

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: P200157

Luminaire Tested: **GPC-AF-01-LED-E1-SLL-800**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P200157
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: MCGRAW-EDISON
Catalog Number: GPC-AF-01-LED-E1-SLL-800
Description: GALLEON PEDESTRIAN LUMINAIRE
(1) 70 CRI, 4000K, 800mA 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: 4618.6 lumens
Efficiency: N/A
Efficacy: 105.0 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

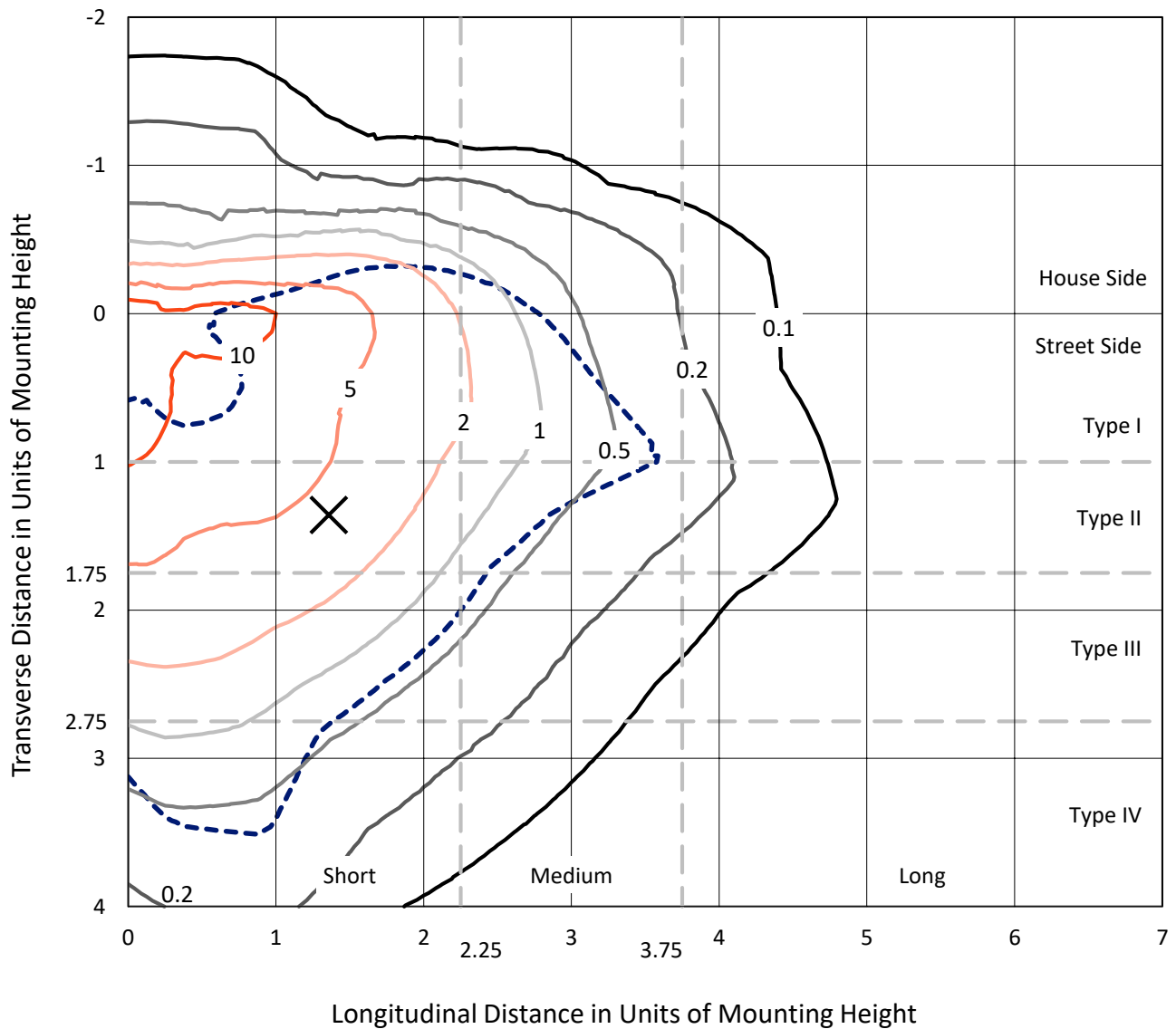
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

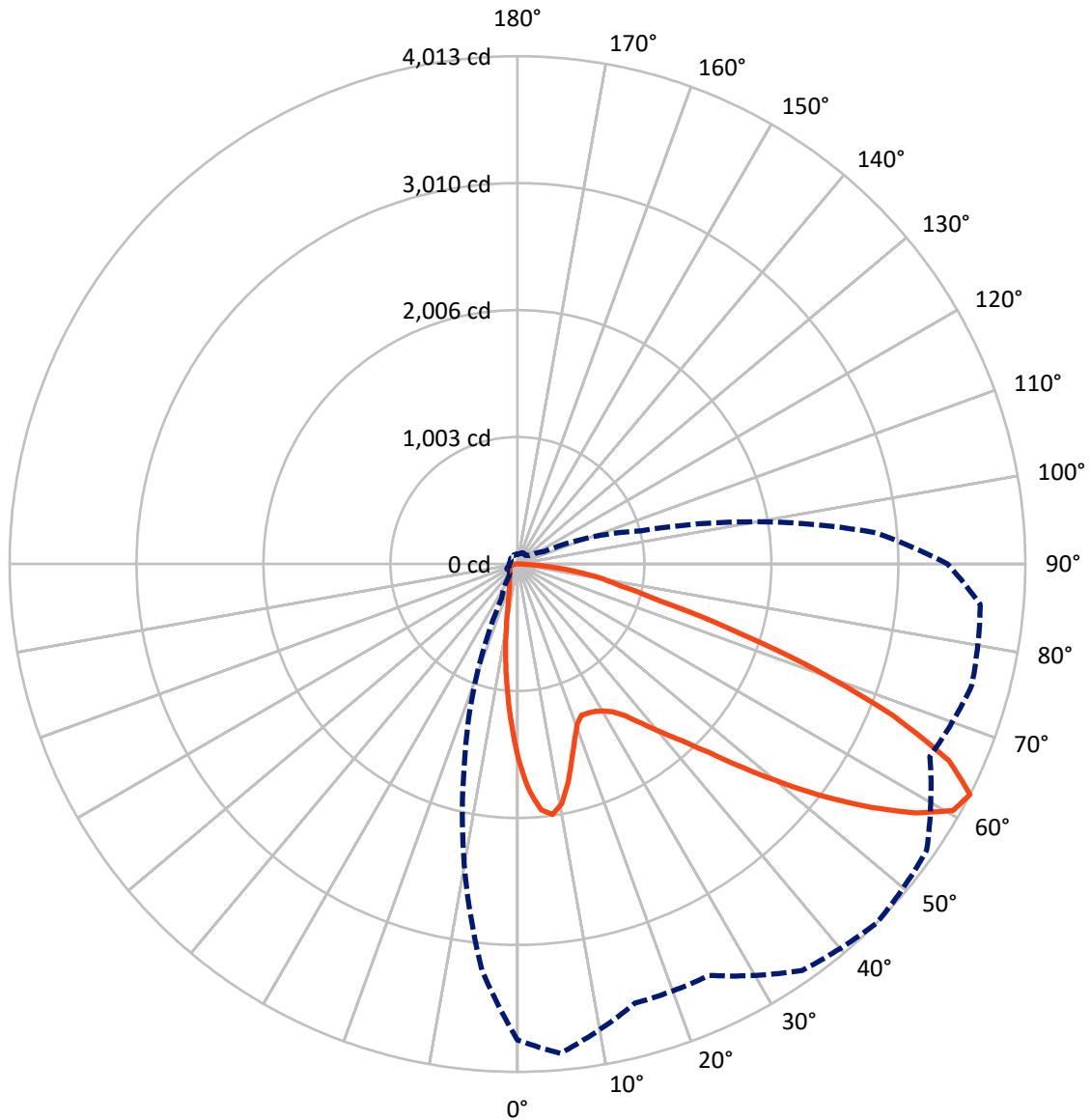
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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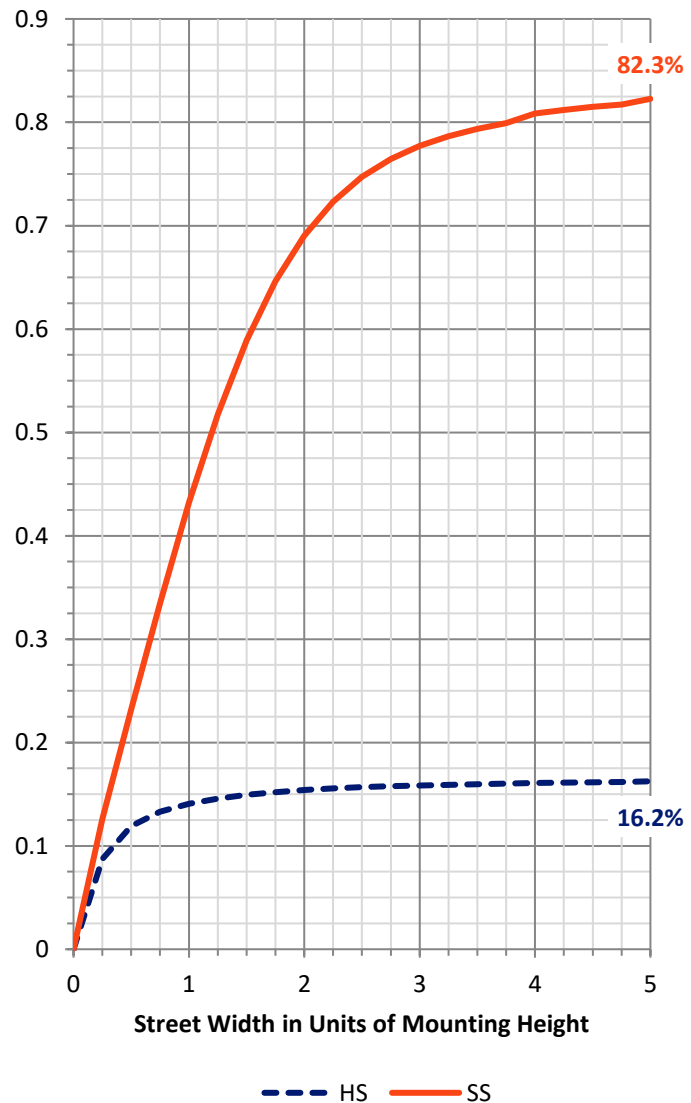
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 764.3 | 0.0 | 764.3 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 3854.3 | 0.0 | 3854.3 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 4618.6 | 0.0 | 4618.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 113.6 | 2.5 |
| 10°-20° | 208.3 | 4.5 |
| 20°-30° | 303.7 | 6.6 |
| 30°-40° | 467.7 | 10.1 |
| 40°-50° | 688.4 | 14.9 |
| 50°-60° | 1009.7 | 21.9 |
| 60°-70° | 1128.7 | 24.4 |
| 70°-80° | 552.6 | 12.0 |
| 80°-90° | 145.9 | 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° | 4618.6 | 100.0 |
| 0°-180° | 4618.6 | 100.0 |



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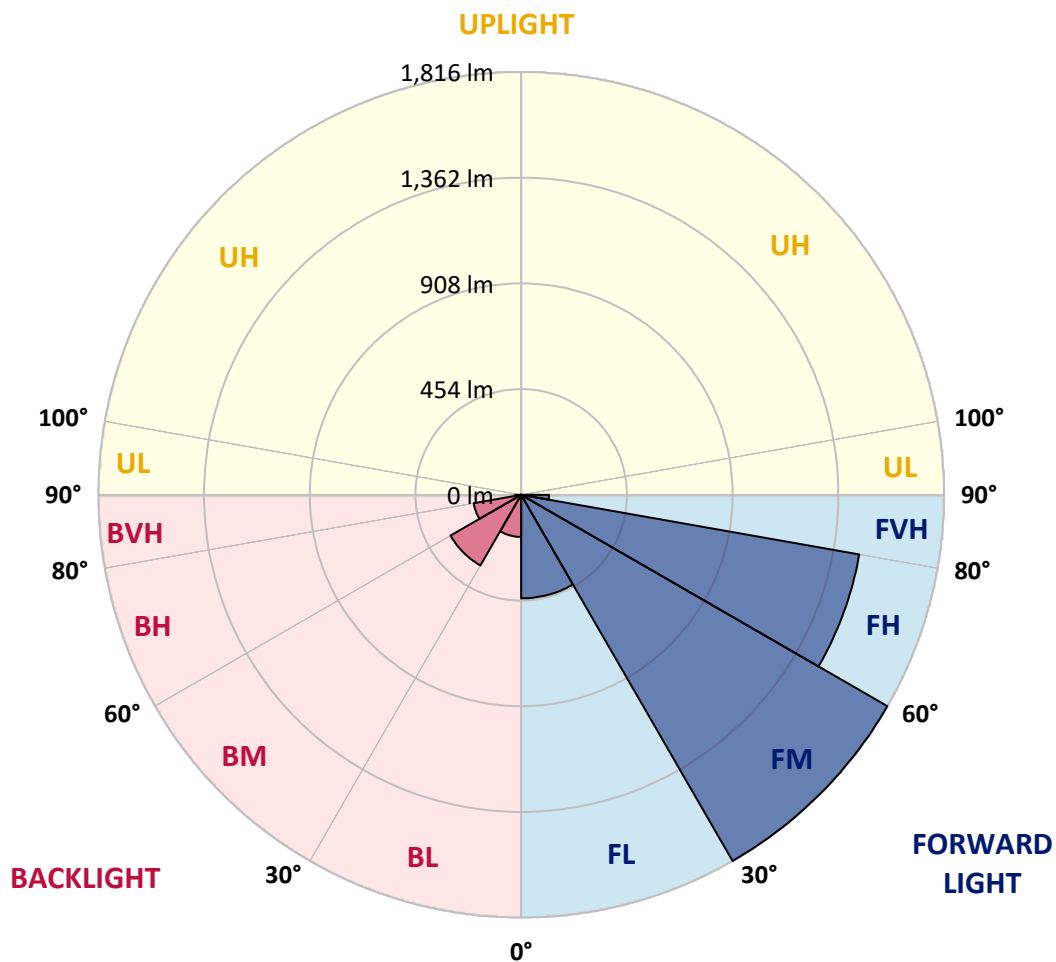
CATALOG NUMBER: GPC-AF-01-LED-E1-SLL-800

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 444.8 | 9.6 | | | |
| FM (30°-60°) | 1815.6 | 39.3 | | | |
| FH (60°-80°) | 1474.1 | 31.9 | | | G1/1800 |
| FVH (80°-90°) | 119.8 | 2.6 | | | G2/225 |
| BL (0°-30°) | 180.8 | 3.9 | B1/500 | | |
| BM (30°-60°) | 350.2 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 207.2 | 4.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 26.1 | 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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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 |
