

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: P200345

Luminaire Tested: **GPC-AF-01-LED-E1-T2R-7050-1200**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P200345
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: MCGRAW-EDISON
Catalog Number: GPC-AF-01-LED-E1-T2R-7050-1200
Description: GALLEON PEDESTRIAN LUMINAIRE
(1) 70 CRI, 5000K, 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: 7264 lumens
Efficiency: N/A
Efficacy: 108.4 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

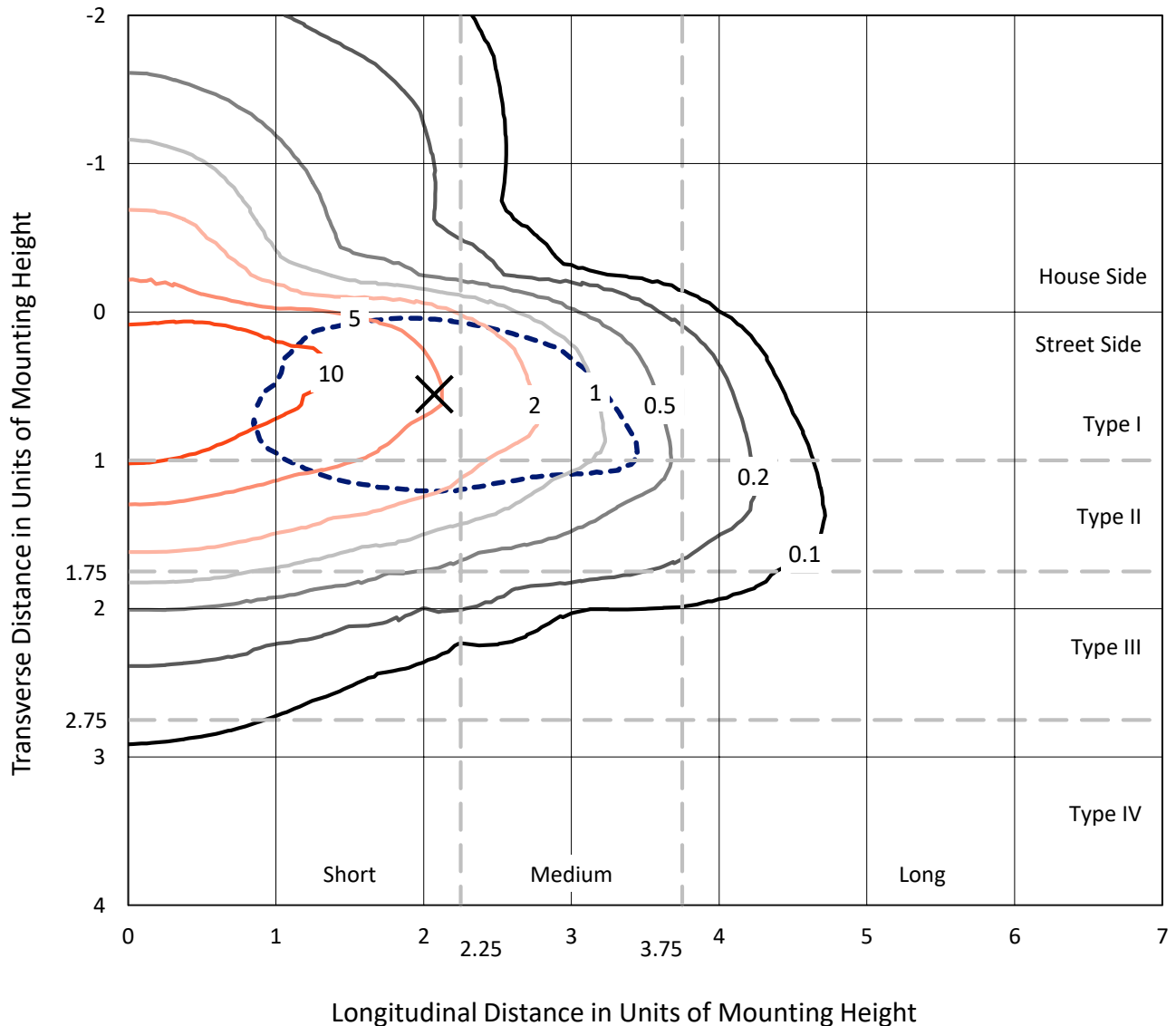
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

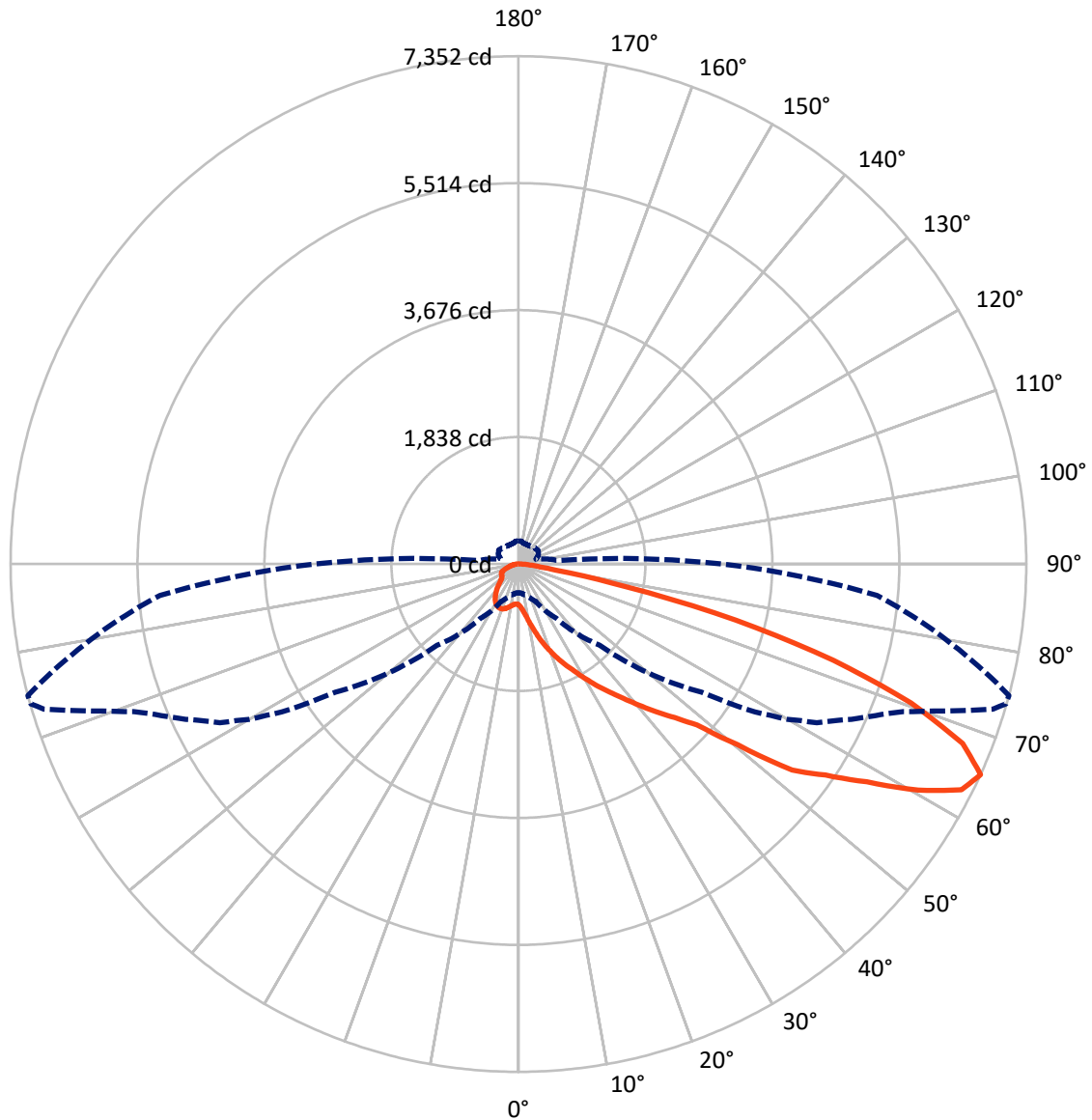
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.3 fc
 Type II - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1119.9 | 0.0 | 1119.9 |
| | % Fixture | 15.4 | 0.0 | 15.4 |
| Street Side | Lumens | 6144.1 | 0.0 | 6144.1 |
| | % Fixture | 84.6 | 0.0 | 84.6 |
| Total | Lumens | 7264.0 | 0.0 | 7264.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.0 | 1.0 |
| 10°-20° | 285.1 | 3.9 |
| 20°-30° | 584.9 | 8.1 |
| 30°-40° | 984.1 | 13.5 |
| 40°-50° | 1359.8 | 18.7 |
| 50°-60° | 1697.4 | 23.4 |
| 60°-70° | 1527.5 | 21.0 |
| 70°-80° | 640.3 | 8.8 |
| 80°-90° | 111.9 | 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° | 7264.0 | 100.0 |
| 0°-180° | 7264.0 | 100.0 |

Coefficient of Utilization



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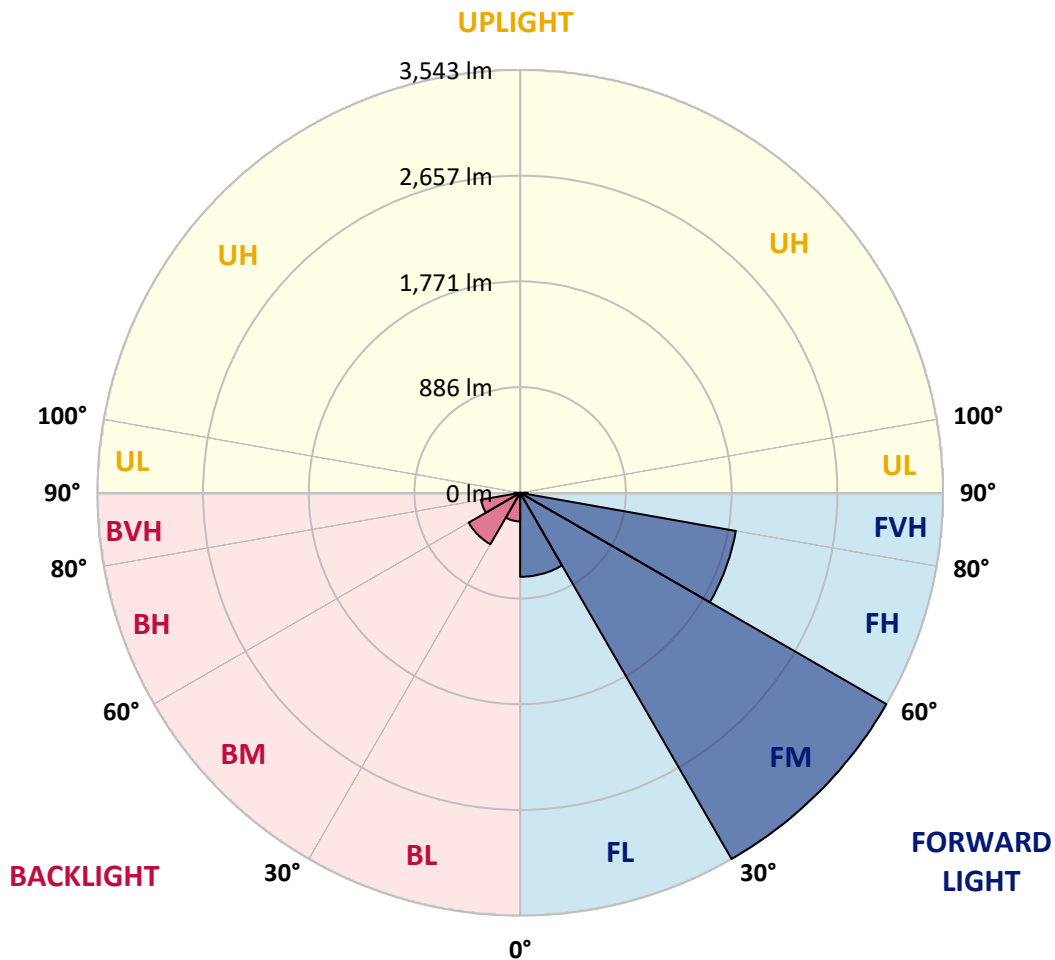
CATALOG NUMBER: GPC-AF-01-LED-E1-T2R-7050-1200

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 703.5 | 9.7 | | | |
| FM | (30°-60°) | 3542.8 | 48.8 | | | |
| FH | (60°-80°) | 1834.9 | 25.3 | | | G2/5000 |
| FVH | (80°-90°) | 62.9 | 0.9 | | | G1/100 |
| BL | (0°-30°) | 239.5 | 3.3 | B1/500 | | |
| BM | (30°-60°) | 498.5 | 6.9 | B1/1000 | | |
| BH | (60°-80°) | 332.9 | 4.6 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 49.0 | 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° | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 |
