

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: P454813

Luminaire Tested: **GALN-SA6A-722-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454813
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-722-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14316 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

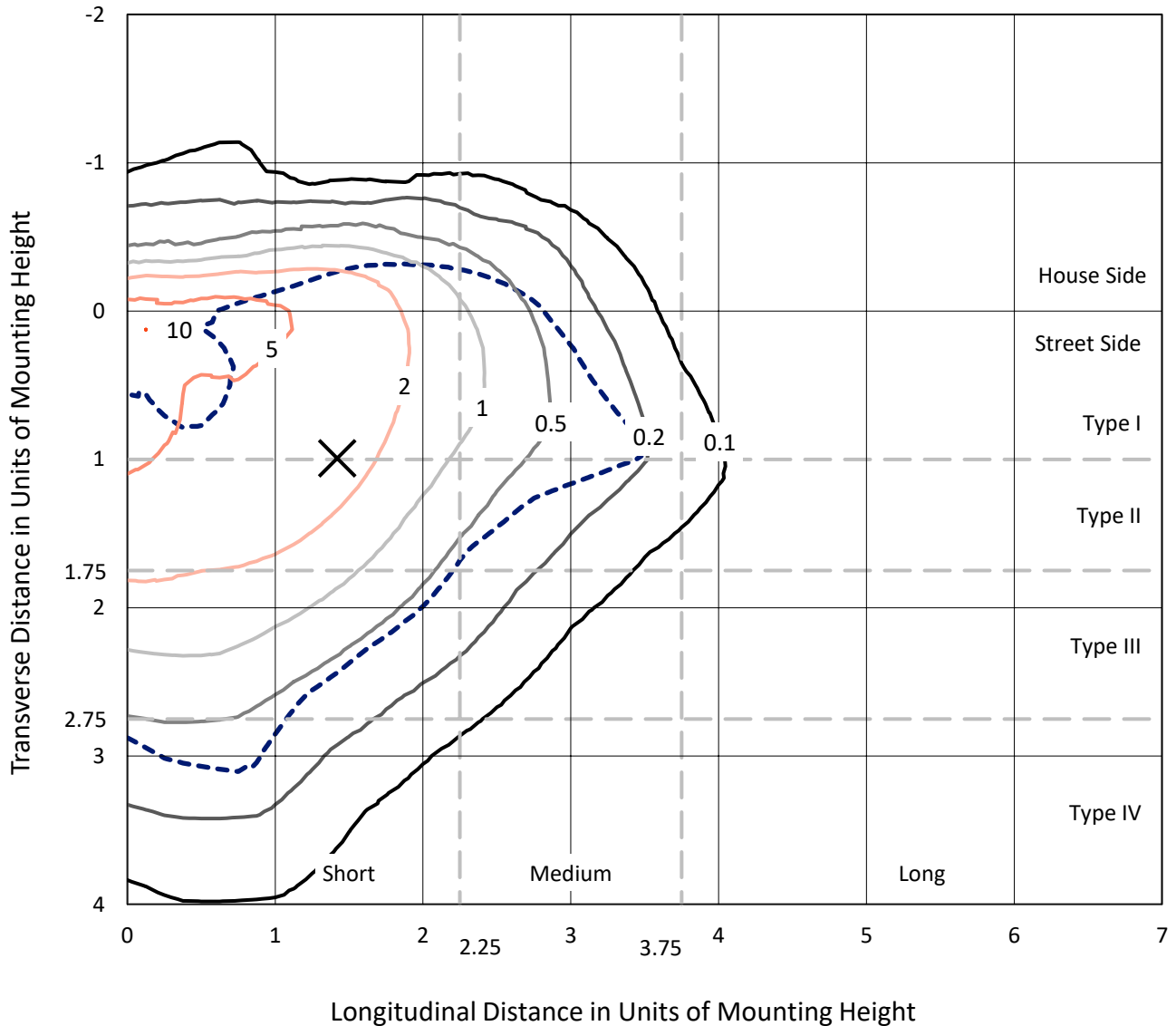
Input Watts (W): 182
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P454813
 CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

