

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: P368634

Luminaire Tested: **PMM-SA4D-740-U-SLL**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368634
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA4D-740-U-SLL
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) 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: 22536 lumens
Efficiency: N/A
Efficacy: 87.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

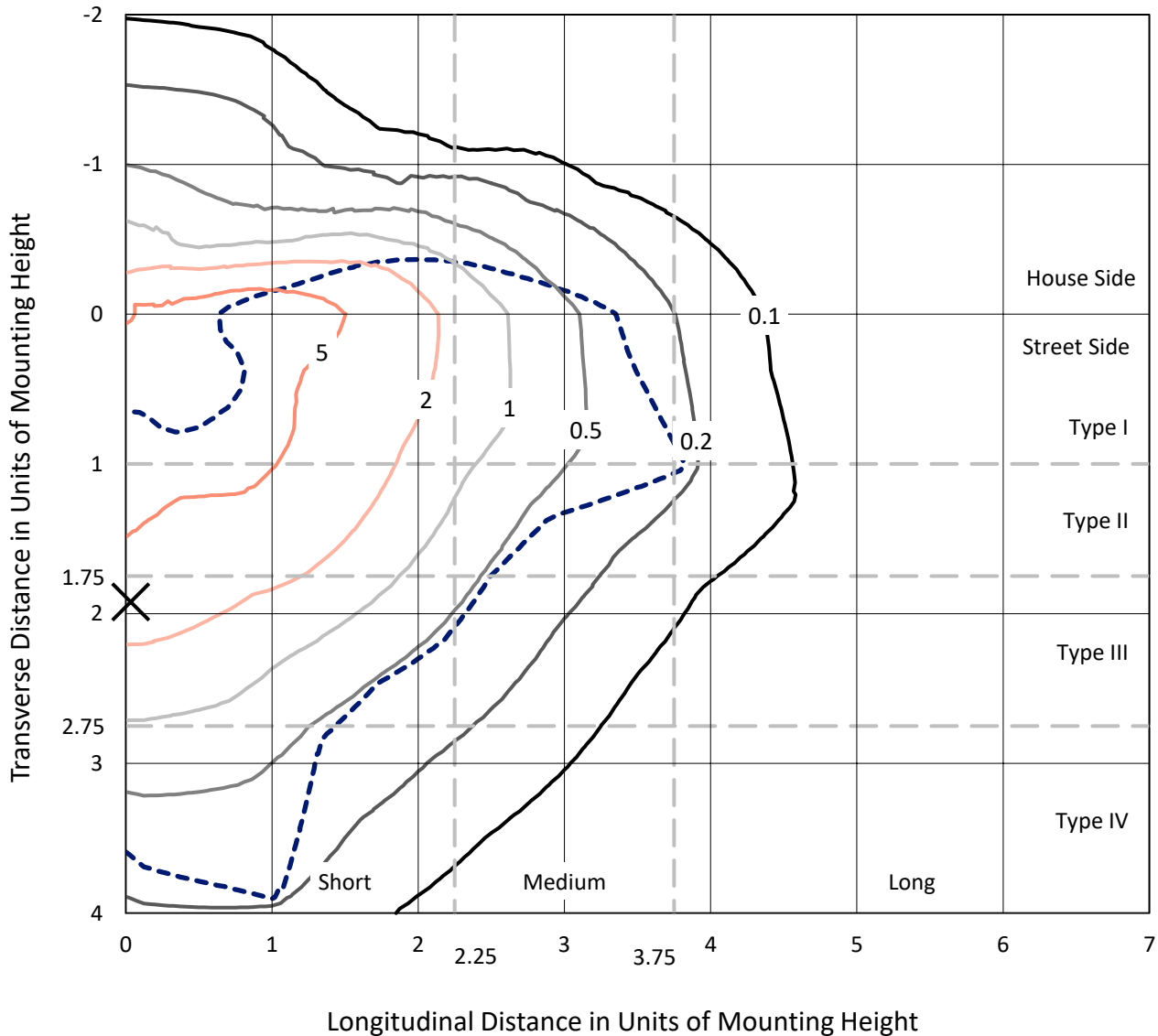
Input Watts (W): 259
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

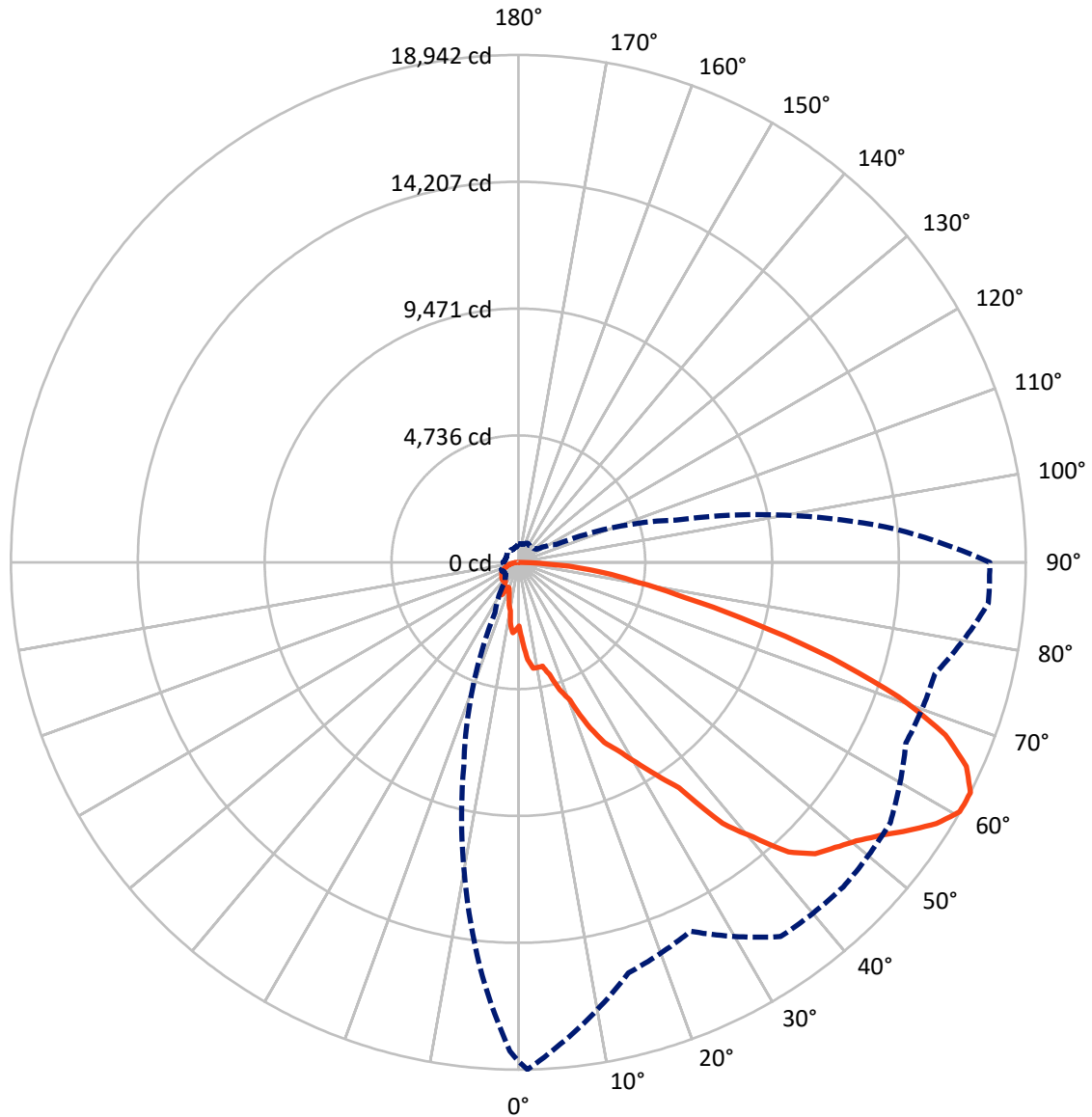
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 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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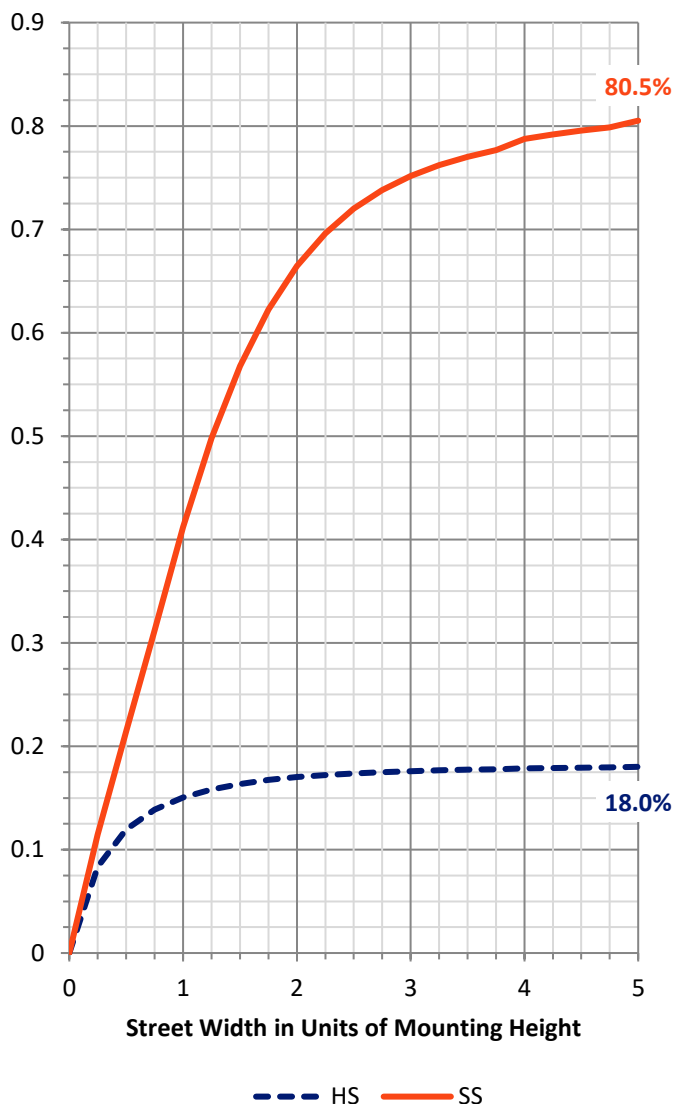
