

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: P459107

Luminaire Tested: **GALN-SA6A-735-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459107
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-735-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18142 lumens
Efficiency: N/A
Efficacy: 99.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

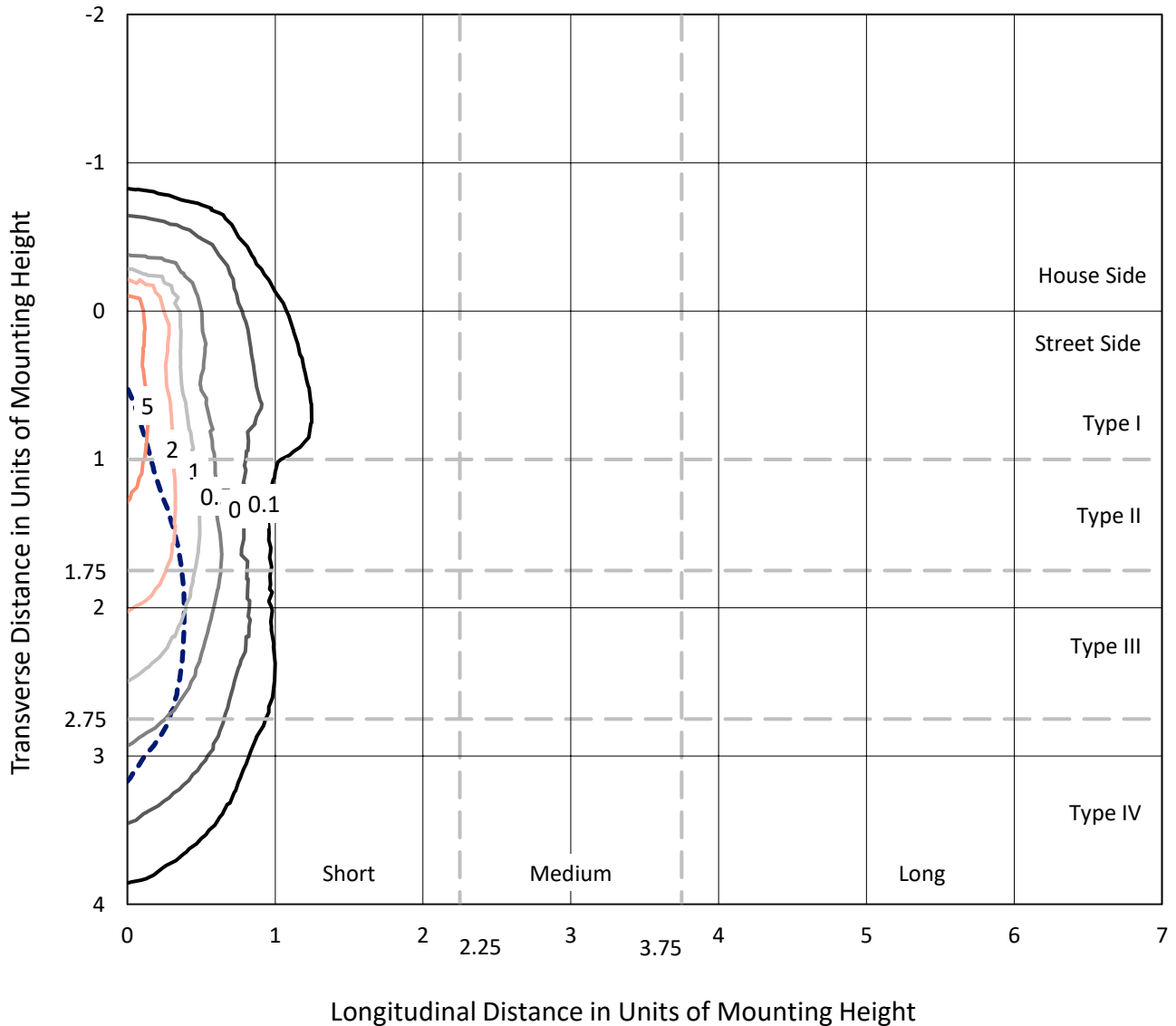
Input Watts (W): 182
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P459107
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Iso-Footcandle Lines of Horizontal Illumination

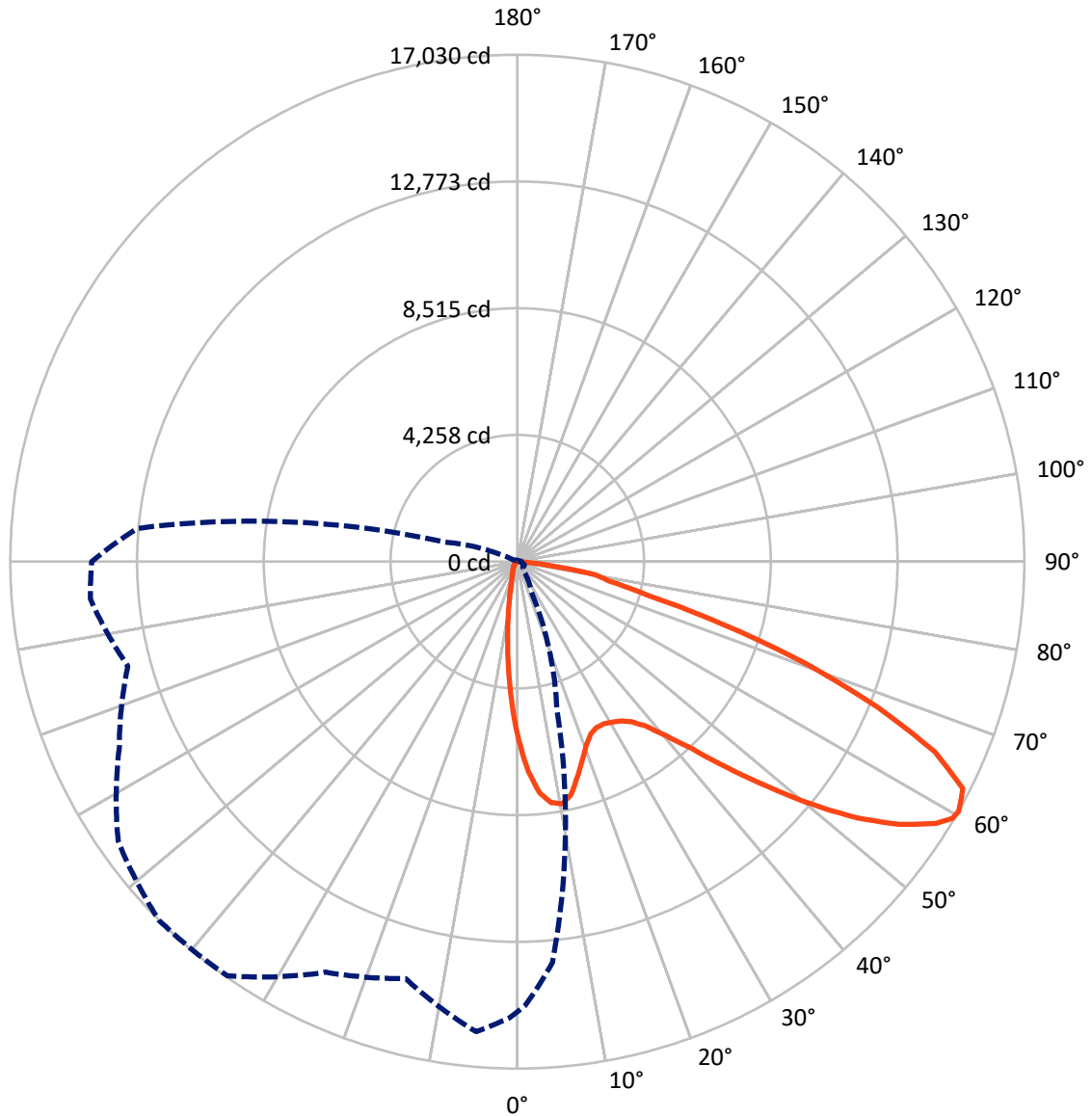
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2237.6 | 0.0 | 2237.6 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 15904.4 | 0.0 | 15904.4 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 18142.0 | 0.0 | 18142.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 446.0 | 2.5 |
| 10°-20° | 885.7 | 4.9 |
| 20°-30° | 1298.7 | 7.2 |
| 30°-40° | 1931.4 | 10.6 |
| 40°-50° | 2810.8 | 15.5 |
| 50°-60° | 4053.3 | 22.3 |
| 60°-70° | 4458.3 | 24.6 |
| 70°-80° | 1996.9 | 11.0 |
| 80°-90° | 260.9 | 1.4 |
| 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° | 18142.0 | 100.0 |
| 0°-180° | 18142.0 | 100.0 |

Coefficient of Utilization



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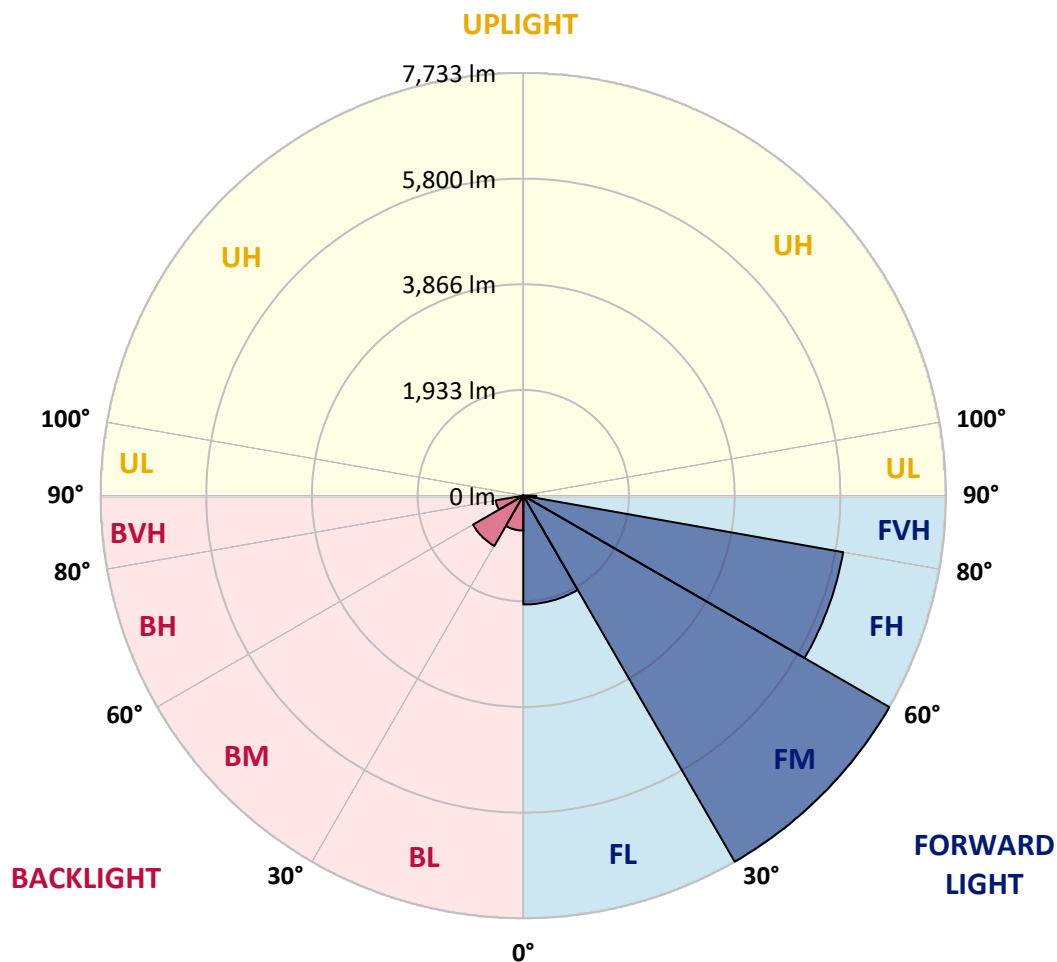
CATALOG NUMBER: GALN-SA6A-735-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1991.0 | 11.0 | | | |
| FM | (30°-60°) | 7732.7 | 42.6 | | | |
| FH | (60°-80°) | 5942.0 | 32.8 | | | G3/7500 |
| FVH | (80°-90°) | 238.6 | 1.3 | | | G3/500 |
| BL | (0°-30°) | 639.4 | 3.5 | B2/1000 | | |
| BM | (30°-60°) | 1062.8 | 5.9 | B2/2500 | | |
| BH | (60°-80°) | 513.1 | 2.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 22.3 | 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





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 |
| 2.5° | 6591.9 | 6563.0 | 6496.8 | 6295.4 | 6120.3 | 5891.4 | 5659.7 | 5477.7 | 5366.0 | 5160.5 | 5066.7 |