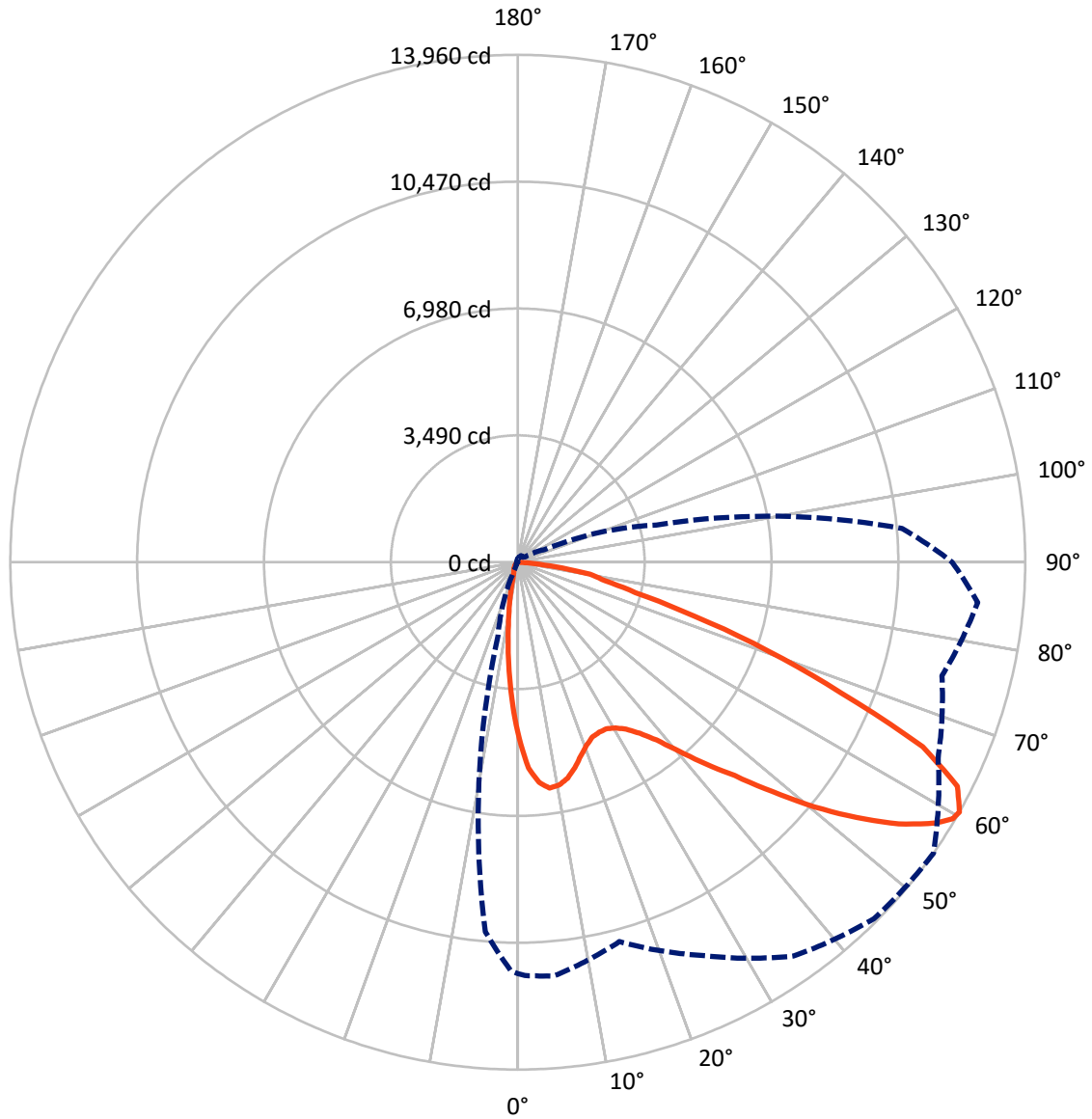
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 fc
 Type III - Short - N/A

REPORT NUMBER: P454813
CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P454813

CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2124.6 | 0.0 | 2124.6 |
| | % Fixture | 14.8 | 0.0 | 14.8 |
| Street Side | Lumens | 12191.4 | 0.0 | 12191.4 |
| | % Fixture | 85.2 | 0.0 | 85.2 |
| Total | Lumens | 14316.0 | 0.0 | 14316.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 359.0 | 2.5 |
| 10°-20° | 706.9 | 4.9 |
| 20°-30° | 1046.3 | 7.3 |
| 30°-40° | 1559.6 | 10.9 |
| 40°-50° | 2284.0 | 16.0 |
| 50°-60° | 3297.4 | 23.0 |
| 60°-70° | 3468.8 | 24.2 |
| 70°-80° | 1426.9 | 10.0 |
| 80°-90° | 167.1 | 1.2 |
| 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° | 14316.0 | 100.0 |
| 0°-180° | 14316.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P454813

