

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: P298860

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

Issue Date: 3/3/2020

#### Test Information

Test Method: LM-79-08  
Report Number: P298860  
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  
Description: GALLEONNAIRE AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5700K CCT 1050mA LIGHTSQUARE WITH 16 LEDS EACH AND 90° Spill  
Light Eliminator Left OPTICS  
Light Source: -  
Ballast/Driver: -

#### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 5459.1 lumens  
Efficiency: N/A  
Efficacy: 92.5 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 - G2  
  
Input Watts (W): 59  
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



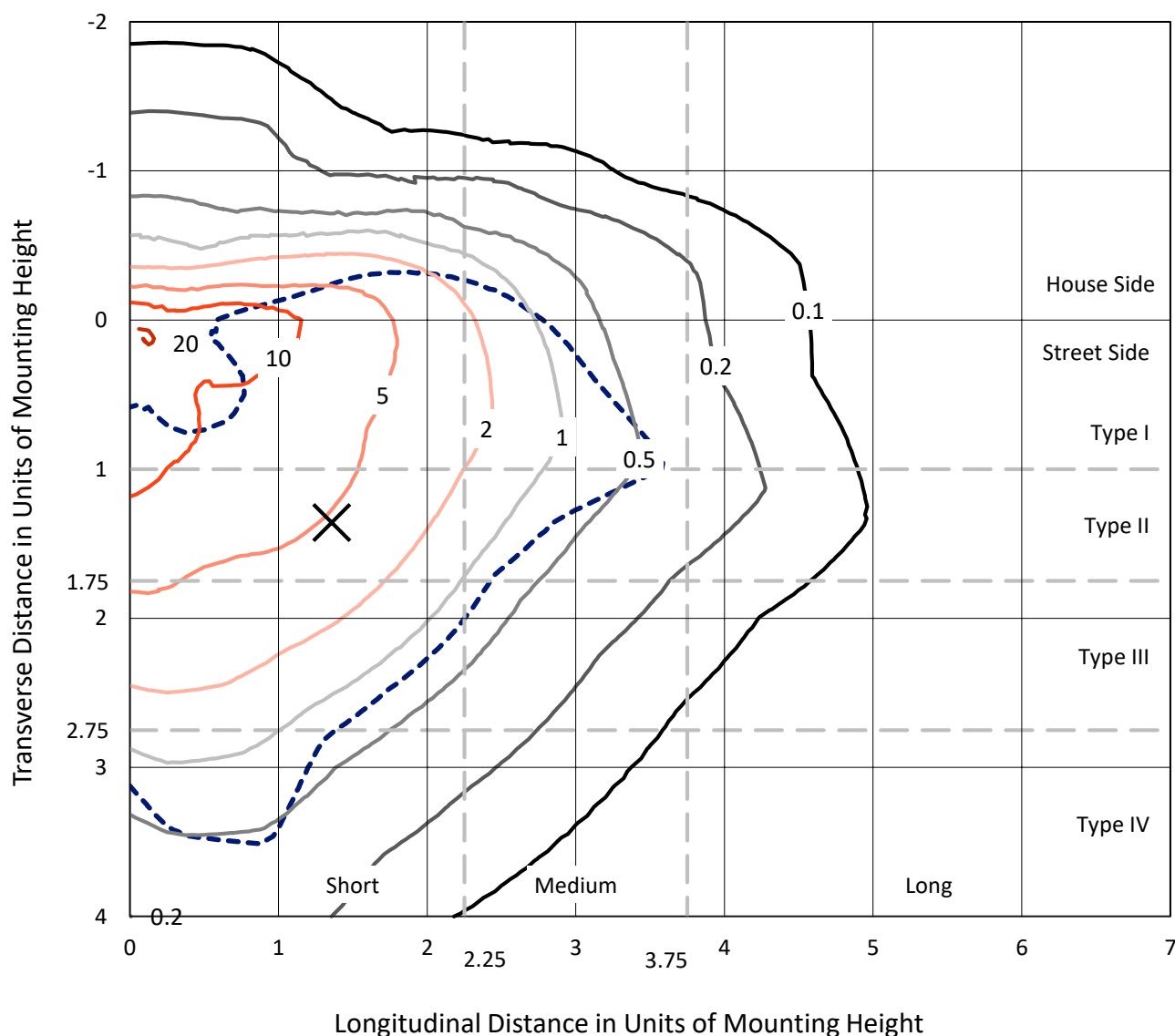
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

