

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: P597410

Luminaire Tested: **PMM-SA3C-722-U-SLL**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P597410
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-SA3C-722-U-SLL
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) 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: 11465 lumens
Efficiency: N/A
Efficacy: 69.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

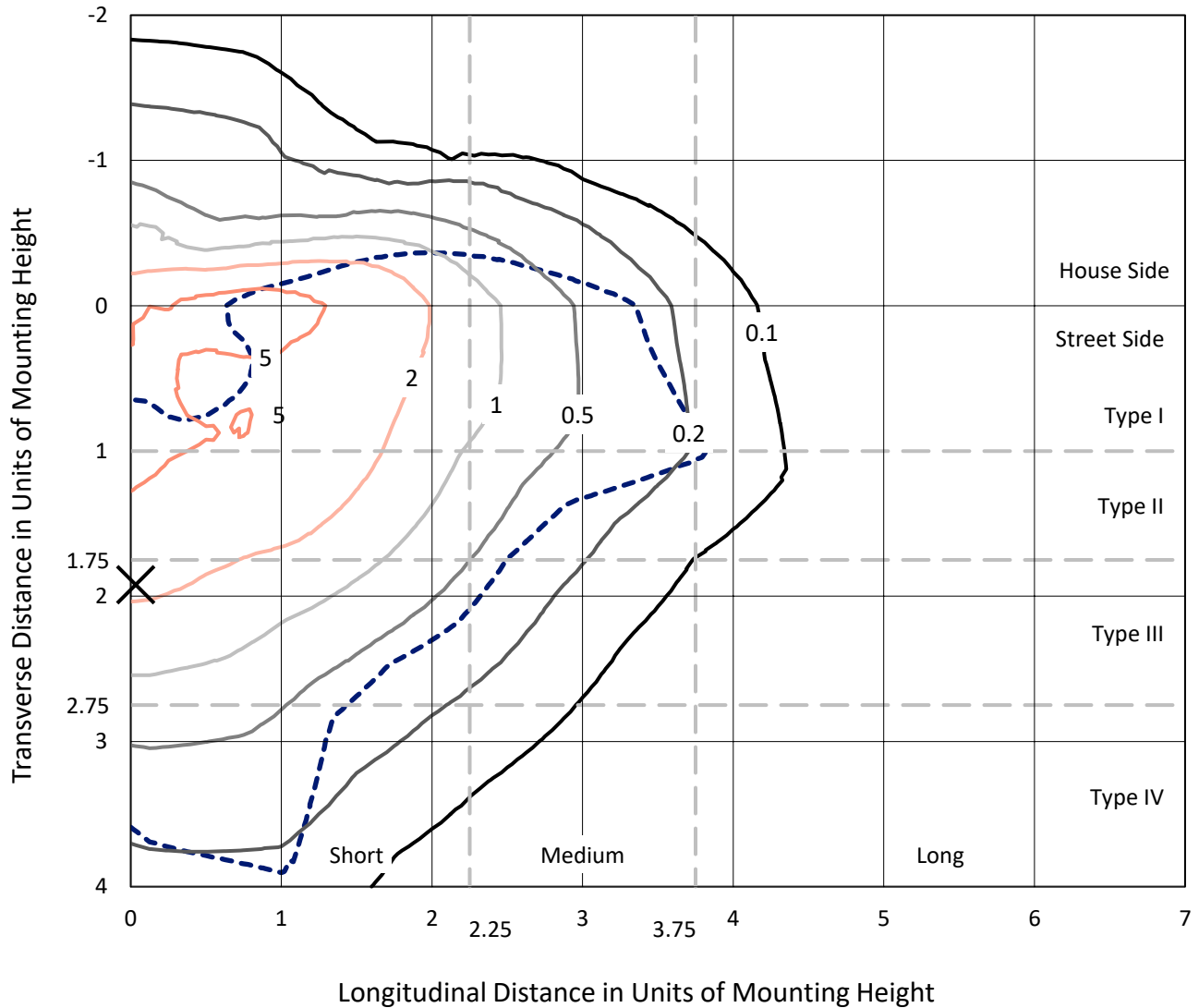
Input Watts (W): 166
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

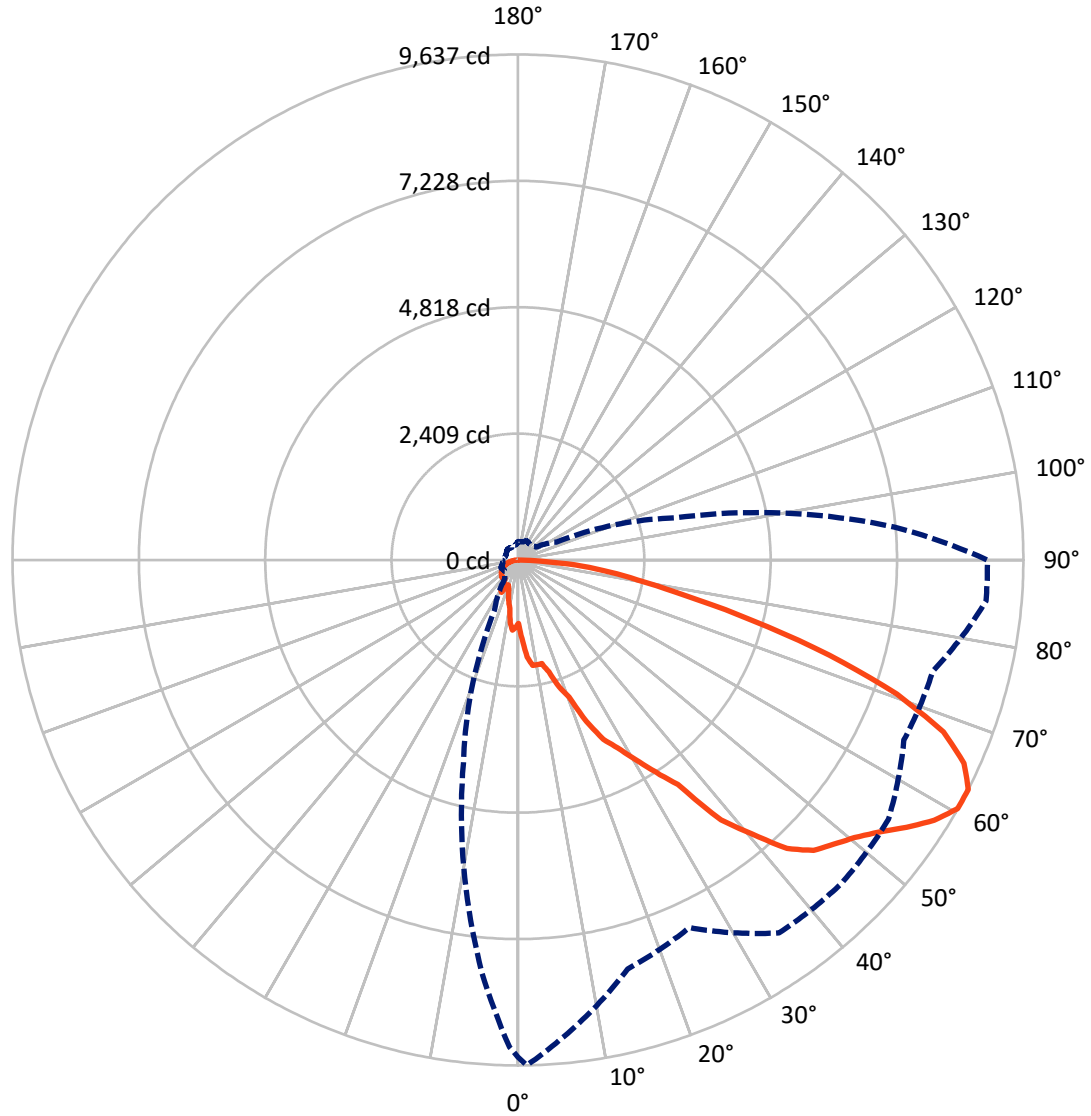
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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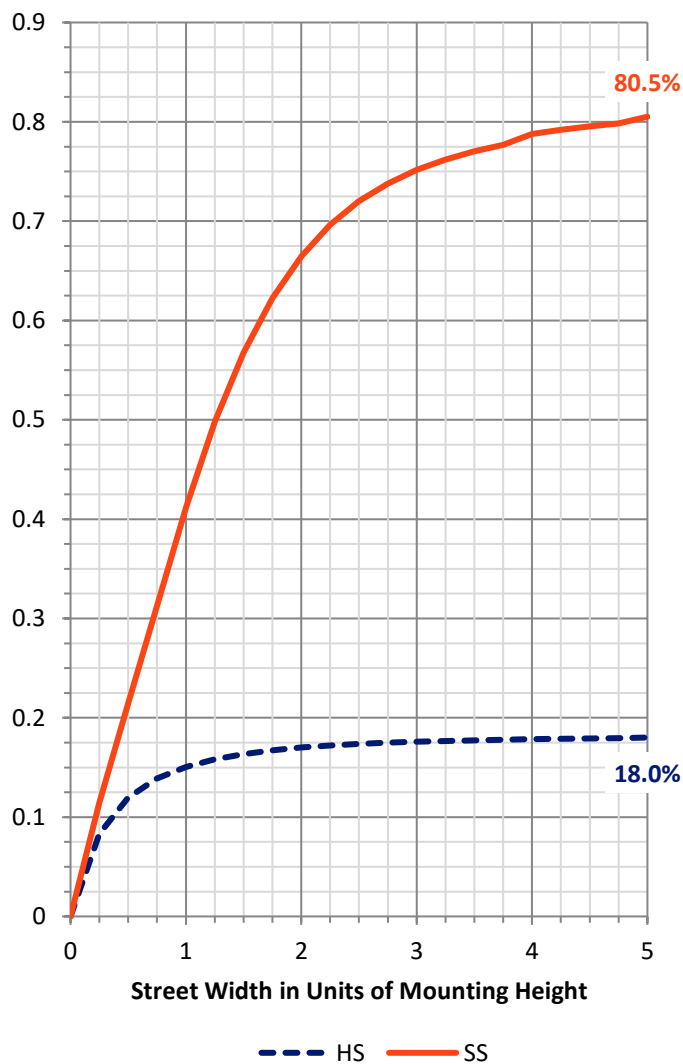
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2087.7 | 0.0 | 2087.7 |
| | % Fixture | 18.2 | 0.0 | 18.2 |
| Street Side | Lumens | 9377.3 | 0.0 | 9377.3 |
| | % Fixture | 81.8 | 0.0 | 81.8 |
| Total | Lumens | 11465.0 | 0.0 | 11465.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 138.6 | 1.2 |
| 10°-20° | 402.7 | 3.5 |
| 20°-30° | 711.0 | 6.2 |
| 30°-40° | 1107.5 | 9.7 |
| 40°-50° | 1823.6 | 15.9 |
| 50°-60° | 2602.8 | 22.7 |
| 60°-70° | 2760.0 | 24.1 |
| 70°-80° | 1524.5 | 13.3 |
| 80°-90° | 394.3 | 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° | 11465.0 | 100.0 |
| 0°-180° | 11465.0 | 100.0 |

Coefficient of Utilization



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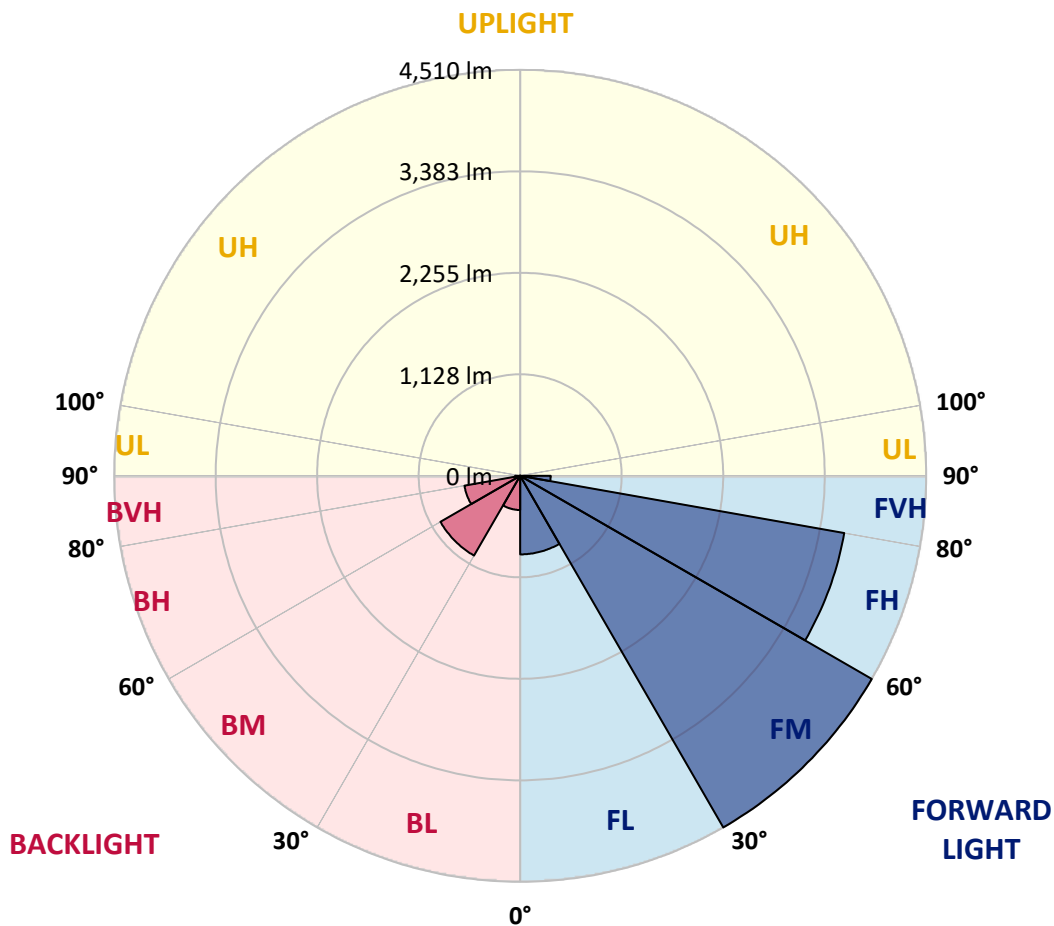
CATALOG NUMBER: PMM-SA3C-722-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 872.7 | 7.6 | | | |
| FM (30°-60°) | 4510.4 | 39.3 | | | |