| 2.5° | 749.5 | 741.3 | 743.3 | 729.6 | 712.7 | 690.7 | 666.3 | 666.0 | 666.3 | 663.9 | 655.0 |
| 5° | 1039.4 | 1029.4 | 1025.6 | 994.7 | 949.3 | 884.6 | 814.5 | 806.9 | 803.9 | 795.9 | 777.7 |
| 7.5° | 1250.8 | 1245.3 | 1239.5 | 1216.1 | 1174.8 | 1102.6 | 1008.4 | 992.3 | 976.8 | 973.0 | 952.4 |
| 10° | 1387.3 | 1385.9 | 1373.6 | 1367.4 | 1341.6 | 1279.0 | 1187.2 | 1171.7 | 1154.9 | 1149.0 | 1127.4 |
| 12.5° | 1495.3 | 1494.9 | 1489.1 | 1490.8 | 1468.5 | 1423.1 | 1344.0 | 1329.9 | 1317.5 | 1299.6 | 1284.2 |
| 15° | 1569.9 | 1570.2 | 1578.8 | 1588.4 | 1585.0 | 1554.4 | 1480.1 | 1474.0 | 1463.3 | 1450.9 | 1432.7 |
| 17.5° | 1631.1 | 1632.8 | 1641.7 | 1659.3 | 1678.2 | 1675.8 | 1617.0 | 1611.8 | 1602.5 | 1585.7 | 1576.1 |
| 20° | 1769.3 | 1775.8 | 1758.6 | 1758.6 | 1760.7 | 1770.0 | 1741.8 | 1737.7 | 1724.6 | 1715.7 | 1708.1 |
| 22.5° | 2002.8 | 2010.3 | 1971.5 | 1931.9 | 1893.1 | 1864.9 | 1836.7 | 1841.8 | 1832.9 | 1826.7 | 1822.2 |
| 25° | 2306.0 | 2311.8 | 2248.9 | 2182.2 | 2103.1 | 2000.0 | 1930.2 | 1927.1 | 1922.3 | 1918.5 | 1916.5 |
| 27.5° | 2591.4 | 2593.8 | 2534.3 | 2436.7 | 2344.9 | 2196.7 | 2025.1 | 2021.3 | 2015.5 | 2008.3 | 2002.1 |
| 30° | 2835.5 | 2834.8 | 2773.6 | 2680.4 | 2582.1 | 2418.1 | 2169.2 | 2157.5 | 2140.3 | 2120.7 | 2105.6 |
| 32.5° | 3046.9 | 3045.9 | 2978.9 | 2882.2 | 2779.1 | 2637.4 | 2366.5 | 2342.4 | 2315.6 | 2277.5 | 2254.4 |
| 35° | 3213.3 | 3212.7 | 3149.4 | 3048.7 | 2930.4 | 2844.1 | 2592.7 | 2563.2 | 2529.1 | 2477.9 | 2442.5 |
| 37.5° | 3276.3 | 3276.3 | 3240.8 | 3172.1 | 3067.6 | 3008.4 | 2844.1 | 2808.3 | 2771.9 | 2713.8 | 2673.9 |
| 40° | 3239.5 | 3240.2 | 3247.7 | 3235.0 | 3184.1 | 3138.7 | 3078.6 | 3057.2 | 3026.0 | 2973.7 | 2932.1 |
| 42.5° | 3116.0 | 3119.8 | 3170.0 | 3231.6 | 3257.0 | 3249.8 | 3286.6 | 3276.9 | 3254.9 | 3214.7 | 3181.7 |
