

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: P200185

Luminaire Tested: **GAP-AF-01-LED-U-T2R-1200**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P200185  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24657)  
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-T2R-1200  
Description: GALLEON PEDESTRIAN LUMINAIRE  
(1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS EACH AND TYPE II  
ROADWAY OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 7430.7 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short - Full Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 67  
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

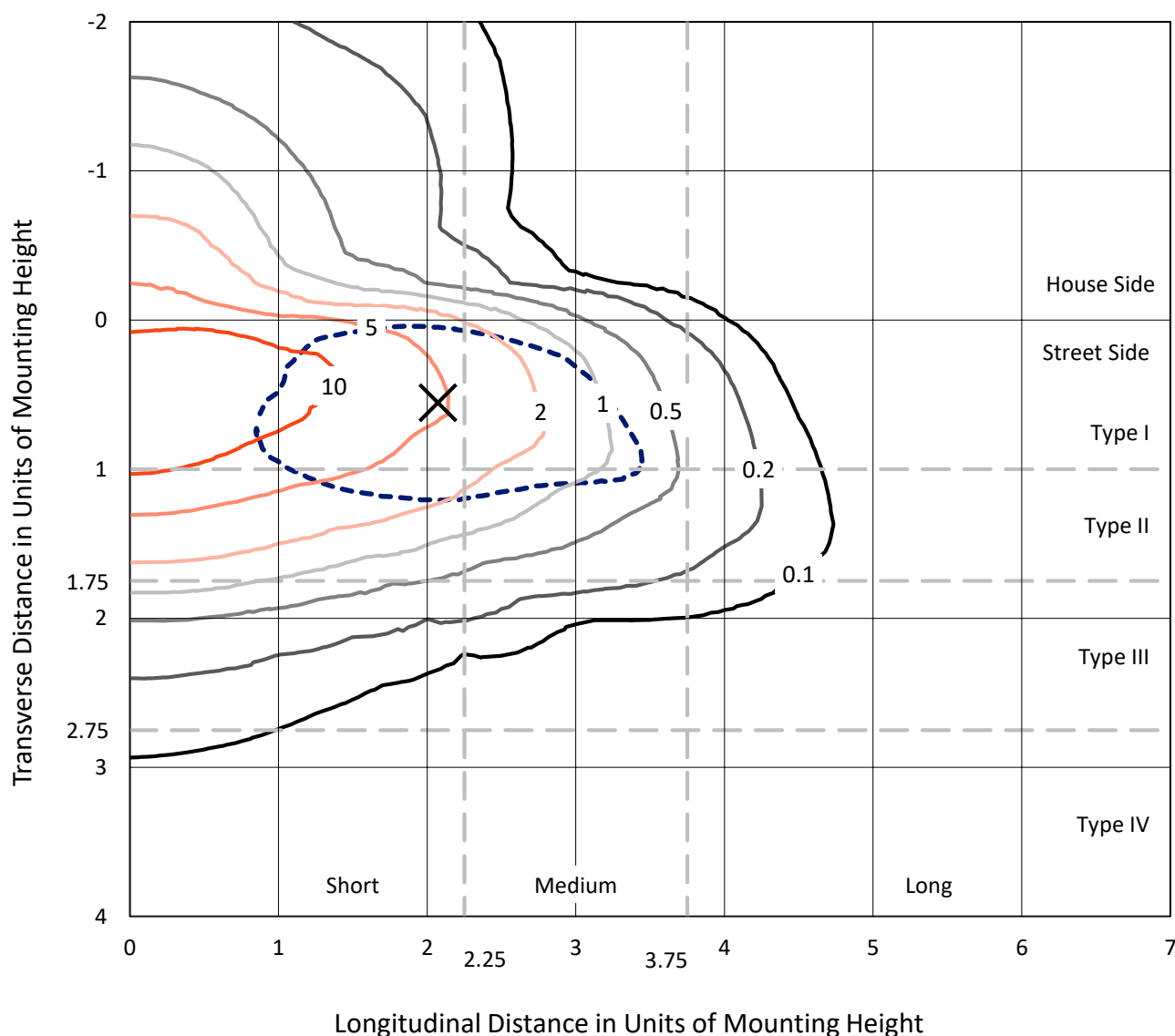


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

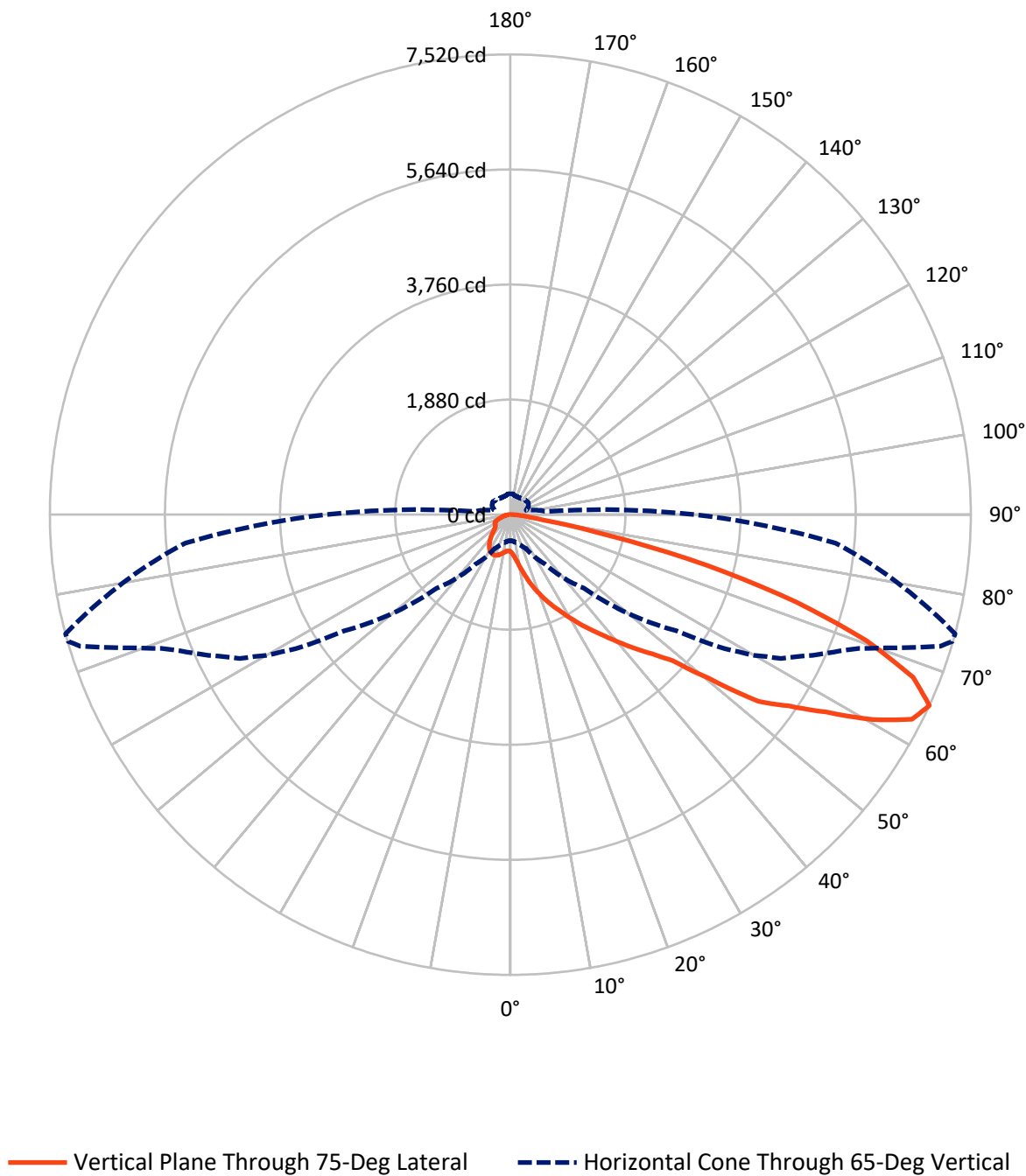


Based on 10 foot mounting height. Maximum calculated value = 18.7 fc  
 Type II - Short - Full Cutoff

