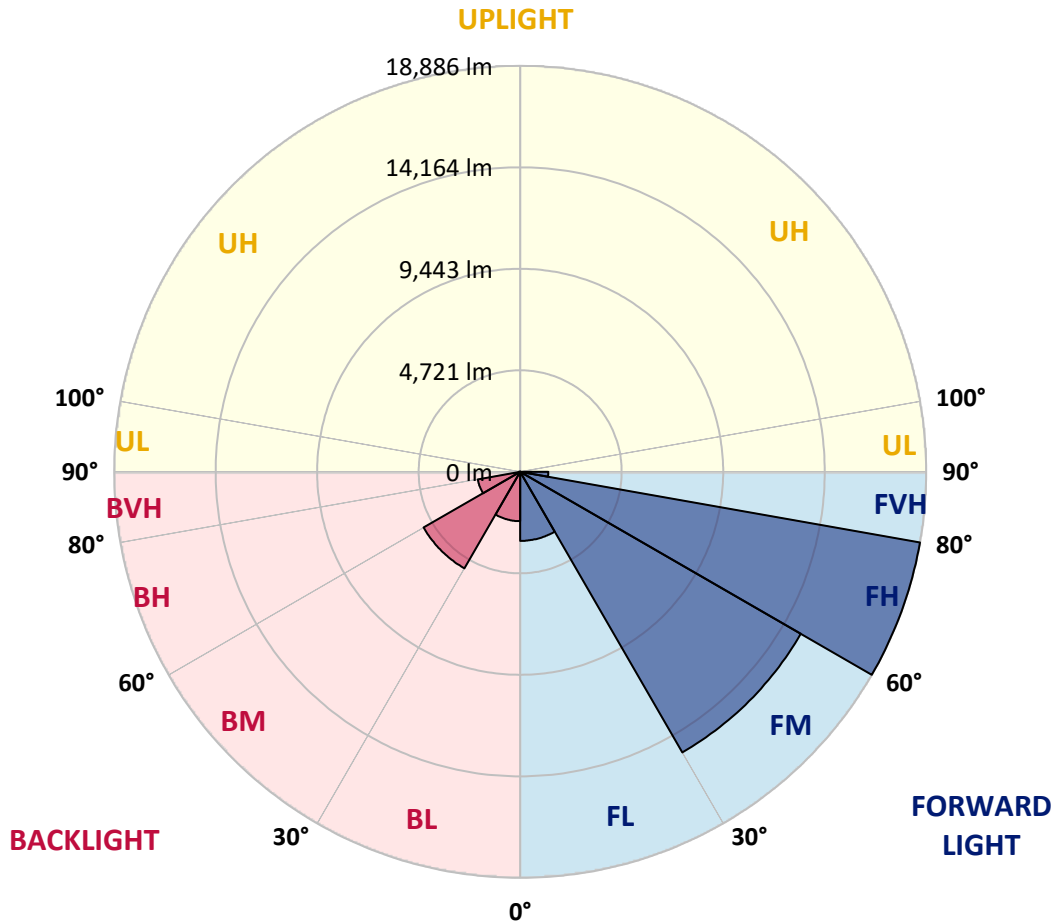
REPORT NUMBER: P954625
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3213.6 | 6.7 | | | |
| FM (30°-60°) | 15071.5 | 31.4 | | | |
| FH (60°-80°) | 18885.7 | 39.3 | | | G5 |
| FVH (80°-90°) | 1310.0 | 2.7 | | | G5 |
| BL (0°-30°) | 2295.3 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 5186.4 | 10.8 | B4/8500 | | |
| BH (60°-80°) | 2000.1 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 64.4 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 |
| 2.5° | 7450.9 | 7507.1 | 7632.8 | 7699.0 | 7801.6 | 7808.2 | 7808.2 | 7718.9 | 7715.6 | 7533.6 |
| 5° | 8327.6 | 8460.0 | 8757.8 | 9065.5 | 9131.6 | 9148.2 | 9115.1 | 8936.4 | 8804.1 | 8450.1 |
| 7.5° | 9197.8 | 9452.6 | 9905.8 | 10316.1 | 10448.4 | 10448.4 | 10369.0 | 10077.9 | 9806.6 | 9293.7 |
| 10° | 9919.1 | 10240.0 | 10855.4 | 11315.3 | 11467.5 | 11434.4 | 11272.3 | 10905.0 | 10531.1 | 9909.1 |
| 12.5° | 10395.5 | 10756.1 | 11431.1 | 11801.6 | 11957.1 | 11871.1 | 11685.8 | 11328.5 | 10934.8 | 10279.7 |
| 15° | 10633.7 | 11010.9 | 11596.5 | 11791.7 | 11748.7 | 11659.4 | 11636.2 | 11464.2 | 11166.4 | 10554.3 |
| 17.5° | 10736.3 | 11087.0 | 11493.9 | 11371.5 | 11007.6 | 10938.1 | 11169.7 | 11388.1 | 11315.3 | 10792.5 |
| 20° | 10832.2 | 11126.7 | 11249.1 | 10706.5 | 10071.3 | 10008.4 | 10451.7 | 11073.7 | 11391.4 | 11014.2 |
| 22.5° | 10964.6 | 11146.5 | 10895.1 | 10005.1 | 9320.2 | 9174.6 | 9664.3 | 10600.6 | 11414.5 | 11295.4 |
| 25° | 11146.5 | 11196.2 | 10504.7 | 9340.1 | 8651.9 | 8506.3 | 8962.9 | 10074.6 | 11374.8 | 11599.8 |
| 27.5° | 11364.9 | 11262.3 | 10130.8 | 8784.2 | 8119.2 | 7983.6 | 8440.1 | 9568.4 | 11262.3 | 11904.2 |
| 30° | 11649.4 | 11348.4 | 9760.2 | 8354.1 | 7738.7 | 7639.5 | 8079.5 | 9131.6 | 11123.4 | 12291.3 |
| 32.5° | 11937.3 | 11384.8 | 9416.2 | 8102.7 | 7652.7 | 7689.1 | 8049.7 | 8896.7 | 10971.2 | 12661.9 |
| 35° | 12248.3 | 11500.5 | 9247.4 | 8350.8 | 8370.7 | 8688.3 | 8837.2 | 9115.1 | 10948.0 | 13164.8 |
