

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: P952399

Luminaire Tested: **GALN-SB6B-735-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952399
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-SB6B-735-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 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: 26061 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

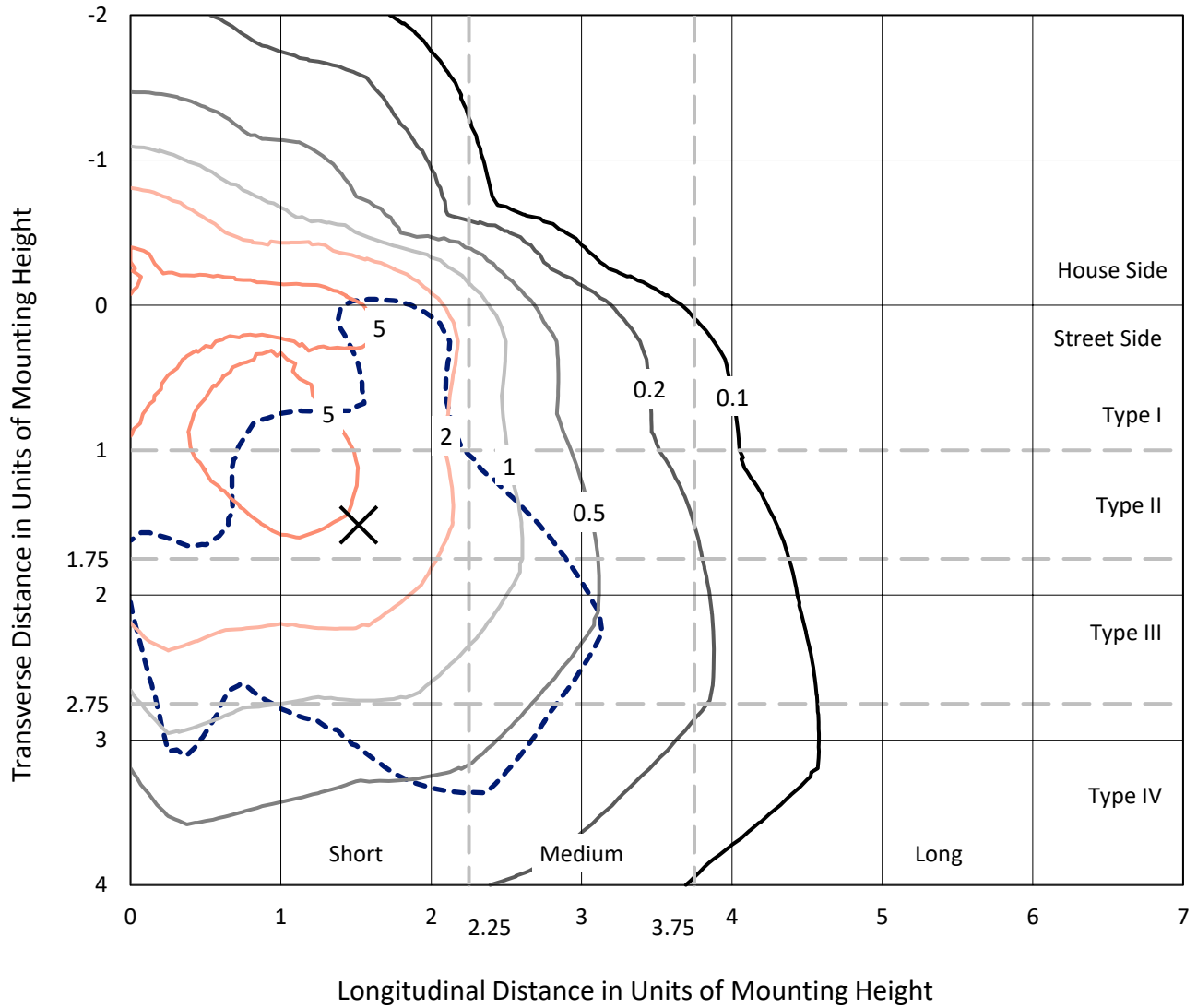
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P952399
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Iso-Footcandle Lines of Horizontal Illumination

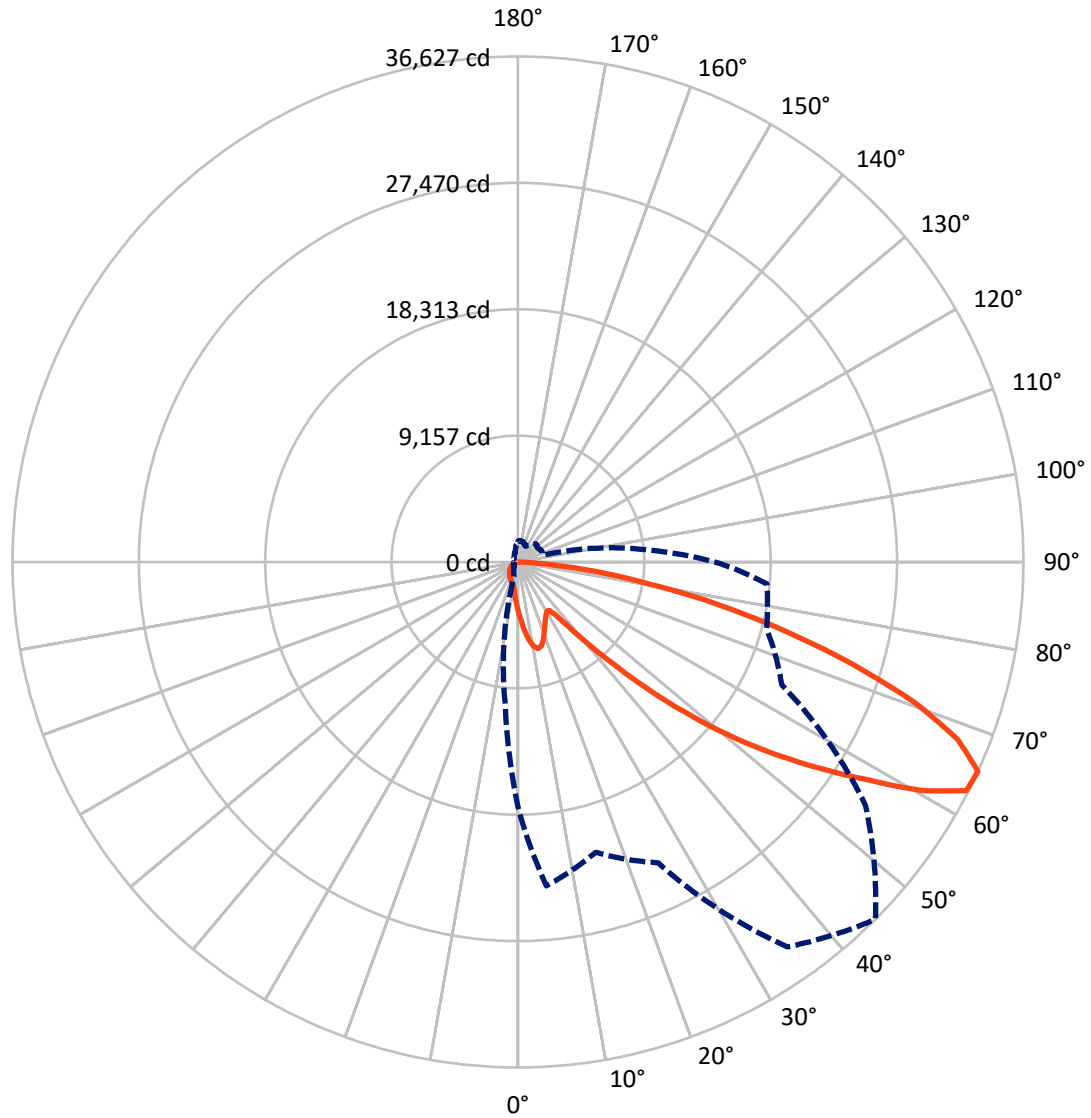
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 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 | 5180.1 | 0.0 | 5180.1 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 20880.9 | 0.0 | 20880.9 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 26061.0 | 0.0 | 26061.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 355.3 | 1.4 |
| 10°-20° | 1065.0 | 4.1 |
| 20°-30° | 1569.0 | 6.0 |
| 30°-40° | 2015.7 | 7.7 |
| 40°-50° | 3260.1 | 12.5 |
| 50°-60° | 5716.8 | 21.9 |
| 60°-70° | 7153.3 | 27.4 |
| 70°-80° | 4180.0 | 16.0 |
| 80°-90° | 745.8 | 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° | 26061.0 | 100.0 |
| 0°-180° | 26061.0 | 100.0 |

Coefficient of Utilization



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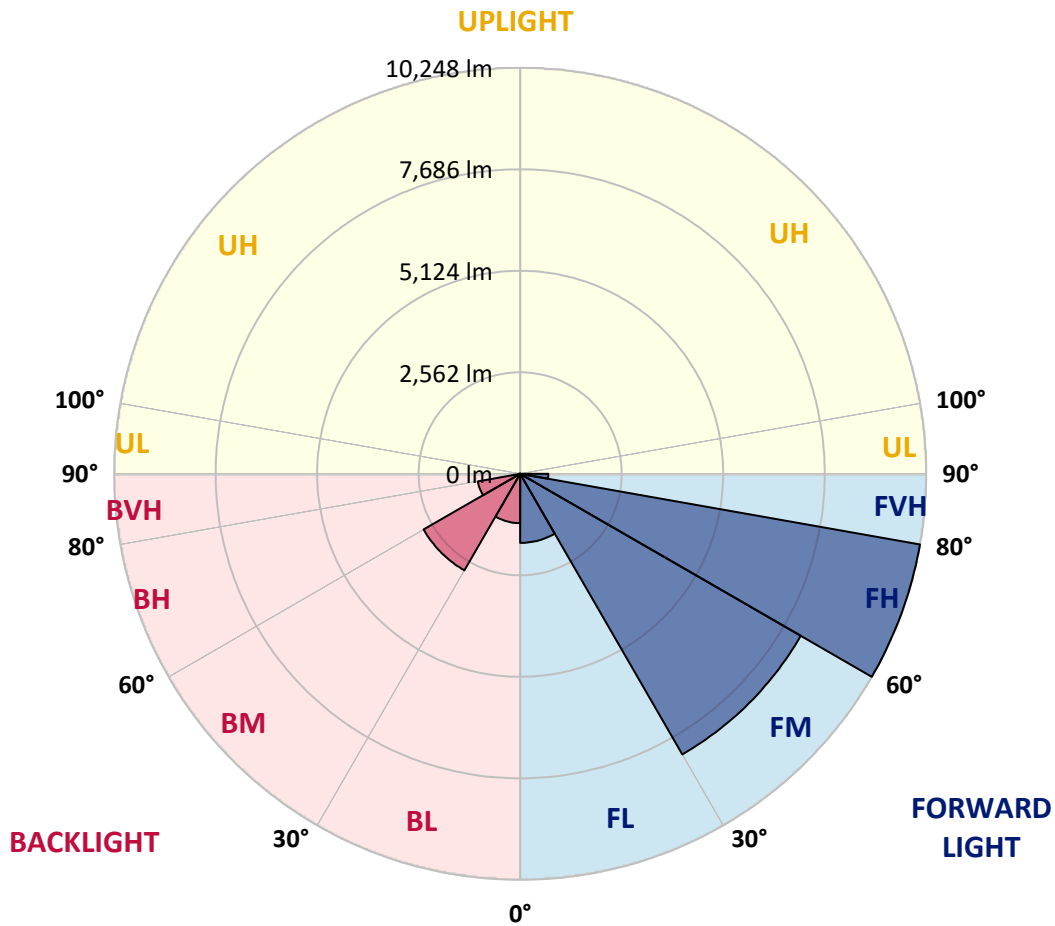
CATALOG NUMBER: GALN-SB6B-735-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1743.8 | 6.7 | | | |
| FM (30°-60°) | 8178.3 | 31.4 | | | |
| FH (60°-80°) | 10248.0 | 39.3 | | | G4/12000 |
| FVH (80°-90°) | 710.8 | 2.7 | | | G4/750 |
