

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P588566

Luminaire Tested: **GAT-CA6-LED-100-727-U-33-5-X-X-GHSS**

Issue Date: 11/30/2021

Test Information

Test Method: LM-79-08
Report Number: P588566
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2109-372-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 11/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GAT-CA6-LED-100-727-U-33-5-X-X-GHSS
Description: GENERATIONS SERIES AVENUE WITH NO CAGE, TYPE III REFRACTOR AND HOUSE SIDE SHIELD
Light Source: (3) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6432 lumens
Efficiency: N/A
Efficacy: 123.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 1.08')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B1 - U3 - G5

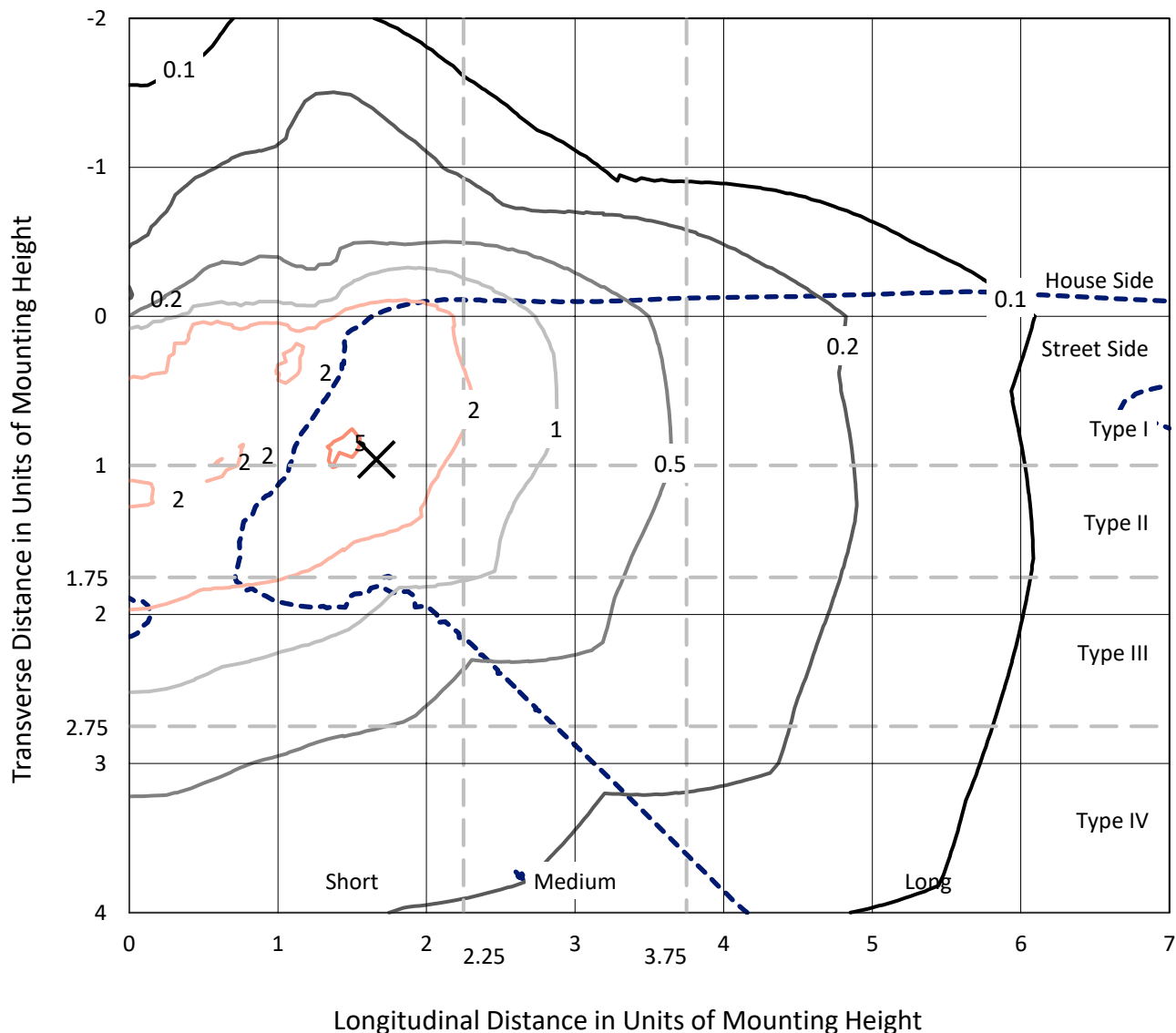
Input Watts (W): 52.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P588566
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - Non-Cutoff

