

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: P598246

Luminaire Tested: **PMM-SA1A-835-U-SLL**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P598246
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA1A-835-U-SLL
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2854 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

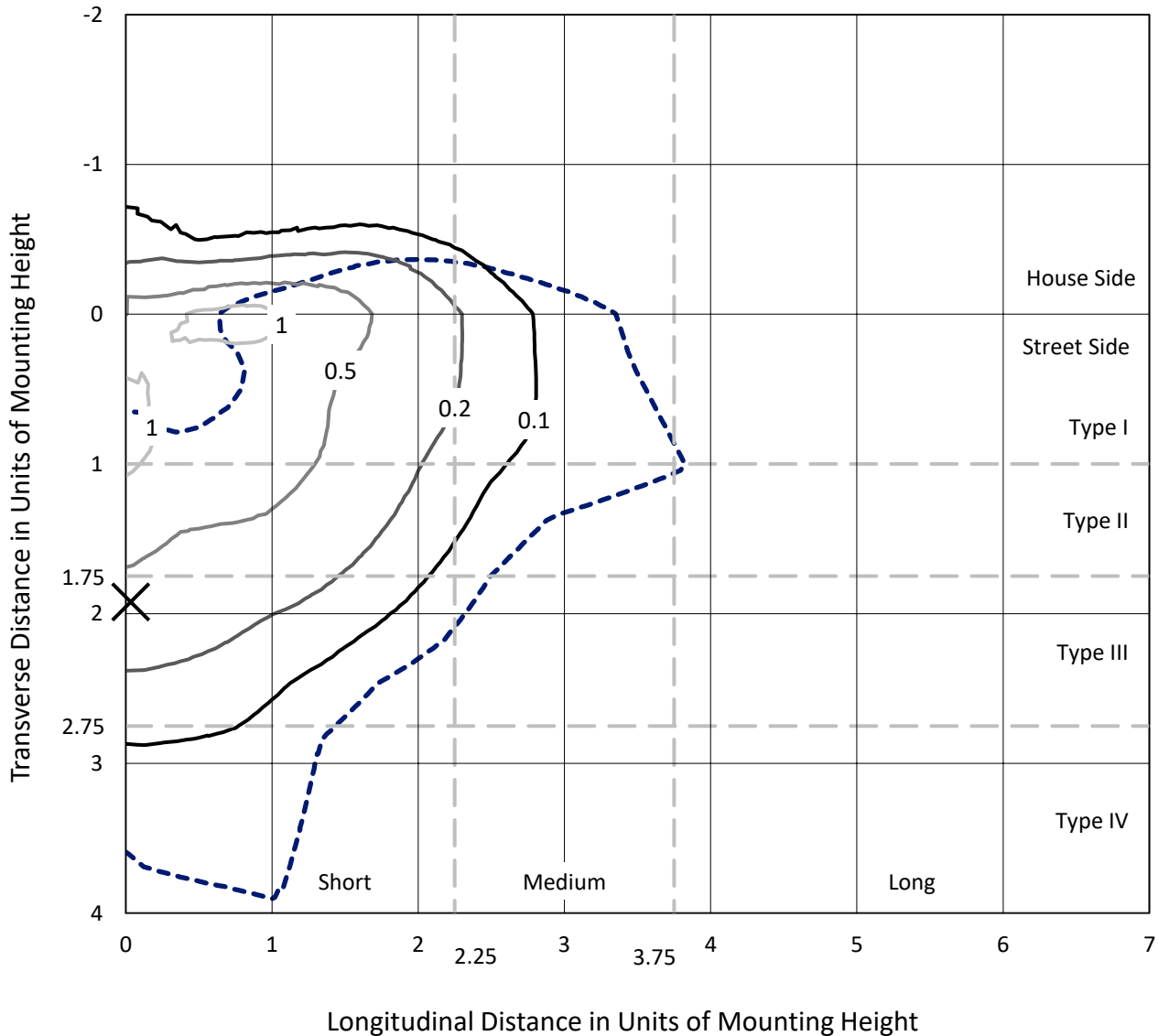
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P598246
 CATALOG NUMBER: PMM-SA1A-835-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

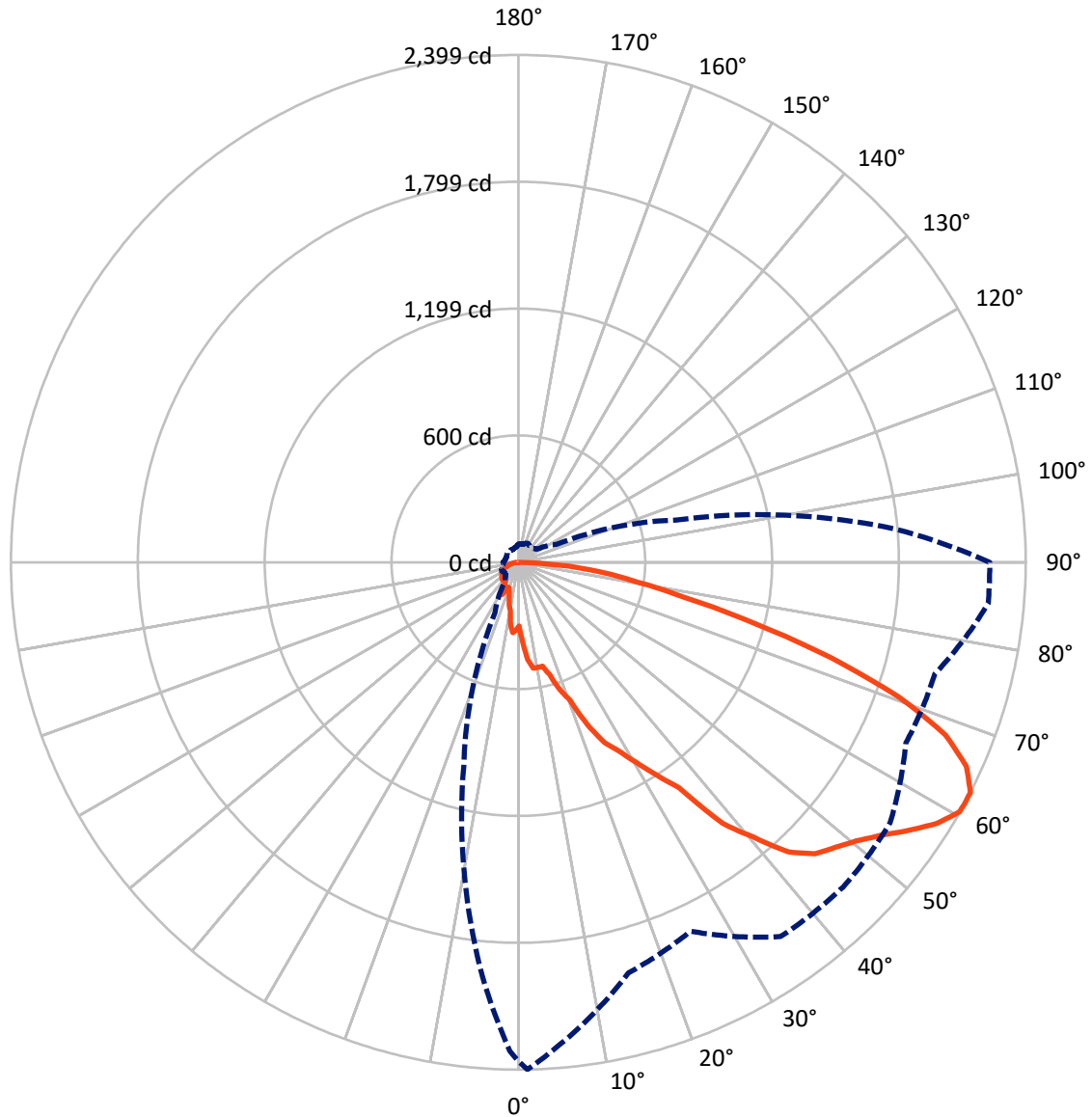
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P598246
CATALOG NUMBER: PMM-SA1A-835-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 1-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P598246

CATALOG NUMBER: PMM-SA1A-835-U-SLL

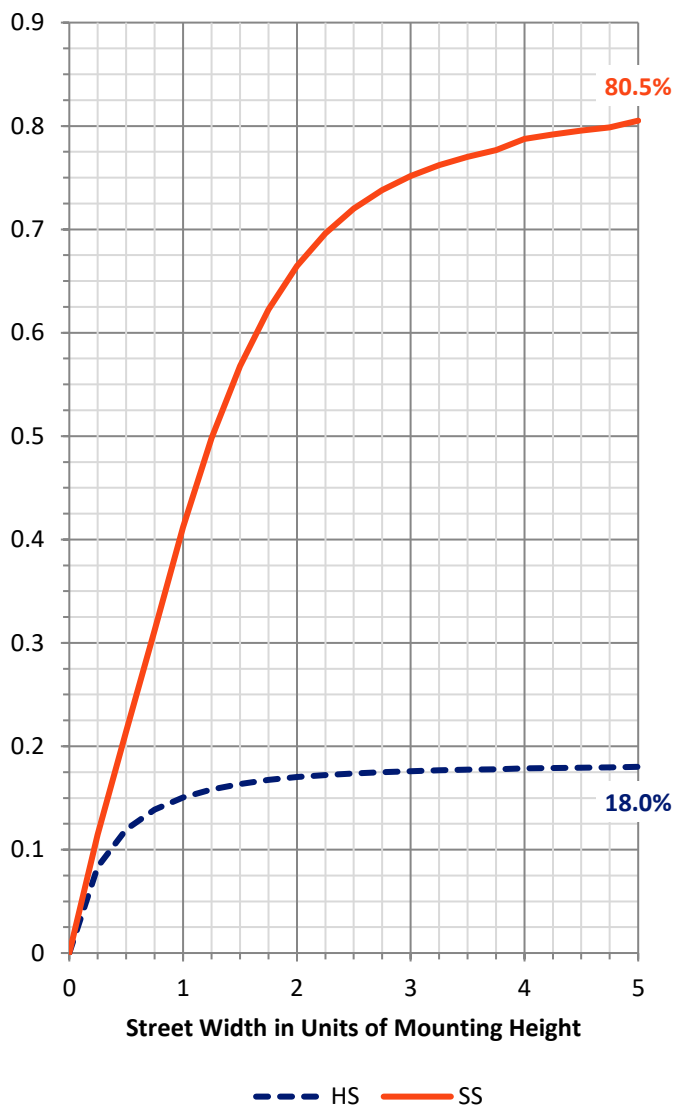
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 519.7 | 0.0 | 519.7 |
| | % Fixture | 18.2 | 0.0 | 18.2 |
| Street Side | Lumens | 2334.3 | 0.0 | 2334.3 |
| | % Fixture | 81.8 | 0.0 | 81.8 |
| Total | Lumens | 2854.0 | 0.0 | 2854.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 34.5 | 1.2 |
| 10°-20° | 100.3 | 3.5 |
| 20°-30° | 177.0 | 6.2 |
| 30°-40° | 275.7 | 9.7 |
| 40°-50° | 454.0 | 15.9 |
| 50°-60° | 647.9 | 22.7 |
| 60°-70° | 687.0 | 24.1 |
| 70°-80° | 379.5 | 13.3 |
| 80°-90° | 98.2 | 3.4 |
| 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° | 2854.0 | 100.0 |
| 0°-180° | 2854.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P598246

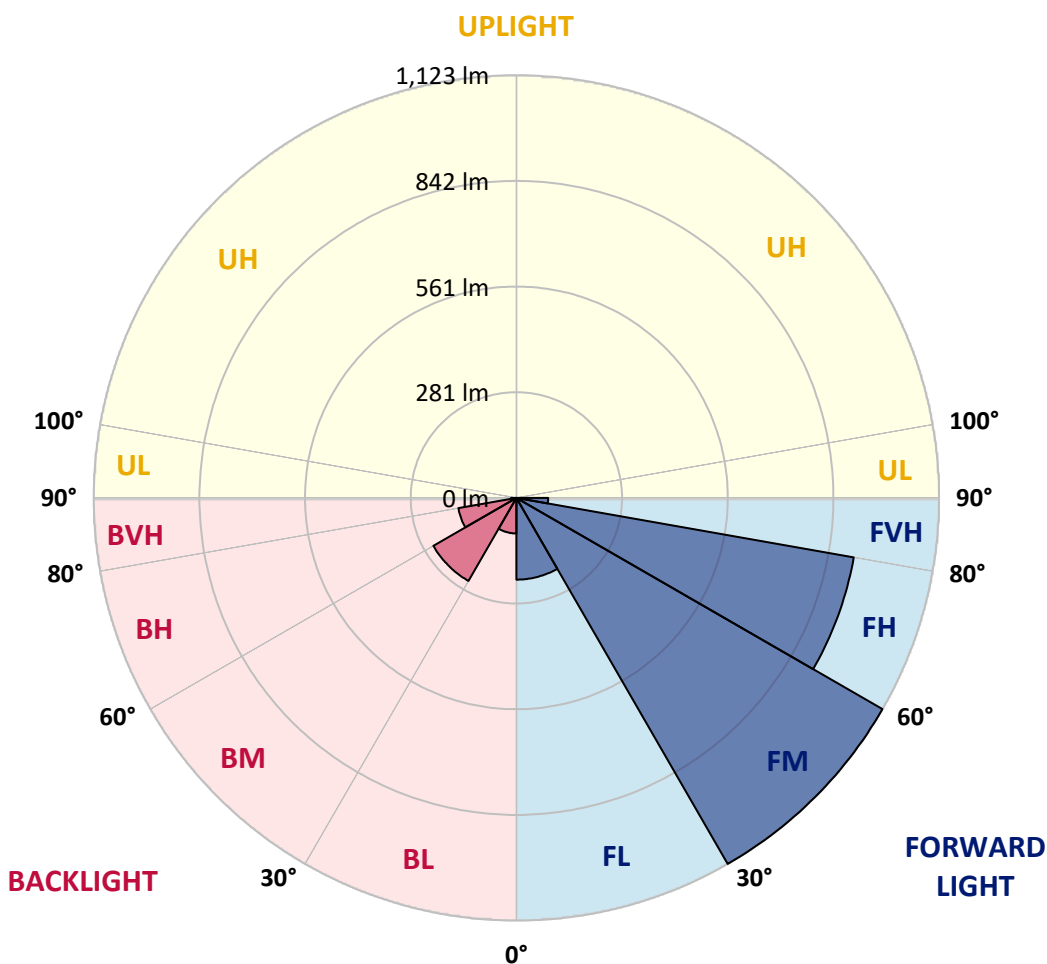
CATALOG NUMBER: PMM-SA1A-835-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 217.2 | 7.6 | | | |
| FM (30°-60°) | 1122.8 | 39.3 | | | |
