

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: P565278

Luminaire Tested: **PMM-SA3B-727-U-T1**

Issue Date: 8/19/2021

Test Information

Test Method: LM-79-08
Report Number: P565278
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2108-334-1)
Test Lab: INNOVATIONS CENTER
Issue Date: 8/19/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA3B-727-U-T1
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE I OPTICS.
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11115 lumens
Efficiency: N/A
Efficacy: 88.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Medium
BUG Rating: B3 - U0 - G3

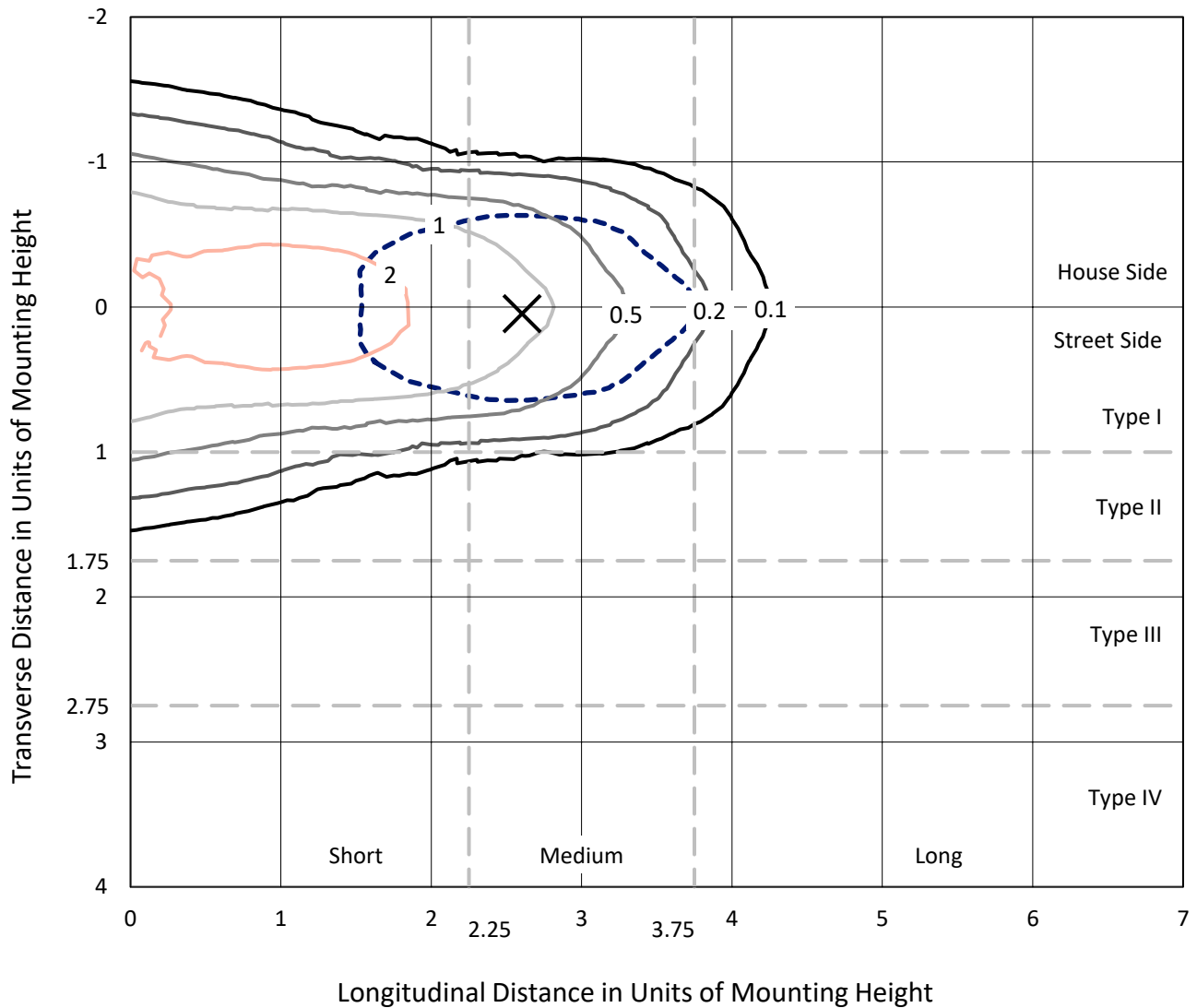
Input Watts (W): 126
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P565278
 CATALOG NUMBER: PMM-SA3B-727-U-T1