| 2.5° | 1621.4 | 1647.3 | 1697.8 | 1735.6 | 1781.6 | 1792.2 | 1806.9 | 1792.5 | 1766.8 | 1732.8 | 1721.6 |
| 5° | 1524.6 | 1579.9 | 1702.6 | 1810.5 | 1906.5 | 1951.2 | 1963.6 | 1926.8 | 1852.4 | 1754.7 | 1695.0 |
| 7.5° | 1369.5 | 1448.2 | 1614.2 | 1773.2 | 1914.6 | 1998.1 | 1996.1 | 1910.6 | 1773.7 | 1614.5 | 1518.8 |
| 10° | 1235.7 | 1325.5 | 1516.0 | 1693.7 | 1843.8 | 1924.8 | 1893.5 | 1784.1 | 1620.9 | 1437.6 | 1333.7 |
| 12.5° | 1160.8 | 1248.9 | 1442.2 | 1620.6 | 1746.0 | 1773.9 | 1750.1 | 1643.0 | 1489.1 | 1303.8 | 1212.8 |
| 15° | 1147.9 | 1244.6 | 1412.7 | 1557.9 | 1628.2 | 1603.9 | 1575.4 | 1527.4 | 1418.7 | 1260.6 | 1165.9 |
| 17.5° | 1203.9 | 1310.6 | 1446.5 | 1514.2 | 1502.3 | 1459.9 | 1451.8 | 1457.1 | 1430.9 | 1308.6 | 1199.4 |
| 20° | 1311.6 | 1439.6 | 1526.9 | 1493.6 | 1406.6 | 1348.1 | 1350.2 | 1431.7 | 1509.2 | 1430.2 | 1305.5 |
| 22.5° | 1462.7 | 1608.7 | 1643.0 | 1504.6 | 1366.2 | 1296.9 | 1313.7 | 1445.6 | 1633.8 | 1607.9 | 1448.7 |
| 25° | 1658.2 | 1791.2 | 1766.5 | 1544.1 | 1370.2 | 1303.2 | 1316.6 | 1493.9 | 1781.1 | 1785.7 | 1625.9 |
| 27.5° | 1847.6 | 1970.9 | 1870.5 | 1596.7 | 1387.0 | 1318.2 | 1336.0 | 1569.8 | 1921.7 | 1978.6 | 1828.5 |
| 30° | 1995.4 | 2081.2 | 1911.6 | 1644.7 | 1420.1 | 1347.4 | 1369.5 | 1641.9 | 1985.6 | 2108.8 | 1984.4 |
| 32.5° | 2117.7 | 2179.4 | 1977.1 | 1704.1 | 1480.7 | 1393.4 | 1432.2 | 1729.5 | 2077.8 | 2232.7 | 2137.0 |
| 35° | 2274.1 | 2291.6 | 2058.6 | 1770.4 | 1574.4 | 1473.4 | 1521.5 | 1815.3 | 2165.7 | 2357.9 | 2287.3 |
| 37.5° | 2457.4 | 2434.8 | 2135.5 | 1861.1 | 1695.5 | 1598.5 | 1638.4 | 1909.5 | 2238.0 | 2499.8 | 2441.0 |
| 40° | 2638.7 | 2584.4 | 2232.0 | 2001.7 | 1872.2 | 1746.0 | 1793.2 | 2010.1 | 2305.6 | 2642.0 | 2590.9 |
| 42.5° | 2792.9 | 2712.4 | 2327.2 | 2156.3 | 2036.7 | 1908.7 | 1965.1 | 2111.4 | 2370.1 | 2763.4 | 2721.3 |