| FH (60°-80°) | 3655.5 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 338.7 | 3.0 | | | G3/500 |
| BL (0°-30°) | 379.7 | 3.3 | B1/500 | | |
| BM (30°-60°) | 1023.4 | 8.9 | B2/2500 | | |
| BH (60°-80°) | 629.0 | 5.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 55.6 | 0.5 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 |
| 2.5° | 1486.6 | 1499.4 | 1473.2 | 1443.8 | 1321.9 | 1439.3 | 1404.3 | 1469.3 | 1448.2 | 1306.9 | 1565.6 |
| 5° | 1837.1 | 1860.5 | 1834.9 | 1923.3 | 1928.9 | 1951.7 | 1740.9 | 1872.2 | 1826.5 | 1814.8 | 1945.6 |
| 7.5° | 2006.2 | 2030.2 | 2095.3 | 2252.7 | 2375.7 | 2264.4 | 2141.4 | 2114.2 | 2078.6 | 1985.7 | 2064.7 |
| 10° | 2016.8 | 2030.2 | 2117.5 | 2451.3 | 2510.9 | 2589.9 | 2510.3 | 2322.8 | 2245.5 | 2043.5 | 1983.4 |
| 12.5° | 1985.1 | 2026.8 | 2139.8 | 2546.5 | 2723.4 | 2809.6 | 2829.1 | 2620.5 | 2430.7 | 2200.4 | 2169.8 |
| 15° | 2198.2 | 2213.2 | 2375.1 | 2614.3 | 2736.2 | 2809.1 | 2872.5 | 2744.0 | 2684.4 | 2502.0 | 2256.6 |
| 17.5° | 2503.6 | 2545.4 | 2677.8 | 2766.2 | 2848.6 | 2862.5 | 2810.2 | 2760.1 | 2665.5 | 2909.2 | 2648.3 |
| 20° | 2710.6 | 2791.3 | 2953.7 | 2970.4 | 2797.4 | 2828.0 | 2820.8 | 2824.1 | 2770.1 | 3220.8 | 3077.2 |
| 22.5° | 3258.1 | 3345.4 | 3367.7 | 3270.8 | 2944.8 | 2805.2 | 2833.0 | 2913.7 | 3126.2 | 3512.3 | 3674.8 |
| 25° | 3753.8 | 3787.7 | 3990.8 | 3741.5 | 3221.9 | 2917.6 | 2871.9 | 3080.6 | 3427.2 | 4003.0 | 4118.7 |
| 27.5° | 4012.5 | 4056.4 | 4191.6 | 3649.2 | 3256.4 | 2772.9 | 2666.1 | 2983.8 | 3337.1 | 3772.1 | 4280.1 |
| 30° | 4343.5 | 4413.6 | 4597.8 | 3741.5 | 3360.4 | 2867.5 | 2631.0 | 2934.8 | 3325.4 | 3923.5 | 4621.7 |