Iso-Footcandle Lines of Horizontal Illumination

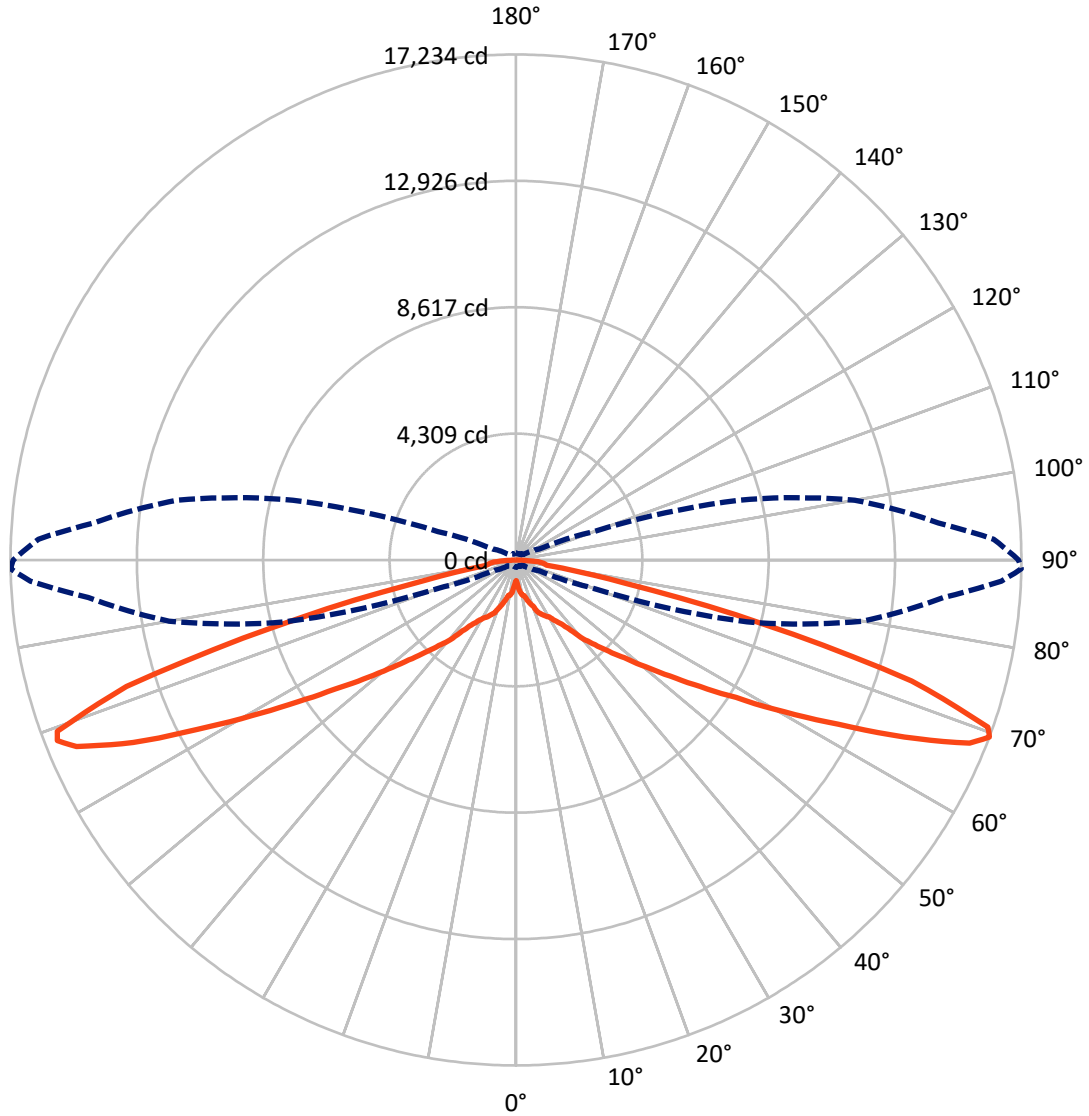
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 fc
 Type I - Medium - N/A

REPORT NUMBER: P565278
CATALOG NUMBER: PMM-SA3B-727-U-T1

Luminous Intensity Polar Plot



— Vertical Plane Through 89-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