| 45° | 2906.8 | 2806.8 | 2417.8 | 2304.8 | 2263.5 | 2125.1 | 2151.8 | 2227.4 | 2439.9 | 2864.7 | 2828.4 |
| 47.5° | 3008.6 | 2901.7 | 2520.3 | 2454.7 | 2461.7 | 2406.4 | 2363.5 | 2362.5 | 2522.2 | 2947.4 | 2929.6 |
| 50° | 3145.0 | 3033.5 | 2630.6 | 2609.0 | 2759.3 | 2722.5 | 2627.8 | 2520.1 | 2626.2 | 3041.3 | 3039.3 |
| 52.5° | 3332.9 | 3242.2 | 2765.1 | 2775.3 | 3037.0 | 3061.2 | 2943.8 | 2709.5 | 2789.3 | 3213.8 | 3201.5 |
| 55° | 3555.0 | 3502.2 | 2948.5 | 2966.5 | 3377.8 | 3395.1 | 3278.5 | 2946.4 | 3029.0 | 3463.3 | 3429.5 |
| 57.5° | 3728.5 | 3717.2 | 3149.6 | 3196.0 | 3632.2 | 3709.8 | 3602.7 | 3220.7 | 3299.1 | 3673.5 | 3588.7 |
| 60° | 3797.5 | 3851.5 | 3363.6 | 3427.5 | 3867.6 | 3953.6 | 3859.7 | 3461.6 | 3538.5 | 3760.7 | 3577.9 |
| 62.5° | 3760.2 | 3881.0 | 3591.6 | 3586.3 | 3920.0 | 4012.7 | 3946.7 | 3595.6 | 3716.0 | 3670.8 | 3396.8 |
| 65° | 3587.8 | 3775.1 | 3723.8 | 3545.3 | 3740.3 | 3748.0 | 3726.6 | 3535.7 | 3757.8 | 3386.7 | 3047.0 |
| 67.5° | 3212.3 | 3481.9 | 3549.6 | 3195.0 | 3255.4 | 3205.9 | 3170.1 | 3207.7 | 3539.5 | 2960.9 | 2560.8 |
| 70° | 2616.4 | 3022.1 | 3054.5 | 2555.4 | 2528.0 | 2494.8 | 2423.4 | 2629.8 | 3108.6 | 2426.7 | 2031.9 |
| 72.5° | 1923.8 | 2350.2 | 2450.1 | 1874.3 | 1747.3 | 1754.2 | 1697.8 | 1981.9 | 2527.5 | 1802.6 | 1517.0 |
| 75° | 1316.1 | 1701.9 | 1916.9 | 1307.8 | 1155.4 | 1158.3 | 1151.1 | 1404.3 | 2013.1 | 1253.9 | 1135.2 |
| 77.5° | 961.5 | 1215.9 | 1445.6 | 879.2 | 853.6 | 837.8 | 834.0 | 982.5 | 1543.4 | 910.4 | 881.5 |
| 80° | 771.6 | 898.3 | 971.1 | 609.4 | 655.3 | 654.1 | 633.0 | 675.6 | 1007.9 | 665.9 | 659.4 |
| 82.5° | 535.2 | 690.3 | 786.9 | 477.6 | 442.3 | 435.0 | 440.0 | 503.2 | 712.4 | 455.2 | 432.9 |
| 85° | 282.3 | 458.5 | 779.2 | 423.2 | 262.5 | 209.5 | 260.4 | 412.0 | 617.2 | 241.2 | 211.2 |
| 87.5° | 36.0 | 132.6 | 515.9 | 168.9 | 103.6 | 55.9 | 123.7 | 232.1 | 396.3 | 49.2 | 42.9 |