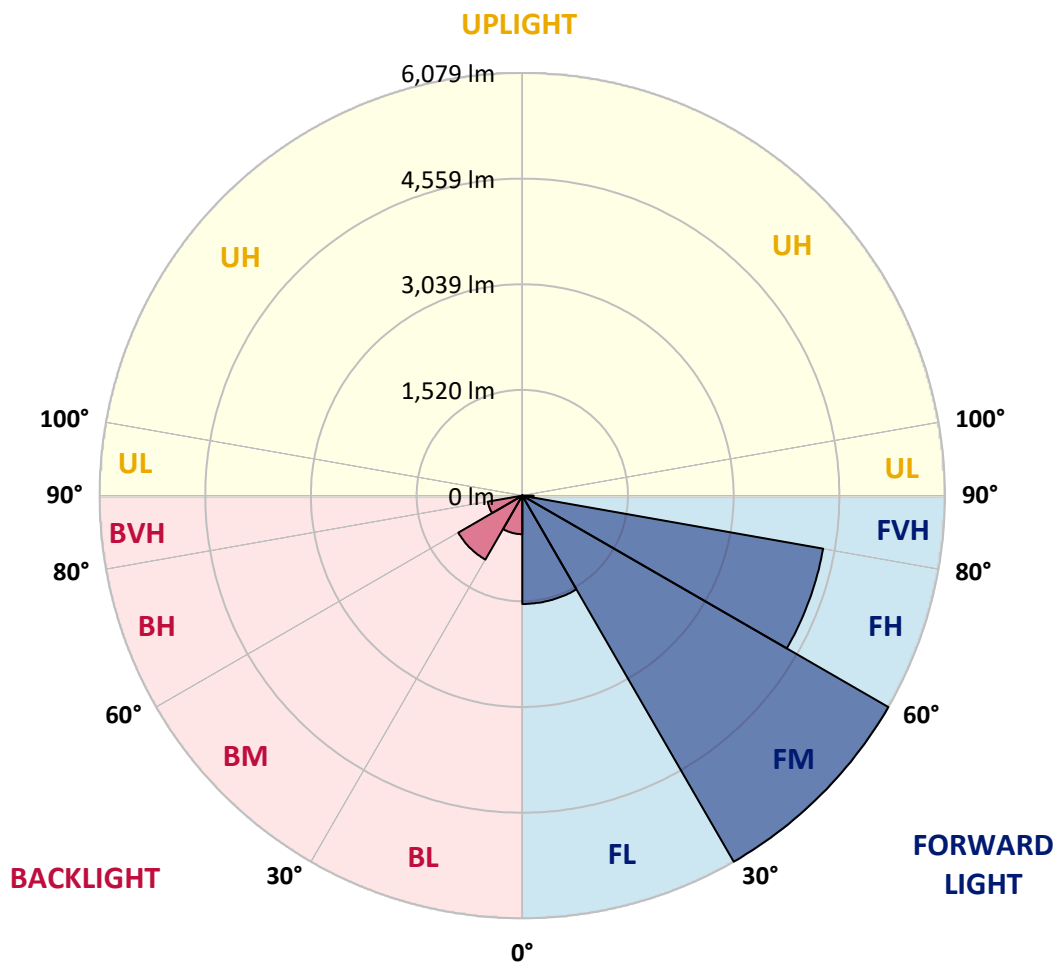
CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1557.8 | 10.9 | | | |
| FM | (30°-60°) | 6078.6 | 42.5 | | | |
| FH | (60°-80°) | 4392.8 | 30.7 | | | G2/5000 |
| FVH | (80°-90°) | 162.2 | 1.1 | | | G2/225 |
| BL | (0°-30°) | 554.3 | 3.9 | B2/1000 | | |
| BM | (30°-60°) | 1062.5 | 7.4 | B2/2500 | | |
| BH | (60°-80°) | 502.9 | 3.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 4.9 | 0.0 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