| 45° | 2959.6 | 2971.3 | 3026.3 | 3142.5 | 3277.3 | 3345.7 | 3460.9 | 3461.9 | 3457.8 | 3436.1 | 3410.7 |
| 47.5° | 2744.7 | 2761.2 | 2833.8 | 2990.9 | 3229.8 | 3438.9 | 3638.0 | 3647.2 | 3655.8 | 3641.7 | 3630.1 |
| 50° | 2459.3 | 2478.9 | 2587.6 | 2795.9 | 3133.2 | 3535.5 | 3972.5 | 4014.4 | 4053.6 | 4048.8 | 4056.7 |
| 52.5° | 2153.7 | 2176.7 | 2309.8 | 2541.9 | 2967.2 | 3557.8 | 4186.4 | 4254.8 | 4323.2 | 4379.2 | 4438.7 |
| 55° | 1877.9 | 1865.6 | 1998.6 | 2243.1 | 2694.2 | 3457.1 | 4378.5 | 4461.1 | 4537.4 | 4606.2 | 4677.0 |
| 57.5° | 1504.2 | 1524.5 | 1657.9 | 1899.6 | 2332.8 | 3172.8 | 4510.9 | 4631.6 | 4741.3 | 4855.1 | 4955.5 |
| 60° | 1099.5 | 1119.8 | 1264.6 | 1510.1 | 1940.5 | 2741.6 | 4409.8 | 4592.7 | 4768.4 | 4942.8 | 5078.9 |
| 62.5° | 663.9 | 679.0 | 806.6 | 1040.4 | 1496.3 | 2230.4 | 3959.4 | 4199.4 | 4458.0 | 4666.3 | 4875.0 |
| 65° | 413.3 | 421.9 | 469.0 | 597.6 | 961.0 | 1665.1 | 3235.0 | 3496.6 | 3775.1 | 4039.5 | 4256.5 |
| 67.5° | 338.3 | 341.4 | 350.0 | 377.5 | 527.8 | 1085.8 | 2407.8 | 2639.5 | 2890.8 | 3146.6 | 3388.0 |
| 70° | 304.3 | 302.2 | 302.2 | 303.9 | 338.3 | 583.8 | 1576.4 | 1727.4 | 1936.7 | 2159.2 | 2379.9 |
| 72.5° | 274.7 | 272.6 | 268.9 | 263.7 | 276.1 | 356.2 | 814.9 | 928.7 | 1079.6 | 1277.3 | 1488.7 |
| 75° | 246.9 | 244.1 | 239.6 | 233.1 | 241.7 | 268.9 | 391.3 | 439.1 | 512.6 | 617.8 | 735.8 |
| 77.5° | 218.0 | 214.5 | 210.4 | 205.6 | 216.6 | 209.0 | 229.3 | 246.5 | 274.7 | 308.4 | 352.8 |
| 80° | 185.3 | 182.2 | 180.8 | 178.4 | 191.5 | 159.2 | 161.9 | 172.6 | 189.1 | 207.3 | 228.0 |
| 82.5° | 145.1 | 145.1 | 150.6 | 151.6 | 166.1 | 114.5 | 121.0 | 130.3 | 138.9 | 148.5 | 158.2 |
| 85° | 95.6 | 96.3 | 114.8 | 122.1 | 131.0 | 77.0 | 90.8 | 93.9 | 100.7 | 106.2 | 110.4 |
| 87.5° | 29.9 | 32.3 | 70.1 | 77.7 | 75.3 | 43.7 | 55.7 | 57.1 | 61.9 | 65.7 | 69.1 |
| 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° | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 |
