

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: STREETWORKS

Report Number: P200315

Luminaire Tested: **GAP-AF-01-LED-U-SLL-7050-600**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P200315  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24296)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAP-AF-01-LED-U-SLL-7050-600  
Description: GALLEON PEDESTRIAN LUMINAIRE  
(1) 70 CRI, 5000K, 615mA LIGHTSQUARE WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3681 lumens  
Efficiency: N/A  
Efficacy: 108.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

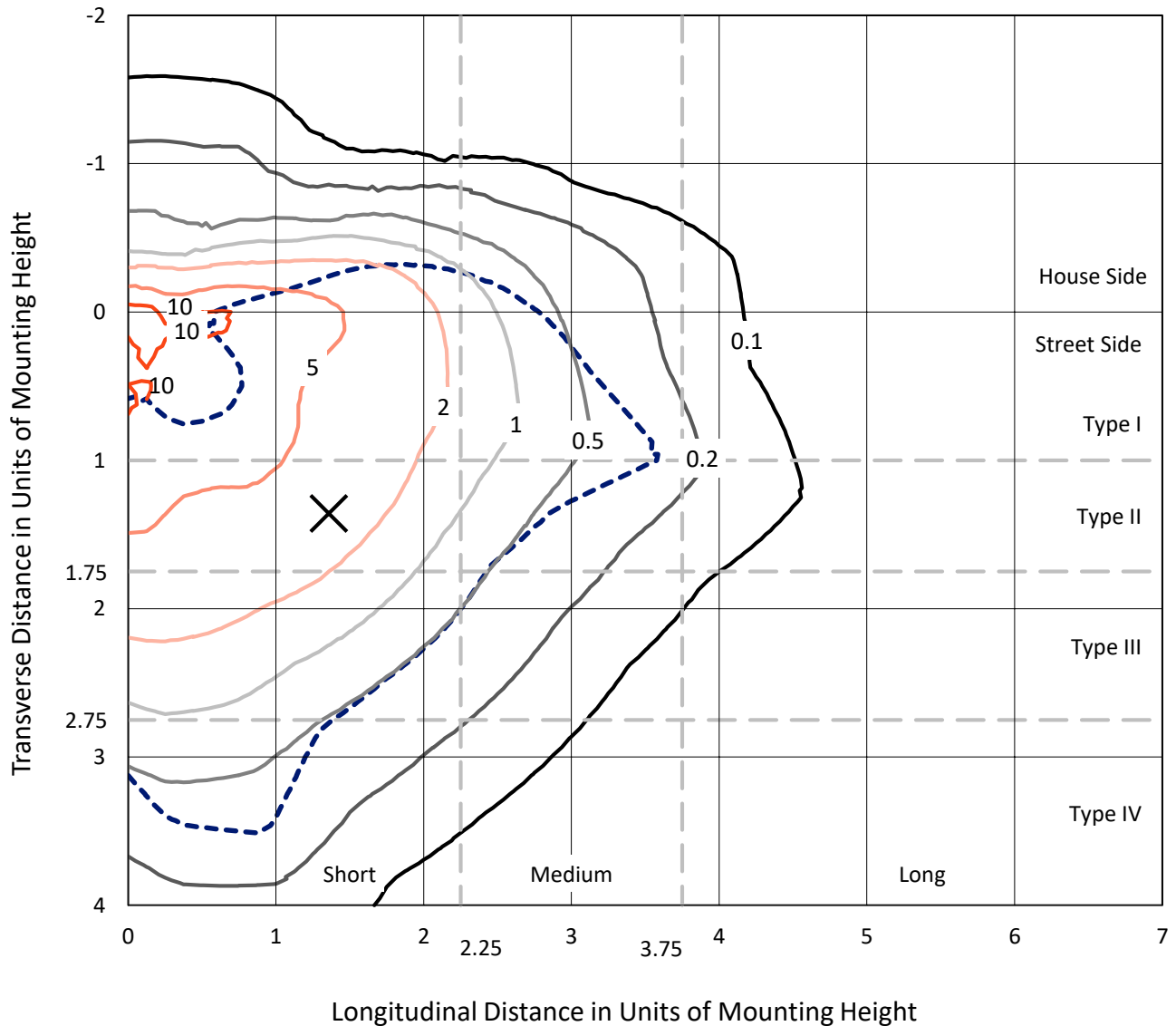
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P200315  
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### Iso-Footcandle Lines of Horizontal Illumination

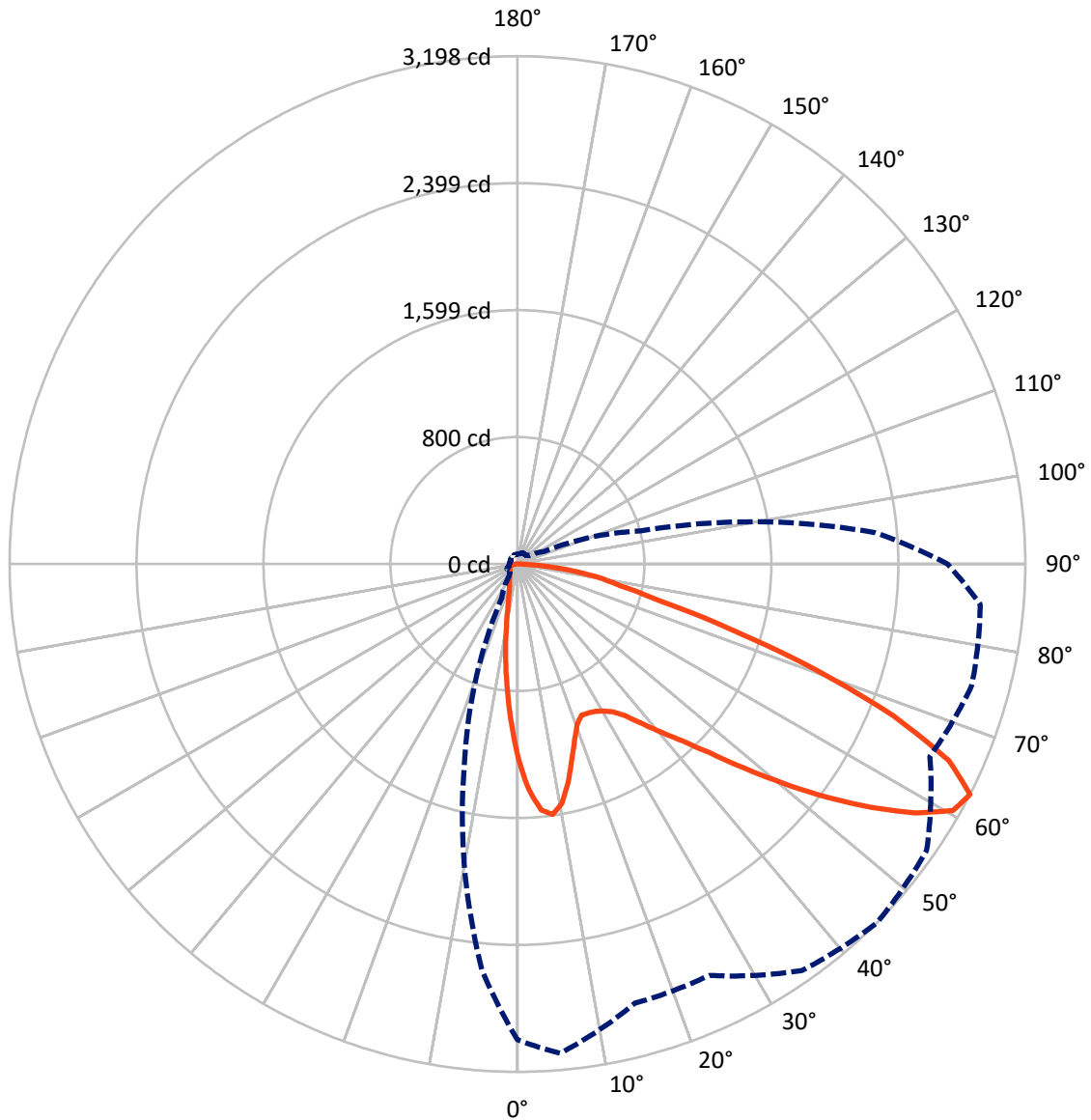
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.6 fc  
 Type IV - Short - Non-Cutoff

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CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 609.2    | 0.0    | 609.2  |
|                    | % Fixture | 16.5     | 0.0    | 16.5   |
| <b>Street Side</b> | Lumens    | 3071.8   | 0.0    | 3071.8 |
|                    | % Fixture | 83.5     | 0.0    | 83.5   |
| <b>Total</b>       | Lumens    | 3681.0   | 0.0    | 3681.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 90.5   | 2.5       |
| 10°-20°   | 166.0  | 4.5       |
| 20°-30°   | 242.0  | 6.6       |
| 30°-40°   | 372.8  | 10.1      |
| 40°-50°   | 548.6  | 14.9      |
| 50°-60°   | 804.7  | 21.9      |
| 60°-70°   | 899.6  | 24.4      |
| 70°-80°   | 440.4  | 12.0      |
| 80°-90°   | 116.3  | 3.2       |
| 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°    | 3681.0 | 100.0     |
| 0°-180°   | 3681.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P200315

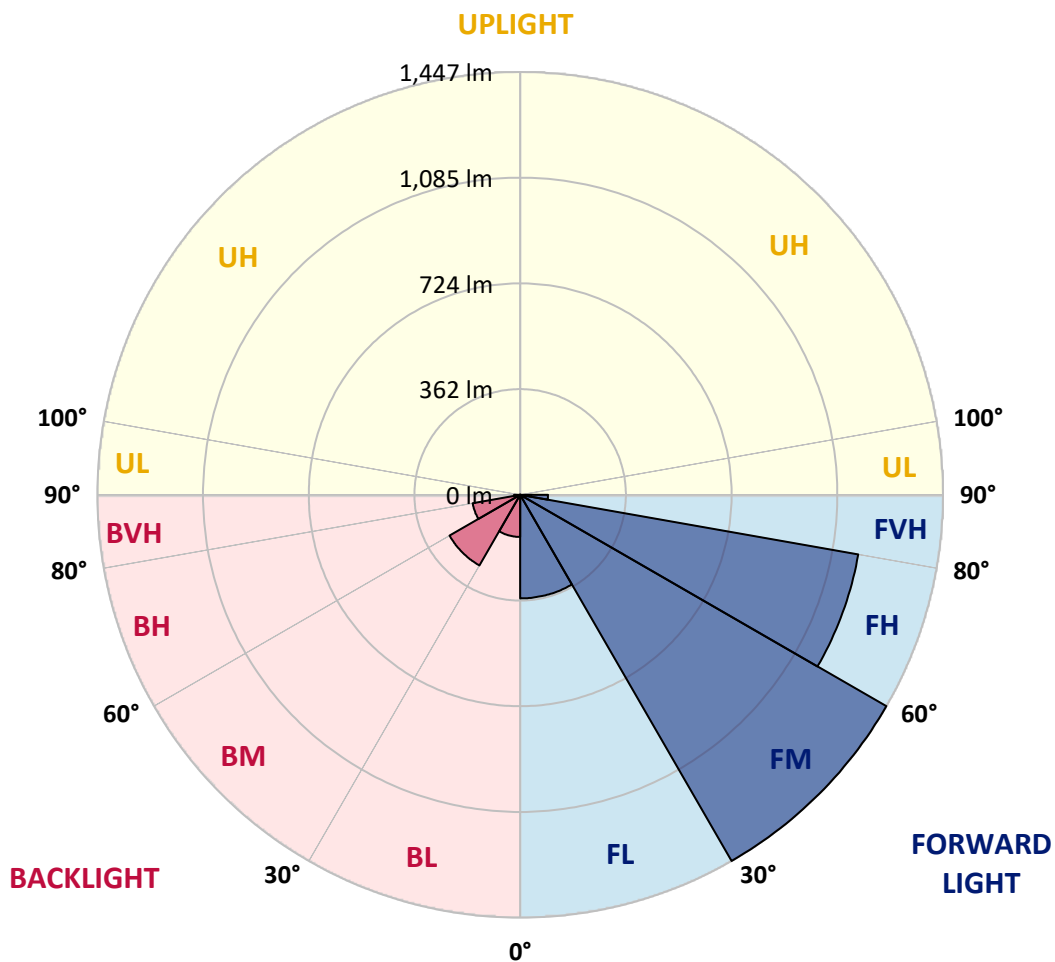
CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 354.5  | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 1447.0 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 1174.8 | 31.9      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 95.5   | 2.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 144.1  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 279.1  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 165.1  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 20.8   | 0.6       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P200315

CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 |
| 2.5°  | 1292.2 | 1312.8 | 1353.1 | 1383.3 | 1419.9 | 1428.4 | 1440.1 | 1428.6 | 1408.2 | 1381.0 | 1372.1 |
| 5°    | 1215.1 | 1259.2 | 1357.0 | 1443.0 | 1519.4 | 1555.1 | 1565.0 | 1535.6 | 1476.3 | 1398.4 | 1350.9 |
| 7.5°  | 1091.5 | 1154.2 | 1286.5 | 1413.2 | 1525.9 | 1592.5 | 1590.9 | 1522.7 | 1413.6 | 1286.7 | 1210.5 |
| 10°   | 984.8  | 1056.5 | 1208.2 | 1349.9 | 1469.5 | 1534.0 | 1509.1 | 1421.9 | 1291.8 | 1145.7 | 1062.9 |
| 12.5° | 925.1  | 995.4  | 1149.3 | 1291.6 | 1391.6 | 1413.8 | 1394.8 | 1309.4 | 1186.8 | 1039.1 | 966.6  |
| 15°   | 914.8  | 991.9  | 1125.9 | 1241.6 | 1297.7 | 1278.2 | 1255.6 | 1217.3 | 1130.7 | 1004.7 | 929.2  |
| 17.5° | 959.5  | 1044.5 | 1152.8 | 1206.8 | 1197.3 | 1163.5 | 1157.0 | 1161.3 | 1140.4 | 1042.9 | 955.9  |
| 20°   | 1045.3 | 1147.3 | 1216.9 | 1190.4 | 1121.0 | 1074.5 | 1076.1 | 1141.0 | 1202.8 | 1139.8 | 1040.5 |
| 22.5° | 1165.7 | 1282.1 | 1309.4 | 1199.1 | 1088.8 | 1033.6 | 1047.0 | 1152.2 | 1302.1 | 1281.5 | 1154.6 |
| 25°   | 1321.5 | 1427.6 | 1407.9 | 1230.7 | 1092.1 | 1038.7 | 1049.4 | 1190.6 | 1419.5 | 1423.1 | 1295.8 |
| 27.5° | 1472.5 | 1570.8 | 1490.7 | 1272.6 | 1105.4 | 1050.6 | 1064.8 | 1251.1 | 1531.6 | 1576.9 | 1457.3 |
| 30°   | 1590.3 | 1658.7 | 1523.5 | 1310.8 | 1131.7 | 1073.9 | 1091.5 | 1308.6 | 1582.6 | 1680.7 | 1581.6 |
| 32.5° | 1687.8 | 1737.0 | 1575.7 | 1358.2 | 1180.1 | 1110.5 | 1141.5 | 1378.4 | 1656.0 | 1779.5 | 1703.2 |
| 35°   | 1812.4 | 1826.4 | 1640.6 | 1411.0 | 1254.8 | 1174.2 | 1212.7 | 1446.8 | 1726.0 | 1879.2 | 1823.0 |
| 37.5° | 1958.5 | 1940.5 | 1702.0 | 1483.2 | 1351.3 | 1274.0 | 1305.8 | 1521.9 | 1783.7 | 1992.3 | 1945.4 |
| 40°   | 2103.0 | 2059.7 | 1778.9 | 1595.3 | 1492.1 | 1391.6 | 1429.2 | 1602.0 | 1837.5 | 2105.6 | 2065.0 |
| 42.5° | 2225.8 | 2161.7 | 1854.7 | 1718.6 | 1623.2 | 1521.3 | 1566.2 | 1682.7 | 1888.9 | 2202.4 | 2168.8 |