REPORT NUMBER: P454813

CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 |
| 2.5° | 5295.8 | 5287.0 | 5365.3 | 5493.1 | 5622.0 | 5689.2 | 5676.0 | 5670.5 | 5563.6 | 5485.4 | 5321.2 |
| 5° | 5284.8 | 5330.0 | 5469.9 | 5815.9 | 6078.2 | 6204.9 | 6242.4 | 6084.8 | 5876.6 | 5574.6 | 5202.2 |
| 7.5° | 4968.6 | 5024.8 | 5252.9 | 5793.9 | 6260.0 | 6535.5 | 6525.6 | 6273.2 | 5843.5 | 5376.3 | 4845.2 |
| 10° | 4576.3 | 4642.4 | 4910.2 | 5566.9 | 6171.9 | 6535.5 | 6555.3 | 6235.8 | 5701.3 | 5101.9 | 4543.2 |
| 12.5° | 4299.7 | 4377.9 | 4674.4 | 5355.3 | 5944.9 | 6303.0 | 6326.1 | 6094.7 | 5594.5 | 4996.1 | 4379.0 |
| 15° | 4206.0 | 4279.9 | 4580.7 | 5248.5 | 5703.6 | 5896.4 | 5890.9 | 5866.6 | 5552.6 | 5021.5 | 4387.9 |
| 17.5° | 4366.9 | 4427.5 | 4766.9 | 5296.9 | 5477.7 | 5457.8 | 5486.5 | 5603.3 | 5561.4 | 5234.1 | 4665.5 |
| 20° | 4782.3 | 4844.1 | 5208.8 | 5445.7 | 5304.7 | 5179.0 | 5192.3 | 5387.3 | 5642.9 | 5634.1 | 5099.7 |
| 22.5° | 5354.2 | 5458.9 | 5789.5 | 5734.4 | 5281.5 | 5006.0 | 4978.5 | 5231.9 | 5781.8 | 6094.7 | 5685.9 |
| 25° | 6078.2 | 6184.0 | 6441.8 | 6195.0 | 5395.0 | 4965.3 | 4939.9 | 5184.5 | 5950.4 | 6544.3 | 6346.0 |
| 27.5° | 6686.5 | 6766.9 | 7023.7 | 6643.5 | 5562.5 | 4982.9 | 4941.0 | 5191.2 | 6087.0 | 6926.7 | 6902.4 |
| 30° | 7173.5 | 7233.0 | 7384.0 | 6852.9 | 5706.9 | 5060.0 | 5011.5 | 5288.1 | 6147.6 | 7112.9 | 7353.1 |
| 32.5° | 7565.8 | 7666.1 | 7713.5 | 7076.5 | 5914.0 | 5205.5 | 5122.8 | 5474.4 | 6295.3 | 7343.2 | 7825.9 |
| 35° | 8014.3 | 8130.0 | 8069.4 | 7290.3 | 6187.3 | 5432.5 | 5331.1 | 5776.3 | 6519.0 | 7555.9 | 8374.6 |
| 37.5° | 8582.9 | 8716.2 | 8479.3 | 7515.1 | 6476.0 | 5774.1 | 5726.7 | 6200.5 | 6858.4 | 7860.0 | 8963.0 |
| 40° | 9171.3 | 9248.4 | 8877.1 | 7788.4 | 6830.8 | 6271.0 | 6316.2 | 6830.8 | 7302.4 | 8224.8 | 9588.9 |
| 42.5° | 9630.8 | 9703.5 | 9285.9 | 8017.6 | 7193.4 | 6860.6 | 7049.0 | 7591.1 | 7811.5 | 8598.3 | 10056.1 |
| 45° | 9982.3 | 10044.0 | 9569.1 | 8267.7 | 7682.6 | 7714.6 | 8070.5 | 8374.6 | 8321.7 | 8826.4 | 10416.5 |