| 32.5° | 4684.6 | 4820.9 | 4957.7 | 4067.0 | 3346.0 | 3012.1 | 2855.2 | 2879.7 | 3431.1 | 4240.6 | 4975.5 |
| 35° | 5136.3 | 5256.5 | 5374.4 | 4255.0 | 3637.5 | 3132.9 | 2977.1 | 3236.4 | 3702.6 | 4608.3 | 5469.0 |
| 37.5° | 6102.2 | 6292.4 | 5981.4 | 4790.3 | 3954.6 | 3677.0 | 3396.0 | 3549.6 | 3989.7 | 4914.9 | 6275.2 |
| 40° | 6717.5 | 6860.5 | 6560.1 | 5154.7 | 4513.2 | 4043.6 | 3997.5 | 4010.3 | 4385.2 | 5177.5 | 6817.6 |
| 42.5° | 7328.9 | 7522.6 | 7044.6 | 5654.9 | 5188.6 | 4800.8 | 4562.7 | 4546.6 | 4828.1 | 5649.3 | 7434.7 |
| 45° | 7785.2 | 7899.2 | 7211.0 | 6076.6 | 5913.0 | 5625.4 | 5446.8 | 5163.6 | 5410.1 | 5975.9 | 7816.3 |
| 47.5° | 8002.1 | 8095.1 | 7478.6 | 6321.9 | 6382.6 | 6397.6 | 6719.7 | 6236.8 | 5918.6 | 6196.8 | 8016.6 |
| 50° | 8273.1 | 8317.0 | 7636.1 | 6537.8 | 6828.8 | 7488.6 | 7566.0 | 6747.5 | 6413.7 | 6437.7 | 8135.1 |
| 52.5° | 8596.9 | 8615.3 | 7865.8 | 6787.0 | 7280.0 | 8206.3 | 8086.7 | 7613.2 | 6885.0 | 6877.7 | 8358.2 |
| 55° | 9004.1 | 8993.0 | 8154.0 | 7122.5 | 7602.1 | 8633.1 | 8542.4 | 8197.4 | 7398.5 | 7242.2 | 8705.4 |
| 57.5° | 9366.3 | 9359.7 | 8536.2 | 7431.3 | 7873.1 | 8852.3 | 8879.0 | 8787.7 | 7747.9 | 7503.1 | 9081.5 |
| 60° | 9543.8 | 9628.9 | 8971.3 | 7769.0 | 7890.3 | 8951.3 | 8961.3 | 8816.1 | 8138.5 | 7838.0 | 9181.6 |
| 62.5° | 9474.8 | 9636.7 | 9185.0 | 8072.8 | 7731.8 | 8680.9 | 8722.6 | 8622.5 | 8120.6 | 8189.6 | 8958.0 |
| 65° | 9161.0 | 9348.0 | 8999.7 | 8234.7 | 7634.4 | 8228.0 | 8238.6 | 7985.5 | 7866.4 | 8422.8 | 8433.9 |
| 67.5° | 8572.4 | 8747.7 | 8410.0 | 7976.5 | 6967.9 | 7007.4 | 7243.3 | 7263.9 | 7090.3 | 8246.9 | 7697.8 |