| BL (0°-30°) | 1245.5 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 2814.3 | 10.8 | B3/5000 | | |
| BH (60°-80°) | 1085.3 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 34.9 | 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-G4

Type IV Short



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CATALOG NUMBER: GALN-SB6B-735-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 |
| 2.5° | 4043.1 | 4073.6 | 4141.8 | 4177.7 | 4233.4 | 4237.0 | 4237.0 | 4188.5 | 4186.7 | 4088.0 |
| 5° | 4518.8 | 4590.7 | 4752.2 | 4919.2 | 4955.1 | 4964.1 | 4946.1 | 4849.2 | 4777.4 | 4585.3 |
| 7.5° | 4991.0 | 5129.3 | 5375.2 | 5597.8 | 5669.7 | 5669.7 | 5626.6 | 5468.6 | 5321.4 | 5043.1 |
| 10° | 5382.4 | 5556.5 | 5890.5 | 6140.0 | 6222.6 | 6204.7 | 6116.7 | 5917.4 | 5714.5 | 5377.0 |
| 12.5° | 5640.9 | 5836.6 | 6202.9 | 6403.9 | 6488.3 | 6441.6 | 6341.1 | 6147.2 | 5933.6 | 5578.1 |
| 15° | 5770.2 | 5974.9 | 6292.6 | 6398.6 | 6375.2 | 6326.7 | 6314.2 | 6220.8 | 6059.2 | 5727.1 |
| 17.5° | 5825.8 | 6016.2 | 6237.0 | 6170.6 | 5973.1 | 5935.4 | 6061.0 | 6179.5 | 6140.0 | 5856.4 |
| 20° | 5877.9 | 6037.7 | 6104.1 | 5809.7 | 5465.0 | 5430.9 | 5671.4 | 6009.0 | 6181.3 | 5976.7 |
| 22.5° | 5949.7 | 6048.5 | 5912.0 | 5429.1 | 5057.4 | 4978.5 | 5244.2 | 5752.2 | 6193.9 | 6129.3 |
| 25° | 6048.5 | 6075.4 | 5700.2 | 5068.2 | 4694.8 | 4615.8 | 4863.6 | 5466.8 | 6172.3 | 6294.4 |
| 27.5° | 6167.0 | 6111.3 | 5497.3 | 4766.6 | 4405.7 | 4332.1 | 4579.9 | 5192.1 | 6111.3 | 6459.6 |
| 30° | 6321.4 | 6158.0 | 5296.2 | 4533.2 | 4199.3 | 4145.4 | 4384.2 | 4955.1 | 6035.9 | 6669.7 |