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## Luminous Intensity Polar Plot



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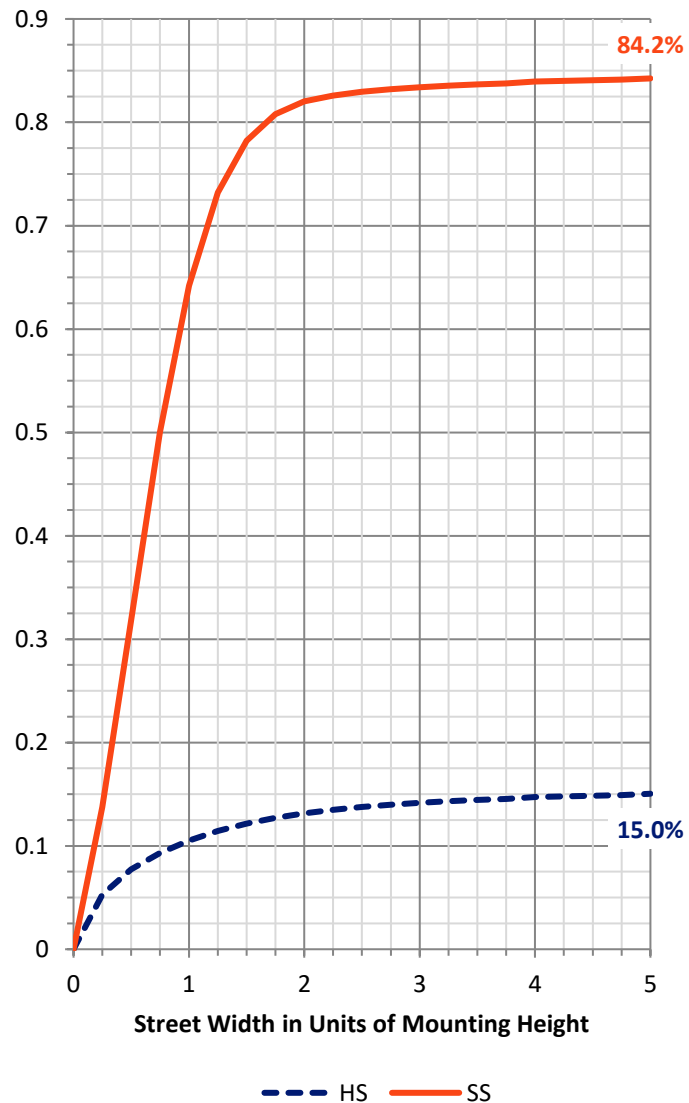
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1145.6   | 0.0    | 1145.6 |
|                    | % Fixture | 15.4     | 0.0    | 15.4   |
| <b>Street Side</b> | Lumens    | 6285.1   | 0.0    | 6285.1 |
|                    | % Fixture | 84.6     | 0.0    | 84.6   |
| <b>Total</b>       | Lumens    | 7430.7   | 0.0    | 7430.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 74.6   | 1.0       |
| 10°-20°   | 291.6  | 3.9       |
| 20°-30°   | 598.4  | 8.1       |
| 30°-40°   | 1006.7 | 13.5      |
| 40°-50°   | 1391.0 | 18.7      |
| 50°-60°   | 1736.4 | 23.4      |
| 60°-70°   | 1562.6 | 21.0      |
| 70°-80°   | 655.0  | 8.8       |
| 80°-90°   | 114.4  | 1.5       |
| 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°    | 7430.7 | 100.0     |
| 0°-180°   | 7430.7 | 100.0     |