| 70° | 7542.0 | 7665.5 | 7454.1 | 7339.0 | 5824.0 | 5592.5 | 5848.5 | 5958.1 | 6037.1 | 7612.1 | 6814.3 |
| 72.5° | 5970.9 | 6209.5 | 6242.9 | 6318.0 | 4689.0 | 4303.5 | 4493.2 | 4330.7 | 4845.3 | 6478.8 | 5567.5 |
| 75° | 4417.5 | 4618.9 | 4835.3 | 5254.3 | 3695.9 | 3221.9 | 3198.5 | 3115.6 | 3596.3 | 5210.3 | 4129.3 |
| 77.5° | 3121.7 | 3250.3 | 3416.6 | 4197.2 | 2789.0 | 2481.4 | 2495.8 | 2411.8 | 2597.1 | 3937.9 | 2852.5 |
| 80° | 2237.7 | 2305.0 | 2382.3 | 2765.1 | 2057.4 | 2140.9 | 2143.1 | 2063.5 | 1931.1 | 2674.4 | 1903.9 |
| 82.5° | 1594.5 | 1646.8 | 1735.3 | 1823.8 | 1533.9 | 1754.8 | 1753.1 | 1748.1 | 1531.1 | 1807.6 | 1191.2 |
| 85° | 888.0 | 958.1 | 1111.6 | 1428.7 | 1107.7 | 1254.6 | 1103.3 | 1215.1 | 1123.8 | 1203.4 | 603.1 |
| 87.5° | 62.3 | 55.6 | 248.7 | 827.9 | 516.9 | 377.8 | 198.1 | 392.2 | 503.0 | 628.7 | 84.0 |
| 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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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 |
| 2.5° | 1619.0 | 1638.5 | 1562.3 | 1447.7 | 1478.8 | 1444.9 | 1402.0 | 1335.3 | 1197.8 | 1283.0 | 1283.5 |
| 5° | 1944.5 | 1870.5 | 1811.0 | 1754.8 | 1660.2 | 1517.2 | 1498.3 | 1383.7 | 1319.1 | 1353.1 | 1348.1 |
| 7.5° | 2046.3 | 1941.1 | 1851.6 | 1650.7 | 1475.5 | 1253.5 | 1186.7 | 1118.8 | 1090.5 | 1172.8 | 1205.6 |
| 10° | 1934.5 | 1824.9 | 1737.0 | 1492.7 | 1373.7 | 1235.1 | 1051.5 | 957.5 | 901.9 | 923.6 | 936.4 |
| 12.5° | 2024.6 | 1912.8 | 1636.3 | 1499.9 | 1303.6 | 1219.0 | 1058.2 | 920.2 | 837.9 | 857.9 | 834.0 |
| 15° | 2111.4 | 1960.6 | 1684.1 | 1412.6 | 1253.5 | 1131.1 | 1000.9 | 858.5 | 761.7 | 727.2 | 708.8 |
