

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: P298980

Luminaire Tested: **GAA-AF-01-LED-U-SLL-7060-600**

Issue Date: 3/3/2020

#### Test Information

Test Method: LM-79-08  
Report Number: P298980  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P191289)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAA-AF-01-LED-U-SLL-7060-600  
Description: GALLEONNAIRE AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5700K CCT 600mA LIGHTSQUARE WITH 16 LEDS EACH AND 90° Spill  
Light Eliminator Left OPTICS  
Light Source: -  
Ballast/Driver: -

#### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 3596.3 lumens  
Efficiency: N/A  
Efficacy: 105.8 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

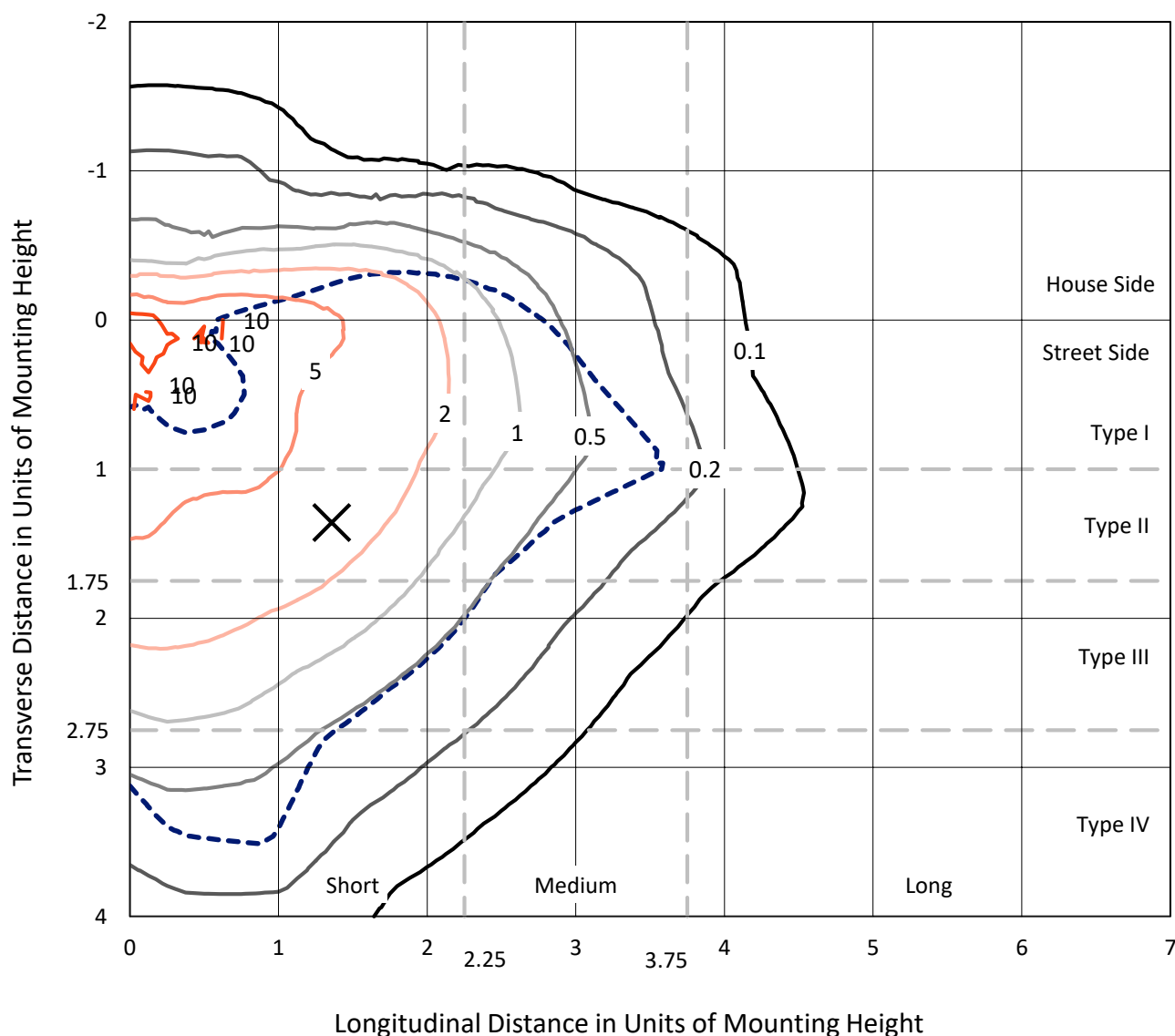


REPORT NUMBER: P298980

CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

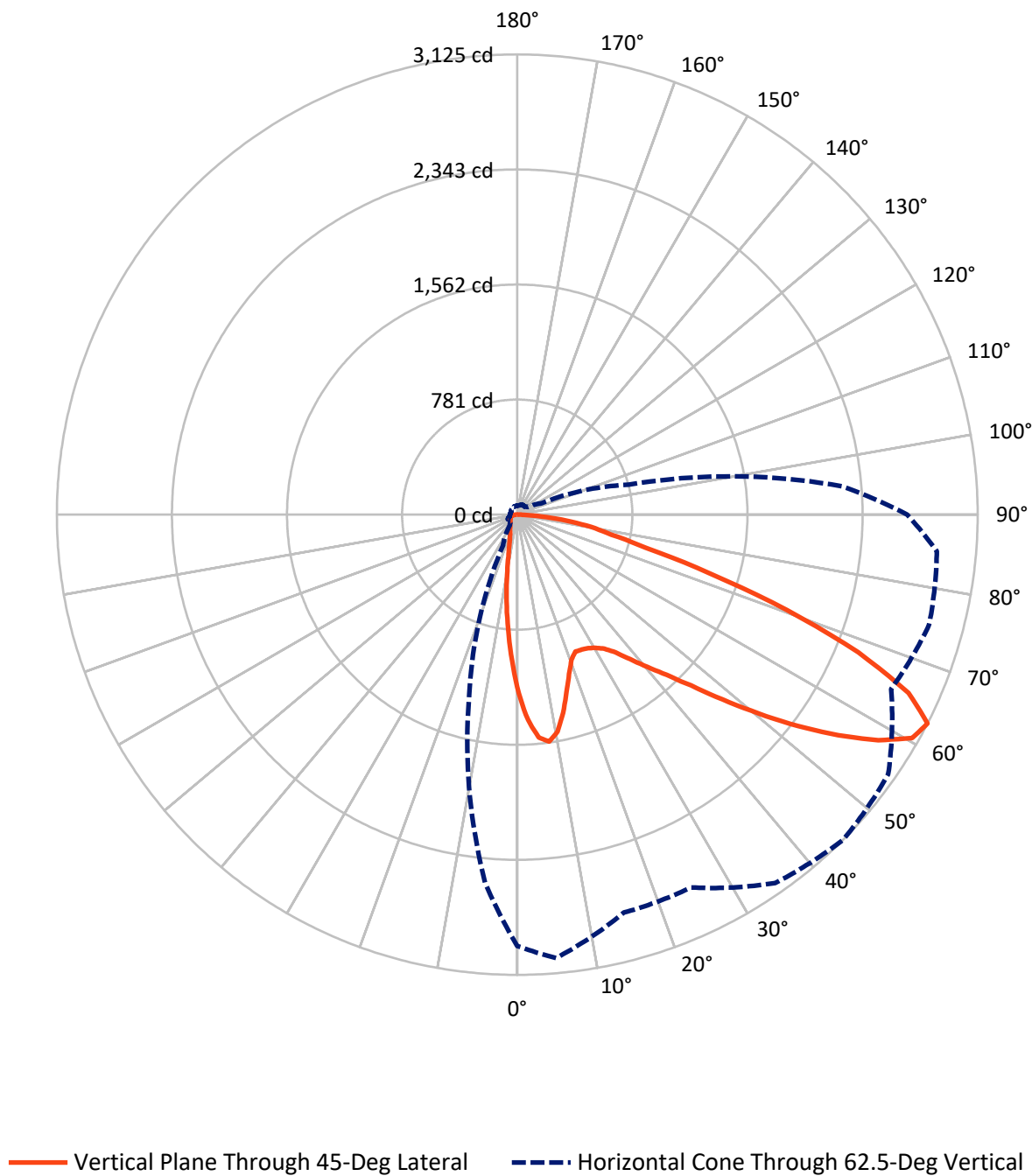


Based on 10 foot mounting height. Maximum calculated value = 14.3 fc  
 Type IV - Short - Non-Cutoff

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CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