REPORT NUMBER: P565278

CATALOG NUMBER: PMM-SA3B-727-U-T1

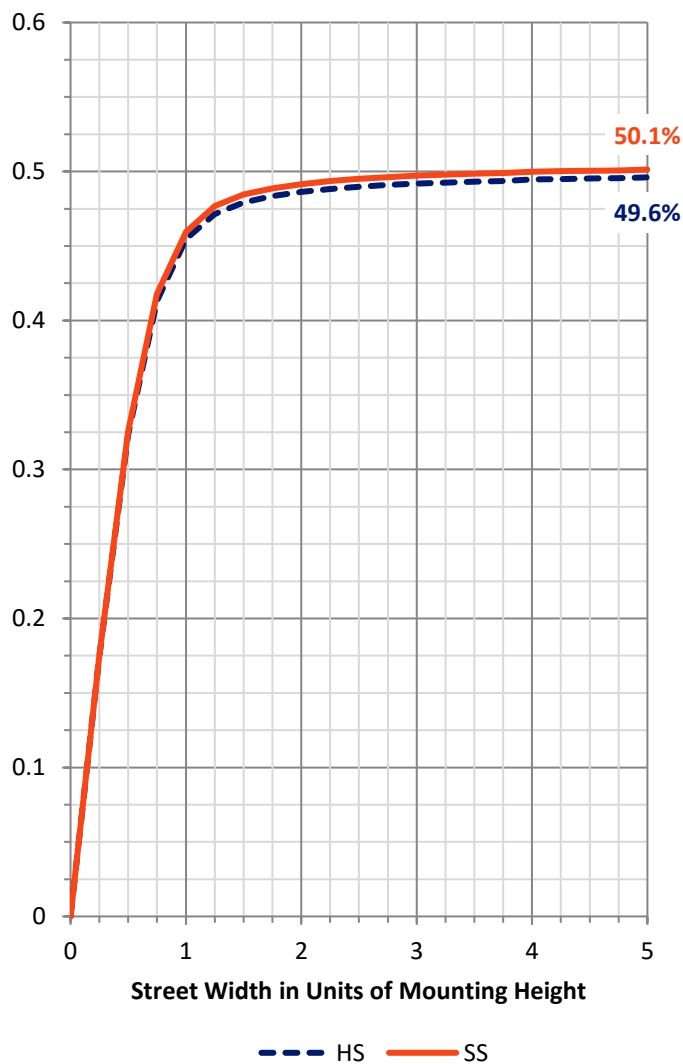
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5557.4 | 0.0 | 5557.4 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Street Side | Lumens | 5557.6 | 0.0 | 5557.6 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Total | Lumens | 11115.0 | 0.0 | 11115.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 88.5 | 0.8 |
| 10°-20° | 407.6 | 3.7 |
| 20°-30° | 813.1 | 7.3 |
| 30°-40° | 1229.8 | 11.1 |
| 40°-50° | 1785.2 | 16.1 |
| 50°-60° | 2345.4 | 21.1 |
| 60°-70° | 2861.1 | 25.7 |
| 70°-80° | 1446.5 | 13.0 |
| 80°-90° | 137.9 | 1.2 |
| 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° | 11115.0 | 100.0 |
| 0°-180° | 11115.0 | 100.0 |