| FH (60°-80°) | 910.0 | 31.9 | | | G1/1800 |
| FVH (80°-90°) | 84.3 | 3.0 | | | G1/100 |
| BL (0°-30°) | 94.5 | 3.3 | B0/110 | | |
| BM (30°-60°) | 254.8 | 8.9 | B1/1000 | | |
| BH (60°-80°) | 156.6 | 5.5 | B1/500 | | G1/500 |
| BVH (80°-90°) | 13.8 | 0.5 | | | 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: P598246

CATALOG NUMBER: PMM-SA1A-835-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 |
| 2.5° | 370.1 | 373.2 | 366.7 | 359.4 | 329.1 | 358.3 | 349.6 | 365.8 | 360.5 | 325.3 | 389.7 |
| 5° | 457.3 | 463.1 | 456.8 | 478.8 | 480.2 | 485.8 | 433.4 | 466.0 | 454.7 | 451.8 | 484.3 |
| 7.5° | 499.4 | 505.4 | 521.6 | 560.8 | 591.4 | 563.7 | 533.1 | 526.3 | 517.4 | 494.3 | 514.0 |
| 10° | 502.0 | 505.4 | 527.1 | 610.2 | 625.0 | 644.7 | 624.9 | 578.2 | 559.0 | 508.7 | 493.7 |
| 12.5° | 494.2 | 504.5 | 532.7 | 633.9 | 677.9 | 699.4 | 704.3 | 652.3 | 605.1 | 547.8 | 540.1 |
| 15° | 547.2 | 550.9 | 591.2 | 650.8 | 681.1 | 699.3 | 715.1 | 683.1 | 668.2 | 622.8 | 561.7 |
| 17.5° | 623.2 | 633.6 | 666.6 | 688.6 | 709.1 | 712.6 | 699.5 | 687.1 | 663.5 | 724.2 | 659.2 |
| 20° | 674.8 | 694.8 | 735.3 | 739.4 | 696.4 | 704.0 | 702.2 | 703.0 | 689.6 | 801.8 | 766.0 |
| 22.5° | 811.0 | 832.8 | 838.3 | 814.2 | 733.1 | 698.3 | 705.2 | 725.3 | 778.2 | 874.3 | 914.8 |
| 25° | 934.4 | 942.9 | 993.4 | 931.4 | 802.0 | 726.3 | 714.9 | 766.9 | 853.1 | 996.5 | 1025.3 |
| 27.5° | 998.8 | 1009.8 | 1043.4 | 908.4 | 810.6 | 690.3 | 663.7 | 742.8 | 830.7 | 939.0 | 1065.4 |
| 30° | 1081.2 | 1098.7 | 1144.5 | 931.4 | 836.5 | 713.8 | 654.9 | 730.6 | 827.8 | 976.7 | 1150.5 |
| 32.5° | 1166.1 | 1200.1 | 1234.1 | 1012.4 | 832.9 | 749.8 | 710.8 | 716.9 | 854.1 | 1055.6 | 1238.6 |
| 35° | 1278.6 | 1308.5 | 1337.9 | 1059.2 | 905.5 | 779.9 | 741.1 | 805.6 | 921.7 | 1147.2 | 1361.4 |