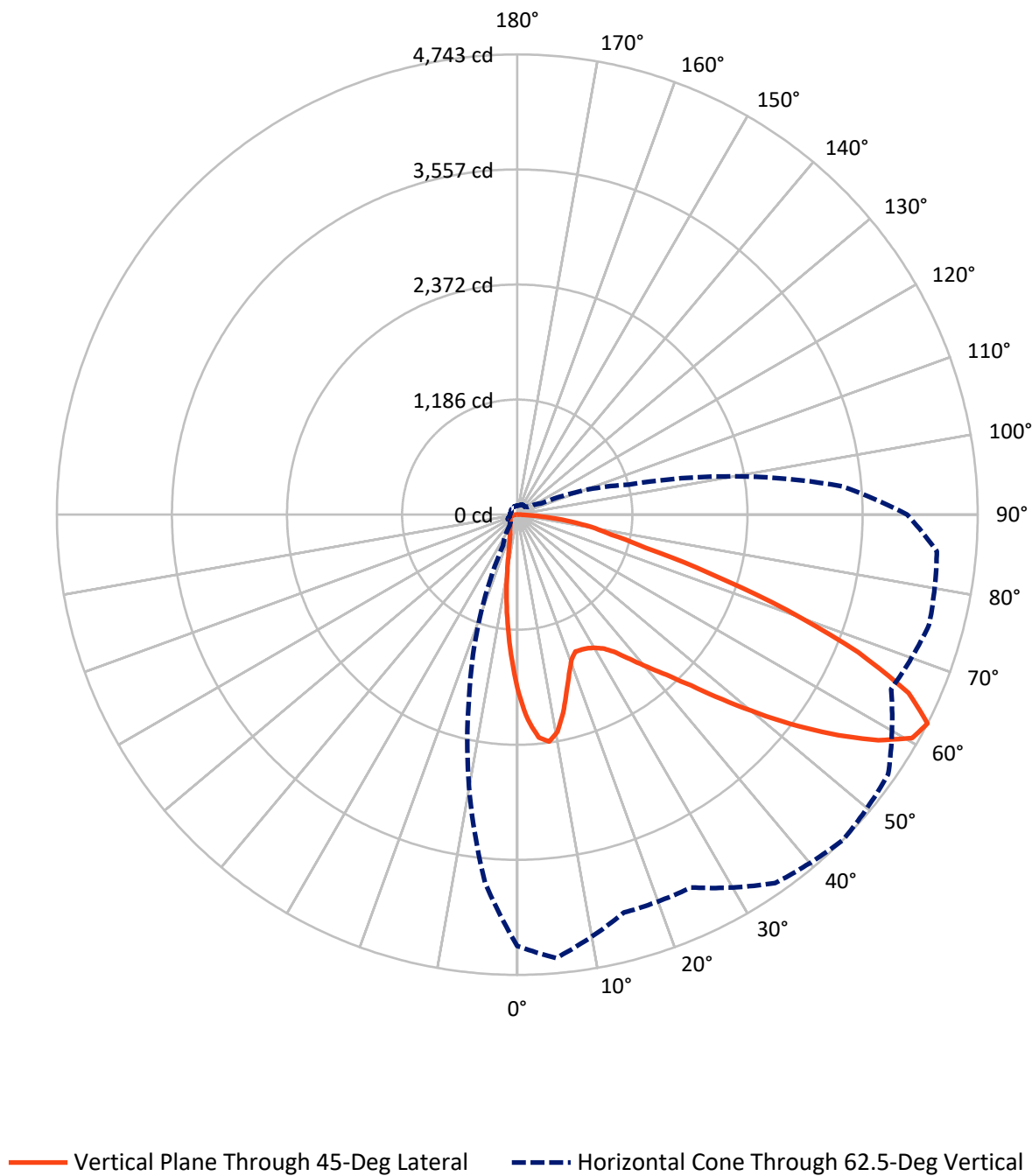


Based on 10 foot mounting height. Maximum calculated value = 21.7 fc  
Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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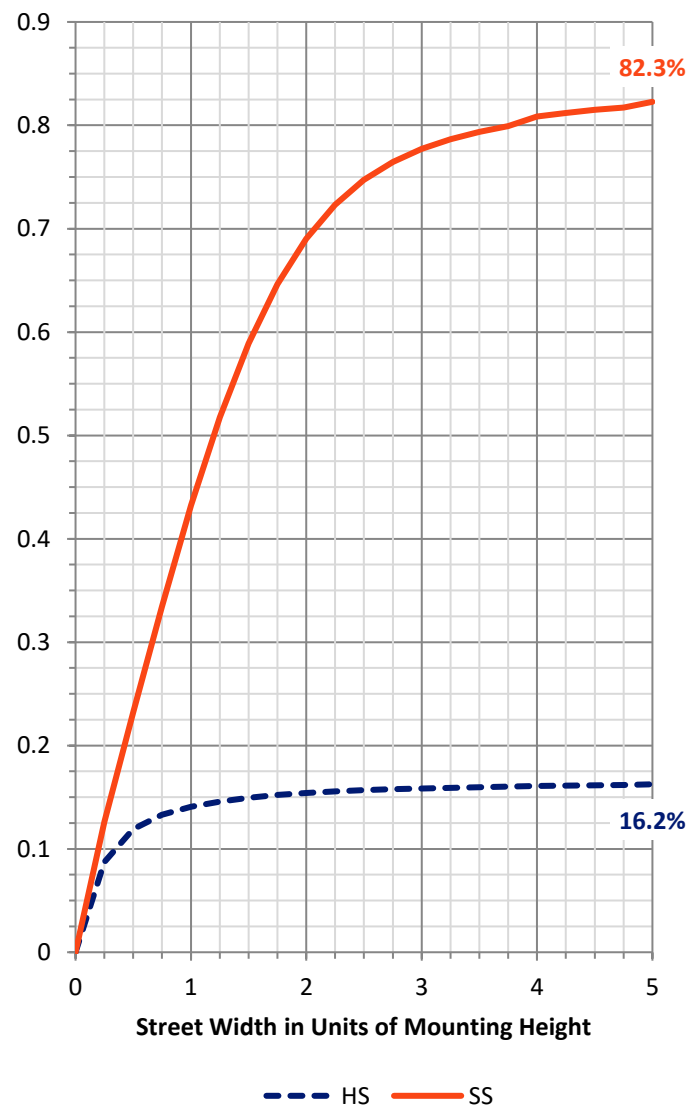
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 903.4    | 0.0    | 903.4  |
|                    | % Fixture | 16.5     | 0.0    | 16.5   |
| <b>Street Side</b> | Lumens    | 4555.7   | 0.0    | 4555.7 |
|                    | % Fixture | 83.5     | 0.0    | 83.5   |
| <b>Total</b>       | Lumens    | 5459.1   | 0.0    | 5459.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 134.3  | 2.5       |
| 10°-20°   | 246.2  | 4.5       |
| 20°-30°   | 359.0  | 6.6       |
| 30°-40°   | 552.9  | 10.1      |
| 40°-50°   | 813.7  | 14.9      |
| 50°-60°   | 1193.5 | 21.9      |
| 60°-70°   | 1334.1 | 24.4      |
| 70°-80°   | 653.2  | 12.0      |
| 80°-90°   | 172.5  | 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°    | 5459.1 | 100.0     |
| 0°-180°   | 5459.1 | 100.0     |