| 17.5° | 2428.5 | 2178.2 | 1678.5 | 1363.6 | 1181.2 | 1040.4 | 883.5 | 727.7 | 663.2 | 627.6 | 597.0 |
| 20° | 2815.2 | 2466.3 | 1708.6 | 1313.0 | 1104.4 | 926.9 | 756.1 | 611.4 | 566.4 | 543.0 | 534.7 |
| 22.5° | 3275.3 | 2835.8 | 1880.5 | 1305.8 | 1032.0 | 844.0 | 686.0 | 595.9 | 545.2 | 519.6 | 509.1 |
| 25° | 3640.8 | 3218.0 | 2007.4 | 1354.7 | 1028.2 | 775.6 | 643.7 | 662.1 | 638.7 | 646.5 | 584.7 |
| 27.5° | 3995.8 | 3322.0 | 1936.1 | 1333.0 | 924.7 | 654.3 | 633.7 | 672.1 | 692.1 | 698.2 | 696.0 |
| 30° | 4295.7 | 3761.6 | 1951.7 | 1210.6 | 781.1 | 533.0 | 485.1 | 504.1 | 559.1 | 646.5 | 663.2 |
| 32.5° | 4734.6 | 3971.9 | 2084.7 | 1136.6 | 698.2 | 476.8 | 423.4 | 416.2 | 429.0 | 460.7 | 487.9 |
| 35° | 5248.2 | 4455.9 | 2122.0 | 1117.2 | 640.9 | 451.8 | 414.5 | 397.8 | 404.5 | 428.4 | 434.0 |
| 37.5° | 6205.7 | 4808.6 | 2259.9 | 1093.2 | 619.8 | 436.7 | 407.8 | 401.7 | 416.2 | 435.6 | 446.8 |
| 40° | 6733.6 | 5442.9 | 2266.6 | 1072.7 | 592.5 | 430.6 | 412.3 | 409.5 | 418.4 | 445.1 | 451.8 |
| 42.5° | 7437.4 | 5804.5 | 2371.2 | 1048.7 | 583.1 | 439.0 | 421.2 | 420.1 | 427.8 | 443.4 | 455.7 |
| 45° | 7866.4 | 6046.5 | 2376.8 | 1034.8 | 580.8 | 475.7 | 432.8 | 429.0 | 427.3 | 436.7 | 447.9 |
| 47.5° | 8142.9 | 6395.4 | 2444.7 | 1019.3 | 594.2 | 485.1 | 446.8 | 430.1 | 424.5 | 428.4 | 436.7 |
| 50° | 8404.9 | 6674.1 | 2573.2 | 1017.0 | 608.1 | 475.7 | 471.2 | 429.5 | 418.4 | 416.7 | 422.8 |
| 52.5° | 8726.5 | 7132.5 | 2731.7 | 1038.2 | 604.8 | 461.8 | 489.6 | 427.3 | 407.3 | 403.4 | 409.5 |
| 55° | 9194.4 | 7623.8 | 2900.3 | 1020.4 | 570.3 | 435.1 | 471.8 | 425.6 | 395.6 | 388.3 | 393.9 |