| 37.5° | 1519.0 | 1566.4 | 1489.0 | 1192.4 | 984.4 | 915.3 | 845.4 | 883.6 | 993.2 | 1223.5 | 1562.1 |
| 40° | 1672.2 | 1707.8 | 1633.0 | 1283.2 | 1123.5 | 1006.6 | 995.1 | 998.3 | 1091.6 | 1288.8 | 1697.1 |
| 42.5° | 1824.4 | 1872.6 | 1753.6 | 1407.7 | 1291.6 | 1195.1 | 1135.8 | 1131.8 | 1201.9 | 1406.3 | 1850.7 |
| 45° | 1938.0 | 1966.4 | 1795.0 | 1512.7 | 1471.9 | 1400.3 | 1355.9 | 1285.4 | 1346.7 | 1487.6 | 1945.7 |
| 47.5° | 1992.0 | 2015.1 | 1861.7 | 1573.7 | 1588.8 | 1592.6 | 1672.8 | 1552.5 | 1473.3 | 1542.6 | 1995.6 |
| 50° | 2059.4 | 2070.4 | 1900.9 | 1627.5 | 1699.9 | 1864.2 | 1883.4 | 1679.7 | 1596.6 | 1602.5 | 2025.1 |
| 52.5° | 2140.0 | 2144.6 | 1958.1 | 1689.5 | 1812.2 | 2042.8 | 2013.0 | 1895.2 | 1713.9 | 1712.1 | 2080.6 |
| 55° | 2241.4 | 2238.6 | 2029.8 | 1773.0 | 1892.4 | 2149.0 | 2126.5 | 2040.6 | 1841.7 | 1802.8 | 2167.0 |
| 57.5° | 2331.6 | 2329.9 | 2124.9 | 1849.9 | 1959.9 | 2203.6 | 2210.3 | 2187.5 | 1928.7 | 1867.8 | 2260.7 |
| 60° | 2375.8 | 2396.9 | 2233.2 | 1934.0 | 1964.1 | 2228.3 | 2230.8 | 2194.6 | 2025.9 | 1951.1 | 2285.6 |
| 62.5° | 2358.6 | 2398.9 | 2286.4 | 2009.6 | 1924.7 | 2161.0 | 2171.3 | 2146.4 | 2021.5 | 2038.7 | 2229.9 |
| 65° | 2280.5 | 2327.0 | 2240.3 | 2049.9 | 1900.4 | 2048.2 | 2050.8 | 1987.8 | 1958.2 | 2096.7 | 2099.5 |
| 67.5° | 2133.9 | 2177.6 | 2093.5 | 1985.6 | 1734.5 | 1744.4 | 1803.1 | 1808.2 | 1765.0 | 2052.9 | 1916.2 |
| 70° | 1877.4 | 1908.2 | 1855.6 | 1826.9 | 1449.8 | 1392.2 | 1455.9 | 1483.2 | 1502.8 | 1894.9 | 1696.3 |
| 72.5° | 1486.3 | 1545.8 | 1554.1 | 1572.8 | 1167.2 | 1071.3 | 1118.5 | 1078.1 | 1206.2 | 1612.8 | 1385.9 |
| 75° | 1099.7 | 1149.8 | 1203.7 | 1308.0 | 920.0 | 802.0 | 796.2 | 775.6 | 895.2 | 1297.0 | 1027.9 |