| 45°   | 2316.7 | 2237.0 | 1927.0 | 1836.9 | 1803.9 | 1693.7 | 1714.9 | 1775.2 | 1944.6 | 2283.1 | 2254.2 |
| 47.5° | 2397.8 | 2312.7 | 2008.7 | 1956.3 | 1962.0 | 1917.9 | 1883.7 | 1882.9 | 2010.1 | 2349.1 | 2334.9 |
| 50°   | 2506.5 | 2417.7 | 2096.5 | 2079.3 | 2199.1 | 2169.8 | 2094.3 | 2008.5 | 2093.1 | 2423.9 | 2422.3 |
| 52.5° | 2656.2 | 2584.0 | 2203.8 | 2211.9 | 2420.5 | 2439.7 | 2346.2 | 2159.5 | 2223.0 | 2561.3 | 2551.6 |
| 55°   | 2833.3 | 2791.2 | 2349.9 | 2364.3 | 2692.1 | 2705.8 | 2612.9 | 2348.3 | 2414.0 | 2760.2 | 2733.3 |
| 57.5° | 2971.5 | 2962.6 | 2510.1 | 2547.2 | 2894.8 | 2956.7 | 2871.3 | 2566.8 | 2629.3 | 2927.8 | 2860.2 |
| 60°   | 3026.5 | 3069.6 | 2680.7 | 2731.7 | 3082.4 | 3151.0 | 3076.1 | 2758.8 | 2820.1 | 2997.2 | 2851.5 |
| 62.5° | 2996.8 | 3093.1 | 2862.4 | 2858.2 | 3124.3 | 3198.1 | 3145.5 | 2865.7 | 2961.6 | 2925.6 | 2707.2 |
| 65°   | 2859.4 | 3008.7 | 2967.9 | 2825.6 | 2981.0 | 2987.1 | 2970.1 | 2817.9 | 2995.0 | 2699.1 | 2428.4 |
| 67.5° | 2560.1 | 2775.0 | 2829.0 | 2546.4 | 2594.5 | 2555.1 | 2526.5 | 2556.5 | 2821.0 | 2359.8 | 2040.9 |
| 70°   | 2085.2 | 2408.6 | 2434.5 | 2036.6 | 2014.8 | 1988.3 | 1931.4 | 2095.9 | 2477.6 | 1934.1 | 1619.4 |
| 72.5° | 1533.2 | 1873.1 | 1952.7 | 1493.7 | 1392.6 | 1398.0 | 1353.1 | 1579.5 | 2014.4 | 1436.7 | 1209.0 |
| 75°   | 1049.0 | 1356.3 | 1527.7 | 1042.3 | 920.9  | 923.1  | 917.5  | 1119.2 | 1604.4 | 999.4  | 904.7  |
| 77.5° | 766.3  | 969.1  | 1152.2 | 700.7  | 680.3  | 667.8  | 664.7  | 783.1  | 1230.1 | 725.6  | 702.6  |
| 80°   | 614.9  | 715.9  | 774.0  | 485.6  | 522.3  | 521.3  | 504.5  | 538.5  | 803.3  | 530.8  | 525.5  |
| 82.5° | 426.6  | 550.2  | 627.1  | 380.6  | 352.5  | 346.6  | 350.7  | 401.1  | 567.8  | 362.8  | 345.0  |
| 85°   | 225.0  | 365.4  | 621.0  | 337.3  | 209.2  | 166.9  | 207.6  | 328.4  | 491.9  | 192.2  | 168.4  |
| 87.5° | 28.7   | 105.6  | 411.2  | 134.6  | 82.6   | 44.5   | 98.5   | 184.9  | 315.9  | 39.3   | 34.2   |
| 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: P200315

CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 |