| 37.5° | 12671.8 | 11758.6 | 9449.2 | 9584.9 | 10273.1 | 10931.5 | 10809.1 | 10183.7 | 11216.0 | 13915.8 |
| 40° | 13280.6 | 12211.9 | 10329.3 | 11685.8 | 13098.6 | 14167.2 | 13700.7 | 12125.9 | 12036.5 | 14997.7 |
| 42.5° | 14167.2 | 12933.2 | 11891.0 | 14253.3 | 16648.7 | 18408.8 | 17158.2 | 14630.4 | 13472.5 | 16542.8 |
| 45° | 15477.4 | 14101.1 | 13780.1 | 16963.0 | 21025.9 | 23798.5 | 21197.9 | 17300.5 | 15484.1 | 18881.9 |
| 47.5° | 17293.8 | 15818.2 | 15550.2 | 19818.3 | 26346.1 | 29932.5 | 25677.7 | 19775.3 | 17773.6 | 22071.4 |
| 50° | 19705.8 | 18130.9 | 17227.7 | 22941.5 | 32179.0 | 36185.7 | 30154.2 | 22164.0 | 20397.3 | 25968.9 |
| 52.5° | 22888.6 | 21356.7 | 19183.0 | 25915.9 | 38177.5 | 42306.5 | 34650.5 | 24261.7 | 23652.9 | 30491.7 |
| 55° | 27229.4 | 26210.4 | 21856.3 | 28754.7 | 44172.6 | 48463.8 | 38971.5 | 26240.2 | 27954.0 | 35864.8 |
| 57.5° | 32615.8 | 33343.7 | 25710.8 | 32046.7 | 49562.2 | 54809.6 | 43312.3 | 29006.1 | 33538.9 | 41873.1 |
| 60° | 36089.8 | 42829.3 | 33092.2 | 36913.6 | 55686.3 | 61985.8 | 49261.1 | 34266.7 | 39408.2 | 44027.0 |
| 62.5° | 35249.4 | 45846.7 | 41932.7 | 43127.1 | 61317.5 | 67203.4 | 55090.8 | 39550.5 | 40513.3 | 40854.1 |
| 65° | 32672.0 | 43411.6 | 40129.5 | 44334.7 | 62743.5 | 67497.9 | 56649.1 | 38868.9 | 34366.0 | 33353.6 |
| 67.5° | 29125.2 | 40523.2 | 35844.9 | 41132.0 | 60166.1 | 63382.1 | 53747.5 | 34382.5 | 26557.8 | 25029.2 |
| 70° | 25297.2 | 37327.2 | 33032.6 | 37538.9 | 55252.9 | 56209.1 | 48814.5 | 30240.2 | 19533.7 | 16903.4 |
| 72.5° | 21664.4 | 33998.7 | 31107.1 | 33856.5 | 48698.7 | 46720.2 | 42392.6 | 26577.7 | 14223.5 | 12192.0 |
| 75° | 17948.9 | 29088.8 | 28364.3 | 29482.6 | 40079.9 | 36801.1 | 35222.9 | 22005.2 | 11163.1 | 8820.6 |
| 77.5° | 13849.6 | 22729.8 | 24397.3 | 23609.9 | 28212.1 | 27335.3 | 27302.2 | 16536.2 | 8155.6 | 5885.9 |
| 80° | 9479.0 | 15841.4 | 19060.6 | 16655.3 | 18309.6 | 17862.9 | 20562.7 | 11093.6 | 5915.7 | 3543.5 |