| 5° | 6386.5 | 6400.3 | 6208.6 | 5794.8 | 5334.2 | 5019.8 | 4676.4 | 4403.4 | 4102.7 | 3912.4 | 3712.5 |
| 7.5° | 5850.0 | 5822.4 | 5614.2 | 5037.7 | 4477.8 | 4022.7 | 3588.3 | 3235.3 | 3013.3 | 2835.4 | 2686.4 |
| 10° | 5390.8 | 5370.1 | 5103.9 | 4362.0 | 3760.7 | 3420.1 | 3126.3 | 2817.4 | 2578.9 | 2318.2 | 2110.0 |
| 12.5° | 5102.6 | 5055.7 | 4749.5 | 3974.5 | 3484.9 | 3167.7 | 2847.8 | 2526.5 | 2196.9 | 1933.5 | 1681.1 |
| 15° | 5006.0 | 4938.4 | 4597.8 | 3840.7 | 3308.4 | 2905.7 | 2504.4 | 2134.8 | 1755.6 | 1464.6 | 1274.3 |
| 17.5° | 5181.2 | 5069.5 | 4706.8 | 3817.3 | 3097.4 | 2563.7 | 2070.0 | 1588.7 | 1194.3 | 972.2 | 855.0 |
| 20° | 5582.5 | 5454.2 | 4982.6 | 3793.8 | 2862.9 | 2180.3 | 1573.5 | 1122.6 | 826.1 | 704.7 | 639.9 |
| 22.5° | 6178.2 | 6001.7 | 5390.8 | 3831.1 | 2646.4 | 1806.6 | 1136.4 | 793.0 | 656.4 | 580.6 | 535.1 |
| 25° | 6894.0 | 6746.4 | 5907.9 | 3963.4 | 2475.4 | 1512.8 | 878.5 | 648.2 | 553.0 | 506.1 | 471.6 |
| 27.5° | 7678.7 | 7442.8 | 6576.8 | 4122.0 | 2319.6 | 1285.3 | 770.9 | 579.2 | 492.3 | 449.6 | 431.6 |
| 30° | 8237.2 | 8053.8 | 7136.7 | 4232.4 | 2125.1 | 1114.3 | 704.7 | 570.9 | 493.7 | 442.7 | 409.6 |
| 32.5° | 8788.8 | 8554.4 | 7605.6 | 4283.4 | 1983.1 | 995.7 | 609.5 | 497.8 | 433.0 | 406.8 | 373.7 |
| 35° | 9379.0 | 9133.6 | 8073.1 | 4255.8 | 1876.9 | 917.1 | 553.0 | 444.1 | 371.0 | 326.8 | 293.7 |
| 37.5° | 9976.2 | 9716.9 | 8537.8 | 4156.5 | 1810.7 | 885.4 | 508.9 | 422.0 | 350.3 | 304.8 | 268.9 |
| 40° | 10685.0 | 10338.9 | 8973.6 | 4075.1 | 1741.8 | 868.8 | 479.9 | 408.2 | 335.1 | 286.8 | 251.0 |
| 42.5° | 11264.2 | 10934.6 | 9385.9 | 4032.4 | 1694.9 | 830.2 | 479.9 | 397.2 | 325.5 | 271.7 | 234.4 |
| 45° | 11813.1 | 11471.1 | 9831.4 | 4066.9 | 1675.6 | 781.9 | 485.4 | 395.8 | 318.6 | 260.6 | 223.4 |
| 47.5° | 12272.3 | 11975.8 | 10289.2 | 4196.5 | 1650.7 | 729.5 | 456.5 | 415.1 | 314.4 | 251.0 | 212.4 |
| 50° | 12814.3 | 12527.5 | 10894.6 | 4458.5 | 1606.6 | 677.1 | 420.6 | 446.8 | 313.0 | 242.7 | 202.7 |
| 52.5° | 13578.3 | 13268.0 | 11730.4 | 4756.4 | 1536.3 | 597.1 | 387.5 | 442.7 | 307.5 | 228.9 | 193.1 |