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4103.7 | 0.0 | 4103.7 |
| | % Fixture | 18.2 | 0.0 | 18.2 |
| Street Side | Lumens | 18432.3 | 0.0 | 18432.3 |
| | % Fixture | 81.8 | 0.0 | 81.8 |
| Total | Lumens | 22536.0 | 0.0 | 22536.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 272.4 | 1.2 |
| 10°-20° | 791.6 | 3.5 |
| 20°-30° | 1397.6 | 6.2 |
| 30°-40° | 2176.9 | 9.7 |
| 40°-50° | 3584.6 | 15.9 |
| 50°-60° | 5116.1 | 22.7 |
| 60°-70° | 5425.1 | 24.1 |
| 70°-80° | 2996.6 | 13.3 |
| 80°-90° | 775.1 | 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° | 22536.0 | 100.0 |
| 0°-180° | 22536.0 | 100.0 |

Coefficient of Utilization



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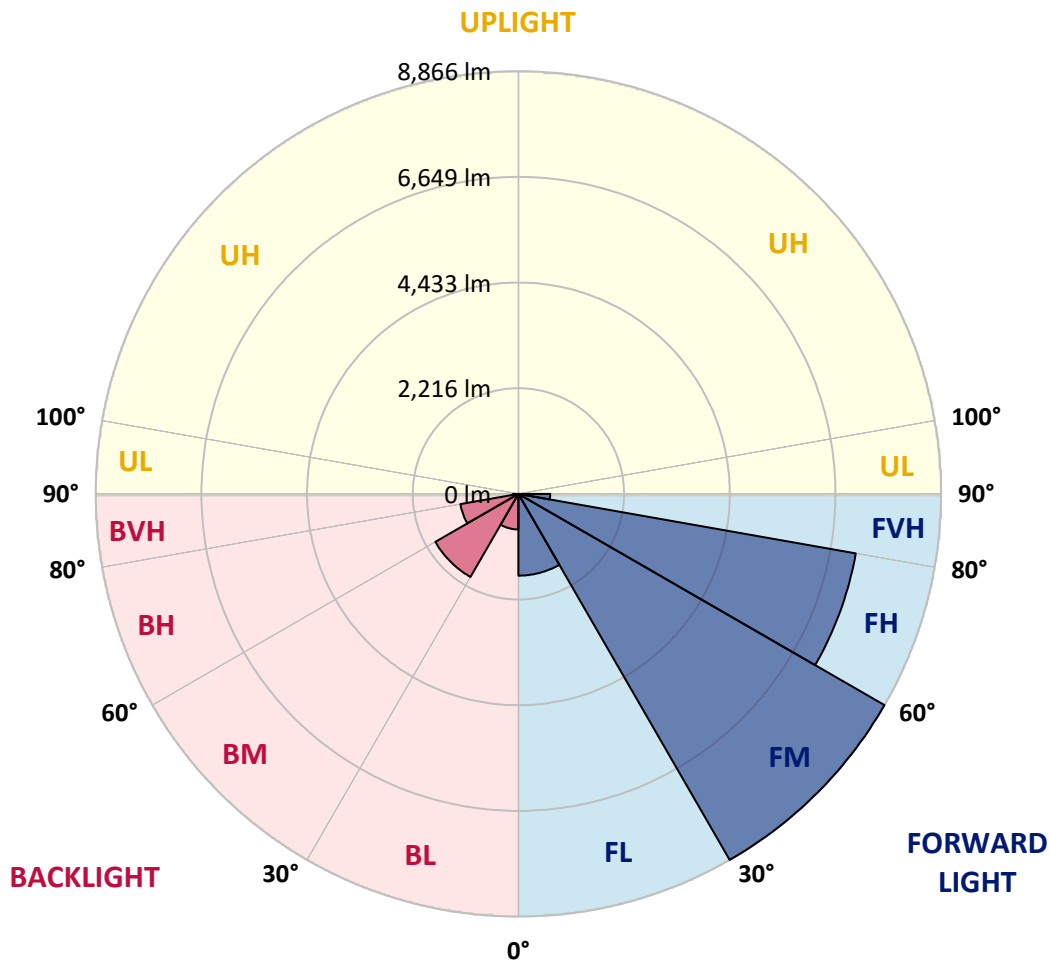
