

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: P454119

Luminaire Tested: **GALN-SA5B-722-U-SLR-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P454119
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-SA5B-722-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2200K, 800mA 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: 15044 lumens
Efficiency: N/A
Efficacy: 73.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

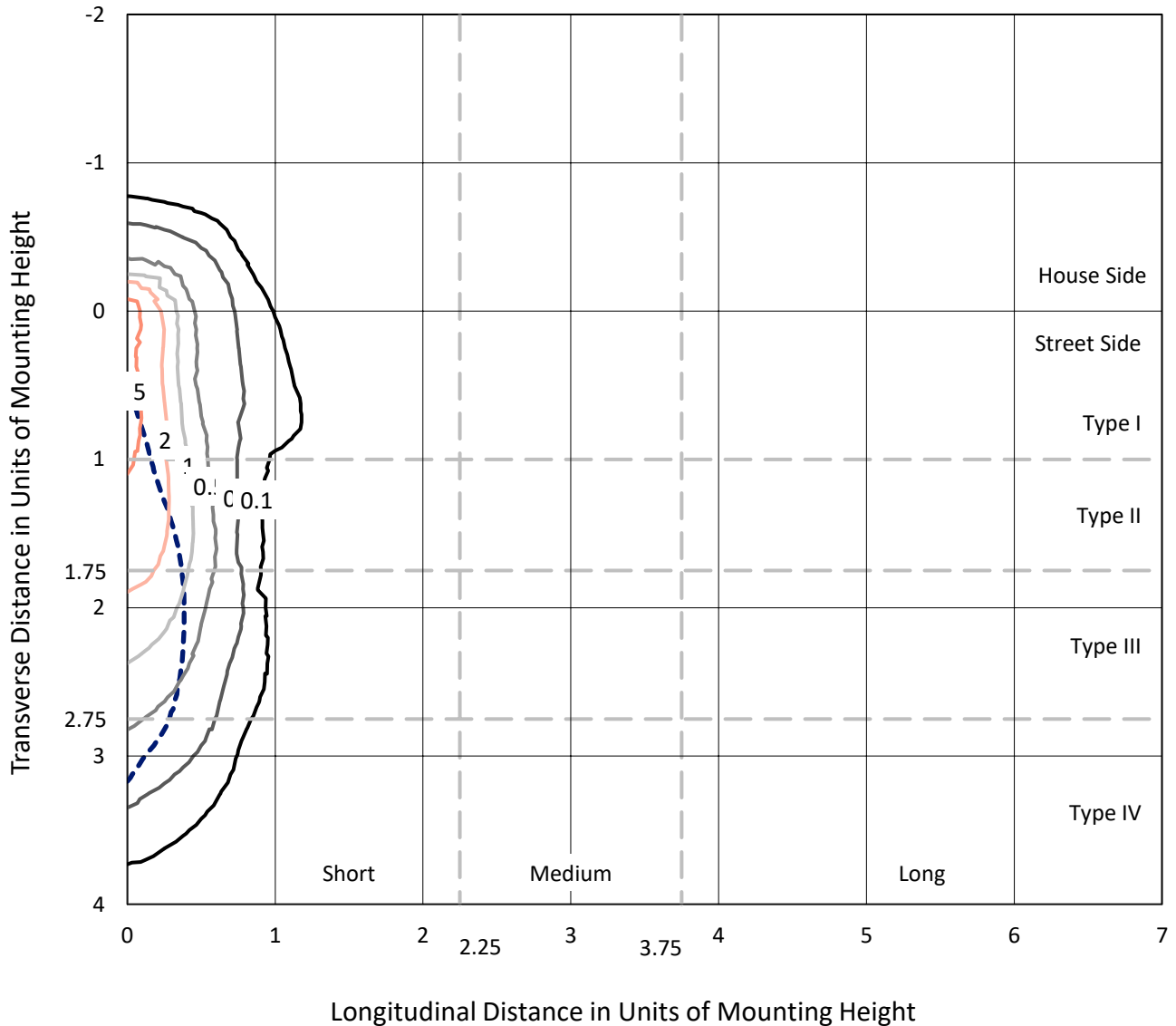
Input Watts (W): 204
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P454119
 CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

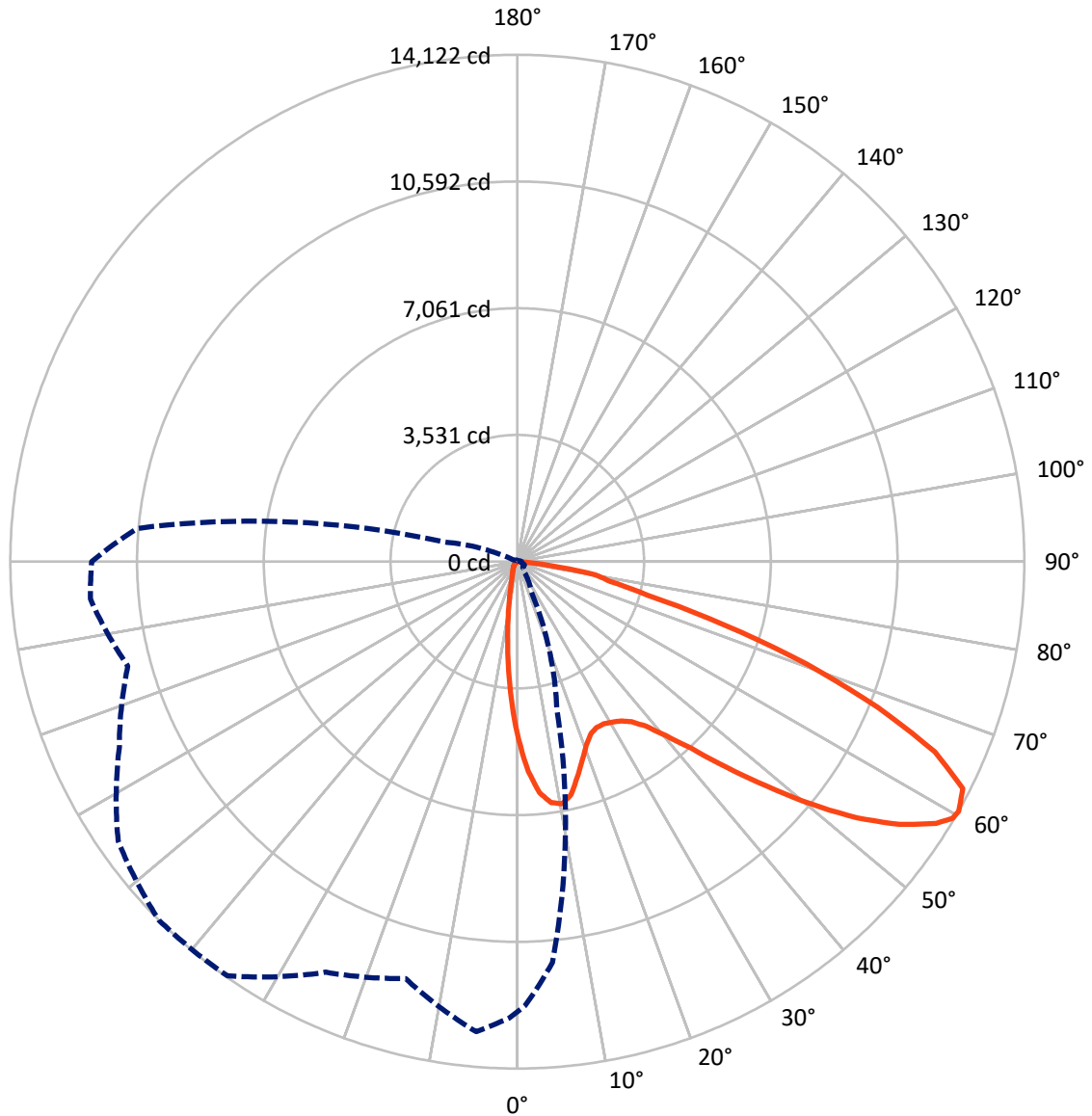
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Short - N/A

REPORT NUMBER: P454119
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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 | 1855.5 | 0.0 | 1855.5 |
| | % Fixture | 12.3 | 0.0 | 12.3 |
| Street Side | Lumens | 13188.5 | 0.0 | 13188.5 |
| | % Fixture | 87.7 | 0.0 | 87.7 |
| Total | Lumens | 15044.0 | 0.0 | 15044.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 369.8 | 2.5 |
| 10°-20° | 734.5 | 4.9 |
| 20°-30° | 1076.9 | 7.2 |
| 30°-40° | 1601.6 | 10.6 |
| 40°-50° | 2330.8 | 15.5 |
| 50°-60° | 3361.2 | 22.3 |
| 60°-70° | 3696.9 | 24.6 |
| 70°-80° | 1655.9 | 11.0 |
| 80°-90° | 216.4 | 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° | 15044.0 | 100.0 |
| 0°-180° | 15044.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P454119

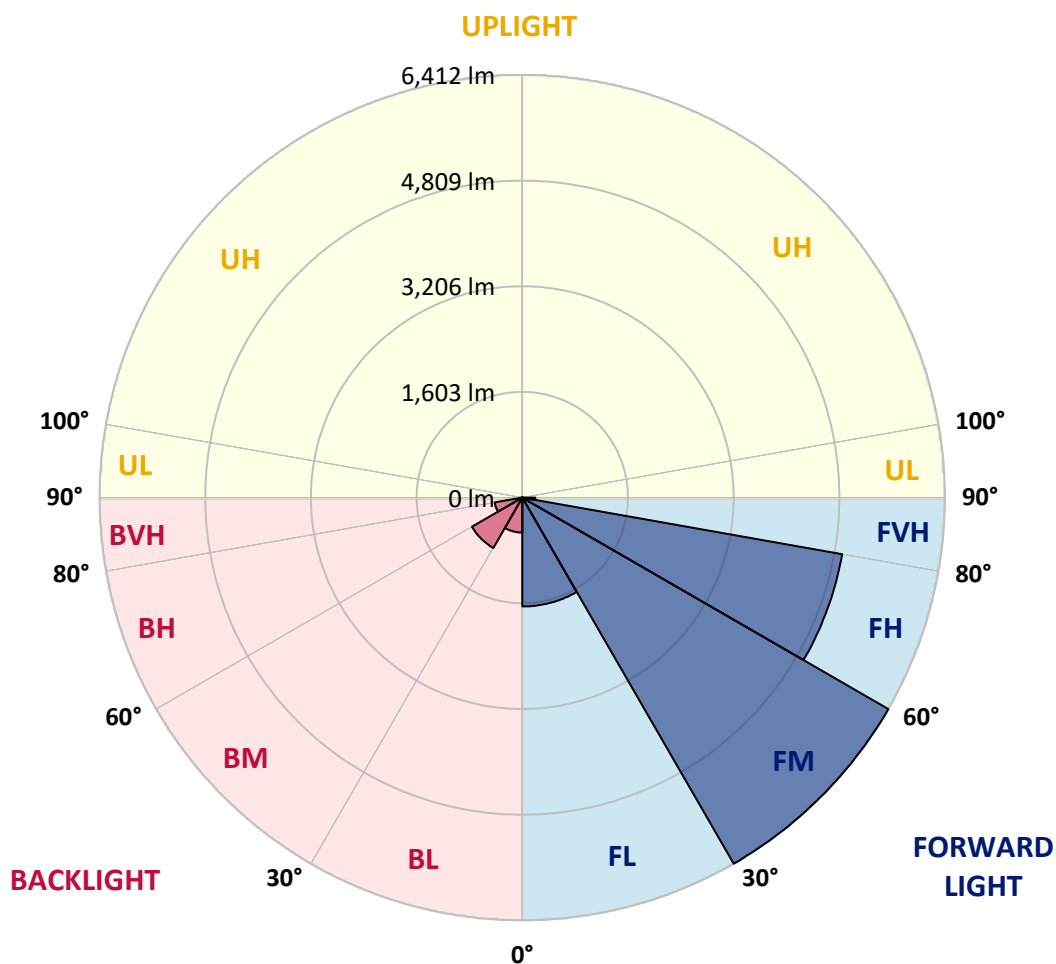
CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1651.0 | 11.0 | | | |
| FM (30°-60°) | 6412.2 | 42.6 | | | |
| FH (60°-80°) | 4927.4 | 32.8 | | | G2/5000 |
| FVH (80°-90°) | 197.9 | 1.3 | | | G2/225 |
| BL (0°-30°) | 530.2 | 3.5 | B2/1000 | | |
| BM (30°-60°) | 881.3 | 5.9 | B1/1000 | | |
| BH (60°-80°) | 425.5 | 2.8 | B1/500 | | G1/500 |
| BVH (80°-90°) | 18.5 | 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-G2

Type IV Short





REPORT NUMBER: P454119

CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 |