| 77.5° | 777.1 | 809.1 | 850.5 | 1044.8 | 694.3 | 617.7 | 621.3 | 600.4 | 646.5 | 980.3 | 710.1 |
| 80° | 557.0 | 573.8 | 593.0 | 688.3 | 512.2 | 532.9 | 533.5 | 513.7 | 480.7 | 665.7 | 473.9 |
| 82.5° | 396.9 | 409.9 | 432.0 | 454.0 | 381.8 | 436.8 | 436.4 | 435.2 | 381.1 | 450.0 | 296.5 |
| 85° | 221.0 | 238.5 | 276.7 | 355.7 | 275.7 | 312.3 | 274.6 | 302.5 | 279.8 | 299.6 | 150.1 |
| 87.5° | 15.5 | 13.8 | 61.9 | 206.1 | 128.7 | 94.0 | 49.3 | 97.6 | 125.2 | 156.5 | 20.9 |
| 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: P598246

CATALOG NUMBER: PMM-SA1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 |
| 2.5° | 403.0 | 407.9 | 388.9 | 360.4 | 368.1 | 359.7 | 349.0 | 332.4 | 298.2 | 319.4 | 319.5 |
| 5° | 484.0 | 465.6 | 450.8 | 436.8 | 413.3 | 377.7 | 373.0 | 344.4 | 328.4 | 336.8 | 335.6 |
| 7.5° | 509.4 | 483.2 | 460.9 | 410.9 | 367.3 | 312.0 | 295.4 | 278.5 | 271.5 | 291.9 | 300.1 |
| 10° | 481.5 | 454.3 | 432.4 | 371.6 | 341.9 | 307.5 | 261.8 | 238.4 | 224.5 | 229.9 | 233.1 |
| 12.5° | 504.0 | 476.1 | 407.3 | 373.4 | 324.5 | 303.4 | 263.4 | 229.1 | 208.6 | 213.6 | 207.6 |
| 15° | 525.6 | 488.1 | 419.2 | 351.6 | 312.0 | 281.6 | 249.2 | 213.7 | 189.6 | 181.0 | 176.4 |
| 17.5° | 604.5 | 542.2 | 417.8 | 339.5 | 294.0 | 259.0 | 219.9 | 181.2 | 165.1 | 156.2 | 148.6 |
| 20° | 700.8 | 614.0 | 425.3 | 326.9 | 274.9 | 230.7 | 188.2 | 152.2 | 141.0 | 135.2 | 133.1 |
| 22.5° | 815.3 | 705.9 | 468.1 | 325.0 | 256.9 | 210.1 | 170.8 | 148.3 | 135.7 | 129.4 | 126.7 |
| 25° | 906.3 | 801.1 | 499.7 | 337.2 | 255.9 | 193.1 | 160.2 | 164.8 | 159.0 | 160.9 | 145.6 |
| 27.5° | 994.7 | 827.0 | 482.0 | 331.8 | 230.2 | 162.9 | 157.7 | 167.3 | 172.3 | 173.8 | 173.3 |