**Coefficient of Utilization**



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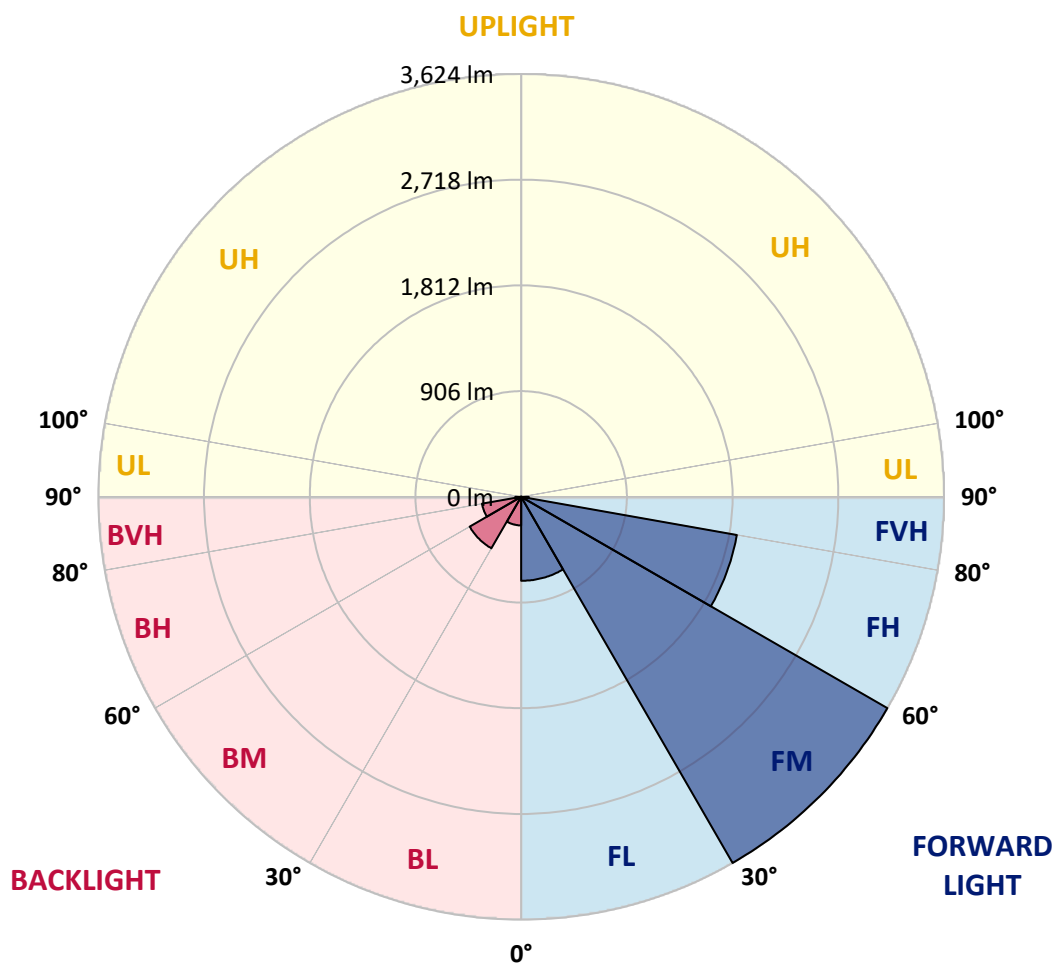
CATALOG NUMBER: GAP-AF-01-LED-U-T2R-1200