| 2.5° | 5466.3 | 5442.3 | 5387.4 | 5220.4 | 5075.2 | 4885.3 | 4693.2 | 4542.3 | 4449.6 | 4279.3 | 4201.5 |
| 5° | 5295.9 | 5307.3 | 5148.4 | 4805.3 | 4423.3 | 4162.6 | 3877.9 | 3651.4 | 3402.1 | 3244.3 | 3078.5 |
| 7.5° | 4851.0 | 4828.2 | 4655.5 | 4177.5 | 3713.2 | 3335.8 | 2975.6 | 2682.8 | 2498.7 | 2351.2 | 2227.7 |
| 10° | 4470.2 | 4453.1 | 4232.4 | 3617.1 | 3118.5 | 2836.1 | 2592.5 | 2336.3 | 2138.5 | 1922.3 | 1749.7 |
| 12.5° | 4231.2 | 4192.3 | 3938.5 | 3295.8 | 2889.8 | 2626.8 | 2361.5 | 2095.0 | 1821.7 | 1603.3 | 1394.0 |
| 15° | 4151.2 | 4095.1 | 3812.7 | 3184.9 | 2743.4 | 2409.5 | 2076.7 | 1770.3 | 1455.8 | 1214.5 | 1056.7 |
| 17.5° | 4296.4 | 4203.8 | 3903.0 | 3165.4 | 2568.5 | 2125.9 | 1716.5 | 1317.4 | 990.3 | 806.2 | 709.0 |
| 20° | 4629.2 | 4522.8 | 4131.7 | 3146.0 | 2374.1 | 1808.0 | 1304.8 | 930.9 | 685.0 | 584.4 | 530.6 |
| 22.5° | 5123.2 | 4976.8 | 4470.2 | 3176.8 | 2194.5 | 1498.1 | 942.3 | 657.6 | 544.3 | 481.4 | 443.7 |
| 25° | 5716.7 | 5594.4 | 4899.1 | 3286.6 | 2052.7 | 1254.5 | 728.5 | 537.5 | 458.6 | 419.7 | 391.1 |
| 27.5° | 6367.4 | 6171.9 | 5453.7 | 3418.1 | 1923.5 | 1065.8 | 639.3 | 480.3 | 408.3 | 372.8 | 357.9 |
| 30° | 6830.6 | 6678.5 | 5918.0 | 3509.6 | 1762.2 | 924.0 | 584.4 | 473.4 | 409.4 | 367.1 | 339.6 |
| 32.5° | 7288.0 | 7093.6 | 6306.8 | 3551.9 | 1644.5 | 825.7 | 505.5 | 412.8 | 359.1 | 337.4 | 309.9 |
| 35° | 7777.4 | 7573.9 | 6694.5 | 3529.1 | 1556.4 | 760.5 | 458.6 | 368.2 | 307.6 | 271.0 | 243.6 |
| 37.5° | 8272.6 | 8057.6 | 7079.9 | 3446.7 | 1501.5 | 734.2 | 422.0 | 349.9 | 290.5 | 252.7 | 223.0 |
| 40° | 8860.4 | 8573.4 | 7441.2 | 3379.3 | 1444.3 | 720.5 | 398.0 | 338.5 | 277.9 | 237.9 | 208.1 |
| 42.5° | 9340.7 | 9067.4 | 7783.2 | 3343.8 | 1405.5 | 688.4 | 398.0 | 329.3 | 269.9 | 225.3 | 194.4 |
| 45° | 9795.8 | 9512.2 | 8152.5 | 3372.4 | 1389.4 | 648.4 | 402.5 | 328.2 | 264.2 | 216.1 | 185.3 |
| 47.5° | 10176.7 | 9930.8 | 8532.2 | 3479.9 | 1368.9 | 605.0 | 378.5 | 344.2 | 260.7 | 208.1 | 176.1 |
| 50° | 10626.1 | 10388.2 | 9034.2 | 3697.2 | 1332.3 | 561.5 | 348.8 | 370.5 | 259.6 | 201.3 | 168.1 |