| 55° | 14511.9 | 14260.9 | 12698.5 | 5113.6 | 1439.7 | 507.5 | 335.1 | 393.0 | 291.0 | 205.5 | 176.5 |
| 57.5° | 15110.5 | 14896.7 | 13423.9 | 5268.0 | 1292.2 | 415.1 | 295.1 | 329.6 | 266.2 | 183.4 | 157.2 |
| 59° | 15180.8 | 14987.7 | 13575.6 | 5217.0 | 1195.7 | 379.2 | 275.8 | 282.7 | 259.3 | 171.0 | 146.2 |
| 60° | 15121.5 | 14921.5 | 13514.9 | 5117.7 | 1106.0 | 354.4 | 259.3 | 251.0 | 260.6 | 164.1 | 137.9 |
| 62.5° | 14740.9 | 14398.9 | 12926.0 | 4614.4 | 966.7 | 325.5 | 230.3 | 205.5 | 230.3 | 147.6 | 122.7 |
| 65° | 14005.8 | 13492.8 | 11760.7 | 3905.5 | 911.6 | 308.9 | 195.8 | 172.4 | 175.1 | 129.6 | 106.2 |
| 67.5° | 12721.9 | 12075.1 | 10209.2 | 3173.2 | 888.1 | 310.3 | 165.5 | 154.5 | 135.1 | 110.3 | 93.8 |
| 70° | 10691.9 | 10046.5 | 8191.7 | 2610.6 | 877.1 | 310.3 | 140.7 | 132.4 | 113.1 | 92.4 | 81.4 |
| 72.5° | 7576.6 | 6881.6 | 5525.9 | 2050.7 | 790.2 | 308.9 | 120.0 | 120.0 | 92.4 | 77.2 | 66.2 |
| 75° | 4280.6 | 4286.1 | 3473.9 | 1450.8 | 656.4 | 255.1 | 96.5 | 95.2 | 67.6 | 59.3 | 49.6 |
| 77.5° | 2494.7 | 2450.6 | 2341.7 | 623.3 | 304.8 | 115.8 | 67.6 | 57.9 | 46.9 | 42.8 | 35.9 |
| 80° | 1282.5 | 1055.0 | 1027.4 | 226.2 | 108.9 | 73.1 | 46.9 | 33.1 | 30.3 | 27.6 | 24.8 |
| 82.5° | 379.2 | 380.6 | 339.3 | 91.0 | 60.7 | 48.3 | 23.4 | 17.9 | 16.5 | 15.2 | 15.2 |
| 85° | 26.2 | 16.5 | 19.3 | 27.6 | 37.2 | 19.3 | 1.4 | 4.1 | 4.1 | 5.5 | 6.9 |
| 87.5° | 2.8 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 |
| 2.5° | 4963.3 | 5023.9 | 4910.9 | 4913.6 | 4819.8 | 4850.2 | 4739.9 | 4775.7 | 4710.9 | 4760.5 | 4906.7 |
| 5° | 3734.5 | 3748.3 | 3657.3 | 3628.3 | 3642.1 | 3698.7 | 3720.7 | 3620.1 | 3662.8 | 3578.7 | 3573.2 |
| 7.5° | 2631.3 | 2647.8 | 2595.4 | 2588.5 | 2687.8 | 2664.4 | 2707.1 | 2603.7 | 2505.8 | 2548.5 | 2469.9 |
| 10° | 2043.8 | 1974.8 | 1867.3 | 1836.9 | 1817.6 | 1830.0 | 1830.0 | 1736.2 | 1722.5 | 1685.2 | 1741.8 |
| 12.5° | 1613.5 | 1529.4 | 1427.3 | 1289.4 | 1255.0 | 1252.2 | 1201.2 | 1118.4 | 1092.2 | 1060.5 | 1107.4 |
| 15° | 1172.2 | 1137.7 | 1052.2 | 975.0 | 896.4 | 881.2 | 798.5 | 730.9 | 641.3 | 628.9 | 624.7 |