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 719.6  | 9.7       |                         |      |         |
| FM   | (30°-60°)   | 3624.1 | 48.8      |                         |      |         |
| FH   | (60°-80°)   | 1877.0 | 25.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 64.3   | 0.9       |                         |      | G1/100  |
| BL   | (0°-30°)    | 245.0  | 3.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 509.9  | 6.9       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 340.6  | 4.6       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 50.1   | 0.7       |                         |      | 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 II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 56°    | 57°    | 58°    | 59°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  |
| 2.5°  | 766.7  | 758.3  | 760.4  | 746.3  | 729.1  | 706.6  | 681.6  | 681.3  | 681.6  | 679.1  | 670.0  |
| 5°    | 1063.3 | 1053.0 | 1049.1 | 1017.5 | 971.1  | 904.9  | 833.2  | 825.4  | 822.4  | 814.2  | 795.5  |
| 7.5°  | 1279.5 | 1273.9 | 1267.9 | 1244.0 | 1201.8 | 1127.9 | 1031.5 | 1015.1 | 999.2  | 995.3  | 974.3  |
| 10°   | 1419.1 | 1417.7 | 1405.1 | 1398.8 | 1372.4 | 1308.4 | 1214.4 | 1198.6 | 1181.4 | 1175.4 | 1153.3 |
| 12.5° | 1529.6 | 1529.2 | 1523.3 | 1525.0 | 1502.2 | 1455.8 | 1374.8 | 1360.4 | 1347.7 | 1329.4 | 1313.7 |
| 15°   | 1605.9 | 1606.2 | 1615.0 | 1624.9 | 1621.4 | 1590.1 | 1514.1 | 1507.8 | 1496.9 | 1484.2 | 1465.6 |
| 17.5° | 1668.5 | 1670.3 | 1679.4 | 1697.4 | 1716.7 | 1714.3 | 1654.1 | 1648.8 | 1639.3 | 1622.1 | 1612.3 |
| 20°   | 1809.9 | 1816.6 | 1799.0 | 1799.0 | 1801.1 | 1810.6 | 1781.8 | 1777.6 | 1764.2 | 1755.1 | 1747.3 |
| 22.5° | 2048.8 | 2056.4 | 2016.7 | 1976.2 | 1936.5 | 1907.7 | 1878.9 | 1884.1 | 1875.0 | 1868.6 | 1864.0 |
| 25°   | 2358.9 | 2364.9 | 2300.5 | 2232.3 | 2151.4 | 2045.9 | 1974.5 | 1971.3 | 1966.4 | 1962.5 | 1960.5 |
| 27.5° | 2650.9 | 2653.3 | 2592.5 | 2492.6 | 2398.7 | 2247.1 | 2071.6 | 2067.7 | 2061.8 | 2054.4 | 2048.0 |
| 30°   | 2900.6 | 2899.9 | 2837.3 | 2741.9 | 2641.4 | 2473.6 | 2219.0 | 2207.0 | 2189.4 | 2169.4 | 2153.9 |
| 32.5° | 3116.8 | 3115.8 | 3047.3 | 2948.3 | 2842.9 | 2697.9 | 2420.8 | 2396.2 | 2368.7 | 2329.8 | 2306.1 |
| 35°   | 3287.0 | 3286.4 | 3221.7 | 3118.7 | 2997.7 | 2909.4 | 2652.2 | 2622.0 | 2587.1 | 2534.8 | 2498.6 |
| 37.5° | 3351.5 | 3351.5 | 3315.2 | 3244.9 | 3138.0 | 3077.4 | 2909.4 | 2872.8 | 2835.5 | 2776.1 | 2735.3 |
| 40°   | 3313.8 | 3314.6 | 3322.2 | 3309.2 | 3257.2 | 3210.7 | 3149.3 | 3127.4 | 3095.4 | 3041.9 | 2999.4 |
| 42.5° | 3187.5 | 3191.4 | 3242.8 | 3305.8 | 3331.8 | 3324.4 | 3362.0 | 3352.1 | 3329.6 | 3288.5 | 3254.7 |
| 45°   | 3027.5 | 3039.5 | 3095.8 | 3214.6 | 3352.5 | 3422.5 | 3540.3 | 3541.4 | 3537.2 | 3515.0 | 3489.0 |
| 47.5° | 2807.7 | 2824.6 | 2898.8 | 3059.5 | 3303.9 | 3517.8 | 3721.5 | 3730.9 | 3739.7 | 3725.3 | 3713.4 |