| 52.5° | 11259.6 | 11002.3 | 9727.2 | 3944.2 | 1273.9 | 495.2 | 321.3 | 367.1 | 255.0 | 189.8 | 160.1 |
| 55° | 12033.8 | 11825.7 | 10530.0 | 4240.4 | 1193.9 | 420.8 | 277.9 | 325.9 | 241.3 | 170.4 | 146.4 |
| 57.5° | 12530.1 | 12352.9 | 11131.5 | 4368.5 | 1071.5 | 344.2 | 244.7 | 273.3 | 220.7 | 152.1 | 130.4 |
| 59° | 12588.5 | 12428.4 | 11257.3 | 4326.1 | 991.5 | 314.5 | 228.7 | 234.4 | 215.0 | 141.8 | 121.2 |
| 60° | 12539.3 | 12373.5 | 11207.0 | 4243.8 | 917.1 | 293.9 | 215.0 | 208.1 | 216.1 | 136.1 | 114.4 |
| 62.5° | 12223.7 | 11940.0 | 10718.7 | 3826.4 | 801.6 | 269.9 | 191.0 | 170.4 | 191.0 | 122.4 | 101.8 |
| 65° | 11614.1 | 11188.7 | 9752.4 | 3238.6 | 755.9 | 256.2 | 162.4 | 142.9 | 145.2 | 107.5 | 88.1 |
| 67.5° | 10549.5 | 10013.1 | 8465.9 | 2631.4 | 736.5 | 257.3 | 137.2 | 128.1 | 112.1 | 91.5 | 77.8 |
| 70° | 8866.1 | 8330.9 | 6792.8 | 2164.8 | 727.3 | 257.3 | 116.6 | 109.8 | 93.8 | 76.6 | 67.5 |
| 72.5° | 6282.8 | 5706.4 | 4582.3 | 1700.5 | 655.3 | 256.2 | 99.5 | 99.5 | 76.6 | 64.0 | 54.9 |
| 75° | 3549.7 | 3554.2 | 2880.7 | 1203.0 | 544.3 | 211.6 | 80.1 | 78.9 | 56.0 | 49.2 | 41.2 |
| 77.5° | 2068.7 | 2032.1 | 1941.8 | 516.9 | 252.7 | 96.1 | 56.0 | 48.0 | 38.9 | 35.5 | 29.7 |
| 80° | 1063.5 | 874.8 | 852.0 | 187.5 | 90.3 | 60.6 | 38.9 | 27.4 | 25.2 | 22.9 | 20.6 |
| 82.5° | 314.5 | 315.6 | 281.3 | 75.5 | 50.3 | 40.0 | 19.4 | 14.9 | 13.7 | 12.6 | 12.6 |
| 85° | 21.7 | 13.7 | 16.0 | 22.9 | 30.9 | 16.0 | 1.1 | 3.4 | 3.4 | 4.6 | 5.7 |
| 87.5° | 2.3 | 1.1 | 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: P454119

CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 |
| 2.5° | 4115.7 | 4166.0 | 4072.3 | 4074.6 | 3996.8 | 4021.9 | 3930.5 | 3960.2 | 3906.4 | 3947.6 | 4068.8 |
| 5° | 3096.8 | 3108.2 | 3032.8 | 3008.7 | 3020.2 | 3067.1 | 3085.4 | 3001.9 | 3037.3 | 2967.6 | 2963.0 |
| 7.5° | 2181.9 | 2195.7 | 2152.2 | 2146.5 | 2228.8 | 2209.4 | 2244.8 | 2159.1 | 2077.9 | 2113.3 | 2048.1 |
| 10° | 1694.8 | 1637.6 | 1548.4 | 1523.2 | 1507.2 | 1517.5 | 1517.5 | 1439.8 | 1428.3 | 1397.4 | 1444.3 |
| 12.5° | 1338.0 | 1268.2 | 1183.6 | 1069.2 | 1040.7 | 1038.4 | 996.1 | 927.4 | 905.7 | 879.4 | 918.3 |