## Luminous Intensity Polar Plot



REPORT NUMBER: P298980

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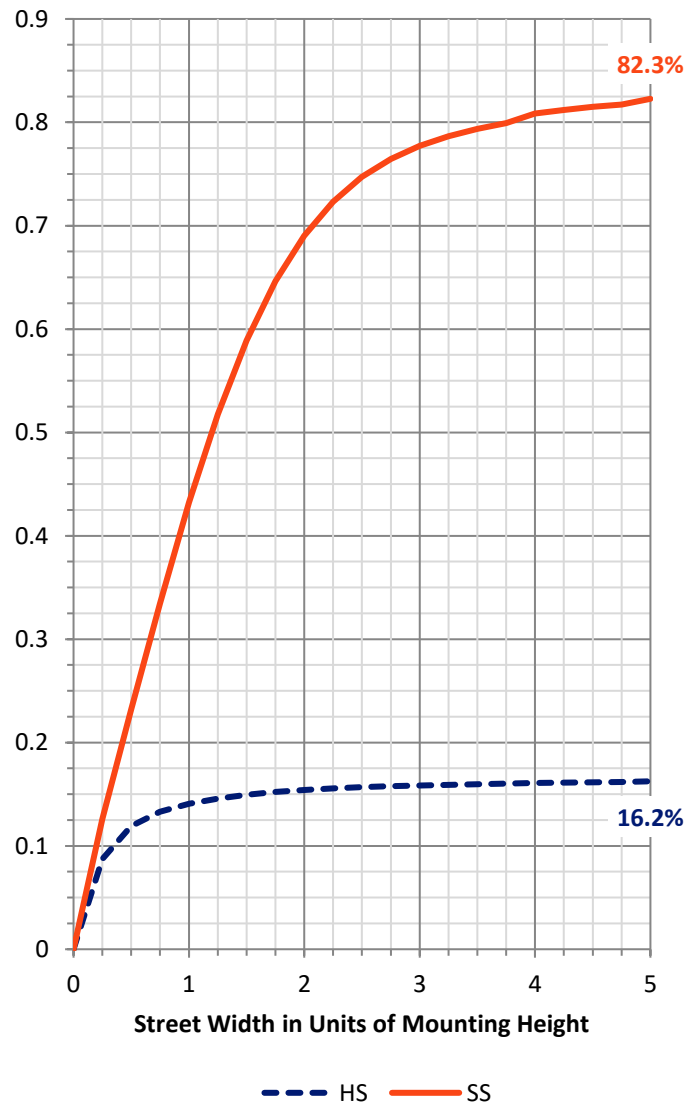
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 595.1    | 0.0    | 595.1  |
|                    | % Fixture | 16.5     | 0.0    | 16.5   |
| <b>Street Side</b> | Lumens    | 3001.1   | 0.0    | 3001.1 |
|                    | % Fixture | 83.5     | 0.0    | 83.5   |
| <b>Total</b>       | Lumens    | 3596.3   | 0.0    | 3596.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 88.4   | 2.5       |
| 10°-20°   | 162.2  | 4.5       |
| 20°-30°   | 236.5  | 6.6       |
| 30°-40°   | 364.2  | 10.1      |
| 40°-50°   | 536.0  | 14.9      |
| 50°-60°   | 786.2  | 21.9      |
| 60°-70°   | 878.9  | 24.4      |
| 70°-80°   | 430.3  | 12.0      |
| 80°-90°   | 113.6  | 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°    | 3596.3 | 100.0     |
| 0°-180°   | 3596.3 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P298980

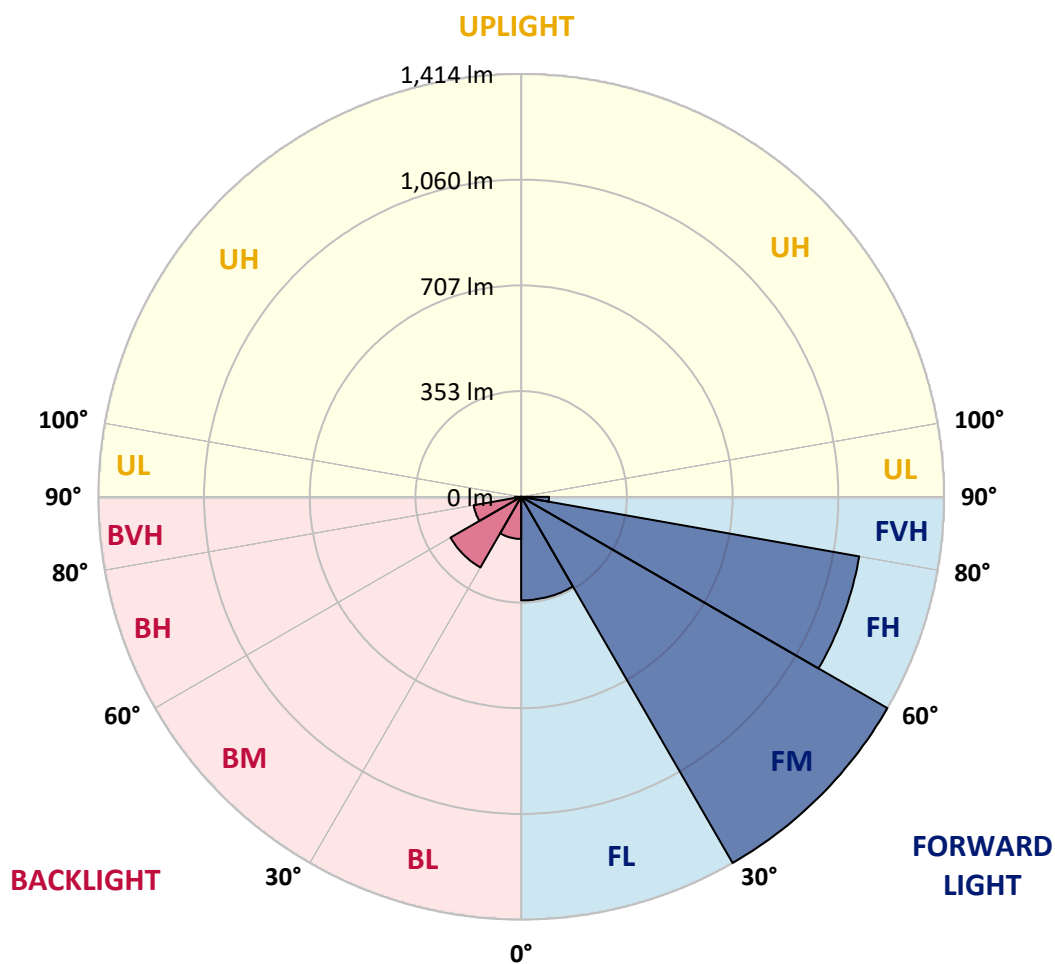
CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 346.3  | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 1413.7 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 1147.8 | 31.9      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 93.3   | 2.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 140.8  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 272.7  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 161.3  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 20.3   | 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: P298980

CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 |
| 2.5°  | 1262.4 | 1282.6 | 1322.0 | 1351.4 | 1387.2 | 1395.5 | 1407.0 | 1395.7 | 1375.7 | 1349.2 | 1340.6 |
| 5°    | 1187.1 | 1230.3 | 1325.7 | 1409.8 | 1484.5 | 1519.2 | 1529.0 | 1500.2 | 1442.4 | 1366.2 | 1319.8 |
| 7.5°  | 1066.4 | 1127.6 | 1256.9 | 1380.7 | 1490.8 | 1555.8 | 1554.2 | 1487.6 | 1381.1 | 1257.1 | 1182.6 |
| 10°   | 962.1  | 1032.1 | 1180.5 | 1318.8 | 1435.6 | 1498.7 | 1474.3 | 1389.2 | 1262.0 | 1119.3 | 1038.5 |
| 12.5° | 903.9  | 972.5  | 1122.9 | 1261.8 | 1359.5 | 1381.3 | 1362.7 | 1279.2 | 1159.4 | 1015.1 | 944.4  |
| 15°   | 893.7  | 969.1  | 1100.0 | 1213.1 | 1267.8 | 1248.9 | 1226.7 | 1189.3 | 1104.7 | 981.5  | 907.8  |
| 17.5° | 937.5  | 1020.5 | 1126.3 | 1179.0 | 1169.7 | 1136.7 | 1130.4 | 1134.6 | 1114.2 | 1018.9 | 933.9  |
| 20°   | 1021.3 | 1120.9 | 1188.9 | 1163.1 | 1095.2 | 1049.7 | 1051.3 | 1114.8 | 1175.1 | 1113.6 | 1016.5 |
| 22.5° | 1138.9 | 1252.6 | 1279.2 | 1171.5 | 1063.8 | 1009.8 | 1022.9 | 1125.7 | 1272.2 | 1252.0 | 1128.0 |
| 25°   | 1291.1 | 1394.7 | 1375.6 | 1202.3 | 1066.9 | 1014.8 | 1025.2 | 1163.3 | 1386.8 | 1390.4 | 1266.1 |
| 27.5° | 1438.6 | 1534.7 | 1456.4 | 1243.3 | 1080.0 | 1026.4 | 1040.3 | 1222.3 | 1496.3 | 1540.6 | 1423.8 |
| 30°   | 1553.6 | 1620.5 | 1488.4 | 1280.6 | 1105.7 | 1049.2 | 1066.4 | 1278.5 | 1546.2 | 1642.0 | 1545.2 |
| 32.5° | 1648.9 | 1696.9 | 1539.4 | 1326.9 | 1152.9 | 1084.9 | 1115.2 | 1346.7 | 1617.9 | 1738.5 | 1664.0 |
| 35°   | 1770.7 | 1784.4 | 1602.9 | 1378.5 | 1225.9 | 1147.2 | 1184.8 | 1413.5 | 1686.4 | 1836.0 | 1781.0 |
| 37.5° | 1913.5 | 1895.9 | 1662.7 | 1449.1 | 1320.2 | 1244.6 | 1275.7 | 1486.8 | 1742.6 | 1946.5 | 1900.6 |
| 40°   | 2054.6 | 2012.2 | 1738.0 | 1558.6 | 1457.8 | 1359.5 | 1396.3 | 1565.1 | 1795.3 | 2057.2 | 2017.4 |
| 42.5° | 2174.6 | 2111.9 | 1812.0 | 1679.0 | 1585.9 | 1486.3 | 1530.2 | 1644.0 | 1845.5 | 2151.6 | 2118.8 |
| 45°   | 2263.4 | 2185.5 | 1882.6 | 1794.6 | 1762.4 | 1654.7 | 1675.5 | 1734.3 | 1899.8 | 2230.6 | 2202.3 |