| 17.5° | 824.7 | 773.7 | 772.3 | 728.1 | 682.6 | 652.3 | 575.1 | 497.8 | 463.4 | 459.2 | 459.2 |
| 20° | 617.8 | 599.9 | 570.9 | 565.4 | 551.6 | 517.2 | 448.2 | 406.8 | 390.3 | 391.7 | 397.2 |
| 22.5° | 519.9 | 507.5 | 481.3 | 468.9 | 463.4 | 433.0 | 382.0 | 354.4 | 346.1 | 346.1 | 347.5 |
| 25° | 464.7 | 453.7 | 424.8 | 405.4 | 398.6 | 376.5 | 336.5 | 315.8 | 308.9 | 308.9 | 308.9 |
| 27.5° | 423.4 | 409.6 | 379.2 | 362.7 | 350.3 | 325.5 | 300.6 | 280.0 | 273.1 | 273.1 | 274.4 |
| 30° | 394.4 | 379.2 | 351.7 | 329.6 | 310.3 | 288.2 | 267.5 | 249.6 | 241.3 | 240.0 | 241.3 |
| 32.5° | 355.8 | 342.0 | 314.4 | 300.6 | 278.6 | 252.4 | 235.8 | 219.3 | 211.0 | 212.4 | 211.0 |
| 35° | 277.2 | 273.1 | 253.7 | 257.9 | 245.5 | 223.4 | 208.2 | 190.3 | 180.7 | 179.3 | 182.0 |
| 37.5° | 252.4 | 235.8 | 213.8 | 215.1 | 211.0 | 202.7 | 177.9 | 158.6 | 151.7 | 151.7 | 153.1 |
| 40° | 233.1 | 216.5 | 191.7 | 179.3 | 180.7 | 180.7 | 154.5 | 133.8 | 126.9 | 125.5 | 128.3 |
| 42.5° | 216.5 | 200.0 | 172.4 | 151.7 | 146.2 | 153.1 | 131.0 | 110.3 | 103.4 | 100.7 | 103.4 |
| 45° | 205.5 | 187.6 | 155.8 | 132.4 | 115.8 | 124.1 | 107.6 | 91.0 | 82.7 | 82.7 | 81.4 |
| 47.5° | 194.4 | 177.9 | 143.4 | 114.5 | 96.5 | 92.4 | 88.3 | 73.1 | 64.8 | 63.4 | 64.8 |
| 50° | 184.8 | 168.2 | 129.6 | 99.3 | 81.4 | 71.7 | 71.7 | 57.9 | 52.4 | 49.6 | 51.0 |
| 52.5° | 175.1 | 157.2 | 117.2 | 88.3 | 70.3 | 57.9 | 51.0 | 46.9 | 42.8 | 41.4 | 42.8 |
| 55° | 161.4 | 143.4 | 104.8 | 75.8 | 60.7 | 48.3 | 40.0 | 38.6 | 35.9 | 33.1 | 35.9 |
| 57.5° | 144.8 | 128.3 | 92.4 | 64.8 | 48.3 | 37.2 | 33.1 | 31.7 | 29.0 | 27.6 | 27.6 |
| 59° | 135.1 | 120.0 | 85.5 | 56.5 | 42.8 | 33.1 | 30.3 | 29.0 | 26.2 | 23.4 | 24.8 |
| 60° | 129.6 | 117.2 | 81.4 | 52.4 | 38.6 | 30.3 | 27.6 | 26.2 | 23.4 | 22.1 | 23.4 |
| 62.5° | 114.5 | 104.8 | 71.7 | 42.8 | 30.3 | 22.1 | 19.3 | 20.7 | 19.3 | 17.9 | 19.3 |
| 65° | 100.7 | 92.4 | 60.7 | 33.1 | 23.4 | 15.2 | 13.8 | 17.9 | 16.5 | 15.2 | 16.5 |
| 67.5° | 89.6 | 80.0 | 51.0 | 24.8 | 16.5 | 8.3 | 9.7 | 15.2 | 15.2 | 13.8 | 15.2 |