**Coefficient of Utilization**



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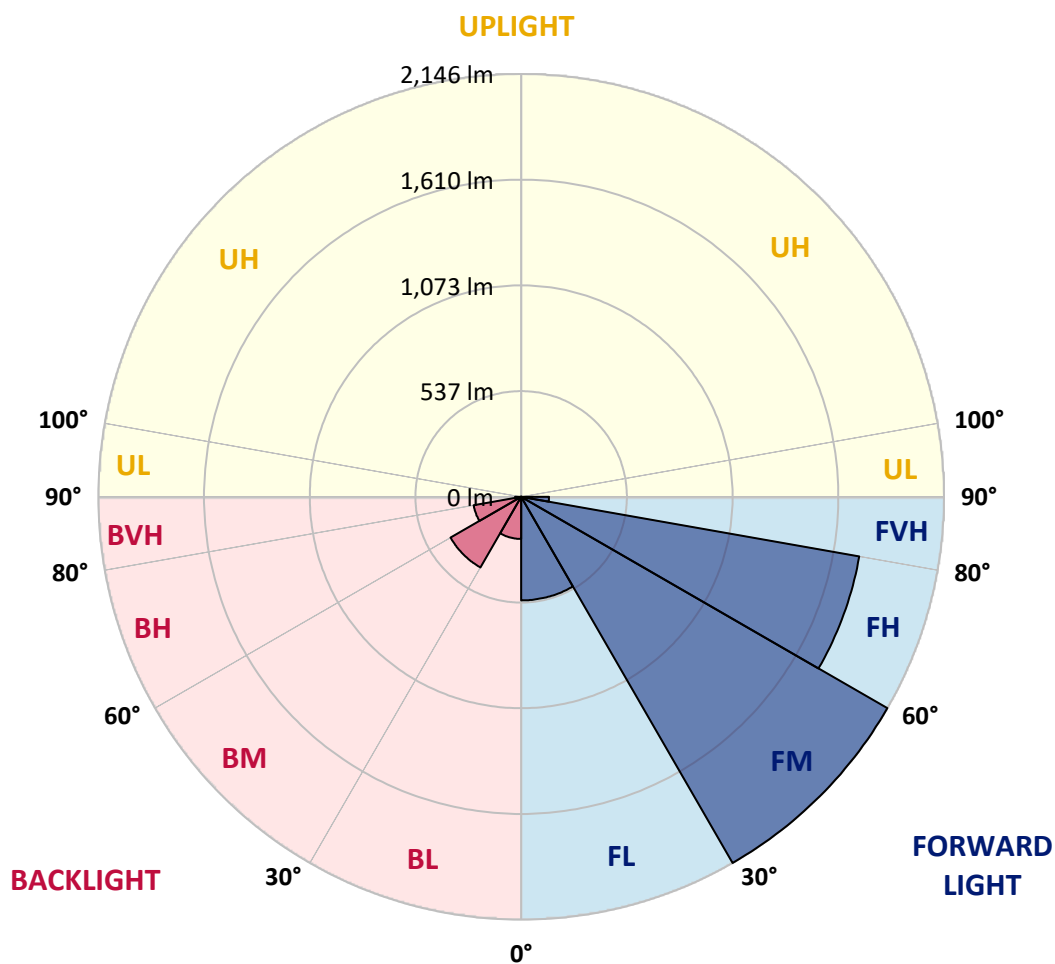
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 525.7  | 9.6       |                         |      |         |
| FM   | (30°-60°)   | 2146.0 | 39.3      |                         |      |         |
| FH   | (60°-80°)   | 1742.4 | 31.9      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 141.6  | 2.6       |                         |      | G2/225  |
| BL   | (0°-30°)    | 213.7  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 413.9  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 244.9  | 4.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 30.8   | 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-G2**