| 47.5° | 2342.6 | 2259.4 | 1962.4 | 1911.3 | 1916.8 | 1873.7 | 1840.3 | 1839.5 | 1963.9 | 2295.0 | 2281.1 |
| 50°   | 2448.8 | 2362.0 | 2048.3 | 2031.4 | 2148.5 | 2119.8 | 2046.1 | 1962.3 | 2044.9 | 2368.2 | 2366.6 |
| 52.5° | 2595.1 | 2524.6 | 2153.0 | 2160.9 | 2364.8 | 2383.6 | 2292.2 | 2109.8 | 2171.8 | 2502.4 | 2492.9 |
| 55°   | 2768.1 | 2726.9 | 2295.8 | 2309.8 | 2630.1 | 2643.5 | 2552.7 | 2294.2 | 2358.5 | 2696.8 | 2670.4 |
| 57.5° | 2903.1 | 2894.4 | 2452.4 | 2488.6 | 2828.2 | 2888.7 | 2805.3 | 2507.8 | 2568.8 | 2860.4 | 2794.4 |
| 60°   | 2956.9 | 2999.0 | 2619.0 | 2668.8 | 3011.5 | 3078.4 | 3005.3 | 2695.3 | 2755.2 | 2928.2 | 2785.9 |
| 62.5° | 2927.9 | 3021.9 | 2796.5 | 2792.4 | 3052.4 | 3124.5 | 3073.1 | 2799.7 | 2893.5 | 2858.2 | 2645.0 |
| 65°   | 2793.6 | 2939.5 | 2899.5 | 2760.5 | 2912.4 | 2918.3 | 2901.7 | 2753.0 | 2926.1 | 2637.0 | 2372.5 |
| 67.5° | 2501.1 | 2711.1 | 2763.9 | 2487.8 | 2534.8 | 2496.3 | 2468.3 | 2497.6 | 2756.0 | 2305.5 | 1993.9 |
| 70°   | 2037.2 | 2353.2 | 2378.4 | 1989.8 | 1968.4 | 1942.5 | 1887.0 | 2047.7 | 2420.5 | 1889.5 | 1582.1 |
| 72.5° | 1497.9 | 1830.1 | 1907.7 | 1459.4 | 1360.5 | 1365.8 | 1322.0 | 1543.1 | 1968.0 | 1403.6 | 1181.2 |
| 75°   | 1024.8 | 1325.1 | 1492.6 | 1018.3 | 899.8  | 901.9  | 896.3  | 1093.4 | 1567.5 | 976.4  | 883.9  |
| 77.5° | 748.7  | 946.7  | 1125.7 | 684.6  | 664.6  | 652.4  | 649.4  | 765.0  | 1201.8 | 709.0  | 686.4  |
| 80°   | 600.8  | 699.5  | 756.1  | 474.5  | 510.2  | 509.2  | 492.8  | 526.1  | 784.8  | 518.5  | 513.3  |
| 82.5° | 416.8  | 537.5  | 612.6  | 371.8  | 344.4  | 338.6  | 342.6  | 391.8  | 554.7  | 354.4  | 337.1  |
| 85°   | 219.9  | 357.0  | 606.7  | 329.5  | 204.4  | 163.1  | 202.9  | 320.8  | 480.6  | 187.8  | 164.4  |
| 87.5° | 28.1   | 103.2  | 401.7  | 131.5  | 80.7   | 43.4   | 96.3   | 180.7  | 308.6  | 38.3   | 33.4   |
| 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: P298980

CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 |
| 2.5°  | 1318.2 | 1291.9 | 1257.5 | 1225.6 | 1192.7 | 1159.8 | 1116.9 | 1090.0 | 1071.5 | 1067.9 | 1060.1 |
| 5°    | 1286.2 | 1198.8 | 1132.8 | 1075.7 | 1023.9 | 950.6  | 910.1  | 876.5  | 858.6  | 856.8  | 852.5  |
| 7.5°  | 1138.5 | 1017.9 | 928.8  | 847.9  | 774.5  | 715.4  | 650.2  | 619.8  | 607.3  | 610.3  | 613.2  |
| 10°   | 984.8  | 850.1  | 747.7  | 665.0  | 600.4  | 550.6  | 498.2  | 462.8  | 438.3  | 433.3  | 432.4  |
| 12.5° | 872.6  | 724.7  | 625.3  | 566.9  | 517.0  | 470.1  | 414.6  | 372.8  | 341.0  | 330.1  | 322.9  |
| 15°   | 825.1  | 663.5  | 559.3  | 496.4  | 441.2  | 381.7  | 330.1  | 286.4  | 257.2  | 247.7  | 242.4  |
| 17.5° | 835.3  | 646.4  | 513.8  | 433.3  | 362.8  | 300.7  | 235.7  | 198.2  | 180.7  | 176.2  | 176.2  |
| 20°   | 888.3  | 643.3  | 476.2  | 375.2  | 287.2  | 215.2  | 161.9  | 140.5  | 134.8  | 134.3  | 135.8  |
| 22.5° | 962.6  | 654.4  | 448.2  | 324.9  | 223.2  | 157.2  | 126.1  | 118.2  | 115.6  | 116.3  | 118.0  |
| 25°   | 1073.3 | 691.8  | 427.9  | 279.9  | 175.1  | 128.7  | 112.4  | 107.8  | 106.5  | 108.1  | 110.3  |
| 27.5° | 1204.5 | 729.1  | 415.2  | 246.1  | 147.9  | 117.6  | 106.9  | 102.0  | 102.8  | 104.8  | 106.7  |
| 30°   | 1319.8 | 759.8  | 395.2  | 222.0  | 139.4  | 118.2  | 106.9  | 100.2  | 99.5   | 99.9   | 100.4  |
| 32.5° | 1423.2 | 780.5  | 371.8  | 199.1  | 120.2  | 105.0  | 99.9   | 98.9   | 94.5   | 92.9   | 93.1   |
| 35°   | 1512.4 | 780.5  | 357.8  | 185.7  | 107.8  | 93.1   | 84.8   | 79.9   | 77.7   | 77.8   | 80.1   |
| 37.5° | 1598.4 | 764.9  | 350.9  | 178.1  | 101.0  | 88.6   | 81.2   | 76.9   | 73.9   | 73.4   | 73.7   |
| 40°   | 1674.2 | 742.1  | 343.0  | 174.9  | 95.9   | 85.8   | 78.9   | 75.3   | 72.1   | 71.2   | 71.4   |
| 42.5° | 1735.1 | 723.7  | 334.3  | 170.8  | 92.7   | 83.8   | 77.3   | 74.1   | 70.6   | 69.6   | 69.4   |
| 45°   | 1801.0 | 717.6  | 322.9  | 162.5  | 94.3   | 84.0   | 76.9   | 73.5   | 70.0   | 68.8   | 68.4   |
| 47.5° | 1887.7 | 736.8  | 311.0  | 152.6  | 97.7   | 85.0   | 77.5   | 73.5   | 69.8   | 68.8   | 68.4   |
| 50°   | 1997.0 | 781.9  | 295.9  | 138.2  | 94.3   | 87.8   | 77.3   | 72.9   | 69.8   | 68.8   | 68.0   |
| 52.5° | 2137.5 | 842.8  | 276.2  | 121.6  | 92.3   | 94.5   | 76.9   | 71.7   | 68.8   | 67.4   | 66.0   |
| 55°   | 2308.0 | 892.6  | 252.6  | 107.9  | 87.8   | 92.7   | 76.3   | 70.4   | 67.3   | 65.3   | 64.0   |
| 57.5° | 2433.0 | 910.5  | 222.4  | 99.1   | 81.4   | 89.7   | 75.5   | 68.6   | 65.3   | 63.7   | 62.1   |
| 60°   | 2408.3 | 875.7  | 196.9  | 93.5   | 77.7   | 81.1   | 74.9   | 67.0   | 63.5   | 62.3   | 60.8   |
| 62.5° | 2210.4 | 784.8  | 180.5  | 90.9   | 75.3   | 73.9   | 75.5   | 65.5   | 61.9   | 60.6   | 60.3   |
| 65°   | 1913.7 | 650.6  | 174.0  | 90.4   | 73.4   | 69.8   | 70.2   | 63.7   | 60.1   | 59.1   | 58.7   |
| 67.5° | 1578.5 | 525.1  | 168.3  | 92.3   | 70.8   | 66.8   | 64.9   | 61.3   | 58.3   | 57.3   | 56.5   |
| 70°   | 1244.8 | 436.7  | 165.6  | 91.1   | 67.6   | 63.9   | 61.7   | 58.7   | 56.2   | 55.1   | 54.5   |
| 72.5° | 1002.4 | 368.9  | 164.2  | 89.9   | 63.5   | 59.9   | 57.9   | 55.3   | 52.6   | 52.2   | 51.6   |
| 75°   | 848.3  | 290.0  | 150.5  | 86.2   | 58.7   | 55.1   | 53.8   | 51.4   | 48.6   | 48.6   | 48.3   |
| 77.5° | 654.4  | 209.7  | 125.1  | 76.3   | 53.8   | 49.8   | 48.6   | 46.8   | 43.7   | 44.3   | 44.1   |
| 80°   | 483.4  | 136.8  | 97.9   | 63.3   | 47.7   | 43.9   | 43.3   | 41.5   | 38.1   | 39.0   | 39.0   |
| 82.5° | 331.1  | 89.7   | 70.4   | 51.8   | 40.7   | 37.2   | 37.2   | 35.4   | 31.6   | 32.0   | 33.2   |
| 85°   | 166.3  | 61.7   | 52.6   | 40.1   | 31.6   | 29.8   | 29.8   | 28.5   | 24.7   | 24.9   | 26.5   |
| 87.5° | 50.6   | 37.2   | 34.8   | 28.7   | 22.7   | 22.3   | 21.3   | 20.3   | 18.0   | 17.8   | 18.8   |
| 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: P298980

CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 |
| 2.5°  | 1047.9 | 1036.6 | 1023.1 | 993.0  | 982.9  | 982.3  | 991.5  | 981.9  | 1000.1 | 992.4  | 1000.9 |
| 5°    | 845.1  | 834.1  | 818.8  | 780.5  | 757.2  | 741.3  | 733.9  | 711.7  | 727.7  | 716.0  | 725.8  |
| 7.5°  | 621.5  | 624.1  | 614.0  | 591.5  | 540.7  | 515.2  | 500.2  | 486.7  | 498.4  | 497.2  | 515.8  |
| 10°   | 436.9  | 443.8  | 436.7  | 414.0  | 372.8  | 358.8  | 361.6  | 366.9  | 382.2  | 390.0  | 418.7  |
| 12.5° | 314.5  | 314.1  | 309.6  | 289.2  | 262.2  | 263.7  | 275.0  | 284.2  | 298.3  | 306.6  | 335.8  |
| 15°   | 234.8  | 231.3  | 229.3  | 212.7  | 197.3  | 200.7  | 206.2  | 207.2  | 216.1  | 221.0  | 244.8  |
| 17.5° | 177.5  | 179.3  | 181.4  | 169.6  | 157.9  | 155.8  | 151.5  | 146.1  | 148.7  | 149.7  | 161.5  |
| 20°   | 140.9  | 148.1  | 153.4  | 145.1  | 133.3  | 126.9  | 121.4  | 117.8  | 117.8  | 117.6  | 121.0  |
| 22.5° | 123.2  | 128.3  | 134.1  | 128.3  | 117.6  | 112.1  | 108.9  | 106.1  | 105.8  | 105.8  | 108.9  |
| 25°   | 113.5  | 117.3  | 122.8  | 118.9  | 110.9  | 106.7  | 103.8  | 100.2  | 98.9   | 98.4   | 100.6  |
| 27.5° | 108.7  | 110.3  | 113.1  | 109.5  | 102.8  | 100.8  | 100.1  | 96.9   | 95.0   | 94.1   | 96.3   |
| 30°   | 100.6  | 100.2  | 100.4  | 96.9   | 91.5   | 91.3   | 92.7   | 93.3   | 92.7   | 92.5   | 95.9   |
| 32.5° | 93.1   | 92.3   | 92.1   | 88.9   | 84.0   | 82.9   | 84.0   | 85.2   | 86.6   | 88.6   | 92.5   |
| 35°   | 83.6   | 85.6   | 86.8   | 84.0   | 78.0   | 74.5   | 73.2   | 71.0   | 69.8   | 69.8   | 74.3   |
| 37.5° | 76.1   | 80.7   | 82.5   | 79.9   | 73.4   | 68.4   | 66.0   | 65.7   | 65.8   | 66.6   | 71.0   |
| 40°   | 73.5   | 76.9   | 78.4   | 75.9   | 69.4   | 64.9   | 63.5   | 63.1   | 63.5   | 64.7   | 69.0   |
| 42.5° | 71.9   | 74.3   | 74.1   | 71.0   | 65.7   | 62.5   | 61.7   | 61.3   | 61.7   | 62.9   | 67.6   |
| 45°   | 70.6   | 72.1   | 70.6   | 66.8   | 61.9   | 60.3   | 60.5   | 60.3   | 60.6   | 61.9   | 66.4   |
| 47.5° | 69.4   | 70.0   | 68.0   | 64.2   | 59.1   | 58.7   | 59.5   | 60.1   | 60.5   | 61.5   | 66.2   |
| 50°   | 67.6   | 67.6   | 65.8   | 61.9   | 56.7   | 56.9   | 57.9   | 59.3   | 59.5   | 60.6   | 64.5   |
| 52.5° | 65.5   | 65.3   | 64.0   | 60.3   | 54.7   | 55.3   | 55.3   | 56.9   | 57.3   | 58.7   | 62.7   |
| 55°   | 63.7   | 63.3   | 62.7   | 59.1   | 53.0   | 54.0   | 53.4   | 54.0   | 54.9   | 56.3   | 60.6   |
| 57.5° | 62.1   | 61.3   | 61.3   | 58.1   | 51.6   | 52.0   | 50.6   | 51.4   | 52.6   | 53.8   | 58.3   |
| 60°   | 60.5   | 59.7   | 60.1   | 56.7   | 49.4   | 49.0   | 48.5   | 50.0   | 50.4   | 51.8   | 56.3   |
| 62.5° | 58.7   | 58.1   | 58.3   | 55.1   | 47.9   | 46.8   | 46.8   | 48.3   | 48.5   | 50.4   | 54.7   |
| 65°   | 57.3   | 56.5   | 56.3   | 53.6   | 46.1   | 44.9   | 45.5   | 46.1   | 46.5   | 48.5   | 52.6   |
| 67.5° | 56.0   | 54.4   | 54.4   | 52.2   | 44.1   | 42.9   | 44.1   | 43.9   | 44.5   | 46.3   | 49.6   |
| 70°   | 54.2   | 52.0   | 52.2   | 51.2   | 42.1   | 40.7   | 41.7   | 41.5   | 41.9   | 43.1   | 46.5   |
| 72.5° | 51.4   | 49.6   | 50.0   | 49.6   | 40.1   | 38.1   | 38.5   | 38.5   | 38.5   | 39.5   | 43.1   |
| 75°   | 47.9   | 46.5   | 47.7   | 48.6   | 37.7   | 35.0   | 35.4   | 35.4   | 34.8   | 35.4   | 39.7   |
| 77.5° | 43.4   | 42.7   | 46.7   | 45.3   | 35.0   | 31.6   | 31.6   | 31.3   | 30.1   | 30.9   | 35.6   |
| 80°   | 38.8   | 38.1   | 43.1   | 37.9   | 31.8   | 27.5   | 27.1   | 26.1   | 24.9   | 25.5   | 30.3   |
| 82.5° | 33.8   | 33.2   | 36.2   | 29.1   | 27.5   | 22.7   | 21.8   | 20.0   | 18.8   | 19.4   | 23.7   |
| 85°   | 27.7   | 27.7   | 27.9   | 21.9   | 20.9   | 17.4   | 16.2   | 13.9   | 12.5   | 12.8   | 17.0   |
| 87.5° | 19.8   | 20.3   | 18.8   | 15.0   | 12.5   | 9.7    | 8.9    | 7.5    | 6.3    | 7.3    | 8.9    |
| 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: P298980