| 70° | 77.2 | 69.0 | 41.4 | 17.9 | 8.3 | 4.1 | 6.9 | 11.0 | 13.8 | 12.4 | 13.8 |
| 72.5° | 63.4 | 53.8 | 31.7 | 12.4 | 4.1 | 0.0 | 4.1 | 9.7 | 13.8 | 12.4 | 13.8 |
| 75° | 49.6 | 40.0 | 23.4 | 6.9 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 12.4 | 13.8 |
| 77.5° | 35.9 | 29.0 | 13.8 | 1.4 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 12.4 | 13.8 |
| 80° | 23.4 | 20.7 | 5.5 | 0.0 | 0.0 | 0.0 | 1.4 | 8.3 | 13.8 | 13.8 | 15.2 |
| 82.5° | 15.2 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 11.0 | 15.2 | 16.5 | 16.5 |
| 85° | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.5 | 13.8 | 17.9 | 17.9 | 17.9 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 9.7 | 16.5 | 20.7 | 20.7 | 20.7 |
| 90° | 0.0 | 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° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 |
| 2.5° | 4931.5 | 5018.4 | 5141.2 | 5330.1 | 5483.2 | 5724.5 | 5909.3 | 6161.7 | 6416.8 | 6494.0 | 6614.0 |
| 5° | 3629.7 | 3741.4 | 4020.0 | 4273.7 | 4433.7 | 4944.0 | 5266.7 | 5775.5 | 6232.0 | 6451.3 | 6689.9 |
| 7.5° | 2520.9 | 2653.3 | 2865.7 | 3220.1 | 3556.6 | 3971.7 | 4493.0 | 5075.0 | 5743.8 | 6056.9 | 6393.4 |
| 10° | 1769.3 | 1934.8 | 2234.1 | 2525.1 | 2948.4 | 3342.9 | 3857.3 | 4499.9 | 5237.7 | 5607.3 | 6029.3 |
| 12.5° | 1117.0 | 1264.6 | 1660.4 | 1987.2 | 2515.4 | 2973.3 | 3447.7 | 4029.6 | 4884.7 | 5263.9 | 5706.6 |
| 15° | 638.5 | 762.6 | 947.4 | 1366.7 | 1952.8 | 2558.2 | 3149.8 | 3825.5 | 4704.0 | 5171.5 | 5650.0 |
| 17.5° | 475.8 | 508.9 | 591.6 | 828.8 | 1362.5 | 2070.0 | 2875.4 | 3763.5 | 4826.7 | 5375.6 | 5921.7 |
| 20° | 399.9 | 422.0 | 460.6 | 554.4 | 868.8 | 1594.2 | 2607.8 | 3774.5 | 5223.9 | 5913.4 | 6432.0 |
| 22.5° | 358.6 | 372.3 | 404.1 | 464.7 | 593.0 | 1161.2 | 2294.8 | 3839.3 | 5705.2 | 6574.0 | 7172.5 |
| 25° | 314.4 | 332.4 | 359.9 | 412.3 | 493.7 | 805.4 | 1985.9 | 3984.1 | 6379.6 | 7412.5 | 7975.2 |
| 27.5° | 280.0 | 296.5 | 324.1 | 372.3 | 433.0 | 615.1 | 1625.9 | 4108.2 | 7091.2 | 8256.5 | 8717.1 |
| 30° | 245.5 | 262.0 | 289.6 | 328.2 | 383.4 | 497.8 | 1238.4 | 4181.3 | 7782.1 | 8889.5 | 9243.9 |