| 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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CATALOG NUMBER: GPC-AF-01-LED-E1-SLL-800

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 |
| 2.5° | 1693.0 | 1659.2 | 1615.0 | 1574.1 | 1531.8 | 1489.6 | 1434.5 | 1400.0 | 1376.1 | 1371.6 | 1361.3 |
| 5° | 1651.9 | 1539.6 | 1454.8 | 1381.4 | 1314.9 | 1221.0 | 1168.9 | 1125.8 | 1102.6 | 1100.4 | 1094.8 |
| 7.5° | 1462.2 | 1307.3 | 1192.8 | 1088.9 | 994.7 | 918.8 | 835.0 | 796.0 | 780.0 | 783.8 | 787.6 |
| 10° | 1264.9 | 1091.7 | 960.2 | 854.1 | 771.1 | 707.1 | 639.9 | 594.3 | 562.8 | 556.5 | 555.3 |
| 12.5° | 1120.6 | 930.8 | 803.0 | 728.1 | 663.9 | 603.7 | 532.4 | 478.8 | 437.9 | 424.0 | 414.6 |
| 15° | 1059.8 | 852.0 | 718.2 | 637.5 | 566.7 | 490.3 | 424.0 | 367.9 | 330.3 | 318.1 | 311.3 |
| 17.5° | 1072.7 | 830.2 | 659.9 | 556.5 | 465.9 | 386.2 | 302.6 | 254.6 | 232.1 | 226.2 | 226.2 |
| 20° | 1140.7 | 826.1 | 611.6 | 481.9 | 368.9 | 276.5 | 208.0 | 180.6 | 173.2 | 172.4 | 174.4 |
| 22.5° | 1236.2 | 840.4 | 575.6 | 417.2 | 286.6 | 201.8 | 161.9 | 151.8 | 148.5 | 149.2 | 151.6 |
| 25° | 1378.4 | 888.3 | 549.4 | 359.5 | 224.9 | 165.3 | 144.4 | 138.4 | 136.9 | 138.9 | 141.7 |
| 27.5° | 1547.0 | 936.3 | 533.2 | 316.1 | 190.0 | 151.1 | 137.4 | 131.0 | 132.1 | 134.5 | 137.1 |
| 30° | 1695.0 | 975.7 | 507.5 | 285.1 | 179.0 | 151.8 | 137.4 | 128.7 | 127.7 | 128.2 | 129.0 |
| 32.5° | 1827.8 | 1002.4 | 477.6 | 255.6 | 154.4 | 134.8 | 128.2 | 126.9 | 121.3 | 119.4 | 119.6 |
| 35° | 1942.3 | 1002.4 | 459.5 | 238.4 | 138.4 | 119.6 | 108.9 | 102.6 | 99.7 | 100.0 | 102.8 |
| 37.5° | 2052.8 | 982.3 | 450.6 | 228.7 | 129.7 | 113.8 | 104.3 | 98.7 | 94.9 | 94.2 | 94.7 |
| 40° | 2150.2 | 953.1 | 440.5 | 224.7 | 123.2 | 110.2 | 101.3 | 96.8 | 92.7 | 91.5 | 91.7 |
| 42.5° | 2228.4 | 929.5 | 429.3 | 219.3 | 119.1 | 107.6 | 99.2 | 95.2 | 90.6 | 89.4 | 89.1 |
| 45° | 2313.0 | 921.7 | 414.6 | 208.7 | 121.1 | 107.9 | 98.7 | 94.4 | 89.9 | 88.4 | 87.9 |