| 47.5° | 10255.6 | 10308.5 | 9787.3 | 8536.6 | 8415.4 | 8759.2 | 9303.5 | 9432.5 | 8850.6 | 9073.2 | 10742.6 |
| 50° | 10368.0 | 10383.4 | 9855.6 | 8879.3 | 9247.3 | 10090.3 | 10657.8 | 10579.6 | 9456.7 | 9347.6 | 11089.8 |
| 52.5° | 10514.5 | 10511.2 | 10050.6 | 9205.5 | 10029.7 | 11280.4 | 11846.8 | 11669.4 | 10142.1 | 9758.6 | 11479.8 |
| 55° | 10899.1 | 10903.5 | 10468.3 | 9668.3 | 10696.4 | 12241.3 | 12847.3 | 12718.4 | 10865.0 | 10452.8 | 11934.9 |
| 57.5° | 11366.3 | 11382.9 | 11062.2 | 10209.3 | 11333.3 | 12937.7 | 13594.4 | 13544.8 | 11842.4 | 11225.3 | 12364.7 |
| 59° | 11426.9 | 11460.0 | 11343.2 | 10590.6 | 11711.2 | 13151.4 | 13850.1 | 13898.6 | 12365.8 | 11734.4 | 12597.2 |
| 60° | 11316.7 | 11371.8 | 11424.7 | 10806.6 | 11932.7 | 13228.6 | 13865.5 | 13960.3 | 12759.2 | 12080.4 | 12703.0 |
| 62.5° | 10836.3 | 10923.4 | 11188.9 | 11471.0 | 12209.3 | 12988.4 | 13372.9 | 13571.3 | 13246.2 | 12989.5 | 12712.9 |
| 65° | 10207.1 | 10252.3 | 10635.8 | 11588.9 | 11672.7 | 11866.6 | 11985.6 | 12240.2 | 12661.1 | 13339.9 | 12257.8 |
| 67.5° | 9175.7 | 9309.0 | 9778.5 | 10904.6 | 10089.2 | 9860.0 | 9830.3 | 9576.8 | 10669.9 | 12504.6 | 11136.0 |
| 70° | 7580.1 | 7639.6 | 8218.1 | 8939.9 | 7614.3 | 7261.7 | 7402.7 | 7308.0 | 8271.0 | 10764.7 | 8963.0 |
| 72.5° | 5732.2 | 5866.6 | 6431.9 | 7126.1 | 5181.2 | 4723.9 | 5112.9 | 5077.7 | 6212.6 | 8651.2 | 6157.5 |
| 75° | 4078.2 | 4165.3 | 4885.9 | 5576.8 | 3628.6 | 3074.4 | 3214.3 | 3345.4 | 4337.2 | 6830.8 | 3638.5 |
| 77.5° | 2802.2 | 2877.1 | 3418.2 | 3688.1 | 2646.8 | 2535.5 | 2319.5 | 2446.3 | 2841.9 | 4052.9 | 1980.2 |
| 80° | 1690.3 | 1687.0 | 2043.0 | 2109.1 | 1843.5 | 2141.0 | 1796.1 | 2016.5 | 1717.9 | 1734.4 | 766.9 |
| 82.5° | 1097.5 | 1086.5 | 1249.6 | 1362.0 | 1025.9 | 1078.8 | 724.0 | 1043.5 | 1119.6 | 483.7 | 242.4 |
| 85° | 491.5 | 512.4 | 600.5 | 792.3 | 449.6 | 239.1 | 147.7 | 320.7 | 477.1 | 243.5 | 0.0 |
| 87.5° | 50.7 | 39.7 | 105.8 | 192.8 | 61.7 | 6.6 | 22.0 | 11.0 | 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 |