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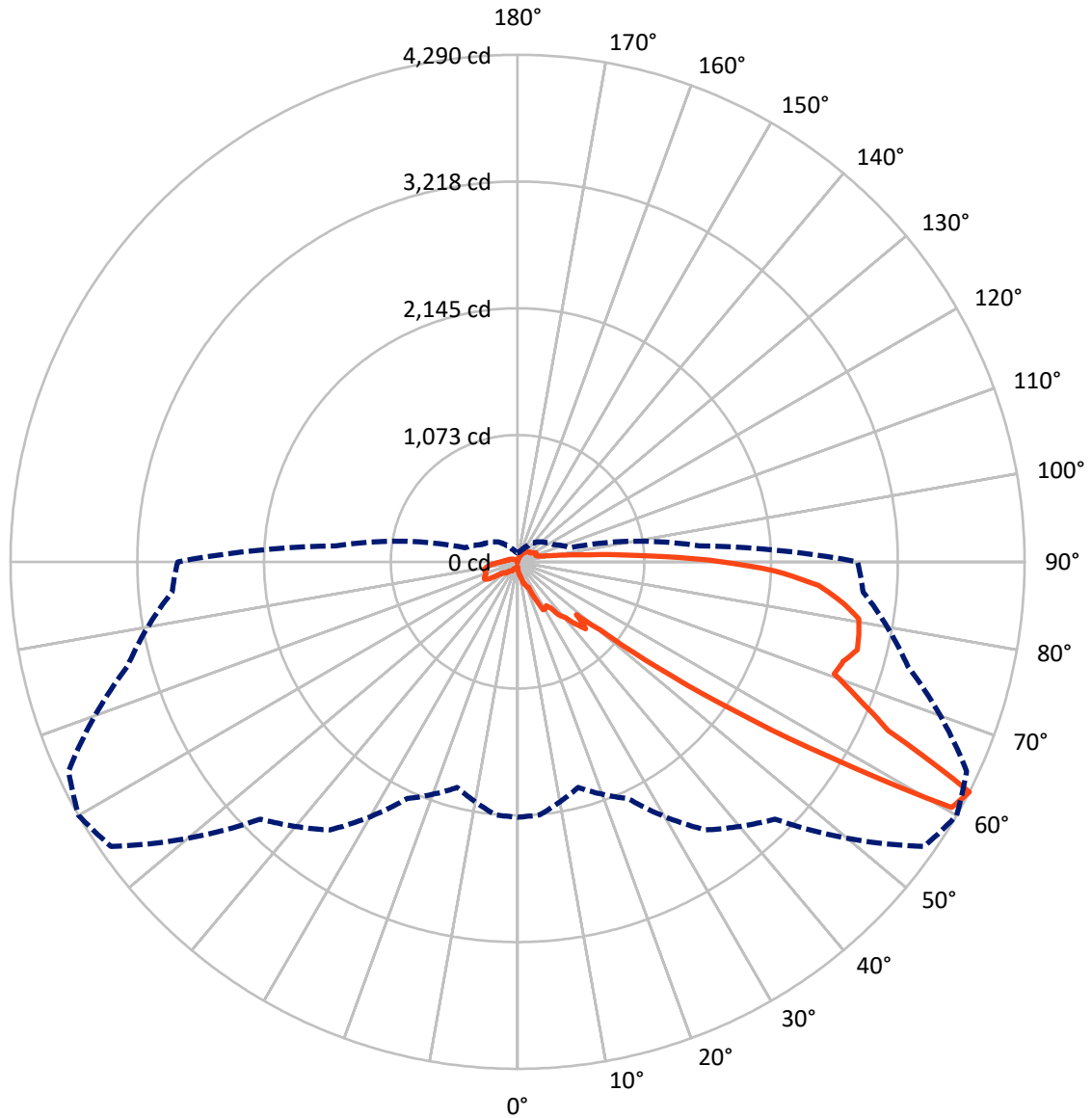
Scaled Data Report



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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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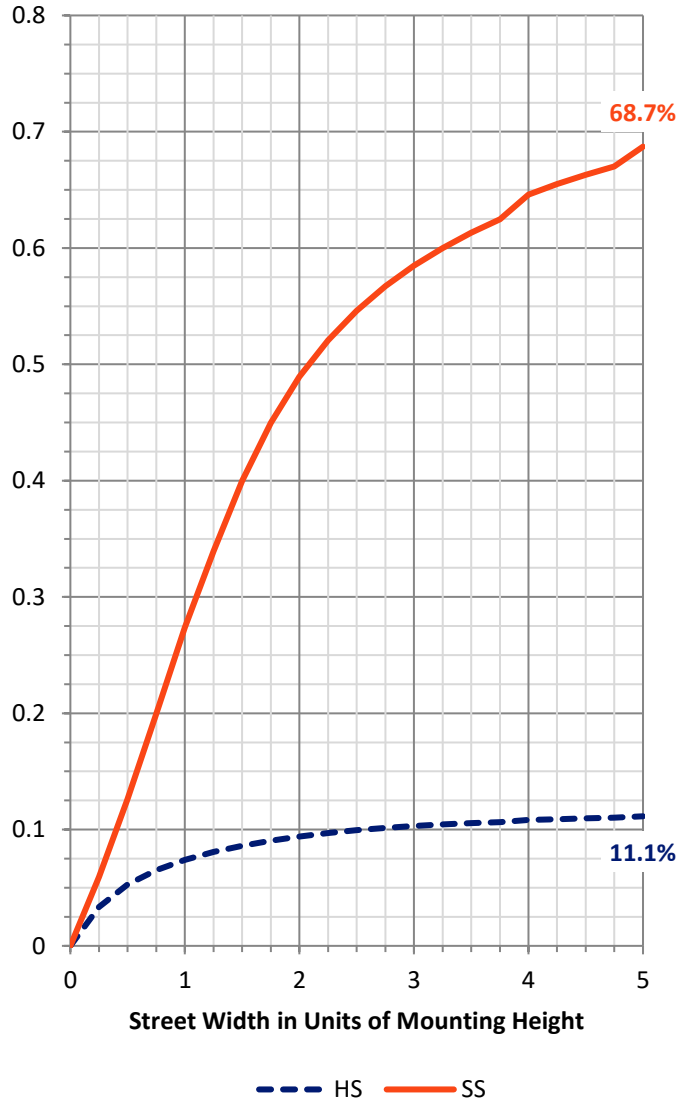
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 754.6 | 150.4 | 905.0 |
| | % Fixture | 11.7 | 2.3 | 14.1 |
| Street Side | Lumens | 4913.1 | 613.9 | 5527.0 |
| | % Fixture | 76.4 | 9.5 | 85.9 |
| Total | Lumens | 5667.7 | 764.4 | 6432.0 |
| | % Fixture | 88.1 | 11.9 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 6.7 | 0.1 |
| 10°-20° | 30.9 | 0.5 |
| 20°-30° | 92.0 | 1.4 |
| 30°-40° | 184.8 | 2.9 |
| 40°-50° | 325.2 | 5.1 |
| 50°-60° | 898.0 | 14.0 |
| 60°-70° | 1552.6 | 24.1 |
| 70°-80° | 1441.1 | 22.4 |
| 80°-90° | 1136.4 | 17.7 |
| 90°-100° | 360.6 | 5.6 |
| 100°-110° | 128.6 | 2.0 |
| 110°-120° | 105.7 | 1.6 |
| 120°-130° | 69.5 | 1.1 |
| 130°-140° | 49.5 | 0.8 |
| 140°-150° | 32.0 | 0.5 |
| 150°-160° | 14.7 | 0.2 |
| 160°-170° | 3.6 | 0.1 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 5667.7 | 88.1 |
| 0°-180° | 6432.0 | 100.0 |