| 47.5° | 2424.4 | 946.2 | 399.4 | 196.0 | 125.4 | 109.1 | 99.5 | 94.4 | 89.6 | 88.4 | 87.9 |
| 50° | 2564.8 | 1004.1 | 380.0 | 177.5 | 121.1 | 112.7 | 99.2 | 93.7 | 89.6 | 88.4 | 87.4 |
| 52.5° | 2745.1 | 1082.4 | 354.7 | 156.1 | 118.6 | 121.3 | 98.7 | 92.2 | 88.4 | 86.5 | 84.8 |
| 55° | 2964.2 | 1146.3 | 324.5 | 138.6 | 112.7 | 119.1 | 98.0 | 90.4 | 86.3 | 83.8 | 82.2 |
| 57.5° | 3124.6 | 1169.4 | 285.6 | 127.2 | 104.6 | 115.3 | 97.0 | 88.1 | 83.8 | 81.7 | 79.7 |
| 60° | 3092.9 | 1124.7 | 252.9 | 120.1 | 99.7 | 104.1 | 96.3 | 86.0 | 81.5 | 80.0 | 78.2 |
| 62.5° | 2838.8 | 1007.9 | 231.8 | 116.8 | 96.8 | 94.9 | 97.0 | 84.1 | 79.5 | 77.9 | 77.4 |
| 65° | 2457.6 | 835.5 | 223.4 | 116.0 | 94.2 | 89.6 | 90.1 | 81.7 | 77.2 | 75.9 | 75.4 |
| 67.5° | 2027.3 | 674.3 | 216.0 | 118.6 | 90.9 | 85.8 | 83.3 | 78.7 | 74.9 | 73.7 | 72.6 |
| 70° | 1598.8 | 560.9 | 212.8 | 117.0 | 86.8 | 82.0 | 79.2 | 75.4 | 72.1 | 70.8 | 70.1 |
| 72.5° | 1287.5 | 473.7 | 211.0 | 115.5 | 81.5 | 76.9 | 74.4 | 71.1 | 67.5 | 67.0 | 66.3 |
| 75° | 1089.4 | 372.5 | 193.2 | 110.7 | 75.4 | 70.8 | 69.0 | 66.0 | 62.5 | 62.5 | 62.0 |
| 77.5° | 840.4 | 269.3 | 160.7 | 98.0 | 69.0 | 63.9 | 62.5 | 60.1 | 56.2 | 56.9 | 56.6 |
| 80° | 620.7 | 175.7 | 125.7 | 81.2 | 61.2 | 56.4 | 55.6 | 53.3 | 49.0 | 50.0 | 50.0 |
| 82.5° | 425.2 | 115.3 | 90.4 | 66.5 | 52.3 | 47.8 | 47.8 | 45.4 | 40.6 | 41.1 | 42.7 |
| 85° | 213.5 | 79.2 | 67.5 | 51.6 | 40.6 | 38.4 | 38.4 | 36.5 | 31.7 | 32.0 | 34.1 |
| 87.5° | 65.0 | 47.8 | 44.7 | 36.8 | 29.2 | 28.6 | 27.4 | 26.2 | 23.1 | 22.8 | 24.1 |
| 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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CATALOG NUMBER: GPC-AF-01-LED-E1-SLL-800

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 |
| 2.5° | 1345.9 | 1331.4 | 1313.9 | 1275.3 | 1262.3 | 1261.6 | 1273.3 | 1261.1 | 1284.4 | 1274.5 | 1285.4 |