Coefficient of Utilization



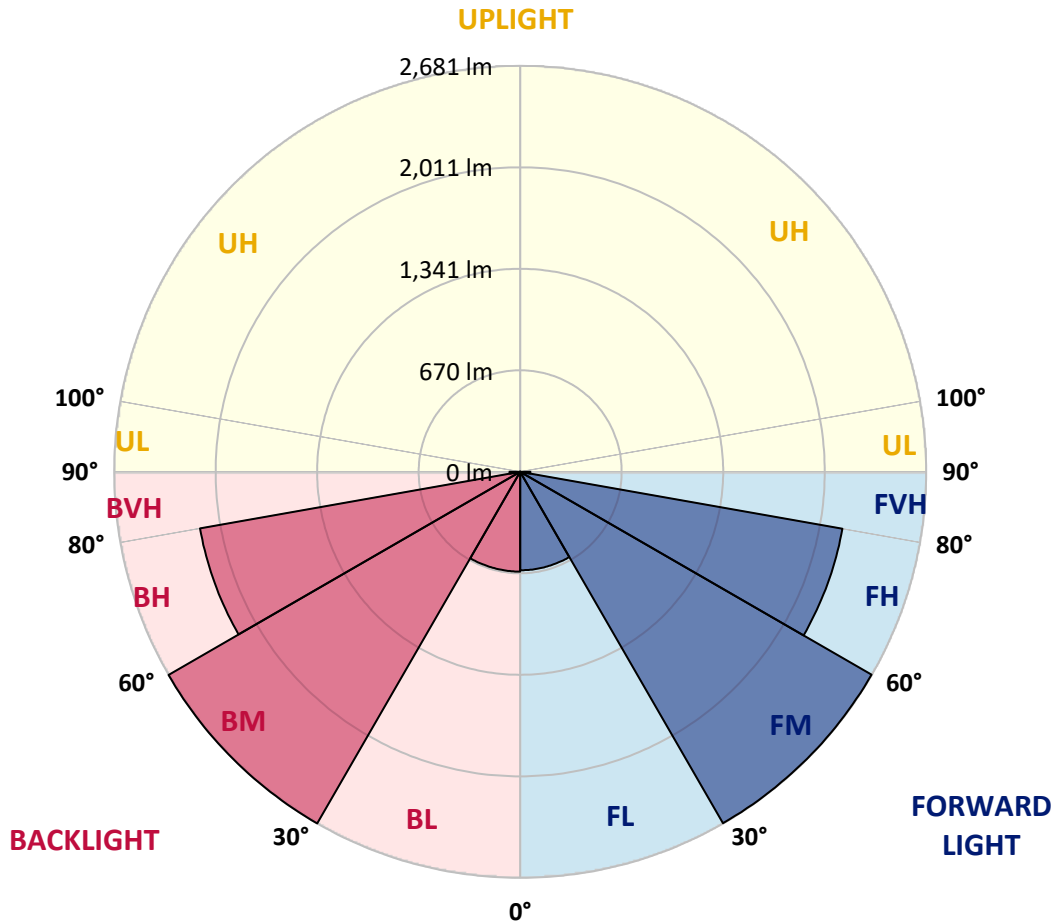
REPORT NUMBER: P565278
 CATALOG NUMBER: PMM-SA3B-727-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 650.0 | 5.8 | | | |
| FM (30°-60°) | 2679.3 | 24.1 | | | |
| FH (60°-80°) | 2160.7 | 19.4 | | | G2/5000 |
| FVH (80°-90°) | 67.6 | 0.6 | | | G1/100 |
| BL (0°-30°) | 659.2 | 5.9 | B2/1000 | | |
| BM (30°-60°) | 2681.1 | 24.1 | B3/5000 | | |
| BH (60°-80°) | 2146.9 | 19.3 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 70.3 | 0.6 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type I Medium