| 32.5° | 6477.6 | 6177.7 | 5109.5 | 4396.8 | 4152.6 | 4172.3 | 4368.0 | 4827.6 | 5953.3 | 6870.7 |
| 35° | 6646.3 | 6240.6 | 5017.9 | 4531.4 | 4542.2 | 4714.5 | 4795.3 | 4946.1 | 5940.7 | 7143.6 |
| 37.5° | 6876.1 | 6380.6 | 5127.5 | 5201.1 | 5574.5 | 5931.8 | 5865.3 | 5526.0 | 6086.2 | 7551.2 |
| 40° | 7206.5 | 6626.6 | 5605.0 | 6341.1 | 7107.7 | 7687.6 | 7434.5 | 6579.9 | 6531.4 | 8138.2 |
| 42.5° | 7687.6 | 7017.9 | 6452.4 | 7734.3 | 9034.1 | 9989.2 | 9310.6 | 7939.0 | 7310.6 | 8976.7 |
| 45° | 8398.6 | 7651.7 | 7477.6 | 9204.7 | 11409.3 | 12913.8 | 11502.7 | 9387.8 | 8402.1 | 10246.0 |
| 47.5° | 9384.2 | 8583.5 | 8438.1 | 10754.0 | 14296.2 | 16242.4 | 13933.6 | 10730.7 | 9644.5 | 11976.7 |
| 50° | 10693.0 | 9838.4 | 9348.3 | 12448.8 | 17461.4 | 19635.5 | 16362.6 | 12026.9 | 11068.2 | 14091.6 |
| 52.5° | 12420.1 | 11588.9 | 10409.3 | 14062.8 | 20716.3 | 22956.9 | 18802.5 | 13165.2 | 12834.8 | 16545.8 |
| 55° | 14775.6 | 14222.6 | 11860.0 | 15603.2 | 23969.5 | 26298.0 | 21147.2 | 14238.8 | 15168.7 | 19461.4 |
| 57.5° | 17698.4 | 18093.3 | 13951.5 | 17389.6 | 26894.1 | 29741.4 | 23502.7 | 15739.7 | 18199.3 | 22721.7 |
| 60° | 19583.5 | 23240.6 | 17956.9 | 20030.5 | 30217.2 | 33635.5 | 26730.7 | 18594.2 | 21384.2 | 23890.5 |
| 62.5° | 19127.5 | 24877.9 | 22754.0 | 23402.1 | 33272.9 | 36466.8 | 29894.1 | 21461.4 | 21983.8 | 22168.7 |
| 65° | 17728.9 | 23556.5 | 21775.6 | 24057.4 | 34046.7 | 36626.5 | 30739.7 | 21091.5 | 18648.1 | 18098.7 |
| 67.5° | 15804.3 | 21989.2 | 19450.6 | 22319.6 | 32648.1 | 34393.1 | 29165.1 | 18657.1 | 14411.1 | 13581.7 |
| 70° | 13727.1 | 20254.9 | 17924.6 | 20369.8 | 29982.0 | 30500.9 | 26488.3 | 16409.3 | 10599.6 | 9172.3 |