| 15° | 972.0 | 943.4 | 872.5 | 808.5 | 743.3 | 730.7 | 662.1 | 606.1 | 531.8 | 521.5 | 518.0 |
| 17.5° | 683.9 | 641.5 | 640.4 | 603.8 | 566.1 | 540.9 | 476.9 | 412.8 | 384.2 | 380.8 | 380.8 |
| 20° | 512.3 | 497.5 | 473.4 | 468.9 | 457.4 | 428.8 | 371.7 | 337.4 | 323.6 | 324.8 | 329.3 |
| 22.5° | 431.1 | 420.8 | 399.1 | 388.8 | 384.2 | 359.1 | 316.8 | 293.9 | 287.0 | 287.0 | 288.2 |
| 25° | 385.4 | 376.2 | 352.2 | 336.2 | 330.5 | 312.2 | 279.0 | 261.9 | 256.2 | 256.2 | 256.2 |
| 27.5° | 351.1 | 339.6 | 314.5 | 300.8 | 290.5 | 269.9 | 249.3 | 232.1 | 226.4 | 226.4 | 227.6 |
| 30° | 327.1 | 314.5 | 291.6 | 273.3 | 257.3 | 239.0 | 221.9 | 207.0 | 200.1 | 199.0 | 200.1 |
| 32.5° | 295.0 | 283.6 | 260.7 | 249.3 | 231.0 | 209.3 | 195.6 | 181.8 | 175.0 | 176.1 | 175.0 |
| 35° | 229.9 | 226.4 | 210.4 | 213.8 | 203.6 | 185.3 | 172.7 | 157.8 | 149.8 | 148.7 | 151.0 |
| 37.5° | 209.3 | 195.6 | 177.3 | 178.4 | 175.0 | 168.1 | 147.5 | 131.5 | 125.8 | 125.8 | 126.9 |
| 40° | 193.3 | 179.5 | 159.0 | 148.7 | 149.8 | 149.8 | 128.1 | 110.9 | 105.2 | 104.1 | 106.4 |
| 42.5° | 179.5 | 165.8 | 142.9 | 125.8 | 121.2 | 126.9 | 108.6 | 91.5 | 85.8 | 83.5 | 85.8 |
| 45° | 170.4 | 155.5 | 129.2 | 109.8 | 96.1 | 102.9 | 89.2 | 75.5 | 68.6 | 68.6 | 67.5 |
| 47.5° | 161.2 | 147.5 | 118.9 | 94.9 | 80.1 | 76.6 | 73.2 | 60.6 | 53.7 | 52.6 | 53.7 |
| 50° | 153.2 | 139.5 | 107.5 | 82.3 | 67.5 | 59.5 | 59.5 | 48.0 | 43.5 | 41.2 | 42.3 |
| 52.5° | 145.2 | 130.4 | 97.2 | 73.2 | 58.3 | 48.0 | 42.3 | 38.9 | 35.5 | 34.3 | 35.5 |
| 55° | 133.8 | 118.9 | 86.9 | 62.9 | 50.3 | 40.0 | 33.2 | 32.0 | 29.7 | 27.4 | 29.7 |
| 57.5° | 120.1 | 106.4 | 76.6 | 53.7 | 40.0 | 30.9 | 27.4 | 26.3 | 24.0 | 22.9 | 22.9 |
| 59° | 112.1 | 99.5 | 70.9 | 46.9 | 35.5 | 27.4 | 25.2 | 24.0 | 21.7 | 19.4 | 20.6 |
| 60° | 107.5 | 97.2 | 67.5 | 43.5 | 32.0 | 25.2 | 22.9 | 21.7 | 19.4 | 18.3 | 19.4 |
| 62.5° | 94.9 | 86.9 | 59.5 | 35.5 | 25.2 | 18.3 | 16.0 | 17.2 | 16.0 | 14.9 | 16.0 |
| 65° | 83.5 | 76.6 | 50.3 | 27.4 | 19.4 | 12.6 | 11.4 | 14.9 | 13.7 | 12.6 | 13.7 |