REPORT NUMBER: P565278

CATALOG NUMBER: PMM-SA3B-727-U-T1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 70° | 75° | 80° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0° | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 |
| 2.5° | 826.2 | 730.9 | 722.7 | 699.9 | 716.4 | 722.7 | 708.2 | 687.5 | 710.2 | 722.7 | 699.9 |
| 5° | 1041.5 | 900.7 | 853.1 | 813.8 | 735.1 | 702.0 | 735.1 | 820.0 | 830.3 | 882.1 | 867.6 |
| 7.5° | 1147.1 | 1124.4 | 1064.3 | 933.9 | 807.6 | 737.2 | 826.2 | 948.4 | 1010.5 | 1060.2 | 1111.9 |
| 10° | 1225.8 | 1213.4 | 1107.8 | 1014.6 | 962.9 | 967.0 | 969.1 | 1008.4 | 1062.2 | 1145.1 | 1174.1 |
| 12.5° | 1244.5 | 1240.3 | 1256.9 | 1236.2 | 1240.3 | 1263.1 | 1240.3 | 1230.0 | 1261.0 | 1287.9 | 1259.0 |
| 15° | 1364.6 | 1362.5 | 1368.7 | 1372.8 | 1455.7 | 1490.9 | 1455.7 | 1424.6 | 1401.8 | 1379.1 | 1426.7 |
| 17.5° | 1447.4 | 1437.0 | 1439.1 | 1478.5 | 1571.6 | 1669.0 | 1650.3 | 1608.9 | 1557.1 | 1588.2 | 1627.5 |
| 20° | 1492.9 | 1474.3 | 1486.7 | 1503.3 | 1660.7 | 1768.3 | 1780.8 | 1724.9 | 1693.8 | 1733.1 | 1766.3 |
| 22.5° | 1536.4 | 1507.4 | 1464.0 | 1480.5 | 1625.5 | 1780.8 | 1840.8 | 1826.3 | 1849.1 | 1861.5 | 1855.3 |
| 25° | 1484.7 | 1503.3 | 1455.7 | 1503.3 | 1650.3 | 1793.2 | 1913.3 | 1998.2 | 2000.3 | 1994.0 | 2039.6 |
| 27.5° | 1453.6 | 1439.1 | 1358.4 | 1480.5 | 1602.7 | 1691.7 | 1998.2 | 2141.1 | 2184.5 | 2052.0 | 2141.1 |
| 30° | 1399.8 | 1422.5 | 1312.8 | 1414.3 | 1569.6 | 1718.6 | 2095.5 | 2300.5 | 2236.3 | 2219.7 | 2240.5 |
| 32.5° | 1366.6 | 1352.1 | 1300.4 | 1356.3 | 1474.3 | 1799.4 | 2157.6 | 2393.7 | 2474.4 | 2435.1 | 2431.0 |
| 35° | 1312.8 | 1323.2 | 1242.4 | 1302.4 | 1468.1 | 1731.1 | 2199.0 | 2627.7 | 2751.9 | 2720.8 | 2696.0 |
| 37.5° | 1321.1 | 1285.9 | 1227.9 | 1271.4 | 1428.8 | 1768.3 | 2302.6 | 2853.4 | 3050.1 | 3066.6 | 2952.8 |
| 40° | 1259.0 | 1238.3 | 1151.3 | 1223.8 | 1354.2 | 1745.6 | 2327.4 | 3110.1 | 3443.5 | 3518.0 | 3354.5 |
| 42.5° | 1169.9 | 1143.0 | 1093.3 | 1174.1 | 1310.7 | 1633.7 | 2362.6 | 3418.7 | 3843.1 | 3998.4 | 3849.4 |
| 45° | 1041.5 | 1006.3 | 981.5 | 1089.2 | 1215.5 | 1604.8 | 2325.3 | 3675.4 | 4226.2 | 4439.5 | 4435.4 |
| 47.5° | 886.2 | 863.5 | 851.0 | 964.9 | 1136.8 | 1532.3 | 2248.7 | 3836.9 | 4493.3 | 5040.0 | 4957.2 |
| 50° | 710.2 | 693.7 | 691.6 | 811.7 | 1004.3 | 1383.2 | 2161.8 | 3917.7 | 4899.2 | 5590.8 | 5663.3 |
| 52.5° | 569.4 | 557.0 | 554.9 | 652.3 | 840.7 | 1182.3 | 1979.5 | 3979.8 | 5286.4 | 6216.1 | 6588.8 |
| 55° | 445.2 | 432.8 | 434.8 | 515.6 | 668.8 | 967.0 | 1702.1 | 3909.4 | 5626.0 | 6855.9 | 7562.0 |
| 57.5° | 364.4 | 352.0 | 354.1 | 399.6 | 511.5 | 739.2 | 1356.3 | 3756.2 | 5779.2 | 7646.9 | 8696.8 |
| 60° | 321.0 | 308.5 | 302.3 | 323.0 | 393.4 | 557.0 | 1008.4 | 3159.8 | 5804.1 | 8303.3 | 9928.8 |
| 62.5° | 298.2 | 285.8 | 279.5 | 285.8 | 325.1 | 426.6 | 726.8 | 2503.4 | 5661.2 | 8864.5 | 11057.3 |
| 65° | 277.5 | 267.1 | 258.8 | 265.0 | 285.8 | 339.6 | 530.1 | 1714.5 | 4913.7 | 9121.2 | 11877.3 |
| 67.5° | 254.7 | 246.4 | 238.1 | 246.4 | 260.9 | 285.8 | 412.1 | 1085.0 | 3683.7 | 8787.9 | 12219.0 |
| 69° | 242.3 | 229.8 | 225.7 | 231.9 | 246.4 | 263.0 | 356.2 | 865.5 | 2801.6 | 8154.3 | 12011.9 |
| 70° | 229.8 | 221.6 | 215.3 | 225.7 | 238.1 | 250.5 | 321.0 | 735.1 | 2197.0 | 7340.5 | 11498.4 |
| 72.5° | 202.9 | 196.7 | 192.6 | 202.9 | 213.3 | 221.6 | 263.0 | 523.9 | 1273.5 | 4998.6 | 9119.2 |
| 75° | 178.1 | 171.9 | 169.8 | 178.1 | 186.4 | 190.5 | 221.6 | 360.3 | 751.6 | 2615.2 | 5470.7 |
| 77.5° | 149.1 | 140.8 | 142.9 | 153.2 | 159.4 | 161.5 | 186.4 | 258.8 | 443.1 | 1184.4 | 2534.5 |
| 80° | 109.7 | 109.7 | 118.0 | 126.3 | 126.3 | 126.3 | 149.1 | 188.4 | 269.2 | 544.6 | 1051.9 |
| 82.5° | 76.6 | 78.7 | 80.8 | 93.2 | 95.3 | 87.0 | 113.9 | 136.7 | 167.7 | 238.1 | 364.4 |
| 85° | 43.5 | 45.6 | 47.6 | 55.9 | 58.0 | 51.8 | 74.5 | 87.0 | 97.3 | 118.0 | 190.5 |
| 87.5° | 16.6 | 18.6 | 24.8 | 29.0 | 31.1 | 22.8 | 35.2 | 41.4 | 41.4 | 49.7 | 84.9 |
| 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: P565278