| 82.5° | 5571.6 | 9644.4 | 13267.3 | 8063.0 | 10124.2 | 10392.2 | 12245.0 | 5396.3 | 3480.6 | 817.2 |
| 85° | 2259.7 | 3808.2 | 5187.8 | 3156.4 | 4883.4 | 4119.2 | 4648.5 | 1515.3 | 969.4 | 19.9 |
| 87.5° | 569.1 | 1217.5 | 853.6 | 354.0 | 565.8 | 519.4 | 410.3 | 185.3 | 39.7 | 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° |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6650.2 | 0° | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 |
| 7513.7 | 2.5° | 7384.7 | 7308.6 | 7120.0 | 6931.4 | 6779.2 | 6574.1 | 6438.5 | 6276.3 | 6120.8 | 5981.9 |
| 8374.0 | 5° | 8165.5 | 7914.1 | 7570.0 | 7255.7 | 6934.7 | 6623.7 | 6316.0 | 5991.8 | 5694.0 | 5512.1 |
| 9101.8 | 7.5° | 8800.8 | 8357.4 | 7900.8 | 7500.5 | 7113.4 | 6749.5 | 6342.5 | 5948.8 | 5482.3 | 5234.1 |
| 9657.7 | 10° | 9273.9 | 8691.6 | 8092.7 | 7632.8 | 7242.4 | 6888.4 | 6544.3 | 6147.3 | 5584.8 | 5273.8 |
| 9995.2 | 12.5° | 9584.9 | 8893.4 | 8192.0 | 7665.9 | 7229.2 | 6954.6 | 6802.4 | 6646.9 | 6087.7 | 5723.8 |
| 10243.3 | 15° | 9800.0 | 9035.7 | 8261.5 | 7589.8 | 7053.8 | 6852.0 | 7004.2 | 7182.9 | 6825.6 | 6405.4 |
| 10501.4 | 17.5° | 10034.9 | 9221.0 | 8291.2 | 7384.7 | 6713.1 | 6627.0 | 7020.8 | 7434.3 | 7417.8 | 7000.9 |
| 10746.2 | 20° | 10283.0 | 9383.1 | 8271.4 | 7053.8 | 6299.5 | 6375.6 | 6878.5 | 7358.2 | 7560.1 | 7335.1 |
| 11027.4 | 22.5° | 10537.8 | 9538.6 | 8195.3 | 6623.7 | 5912.4 | 6150.6 | 6653.5 | 7073.7 | 7311.9 | 7242.4 |
| 11371.5 | 25° | 10858.7 | 9756.9 | 8082.8 | 6160.5 | 5591.5 | 5922.3 | 6392.1 | 6732.9 | 6898.3 | 6895.0 |
| 11742.1 | 27.5° | 11242.5 | 10048.1 | 8023.3 | 5786.7 | 5363.2 | 5664.3 | 6081.1 | 6385.5 | 6501.3 | 6501.3 |
| 12202.0 | 30° | 11689.1 | 10392.2 | 7957.1 | 5541.8 | 5230.8 | 5396.3 | 5720.5 | 6018.3 | 6134.1 | 6134.1 |
| 12704.9 | 32.5° | 12185.4 | 10723.0 | 7798.3 | 5393.0 | 5131.6 | 5134.9 | 5340.0 | 5611.3 | 5750.3 | 5770.1 |
| 13333.5 | 35° | 12781.0 | 11077.1 | 7450.9 | 5273.8 | 5015.8 | 4880.1 | 4979.4 | 5204.4 | 5369.8 | 5412.8 |