| 67.5° | 74.3 | 66.3 | 42.3 | 20.6 | 13.7 | 6.9 | 8.0 | 12.6 | 12.6 | 11.4 | 12.6 |
| 70° | 64.0 | 57.2 | 34.3 | 14.9 | 6.9 | 3.4 | 5.7 | 9.1 | 11.4 | 10.3 | 11.4 |
| 72.5° | 52.6 | 44.6 | 26.3 | 10.3 | 3.4 | 0.0 | 3.4 | 8.0 | 11.4 | 10.3 | 11.4 |
| 75° | 41.2 | 33.2 | 19.4 | 5.7 | 0.0 | 0.0 | 1.1 | 6.9 | 11.4 | 10.3 | 11.4 |
| 77.5° | 29.7 | 24.0 | 11.4 | 1.1 | 0.0 | 0.0 | 1.1 | 6.9 | 11.4 | 10.3 | 11.4 |
| 80° | 19.4 | 17.2 | 4.6 | 0.0 | 0.0 | 0.0 | 1.1 | 6.9 | 11.4 | 11.4 | 12.6 |
| 82.5° | 12.6 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 9.1 | 12.6 | 13.7 | 13.7 |
| 85° | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 11.4 | 14.9 | 14.9 | 14.9 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 8.0 | 13.7 | 17.2 | 17.2 | 17.2 |
| 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: P454119

CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 |
| 2.5° | 4089.4 | 4161.5 | 4263.2 | 4419.9 | 4546.8 | 4747.0 | 4900.2 | 5109.5 | 5321.0 | 5385.1 | 5484.6 |
| 5° | 3009.9 | 3102.5 | 3333.5 | 3543.9 | 3676.6 | 4099.7 | 4367.3 | 4789.3 | 5167.8 | 5349.6 | 5547.5 |
| 7.5° | 2090.5 | 2200.2 | 2376.3 | 2670.2 | 2949.3 | 3293.5 | 3725.8 | 4208.4 | 4763.0 | 5022.6 | 5301.6 |
| 10° | 1467.2 | 1604.4 | 1852.6 | 2093.9 | 2445.0 | 2772.0 | 3198.6 | 3731.5 | 4343.3 | 4649.8 | 4999.7 |
| 12.5° | 926.3 | 1048.7 | 1376.9 | 1647.9 | 2085.9 | 2465.5 | 2858.9 | 3341.5 | 4050.5 | 4365.0 | 4732.1 |
| 15° | 529.5 | 632.4 | 785.6 | 1133.3 | 1619.3 | 2121.3 | 2611.9 | 3172.3 | 3900.7 | 4288.4 | 4685.2 |
| 17.5° | 394.5 | 422.0 | 490.6 | 687.3 | 1129.9 | 1716.5 | 2384.4 | 3120.8 | 4002.5 | 4457.6 | 4910.5 |
| 20° | 331.6 | 349.9 | 382.0 | 459.7 | 720.5 | 1322.0 | 2162.5 | 3130.0 | 4331.9 | 4903.6 | 5333.6 |
| 22.5° | 297.3 | 308.8 | 335.1 | 385.4 | 491.7 | 962.9 | 1902.9 | 3183.7 | 4731.0 | 5451.4 | 5947.7 |
| 25° | 260.7 | 275.6 | 298.5 | 341.9 | 409.4 | 667.8 | 1646.7 | 3303.8 | 5290.2 | 6146.7 | 6613.3 |
| 27.5° | 232.1 | 245.9 | 268.7 | 308.8 | 359.1 | 510.0 | 1348.3 | 3406.7 | 5880.3 | 6846.6 | 7228.5 |