CATALOG NUMBER: PMM-SA3B-727-U-T1

CANDELA DISTRIBUTION (continued):

| | 85° | 87.5° | 89° | 90° | 92.5° | 95° | 100° | 105° | 110° | 115° | 125° |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0° | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 |
| 2.5° | 747.5 | 762.0 | 788.9 | 795.1 | 772.4 | 747.5 | 691.6 | 726.8 | 741.3 | 714.4 | 722.7 |
| 5° | 925.6 | 956.6 | 989.8 | 950.4 | 925.6 | 909.0 | 882.1 | 884.2 | 869.7 | 822.1 | 743.4 |
| 7.5° | 1126.4 | 1091.2 | 1116.1 | 1143.0 | 1103.7 | 1105.7 | 1130.6 | 1078.8 | 1039.5 | 958.7 | 811.7 |
| 10° | 1219.6 | 1219.6 | 1225.8 | 1225.8 | 1209.3 | 1209.3 | 1207.2 | 1124.4 | 1076.7 | 1041.5 | 1000.1 |
| 12.5° | 1225.8 | 1223.8 | 1248.6 | 1230.0 | 1234.1 | 1238.3 | 1248.6 | 1285.9 | 1273.5 | 1227.9 | 1265.2 |
| 15° | 1397.7 | 1389.4 | 1397.7 | 1395.6 | 1401.8 | 1420.5 | 1412.2 | 1403.9 | 1406.0 | 1439.1 | 1495.0 |
| 17.5° | 1559.2 | 1563.3 | 1555.1 | 1569.6 | 1569.6 | 1582.0 | 1611.0 | 1582.0 | 1557.1 | 1619.3 | 1662.7 |
| 20° | 1745.6 | 1731.1 | 1697.9 | 1722.8 | 1729.0 | 1731.1 | 1778.7 | 1743.5 | 1708.3 | 1731.1 | 1782.8 |
| 22.5° | 1934.0 | 1931.9 | 1936.1 | 1938.1 | 1946.4 | 1915.4 | 1851.2 | 1840.8 | 1863.6 | 1832.5 | 1838.7 |
| 25° | 2050.0 | 2052.0 | 2062.4 | 2064.4 | 2029.2 | 2062.4 | 2085.2 | 2016.8 | 2016.8 | 2010.6 | 1969.2 |
| 27.5° | 2190.8 | 2159.7 | 2172.1 | 2188.7 | 2174.2 | 2182.5 | 2155.6 | 2056.2 | 2161.8 | 2176.3 | 2010.6 |
| 30° | 2286.0 | 2271.5 | 2257.0 | 2273.6 | 2288.1 | 2325.3 | 2248.7 | 2238.4 | 2246.7 | 2323.3 | 2105.9 |
| 32.5° | 2486.9 | 2507.6 | 2480.6 | 2453.7 | 2480.6 | 2472.4 | 2439.2 | 2424.7 | 2528.3 | 2426.8 | 2172.1 |
| 35° | 2673.2 | 2681.5 | 2683.6 | 2679.4 | 2696.0 | 2667.0 | 2667.0 | 2720.8 | 2751.9 | 2642.2 | 2192.8 |
| 37.5° | 3122.6 | 3093.6 | 3033.5 | 3004.5 | 3056.3 | 3099.8 | 2971.4 | 3035.6 | 3023.2 | 2836.8 | 2348.1 |
| 40° | 3445.6 | 3511.8 | 3530.5 | 3522.2 | 3530.5 | 3406.2 | 3433.2 | 3480.8 | 3424.9 | 3116.3 | 2294.3 |
| 42.5° | 3917.7 | 3959.1 | 3944.6 | 3926.0 | 3934.3 | 3911.5 | 3830.7 | 4006.7 | 3805.9 | 3429.0 | 2377.1 |