| 2.5°  | 1349.3 | 1322.4 | 1287.1 | 1254.6 | 1220.8 | 1187.2 | 1143.3 | 1115.8 | 1096.7 | 1093.1 | 1085.0 |
| 5°    | 1316.5 | 1227.0 | 1159.5 | 1101.0 | 1048.0 | 973.1  | 931.6  | 897.2  | 878.8  | 877.0  | 872.5  |
| 7.5°  | 1165.3 | 1041.9 | 950.6  | 867.9  | 792.8  | 732.3  | 665.5  | 634.4  | 621.6  | 624.7  | 627.7  |
| 10°   | 1008.1 | 870.1  | 765.3  | 680.7  | 614.5  | 563.5  | 509.9  | 473.7  | 448.6  | 443.6  | 442.5  |
| 12.5° | 893.2  | 741.8  | 640.0  | 580.3  | 529.1  | 481.2  | 424.3  | 381.6  | 349.1  | 337.9  | 330.4  |
| 15°   | 844.6  | 679.1  | 572.4  | 508.1  | 451.6  | 390.7  | 337.9  | 293.2  | 263.3  | 253.5  | 248.1  |
| 17.5° | 854.9  | 661.7  | 525.9  | 443.6  | 371.3  | 307.8  | 241.2  | 203.0  | 184.9  | 180.3  | 180.3  |
| 20°   | 909.2  | 658.4  | 487.5  | 384.1  | 294.0  | 220.4  | 165.7  | 143.9  | 138.0  | 137.4  | 139.0  |
| 22.5° | 985.2  | 669.8  | 458.7  | 332.5  | 228.5  | 160.9  | 129.1  | 121.0  | 118.4  | 119.0  | 120.8  |
| 25°   | 1098.6 | 708.0  | 437.9  | 286.5  | 179.3  | 131.7  | 115.1  | 110.3  | 109.1  | 110.7  | 112.9  |
| 27.5° | 1232.9 | 746.3  | 424.9  | 251.9  | 151.4  | 120.4  | 109.5  | 104.4  | 105.2  | 107.2  | 109.3  |
| 30°   | 1350.9 | 777.6  | 404.5  | 227.2  | 142.7  | 121.0  | 109.5  | 102.6  | 101.8  | 102.2  | 102.8  |
| 32.5° | 1456.7 | 798.9  | 380.6  | 203.8  | 123.0  | 107.4  | 102.2  | 101.2  | 96.7   | 95.1   | 95.3   |
| 35°   | 1548.0 | 798.9  | 366.3  | 190.0  | 110.3  | 95.3   | 86.8   | 81.7   | 79.5   | 79.7   | 82.0   |
| 37.5° | 1636.0 | 782.9  | 359.2  | 182.3  | 103.4  | 90.7   | 83.2   | 78.7   | 75.7   | 75.1   | 75.5   |
| 40°   | 1713.7 | 759.6  | 351.1  | 179.1  | 98.1   | 87.8   | 80.7   | 77.1   | 73.9   | 72.8   | 73.0   |
| 42.5° | 1776.0 | 740.8  | 342.2  | 174.8  | 94.9   | 85.8   | 79.1   | 75.9   | 72.2   | 71.2   | 71.0   |
| 45°   | 1843.4 | 734.5  | 330.4  | 166.3  | 96.5   | 86.0   | 78.7   | 75.3   | 71.6   | 70.4   | 70.0   |
| 47.5° | 1932.2 | 754.2  | 318.3  | 156.2  | 100.0  | 87.0   | 79.3   | 75.3   | 71.4   | 70.4   | 70.0   |
| 50°   | 2044.1 | 800.3  | 302.9  | 141.4  | 96.5   | 89.8   | 79.1   | 74.7   | 71.4   | 70.4   | 69.6   |