Type IV Short





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

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 |
| 2.5°  | 1916.3 | 1947.0 | 2006.7 | 2051.4 | 2105.8 | 2118.4 | 2135.8 | 2118.7 | 2088.4 | 2048.1 | 2035.0 |
| 5°    | 1802.1 | 1867.5 | 2012.4 | 2140.0 | 2253.4 | 2306.2 | 2321.0 | 2277.4 | 2189.5 | 2074.0 | 2003.4 |
| 7.5°  | 1618.7 | 1711.8 | 1908.0 | 2095.9 | 2263.0 | 2361.7 | 2359.3 | 2258.2 | 2096.5 | 1908.2 | 1795.1 |
| 10°   | 1460.5 | 1566.8 | 1791.9 | 2002.0 | 2179.3 | 2275.0 | 2238.0 | 2108.8 | 1915.7 | 1699.1 | 1576.4 |
| 12.5° | 1372.1 | 1476.2 | 1704.5 | 1915.5 | 2063.7 | 2096.8 | 2068.5 | 1941.9 | 1760.0 | 1541.0 | 1433.5 |
| 15°   | 1356.7 | 1471.1 | 1669.8 | 1841.4 | 1924.5 | 1895.8 | 1862.1 | 1805.4 | 1676.9 | 1489.9 | 1378.0 |
| 17.5° | 1423.1 | 1549.1 | 1709.7 | 1789.8 | 1775.7 | 1725.5 | 1715.9 | 1722.3 | 1691.4 | 1546.6 | 1417.6 |
| 20°   | 1550.3 | 1701.5 | 1804.8 | 1765.5 | 1662.6 | 1593.5 | 1595.9 | 1692.3 | 1783.7 | 1690.4 | 1543.0 |
| 22.5° | 1728.8 | 1901.4 | 1941.9 | 1778.4 | 1614.8 | 1532.9 | 1552.8 | 1708.8 | 1931.1 | 1900.6 | 1712.3 |
| 25°   | 1959.9 | 2117.2 | 2088.1 | 1825.1 | 1619.6 | 1540.4 | 1556.3 | 1765.8 | 2105.1 | 2110.6 | 1921.9 |
| 27.5° | 2183.7 | 2329.7 | 2210.7 | 1887.3 | 1639.5 | 1558.1 | 1579.2 | 1855.4 | 2271.4 | 2338.6 | 2161.3 |
| 30°   | 2358.4 | 2459.9 | 2259.3 | 1944.0 | 1678.4 | 1592.6 | 1618.7 | 1940.7 | 2347.1 | 2492.6 | 2345.6 |
| 32.5° | 2503.1 | 2576.0 | 2336.8 | 2014.2 | 1750.1 | 1646.9 | 1692.9 | 2044.2 | 2456.0 | 2639.1 | 2525.9 |
| 35°   | 2687.9 | 2708.6 | 2433.1 | 2092.6 | 1860.9 | 1741.5 | 1798.5 | 2145.7 | 2559.9 | 2787.0 | 2703.6 |
| 37.5° | 2904.7 | 2878.0 | 2524.0 | 2199.7 | 2004.1 | 1889.3 | 1936.5 | 2257.0 | 2645.3 | 2954.7 | 2885.1 |
| 40°   | 3118.9 | 3054.6 | 2638.2 | 2365.9 | 2213.0 | 2063.7 | 2119.6 | 2375.9 | 2725.2 | 3122.8 | 3062.5 |
| 42.5° | 3301.1 | 3205.9 | 2750.6 | 2548.7 | 2407.3 | 2256.1 | 2322.8 | 2495.6 | 2801.4 | 3266.2 | 3216.4 |
| 45°   | 3435.8 | 3317.5 | 2857.8 | 2724.2 | 2675.3 | 2511.8 | 2543.3 | 2632.7 | 2883.9 | 3386.0 | 3343.0 |
| 47.5° | 3556.1 | 3429.7 | 2979.0 | 2901.3 | 2909.7 | 2844.3 | 2793.5 | 2792.3 | 2981.2 | 3483.8 | 3462.8 |
| 50°   | 3717.2 | 3585.5 | 3109.2 | 3083.7 | 3261.4 | 3217.9 | 3105.9 | 2978.7 | 3104.2 | 3594.9 | 3592.4 |
| 52.5° | 3939.3 | 3832.3 | 3268.3 | 3280.3 | 3589.8 | 3618.2 | 3479.5 | 3202.7 | 3296.8 | 3798.6 | 3784.3 |
| 55°   | 4202.0 | 4139.4 | 3485.1 | 3506.3 | 3992.4 | 4012.9 | 3875.0 | 3482.5 | 3580.2 | 4093.7 | 4053.7 |
| 57.5° | 4406.9 | 4393.7 | 3722.7 | 3777.6 | 4293.2 | 4385.0 | 4258.4 | 3806.8 | 3899.4 | 4342.1 | 4241.8 |
| 60°   | 4488.5 | 4552.4 | 3975.7 | 4051.3 | 4571.4 | 4673.0 | 4562.0 | 4091.4 | 4182.4 | 4445.0 | 4229.0 |
| 62.5° | 4444.5 | 4587.2 | 4245.1 | 4238.8 | 4633.5 | 4743.0 | 4664.9 | 4249.9 | 4392.2 | 4338.8 | 4015.0 |
| 65°   | 4240.7 | 4462.1 | 4401.5 | 4190.5 | 4421.0 | 4429.9 | 4404.7 | 4179.1 | 4441.7 | 4003.0 | 3601.4 |