Coefficient of Utilization



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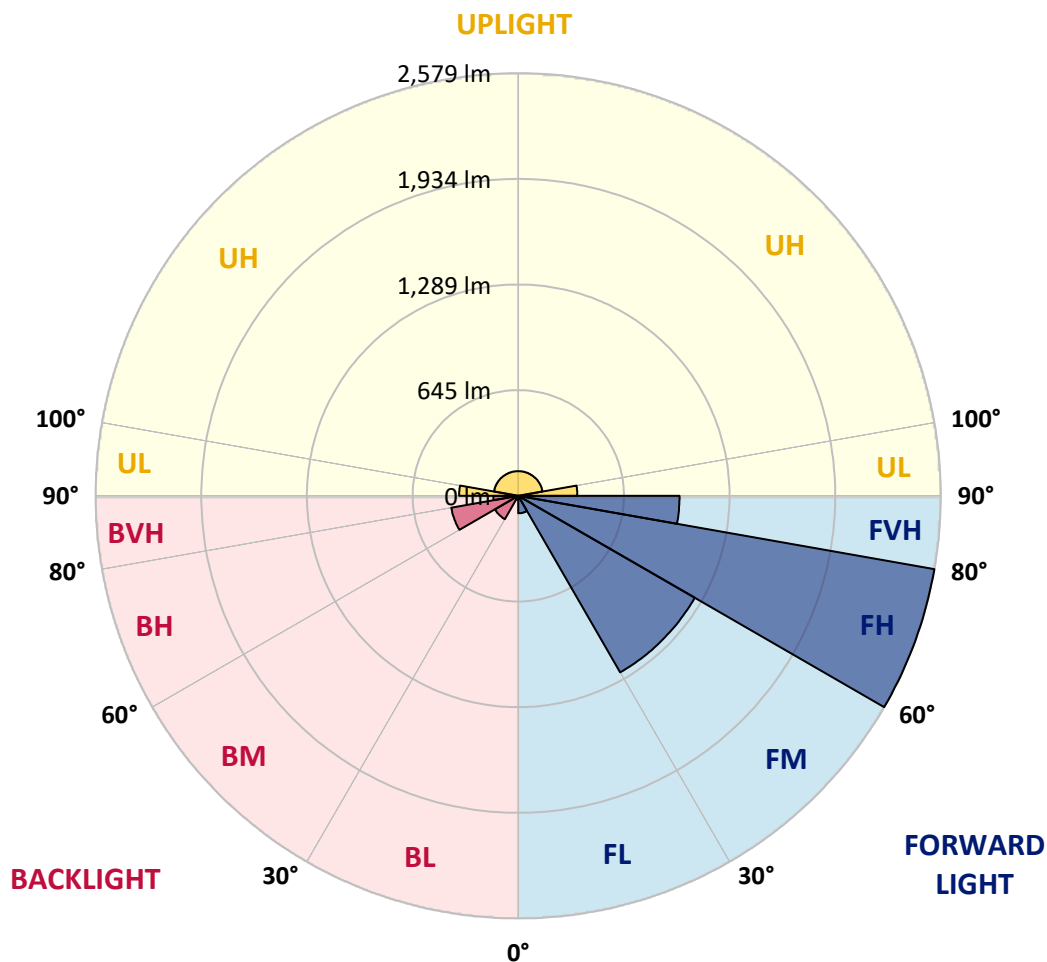
CATALOG NUMBER: GAT-CA6-LED-100-727-U-33-5-X-X-GHSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 106.8 | 1.7 | | | |
| FM (30°-60°) | 1243.7 | 19.3 | | | |
| FH (60°-80°) | 2578.7 | 40.1 | | | G2/5000 |
| FVH (80°-90°) | 984.0 | 15.3 | | | G5 |
| BL (0°-30°) | 22.8 | 0.4 | B0/110 | | |
| BM (30°-60°) | 164.3 | 2.6 | B0/220 | | |
| BH (60°-80°) | 415.0 | 6.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 152.4 | 2.4 | | | G2/225 |
| UL (90°-100°) | 360.6 | 5.6 | | U3/500 | |
| UH (100°-180°) | 150.4 | 2.3 | | U3/500 | |