| 2.5° | 655.0 | 650.9 | 647.1 | 646.7 | 644.0 | 640.2 | 641.6 | 635.7 | 636.1 | 633.0 | 629.5 |
| 5° | 770.2 | 767.4 | 753.7 | 749.9 | 739.6 | 733.0 | 732.0 | 718.2 | 716.5 | 708.6 | 700.0 |
| 7.5° | 935.9 | 926.9 | 907.7 | 898.4 | 880.9 | 867.8 | 861.6 | 843.4 | 834.5 | 813.8 | 804.5 |
| 10° | 1109.5 | 1098.2 | 1074.4 | 1061.4 | 1044.5 | 1023.6 | 1012.2 | 985.7 | 975.4 | 956.5 | 933.8 |
| 12.5° | 1270.4 | 1259.1 | 1234.7 | 1224.7 | 1202.3 | 1180.0 | 1167.6 | 1137.7 | 1124.3 | 1094.0 | 1076.2 |
| 15° | 1419.3 | 1407.9 | 1386.6 | 1376.3 | 1354.0 | 1335.7 | 1319.2 | 1289.7 | 1273.9 | 1245.7 | 1222.3 |
| 17.5° | 1563.7 | 1551.7 | 1533.1 | 1523.8 | 1502.1 | 1483.6 | 1465.7 | 1437.9 | 1421.7 | 1393.5 | 1372.5 |
| 20° | 1697.8 | 1688.8 | 1675.4 | 1663.1 | 1641.4 | 1624.5 | 1603.2 | 1579.2 | 1555.8 | 1535.2 | 1515.2 |
| 22.5° | 1814.7 | 1811.2 | 1796.8 | 1791.3 | 1772.7 | 1758.3 | 1739.7 | 1716.0 | 1699.2 | 1673.0 | 1654.5 |
| 25° | 1915.4 | 1914.4 | 1907.5 | 1905.8 | 1892.7 | 1879.0 | 1874.9 | 1855.3 | 1839.8 | 1816.7 | 1797.5 |
| 27.5° | 2002.1 | 2003.1 | 2001.4 | 2006.2 | 2002.8 | 1996.6 | 1996.9 | 1990.4 | 1981.4 | 1962.2 | 1945.3 |
| 30° | 2098.3 | 2092.8 | 2095.9 | 2102.8 | 2104.9 | 2105.6 | 2116.9 | 2120.7 | 2120.0 | 2107.3 | 2099.0 |
| 32.5° | 2234.5 | 2221.4 | 2209.4 | 2208.4 | 2215.2 | 2218.0 | 2237.2 | 2247.2 | 2255.8 | 2258.9 | 2260.3 |
| 35° | 2408.1 | 2382.0 | 2356.9 | 2343.5 | 2331.8 | 2334.9 | 2348.6 | 2364.8 | 2383.7 | 2396.8 | 2412.2 |
| 37.5° | 2626.8 | 2594.8 | 2550.5 | 2518.8 | 2510.9 | 2493.7 | 2502.7 | 2515.4 | 2534.0 | 2554.2 | 2581.1 |
| 40° | 2891.9 | 2843.4 | 2793.5 | 2751.6 | 2728.9 | 2697.3 | 2696.9 | 2694.5 | 2705.9 | 2724.8 | 2762.6 |
| 42.5° | 3147.0 | 3104.0 | 3051.1 | 3007.0 | 2977.5 | 2935.2 | 2926.6 | 2904.2 | 2909.4 | 2925.9 | 2962.7 |
| 45° | 3385.9 | 3350.5 | 3318.2 | 3267.3 | 3242.2 | 3196.5 | 3182.1 | 3155.6 | 3140.8 | 3148.4 | 3185.1 |
| 47.5° | 3617.3 | 3594.6 | 3560.9 | 3527.9 | 3508.7 | 3467.8 | 3449.2 | 3430.3 | 3411.4 | 3410.7 | 3449.2 |