| 57.5° | 9497.6 | 7905.3 | 3088.9 | 1005.3 | 518.0 | 415.0 | 455.7 | 426.7 | 396.7 | 380.6 | 383.9 |
| 60° | 9396.9 | 7754.0 | 3162.9 | 913.5 | 468.5 | 399.5 | 417.3 | 417.8 | 386.7 | 371.6 | 374.4 |
| 62.5° | 8951.9 | 7206.0 | 3093.9 | 806.7 | 431.7 | 377.2 | 377.8 | 401.1 | 357.7 | 347.2 | 351.6 |
| 65° | 8329.8 | 6524.4 | 2814.6 | 737.2 | 414.5 | 353.8 | 344.9 | 352.2 | 318.8 | 311.0 | 319.9 |
| 67.5° | 7566.5 | 5684.3 | 2399.0 | 663.7 | 408.4 | 322.1 | 311.6 | 308.8 | 287.6 | 278.7 | 287.6 |
| 70° | 6609.0 | 4759.7 | 1917.8 | 612.0 | 385.0 | 287.6 | 279.3 | 276.5 | 258.7 | 252.0 | 259.8 |
| 72.5° | 5312.1 | 3716.5 | 1479.9 | 572.5 | 359.4 | 255.9 | 248.7 | 245.4 | 230.3 | 220.9 | 230.3 |
| 75° | 3778.2 | 2840.2 | 1099.4 | 511.9 | 323.2 | 223.7 | 215.3 | 210.9 | 197.0 | 188.1 | 196.4 |
| 77.5° | 2685.0 | 2132.0 | 767.8 | 423.4 | 266.5 | 189.2 | 184.2 | 176.9 | 164.7 | 154.1 | 162.5 |
| 80° | 1985.1 | 1523.3 | 495.2 | 326.6 | 203.6 | 151.3 | 148.5 | 143.5 | 131.9 | 119.1 | 125.2 |
| 82.5° | 1306.9 | 1098.3 | 283.7 | 221.4 | 148.0 | 109.0 | 111.3 | 107.9 | 96.8 | 83.5 | 86.8 |
| 85° | 585.3 | 650.4 | 150.8 | 121.8 | 96.3 | 65.7 | 71.8 | 69.5 | 61.2 | 48.4 | 49.5 |
| 87.5° | 56.2 | 109.6 | 46.2 | 44.5 | 35.6 | 20.6 | 25.6 | 21.7 | 18.4 | 11.7 | 8.9 |
| 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: PMM-SA3C-722-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 | 1209.0 |
| 2.5° | 1303.0 | 1224.6 | 1146.1 | 1194.0 | 1195.1 | 1207.9 | 1209.5 | 1162.2 | 1200.1 | 1229.0 | 1259.0 |
| 5° | 1323.6 | 1272.4 | 1275.2 | 1229.0 | 1204.0 | 1236.2 | 1229.6 | 1216.8 | 1239.6 | 1271.3 | 1309.7 |