| 50°   | 2515.7 | 2535.8 | 2647.0 | 2860.1 | 3205.1 | 3616.6 | 4063.7 | 4106.5 | 4146.6 | 4141.7 | 4149.8 |
| 52.5° | 2203.1 | 2226.7 | 2362.8 | 2600.2 | 3035.3 | 3639.5 | 4282.5 | 4352.5 | 4422.4 | 4479.7 | 4540.6 |
| 55°   | 1921.0 | 1908.4 | 2044.5 | 2294.6 | 2756.0 | 3536.4 | 4479.0 | 4563.5 | 4641.5 | 4711.9 | 4784.3 |
| 57.5° | 1538.7 | 1559.5 | 1696.0 | 1943.2 | 2386.3 | 3245.6 | 4614.4 | 4737.9 | 4850.1 | 4966.5 | 5069.2 |
| 60°   | 1124.7 | 1145.5 | 1293.6 | 1544.8 | 1985.0 | 2804.5 | 4511.0 | 4698.1 | 4877.8 | 5056.2 | 5195.5 |
| 62.5° | 679.1  | 694.6  | 825.1  | 1064.3 | 1530.6 | 2281.6 | 4050.3 | 4295.8 | 4560.3 | 4773.4 | 4986.9 |
| 65°   | 422.8  | 431.6  | 479.8  | 611.3  | 983.1  | 1703.3 | 3309.2 | 3576.8 | 3861.7 | 4132.2 | 4354.2 |
| 67.5° | 346.1  | 349.2  | 358.0  | 386.2  | 539.9  | 1110.7 | 2463.1 | 2700.1 | 2957.1 | 3218.8 | 3465.8 |
| 70°   | 311.3  | 309.1  | 309.1  | 310.9  | 346.1  | 597.2  | 1612.6 | 1767.0 | 1981.1 | 2208.8 | 2434.5 |
| 72.5° | 281.0  | 278.9  | 275.1  | 269.8  | 282.4  | 364.4  | 833.6  | 950.0  | 1104.4 | 1306.6 | 1522.9 |
| 75°   | 252.6  | 249.7  | 245.1  | 238.4  | 247.2  | 275.1  | 400.3  | 449.2  | 524.4  | 632.0  | 752.7  |
| 77.5° | 223.0  | 219.4  | 215.2  | 210.3  | 221.6  | 213.8  | 234.6  | 252.2  | 281.0  | 315.5  | 360.9  |
| 80°   | 189.6  | 186.4  | 184.9  | 182.5  | 195.9  | 162.9  | 165.6  | 176.6  | 193.4  | 212.1  | 233.2  |
| 82.5° | 148.4  | 148.4  | 154.1  | 155.1  | 169.9  | 117.1  | 123.8  | 133.3  | 142.1  | 151.9  | 161.8  |
| 85°   | 97.8   | 98.5   | 117.4  | 124.9  | 134.0  | 78.8   | 92.9   | 96.1   | 103.0  | 108.6  | 112.9  |
| 87.5° | 30.6   | 33.0   | 71.7   | 79.5   | 77.0   | 44.7   | 57.0   | 58.4   | 63.3   | 67.2   | 70.7   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 60°    | 61°    | 62°    | 63°    | 64°    | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  |
| 2.5°  | 670.0  | 665.8  | 662.0  | 661.5  | 658.8  | 654.9  | 656.3  | 650.3  | 650.7  | 647.5  | 643.9  |
| 5°    | 787.9  | 785.0  | 771.0  | 767.1  | 756.6  | 749.8  | 748.8  | 734.7  | 732.9  | 724.9  | 716.1  |
| 7.5°  | 957.4  | 948.2  | 928.5  | 919.0  | 901.1  | 887.7  | 881.4  | 862.8  | 853.7  | 832.5  | 823.0  |
| 10°   | 1135.0 | 1123.4 | 1099.1 | 1085.8 | 1068.5 | 1047.1 | 1035.4 | 1008.3 | 997.8  | 978.5  | 955.2  |
| 12.5° | 1299.6 | 1288.0 | 1263.0 | 1252.8 | 1229.9 | 1207.1 | 1194.4 | 1163.8 | 1150.1 | 1119.1 | 1100.9 |
| 15°   | 1451.9 | 1440.2 | 1418.4 | 1407.9 | 1385.1 | 1366.4 | 1349.5 | 1319.3 | 1303.1 | 1274.3 | 1250.4 |
| 17.5° | 1599.6 | 1587.3 | 1568.3 | 1558.8 | 1536.6 | 1517.6 | 1499.3 | 1470.9 | 1454.3 | 1425.5 | 1404.0 |
| 20°   | 1736.8 | 1727.6 | 1713.9 | 1701.3 | 1679.1 | 1661.8 | 1640.0 | 1615.4 | 1591.5 | 1570.4 | 1550.0 |
| 22.5° | 1856.3 | 1852.8 | 1838.0 | 1832.4 | 1813.4 | 1798.7 | 1779.6 | 1755.4 | 1738.2 | 1711.4 | 1692.5 |