| 50° | 4068.4 | 4056.4 | 4016.5 | 3982.1 | 3991.4 | 3941.2 | 3944.3 | 3893.4 | 3916.5 | 3919.2 | 4000.0 |
| 52.5° | 4492.4 | 4534.3 | 4563.9 | 4600.0 | 4623.3 | 4627.8 | 4643.3 | 4666.3 | 4694.2 | 4749.2 | 4824.1 |
| 55° | 4735.1 | 4787.7 | 4818.3 | 4845.8 | 4891.2 | 4900.8 | 4926.6 | 4957.2 | 4981.6 | 5043.5 | 5107.1 |
| 57.5° | 5023.6 | 5121.2 | 5168.6 | 5212.3 | 5273.5 | 5296.9 | 5339.9 | 5373.2 | 5404.9 | 5478.1 | 5555.1 |
| 60° | 5201.3 | 5320.3 | 5416.9 | 5486.0 | 5562.7 | 5617.7 | 5682.7 | 5734.9 | 5809.2 | 5896.9 | 6011.7 |
| 62.5° | 5060.0 | 5234.7 | 5362.9 | 5481.5 | 5585.7 | 5690.9 | 5784.1 | 5881.7 | 5994.5 | 6127.2 | 6305.3 |
| 65° | 4497.2 | 4674.9 | 4894.6 | 5017.7 | 5155.6 | 5317.9 | 5459.5 | 5617.7 | 5771.4 | 5964.6 | 6228.0 |
| 67.5° | 3620.4 | 3827.1 | 4073.9 | 4198.0 | 4356.5 | 4537.7 | 4696.6 | 4889.8 | 5069.3 | 5303.4 | 5629.0 |
| 70° | 2609.6 | 2876.7 | 3084.4 | 3214.0 | 3399.0 | 3585.7 | 3739.0 | 3963.9 | 4112.4 | 4352.4 | 4689.0 |
| 72.5° | 1652.4 | 1863.2 | 2117.6 | 2280.9 | 2445.2 | 2634.3 | 2791.1 | 2985.0 | 3123.6 | 3342.3 | 3647.2 |
| 75° | 888.4 | 1043.8 | 1267.3 | 1422.4 | 1598.4 | 1760.0 | 1943.6 | 2073.6 | 2176.0 | 2349.0 | 2596.5 |
| 77.5° | 416.4 | 510.9 | 624.0 | 743.3 | 862.6 | 987.1 | 1108.1 | 1213.3 | 1257.3 | 1356.4 | 1502.5 |
| 80° | 252.7 | 283.3 | 316.3 | 353.1 | 403.0 | 443.2 | 496.5 | 535.0 | 537.7 | 569.0 | 613.7 |
| 82.5° | 168.8 | 180.2 | 190.1 | 199.4 | 212.1 | 222.1 | 233.5 | 246.9 | 252.4 | 259.6 | 274.0 |
| 85° | 115.2 | 120.7 | 122.7 | 128.6 | 127.2 | 130.7 | 135.1 | 139.6 | 142.0 | 141.7 | 148.2 |
| 87.5° | 70.8 | 73.6 | 75.0 | 76.3 | 75.3 | 73.9 | 76.0 | 78.4 | 79.1 | 77.0 | 77.7 |
| 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):

| | 71° | 72° | 73° | 74° | 75° | 85° | 90° | 95° | 105° | 115° | 125° |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 |