| 30° | 1069.3 | 936.4 | 485.8 | 301.4 | 194.4 | 132.7 | 120.8 | 125.5 | 139.2 | 160.9 | 165.1 |
| 32.5° | 1178.6 | 988.7 | 518.9 | 282.9 | 173.8 | 118.7 | 105.4 | 103.6 | 106.8 | 114.7 | 121.5 |
| 35° | 1306.4 | 1109.2 | 528.2 | 278.1 | 159.5 | 112.5 | 103.2 | 99.0 | 100.7 | 106.6 | 108.0 |
| 37.5° | 1544.8 | 1197.0 | 562.6 | 272.1 | 154.3 | 108.7 | 101.5 | 100.0 | 103.6 | 108.4 | 111.2 |
| 40° | 1676.2 | 1354.9 | 564.2 | 267.0 | 147.5 | 107.2 | 102.6 | 101.9 | 104.1 | 110.8 | 112.5 |
| 42.5° | 1851.4 | 1444.9 | 590.3 | 261.1 | 145.1 | 109.3 | 104.8 | 104.6 | 106.5 | 110.4 | 113.4 |
| 45° | 1958.2 | 1505.2 | 591.7 | 257.6 | 144.6 | 118.4 | 107.7 | 106.8 | 106.4 | 108.7 | 111.5 |
| 47.5° | 2027.0 | 1592.0 | 608.6 | 253.7 | 147.9 | 120.8 | 111.2 | 107.1 | 105.7 | 106.6 | 108.7 |
| 50° | 2092.3 | 1661.4 | 640.5 | 253.2 | 151.4 | 118.4 | 117.3 | 106.9 | 104.1 | 103.7 | 105.3 |
| 52.5° | 2172.3 | 1775.5 | 680.0 | 258.4 | 150.5 | 115.0 | 121.9 | 106.4 | 101.4 | 100.4 | 101.9 |
| 55° | 2288.8 | 1897.8 | 722.0 | 254.0 | 142.0 | 108.3 | 117.4 | 105.9 | 98.5 | 96.7 | 98.1 |
| 57.5° | 2364.3 | 1967.9 | 768.9 | 250.3 | 128.9 | 103.3 | 113.4 | 106.2 | 98.7 | 94.7 | 95.6 |
| 60° | 2339.2 | 1930.2 | 787.3 | 227.4 | 116.6 | 99.4 | 103.9 | 104.0 | 96.3 | 92.5 | 93.2 |
| 62.5° | 2228.4 | 1793.8 | 770.2 | 200.8 | 107.5 | 93.9 | 94.0 | 99.9 | 89.1 | 86.4 | 87.5 |
| 65° | 2073.6 | 1624.1 | 700.7 | 183.5 | 103.2 | 88.1 | 85.9 | 87.7 | 79.4 | 77.4 | 79.6 |
| 67.5° | 1883.5 | 1415.0 | 597.2 | 165.2 | 101.7 | 80.2 | 77.6 | 76.9 | 71.6 | 69.4 | 71.6 |
| 70° | 1645.2 | 1184.8 | 477.4 | 152.3 | 95.8 | 71.6 | 69.5 | 68.8 | 64.4 | 62.7 | 64.7 |
| 72.5° | 1322.4 | 925.2 | 368.4 | 142.5 | 89.5 | 63.7 | 61.9 | 61.1 | 57.3 | 55.0 | 57.3 |