| 25°   | 1959.4 | 1958.3 | 1951.3 | 1949.5 | 1936.1 | 1922.1 | 1917.9 | 1897.9 | 1882.0 | 1858.4 | 1838.8 |
| 27.5° | 2048.0 | 2049.1 | 2047.3 | 2052.2 | 2048.8 | 2042.4 | 2042.7 | 2036.1 | 2026.9 | 2007.2 | 1989.9 |
| 30°   | 2146.5 | 2140.8 | 2144.0 | 2151.1 | 2153.2 | 2153.9 | 2165.5 | 2169.4 | 2168.7 | 2155.7 | 2147.2 |
| 32.5° | 2285.8 | 2272.4 | 2260.1 | 2259.1 | 2266.0 | 2268.9 | 2288.5 | 2298.8 | 2307.6 | 2310.7 | 2312.2 |
| 35°   | 2463.4 | 2436.7 | 2411.0 | 2397.3 | 2385.3 | 2388.5 | 2402.5 | 2419.1 | 2438.4 | 2451.8 | 2467.6 |
| 37.5° | 2687.1 | 2654.4 | 2609.0 | 2576.6 | 2568.5 | 2550.9 | 2560.1 | 2573.1 | 2592.2 | 2612.8 | 2640.3 |
| 40°   | 2958.3 | 2908.7 | 2857.6 | 2814.8 | 2791.5 | 2759.2 | 2758.8 | 2756.3 | 2768.0 | 2787.3 | 2826.0 |
| 42.5° | 3219.2 | 3175.2 | 3121.1 | 3076.0 | 3045.8 | 3002.6 | 2993.8 | 2970.9 | 2976.2 | 2993.1 | 3030.7 |
| 45°   | 3463.6 | 3427.4 | 3394.4 | 3342.3 | 3316.6 | 3269.9 | 3255.1 | 3228.0 | 3212.9 | 3220.7 | 3258.2 |
| 47.5° | 3700.3 | 3677.1 | 3642.6 | 3608.9 | 3589.2 | 3547.4 | 3528.4 | 3509.0 | 3489.7 | 3489.0 | 3528.4 |
| 50°   | 4161.8 | 4149.5 | 4108.7 | 4073.5 | 4083.0 | 4031.7 | 4034.8 | 3982.8 | 4006.4 | 4009.1 | 4091.8 |
| 52.5° | 4595.5 | 4638.4 | 4668.6 | 4705.6 | 4729.4 | 4734.0 | 4749.9 | 4773.4 | 4801.9 | 4858.2 | 4934.8 |
| 55°   | 4843.8 | 4897.6 | 4928.9 | 4957.0 | 5003.5 | 5013.3 | 5039.7 | 5071.0 | 5095.9 | 5159.3 | 5224.3 |
| 57.5° | 5138.9 | 5238.7 | 5287.2 | 5331.9 | 5394.5 | 5418.5 | 5462.5 | 5496.5 | 5528.9 | 5603.8 | 5682.6 |
| 60°   | 5320.7 | 5442.4 | 5541.2 | 5611.9 | 5690.4 | 5746.6 | 5813.1 | 5866.5 | 5942.5 | 6032.2 | 6149.7 |
| 62.5° | 5176.1 | 5354.8 | 5486.0 | 5607.3 | 5713.9 | 5821.5 | 5916.8 | 6016.7 | 6132.1 | 6267.8 | 6450.0 |
| 65°   | 4600.4 | 4782.2 | 5006.9 | 5132.9 | 5273.9 | 5440.0 | 5584.8 | 5746.6 | 5903.9 | 6101.5 | 6370.9 |
| 67.5° | 3703.5 | 3914.9 | 4167.4 | 4294.3 | 4456.5 | 4641.8 | 4804.4 | 5002.0 | 5185.6 | 5425.1 | 5758.2 |
| 70°   | 2669.5 | 2942.7 | 3155.2 | 3287.8 | 3477.0 | 3668.0 | 3824.8 | 4054.9 | 4206.8 | 4452.3 | 4796.6 |
| 72.5° | 1690.3 | 1906.0 | 2166.2 | 2333.2 | 2501.3 | 2694.8 | 2855.2 | 3053.5 | 3195.3 | 3419.0 | 3730.9 |
| 75°   | 908.8  | 1067.8 | 1296.4 | 1455.0 | 1635.1 | 1800.4 | 1988.2 | 2121.2 | 2225.9 | 2402.9 | 2656.1 |
| 77.5° | 426.0  | 522.6  | 638.3  | 760.4  | 882.4  | 1009.8 | 1133.5 | 1241.1 | 1286.2 | 1387.5 | 1537.0 |
| 80°   | 258.5  | 289.8  | 323.6  | 361.2  | 412.2  | 453.4  | 507.9  | 547.3  | 550.0  | 582.1  | 627.8  |
| 82.5° | 172.7  | 184.3  | 194.5  | 204.0  | 217.0  | 227.2  | 238.9  | 252.6  | 258.2  | 265.6  | 280.3  |
| 85°   | 117.8  | 123.5  | 125.5  | 131.6  | 130.1  | 133.7  | 138.2  | 142.8  | 145.3  | 145.0  | 151.6  |
| 87.5° | 72.4   | 75.3   | 76.7   | 78.1   | 77.0   | 75.6   | 77.7   | 80.2   | 80.9   | 78.8   | 79.5   |
| 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):**