REPORT NUMBER: P454813

CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 |
| 2.5° | 5245.2 | 5181.2 | 4990.6 | 4812.1 | 4658.9 | 4471.6 | 4350.4 | 4159.8 | 4044.1 | 4008.8 | 4014.3 |
| 5° | 5034.7 | 4850.7 | 4488.1 | 4198.3 | 3875.5 | 3691.4 | 3411.6 | 3142.7 | 2997.2 | 2943.2 | 2919.0 |
| 7.5° | 4593.9 | 4396.7 | 3959.2 | 3504.1 | 3158.1 | 2835.2 | 2627.0 | 2390.1 | 2228.1 | 2094.8 | 2071.6 |
| 10° | 4266.6 | 4007.7 | 3465.5 | 2976.3 | 2703.0 | 2460.6 | 2252.3 | 2015.4 | 1824.8 | 1672.7 | 1630.8 |
| 12.5° | 4070.5 | 3780.7 | 3175.7 | 2765.8 | 2506.9 | 2257.8 | 1986.8 | 1712.4 | 1517.3 | 1353.2 | 1277.1 |
| 15° | 4035.2 | 3699.2 | 3094.2 | 2614.9 | 2295.3 | 1994.5 | 1634.2 | 1337.7 | 1137.2 | 981.8 | 934.4 |
| 17.5° | 4247.9 | 3845.7 | 3082.1 | 2457.3 | 2018.7 | 1592.3 | 1217.6 | 971.9 | 746.0 | 658.9 | 624.8 |
| 20° | 4627.0 | 4104.7 | 3081.0 | 2274.4 | 1734.4 | 1226.4 | 855.1 | 633.6 | 542.1 | 500.3 | 480.4 |
| 22.5° | 5143.8 | 4457.3 | 3139.4 | 2116.8 | 1439.1 | 904.7 | 610.5 | 504.7 | 451.8 | 417.6 | 409.9 |
| 25° | 5775.2 | 4979.6 | 3282.6 | 2009.9 | 1213.2 | 709.6 | 503.6 | 432.0 | 387.9 | 372.4 | 365.8 |
| 27.5° | 6336.1 | 5479.9 | 3440.2 | 1899.7 | 1051.2 | 628.1 | 467.2 | 395.6 | 360.3 | 348.2 | 338.3 |
| 30° | 6819.8 | 5933.9 | 3516.2 | 1754.3 | 921.2 | 575.2 | 473.8 | 423.1 | 376.9 | 340.5 | 324.0 |
| 32.5° | 7223.1 | 6282.1 | 3565.8 | 1622.0 | 811.0 | 470.5 | 374.7 | 327.3 | 306.3 | 293.1 | 282.1 |
| 35° | 7727.8 | 6658.9 | 3536.1 | 1547.1 | 754.8 | 428.6 | 341.6 | 282.1 | 246.8 | 220.4 | 209.4 |
| 37.5° | 8256.7 | 7035.8 | 3484.3 | 1485.4 | 729.5 | 397.8 | 325.1 | 267.8 | 229.2 | 201.7 | 187.3 |
| 40° | 8804.4 | 7385.1 | 3423.7 | 1428.1 | 706.3 | 378.0 | 315.1 | 255.6 | 217.1 | 187.3 | 171.9 |
| 42.5° | 9305.7 | 7725.6 | 3399.4 | 1390.6 | 668.9 | 381.3 | 307.4 | 250.1 | 205.0 | 174.1 | 160.9 |
| 45° | 9711.2 | 8048.4 | 3432.5 | 1370.8 | 628.1 | 375.8 | 309.6 | 243.5 | 195.0 | 165.3 | 152.1 |
| 47.5° | 10144.3 | 8504.6 | 3539.4 | 1351.0 | 588.4 | 349.3 | 326.2 | 242.4 | 190.6 | 159.8 | 145.5 |
| 50° | 10647.9 | 9088.7 | 3784.0 | 1302.5 | 539.9 | 320.7 | 347.1 | 241.3 | 185.1 | 153.2 | 138.8 |
| 52.5° | 11319.0 | 9752.0 | 4036.3 | 1217.6 | 469.4 | 293.1 | 331.7 | 238.0 | 174.1 | 145.5 | 131.1 |
| 55° | 11921.7 | 10450.6 | 4250.1 | 1117.3 | 380.2 | 253.4 | 298.6 | 223.7 | 155.4 | 132.2 | 119.0 |
| 57.5° | 12170.7 | 10845.1 | 4243.5 | 978.5 | 304.1 | 222.6 | 245.7 | 205.0 | 135.5 | 116.8 | 105.8 |
| 59° | 12079.3 | 10795.5 | 4101.4 | 876.0 | 277.7 | 206.1 | 203.9 | 202.8 | 126.7 | 105.8 | 97.0 |
| 60° | 11950.4 | 10614.8 | 3948.2 | 825.3 | 261.2 | 195.0 | 187.3 | 200.5 | 119.0 | 99.2 | 90.4 |
| 62.5° | 11456.7 | 9865.5 | 3440.2 | 739.4 | 239.1 | 165.3 | 149.9 | 169.7 | 105.8 | 85.9 | 78.2 |
| 65° | 10741.5 | 8714.0 | 2912.4 | 715.1 | 232.5 | 136.6 | 124.5 | 121.2 | 90.4 | 72.7 | 66.1 |
| 67.5° | 9346.5 | 7374.1 | 2359.2 | 698.6 | 234.7 | 114.6 | 109.1 | 91.5 | 74.9 | 60.6 | 56.2 |
| 70° | 7483.2 | 5749.8 | 1931.7 | 679.9 | 236.9 | 93.7 | 91.5 | 72.7 | 60.6 | 50.7 | 46.3 |
| 72.5° | 4546.5 | 3408.2 | 1520.7 | 590.6 | 230.3 | 74.9 | 81.5 | 55.1 | 44.1 | 36.4 | 34.2 |
| 75° | 2811.0 | 2332.8 | 943.2 | 459.5 | 152.1 | 55.1 | 57.3 | 34.2 | 29.8 | 23.1 | 23.1 |
| 77.5° | 1628.6 | 1473.3 | 337.2 | 165.3 | 67.2 | 33.1 | 25.3 | 17.6 | 16.5 | 9.9 | 9.9 |
| 80° | 675.5 | 541.0 | 116.8 | 56.2 | 36.4 | 15.4 | 5.5 | 1.1 | 0.0 | 0.0 | 0.0 |
| 82.5° | 197.2 | 175.2 | 32.0 | 25.3 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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 |