| 5° | 1085.4 | 1071.1 | 1051.6 | 1002.4 | 972.4 | 952.1 | 942.4 | 914.0 | 934.6 | 919.6 | 932.0 |
| 7.5° | 798.2 | 801.6 | 788.6 | 759.6 | 694.4 | 661.6 | 642.3 | 625.1 | 640.1 | 638.5 | 662.4 |
| 10° | 561.1 | 570.0 | 560.9 | 531.6 | 478.8 | 460.8 | 464.3 | 471.3 | 490.8 | 500.9 | 537.8 |
| 12.5° | 404.0 | 403.5 | 397.6 | 371.4 | 336.7 | 338.7 | 353.1 | 365.1 | 383.1 | 393.8 | 431.4 |
| 15° | 301.7 | 297.1 | 294.5 | 273.2 | 253.4 | 257.7 | 264.8 | 266.1 | 277.5 | 283.9 | 314.4 |
| 17.5° | 228.0 | 230.3 | 233.0 | 217.9 | 202.9 | 200.1 | 194.5 | 187.6 | 190.9 | 192.2 | 207.5 |
| 20° | 181.1 | 190.2 | 197.0 | 186.4 | 171.1 | 163.0 | 155.9 | 151.3 | 151.3 | 151.1 | 155.4 |
| 22.5° | 158.1 | 164.8 | 172.2 | 164.8 | 151.1 | 143.9 | 139.9 | 136.4 | 135.8 | 135.8 | 139.9 |
| 25° | 145.8 | 150.6 | 157.6 | 152.6 | 142.4 | 137.1 | 133.3 | 128.7 | 126.9 | 126.4 | 129.2 |
| 27.5° | 139.6 | 141.7 | 145.3 | 140.7 | 132.1 | 129.5 | 128.5 | 124.4 | 122.1 | 120.8 | 123.7 |
| 30° | 129.2 | 128.7 | 129.0 | 124.4 | 117.5 | 117.3 | 119.1 | 119.8 | 119.1 | 118.9 | 123.2 |
| 32.5° | 119.6 | 118.6 | 118.4 | 114.3 | 107.9 | 106.4 | 107.9 | 109.5 | 111.2 | 113.8 | 118.9 |
| 35° | 107.4 | 110.0 | 111.5 | 107.9 | 100.2 | 95.7 | 93.9 | 91.1 | 89.6 | 89.6 | 95.4 |
| 37.5° | 97.8 | 103.6 | 105.9 | 102.6 | 94.2 | 87.9 | 84.8 | 84.3 | 84.5 | 85.5 | 91.1 |
| 40° | 94.4 | 98.7 | 100.8 | 97.5 | 89.1 | 83.3 | 81.5 | 81.0 | 81.5 | 83.1 | 88.6 |
| 42.5° | 92.4 | 95.4 | 95.2 | 91.1 | 84.3 | 80.2 | 79.2 | 78.7 | 79.2 | 80.7 | 86.8 |
| 45° | 90.6 | 92.7 | 90.6 | 85.8 | 79.5 | 77.4 | 77.6 | 77.4 | 77.9 | 79.5 | 85.3 |
| 47.5° | 89.1 | 89.9 | 87.4 | 82.6 | 75.9 | 75.4 | 76.4 | 77.2 | 77.6 | 79.0 | 85.0 |
| 50° | 86.8 | 86.8 | 84.5 | 79.5 | 72.8 | 73.1 | 74.4 | 76.2 | 76.4 | 77.9 | 82.8 |
| 52.5° | 84.1 | 83.8 | 82.2 | 77.4 | 70.4 | 71.1 | 71.1 | 73.1 | 73.7 | 75.4 | 80.5 |
| 55° | 81.7 | 81.2 | 80.5 | 75.9 | 68.0 | 69.4 | 68.5 | 69.4 | 70.6 | 72.3 | 77.9 |