| 72.5° | 11755.8 | 18448.8 | 16879.7 | 18371.6 | 26425.5 | 25351.9 | 23003.6 | 14421.9 | 7718.1 | 6615.8 |
| 75° | 9739.7 | 15784.5 | 15391.4 | 15998.2 | 21748.6 | 19969.5 | 19113.1 | 11940.7 | 6057.4 | 4786.4 |
| 77.5° | 7515.3 | 12333.9 | 13238.8 | 12811.5 | 15308.8 | 14833.0 | 14815.1 | 8973.1 | 4425.5 | 3193.9 |
| 80° | 5143.6 | 8596.0 | 10342.9 | 9037.7 | 9935.4 | 9693.0 | 11158.0 | 6019.7 | 3210.1 | 1922.8 |
| 82.5° | 3023.3 | 5233.4 | 7199.3 | 4375.2 | 5493.7 | 5639.1 | 6644.5 | 2928.2 | 1888.7 | 443.4 |
| 85° | 1226.2 | 2066.4 | 2815.1 | 1712.7 | 2649.9 | 2235.2 | 2522.4 | 822.3 | 526.0 | 10.8 |
| 87.5° | 308.8 | 660.7 | 463.2 | 192.1 | 307.0 | 281.9 | 222.6 | 100.5 | 21.5 | 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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CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3608.6 | 0° | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 |
| 4077.2 | 2.5° | 4007.2 | 3965.9 | 3863.6 | 3761.2 | 3678.6 | 3567.3 | 3493.7 | 3405.7 | 3321.4 | 3246.0 |
| 4544.0 | 5° | 4430.9 | 4294.4 | 4107.7 | 3937.2 | 3763.0 | 3594.3 | 3427.3 | 3251.3 | 3089.8 | 2991.0 |
| 4939.0 | 7.5° | 4775.6 | 4535.0 | 4287.2 | 4070.0 | 3860.0 | 3662.5 | 3441.6 | 3228.0 | 2974.9 | 2840.2 |
| 5240.6 | 10° | 5032.3 | 4716.3 | 4391.4 | 4141.8 | 3930.0 | 3737.9 | 3551.2 | 3335.7 | 3030.5 | 2861.8 |
| 5423.7 | 12.5° | 5201.1 | 4825.8 | 4445.2 | 4159.8 | 3922.8 | 3773.8 | 3691.2 | 3606.8 | 3303.4 | 3105.9 |
| 5558.3 | 15° | 5317.8 | 4903.0 | 4482.9 | 4118.5 | 3827.6 | 3718.1 | 3800.7 | 3897.7 | 3703.8 | 3475.8 |
| 5698.4 | 17.5° | 5445.2 | 5003.6 | 4499.1 | 4007.2 | 3642.7 | 3596.0 | 3809.7 | 4034.1 | 4025.1 | 3798.9 |