| 75° | 940.5 | 707.0 | 273.7 | 127.4 | 80.5 | 55.7 | 53.6 | 52.5 | 49.0 | 46.8 | 48.9 |
| 77.5° | 668.4 | 530.7 | 191.1 | 105.4 | 66.3 | 47.1 | 45.8 | 44.0 | 41.0 | 38.4 | 40.4 |
| 80° | 494.2 | 379.2 | 123.3 | 81.3 | 50.7 | 37.7 | 37.0 | 35.7 | 32.8 | 29.6 | 31.2 |
| 82.5° | 325.3 | 273.4 | 70.6 | 55.1 | 36.8 | 27.1 | 27.7 | 26.9 | 24.1 | 20.8 | 21.6 |
| 85° | 145.7 | 161.9 | 37.5 | 30.3 | 24.0 | 16.3 | 17.9 | 17.3 | 15.2 | 12.0 | 12.3 |
| 87.5° | 14.0 | 27.3 | 11.5 | 11.1 | 8.9 | 5.1 | 6.4 | 5.4 | 4.6 | 2.9 | 2.2 |
| 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: P598246

CATALOG NUMBER: PMM-SA1A-835-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 |
| 2.5° | 324.4 | 304.8 | 285.3 | 297.2 | 297.5 | 300.7 | 301.1 | 289.3 | 298.7 | 305.9 | 313.4 |
| 5° | 329.5 | 316.7 | 317.4 | 305.9 | 299.7 | 307.7 | 306.1 | 302.9 | 308.6 | 316.5 | 326.0 |
| 7.5° | 292.4 | 284.1 | 282.7 | 271.6 | 244.7 | 238.8 | 243.8 | 245.8 | 253.4 | 265.6 | 275.9 |
| 10° | 228.2 | 244.7 | 226.2 | 221.9 | 214.8 | 201.0 | 192.9 | 192.0 | 208.2 | 218.0 | 226.6 |
| 12.5° | 205.7 | 201.5 | 199.3 | 187.5 | 187.5 | 172.8 | 168.1 | 172.4 | 197.4 | 204.4 | 215.5 |
| 15° | 175.2 | 172.2 | 161.9 | 156.1 | 153.3 | 147.4 | 152.3 | 156.5 | 179.8 | 180.3 | 192.0 |
| 17.5° | 145.4 | 143.6 | 133.9 | 132.8 | 130.0 | 127.4 | 132.0 | 142.0 | 154.6 | 152.3 | 157.7 |
| 20° | 130.0 | 123.8 | 115.0 | 118.1 | 115.2 | 113.2 | 111.2 | 125.3 | 134.2 | 137.1 | 140.3 |
| 22.5° | 126.2 | 114.8 | 109.6 | 106.6 | 106.8 | 103.5 | 103.9 | 115.6 | 129.1 | 130.9 | 128.9 |
| 25° | 144.2 | 124.0 | 106.9 | 98.5 | 95.3 | 94.2 | 97.4 | 107.7 | 124.0 | 127.8 | 129.4 |
| 27.5° | 168.7 | 134.6 | 110.1 | 95.7 | 89.3 | 89.9 | 94.5 | 101.7 | 120.8 | 127.7 | 129.5 |