|       | 71°    | 72°    | 73°    | 74°    | 75°    | 85°    | 90°    | 95°   | 105°  | 115°  | 125°  |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0°    | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8  | 603.8 | 603.8 | 603.8 | 603.8 |
| 2.5°  | 644.7  | 641.5  | 638.3  | 636.3  | 635.6  | 616.9  | 608.9  | 603.5 | 592.3 | 583.2 | 575.7 |
| 5°    | 711.2  | 704.5  | 699.2  | 692.8  | 689.4  | 642.2  | 625.0  | 613.1 | 593.3 | 581.8 | 571.2 |
| 7.5°  | 818.1  | 799.4  | 788.5  | 776.2  | 765.7  | 680.6  | 652.0  | 633.4 | 606.0 | 590.5 | 578.6 |
| 10°   | 939.4  | 920.0  | 902.9  | 883.8  | 867.4  | 731.5  | 690.1  | 661.2 | 625.0 | 605.0 | 589.1 |
| 12.5° | 1074.8 | 1055.8 | 1034.0 | 1009.8 | 988.7  | 796.3  | 738.6  | 697.4 | 647.8 | 621.1 | 598.9 |
| 15°   | 1234.9 | 1201.5 | 1175.1 | 1146.9 | 1122.3 | 873.6  | 795.2  | 738.3 | 672.1 | 635.9 | 606.3 |
| 17.5° | 1383.6 | 1348.5 | 1312.5 | 1288.0 | 1259.5 | 960.6  | 852.2  | 779.7 | 692.1 | 645.4 | 607.7 |
| 20°   | 1528.9 | 1490.5 | 1459.6 | 1426.5 | 1396.6 | 1050.6 | 913.1  | 816.3 | 705.2 | 645.8 | 598.9 |
| 22.5° | 1656.9 | 1633.0 | 1598.6 | 1562.7 | 1532.4 | 1140.6 | 970.1  | 847.3 | 710.1 | 637.6 | 583.5 |
| 25°   | 1802.5 | 1777.2 | 1735.0 | 1704.7 | 1671.0 | 1232.3 | 1025.9 | 871.1 | 707.3 | 622.6 | 559.6 |
| 27.5° | 1957.9 | 1929.8 | 1886.6 | 1854.9 | 1814.1 | 1327.7 | 1077.3 | 888.4 | 696.7 | 597.9 | 527.5 |
| 30°   | 2120.1 | 2094.4 | 2051.8 | 2019.9 | 1978.7 | 1428.7 | 1134.7 | 900.0 | 675.7 | 563.7 | 490.3 |
| 32.5° | 2294.2 | 2272.8 | 2230.5 | 2197.1 | 2153.2 | 1538.0 | 1188.1 | 903.6 | 643.6 | 523.3 | 450.9 |
| 35°   | 2459.5 | 2444.8 | 2409.3 | 2378.0 | 2332.2 | 1641.4 | 1244.7 | 901.8 | 605.7 | 479.0 | 415.0 |
| 37.5° | 2645.6 | 2636.8 | 2619.2 | 2579.5 | 2523.5 | 1781.8 | 1312.5 | 894.4 | 559.2 | 435.1 | 387.6 |
| 40°   | 2843.9 | 2844.6 | 2825.6 | 2798.6 | 2746.5 | 1952.0 | 1393.5 | 879.9 | 508.6 | 396.4 | 362.6 |
| 42.5° | 3053.9 | 3064.8 | 3055.7 | 3036.3 | 2986.4 | 2123.6 | 1490.2 | 862.3 | 459.3 | 358.7 | 338.0 |
| 45°   | 3294.5 | 3307.8 | 3321.9 | 3293.4 | 3244.9 | 2350.1 | 1617.5 | 839.5 | 406.2 | 327.4 | 321.1 |
| 47.5° | 3571.9 | 3593.1 | 3605.7 | 3606.1 | 3557.5 | 2630.8 | 1824.3 | 825.8 | 359.1 | 306.4 | 313.0 |
| 50°   | 4157.6 | 4164.2 | 4194.2 | 4246.2 | 4208.9 | 3280.4 | 2185.5 | 817.3 | 327.1 | 293.3 | 307.1 |
| 52.5° | 5001.3 | 5074.9 | 5126.5 | 5123.0 | 5072.4 | 3693.0 | 2384.6 | 773.8 | 308.1 | 288.4 | 304.2 |
| 55°   | 5344.9 | 5436.8 | 5532.4 | 5557.7 | 5518.3 | 4045.1 | 2572.7 | 730.2 | 298.9 | 292.0 | 305.2 |
| 57.5° | 5802.9 | 5957.7 | 6088.8 | 6144.0 | 6087.1 | 4495.6 | 2820.4 | 707.3 | 296.1 | 301.5 | 312.0 |
| 60°   | 6337.8 | 6529.2 | 6701.5 | 6800.7 | 6800.7 | 5013.3 | 3077.1 | 697.8 | 292.3 | 315.5 | 323.3 |
| 62.5° | 6681.4 | 6962.5 | 7222.7 | 7368.0 | 7363.8 | 5373.8 | 3191.1 | 665.4 | 283.5 | 325.3 | 338.7 |
| 65°   | 6682.8 | 7017.0 | 7348.7 | 7511.8 | 7520.3 | 5329.5 | 3002.9 | 587.7 | 267.3 | 326.7 | 354.1 |
| 67.5° | 6125.7 | 6482.0 | 6868.6 | 7051.1 | 7093.3 | 4906.0 | 2599.5 | 483.2 | 240.9 | 312.7 | 359.8 |
| 70°   | 5173.7 | 5521.5 | 5916.1 | 6095.5 | 6170.4 | 4182.2 | 2093.8 | 372.5 | 207.1 | 281.7 | 348.2 |
| 72.5° | 4075.9 | 4417.1 | 4691.9 | 4823.0 | 4881.4 | 3196.7 | 1524.7 | 281.4 | 169.9 | 237.4 | 316.9 |
| 75°   | 2885.7 | 3141.8 | 3287.8 | 3317.0 | 3326.1 | 1927.0 | 926.4  | 209.3 | 139.9 | 184.6 | 267.6 |
| 77.5° | 1628.7 | 1738.5 | 1726.5 | 1739.5 | 1631.2 | 743.9  | 403.5  | 149.9 | 115.4 | 140.3 | 207.6 |
| 80°   | 635.9  | 655.6  | 615.8  | 603.5  | 553.6  | 276.8  | 178.0  | 104.4 | 92.2  | 106.2 | 145.3 |
| 82.5° | 280.3  | 289.5  | 281.0  | 283.2  | 270.8  | 142.8  | 106.6  | 75.6  | 70.4  | 77.7  | 96.4  |
| 85°   | 154.4  | 157.2  | 156.5  | 161.1  | 154.4  | 57.0   | 50.6   | 46.4  | 49.2  | 52.8  | 61.9  |
| 87.5° | 75.3   | 76.0   | 73.6   | 77.3   | 74.9   | 28.8   | 25.0   | 26.4  | 28.8  | 29.6  | 29.6  |
| 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: P200185