| 32.5° | 216.5 | 230.3 | 256.5 | 291.0 | 336.5 | 422.0 | 976.4 | 4105.5 | 8310.3 | 9464.5 | 9701.7 |
| 35° | 187.6 | 204.1 | 226.2 | 257.9 | 297.9 | 359.9 | 812.3 | 3843.5 | 8764.0 | 10056.2 | 10141.7 |
| 37.5° | 157.2 | 176.5 | 200.0 | 228.9 | 260.6 | 331.0 | 652.3 | 3553.9 | 9249.4 | 10794.0 | 10653.3 |
| 40° | 132.4 | 150.3 | 172.4 | 204.1 | 233.1 | 303.4 | 502.0 | 3244.9 | 9773.5 | 11486.3 | 11211.8 |
| 42.5° | 107.6 | 126.9 | 153.1 | 182.0 | 230.3 | 264.8 | 388.9 | 2925.0 | 10243.7 | 12088.9 | 11716.6 |
| 45° | 85.5 | 102.1 | 129.6 | 166.9 | 228.9 | 227.5 | 300.6 | 2609.2 | 10598.1 | 12519.2 | 12093.1 |
| 47.5° | 67.6 | 81.4 | 108.9 | 162.7 | 211.0 | 193.1 | 241.3 | 2413.4 | 10970.5 | 12906.7 | 12381.3 |
| 50° | 53.8 | 67.6 | 93.8 | 169.6 | 184.8 | 165.5 | 202.7 | 2445.1 | 11330.4 | 13103.9 | 12499.9 |
| 52.5° | 45.5 | 59.3 | 81.4 | 133.8 | 142.0 | 144.8 | 177.9 | 2591.3 | 11795.2 | 13314.9 | 12735.7 |
| 55° | 40.0 | 52.4 | 69.0 | 93.8 | 110.3 | 129.6 | 162.7 | 2697.5 | 12417.1 | 13767.2 | 13255.6 |
| 57.5° | 31.7 | 45.5 | 62.1 | 80.0 | 91.0 | 113.1 | 150.3 | 2705.7 | 12979.8 | 14347.8 | 13946.5 |
| 59° | 29.0 | 41.4 | 57.9 | 75.8 | 81.4 | 102.1 | 142.0 | 2635.4 | 13000.5 | 14434.7 | 14263.7 |
| 60° | 26.2 | 40.0 | 55.2 | 70.3 | 77.2 | 96.5 | 135.1 | 2554.0 | 12812.9 | 14296.8 | 14394.7 |
| 62.5° | 22.1 | 34.5 | 48.3 | 56.5 | 66.2 | 80.0 | 117.2 | 2258.9 | 11904.1 | 13672.1 | 14152.0 |
| 65° | 19.3 | 30.3 | 41.4 | 46.9 | 55.2 | 69.0 | 103.4 | 1808.0 | 10900.2 | 12825.3 | 13457.0 |
| 67.5° | 17.9 | 27.6 | 35.9 | 40.0 | 48.3 | 63.4 | 92.4 | 1277.0 | 9599.7 | 11751.0 | 12413.0 |
| 70° | 16.5 | 26.2 | 31.7 | 37.2 | 42.8 | 53.8 | 78.6 | 744.7 | 7394.6 | 9867.2 | 10566.4 |
| 72.5° | 16.5 | 24.8 | 27.6 | 31.7 | 37.2 | 48.3 | 73.1 | 402.7 | 5055.7 | 7527.0 | 8430.2 |
| 75° | 16.5 | 23.4 | 24.8 | 27.6 | 33.1 | 44.1 | 64.8 | 211.0 | 3268.4 | 5229.4 | 6454.0 |
| 77.5° | 16.5 | 22.1 | 24.8 | 26.2 | 31.7 | 38.6 | 56.5 | 132.4 | 2177.5 | 3662.8 | 4362.0 |
| 80° | 17.9 | 22.1 | 23.4 | 26.2 | 30.3 | 35.9 | 46.9 | 88.3 | 1279.8 | 2203.8 | 2654.7 |