| 5831.2 | 20° | 5579.9 | 5091.6 | 4488.3 | 3827.6 | 3418.3 | 3459.6 | 3732.5 | 3992.8 | 4102.3 | 3980.2 |
| 5983.8 | 22.5° | 5718.1 | 5175.9 | 4447.0 | 3594.3 | 3208.3 | 3337.5 | 3610.4 | 3838.4 | 3967.7 | 3930.0 |
| 6170.6 | 25° | 5892.3 | 5294.4 | 4386.0 | 3342.9 | 3034.1 | 3213.6 | 3468.6 | 3653.5 | 3743.3 | 3741.5 |
| 6371.6 | 27.5° | 6100.5 | 5452.4 | 4353.7 | 3140.0 | 2910.2 | 3073.6 | 3299.8 | 3465.0 | 3527.8 | 3527.8 |
| 6621.2 | 30° | 6342.9 | 5639.1 | 4317.8 | 3007.2 | 2838.4 | 2928.2 | 3104.1 | 3265.7 | 3328.5 | 3328.5 |
| 6894.1 | 32.5° | 6612.2 | 5818.7 | 4231.6 | 2926.4 | 2784.6 | 2786.4 | 2897.7 | 3044.9 | 3120.3 | 3131.1 |
| 7235.2 | 35° | 6935.4 | 6010.8 | 4043.1 | 2861.8 | 2721.7 | 2648.1 | 2702.0 | 2824.1 | 2913.8 | 2937.2 |
| 7721.7 | 37.5° | 7359.1 | 6246.0 | 3773.8 | 2766.6 | 2624.8 | 2502.7 | 2515.3 | 2608.6 | 2707.4 | 2743.3 |
| 8393.2 | 40° | 7928.2 | 6522.4 | 3493.7 | 2630.2 | 2488.3 | 2342.9 | 2337.5 | 2405.7 | 2502.7 | 2542.2 |
| 9301.6 | 42.5° | 8680.4 | 6854.6 | 3226.2 | 2499.1 | 2323.2 | 2174.1 | 2165.2 | 2219.0 | 2303.4 | 2344.7 |
| 10500.9 | 45° | 9642.7 | 7262.1 | 2996.4 | 2396.8 | 2161.6 | 2014.4 | 2010.8 | 2055.7 | 2129.3 | 2172.4 |
| 12035.9 | 47.5° | 10980.2 | 7669.7 | 2840.2 | 2342.9 | 2034.1 | 1883.3 | 1890.5 | 1930.0 | 1996.4 | 2026.9 |
| 14023.3 | 50° | 12723.5 | 7793.5 | 2761.2 | 2342.9 | 1965.9 | 1766.6 | 1802.5 | 1834.8 | 1885.1 | 1903.1 |
| 16405.7 | 52.5° | 14396.8 | 7384.2 | 2689.4 | 2357.3 | 1974.9 | 1667.9 | 1745.1 | 1768.4 | 1811.5 | 1818.7 |
| 18614.0 | 55° | 15217.2 | 6348.3 | 2590.7 | 2360.9 | 2030.5 | 1583.5 | 1698.4 | 1741.5 | 1757.6 | 1755.8 |