| 30° | 161.9 | 126.6 | 110.2 | 93.6 | 85.7 | 88.6 | 90.3 | 97.2 | 118.3 | 128.7 | 137.7 |
| 32.5° | 124.9 | 113.8 | 110.9 | 95.3 | 92.1 | 87.5 | 89.9 | 96.5 | 110.9 | 117.4 | 117.9 |
| 35° | 105.8 | 97.4 | 95.4 | 91.5 | 87.1 | 85.2 | 87.8 | 93.6 | 103.0 | 107.1 | 106.5 |
| 37.5° | 105.0 | 95.7 | 88.1 | 86.4 | 84.6 | 84.1 | 85.6 | 91.0 | 100.5 | 107.6 | 106.1 |
| 40° | 106.4 | 94.9 | 87.1 | 84.2 | 84.9 | 82.4 | 83.9 | 90.6 | 101.0 | 107.6 | 106.2 |
| 42.5° | 104.7 | 93.9 | 85.9 | 83.7 | 84.3 | 80.9 | 82.7 | 89.6 | 99.9 | 107.7 | 105.1 |
| 45° | 101.4 | 91.7 | 85.2 | 81.4 | 84.6 | 79.5 | 81.7 | 87.1 | 96.5 | 105.1 | 102.1 |
| 47.5° | 98.1 | 89.1 | 82.3 | 79.9 | 83.1 | 78.1 | 79.1 | 83.8 | 93.2 | 101.7 | 99.0 |
| 50° | 94.5 | 85.7 | 79.9 | 79.2 | 81.4 | 77.8 | 76.3 | 80.2 | 89.2 | 97.6 | 95.4 |
| 52.5° | 90.6 | 83.0 | 78.3 | 78.0 | 80.1 | 76.0 | 73.8 | 76.9 | 84.9 | 93.3 | 91.5 |
| 55° | 86.8 | 79.9 | 76.2 | 76.9 | 79.2 | 74.5 | 71.7 | 73.7 | 80.3 | 88.6 | 86.1 |
| 57.5° | 83.1 | 76.4 | 73.4 | 75.3 | 77.1 | 72.6 | 69.1 | 70.2 | 75.6 | 83.8 | 80.9 |
| 60° | 79.8 | 73.4 | 70.4 | 72.7 | 74.4 | 69.7 | 65.6 | 66.3 | 71.2 | 78.5 | 75.9 |
| 62.5° | 75.5 | 70.1 | 66.1 | 69.1 | 70.4 | 65.8 | 61.5 | 62.3 | 66.2 | 73.1 | 71.2 |
| 65° | 69.4 | 65.9 | 62.2 | 64.3 | 65.9 | 61.2 | 57.2 | 58.2 | 61.1 | 67.6 | 66.2 |
| 67.5° | 64.1 | 60.8 | 58.3 | 60.0 | 60.2 | 56.6 | 53.0 | 53.6 | 56.0 | 62.0 | 60.5 |
| 70° | 58.3 | 55.1 | 53.2 | 54.4 | 54.3 | 51.2 | 48.5 | 48.6 | 50.6 | 56.1 | 54.0 |
| 72.5° | 51.9 | 48.9 | 47.9 | 48.6 | 48.1 | 45.3 | 42.7 | 43.6 | 44.9 | 49.0 | 47.4 |
| 75° | 45.1 | 42.4 | 41.8 | 42.5 | 41.7 | 39.1 | 36.7 | 37.7 | 38.8 | 42.2 | 40.2 |
| 77.5° | 38.1 | 35.6 | 35.7 | 35.9 | 34.8 | 33.0 | 30.6 | 31.6 | 32.3 | 34.6 | 32.5 |