| 82.5° | 19.3 | 22.1 | 24.8 | 27.6 | 31.7 | 34.5 | 41.4 | 55.2 | 590.2 | 1457.7 | 1649.4 |
| 85° | 20.7 | 23.4 | 26.2 | 29.0 | 33.1 | 34.5 | 38.6 | 40.0 | 96.5 | 657.8 | 889.5 |
| 87.5° | 22.1 | 24.8 | 27.6 | 30.3 | 35.9 | 35.9 | 35.9 | 35.9 | 33.1 | 70.3 | 179.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: GALN-SA6A-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 | 5996.2 |
| 2.5° | 6765.7 | 6921.5 | 7030.5 | 7058.1 | 6979.5 | 6943.6 | 6844.3 | 6689.9 | 6596.1 | 6591.9 |
| 5° | 7129.8 | 7495.2 | 7749.0 | 7791.7 | 7640.0 | 7383.5 | 7078.8 | 6685.7 | 6455.4 | 6386.5 |
| 7.5° | 7067.7 | 7707.6 | 8115.8 | 8175.1 | 7920.0 | 7430.4 | 6840.2 | 6207.2 | 5956.2 | 5850.0 |
| 10° | 6812.6 | 7593.2 | 8176.5 | 8270.3 | 7929.6 | 7240.1 | 6489.9 | 5783.8 | 5472.1 | 5390.8 |
| 12.5° | 6594.7 | 7383.5 | 7902.1 | 8031.7 | 7773.8 | 7085.7 | 6280.3 | 5512.1 | 5178.4 | 5102.6 |
| 15° | 6499.6 | 7135.3 | 7452.5 | 7518.7 | 7475.9 | 6989.1 | 6258.2 | 5470.8 | 5088.8 | 5006.0 |
| 17.5° | 6594.7 | 6924.3 | 6964.3 | 7031.9 | 7127.0 | 6979.5 | 6470.6 | 5695.6 | 5283.2 | 5181.2 |
| 20° | 6844.3 | 6740.9 | 6575.4 | 6604.4 | 6822.3 | 7019.5 | 6848.5 | 6193.4 | 5691.4 | 5582.5 |
| 22.5° | 7269.1 | 6695.4 | 6320.3 | 6295.4 | 6571.3 | 7153.2 | 7402.8 | 6867.8 | 6285.8 | 6178.2 |
| 25° | 7790.4 | 6809.8 | 6226.5 | 6172.7 | 6473.3 | 7349.1 | 8005.5 | 7693.8 | 7058.1 | 6894.0 |
| 27.5° | 8358.5 | 7047.0 | 6226.5 | 6174.1 | 6465.1 | 7522.8 | 8521.3 | 8424.7 | 7857.9 | 7678.7 |
| 30° | 8670.2 | 7242.9 | 6316.1 | 6256.8 | 6567.1 | 7623.5 | 8797.1 | 9074.3 | 8459.2 | 8237.2 |
| 32.5° | 8948.8 | 7514.5 | 6491.3 | 6379.6 | 6780.9 | 7772.4 | 9043.9 | 9625.9 | 8937.7 | 8788.8 |
| 35° | 9205.3 | 7805.5 | 6732.6 | 6603.0 | 7062.2 | 7976.5 | 9317.0 | 10205.1 | 9603.8 | 9379.0 |
| 37.5° | 9488.0 | 8143.4 | 7109.1 | 6998.8 | 7532.5 | 8373.7 | 9641.1 | 10966.4 | 10258.9 | 9976.2 |
| 40° | 9795.5 | 8535.1 | 7728.3 | 7681.4 | 8279.9 | 8823.3 | 10050.7 | 11778.6 | 11006.3 | 10685.0 |