| 7.5° | 1174.5 | 1141.1 | 1135.5 | 1091.0 | 983.1 | 959.2 | 979.2 | 987.5 | 1018.1 | 1067.1 | 1108.3 |
| 10° | 916.9 | 983.1 | 908.5 | 891.3 | 862.9 | 807.3 | 775.0 | 771.1 | 836.2 | 875.7 | 910.2 |
| 12.5° | 826.2 | 809.5 | 800.6 | 753.3 | 753.3 | 694.3 | 675.4 | 692.7 | 792.8 | 821.2 | 865.7 |
| 15° | 703.8 | 691.6 | 650.4 | 627.0 | 615.9 | 592.0 | 612.0 | 628.7 | 722.2 | 724.4 | 771.1 |
| 17.5° | 584.2 | 576.9 | 538.0 | 533.6 | 522.4 | 511.9 | 530.2 | 570.3 | 620.9 | 612.0 | 633.7 |
| 20° | 522.4 | 497.4 | 461.8 | 474.6 | 462.9 | 454.5 | 446.8 | 503.5 | 539.1 | 550.8 | 563.6 |
| 22.5° | 506.8 | 461.2 | 440.1 | 428.4 | 429.0 | 415.6 | 417.3 | 464.6 | 518.5 | 525.8 | 518.0 |
| 25° | 579.2 | 497.9 | 429.5 | 395.6 | 382.8 | 378.3 | 391.1 | 432.8 | 497.9 | 513.5 | 519.6 |
| 27.5° | 677.6 | 540.8 | 442.3 | 384.4 | 358.9 | 361.1 | 379.4 | 408.4 | 485.1 | 513.0 | 520.2 |
| 30° | 650.4 | 508.5 | 442.9 | 376.1 | 344.4 | 356.1 | 362.7 | 390.6 | 475.1 | 516.9 | 553.0 |
| 32.5° | 501.8 | 457.3 | 445.6 | 382.8 | 370.0 | 351.6 | 361.1 | 387.8 | 445.6 | 471.8 | 473.5 |
| 35° | 425.1 | 391.1 | 383.3 | 367.8 | 350.0 | 342.2 | 352.7 | 376.1 | 413.9 | 430.1 | 427.8 |
| 37.5° | 421.7 | 384.4 | 353.8 | 347.2 | 339.9 | 337.7 | 343.8 | 365.5 | 403.9 | 432.3 | 426.2 |
| 40° | 427.3 | 381.1 | 350.0 | 338.3 | 341.0 | 331.0 | 337.2 | 363.9 | 405.6 | 432.3 | 426.7 |
| 42.5° | 420.6 | 377.2 | 344.9 | 336.0 | 338.8 | 324.9 | 332.1 | 360.0 | 401.1 | 432.8 | 422.3 |
| 45° | 407.3 | 368.3 | 342.2 | 327.1 | 339.9 | 319.4 | 328.3 | 350.0 | 387.8 | 422.3 | 410.0 |
| 47.5° | 393.9 | 357.7 | 330.5 | 321.0 | 333.8 | 313.8 | 317.7 | 336.6 | 374.4 | 408.4 | 397.8 |