REPORT NUMBER: P454813

CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 |
| 2.5° | 3920.6 | 3884.3 | 3867.7 | 3923.9 | 3872.2 | 3938.3 | 3887.6 | 3909.6 | 3974.6 | 4003.3 | 4077.1 |
| 5° | 2934.4 | 2897.0 | 2879.3 | 2964.2 | 2959.8 | 3001.6 | 2997.2 | 3035.8 | 3068.9 | 2995.0 | 3071.1 |
| 7.5° | 2044.1 | 2018.7 | 2060.6 | 2126.7 | 2197.2 | 2174.1 | 2174.1 | 2122.3 | 2139.9 | 2128.9 | 2125.6 |
| 10° | 1554.8 | 1467.8 | 1445.7 | 1443.5 | 1470.0 | 1475.5 | 1445.7 | 1374.1 | 1400.5 | 1408.3 | 1454.5 |
| 12.5° | 1223.1 | 1155.9 | 1053.4 | 1007.2 | 995.0 | 1005.0 | 906.9 | 844.1 | 873.8 | 856.2 | 901.4 |
| 15° | 877.1 | 822.0 | 761.4 | 709.6 | 695.3 | 675.5 | 568.6 | 493.7 | 484.8 | 488.2 | 495.9 |
| 17.5° | 625.9 | 588.4 | 588.4 | 533.3 | 503.6 | 444.1 | 390.1 | 357.0 | 353.7 | 357.0 | 362.5 |
| 20° | 461.7 | 441.9 | 439.7 | 425.3 | 392.3 | 352.6 | 315.1 | 308.5 | 306.3 | 311.8 | 314.0 |
| 22.5° | 397.8 | 376.9 | 359.2 | 358.1 | 327.3 | 294.2 | 276.6 | 267.8 | 268.9 | 271.1 | 276.6 |
| 25° | 355.9 | 333.9 | 315.1 | 304.1 | 282.1 | 259.0 | 242.4 | 238.0 | 238.0 | 241.3 | 242.4 |
| 27.5° | 326.2 | 298.6 | 282.1 | 266.7 | 246.8 | 227.0 | 212.7 | 209.4 | 207.2 | 209.4 | 214.9 |
| 30° | 305.2 | 277.7 | 256.7 | 233.6 | 218.2 | 199.4 | 187.3 | 182.9 | 181.8 | 182.9 | 187.3 |
| 32.5° | 261.2 | 244.6 | 228.1 | 207.2 | 188.4 | 176.3 | 163.1 | 155.4 | 155.4 | 157.6 | 162.0 |
| 35° | 197.2 | 188.4 | 187.3 | 181.8 | 166.4 | 153.2 | 137.7 | 130.0 | 130.0 | 134.4 | 136.6 |
| 37.5° | 174.1 | 157.6 | 155.4 | 153.2 | 146.6 | 128.9 | 114.6 | 108.0 | 106.9 | 110.2 | 114.6 |
| 40° | 158.7 | 139.9 | 130.0 | 127.8 | 128.9 | 109.1 | 93.7 | 87.1 | 87.1 | 88.2 | 92.6 |
| 42.5° | 146.6 | 124.5 | 106.9 | 104.7 | 109.1 | 91.5 | 76.0 | 69.4 | 69.4 | 69.4 | 74.9 |
| 45° | 136.6 | 111.3 | 90.4 | 79.3 | 85.9 | 74.9 | 61.7 | 55.1 | 52.9 | 55.1 | 57.3 |
| 47.5° | 130.0 | 101.4 | 79.3 | 63.9 | 63.9 | 59.5 | 49.6 | 41.9 | 39.7 | 40.8 | 44.1 |
| 50° | 124.5 | 92.6 | 67.2 | 51.8 | 46.3 | 47.4 | 37.5 | 32.0 | 29.8 | 29.8 | 33.1 |
| 52.5° | 115.7 | 83.7 | 58.4 | 44.1 | 35.3 | 32.0 | 27.5 | 23.1 | 22.0 | 23.1 | 25.3 |
| 55° | 104.7 | 76.0 | 50.7 | 36.4 | 27.5 | 22.0 | 19.8 | 16.5 | 15.4 | 16.5 | 19.8 |
| 57.5° | 92.6 | 63.9 | 40.8 | 28.6 | 18.7 | 14.3 | 13.2 | 11.0 | 8.8 | 9.9 | 12.1 |
| 59° | 84.8 | 57.3 | 35.3 | 23.1 | 14.3 | 9.9 | 9.9 | 7.7 | 5.5 | 6.6 | 9.9 |
| 60° | 81.5 | 52.9 | 29.8 | 19.8 | 12.1 | 7.7 | 7.7 | 5.5 | 3.3 | 4.4 | 7.7 |
| 62.5° | 69.4 | 44.1 | 23.1 | 12.1 | 5.5 | 1.1 | 3.3 | 1.1 | 0.0 | 1.1 | 3.3 |
| 65° | 58.4 | 35.3 | 15.4 | 5.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 |
| 67.5° | 48.5 | 26.4 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 38.6 | 17.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 26.4 | 9.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 16.5 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 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 |