| 14230.1 | 37.5° | 13561.8 | 11510.5 | 6954.6 | 5098.5 | 4837.1 | 4612.1 | 4635.3 | 4807.3 | 4989.3 | 5055.5 |
| 15467.5 | 40° | 14610.6 | 12020.0 | 6438.5 | 4847.0 | 4585.7 | 4317.7 | 4307.7 | 4433.5 | 4612.1 | 4684.9 |
| 17141.6 | 42.5° | 15996.9 | 12632.1 | 5945.5 | 4605.5 | 4281.3 | 4006.7 | 3990.1 | 4089.4 | 4244.9 | 4321.0 |
| 19351.8 | 45° | 17770.3 | 13383.1 | 5522.0 | 4416.9 | 3983.5 | 3712.2 | 3705.6 | 3788.3 | 3924.0 | 4003.4 |
| 22180.6 | 47.5° | 20235.1 | 14134.2 | 5234.1 | 4317.7 | 3748.6 | 3470.7 | 3483.9 | 3556.7 | 3679.1 | 3735.4 |
| 25843.2 | 50° | 23447.8 | 14362.5 | 5088.6 | 4317.7 | 3622.9 | 3255.6 | 3321.8 | 3381.3 | 3474.0 | 3507.1 |
| 30233.6 | 52.5° | 26531.3 | 13608.1 | 4956.2 | 4344.1 | 3639.4 | 3073.7 | 3215.9 | 3258.9 | 3338.3 | 3351.6 |
| 34303.1 | 55° | 28043.3 | 11699.1 | 4774.3 | 4350.8 | 3742.0 | 2918.1 | 3129.9 | 3209.3 | 3239.1 | 3235.8 |
| 36665.4 | 57.5° | 27523.9 | 9459.2 | 4466.6 | 4324.3 | 3811.5 | 2818.9 | 3024.0 | 3176.2 | 3196.1 | 3166.3 |
| 36215.5 | 60° | 25700.9 | 6964.5 | 4231.6 | 4129.1 | 3785.0 | 2789.1 | 2861.9 | 3103.4 | 3133.2 | 3093.5 |
| 32748.1 | 62.5° | 22643.8 | 4833.8 | 4049.7 | 3699.0 | 3669.2 | 2779.2 | 2607.1 | 2944.6 | 3017.4 | 2961.2 |
| 26322.9 | 65° | 17826.5 | 3414.4 | 3487.2 | 3242.4 | 3417.7 | 2726.3 | 2342.5 | 2752.7 | 2852.0 | 2766.0 |
| 19097.0 | 67.5° | 12063.0 | 2464.9 | 2825.5 | 2938.0 | 3010.8 | 2607.1 | 2150.6 | 2534.4 | 2666.7 | 2554.2 |
| 12254.9 | 70° | 6514.6 | 1730.4 | 1866.0 | 2474.8 | 2557.5 | 2402.0 | 1978.5 | 2312.7 | 2464.9 | 2342.5 |
| 8711.4 | 72.5° | 3847.9 | 1244.0 | 1306.9 | 1988.4 | 2130.7 | 2114.2 | 1786.6 | 2054.6 | 2239.9 | 2094.3 |
| 6011.7 | 75° | 2120.8 | 840.4 | 933.0 | 1442.5 | 1730.4 | 1631.1 | 1535.2 | 1740.3 | 1928.9 | 1786.6 |
| 3768.4 | 77.5° | 949.6 | 502.9 | 648.5 | 946.2 | 1359.8 | 1118.3 | 1187.8 | 1356.5 | 1531.9 | 1383.0 |
| 2097.6 | 80° | 367.3 | 281.2 | 430.1 | 516.1 | 989.3 | 618.7 | 764.3 | 999.2 | 1124.9 | 1005.8 |