| 30° | 203.6 | 217.3 | 240.2 | 272.2 | 317.9 | 412.8 | 1026.9 | 3467.3 | 6453.2 | 7371.5 | 7665.4 |
| 32.5° | 179.5 | 191.0 | 212.7 | 241.3 | 279.0 | 349.9 | 809.6 | 3404.4 | 6891.2 | 7848.3 | 8045.0 |
| 35° | 155.5 | 169.2 | 187.5 | 213.8 | 247.0 | 298.5 | 673.6 | 3187.1 | 7267.4 | 8338.9 | 8409.8 |
| 37.5° | 130.4 | 146.4 | 165.8 | 189.8 | 216.1 | 274.5 | 540.9 | 2947.0 | 7669.9 | 8950.7 | 8834.1 |
| 40° | 109.8 | 124.6 | 142.9 | 169.2 | 193.3 | 251.6 | 416.3 | 2690.8 | 8104.5 | 9524.8 | 9297.3 |
| 42.5° | 89.2 | 105.2 | 126.9 | 151.0 | 191.0 | 219.6 | 322.5 | 2425.5 | 8494.5 | 10024.6 | 9715.8 |
| 45° | 70.9 | 84.6 | 107.5 | 138.4 | 189.8 | 188.7 | 249.3 | 2163.6 | 8788.4 | 10381.4 | 10028.0 |
| 47.5° | 56.0 | 67.5 | 90.3 | 134.9 | 175.0 | 160.1 | 200.1 | 2001.3 | 9097.1 | 10702.7 | 10267.0 |
| 50° | 44.6 | 56.0 | 77.8 | 140.7 | 153.2 | 137.2 | 168.1 | 2027.6 | 9395.6 | 10866.2 | 10365.3 |
| 52.5° | 37.7 | 49.2 | 67.5 | 110.9 | 117.8 | 120.1 | 147.5 | 2148.8 | 9781.0 | 11041.2 | 10560.9 |
| 55° | 33.2 | 43.5 | 57.2 | 77.8 | 91.5 | 107.5 | 134.9 | 2236.8 | 10296.7 | 11416.3 | 10992.0 |
| 57.5° | 26.3 | 37.7 | 51.5 | 66.3 | 75.5 | 93.8 | 124.6 | 2243.7 | 10763.3 | 11897.7 | 11565.0 |
| 59° | 24.0 | 34.3 | 48.0 | 62.9 | 67.5 | 84.6 | 117.8 | 2185.4 | 10780.5 | 11969.8 | 11828.0 |
| 60° | 21.7 | 33.2 | 45.7 | 58.3 | 64.0 | 80.1 | 112.1 | 2117.9 | 10624.9 | 11855.4 | 11936.6 |
| 62.5° | 18.3 | 28.6 | 40.0 | 46.9 | 54.9 | 66.3 | 97.2 | 1873.2 | 9871.3 | 11337.4 | 11735.3 |
| 65° | 16.0 | 25.2 | 34.3 | 38.9 | 45.7 | 57.2 | 85.8 | 1499.2 | 9038.8 | 10635.2 | 11159.0 |
| 67.5° | 14.9 | 22.9 | 29.7 | 33.2 | 40.0 | 52.6 | 76.6 | 1058.9 | 7960.4 | 9744.4 | 10293.3 |
| 70° | 13.7 | 21.7 | 26.3 | 30.9 | 35.5 | 44.6 | 65.2 | 617.5 | 6131.8 | 8182.3 | 8762.1 |
| 72.5° | 13.7 | 20.6 | 22.9 | 26.3 | 30.9 | 40.0 | 60.6 | 333.9 | 4192.3 | 6241.6 | 6990.7 |
| 75° | 13.7 | 19.4 | 20.6 | 22.9 | 27.4 | 36.6 | 53.7 | 175.0 | 2710.3 | 4336.4 | 5351.9 |
| 77.5° | 13.7 | 18.3 | 20.6 | 21.7 | 26.3 | 32.0 | 46.9 | 109.8 | 1805.7 | 3037.3 | 3617.1 |
| 80° | 14.9 | 18.3 | 19.4 | 21.7 | 25.2 | 29.7 | 38.9 | 73.2 | 1061.2 | 1827.4 | 2201.4 |