| 19895.9 | 57.5° | 14935.4 | 5132.9 | 2423.7 | 2346.5 | 2068.2 | 1529.6 | 1640.9 | 1723.5 | 1734.3 | 1718.1 |
| 19651.7 | 60° | 13946.1 | 3779.2 | 2296.2 | 2240.6 | 2053.9 | 1513.5 | 1553.0 | 1684.0 | 1700.2 | 1678.6 |
| 17770.2 | 62.5° | 12287.2 | 2623.0 | 2197.5 | 2007.2 | 1991.0 | 1508.1 | 1414.7 | 1597.8 | 1637.3 | 1606.8 |
| 14283.7 | 65° | 9673.2 | 1852.8 | 1892.3 | 1759.4 | 1854.6 | 1479.4 | 1271.1 | 1493.7 | 1547.6 | 1500.9 |
| 10362.6 | 67.5° | 6545.8 | 1337.5 | 1533.2 | 1594.3 | 1633.8 | 1414.7 | 1167.0 | 1375.2 | 1447.0 | 1386.0 |
| 6649.9 | 70° | 3535.0 | 939.0 | 1012.6 | 1342.9 | 1387.8 | 1303.4 | 1073.6 | 1254.9 | 1337.5 | 1271.1 |
| 4727.1 | 72.5° | 2088.0 | 675.0 | 709.2 | 1079.0 | 1156.2 | 1147.2 | 969.5 | 1114.9 | 1215.4 | 1136.4 |
| 3262.1 | 75° | 1150.8 | 456.0 | 506.3 | 782.8 | 939.0 | 885.1 | 833.0 | 944.3 | 1046.7 | 969.5 |
| 2044.9 | 77.5° | 515.3 | 272.9 | 351.9 | 513.5 | 737.9 | 606.8 | 644.5 | 736.1 | 831.2 | 750.4 |
| 1138.2 | 80° | 199.3 | 152.6 | 233.4 | 280.1 | 536.8 | 335.7 | 414.7 | 542.2 | 610.4 | 545.8 |
| 247.8 | 82.5° | 25.1 | 68.2 | 100.5 | 109.5 | 312.4 | 177.7 | 240.6 | 341.1 | 335.7 | 290.8 |
| 0.0 | 85° | 0.0 | 12.6 | 14.4 | 7.2 | 134.6 | 64.6 | 79.0 | 111.3 | 104.1 | 79.0 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3608.6 | 0° | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 | 3608.6 |
| 3231.6 | 2.5° | 3143.6 | 3079.0 | 3046.7 | 3019.7 | 3044.9 | 3059.2 | 3059.2 | 3120.3 | 3156.2 | 3170.6 |
| 2928.2 | 5° | 2770.2 | 2649.9 | 2569.1 | 2520.6 | 2536.8 | 2554.8 | 2574.5 | 2651.7 | 2703.8 | 2737.9 |
| 2718.1 | 7.5° | 2475.8 | 2292.6 | 2179.5 | 2120.3 | 2129.3 | 2141.8 | 2158.0 | 2233.4 | 2285.5 | 2330.3 |