BUG Rating: B1-U3-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| 2.5° | 76.2 | 74.2 | 75.2 | 75.2 | 76.2 | 72.3 | 68.3 | 65.3 | 62.4 | 58.4 | 53.5 |
| 5° | 108.9 | 106.9 | 103.9 | 102.9 | 101.0 | 97.0 | 91.1 | 89.1 | 83.1 | 75.2 | 65.3 |
| 7.5° | 132.6 | 131.7 | 130.7 | 127.7 | 125.7 | 119.8 | 112.8 | 109.9 | 102.9 | 92.1 | 80.2 |
| 10° | 150.5 | 150.5 | 151.4 | 146.5 | 137.6 | 132.6 | 126.7 | 124.7 | 119.8 | 104.9 | 90.1 |
| 12.5° | 165.3 | 163.3 | 155.4 | 151.4 | 147.5 | 148.5 | 149.5 | 148.5 | 146.5 | 121.8 | 101.0 |
| 15° | 179.2 | 177.2 | 171.2 | 166.3 | 163.3 | 173.2 | 195.0 | 193.0 | 192.0 | 153.4 | 117.8 |
| 17.5° | 189.1 | 189.1 | 195.0 | 199.0 | 203.9 | 189.1 | 185.1 | 191.0 | 198.0 | 169.3 | 133.6 |
| 20° | 217.8 | 213.8 | 208.9 | 204.9 | 229.6 | 218.8 | 222.7 | 229.6 | 234.6 | 189.1 | 146.5 |
| 22.5° | 204.9 | 205.9 | 227.7 | 235.6 | 223.7 | 217.8 | 231.6 | 234.6 | 235.6 | 216.8 | 152.4 |
| 25° | 280.1 | 267.3 | 259.3 | 284.1 | 282.1 | 325.7 | 338.5 | 347.4 | 347.4 | 294.0 | 212.8 |
| 27.5° | 387.0 | 387.0 | 420.7 | 486.0 | 475.1 | 476.1 | 461.3 | 460.3 | 479.1 | 496.9 | 323.7 |
| 30° | 419.7 | 430.6 | 524.6 | 557.3 | 592.9 | 548.4 | 499.9 | 462.3 | 470.2 | 566.2 | 377.1 |
| 32.5° | 429.6 | 439.5 | 553.3 | 517.7 | 530.6 | 512.7 | 519.7 | 443.5 | 424.6 | 521.7 | 367.2 |
| 35° | 375.2 | 389.0 | 482.1 | 436.5 | 411.8 | 465.2 | 529.6 | 475.1 | 466.2 | 428.6 | 332.6 |
| 37.5° | 500.9 | 507.8 | 540.5 | 533.5 | 541.4 | 544.4 | 621.6 | 572.1 | 582.0 | 517.7 | 420.7 |
| 40° | 575.1 | 567.2 | 694.9 | 725.6 | 713.7 | 702.8 | 695.9 | 619.6 | 631.5 | 599.9 | 569.2 |
| 42.5° | 706.8 | 697.8 | 787.9 | 806.7 | 809.7 | 781.0 | 813.7 | 717.6 | 687.9 | 622.6 | 708.7 |
| 45° | 715.7 | 720.6 | 805.7 | 757.2 | 807.7 | 860.2 | 919.6 | 808.7 | 755.3 | 645.4 | 823.6 |
| 47.5° | 633.5 | 655.3 | 842.4 | 799.8 | 750.3 | 703.8 | 726.6 | 670.1 | 626.6 | 510.8 | 791.9 |
| 50° | 646.4 | 655.3 | 775.1 | 724.6 | 602.8 | 746.3 | 946.3 | 905.7 | 858.2 | 633.5 | 763.2 |
| 52.5° | 914.6 | 910.7 | 963.1 | 966.1 | 996.8 | 1120.5 | 1515.5 | 1482.8 | 1490.7 | 1233.4 | 1136.4 |
| 55° | 1254.1 | 1252.2 | 1384.8 | 1596.6 | 1771.8 | 1832.2 | 2347.9 | 2219.3 | 2160.8 | 1911.4 | 2006.4 |