| 456.6 | 82.5° | 46.3 | 125.7 | 185.3 | 201.8 | 575.7 | 327.5 | 443.3 | 628.6 | 618.7 | 536.0 |
| 0.0 | 85° | 0.0 | 23.2 | 26.5 | 13.2 | 248.1 | 119.1 | 145.6 | 205.1 | 191.9 | 145.6 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6650.2 | 0° | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 | 6650.2 |
| 5955.4 | 2.5° | 5793.3 | 5674.2 | 5614.6 | 5565.0 | 5611.3 | 5637.8 | 5637.8 | 5750.3 | 5816.4 | 5842.9 |
| 5396.3 | 5° | 5105.1 | 4883.4 | 4734.5 | 4645.2 | 4675.0 | 4708.1 | 4744.5 | 4886.7 | 4982.7 | 5045.6 |
| 5009.2 | 7.5° | 4562.5 | 4225.0 | 4016.6 | 3907.4 | 3924.0 | 3947.1 | 3976.9 | 4115.8 | 4211.8 | 4294.5 |
| 4936.4 | 10° | 4294.5 | 3818.1 | 3543.5 | 3411.1 | 3388.0 | 3374.7 | 3364.8 | 3447.5 | 3520.3 | 3586.5 |
| 5234.1 | 12.5° | 4307.7 | 3642.7 | 3308.6 | 3146.4 | 3077.0 | 2997.6 | 2934.7 | 2947.9 | 2994.2 | 3077.0 |
| 5766.8 | 15° | 4476.5 | 3586.5 | 3186.1 | 2984.3 | 2868.5 | 2775.9 | 2699.8 | 2683.2 | 2699.8 | 2713.0 |
| 6375.6 | 17.5° | 4704.8 | 3579.9 | 3080.3 | 2828.8 | 2709.7 | 2633.6 | 2564.1 | 2541.0 | 2544.3 | 2560.8 |
| 6779.2 | 20° | 4886.7 | 3560.0 | 2961.2 | 2679.9 | 2574.1 | 2507.9 | 2438.4 | 2415.2 | 2421.9 | 2425.2 |
| 6818.9 | 22.5° | 4982.7 | 3530.2 | 2828.8 | 2531.0 | 2441.7 | 2375.5 | 2312.7 | 2309.4 | 2309.4 | 2329.2 |
| 6603.9 | 25° | 4982.7 | 3467.4 | 2709.7 | 2388.8 | 2309.4 | 2249.8 | 2173.7 | 2187.0 | 2193.6 | 2220.0 |
| 6269.7 | 27.5° | 4863.6 | 3348.3 | 2613.8 | 2266.4 | 2183.6 | 2124.1 | 2054.6 | 2071.2 | 2081.1 | 2110.9 |
| 5938.9 | 30° | 4711.4 | 3206.0 | 2504.6 | 2150.6 | 2054.6 | 2011.6 | 1952.0 | 1958.7 | 1971.9 | 2005.0 |
| 5631.2 | 32.5° | 4549.3 | 3037.3 | 2415.2 | 2034.8 | 1938.8 | 1905.7 | 1839.6 | 1849.5 | 1862.7 | 1899.1 |
| 5326.8 | 35° | 4370.6 | 2838.7 | 2309.4 | 1928.9 | 1832.9 | 1806.5 | 1730.4 | 1737.0 | 1756.8 | 1796.5 |
| 4999.2 | 37.5° | 4182.0 | 2676.6 | 2203.5 | 1826.3 | 1727.1 | 1700.6 | 1621.2 | 1627.8 | 1651.0 | 1697.3 |
| 4655.1 | 40° | 3996.7 | 2517.8 | 2091.0 | 1717.1 | 1617.9 | 1594.7 | 1508.7 | 1515.3 | 1541.8 | 1591.4 |