| 2678.6 | 10° | 2330.3 | 2071.8 | 1922.8 | 1851.0 | 1838.4 | 1831.2 | 1825.9 | 1870.7 | 1910.2 | 1946.1 |
| 2840.2 | 12.5° | 2337.5 | 1976.7 | 1795.3 | 1707.4 | 1669.7 | 1626.6 | 1592.5 | 1599.6 | 1624.8 | 1669.7 |
| 3129.3 | 15° | 2429.1 | 1946.1 | 1728.9 | 1619.4 | 1556.6 | 1506.3 | 1465.0 | 1456.0 | 1465.0 | 1472.2 |
| 3459.6 | 17.5° | 2553.0 | 1942.5 | 1671.5 | 1535.0 | 1470.4 | 1429.1 | 1391.4 | 1378.8 | 1380.6 | 1389.6 |
| 3678.6 | 20° | 2651.7 | 1931.8 | 1606.8 | 1454.2 | 1396.8 | 1360.9 | 1323.2 | 1310.6 | 1314.2 | 1316.0 |
| 3700.2 | 22.5° | 2703.8 | 1915.6 | 1535.0 | 1373.4 | 1325.0 | 1289.0 | 1254.9 | 1253.1 | 1253.1 | 1263.9 |
| 3583.5 | 25° | 2703.8 | 1881.5 | 1470.4 | 1296.2 | 1253.1 | 1220.8 | 1179.5 | 1186.7 | 1190.3 | 1204.7 |
| 3402.2 | 27.5° | 2639.1 | 1816.9 | 1418.3 | 1229.8 | 1184.9 | 1152.6 | 1114.9 | 1123.9 | 1129.3 | 1145.4 |
| 3222.6 | 30° | 2556.6 | 1739.7 | 1359.1 | 1167.0 | 1114.9 | 1091.6 | 1059.2 | 1062.8 | 1070.0 | 1088.0 |
| 3055.7 | 32.5° | 2468.6 | 1648.1 | 1310.6 | 1104.1 | 1052.1 | 1034.1 | 998.2 | 1003.6 | 1010.8 | 1030.5 |
| 2890.5 | 35° | 2371.6 | 1540.4 | 1253.1 | 1046.7 | 994.6 | 980.3 | 939.0 | 942.5 | 953.3 | 974.9 |
| 2712.7 | 37.5° | 2269.3 | 1452.4 | 1195.7 | 991.0 | 937.2 | 922.8 | 879.7 | 883.3 | 895.9 | 921.0 |
| 2526.0 | 40° | 2168.8 | 1366.2 | 1134.6 | 931.8 | 877.9 | 865.3 | 818.7 | 822.3 | 836.6 | 863.6 |
| 2337.5 | 42.5° | 2059.2 | 1299.8 | 1055.7 | 870.7 | 813.3 | 800.7 | 757.6 | 763.0 | 779.2 | 806.1 |
| 2163.4 | 45° | 1928.2 | 1256.7 | 967.7 | 813.3 | 748.7 | 736.1 | 696.6 | 707.4 | 725.3 | 752.2 |