| 42.5° | 10108.6 | 8986.0 | 8486.8 | 8564.0 | 9126.7 | 9453.5 | 10471.3 | 12403.3 | 11618.7 | 11264.2 |
| 45° | 10392.7 | 9562.5 | 9472.8 | 9854.8 | 10114.1 | 10068.6 | 10782.9 | 12843.3 | 12152.4 | 11813.1 |
| 47.5° | 10751.2 | 10402.3 | 10665.7 | 11254.6 | 11261.5 | 10737.4 | 11018.8 | 13203.2 | 12611.6 | 12272.3 |
| 50° | 11152.5 | 11393.9 | 12206.1 | 12806.0 | 12644.7 | 11395.2 | 11294.6 | 13629.3 | 13086.0 | 12814.3 |
| 52.5° | 11617.3 | 12504.0 | 13629.3 | 14295.4 | 13918.9 | 12112.4 | 11753.8 | 14089.9 | 13839.0 | 13578.3 |
| 55° | 12157.9 | 13261.1 | 15048.4 | 15579.3 | 15200.1 | 13003.2 | 12451.6 | 14714.7 | 14689.8 | 14511.9 |
| 57.5° | 12768.8 | 14061.0 | 15870.3 | 16588.8 | 16250.9 | 14048.6 | 13426.6 | 15303.5 | 15209.7 | 15110.5 |
| 59° | 13251.5 | 14471.9 | 16233.0 | 16977.7 | 16773.6 | 14780.9 | 14081.7 | 15670.4 | 15329.7 | 15180.8 |
| 60° | 13543.8 | 14750.5 | 16366.8 | 17030.1 | 16983.2 | 15216.6 | 14496.8 | 15849.6 | 15328.3 | 15121.5 |
| 62.5° | 14411.3 | 15237.3 | 16315.8 | 16797.1 | 16980.5 | 16052.4 | 15714.5 | 16046.8 | 15044.3 | 14740.9 |
| 65° | 14720.2 | 15076.0 | 15470.4 | 15411.1 | 15568.3 | 16009.6 | 16492.3 | 15830.3 | 14437.5 | 14005.8 |
| 67.5° | 14118.9 | 13306.6 | 13445.9 | 13050.1 | 12972.9 | 14233.4 | 16176.5 | 14771.2 | 13250.1 | 12721.9 |
| 70° | 11901.4 | 10194.1 | 10123.7 | 10305.8 | 9806.6 | 11523.5 | 14525.7 | 12731.6 | 11290.4 | 10691.9 |
| 72.5° | 9368.0 | 7204.3 | 6611.3 | 7281.5 | 7266.3 | 8791.6 | 12066.9 | 9034.3 | 7627.6 | 7576.6 |
| 75° | 7367.0 | 5015.7 | 4402.0 | 4510.9 | 4720.6 | 6364.4 | 9610.7 | 5736.9 | 4697.1 | 4280.6 |
| 77.5° | 4945.3 | 3553.9 | 3315.3 | 3181.5 | 3407.7 | 4086.2 | 6080.3 | 3111.2 | 2634.0 | 2494.7 |
| 80° | 2850.5 | 2581.6 | 2931.9 | 2661.6 | 2783.0 | 2574.7 | 3024.3 | 1427.3 | 1184.6 | 1282.5 |
| 82.5° | 1854.8 | 1470.1 | 1566.6 | 1163.9 | 1591.4 | 1605.2 | 970.9 | 422.0 | 357.2 | 379.2 |
| 85° | 1159.8 | 689.5 | 387.5 | 275.8 | 548.9 | 1009.5 | 303.4 | 26.2 | 30.3 | 26.2 |
| 87.5° | 300.6 | 114.5 | 48.3 | 71.7 | 88.3 | 78.6 | 70.3 | 4.1 | 1.4 | 2.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)