| 4307.7 | 42.5° | 3794.9 | 2395.4 | 1945.4 | 1604.7 | 1498.8 | 1475.6 | 1396.2 | 1406.1 | 1435.9 | 1485.5 |
| 3986.8 | 45° | 3553.4 | 2316.0 | 1783.3 | 1498.8 | 1379.7 | 1356.5 | 1283.7 | 1303.6 | 1336.7 | 1386.3 |
| 3712.2 | 47.5° | 3305.3 | 2282.9 | 1647.7 | 1386.3 | 1257.3 | 1237.4 | 1177.8 | 1210.9 | 1247.3 | 1287.0 |
| 3477.3 | 50° | 3067.0 | 2239.9 | 1508.7 | 1280.4 | 1151.4 | 1131.5 | 1091.8 | 1134.8 | 1171.2 | 1207.6 |
| 3308.6 | 52.5° | 2795.7 | 2147.3 | 1383.0 | 1187.8 | 1062.0 | 1055.4 | 1035.6 | 1075.3 | 1108.4 | 1141.5 |
| 3163.0 | 55° | 2514.5 | 1998.4 | 1273.8 | 1105.1 | 986.0 | 992.6 | 982.6 | 1015.7 | 1042.2 | 1072.0 |
| 3030.6 | 57.5° | 2269.7 | 1809.8 | 1187.8 | 1015.7 | 919.8 | 939.6 | 926.4 | 942.9 | 959.5 | 995.9 |
| 2871.8 | 60° | 2021.5 | 1584.8 | 1091.8 | 909.9 | 853.6 | 876.8 | 840.4 | 837.1 | 843.7 | 853.6 |
| 2636.9 | 62.5° | 1687.4 | 1349.9 | 972.7 | 817.2 | 780.8 | 790.7 | 721.3 | 668.3 | 668.3 | 678.3 |
| 2309.4 | 65° | 1356.5 | 1131.5 | 840.4 | 711.3 | 681.6 | 674.9 | 575.7 | 502.9 | 496.3 | 526.1 |
| 1928.9 | 67.5° | 1115.0 | 939.6 | 708.0 | 592.2 | 572.4 | 579.0 | 506.2 | 433.4 | 426.8 | 459.9 |
| 1571.6 | 70° | 923.1 | 757.7 | 565.8 | 456.6 | 476.4 | 506.2 | 433.4 | 363.9 | 354.0 | 383.8 |
| 1277.1 | 72.5° | 734.5 | 592.2 | 433.4 | 337.5 | 393.7 | 430.1 | 354.0 | 287.8 | 281.2 | 307.7 |
| 986.0 | 75° | 539.3 | 423.5 | 294.5 | 244.8 | 304.4 | 337.5 | 258.1 | 205.1 | 195.2 | 218.4 |
| 658.4 | 77.5° | 334.2 | 238.2 | 185.3 | 145.6 | 208.4 | 225.0 | 135.7 | 119.1 | 115.8 | 132.3 |
| 400.3 | 80° | 155.5 | 102.6 | 89.3 | 49.6 | 76.1 | 89.3 | 56.2 | 62.9 | 66.2 | 79.4 |
| 201.8 | 82.5° | 43.0 | 16.5 | 3.3 | 0.0 | 0.0 | 26.5 | 13.2 | 26.5 | 33.1 | 49.6 |
| 16.5 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 16.5 | 29.8 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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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