| 52.5° | 2187.8 | 862.6  | 282.7  | 124.4  | 94.5   | 96.7   | 78.7   | 73.5   | 70.4   | 69.0   | 67.6   |
| 55°   | 2362.4 | 913.6  | 258.6  | 110.5  | 89.8   | 94.9   | 78.1   | 72.0   | 68.8   | 66.8   | 65.6   |
| 57.5° | 2490.3 | 932.0  | 227.6  | 101.4  | 83.4   | 91.9   | 77.3   | 70.2   | 66.8   | 65.2   | 63.5   |
| 60°   | 2465.0 | 896.4  | 201.5  | 95.7   | 79.5   | 83.0   | 76.7   | 68.6   | 65.0   | 63.7   | 62.3   |
| 62.5° | 2262.5 | 803.3  | 184.7  | 93.1   | 77.1   | 75.7   | 77.3   | 67.0   | 63.3   | 62.1   | 61.7   |
| 65°   | 1958.7 | 665.9  | 178.1  | 92.5   | 75.1   | 71.4   | 71.8   | 65.2   | 61.5   | 60.5   | 60.1   |
| 67.5° | 1615.8 | 537.4  | 172.2  | 94.5   | 72.4   | 68.4   | 66.4   | 62.7   | 59.7   | 58.7   | 57.9   |
| 70°   | 1274.2 | 447.0  | 169.6  | 93.3   | 69.2   | 65.4   | 63.1   | 60.1   | 57.5   | 56.5   | 55.8   |
| 72.5° | 1026.1 | 377.6  | 168.2  | 92.1   | 65.0   | 61.3   | 59.3   | 56.7   | 53.8   | 53.4   | 52.8   |
| 75°   | 868.3  | 296.8  | 154.0  | 88.2   | 60.1   | 56.5   | 55.0   | 52.6   | 49.8   | 49.8   | 49.4   |
| 77.5° | 669.8  | 214.7  | 128.1  | 78.1   | 55.0   | 51.0   | 49.8   | 48.0   | 44.7   | 45.3   | 45.1   |
| 80°   | 494.7  | 140.0  | 100.2  | 64.8   | 48.8   | 44.9   | 44.3   | 42.5   | 39.1   | 39.9   | 39.9   |
| 82.5° | 338.9  | 91.9   | 72.0   | 53.0   | 41.7   | 38.0   | 38.0   | 36.2   | 32.4   | 32.8   | 34.0   |
| 85°   | 170.2  | 63.1   | 53.8   | 41.1   | 32.4   | 30.6   | 30.6   | 29.1   | 25.3   | 25.5   | 27.1   |
| 87.5° | 51.8   | 38.0   | 35.6   | 29.3   | 23.3   | 22.9   | 21.9   | 20.8   | 18.4   | 18.2   | 19.2   |
| 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: P200315

CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 |
| 2.5°  | 1072.7 | 1061.1 | 1047.2 | 1016.4 | 1006.1 | 1005.5 | 1014.8 | 1005.1 | 1023.7 | 1015.8 | 1024.5 |
| 5°    | 865.0  | 853.7  | 838.1  | 798.9  | 775.0  | 758.8  | 751.1  | 728.5  | 744.8  | 732.9  | 742.8  |
| 7.5°  | 636.2  | 638.8  | 628.5  | 605.4  | 553.4  | 527.3  | 511.9  | 498.2  | 510.1  | 508.9  | 527.9  |
| 10°   | 447.2  | 454.3  | 447.0  | 423.7  | 381.6  | 367.3  | 370.1  | 375.6  | 391.1  | 399.2  | 428.6  |