| 67.5° | 3796.7 | 4115.5 | 4195.6 | 3776.5 | 3847.8 | 3789.3 | 3746.9 | 3791.4 | 4183.6 | 3499.7 | 3026.7 |
| 70°   | 3092.5 | 3572.1 | 3610.4 | 3020.5 | 2988.0 | 2948.7 | 2864.4 | 3108.4 | 3674.4 | 2868.3 | 2401.7 |
| 72.5° | 2273.9 | 2778.0 | 2895.9 | 2215.3 | 2065.3 | 2073.3 | 2006.7 | 2342.4 | 2987.5 | 2130.7 | 1793.1 |
| 75°   | 1555.7 | 2011.5 | 2265.8 | 1545.8 | 1365.8 | 1369.0 | 1360.6 | 1659.8 | 2379.5 | 1482.1 | 1341.8 |
| 77.5° | 1136.5 | 1437.1 | 1708.8 | 1039.2 | 1008.9 | 990.3  | 985.8  | 1161.3 | 1824.3 | 1076.2 | 1041.9 |
| 80°   | 911.9  | 1061.8 | 1147.8 | 720.2  | 774.5  | 773.0  | 748.1  | 798.5  | 1191.3 | 787.1  | 779.3  |
| 82.5° | 632.6  | 816.0  | 930.0  | 564.4  | 522.8  | 514.0  | 520.1  | 594.7  | 842.1  | 538.0  | 511.6  |
| 85°   | 333.8  | 541.9  | 921.0  | 500.2  | 310.3  | 247.5  | 307.9  | 487.0  | 729.6  | 285.1  | 249.6  |
| 87.5° | 42.7   | 156.7  | 609.7  | 199.6  | 122.5  | 66.0   | 146.2  | 274.2  | 468.5  | 58.2   | 50.8   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   | 185°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 |
| 2.5°  | 2001.1 | 1961.1 | 1908.9 | 1860.5 | 1810.4 | 1760.6 | 1695.5 | 1654.7 | 1626.5 | 1621.1 | 1609.2 |
| 5°    | 1952.5 | 1819.8 | 1719.5 | 1632.8 | 1554.2 | 1443.1 | 1381.6 | 1330.6 | 1303.3 | 1300.6 | 1294.0 |
| 7.5°  | 1728.2 | 1545.2 | 1409.9 | 1287.1 | 1175.8 | 1086.0 | 987.0  | 940.9  | 921.9  | 926.4  | 930.8  |
| 10°   | 1495.0 | 1290.4 | 1134.9 | 1009.5 | 911.4  | 835.8  | 756.3  | 702.6  | 665.3  | 657.8  | 656.3  |
| 12.5° | 1324.6 | 1100.2 | 949.3  | 860.6  | 784.8  | 713.6  | 629.3  | 565.9  | 517.7  | 501.1  | 490.1  |
| 15°   | 1252.5 | 1007.1 | 849.0  | 753.5  | 669.8  | 579.4  | 501.1  | 434.8  | 390.5  | 376.0  | 368.0  |
| 17.5° | 1267.9 | 981.3  | 779.9  | 657.8  | 550.7  | 456.4  | 357.7  | 300.9  | 274.2  | 267.4  | 267.4  |
| 20°   | 1348.4 | 976.5  | 722.9  | 569.6  | 436.0  | 326.7  | 245.8  | 213.3  | 204.7  | 203.8  | 206.1  |
| 22.5° | 1461.2 | 993.4  | 680.4  | 493.1  | 338.8  | 238.6  | 191.4  | 179.4  | 175.5  | 176.5  | 179.2  |
| 25°   | 1629.2 | 1050.1 | 649.5  | 424.9  | 265.9  | 195.3  | 170.7  | 163.6  | 161.7  | 164.2  | 167.5  |
| 27.5° | 1828.5 | 1106.8 | 630.2  | 373.6  | 224.5  | 178.6  | 162.3  | 154.9  | 156.1  | 159.1  | 162.0  |
| 30°   | 2003.4 | 1153.3 | 599.9  | 337.1  | 211.6  | 179.4  | 162.3  | 152.2  | 151.0  | 151.6  | 152.5  |
| 32.5° | 2160.5 | 1184.8 | 564.4  | 302.2  | 182.5  | 159.4  | 151.6  | 150.1  | 143.4  | 141.0  | 141.4  |
| 35°   | 2295.8 | 1184.8 | 543.2  | 281.8  | 163.6  | 141.4  | 128.8  | 121.3  | 117.9  | 118.2  | 121.6  |
| 37.5° | 2426.3 | 1161.0 | 532.7  | 270.3  | 153.3  | 134.4  | 123.3  | 116.7  | 112.2  | 111.4  | 111.9  |
| 40°   | 2541.5 | 1126.6 | 520.7  | 265.6  | 145.5  | 130.2  | 119.8  | 114.3  | 109.5  | 108.0  | 108.3  |
| 42.5° | 2633.9 | 1098.6 | 507.5  | 259.3  | 140.7  | 127.2  | 117.3  | 112.5  | 107.2  | 105.6  | 105.3  |