| 57.5° | 79.7 | 78.7 | 78.7 | 74.7 | 66.3 | 66.8 | 65.0 | 66.0 | 67.5 | 69.0 | 74.9 |
| 60° | 77.6 | 76.7 | 77.2 | 72.8 | 63.4 | 63.0 | 62.2 | 64.2 | 64.8 | 66.5 | 72.3 |
| 62.5° | 75.4 | 74.7 | 74.9 | 70.8 | 61.5 | 60.1 | 60.1 | 62.0 | 62.2 | 64.8 | 70.4 |
| 65° | 73.7 | 72.6 | 72.3 | 68.8 | 59.1 | 57.6 | 58.4 | 59.1 | 59.6 | 62.2 | 67.5 |
| 67.5° | 71.8 | 69.9 | 69.9 | 67.0 | 56.6 | 55.1 | 56.6 | 56.4 | 57.1 | 59.4 | 63.7 |
| 70° | 69.6 | 66.8 | 67.0 | 65.8 | 54.1 | 52.3 | 53.6 | 53.3 | 53.8 | 55.3 | 59.6 |
| 72.5° | 66.0 | 63.7 | 64.2 | 63.7 | 51.6 | 49.0 | 49.5 | 49.5 | 49.5 | 50.7 | 55.3 |
| 75° | 61.5 | 59.6 | 61.2 | 62.5 | 48.5 | 44.9 | 45.4 | 45.4 | 44.7 | 45.4 | 51.0 |
| 77.5° | 55.9 | 54.8 | 59.9 | 58.1 | 44.9 | 40.6 | 40.6 | 40.1 | 38.6 | 39.6 | 45.7 |
| 80° | 49.7 | 49.0 | 55.3 | 48.8 | 40.9 | 35.3 | 34.8 | 33.6 | 32.0 | 32.7 | 38.9 |
| 82.5° | 43.4 | 42.7 | 46.4 | 37.3 | 35.3 | 29.2 | 27.9 | 25.7 | 24.1 | 24.9 | 30.5 |
| 85° | 35.5 | 35.5 | 35.8 | 28.1 | 26.9 | 22.3 | 20.9 | 17.8 | 16.0 | 16.5 | 21.8 |
| 87.5° | 25.4 | 26.2 | 24.1 | 19.3 | 16.0 | 12.5 | 11.5 | 9.6 | 8.1 | 9.4 | 11.5 |
| 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: P200157

CATALOG NUMBER: GPC-AF-01-LED-E1-SLL-800

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 | 1560.4 |
| 2.5° | 1341.3 | 1369.2 | 1400.9 | 1441.6 | 1476.4 | 1533.5 | 1588.3 | 1621.4 |
| 5° | 1002.9 | 1049.3 | 1107.2 | 1181.6 | 1251.0 | 1355.0 | 1458.3 | 1524.6 |
| 7.5° | 717.7 | 767.5 | 830.0 | 922.9 | 1020.9 | 1153.7 | 1290.2 | 1369.5 |
| 10° | 593.8 | 644.9 | 697.4 | 760.2 | 840.4 | 984.9 | 1146.3 | 1235.7 |
| 12.5° | 491.3 | 545.8 | 602.5 | 668.5 | 742.9 | 871.9 | 1057.9 | 1160.8 |
| 15° | 376.0 | 436.9 | 503.7 | 587.3 | 680.5 | 829.5 | 1036.1 | 1147.9 |
| 17.5° | 257.7 | 325.7 | 407.7 | 510.9 | 624.8 | 815.8 | 1075.2 | 1203.9 |
| 20° | 177.5 | 227.0 | 314.6 | 435.5 | 572.5 | 814.0 | 1150.4 | 1311.6 |
| 22.5° | 148.5 | 170.6 | 234.6 | 366.1 | 533.2 | 835.9 | 1266.9 | 1462.7 |