| 45° | 4348.4 | 4441.6 | 4447.8 | 4383.6 | 4435.4 | 4354.6 | 4387.7 | 4449.8 | 4246.9 | 3663.0 | 2354.3 |
| 47.5° | 4861.9 | 5054.5 | 4982.0 | 4982.0 | 5033.8 | 4859.8 | 4938.5 | 5021.3 | 4483.0 | 3820.4 | 2230.1 |
| 50° | 5621.8 | 5725.4 | 5721.2 | 5702.6 | 5725.4 | 5632.2 | 5619.8 | 5609.4 | 4845.3 | 3969.5 | 2153.5 |
| 52.5° | 6481.2 | 6622.0 | 6568.1 | 6588.8 | 6619.9 | 6443.9 | 6582.6 | 6203.7 | 5298.8 | 4025.4 | 1979.5 |
| 55° | 7578.6 | 7675.9 | 7622.1 | 7516.5 | 7657.3 | 7545.5 | 7591.0 | 6851.8 | 5613.6 | 3865.9 | 1689.7 |
| 57.5° | 8885.2 | 8934.9 | 8845.9 | 8835.5 | 8928.7 | 8808.6 | 8732.0 | 7580.7 | 5777.1 | 3745.8 | 1350.1 |
| 60° | 10411.3 | 10566.6 | 10510.7 | 10421.6 | 10506.5 | 10400.9 | 9821.1 | 8199.8 | 5744.0 | 3184.7 | 1045.7 |
| 62.5° | 12241.7 | 12399.1 | 12337.0 | 12276.9 | 12330.8 | 12055.4 | 10844.0 | 8688.5 | 5594.9 | 2524.1 | 764.1 |
| 65° | 13753.3 | 14463.5 | 14556.7 | 14558.8 | 14297.9 | 13660.1 | 11659.9 | 8879.0 | 4808.1 | 1762.1 | 559.1 |
| 67.5° | 14747.2 | 16223.6 | 16683.3 | 16517.6 | 15919.2 | 14463.5 | 11989.1 | 8506.3 | 3712.7 | 1114.0 | 418.3 |
| 69° | 14633.3 | 16569.4 | 17234.1 | 17140.9 | 16300.2 | 14451.1 | 11732.4 | 7878.9 | 2836.8 | 886.2 | 354.1 |
| 70° | 14107.4 | 16285.7 | 17074.6 | 17116.1 | 16058.0 | 13896.2 | 11274.7 | 7158.3 | 2294.3 | 755.8 | 325.1 |
| 72.5° | 11258.2 | 13419.9 | 14113.6 | 14384.9 | 13335.0 | 11127.7 | 9245.5 | 5050.3 | 1329.4 | 528.0 | 263.0 |
| 75° | 6974.0 | 8137.7 | 8713.3 | 8870.7 | 8235.0 | 6930.5 | 5611.5 | 2809.9 | 809.6 | 372.7 | 221.6 |
| 77.5° | 3126.7 | 3464.2 | 3795.5 | 3795.5 | 3547.0 | 3164.0 | 2571.8 | 1358.4 | 459.7 | 265.0 | 186.4 |
| 80° | 1047.8 | 1087.1 | 1058.1 | 1068.5 | 1027.0 | 987.7 | 1033.3 | 586.0 | 283.7 | 198.8 | 151.2 |
| 82.5° | 712.3 | 894.5 | 950.4 | 950.4 | 892.5 | 704.0 | 397.6 | 269.2 | 173.9 | 142.9 | 116.0 |
| 85° | 579.8 | 708.2 | 759.9 | 782.7 | 737.2 | 594.3 | 209.1 | 130.5 | 103.5 | 91.1 | 78.7 |
| 87.5° | 194.6 | 182.2 | 171.9 | 167.7 | 176.0 | 184.3 | 103.5 | 55.9 | 47.6 | 43.5 | 41.4 |
| 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: P565278