| 45°   | 2733.9 | 1089.3 | 490.1  | 246.7  | 143.1  | 127.5  | 116.7  | 111.6  | 106.2  | 104.4  | 103.8  |
| 47.5° | 2865.6 | 1118.5 | 472.1  | 231.7  | 148.3  | 129.1  | 117.6  | 111.6  | 105.9  | 104.4  | 103.8  |
| 50°   | 3031.5 | 1186.9 | 449.2  | 209.7  | 143.1  | 133.3  | 117.3  | 110.7  | 105.9  | 104.4  | 103.3  |
| 52.5° | 3244.6 | 1279.3 | 419.3  | 184.6  | 140.1  | 143.4  | 116.7  | 108.9  | 104.4  | 102.4  | 100.2  |
| 55°   | 3503.6 | 1354.9 | 383.4  | 163.9  | 133.3  | 140.7  | 115.8  | 106.9  | 102.1  | 99.1   | 97.2   |
| 57.5° | 3693.3 | 1382.2 | 337.7  | 150.4  | 123.6  | 136.2  | 114.6  | 104.1  | 99.1   | 96.6   | 94.3   |
| 60°   | 3655.8 | 1329.4 | 298.9  | 141.9  | 117.9  | 123.0  | 113.7  | 101.7  | 96.3   | 94.6   | 92.4   |
| 62.5° | 3355.4 | 1191.3 | 273.9  | 138.0  | 114.3  | 112.2  | 114.6  | 99.4   | 94.0   | 92.1   | 91.5   |
| 65°   | 2904.9 | 987.5  | 264.1  | 137.2  | 111.4  | 105.9  | 106.6  | 96.6   | 91.2   | 89.7   | 89.1   |
| 67.5° | 2396.2 | 797.1  | 255.4  | 140.1  | 107.5  | 101.4  | 98.5   | 93.0   | 88.5   | 87.0   | 85.8   |
| 70°   | 1889.6 | 662.9  | 251.4  | 138.3  | 102.7  | 96.9   | 93.7   | 89.1   | 85.2   | 83.7   | 82.8   |
| 72.5° | 1521.7 | 560.0  | 249.3  | 136.5  | 96.3   | 90.9   | 87.9   | 84.0   | 79.8   | 79.2   | 78.3   |
| 75°   | 1287.8 | 440.2  | 228.4  | 130.8  | 89.1   | 83.7   | 81.6   | 78.0   | 73.8   | 73.8   | 73.3   |
| 77.5° | 993.4  | 318.4  | 190.0  | 115.8  | 81.6   | 75.6   | 73.8   | 71.1   | 66.3   | 67.2   | 66.9   |
| 80°   | 733.8  | 207.7  | 148.6  | 96.1   | 72.4   | 66.6   | 65.7   | 63.0   | 57.9   | 59.1   | 59.1   |
| 82.5° | 502.7  | 136.2  | 106.9  | 78.6   | 61.8   | 56.4   | 56.4   | 53.7   | 48.0   | 48.6   | 50.5   |
| 85°   | 252.4  | 93.7   | 79.8   | 60.9   | 48.0   | 45.3   | 45.3   | 43.3   | 37.5   | 37.8   | 40.2   |
| 87.5° | 76.9   | 56.4   | 52.8   | 43.5   | 34.5   | 33.9   | 32.3   | 30.9   | 27.3   | 27.0   | 28.5   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   | 285°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 |
| 2.5°  | 1590.8 | 1573.6 | 1553.1 | 1507.4 | 1492.1 | 1491.1 | 1505.0 | 1490.5 | 1518.2 | 1506.5 | 1519.4 |
| 5°    | 1282.8 | 1266.2 | 1243.0 | 1184.8 | 1149.4 | 1125.3 | 1114.0 | 1080.4 | 1104.6 | 1086.9 | 1101.7 |
| 7.5°  | 943.5  | 947.4  | 932.1  | 897.9  | 820.8  | 782.1  | 759.3  | 738.8  | 756.6  | 754.7  | 783.0  |
| 10°   | 663.2  | 673.7  | 662.9  | 628.5  | 565.9  | 544.7  | 548.9  | 556.9  | 580.1  | 592.0  | 635.6  |
| 12.5° | 477.5  | 476.9  | 470.0  | 439.1  | 398.0  | 400.3  | 417.4  | 431.5  | 452.8  | 465.5  | 509.8  |
| 15°   | 356.5  | 351.1  | 348.1  | 322.8  | 299.5  | 304.6  | 313.0  | 314.5  | 328.0  | 335.5  | 371.6  |
| 17.5° | 269.5  | 272.2  | 275.4  | 257.5  | 239.7  | 236.4  | 229.9  | 221.7  | 225.7  | 227.2  | 245.1  |
| 20°   | 213.9  | 224.7  | 232.9  | 220.3  | 202.3  | 192.6  | 184.2  | 178.9  | 178.9  | 178.6  | 183.6  |