| 2.5° | 630.2 | 627.1 | 624.0 | 622.0 | 621.3 | 603.1 | 595.2 | 590.0 | 579.0 | 570.1 | 562.8 |
| 5° | 695.2 | 688.7 | 683.5 | 677.3 | 673.9 | 627.8 | 611.0 | 599.3 | 580.0 | 568.7 | 558.4 |
| 7.5° | 799.7 | 781.5 | 770.8 | 758.8 | 748.5 | 665.3 | 637.4 | 619.2 | 592.4 | 577.3 | 565.6 |
| 10° | 918.3 | 899.4 | 882.6 | 864.0 | 847.9 | 715.1 | 674.6 | 646.4 | 611.0 | 591.4 | 575.9 |
| 12.5° | 1050.7 | 1032.1 | 1010.8 | 987.1 | 966.5 | 778.4 | 722.0 | 681.8 | 633.3 | 607.2 | 585.5 |
| 15° | 1207.2 | 1174.5 | 1148.7 | 1121.2 | 1097.1 | 854.0 | 777.4 | 721.7 | 657.0 | 621.6 | 592.7 |
| 17.5° | 1352.6 | 1318.2 | 1283.1 | 1259.1 | 1231.2 | 939.0 | 833.1 | 762.2 | 676.6 | 630.9 | 594.1 |
| 20° | 1494.6 | 1457.1 | 1426.9 | 1394.5 | 1365.3 | 1027.0 | 892.6 | 798.0 | 689.4 | 631.3 | 585.5 |
| 22.5° | 1619.7 | 1596.4 | 1562.7 | 1527.6 | 1498.0 | 1115.0 | 948.3 | 828.3 | 694.2 | 623.3 | 570.4 |
| 25° | 1762.1 | 1737.3 | 1696.1 | 1666.5 | 1633.5 | 1204.7 | 1002.9 | 851.6 | 691.4 | 608.6 | 547.0 |
| 27.5° | 1914.0 | 1886.5 | 1844.3 | 1813.3 | 1773.4 | 1297.9 | 1053.1 | 868.5 | 681.1 | 584.5 | 515.7 |
| 30° | 2072.5 | 2047.4 | 2005.8 | 1974.6 | 1934.3 | 1396.6 | 1109.2 | 879.8 | 660.5 | 551.1 | 479.3 |
| 32.5° | 2242.7 | 2221.8 | 2180.5 | 2147.8 | 2104.9 | 1503.5 | 1161.4 | 883.3 | 629.2 | 511.6 | 440.8 |
| 35° | 2404.3 | 2389.9 | 2355.2 | 2324.6 | 2279.9 | 1604.6 | 1216.8 | 881.6 | 592.1 | 468.3 | 405.7 |
| 37.5° | 2586.2 | 2577.6 | 2560.4 | 2521.6 | 2466.9 | 1741.8 | 1283.1 | 874.3 | 546.7 | 425.3 | 378.9 |
| 40° | 2780.1 | 2780.8 | 2762.2 | 2735.8 | 2684.9 | 1908.2 | 1362.2 | 860.2 | 497.2 | 387.5 | 354.5 |
| 42.5° | 2985.4 | 2996.0 | 2987.1 | 2968.2 | 2919.4 | 2076.0 | 1456.8 | 843.0 | 449.0 | 350.7 | 330.4 |
| 45° | 3220.6 | 3233.6 | 3247.4 | 3219.5 | 3172.1 | 2297.4 | 1581.2 | 820.7 | 397.1 | 320.1 | 313.9 |
| 47.5° | 3491.8 | 3512.5 | 3524.8 | 3525.2 | 3477.7 | 2571.8 | 1783.4 | 807.3 | 351.0 | 299.5 | 306.0 |