| 80° | 30.3 | 28.4 | 28.9 | 28.9 | 27.7 | 26.5 | 24.2 | 24.5 | 24.9 | 25.8 | 24.2 |
| 82.5° | 22.2 | 22.2 | 22.2 | 22.3 | 19.7 | 20.1 | 18.1 | 18.0 | 17.6 | 17.5 | 16.5 |
| 85° | 13.2 | 13.7 | 14.0 | 14.4 | 10.7 | 12.5 | 10.8 | 10.4 | 9.6 | 8.7 | 8.4 |
| 87.5° | 2.9 | 3.7 | 3.7 | 3.6 | 0.0 | 1.4 | 0.7 | 1.1 | 0.3 | 0.0 | 0.0 |
| 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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| 32.5° | 113.2 | 110.9 | 110.2 | 119.9 | 170.6 | 297.2 | 615.6 | 1065.7 | 1135.7 | 1166.1 |
| 35° | 102.1 | 98.6 | 100.0 | 111.1 | 160.8 | 294.4 | 644.1 | 1160.3 | 1259.9 | 1278.6 |
| 37.5° | 101.7 | 97.6 | 99.4 | 107.7 | 164.3 | 299.4 | 689.8 | 1312.1 | 1479.0 | 1519.0 |
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| 52.5° | 92.4 | 100.4 | 112.5 | 100.1 | 145.4 | 296.8 | 889.6 | 1853.5 | 2111.5 | 2140.0 |
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| 57.5° | 83.4 | 94.2 | 99.9 | 91.7 | 129.5 | 292.6 | 1018.5 | 2052.4 | 2314.5 | 2331.6 |
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| 72.5° | 50.4 | 54.2 | 56.2 | 61.8 | 110.5 | 190.7 | 460.4 | 1058.0 | 1447.3 | 1486.3 |
| 75° | 43.5 | 47.1 | 48.8 | 53.9 | 96.0 | 157.7 | 317.8 | 801.3 | 1060.0 | 1099.7 |
| 77.5° | 36.4 | 40.3 | 40.9 | 45.0 | 73.3 | 120.6 | 203.7 | 614.6 | 750.6 | 777.1 |
| 80° | 29.1 | 33.0 | 33.0 | 35.2 | 51.5 | 83.0 | 122.0 | 463.7 | 546.6 | 557.0 |
| 82.5° | 20.9 | 25.1 | 24.8 | 24.9 | 35.6 | 51.4 | 70.6 | 347.5 | 395.0 | 396.9 |
| 85° | 12.3 | 15.2 | 15.1 | 13.8 | 21.1 | 27.7 | 38.2 | 215.8 | 220.5 | 221.0 |
| 87.5° | 2.4 | 3.6 | 3.2 | 1.4 | 5.8 | 8.2 | 11.1 | 40.0 | 15.9 | 15.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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