| 57.5° | 1621.4 | 1638.2 | 1696.6 | 1993.6 | 2293.5 | 2371.7 | 3179.4 | 3113.1 | 2984.4 | 2493.4 | 2746.8 |
| 60° | 2008.4 | 1998.5 | 1912.4 | 2107.4 | 2587.5 | 2977.5 | 4189.1 | 4220.7 | 3964.4 | 3138.8 | 2998.3 |
| 62.5° | 2160.8 | 2148.0 | 1976.7 | 2209.4 | 2768.6 | 3078.4 | 4199.0 | 4290.0 | 4192.0 | 3418.0 | 2934.9 |
| 65° | 2135.1 | 2105.4 | 1877.8 | 2060.9 | 2337.0 | 2619.2 | 3748.6 | 3446.7 | 3607.0 | 3495.2 | 2774.6 |
| 67.5° | 2034.1 | 2027.2 | 1815.4 | 1916.4 | 2096.5 | 2133.1 | 3423.9 | 3119.0 | 3176.4 | 3564.5 | 2822.1 |
| 70° | 1907.4 | 1905.5 | 1745.1 | 1821.3 | 2077.7 | 2040.1 | 3169.5 | 2841.9 | 2808.2 | 3190.3 | 2833.9 |
| 72.5° | 1911.4 | 1909.4 | 1732.2 | 1758.0 | 2033.2 | 1971.8 | 3142.8 | 2881.5 | 2820.1 | 3006.2 | 2697.3 |
| 75° | 1944.1 | 1946.1 | 1758.0 | 1786.7 | 2095.5 | 1985.6 | 3206.1 | 2969.6 | 2907.2 | 2988.4 | 2588.5 |
| 77.5° | 1912.4 | 1928.2 | 1743.1 | 1807.5 | 2135.1 | 1983.7 | 3176.4 | 2952.7 | 2864.6 | 2841.9 | 2380.6 |
| 80° | 1806.5 | 1828.3 | 1662.0 | 1736.2 | 2099.5 | 2010.4 | 3151.7 | 2927.0 | 2815.1 | 2690.4 | 2231.1 |
| 82.5° | 1584.8 | 1607.5 | 1479.8 | 1548.1 | 1953.0 | 1900.5 | 2978.5 | 2760.7 | 2660.7 | 2443.0 | 2036.1 |
| 85° | 1362.0 | 1414.5 | 1352.1 | 1362.0 | 1724.3 | 1740.2 | 2744.9 | 2552.8 | 2483.5 | 2293.5 | 1969.8 |
| 87.5° | 1124.5 | 1170.0 | 1111.6 | 1041.3 | 1291.8 | 1382.8 | 2269.7 | 2174.7 | 2155.9 | 2024.2 | 1709.5 |
| 90° | 832.5 | 874.0 | 839.4 | 747.3 | 875.0 | 932.4 | 1672.9 | 1620.4 | 1661.0 | 1510.5 | 1175.0 |
| 92.5° | 603.8 | 610.7 | 570.2 | 493.9 | 583.0 | 610.7 | 1096.8 | 1016.6 | 1064.1 | 925.5 | 688.9 |
| 95° | 403.9 | 420.7 | 389.0 | 356.3 | 422.7 | 425.6 | 676.1 | 616.7 | 590.9 | 531.6 | 411.8 |
| 97.5° | 296.0 | 297.0 | 285.1 | 255.4 | 297.0 | 300.9 | 449.4 | 404.8 | 382.1 | 357.3 | 285.1 |
| 100° | 234.6 | 234.6 | 216.8 | 198.0 | 206.9 | 214.8 | 312.8 | 282.1 | 270.2 | 259.3 | 214.8 |
| 102.5° | 204.9 | 203.9 | 189.1 | 170.3 | 169.3 | 173.2 | 236.6 | 215.8 | 206.9 | 200.0 | 169.3 |
| 105° | 194.0 | 193.0 | 178.2 | 158.4 | 153.4 | 150.5 | 197.0 | 183.1 | 177.2 | 171.2 | 152.4 |
| 107.5° | 192.0 | 190.1 | 175.2 | 157.4 | 149.5 | 141.5 | 177.2 | 165.3 | 166.3 | 160.4 | 146.5 |
| 110° | 194.0 | 194.0 | 181.1 | 170.3 | 157.4 | 146.5 | 178.2 | 165.3 | 169.3 | 167.3 | 152.4 |