| 22.5° | 186.9  | 194.7  | 203.5  | 194.7  | 178.6  | 170.1  | 165.3  | 161.1  | 160.5  | 160.5  | 165.3  |
| 25°   | 172.3  | 178.0  | 186.4  | 180.4  | 168.3  | 162.0  | 157.5  | 152.2  | 150.1  | 149.4  | 152.8  |
| 27.5° | 165.0  | 167.5  | 171.7  | 166.2  | 156.1  | 153.0  | 151.9  | 147.1  | 144.3  | 142.8  | 146.2  |
| 30°   | 152.8  | 152.2  | 152.5  | 147.1  | 138.9  | 138.6  | 140.7  | 141.6  | 140.7  | 140.4  | 145.5  |
| 32.5° | 141.4  | 140.1  | 139.8  | 135.0  | 127.5  | 125.8  | 127.5  | 129.4  | 131.4  | 134.4  | 140.4  |
| 35°   | 126.9  | 130.0  | 131.7  | 127.5  | 118.5  | 113.1  | 111.1  | 107.7  | 105.9  | 105.9  | 112.8  |
| 37.5° | 115.5  | 122.5  | 125.2  | 121.3  | 111.4  | 103.8  | 100.2  | 99.7   | 100.0  | 101.1  | 107.7  |
| 40°   | 111.6  | 116.7  | 119.0  | 115.2  | 105.3  | 98.5   | 96.3   | 95.8   | 96.3   | 98.2   | 104.7  |
| 42.5° | 109.2  | 112.8  | 112.5  | 107.7  | 99.7   | 94.9   | 93.7   | 93.0   | 93.7   | 95.5   | 102.7  |
| 45°   | 107.2  | 109.5  | 107.2  | 101.4  | 94.0   | 91.5   | 91.8   | 91.5   | 92.1   | 94.0   | 100.8  |
| 47.5° | 105.3  | 106.2  | 103.3  | 97.5   | 89.7   | 89.1   | 90.3   | 91.2   | 91.8   | 93.4   | 100.5  |
| 50°   | 102.7  | 102.7  | 100.0  | 94.0   | 86.1   | 86.4   | 87.9   | 90.0   | 90.3   | 92.1   | 97.9   |
| 52.5° | 99.4   | 99.1   | 97.2   | 91.5   | 83.1   | 84.0   | 84.0   | 86.4   | 87.0   | 89.1   | 95.2   |
| 55°   | 96.6   | 96.1   | 95.2   | 89.7   | 80.5   | 81.9   | 81.1   | 81.9   | 83.4   | 85.5   | 92.1   |
| 57.5° | 94.3   | 93.0   | 93.0   | 88.2   | 78.3   | 78.9   | 76.9   | 78.0   | 79.8   | 81.6   | 88.5   |
| 60°   | 91.8   | 90.6   | 91.2   | 86.1   | 75.0   | 74.4   | 73.6   | 75.9   | 76.6   | 78.6   | 85.5   |
| 62.5° | 89.1   | 88.2   | 88.5   | 83.7   | 72.7   | 71.1   | 71.1   | 73.3   | 73.6   | 76.6   | 83.1   |
| 65°   | 87.0   | 85.8   | 85.5   | 81.3   | 69.9   | 68.2   | 69.1   | 69.9   | 70.5   | 73.6   | 79.8   |
| 67.5° | 84.9   | 82.5   | 82.5   | 79.2   | 66.9   | 65.1   | 66.9   | 66.6   | 67.6   | 70.2   | 75.3   |
| 70°   | 82.2   | 78.9   | 79.2   | 77.7   | 63.9   | 61.8   | 63.3   | 63.0   | 63.6   | 65.4   | 70.5   |
| 72.5° | 78.0   | 75.3   | 75.9   | 75.3   | 60.9   | 57.9   | 58.5   | 58.5   | 58.5   | 60.0   | 65.4   |
| 75°   | 72.7   | 70.5   | 72.4   | 73.8   | 57.3   | 53.1   | 53.7   | 53.7   | 52.8   | 53.7   | 60.3   |
| 77.5° | 66.0   | 64.8   | 70.8   | 68.8   | 53.1   | 48.0   | 48.0   | 47.4   | 45.7   | 46.9   | 54.0   |
| 80°   | 58.8   | 57.9   | 65.4   | 57.6   | 48.3   | 41.8   | 41.1   | 39.6   | 37.8   | 38.7   | 46.0   |
| 82.5° | 51.3   | 50.5   | 54.9   | 44.1   | 41.8   | 34.5   | 33.0   | 30.3   | 28.5   | 29.4   | 35.9   |
| 85°   | 42.1   | 42.1   | 42.4   | 33.3   | 31.8   | 26.4   | 24.6   | 21.0   | 18.9   | 19.5   | 25.8   |
| 87.5° | 30.0   | 30.9   | 28.5   | 22.8   | 18.9   | 14.7   | 13.5   | 11.4   | 9.5    | 11.1   | 13.5   |
| 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: P298860