| 2014.4 | 47.5° | 1793.5 | 1238.8 | 894.1 | 752.2 | 682.2 | 671.5 | 639.1 | 657.1 | 676.8 | 698.4 |
| 1886.9 | 50° | 1664.3 | 1215.4 | 818.7 | 694.8 | 624.8 | 614.0 | 592.5 | 615.8 | 635.5 | 655.3 |
| 1795.3 | 52.5° | 1517.1 | 1165.2 | 750.4 | 644.5 | 576.3 | 572.7 | 561.9 | 583.5 | 601.4 | 619.4 |
| 1716.3 | 55° | 1364.5 | 1084.4 | 691.2 | 599.6 | 535.0 | 538.6 | 533.2 | 551.2 | 565.5 | 581.7 |
| 1644.5 | 57.5° | 1231.6 | 982.0 | 644.5 | 551.2 | 499.1 | 509.9 | 502.7 | 511.7 | 520.6 | 540.4 |
| 1558.3 | 60° | 1096.9 | 860.0 | 592.5 | 493.7 | 463.2 | 475.8 | 456.0 | 454.2 | 457.8 | 463.2 |
| 1430.9 | 62.5° | 915.6 | 732.5 | 527.8 | 443.4 | 423.7 | 429.1 | 391.4 | 362.7 | 362.7 | 368.0 |
| 1253.1 | 65° | 736.1 | 614.0 | 456.0 | 386.0 | 369.8 | 366.2 | 312.4 | 272.9 | 269.3 | 285.5 |
| 1046.7 | 67.5° | 605.0 | 509.9 | 384.2 | 321.4 | 310.6 | 314.2 | 274.7 | 235.2 | 231.6 | 249.6 |
| 852.8 | 70° | 500.9 | 411.1 | 307.0 | 247.8 | 258.5 | 274.7 | 235.2 | 197.5 | 192.1 | 208.3 |
| 693.0 | 72.5° | 398.6 | 321.4 | 235.2 | 183.1 | 213.6 | 233.4 | 192.1 | 156.2 | 152.6 | 167.0 |
| 535.0 | 75° | 292.6 | 229.8 | 159.8 | 132.9 | 165.2 | 183.1 | 140.0 | 111.3 | 105.9 | 118.5 |
| 357.3 | 77.5° | 181.3 | 129.3 | 100.5 | 79.0 | 113.1 | 122.1 | 73.6 | 64.6 | 62.8 | 71.8 |
| 217.2 | 80° | 84.4 | 55.7 | 48.5 | 26.9 | 41.3 | 48.5 | 30.5 | 34.1 | 35.9 | 43.1 |
| 109.5 | 82.5° | 23.3 | 9.0 | 1.8 | 0.0 | 0.0 | 14.4 | 7.2 | 14.4 | 18.0 | 26.9 |
| 9.0 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 9.0 | 16.2 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.2 |
| 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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