CATALOG NUMBER: PMM-SA3B-727-U-T1

CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|
| 0° | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 | 704.0 |
| 2.5° | 737.2 | 712.3 | 722.7 | 733.0 | 807.6 | 863.5 |
| 5° | 733.0 | 768.2 | 846.9 | 946.3 | 991.8 | 1103.7 |
| 7.5° | 753.7 | 882.1 | 1029.1 | 1132.7 | 1174.1 | 1209.3 |
| 10° | 1008.4 | 1031.2 | 1080.9 | 1180.3 | 1263.1 | 1277.6 |
| 12.5° | 1302.4 | 1296.2 | 1261.0 | 1306.6 | 1265.2 | 1294.2 |
| 15° | 1532.3 | 1464.0 | 1416.3 | 1410.1 | 1395.6 | 1395.6 |
| 17.5° | 1658.6 | 1598.5 | 1532.3 | 1515.7 | 1472.2 | 1507.4 |
| 20° | 1807.7 | 1704.2 | 1538.5 | 1521.9 | 1507.4 | 1474.3 |
| 22.5° | 1778.7 | 1675.2 | 1503.3 | 1482.6 | 1559.2 | 1555.1 |
| 25° | 1813.9 | 1675.2 | 1511.6 | 1488.8 | 1524.0 | 1524.0 |
| 27.5° | 1726.9 | 1613.0 | 1495.0 | 1358.4 | 1466.0 | 1490.9 |
| 30° | 1704.2 | 1575.8 | 1439.1 | 1316.9 | 1426.7 | 1403.9 |
| 32.5° | 1824.2 | 1482.6 | 1348.0 | 1310.7 | 1391.5 | 1374.9 |
| 35° | 1731.1 | 1466.0 | 1325.2 | 1256.9 | 1352.1 | 1335.6 |
| 37.5° | 1770.4 | 1445.3 | 1285.9 | 1227.9 | 1304.5 | 1329.4 |
| 40° | 1762.1 | 1348.0 | 1240.3 | 1165.8 | 1242.4 | 1254.8 |
| 42.5° | 1623.4 | 1273.5 | 1163.7 | 1089.2 | 1128.5 | 1169.9 |
| 45° | 1582.0 | 1227.9 | 1089.2 | 985.6 | 987.7 | 1035.3 |
| 47.5° | 1505.4 | 1124.4 | 952.5 | 857.3 | 857.3 | 896.6 |
| 50° | 1377.0 | 985.6 | 797.2 | 710.2 | 708.2 | 739.2 |
| 52.5° | 1186.5 | 851.0 | 673.0 | 577.7 | 571.5 | 602.6 |
| 55° | 971.1 | 685.4 | 530.1 | 468.0 | 455.5 | 468.0 |
| 57.5° | 755.8 | 534.2 | 418.3 | 368.6 | 366.5 | 376.9 |
| 60° | 586.0 | 418.3 | 333.4 | 304.4 | 308.5 | 325.1 |
| 62.5° | 443.1 | 333.4 | 283.7 | 273.3 | 279.5 | 296.1 |
| 65° | 352.0 | 287.8 | 258.8 | 252.6 | 258.8 | 275.4 |
| 67.5° | 285.8 | 260.9 | 240.2 | 231.9 | 236.1 | 252.6 |
| 69° | 263.0 | 246.4 | 229.8 | 219.5 | 223.6 | 236.1 |
| 70° | 250.5 | 238.1 | 221.6 | 211.2 | 215.3 | 227.8 |
| 72.5° | 219.5 | 213.3 | 200.9 | 190.5 | 192.6 | 202.9 |
| 75° | 192.6 | 188.4 | 180.1 | 167.7 | 167.7 | 180.1 |
| 77.5° | 161.5 | 163.6 | 155.3 | 142.9 | 140.8 | 147.0 |
| 80° | 128.4 | 132.5 | 128.4 | 116.0 | 111.8 | 111.8 |
| 82.5° | 93.2 | 101.5 | 97.3 | 84.9 | 82.8 | 82.8 |
| 85° | 58.0 | 64.2 | 62.1 | 53.8 | 53.8 | 47.6 |
| 87.5° | 26.9 | 35.2 | 33.1 | 29.0 | 26.9 | 18.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)