| 12.5° | 321.9  | 321.5  | 316.9  | 296.0  | 268.3  | 269.9  | 281.5  | 291.0  | 305.3  | 313.8  | 343.8  |
| 15°   | 240.4  | 236.7  | 234.7  | 217.7  | 201.9  | 205.4  | 211.1  | 212.1  | 221.2  | 226.2  | 250.5  |
| 17.5° | 181.7  | 183.5  | 185.8  | 173.6  | 161.7  | 159.5  | 155.0  | 149.5  | 152.2  | 153.2  | 165.3  |
| 20°   | 144.3  | 151.6  | 157.0  | 148.5  | 136.4  | 129.9  | 124.2  | 120.6  | 120.6  | 120.4  | 123.8  |
| 22.5° | 126.1  | 131.3  | 137.2  | 131.3  | 120.4  | 114.7  | 111.5  | 108.7  | 108.3  | 108.3  | 111.5  |
| 25°   | 116.1  | 120.0  | 125.7  | 121.6  | 113.5  | 109.3  | 106.2  | 102.6  | 101.2  | 100.8  | 103.0  |
| 27.5° | 111.3  | 112.9  | 115.7  | 112.1  | 105.2  | 103.2  | 102.4  | 99.2   | 97.3   | 96.3   | 98.5   |
| 30°   | 103.0  | 102.6  | 102.8  | 99.2   | 93.7   | 93.5   | 94.9   | 95.5   | 94.9   | 94.7   | 98.1   |
| 32.5° | 95.3   | 94.5   | 94.3   | 91.1   | 86.0   | 84.8   | 86.0   | 87.2   | 88.6   | 90.7   | 94.7   |
| 35°   | 85.6   | 87.6   | 88.8   | 86.0   | 79.9   | 76.3   | 74.9   | 72.6   | 71.4   | 71.4   | 76.1   |
| 37.5° | 77.9   | 82.6   | 84.4   | 81.7   | 75.1   | 70.0   | 67.6   | 67.2   | 67.4   | 68.2   | 72.6   |
| 40°   | 75.3   | 78.7   | 80.3   | 77.7   | 71.0   | 66.4   | 65.0   | 64.5   | 65.0   | 66.2   | 70.6   |
| 42.5° | 73.7   | 76.1   | 75.9   | 72.6   | 67.2   | 63.9   | 63.1   | 62.7   | 63.1   | 64.3   | 69.2   |
| 45°   | 72.2   | 73.9   | 72.2   | 68.4   | 63.3   | 61.7   | 61.9   | 61.7   | 62.1   | 63.3   | 68.0   |
| 47.5° | 71.0   | 71.6   | 69.6   | 65.8   | 60.5   | 60.1   | 60.9   | 61.5   | 61.9   | 62.9   | 67.8   |
| 50°   | 69.2   | 69.2   | 67.4   | 63.3   | 58.1   | 58.3   | 59.3   | 60.7   | 60.9   | 62.1   | 66.0   |
| 52.5° | 67.0   | 66.8   | 65.6   | 61.7   | 56.1   | 56.7   | 56.7   | 58.3   | 58.7   | 60.1   | 64.1   |
| 55°   | 65.2   | 64.8   | 64.1   | 60.5   | 54.2   | 55.2   | 54.6   | 55.2   | 56.3   | 57.7   | 62.1   |
| 57.5° | 63.5   | 62.7   | 62.7   | 59.5   | 52.8   | 53.2   | 51.8   | 52.6   | 53.8   | 55.0   | 59.7   |
| 60°   | 61.9   | 61.1   | 61.5   | 58.1   | 50.6   | 50.2   | 49.6   | 51.2   | 51.6   | 53.0   | 57.7   |