CATALOG NUMBER: GAA-AF-01-LED-U-SLL-7060-600

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 | 1215.0 |
| 2.5°  | 1044.4 | 1066.2 | 1090.9 | 1122.4 | 1149.6 | 1194.0 | 1236.7 | 1262.4 |
| 5°    | 780.9  | 817.1  | 862.1  | 920.1  | 974.1  | 1055.1 | 1135.5 | 1187.1 |
| 7.5°  | 558.8  | 597.6  | 646.3  | 718.6  | 795.0  | 898.3  | 1004.7 | 1066.4 |
| 10°   | 462.5  | 502.2  | 543.1  | 591.9  | 654.4  | 766.8  | 892.6  | 962.1  |
| 12.5° | 382.6  | 425.0  | 469.1  | 520.5  | 578.4  | 678.9  | 823.8  | 903.9  |
| 15°   | 292.8  | 340.2  | 392.2  | 457.3  | 529.8  | 645.9  | 806.8  | 893.7  |
| 17.5° | 200.7  | 253.7  | 317.5  | 397.8  | 486.5  | 635.2  | 837.2  | 937.5  |
| 20°   | 138.2  | 176.7  | 245.0  | 339.0  | 445.8  | 633.8  | 895.7  | 1021.3 |
| 22.5° | 115.6  | 132.8  | 182.6  | 285.1  | 415.2  | 650.8  | 986.5  | 1138.9 |
| 25°   | 106.9  | 117.3  | 145.9  | 238.2  | 392.8  | 690.0  | 1111.5 | 1291.1 |
| 27.5° | 101.8  | 111.1  | 132.5  | 207.6  | 375.2  | 735.4  | 1233.0 | 1438.6 |
| 30°   | 103.8  | 113.3  | 128.7  | 192.0  | 351.3  | 773.3  | 1341.0 | 1553.6 |
| 32.5° | 93.5   | 97.7   | 110.3  | 178.1  | 334.1  | 805.2  | 1435.4 | 1648.9 |
| 35°   | 79.7   | 87.0   | 98.4   | 171.6  | 334.5  | 826.5  | 1538.4 | 1770.7 |
| 37.5° | 75.9   | 83.2   | 91.5   | 169.2  | 339.0  | 849.3  | 1656.6 | 1913.5 |
| 40°   | 73.5   | 80.3   | 87.4   | 167.9  | 343.4  | 870.0  | 1772.5 | 2054.6 |
| 42.5° | 71.9   | 78.0   | 87.0   | 163.1  | 345.6  | 888.6  | 1867.8 | 2174.6 |
| 45°   | 71.7   | 78.0   | 88.6   | 158.3  | 348.9  | 908.6  | 1947.7 | 2263.4 |
| 47.5° | 71.9   | 80.7   | 85.6   | 152.6  | 348.9  | 942.0  | 2041.4 | 2342.6 |
| 50°   | 71.2   | 85.0   | 82.5   | 144.5  | 340.8  | 1005.3 | 2169.9 | 2448.8 |
| 52.5° | 70.8   | 84.5   | 76.3   | 132.1  | 326.8  | 1105.7 | 2334.5 | 2595.1 |
| 55°   | 69.8   | 81.4   | 71.9   | 113.5  | 310.4  | 1215.2 | 2510.9 | 2768.1 |
| 57.5° | 68.8   | 72.1   | 69.6   | 97.3   | 285.1  | 1292.3 | 2632.3 | 2903.1 |
| 60°   | 77.1   | 63.1   | 67.6   | 89.3   | 251.3  | 1313.4 | 2627.6 | 2956.9 |
| 62.5° | 71.4   | 59.1   | 65.1   | 87.6   | 227.6  | 1254.1 | 2506.1 | 2927.9 |
| 65°   | 56.0   | 56.5   | 62.5   | 92.7   | 221.2  | 1097.0 | 2291.0 | 2793.6 |
| 67.5° | 51.2   | 54.0   | 59.9   | 99.3   | 221.9  | 878.3  | 1969.6 | 2501.1 |
| 70°   | 48.3   | 51.2   | 56.9   | 102.6  | 223.4  | 654.8  | 1557.2 | 2037.2 |
| 72.5° | 44.9   | 47.5   | 53.6   | 103.2  | 213.1  | 475.6  | 1200.2 | 1497.9 |
| 75°   | 40.9   | 43.3   | 48.8   | 89.9   | 176.5  | 329.9  | 918.1  | 1024.8 |
| 77.5° | 36.4   | 38.1   | 42.9   | 69.4   | 131.1  | 211.1  | 689.1  | 748.7  |
| 80°   | 31.1   | 32.0   | 36.0   | 50.8   | 89.7   | 132.1  | 545.2  | 600.8  |
| 82.5° | 24.9   | 25.3   | 27.9   | 38.1   | 58.3   | 84.8   | 365.2  | 416.8  |
| 85°   | 17.6   | 17.6   | 19.2   | 27.7   | 39.7   | 53.8   | 198.2  | 219.9  |
| 87.5° | 8.3    | 8.5    | 8.5    | 15.2   | 20.7   | 27.3   | 45.7   | 28.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)