| 50° | 379.4 | 344.4 | 321.0 | 318.2 | 327.1 | 312.7 | 306.6 | 322.1 | 358.3 | 392.2 | 383.3 |
| 52.5° | 363.9 | 333.3 | 314.3 | 313.2 | 321.6 | 305.4 | 296.5 | 308.8 | 341.0 | 375.0 | 367.8 |
| 55° | 348.8 | 321.0 | 306.0 | 308.8 | 318.2 | 299.3 | 288.2 | 296.0 | 322.7 | 356.1 | 346.1 |
| 57.5° | 333.8 | 307.1 | 294.9 | 302.7 | 309.9 | 291.5 | 277.6 | 282.1 | 303.8 | 336.6 | 324.9 |
| 60° | 320.5 | 294.9 | 282.6 | 292.1 | 298.8 | 279.8 | 263.7 | 266.5 | 286.0 | 315.5 | 304.9 |
| 62.5° | 303.2 | 281.5 | 265.4 | 277.6 | 282.6 | 264.3 | 247.0 | 250.4 | 265.9 | 293.8 | 286.0 |
| 65° | 278.7 | 264.8 | 249.8 | 258.2 | 264.8 | 245.9 | 229.8 | 233.7 | 245.4 | 271.5 | 265.9 |
| 67.5° | 257.6 | 244.2 | 234.2 | 240.9 | 242.0 | 227.6 | 213.1 | 215.3 | 224.8 | 249.2 | 243.1 |
| 70° | 234.2 | 221.4 | 213.6 | 218.6 | 218.1 | 205.9 | 194.7 | 195.3 | 203.1 | 225.3 | 217.0 |
| 72.5° | 208.6 | 196.4 | 192.5 | 195.3 | 193.1 | 181.9 | 171.4 | 175.3 | 180.3 | 197.0 | 190.3 |
| 75° | 181.4 | 170.2 | 168.0 | 170.8 | 167.5 | 156.9 | 147.4 | 151.3 | 155.8 | 169.7 | 161.3 |
| 77.5° | 153.0 | 143.0 | 143.5 | 144.1 | 139.6 | 132.4 | 123.0 | 126.9 | 129.6 | 139.1 | 130.7 |
| 80° | 121.8 | 114.1 | 116.3 | 116.3 | 111.3 | 106.3 | 97.4 | 98.5 | 100.1 | 103.5 | 97.4 |
| 82.5° | 89.0 | 89.0 | 89.0 | 89.6 | 79.0 | 80.7 | 72.9 | 72.3 | 70.7 | 70.1 | 66.2 |
| 85° | 52.9 | 55.1 | 56.2 | 57.9 | 42.8 | 50.1 | 43.4 | 41.7 | 38.4 | 35.1 | 33.9 |
| 87.5° | 11.7 | 15.0 | 15.0 | 14.5 | 0.0 | 5.6 | 2.8 | 4.5 | 1.1 | 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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