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CATALOG NUMBER: GAT-CA6-LED-100-727-U-33-5-X-X-GHSS

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 65° | 75° | 85° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.1 | 194.0 | 189.1 | 182.1 | 168.3 | 159.4 | 186.1 | 171.2 | 176.2 | 176.2 | 157.4 |
| 115° | 178.2 | 183.1 | 183.1 | 176.2 | 163.3 | 160.4 | 184.1 | 171.2 | 173.2 | 170.3 | 146.5 |
| 117.5° | 163.3 | 166.3 | 164.3 | 156.4 | 145.5 | 143.5 | 171.2 | 165.3 | 165.3 | 156.4 | 136.6 |
| 120° | 152.4 | 146.5 | 138.6 | 132.6 | 126.7 | 131.7 | 154.4 | 148.5 | 143.5 | 139.6 | 124.7 |
| 122.5° | 136.6 | 129.7 | 120.8 | 117.8 | 113.8 | 120.8 | 140.6 | 135.6 | 130.7 | 128.7 | 117.8 |
| 125° | 112.8 | 112.8 | 108.9 | 106.9 | 105.9 | 115.8 | 138.6 | 133.6 | 126.7 | 122.7 | 109.9 |
| 127.5° | 108.9 | 108.9 | 105.9 | 103.9 | 104.9 | 116.8 | 135.6 | 130.7 | 122.7 | 117.8 | 105.9 |
| 130° | 109.9 | 107.9 | 103.9 | 101.0 | 102.0 | 115.8 | 134.6 | 128.7 | 120.8 | 116.8 | 105.9 |
| 132.5° | 103.9 | 102.0 | 99.0 | 97.0 | 96.0 | 109.9 | 127.7 | 124.7 | 118.8 | 109.9 | 98.0 |
| 135° | 101.0 | 99.0 | 97.0 | 96.0 | 96.0 | 106.9 | 121.8 | 118.8 | 112.8 | 102.9 | 90.1 |
| 137.5° | 100.0 | 98.0 | 94.0 | 93.0 | 92.1 | 102.0 | 113.8 | 111.9 | 105.9 | 97.0 | 86.1 |
| 140° | 95.0 | 92.1 | 89.1 | 88.1 | 88.1 | 96.0 | 107.9 | 105.9 | 100.0 | 93.0 | 83.1 |
| 142.5° | 88.1 | 86.1 | 83.1 | 83.1 | 84.1 | 92.1 | 104.9 | 103.9 | 97.0 | 89.1 | 80.2 |
| 145° | 84.1 | 82.2 | 80.2 | 81.2 | 82.2 | 89.1 | 99.0 | 98.0 | 93.0 | 86.1 | 77.2 |
| 147.5° | 77.2 | 76.2 | 74.2 | 73.2 | 75.2 | 81.2 | 92.1 | 92.1 | 89.1 | 80.2 | 71.3 |
| 150° | 67.3 | 66.3 | 64.3 | 63.4 | 65.3 | 71.3 | 80.2 | 80.2 | 77.2 | 68.3 | 60.4 |
| 152.5° | 56.4 | 55.4 | 55.4 | 56.4 | 58.4 | 61.4 | 69.3 | 70.3 | 67.3 | 58.4 | 51.5 |
| 155° | 49.5 | 48.5 | 48.5 | 49.5 | 52.5 | 55.4 | 60.4 | 60.4 | 57.4 | 51.5 | 44.5 |
| 157.5° | 42.6 | 41.6 | 41.6 | 42.6 | 45.5 | 47.5 | 52.5 | 51.5 | 49.5 | 44.5 | 38.6 |
| 160° | 32.7 | 31.7 | 31.7 | 32.7 | 35.6 | 37.6 | 41.6 | 41.6 | 40.6 | 37.6 | 32.7 |
| 162.5° | 24.7 | 23.8 | 23.8 | 24.7 | 26.7 | 27.7 | 30.7 | 31.7 | 31.7 | 29.7 | 25.7 |
| 165° | 18.8 | 17.8 | 17.8 | 17.8 | 19.8 | 20.8 | 21.8 | 21.8 | 21.8 | 20.8 | 17.8 |
| 167.5° | 11.9 | 10.9 | 10.9 | 11.9 | 12.9 | 12.9 | 13.9 | 13.9 | 12.9 | 12.9 | 10.9 |
| 170° | 5.9 | 4.9 | 4.9 | 5.9 | 5.9 | 5.9 | 4.9 | 4.0 | 4.0 | 4.0 | 4.0 |
| 172.5° | 2.0 | 1.0 | 3.0 | 3.0 | 2.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 175° | 2.0 | 1.0 | 3.0 | 3.0 | 2.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 |
| 177.5° | 1.0 | 1.0 | 3.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |
| 180° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |



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CATALOG NUMBER: GAT-CA6-LED-100-727-U-33-5-X-X-GHSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| 2.5° | 51.5 | 50.5 | 46.5 | 40.6 | 34.6 | 28.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 |
| 5° | 61.4 | 57.4 | 49.5 | 40.6 | 32.7 | 24.7 | 20.8 | 18.8 | 17.8 | 18.8 | 19.8 |
| 7.5° | 74.2 | 69.3 | 59.4 | 48.5 | 38.6 | 30.7 | 25.7 | 20.8 | 17.8 | 17.8 | 18.8 |
| 10° | 83.1 | 77.2 | 65.3 | 53.5 | 43.6 | 34.6 | 28.7 | 23.8 | 20.8 | 18.8 | 18.8 |
| 12.5° | 93.0 | 85.1 | 69.3 | 56.4 | 45.5 | 37.6 | 31.7 | 26.7 | 23.8 | 21.8 | 21.8 |
| 15° | 103.9 | 95.0 | 76.2 | 59.4 | 48.5 | 39.6 | 34.6 | 29.7 | 25.7 | 23.8 | 23.8 |
| 17.5° | 121.8 | 106.9 | 80.2 | 62.4 | 50.5 | 41.6 | 35.6 | 30.7 | 26.7 | 24.7 | 24.7 |
| 20° | 129.7 | 112.8 | 81.2 | 65.3 | 53.5 | 43.6 | 36.6 | 30.7 | 27.7 | 25.7 | 25.7 |
| 22.5° | 129.7 | 111.9 | 83.1 | 67.3 | 56.4 | 45.5 | 37.6 | 31.7 | 27.7 | 25.7 | 25.7 |
| 25° | 163.3 | 122.7 | 85.1 | 72.3 | 59.4 | 47.5 | 39.6 | 32.7 | 28.7 | 26.7 | 26.7 |
| 27.5° | 228.7 | 160.4 | 98.0 | 77.2 | 63.4 | 50.5 | 41.6 | 34.6 | 29.7 | 27.7 | 27.7 |
| 30° | 251.4 | 179.2 | 111.9 | 90.1 | 69.3 | 53.5 | 43.6 | 36.6 | 31.7 | 28.7 | 28.7 |
| 32.5° | 256.4 | 176.2 | 119.8 | 99.0 | 79.2 | 58.4 | 45.5 | 38.6 | 32.7 | 29.7 | 29.7 |
| 35° | 231.6 | 163.3 | 119.8 | 102.9 | 85.1 | 65.3 | 50.5 | 40.6 | 33.7 | 30.7 | 29.7 |
| 37.5° | 270.2 | 176.2 | 122.7 | 103.9 | 88.1 | 70.3 | 56.4 | 43.6 | 35.6 | 31.7 | 31.7 |
| 40° | 349.4 | 208.9 | 137.6 | 109.9 | 89.1 | 73.2 | 62.4 | 48.5 | 38.6 | 33.7 | 33.7 |
| 42.5° | 408.8 | 235.6 | 153.4 | 124.7 | 97.0 | 77.2 | 64.3 | 52.5 | 42.6 | 36.6 | 35.6 |
| 45° | 459.3 | 261.3 | 167.3 | 138.6 | 110.9 | 86.1 | 68.3 | 56.4 | 46.5 | 40.6 | 39.6 |
| 47.5° | 468.2 | 274.2 | 178.2 | 152.4 | 121.8 | 95.0 | 74.2 | 60.4 | 51.5 | 44.5 | 43.6 |
| 50° | 452.4 | 275.2 | 182.1 | 161.3 | 133.6 | 104.9 | 81.2 | 65.3 | 55.4 | 48.5 | 48.5 |
| 52.5° | 646.4 | 343.5 | 200.0 | 166.3 | 137.6 | 112.8 | 90.1 | 71.3 | 59.4 | 53.5 | 53.5 |
| 55° | 1166.0 | 555.3 | 258.4 | 197.0 | 147.5 | 118.8 | 98.0 | 80.2 | 65.3 | 58.4 | 58.4 |
| 57.5° | 1884.7 | 867.1 | 341.5 | 263.3 | 190.1 | 137.6 | 106.9 | 89.1 | 73.2 | 63.4 | 63.4 |
| 60° | 2497.4 | 1223.5 | 415.7 | 320.7 | 249.4 | 189.1 | 129.7 | 101.0 | 82.2 | 70.3 | 69.3 |
| 62.5° | 2875.5 | 1544.2 | 459.3 | 342.5 | 285.1 | 239.5 | 174.2 | 126.7 | 93.0 | 80.2 | 78.2 |
| 65° | 2791.4 | 1704.5 | 478.1 | 340.5 | 283.1 | 255.4 | 207.9 | 157.4 | 111.9 | 92.1 | 89.1 |
| 67.5° | 2563.7 | 1705.5 | 475.1 | 325.7 | 268.3 | 242.5 | 206.9 | 170.3 | 129.7 | 103.9 | 100.0 |
| 70° | 2449.9 | 1675.8 | 460.3 | 314.8 | 256.4 | 226.7 | 192.0 | 156.4 | 127.7 | 110.9 | 108.9 |
| 72.5° | 2395.4 | 1656.0 | 451.4 | 312.8 | 254.4 | 220.7 | 182.1 | 139.6 | 114.8 | 105.9 | 107.9 |
| 75° | 2408.3 | 1667.9 | 455.3 | 315.8 | 258.4 | 223.7 | 178.2 | 129.7 | 101.0 | 91.1 | 93.0 |
| 77.5° | 2379.6 | 1644.1 | 461.3 | 314.8 | 256.4 | 218.8 | 166.3 | 118.8 | 92.1 | 82.2 | 81.2 |
| 80° | 2403.4 | 1592.7 | 447.4 | 304.9 | 241.5 | 199.0 | 147.5 | 105.9 | 84.1 | 77.2 | 76.2 |
| 82.5° | 2221.2 | 1386.8 | 397.9 | 278.1 | 218.8 | 171.2 | 123.7 | 93.0 | 79.2 | 71.3 | 71.3 |
| 85° | 2036.1 | 1124.5 | 341.5 | 244.5 | 180.2 | 134.6 | 99.0 | 81.2 | 69.3 | 63.4 | 63.4 |
| 87.5° | 1545.2 | 805.7 | 264.3 | 200.9 | 150.5 | 115.8 | 90.1 | 78.2 | 68.3 | 64.3 | 63.4 |
| 90° | 955.2 | 496.9 | 197.0 | 160.4 | 127.7 | 102.9 | 85.1 | 75.2 | 67.3 | 64.3 | 64.3 |
| 92.5° | 534.5 | 317.7 | 152.4 | 131.7 | 109.9 | 92.1 | 78.2 | 68.3 | 61.4 | 58.4 | 58.4 |
| 95° | 362.3 | 237.6 | 130.7 | 117.8 | 98.0 | 81.2 | 68.3 | 59.4 | 53.5 | 49.5 | 49.5 |
| 97.5° | 262.3 | 187.1 | 115.8 | 105.9 | 88.1 | 71.3 | 60.4 | 51.5 | 46.5 | 44.5 | 44.5 |
| 100° | 200.9 | 151.4 | 104.9 | 95.0 | 78.2 | 62.4 | 52.5 | 44.5 | 39.6 | 37.6 | 37.6 |
| 102.5° | 161.3 | 127.7 | 95.0 | 86.1 | 69.3 | 55.4 | 44.5 | 36.6 | 32.7 | 31.7 | 30.7 |
| 105° | 145.5 | 118.8 | 89.1 | 80.2 | 63.4 | 50.5 | 39.6 | 32.7 | 28.7 | 26.7 | 26.7 |
| 107.5° | 141.5 | 118.8 | 88.1 | 78.2 | 60.4 | 47.5 | 35.6 | 29.7 | 25.7 | 23.8 | 23.8 |
| 110° | 150.5 | 125.7 | 89.1 | 76.2 | 56.4 | 43.6 | 32.7 | 26.7 | 22.8 | 21.8 | 21.8 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P588566