| 25° | 137.4 | 150.6 | 187.4 | 306.0 | 504.5 | 886.1 | 1427.4 | 1658.2 |
| 27.5° | 130.7 | 142.7 | 170.1 | 266.6 | 481.9 | 944.5 | 1583.5 | 1847.6 |
| 30° | 133.3 | 145.5 | 165.3 | 246.5 | 451.1 | 993.2 | 1722.1 | 1995.4 |
| 32.5° | 120.1 | 125.4 | 141.7 | 228.7 | 429.1 | 1034.1 | 1843.5 | 2117.7 |
| 35° | 102.3 | 111.7 | 126.4 | 220.3 | 429.5 | 1061.5 | 1975.8 | 2274.1 |
| 37.5° | 97.5 | 106.9 | 117.5 | 217.4 | 435.5 | 1090.7 | 2127.6 | 2457.4 |
| 40° | 94.4 | 103.1 | 112.2 | 215.5 | 441.0 | 1117.4 | 2276.4 | 2638.7 |
| 42.5° | 92.4 | 100.2 | 111.7 | 209.5 | 443.8 | 1141.2 | 2398.8 | 2792.9 |
| 45° | 92.2 | 100.2 | 113.8 | 203.4 | 448.2 | 1166.9 | 2501.3 | 2906.8 |
| 47.5° | 92.4 | 103.6 | 110.0 | 196.0 | 448.2 | 1209.8 | 2621.7 | 3008.6 |
| 50° | 91.5 | 109.1 | 105.9 | 185.6 | 437.7 | 1291.1 | 2786.7 | 3145.0 |
| 52.5° | 90.9 | 108.4 | 98.0 | 169.6 | 419.7 | 1420.1 | 2998.2 | 3332.9 |
| 55° | 89.6 | 104.6 | 92.4 | 145.8 | 398.6 | 1560.7 | 3224.6 | 3555.0 |
| 57.5° | 88.4 | 92.7 | 89.4 | 124.9 | 366.1 | 1659.7 | 3380.5 | 3728.5 |
| 60° | 99.0 | 81.0 | 86.8 | 114.8 | 322.7 | 1686.8 | 3374.5 | 3797.5 |
| 62.5° | 91.7 | 75.9 | 83.6 | 112.5 | 292.3 | 1610.7 | 3218.6 | 3760.2 |
| 65° | 71.8 | 72.6 | 80.2 | 119.1 | 284.1 | 1408.8 | 2942.3 | 3587.8 |
| 67.5° | 65.8 | 69.4 | 76.9 | 127.5 | 284.9 | 1128.0 | 2529.6 | 3212.3 |
| 70° | 62.0 | 65.8 | 73.1 | 131.8 | 286.9 | 840.9 | 1999.9 | 2616.4 |
| 72.5° | 57.6 | 61.0 | 68.8 | 132.6 | 273.7 | 610.9 | 1541.4 | 1923.8 |
| 75° | 52.6 | 55.6 | 62.7 | 115.5 | 226.7 | 423.7 | 1179.1 | 1316.1 |
| 77.5° | 46.7 | 49.0 | 55.1 | 89.1 | 168.4 | 271.2 | 885.1 | 961.5 |
| 80° | 39.9 | 41.1 | 46.2 | 65.3 | 115.3 | 169.6 | 700.2 | 771.6 |
| 82.5° | 32.0 | 32.5 | 35.8 | 49.0 | 74.9 | 108.9 | 468.9 | 535.2 |
| 85° | 22.6 | 22.6 | 24.7 | 35.5 | 51.0 | 69.0 | 254.6 | 282.3 |
| 87.5° | 10.6 | 10.9 | 10.9 | 19.5 | 26.7 | 35.1 | 58.6 | 36.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)