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

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 | 1844.4 |
| 2.5°  | 1585.4 | 1618.4 | 1655.9 | 1703.9 | 1745.1 | 1812.5 | 1877.4 | 1916.3 |
| 5°    | 1185.4 | 1240.3 | 1308.6 | 1396.7 | 1478.6 | 1601.6 | 1723.7 | 1802.1 |
| 7.5°  | 848.3  | 907.2  | 981.0  | 1090.8 | 1206.7 | 1363.6 | 1525.1 | 1618.7 |
| 10°   | 702.0  | 762.3  | 824.4  | 898.5  | 993.4  | 1164.1 | 1354.9 | 1460.5 |
| 12.5° | 580.7  | 645.2  | 712.1  | 790.2  | 878.0  | 1030.5 | 1250.5 | 1372.1 |
| 15°   | 444.4  | 516.4  | 595.3  | 694.1  | 804.2  | 980.4  | 1224.7 | 1356.7 |
| 17.5° | 304.6  | 385.1  | 481.9  | 603.8  | 738.5  | 964.2  | 1270.9 | 1423.1 |
| 20°   | 209.7  | 268.3  | 371.8  | 514.7  | 676.8  | 962.1  | 1359.7 | 1550.3 |
| 22.5° | 175.5  | 201.7  | 277.3  | 432.7  | 630.2  | 987.9  | 1497.5 | 1728.8 |
| 25°   | 162.3  | 178.0  | 221.4  | 361.6  | 596.3  | 1047.4 | 1687.2 | 1959.9 |
| 27.5° | 154.6  | 168.6  | 201.1  | 315.2  | 569.6  | 1116.3 | 1871.7 | 2183.7 |
| 30°   | 157.5  | 171.9  | 195.3  | 291.4  | 533.3  | 1173.9 | 2035.6 | 2358.4 |
| 32.5° | 141.9  | 148.3  | 167.5  | 270.3  | 507.2  | 1222.2 | 2179.0 | 2503.1 |
| 35°   | 121.0  | 132.0  | 149.4  | 260.5  | 507.7  | 1254.7 | 2335.3 | 2687.9 |
| 37.5° | 115.2  | 126.4  | 138.9  | 256.9  | 514.7  | 1289.2 | 2514.8 | 2904.7 |
| 40°   | 111.6  | 121.9  | 132.7  | 254.8  | 521.3  | 1320.7 | 2690.7 | 3118.9 |
| 42.5° | 109.2  | 118.5  | 132.0  | 247.5  | 524.6  | 1349.0 | 2835.3 | 3301.1 |
| 45°   | 108.9  | 118.5  | 134.4  | 240.3  | 529.7  | 1379.3 | 2956.6 | 3435.8 |
| 47.5° | 109.2  | 122.5  | 130.0  | 231.7  | 529.7  | 1429.9 | 3098.8 | 3556.1 |
| 50°   | 108.0  | 129.1  | 125.2  | 219.4  | 517.4  | 1526.0 | 3293.8 | 3717.2 |
| 52.5° | 107.5  | 128.2  | 115.8  | 200.5  | 496.1  | 1678.4 | 3543.8 | 3939.3 |
| 55°   | 105.9  | 123.6  | 109.2  | 172.3  | 471.2  | 1844.7 | 3811.5 | 4202.0 |
| 57.5° | 104.4  | 109.5  | 105.6  | 147.7  | 432.7  | 1961.7 | 3995.7 | 4406.9 |
| 60°   | 117.0  | 95.8   | 102.7  | 135.6  | 381.4  | 1993.8 | 3988.6 | 4488.5 |
| 62.5° | 108.3  | 89.7   | 98.8   | 133.0  | 345.4  | 1903.8 | 3804.3 | 4444.5 |
| 65°   | 84.9   | 85.8   | 94.9   | 140.7  | 335.8  | 1665.3 | 3477.8 | 4240.7 |
| 67.5° | 77.7   | 81.9   | 90.9   | 150.7  | 336.8  | 1333.3 | 2989.9 | 3796.7 |
| 70°   | 73.3   | 77.7   | 86.4   | 155.8  | 339.1  | 994.0  | 2363.8 | 3092.5 |
| 72.5° | 68.2   | 72.1   | 81.3   | 156.7  | 323.4  | 722.0  | 1821.9 | 2273.9 |
| 75°   | 62.1   | 65.7   | 74.1   | 136.5  | 268.0  | 500.8  | 1393.7 | 1555.7 |
| 77.5° | 55.2   | 57.9   | 65.1   | 105.3  | 199.0  | 320.5  | 1046.1 | 1136.5 |
| 80°   | 47.2   | 48.6   | 54.7   | 77.2   | 136.2  | 200.5  | 827.7  | 911.9  |
| 82.5° | 37.8   | 38.4   | 42.4   | 57.9   | 88.5   | 128.8  | 554.3  | 632.6  |
| 85°   | 26.7   | 26.7   | 29.1   | 42.1   | 60.3   | 81.6   | 300.9  | 333.8  |
| 87.5° | 12.6   | 12.9   | 12.9   | 23.1   | 31.5   | 41.5   | 69.4   | 42.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)