CATALOG NUMBER: GAP-AF-01-LED-U-T2R-1200

**CANDELA DISTRIBUTION (continued):**

|       | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 603.8 | 603.8 | 603.8 | 603.8 | 603.8 | 603.8 |
| 2.5°  | 570.5 | 567.6 | 568.0 | 567.3 | 565.9 | 565.9 |
| 5°    | 565.6 | 562.7 | 562.7 | 562.0 | 560.3 | 560.6 |
| 7.5°  | 570.5 | 565.9 | 564.2 | 561.7 | 559.2 | 559.2 |
| 10°   | 576.1 | 568.0 | 563.1 | 558.8 | 555.7 | 555.7 |
| 12.5° | 580.3 | 567.6 | 559.6 | 553.9 | 550.8 | 550.8 |
| 15°   | 581.8 | 565.2 | 553.9 | 547.3 | 544.4 | 544.1 |
| 17.5° | 577.1 | 555.7 | 542.0 | 534.3 | 530.7 | 529.7 |
| 20°   | 563.1 | 538.5 | 521.9 | 513.1 | 508.2 | 506.5 |
| 22.5° | 542.0 | 513.8 | 494.5 | 485.4 | 479.0 | 478.0 |
| 25°   | 512.4 | 482.2 | 463.2 | 454.4 | 450.9 | 449.8 |
| 27.5° | 478.0 | 449.8 | 433.6 | 428.0 | 424.8 | 424.5 |
| 30°   | 445.3 | 421.4 | 409.4 | 405.2 | 401.3 | 400.6 |
| 32.5° | 414.7 | 399.6 | 395.0 | 389.0 | 379.8 | 378.8 |
| 35°   | 392.8 | 391.5 | 388.3 | 374.9 | 363.7 | 360.5 |
| 37.5° | 379.5 | 392.5 | 376.3 | 350.0 | 341.9 | 341.2 |
| 40°   | 371.7 | 381.6 | 353.8 | 344.6 | 345.3 | 344.6 |
| 42.5° | 354.1 | 364.4 | 354.6 | 350.3 | 353.1 | 353.8 |
| 45°   | 336.6 | 347.8 | 359.8 | 357.0 | 363.7 | 363.7 |
| 47.5° | 326.7 | 343.6 | 359.5 | 359.5 | 369.3 | 372.8 |
| 50°   | 315.5 | 340.1 | 353.8 | 358.7 | 366.5 | 363.7 |
| 52.5° | 314.8 | 334.1 | 345.8 | 354.6 | 358.0 | 354.9 |
| 55°   | 315.9 | 329.2 | 337.7 | 347.5 | 351.7 | 352.1 |
| 57.5° | 317.2 | 326.4 | 332.0 | 336.6 | 349.2 | 349.2 |
| 60°   | 320.8 | 324.0 | 327.1 | 329.6 | 346.1 | 346.5 |
| 62.5° | 326.4 | 321.5 | 320.8 | 323.3 | 344.3 | 342.9 |
| 65°   | 335.2 | 317.9 | 312.7 | 315.2 | 342.6 | 338.4 |
| 67.5° | 347.2 | 312.7 | 302.5 | 304.2 | 341.2 | 332.0 |
| 70°   | 358.0 | 304.2 | 289.8 | 288.1 | 327.8 | 311.6 |
| 72.5° | 359.1 | 294.4 | 272.2 | 267.0 | 284.9 | 269.4 |
| 75°   | 341.5 | 287.7 | 252.9 | 237.4 | 235.3 | 233.2 |
| 77.5° | 307.7 | 283.9 | 230.4 | 206.1 | 201.9 | 203.3 |
| 80°   | 257.5 | 269.4 | 203.3 | 174.4 | 197.3 | 194.9 |
| 82.5° | 192.4 | 237.7 | 172.7 | 154.4 | 154.1 | 136.2 |
| 85°   | 106.9 | 185.4 | 140.7 | 115.7 | 80.5  | 78.1  |
| 87.5° | 29.9  | 103.0 | 98.5  | 65.5  | 44.7  | 46.4  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)