| 82.5° | 16.0 | 18.3 | 20.6 | 22.9 | 26.3 | 28.6 | 34.3 | 45.7 | 489.4 | 1208.8 | 1367.7 |
| 85° | 17.2 | 19.4 | 21.7 | 24.0 | 27.4 | 28.6 | 32.0 | 33.2 | 80.1 | 545.5 | 737.6 |
| 87.5° | 18.3 | 20.6 | 22.9 | 25.2 | 29.7 | 29.7 | 29.7 | 29.7 | 27.4 | 58.3 | 148.7 |
| 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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CATALOG NUMBER: GALN-SA5B-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 | 4972.3 |
| 2.5° | 5610.4 | 5739.6 | 5829.9 | 5852.8 | 5787.6 | 5757.9 | 5675.6 | 5547.5 | 5469.7 | 5466.3 |
| 5° | 5912.3 | 6215.3 | 6425.7 | 6461.2 | 6335.4 | 6122.7 | 5870.0 | 5544.0 | 5353.1 | 5295.9 |
| 7.5° | 5860.8 | 6391.4 | 6729.9 | 6779.1 | 6567.5 | 6161.6 | 5672.1 | 5147.2 | 4939.1 | 4851.0 |
| 10° | 5649.3 | 6296.5 | 6780.2 | 6858.0 | 6575.5 | 6003.8 | 5381.7 | 4796.1 | 4537.7 | 4470.2 |
| 12.5° | 5468.6 | 6122.7 | 6552.7 | 6660.2 | 6446.3 | 5875.7 | 5207.8 | 4570.9 | 4294.1 | 4231.2 |
| 15° | 5389.7 | 5916.8 | 6179.9 | 6234.8 | 6199.3 | 5795.6 | 5189.5 | 4536.6 | 4219.8 | 4151.2 |
| 17.5° | 5468.6 | 5741.9 | 5775.0 | 5831.1 | 5910.0 | 5787.6 | 5365.6 | 4723.0 | 4381.0 | 4296.4 |
| 20° | 5675.6 | 5589.8 | 5452.6 | 5476.6 | 5657.3 | 5820.8 | 5679.0 | 5135.8 | 4719.5 | 4629.2 |
| 22.5° | 6027.8 | 5552.0 | 5241.0 | 5220.4 | 5449.1 | 5931.7 | 6138.7 | 5695.0 | 5212.4 | 5123.2 |
| 25° | 6460.0 | 5647.0 | 5163.2 | 5118.6 | 5367.9 | 6094.1 | 6638.4 | 6380.0 | 5852.8 | 5716.7 |
| 27.5° | 6931.2 | 5843.7 | 5163.2 | 5119.8 | 5361.1 | 6238.2 | 7066.1 | 6986.1 | 6516.1 | 6367.4 |
| 30° | 7189.6 | 6006.0 | 5237.6 | 5188.4 | 5445.7 | 6321.7 | 7294.9 | 7524.7 | 7014.7 | 6830.6 |
| 32.5° | 7420.6 | 6231.3 | 5382.8 | 5290.2 | 5623.0 | 6445.2 | 7499.6 | 7982.1 | 7411.5 | 7288.0 |
| 35° | 7633.4 | 6472.6 | 5582.9 | 5475.4 | 5856.2 | 6614.4 | 7726.0 | 8462.4 | 7963.8 | 7777.4 |
| 37.5° | 7867.8 | 6752.8 | 5895.1 | 5803.6 | 6246.2 | 6943.8 | 7994.7 | 9093.7 | 8507.0 | 8272.6 |
| 40° | 8122.8 | 7077.6 | 6408.6 | 6369.7 | 6866.0 | 7316.6 | 8334.4 | 9767.3 | 9126.9 | 8860.4 |