| 62.5° | 60.1   | 59.5   | 59.7   | 56.5   | 49.0   | 48.0   | 48.0   | 49.4   | 49.6   | 51.6   | 56.1   |
| 65°   | 58.7   | 57.9   | 57.7   | 54.8   | 47.1   | 45.9   | 46.5   | 47.1   | 47.6   | 49.6   | 53.8   |
| 67.5° | 57.3   | 55.6   | 55.6   | 53.4   | 45.1   | 43.9   | 45.1   | 44.9   | 45.5   | 47.3   | 50.8   |
| 70°   | 55.4   | 53.2   | 53.4   | 52.4   | 43.1   | 41.7   | 42.7   | 42.5   | 42.9   | 44.1   | 47.6   |
| 72.5° | 52.6   | 50.8   | 51.2   | 50.8   | 41.1   | 39.1   | 39.5   | 39.5   | 39.5   | 40.5   | 44.1   |
| 75°   | 49.0   | 47.6   | 48.8   | 49.8   | 38.6   | 35.8   | 36.2   | 36.2   | 35.6   | 36.2   | 40.7   |
| 77.5° | 44.5   | 43.7   | 47.8   | 46.3   | 35.8   | 32.4   | 32.4   | 32.0   | 30.8   | 31.6   | 36.4   |
| 80°   | 39.7   | 39.1   | 44.1   | 38.9   | 32.6   | 28.1   | 27.7   | 26.7   | 25.5   | 26.1   | 31.0   |
| 82.5° | 34.6   | 34.0   | 37.0   | 29.7   | 28.1   | 23.3   | 22.3   | 20.4   | 19.2   | 19.8   | 24.3   |
| 85°   | 28.3   | 28.3   | 28.5   | 22.5   | 21.4   | 17.8   | 16.6   | 14.2   | 12.7   | 13.2   | 17.4   |
| 87.5° | 20.2   | 20.8   | 19.2   | 15.4   | 12.7   | 9.9    | 9.1    | 7.7    | 6.5    | 7.5    | 9.1    |
| 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: P200315

CATALOG NUMBER: GAP-AF-01-LED-U-SLL-7050-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 | 1243.6 |
| 2.5°  | 1069.0 | 1091.3 | 1116.6 | 1148.9 | 1176.7 | 1222.2 | 1265.9 | 1292.2 |
| 5°    | 799.3  | 836.3  | 882.4  | 941.7  | 997.0  | 1079.9 | 1162.3 | 1215.1 |
| 7.5°  | 572.0  | 611.7  | 661.5  | 735.5  | 813.6  | 919.5  | 1028.3 | 1091.5 |
| 10°   | 473.3  | 514.0  | 555.9  | 605.8  | 669.8  | 784.9  | 913.6  | 984.8  |
| 12.5° | 391.5  | 435.1  | 480.2  | 532.8  | 592.1  | 694.9  | 843.2  | 925.1  |
| 15°   | 299.7  | 348.2  | 401.5  | 468.0  | 542.3  | 661.1  | 825.8  | 914.8  |
| 17.5° | 205.4  | 259.6  | 325.0  | 407.1  | 498.0  | 650.1  | 857.0  | 959.5  |
| 20°   | 141.4  | 180.9  | 250.7  | 347.0  | 456.3  | 648.7  | 916.8  | 1045.3 |
| 22.5° | 118.4  | 136.0  | 187.0  | 291.8  | 424.9  | 666.1  | 1009.7 | 1165.7 |