CATALOG NUMBER: GAT-CA6-LED-100-727-U-33-5-X-X-GHSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|------|------|------|------|------|------|------|------|------|
| 112.5° | 155.4 | 126.7 | 85.1 | 71.3 | 52.5 | 39.6 | 30.7 | 24.7 | 21.8 | 19.8 | 19.8 |
| 115° | 142.5 | 113.8 | 78.2 | 63.4 | 46.5 | 35.6 | 28.7 | 23.8 | 19.8 | 17.8 | 17.8 |
| 117.5° | 137.6 | 106.9 | 76.2 | 55.4 | 42.6 | 32.7 | 26.7 | 21.8 | 18.8 | 16.8 | 16.8 |
| 120° | 137.6 | 103.9 | 67.3 | 48.5 | 38.6 | 29.7 | 24.7 | 19.8 | 16.8 | 15.8 | 15.8 |
| 122.5° | 132.6 | 96.0 | 59.4 | 42.6 | 33.7 | 25.7 | 21.8 | 17.8 | 15.8 | 13.9 | 13.9 |
| 125° | 120.8 | 89.1 | 48.5 | 38.6 | 30.7 | 23.8 | 19.8 | 16.8 | 13.9 | 12.9 | 12.9 |
| 127.5° | 113.8 | 88.1 | 45.5 | 35.6 | 27.7 | 21.8 | 17.8 | 14.8 | 11.9 | 10.9 | 10.9 |
| 130° | 112.8 | 88.1 | 42.6 | 31.7 | 24.7 | 18.8 | 15.8 | 12.9 | 10.9 | 9.9 | 9.9 |
| 132.5° | 101.0 | 80.2 | 40.6 | 29.7 | 22.8 | 17.8 | 14.8 | 11.9 | 9.9 | 8.9 | 8.9 |
| 135° | 91.1 | 74.2 | 39.6 | 27.7 | 20.8 | 15.8 | 12.9 | 10.9 | 7.9 | 7.9 | 7.9 |
| 137.5° | 84.1 | 68.3 | 39.6 | 25.7 | 18.8 | 13.9 | 11.9 | 9.9 | 6.9 | 6.9 | 6.9 |
| 140° | 79.2 | 63.4 | 38.6 | 24.7 | 16.8 | 12.9 | 10.9 | 7.9 | 5.9 | 5.9 | 5.9 |
| 142.5° | 74.2 | 59.4 | 35.6 | 23.8 | 15.8 | 10.9 | 9.9 | 7.9 | 5.9 | 4.9 | 4.9 |
| 145° | 68.3 | 54.4 | 31.7 | 21.8 | 14.8 | 9.9 | 8.9 | 6.9 | 4.9 | 4.0 | 4.0 |
| 147.5° | 62.4 | 48.5 | 27.7 | 18.8 | 13.9 | 8.9 | 7.9 | 5.9 | 4.0 | 4.0 | 4.0 |
| 150° | 53.5 | 41.6 | 24.7 | 16.8 | 11.9 | 7.9 | 6.9 | 4.9 | 4.0 | 3.0 | 3.0 |
| 152.5° | 43.6 | 35.6 | 21.8 | 14.8 | 10.9 | 6.9 | 5.9 | 4.0 | 3.0 | 2.0 | 2.0 |
| 155° | 38.6 | 31.7 | 19.8 | 12.9 | 8.9 | 5.9 | 4.9 | 3.0 | 3.0 | 2.0 | 2.0 |
| 157.5° | 33.7 | 27.7 | 17.8 | 10.9 | 6.9 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 |
| 160° | 27.7 | 23.8 | 14.8 | 8.9 | 5.9 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 |
| 162.5° | 21.8 | 17.8 | 10.9 | 6.9 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 |
| 165° | 14.8 | 12.9 | 7.9 | 4.9 | 3.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 |
| 167.5° | 9.9 | 7.9 | 4.9 | 3.0 | 2.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 170° | 4.0 | 4.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 172.5° | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 175° | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 177.5° | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 180° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

(END OF REPORT)