| 42.5° | 8382.4 | 7451.5 | 7037.6 | 7101.6 | 7568.2 | 7839.2 | 8683.2 | 10285.3 | 9634.6 | 9340.7 |
| 45° | 8618.0 | 7929.5 | 7855.2 | 8172.0 | 8387.0 | 8349.2 | 8941.6 | 10650.1 | 10077.2 | 9795.8 |
| 47.5° | 8915.3 | 8626.0 | 8844.4 | 9332.7 | 9338.4 | 8903.9 | 9137.2 | 10948.6 | 10458.0 | 10176.7 |
| 50° | 9248.1 | 9448.2 | 10121.8 | 10619.2 | 10485.4 | 9449.3 | 9365.9 | 11301.9 | 10851.4 | 10626.1 |
| 52.5° | 9633.5 | 10368.8 | 11301.9 | 11854.3 | 11542.1 | 10044.0 | 9746.7 | 11683.9 | 11475.8 | 11259.6 |
| 55° | 10081.7 | 10996.6 | 12478.7 | 12918.9 | 12604.5 | 10782.8 | 10325.3 | 12201.9 | 12181.3 | 12033.8 |
| 57.5° | 10588.3 | 11659.9 | 13160.2 | 13756.0 | 13475.9 | 11649.6 | 11133.8 | 12690.2 | 12612.5 | 12530.1 |
| 59° | 10988.6 | 12000.7 | 13461.0 | 14078.5 | 13909.3 | 12256.8 | 11677.0 | 12994.4 | 12712.0 | 12588.5 |
| 60° | 11231.0 | 12231.7 | 13571.9 | 14122.0 | 14083.1 | 12618.2 | 12021.2 | 13143.1 | 12710.8 | 12539.3 |
| 62.5° | 11950.3 | 12635.3 | 13529.6 | 13928.7 | 14080.8 | 13311.2 | 13031.0 | 13306.6 | 12475.2 | 12223.7 |
| 65° | 12206.5 | 12501.5 | 12828.6 | 12779.4 | 12909.8 | 13275.7 | 13676.0 | 13127.1 | 11972.1 | 11614.1 |
| 67.5° | 11707.9 | 11034.3 | 11149.8 | 10821.6 | 10757.6 | 11802.8 | 13414.1 | 12248.8 | 10987.5 | 10549.5 |
| 70° | 9869.0 | 8453.3 | 8395.0 | 8545.9 | 8132.0 | 9555.7 | 12045.3 | 10557.5 | 9362.4 | 8866.1 |
| 72.5° | 7768.3 | 5974.0 | 5482.3 | 6038.1 | 6025.5 | 7290.3 | 10006.3 | 7491.5 | 6325.1 | 6282.8 |
| 75° | 6109.0 | 4159.2 | 3650.3 | 3740.6 | 3914.5 | 5277.6 | 7969.6 | 4757.3 | 3895.0 | 3549.7 |
| 77.5° | 4100.9 | 2947.0 | 2749.2 | 2638.2 | 2825.8 | 3388.4 | 5042.0 | 2579.9 | 2184.2 | 2068.7 |
| 80° | 2363.8 | 2140.8 | 2431.2 | 2207.1 | 2307.7 | 2135.1 | 2507.9 | 1183.6 | 982.3 | 1063.5 |
| 82.5° | 1538.1 | 1219.0 | 1299.1 | 965.2 | 1319.7 | 1331.1 | 805.1 | 349.9 | 296.2 | 314.5 |
| 85° | 961.7 | 571.8 | 321.3 | 228.7 | 455.1 | 837.1 | 251.6 | 21.7 | 25.2 | 21.7 |
| 87.5° | 249.3 | 94.9 | 40.0 | 59.5 | 73.2 | 65.2 | 58.3 | 3.4 | 1.1 | 2.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)