REPORT NUMBER: P454813

CATALOG NUMBER: GALN-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 | 4847.4 |
| 2.5° | 4081.5 | 4239.1 | 4336.1 | 4519.0 | 4706.3 | 4850.7 | 5031.4 | 5193.4 | 5260.6 | 5295.8 |
| 5° | 3148.2 | 3367.5 | 3553.7 | 3832.5 | 4091.4 | 4406.6 | 4726.1 | 5103.0 | 5247.4 | 5284.8 |
| 7.5° | 2209.4 | 2433.0 | 2628.1 | 2950.9 | 3320.1 | 3742.1 | 4220.4 | 4698.6 | 4909.1 | 4968.6 |
| 10° | 1595.6 | 1834.7 | 2072.7 | 2395.6 | 2740.5 | 3197.8 | 3695.8 | 4287.6 | 4530.0 | 4576.3 |
| 12.5° | 1007.2 | 1263.9 | 1650.7 | 2049.6 | 2414.3 | 2782.4 | 3303.6 | 3947.1 | 4214.9 | 4299.7 |
| 15° | 584.0 | 775.8 | 1067.8 | 1587.9 | 2051.8 | 2538.8 | 3107.4 | 3819.3 | 4119.0 | 4206.0 |
| 17.5° | 391.2 | 457.3 | 657.8 | 1055.6 | 1668.3 | 2314.0 | 3057.8 | 3923.9 | 4255.6 | 4366.9 |
| 20° | 329.5 | 359.2 | 429.7 | 643.5 | 1284.8 | 2113.5 | 3071.1 | 4208.2 | 4643.5 | 4782.3 |
| 22.5° | 289.8 | 317.4 | 362.5 | 462.8 | 897.0 | 1864.5 | 3133.9 | 4614.9 | 5176.8 | 5354.2 |
| 25° | 255.6 | 283.2 | 322.9 | 383.5 | 602.8 | 1576.9 | 3271.6 | 5209.9 | 5883.2 | 6078.2 |
| 27.5° | 227.0 | 252.3 | 286.5 | 338.3 | 463.9 | 1256.2 | 3393.9 | 5789.5 | 6527.8 | 6686.5 |
| 30° | 200.5 | 221.5 | 254.5 | 294.2 | 385.7 | 968.6 | 3455.6 | 6296.4 | 6997.2 | 7173.5 |
| 32.5° | 174.1 | 193.9 | 225.9 | 257.8 | 317.4 | 738.3 | 3412.7 | 6668.8 | 7453.4 | 7565.8 |
| 35° | 148.8 | 169.7 | 196.1 | 225.9 | 274.4 | 596.1 | 3197.8 | 7087.6 | 7926.1 | 8014.3 |
| 37.5° | 127.8 | 145.5 | 173.0 | 196.1 | 247.9 | 477.1 | 2937.7 | 7464.4 | 8456.2 | 8582.9 |
| 40° | 108.0 | 125.6 | 153.2 | 174.1 | 228.1 | 375.8 | 2703.0 | 7883.2 | 9014.8 | 9171.3 |
| 42.5° | 88.2 | 109.1 | 133.3 | 167.5 | 196.1 | 286.5 | 2418.7 | 8222.5 | 9434.7 | 9630.8 |
| 45° | 70.5 | 93.7 | 120.1 | 166.4 | 170.8 | 218.2 | 2144.3 | 8487.0 | 9806.0 | 9982.3 |
| 47.5° | 56.2 | 79.3 | 115.7 | 155.4 | 139.9 | 173.0 | 1987.9 | 8763.6 | 10114.5 | 10255.6 |
| 50° | 45.2 | 66.1 | 121.2 | 136.6 | 116.8 | 146.6 | 1983.5 | 9072.1 | 10274.3 | 10368.0 |
| 52.5° | 36.4 | 54.0 | 102.5 | 104.7 | 99.2 | 128.9 | 2102.5 | 9419.2 | 10437.4 | 10514.5 |
| 55° | 30.9 | 45.2 | 67.2 | 77.1 | 89.3 | 116.8 | 2191.7 | 9953.7 | 10826.4 | 10899.1 |
| 57.5° | 24.2 | 38.6 | 51.8 | 61.7 | 79.3 | 106.9 | 2203.8 | 10365.8 | 11319.0 | 11366.3 |
| 59° | 20.9 | 33.1 | 46.3 | 55.1 | 72.7 | 100.3 | 2154.3 | 10391.1 | 11350.9 | 11426.9 |
| 60° | 17.6 | 29.8 | 40.8 | 51.8 | 67.2 | 94.8 | 2100.3 | 10207.1 | 11231.9 | 11316.7 |
| 62.5° | 13.2 | 23.1 | 29.8 | 41.9 | 55.1 | 81.5 | 1844.6 | 9564.7 | 10776.8 | 10836.3 |
| 65° | 8.8 | 16.5 | 22.0 | 30.9 | 43.0 | 70.5 | 1503.0 | 8731.6 | 10073.8 | 10207.1 |
| 67.5° | 5.5 | 12.1 | 17.6 | 23.1 | 35.3 | 59.5 | 1071.1 | 7487.6 | 9089.8 | 9175.7 |
| 70° | 3.3 | 7.7 | 13.2 | 18.7 | 27.5 | 47.4 | 635.8 | 5918.4 | 7562.5 | 7580.1 |
| 72.5° | 2.2 | 5.5 | 8.8 | 13.2 | 22.0 | 43.0 | 308.5 | 3857.8 | 5521.7 | 5732.2 |
| 75° | 1.1 | 3.3 | 5.5 | 9.9 | 17.6 | 35.3 | 147.7 | 2577.4 | 4017.6 | 4078.2 |
| 77.5° | 0.0 | 1.1 | 3.3 | 6.6 | 13.2 | 27.5 | 85.9 | 1692.6 | 2739.4 | 2802.2 |
| 80° | 0.0 | 0.0 | 2.2 | 5.5 | 9.9 | 17.6 | 51.8 | 998.3 | 1659.5 | 1690.3 |
| 82.5° | 0.0 | 0.0 | 1.1 | 4.4 | 6.6 | 13.2 | 26.4 | 438.6 | 1086.5 | 1097.5 |
| 85° | 0.0 | 0.0 | 1.1 | 4.4 | 5.5 | 8.8 | 9.9 | 59.5 | 482.6 | 491.5 |
| 87.5° | 0.0 | 0.0 | 1.1 | 5.5 | 5.5 | 5.5 | 5.5 | 3.3 | 40.8 | 50.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)