| 50° | 4064.3 | 4070.8 | 4100.1 | 4150.9 | 4114.5 | 3206.8 | 2136.5 | 799.0 | 319.8 | 286.7 | 300.2 |
| 52.5° | 4889.1 | 4961.0 | 5011.5 | 5008.1 | 4958.6 | 3610.1 | 2331.1 | 756.4 | 301.2 | 281.9 | 297.4 |
| 55° | 5225.0 | 5314.8 | 5408.3 | 5433.0 | 5394.5 | 3954.3 | 2515.0 | 713.8 | 292.2 | 285.4 | 298.4 |
| 57.5° | 5672.7 | 5824.0 | 5952.2 | 6006.2 | 5950.5 | 4394.7 | 2757.1 | 691.4 | 289.5 | 294.7 | 305.0 |
| 60° | 6195.6 | 6382.7 | 6551.1 | 6648.1 | 6648.1 | 4900.8 | 3008.1 | 682.1 | 285.7 | 308.4 | 316.0 |
| 62.5° | 6531.5 | 6806.3 | 7060.7 | 7202.7 | 7198.6 | 5253.2 | 3119.5 | 650.5 | 277.1 | 318.0 | 331.1 |
| 65° | 6532.9 | 6859.6 | 7183.8 | 7343.3 | 7351.6 | 5209.9 | 2935.5 | 574.5 | 261.3 | 319.4 | 346.2 |
| 67.5° | 5988.3 | 6336.6 | 6714.5 | 6892.9 | 6934.2 | 4795.9 | 2541.2 | 472.4 | 235.5 | 305.7 | 351.7 |
| 70° | 5057.6 | 5397.6 | 5783.4 | 5958.7 | 6032.0 | 4088.4 | 2046.8 | 364.1 | 202.5 | 275.4 | 340.4 |
| 72.5° | 3984.5 | 4318.0 | 4586.6 | 4714.8 | 4771.9 | 3125.0 | 1490.5 | 275.1 | 166.1 | 232.1 | 309.8 |
| 75° | 2821.0 | 3071.3 | 3214.0 | 3242.6 | 3251.5 | 1883.8 | 905.6 | 204.6 | 136.8 | 180.5 | 261.6 |
| 77.5° | 1592.2 | 1699.5 | 1687.8 | 1700.5 | 1594.6 | 727.2 | 394.4 | 146.5 | 112.8 | 137.2 | 202.9 |
| 80° | 621.6 | 640.9 | 602.0 | 590.0 | 541.2 | 270.6 | 174.0 | 102.1 | 90.1 | 103.8 | 142.0 |
| 82.5° | 274.0 | 283.0 | 274.7 | 276.8 | 264.7 | 139.6 | 104.2 | 73.9 | 68.8 | 76.0 | 94.2 |
| 85° | 150.9 | 153.7 | 153.0 | 157.5 | 150.9 | 55.7 | 49.5 | 45.4 | 48.1 | 51.6 | 60.5 |
| 87.5° | 73.6 | 74.3 | 71.9 | 75.6 | 73.2 | 28.2 | 24.4 | 25.8 | 28.2 | 28.9 | 28.9 |
| 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: P200345

CATALOG NUMBER: GPC-AF-01-LED-E1-T2R-7050-1200

CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|
| 0° | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 | 590.3 |
| 2.5° | 557.7 | 554.9 | 555.3 | 554.6 | 553.2 | 553.2 |
| 5° | 552.9 | 550.1 | 550.1 | 549.4 | 547.7 | 548.0 |