| 25°   | 109.5  | 120.0  | 149.3  | 243.8  | 402.1  | 706.2  | 1137.6 | 1321.5 |
| 27.5° | 104.2  | 113.7  | 135.6  | 212.5  | 384.1  | 752.7  | 1262.1 | 1472.5 |
| 30°   | 106.2  | 115.9  | 131.7  | 196.5  | 359.6  | 791.6  | 1372.5 | 1590.3 |
| 32.5° | 95.7   | 100.0  | 112.9  | 182.3  | 342.0  | 824.2  | 1469.3 | 1687.8 |
| 35°   | 81.5   | 89.0   | 100.8  | 175.6  | 342.4  | 846.0  | 1574.7 | 1812.4 |
| 37.5° | 77.7   | 85.2   | 93.7   | 173.2  | 347.0  | 869.3  | 1695.7 | 1958.5 |
| 40°   | 75.3   | 82.2   | 89.4   | 171.8  | 351.5  | 890.5  | 1814.3 | 2103.0 |
| 42.5° | 73.7   | 79.9   | 89.0   | 166.9  | 353.7  | 909.6  | 1911.8 | 2225.8 |
| 45°   | 73.5   | 79.9   | 90.7   | 162.1  | 357.1  | 930.0  | 1993.5 | 2316.7 |
| 47.5° | 73.7   | 82.6   | 87.6   | 156.2  | 357.1  | 964.2  | 2089.5 | 2397.8 |
| 50°   | 72.8   | 87.0   | 84.4   | 147.9  | 348.9  | 1028.9 | 2221.0 | 2506.5 |
| 52.5° | 72.4   | 86.4   | 78.1   | 135.2  | 334.5  | 1131.7 | 2389.5 | 2656.2 |
| 55°   | 71.4   | 83.4   | 73.7   | 116.1  | 317.7  | 1243.8 | 2570.0 | 2833.3 |
| 57.5° | 70.4   | 73.9   | 71.2   | 99.6   | 291.8  | 1322.8 | 2694.3 | 2971.5 |
| 60°   | 78.9   | 64.5   | 69.2   | 91.5   | 257.2  | 1344.4 | 2689.4 | 3026.5 |
| 62.5° | 73.0   | 60.5   | 66.6   | 89.6   | 232.9  | 1283.7 | 2565.2 | 2996.8 |
| 65°   | 57.3   | 57.9   | 63.9   | 94.9   | 226.4  | 1122.8 | 2345.0 | 2859.4 |
| 67.5° | 52.4   | 55.2   | 61.3   | 101.6  | 227.0  | 899.0  | 2016.0 | 2560.1 |
| 70°   | 49.4   | 52.4   | 58.3   | 105.0  | 228.7  | 670.2  | 1593.9 | 2085.2 |
| 72.5° | 45.9   | 48.6   | 54.8   | 105.6  | 218.1  | 486.9  | 1228.5 | 1533.2 |
| 75°   | 41.9   | 44.3   | 50.0   | 92.1   | 180.7  | 337.7  | 939.7  | 1049.0 |
| 77.5° | 37.2   | 39.1   | 43.9   | 71.0   | 134.2  | 216.1  | 705.4  | 766.3  |
| 80°   | 31.8   | 32.8   | 36.8   | 52.0   | 91.9   | 135.2  | 558.1  | 614.9  |
| 82.5° | 25.5   | 25.9   | 28.5   | 39.1   | 59.7   | 86.8   | 373.7  | 426.6  |
| 85°   | 18.0   | 18.0   | 19.6   | 28.3   | 40.7   | 55.0   | 203.0  | 225.0  |
| 87.5° | 8.5    | 8.7    | 8.7    | 15.6   | 21.2   | 27.9   | 46.7   | 28.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)