| 7.5° | 557.7 | 553.2 | 551.5 | 549.1 | 546.7 | 546.7 |
| 10° | 563.2 | 555.3 | 550.5 | 546.3 | 543.2 | 543.2 |
| 12.5° | 567.3 | 554.9 | 547.0 | 541.5 | 538.4 | 538.4 |
| 15° | 568.7 | 552.5 | 541.5 | 535.0 | 532.2 | 531.9 |
| 17.5° | 564.2 | 543.2 | 529.8 | 522.3 | 518.8 | 517.8 |
| 20° | 550.5 | 526.4 | 510.2 | 501.6 | 496.8 | 495.1 |
| 22.5° | 529.8 | 502.3 | 483.4 | 474.5 | 468.3 | 467.3 |
| 25° | 500.9 | 471.4 | 452.8 | 444.2 | 440.8 | 439.7 |
| 27.5° | 467.3 | 439.7 | 423.9 | 418.4 | 415.3 | 415.0 |
| 30° | 435.3 | 411.9 | 400.2 | 396.1 | 392.3 | 391.6 |
| 32.5° | 405.4 | 390.6 | 386.1 | 380.3 | 371.3 | 370.3 |
| 35° | 384.0 | 382.7 | 379.6 | 366.5 | 355.5 | 352.4 |
| 37.5° | 371.0 | 383.7 | 367.9 | 342.1 | 334.2 | 333.5 |
| 40° | 363.4 | 373.0 | 345.9 | 336.9 | 337.6 | 336.9 |
| 42.5° | 346.2 | 356.2 | 346.6 | 342.4 | 345.2 | 345.9 |
| 45° | 329.0 | 340.0 | 351.7 | 349.0 | 355.5 | 355.5 |
| 47.5° | 319.4 | 335.9 | 351.4 | 351.4 | 361.0 | 364.4 |
| 50° | 308.4 | 332.5 | 345.9 | 350.7 | 358.3 | 355.5 |
| 52.5° | 307.7 | 326.6 | 338.0 | 346.6 | 350.0 | 346.9 |
| 55° | 308.8 | 321.8 | 330.1 | 339.7 | 343.8 | 344.2 |
| 57.5° | 310.1 | 319.1 | 324.6 | 329.0 | 341.4 | 341.4 |
| 60° | 313.6 | 316.7 | 319.8 | 322.2 | 338.3 | 338.7 |
| 62.5° | 319.1 | 314.3 | 313.6 | 316.0 | 336.6 | 335.2 |
| 65° | 327.7 | 310.8 | 305.7 | 308.1 | 334.9 | 330.8 |
| 67.5° | 339.4 | 305.7 | 295.7 | 297.4 | 333.5 | 324.6 |
| 70° | 350.0 | 297.4 | 283.3 | 281.6 | 320.4 | 304.6 |
| 72.5° | 351.0 | 287.8 | 266.1 | 261.0 | 278.5 | 263.4 |
| 75° | 333.8 | 281.2 | 247.2 | 232.1 | 230.0 | 228.0 |
| 77.5° | 300.8 | 277.5 | 225.2 | 201.5 | 197.4 | 198.7 |
| 80° | 251.7 | 263.4 | 198.7 | 170.5 | 192.9 | 190.5 |
| 82.5° | 188.1 | 232.4 | 168.8 | 150.9 | 150.6 | 133.1 |
| 85° | 104.5 | 181.2 | 137.5 | 113.1 | 78.7 | 76.3 |
| 87.5° | 29.2 | 100.7 | 96.3 | 64.0 | 43.7 | 45.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)