CATALOG NUMBER: PMM-SA4D-740-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1715.3 | 7.6 | | | |
| FM (30°-60°) | 8865.9 | 39.3 | | | |
| FH (60°-80°) | 7185.4 | 31.9 | | | G3/7500 |
| FVH (80°-90°) | 665.8 | 3.0 | | | G4/750 |
| BL (0°-30°) | 746.3 | 3.3 | B2/1000 | | |
| BM (30°-60°) | 2011.7 | 8.9 | B2/2500 | | |
| BH (60°-80°) | 1236.3 | 5.5 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 109.3 | 0.5 | | | G2/225 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 |
| 2.5° | 2922.1 | 2947.3 | 2895.9 | 2837.9 | 2598.4 | 2829.2 | 2760.3 | 2888.2 | 2846.6 | 2568.9 | 3077.4 |
| 5° | 3611.1 | 3657.0 | 3606.7 | 3780.6 | 3791.5 | 3836.4 | 3421.9 | 3680.0 | 3590.3 | 3567.3 | 3824.3 |
| 7.5° | 3943.5 | 3990.6 | 4118.5 | 4428.0 | 4669.7 | 4451.0 | 4209.3 | 4155.7 | 4085.7 | 3903.1 | 4058.4 |
| 10° | 3964.3 | 3990.6 | 4162.3 | 4818.4 | 4935.4 | 5090.7 | 4934.3 | 4565.8 | 4413.8 | 4016.8 | 3898.7 |
| 12.5° | 3902.0 | 3984.0 | 4206.0 | 5005.4 | 5353.2 | 5522.7 | 5561.0 | 5150.9 | 4777.9 | 4325.2 | 4265.1 |
| 15° | 4320.8 | 4350.4 | 4668.6 | 5138.8 | 5378.3 | 5521.6 | 5646.3 | 5393.6 | 5276.6 | 4917.9 | 4435.7 |
| 17.5° | 4921.2 | 5003.2 | 5263.5 | 5437.4 | 5599.2 | 5626.6 | 5523.8 | 5425.4 | 5239.5 | 5718.4 | 5205.5 |
| 20° | 5328.0 | 5486.6 | 5805.9 | 5838.7 | 5498.6 | 5558.8 | 5544.6 | 5551.1 | 5445.0 | 6330.9 | 6048.7 |
| 22.5° | 6404.1 | 6575.8 | 6619.6 | 6429.3 | 5788.4 | 5513.9 | 5568.6 | 5727.2 | 6145.0 | 6903.9 | 7223.2 |
| 25° | 7378.5 | 7445.2 | 7844.4 | 7354.5 | 6333.1 | 5734.9 | 5645.2 | 6055.3 | 6736.6 | 7868.5 | 8095.9 |
| 27.5° | 7887.1 | 7973.5 | 8239.2 | 7172.9 | 6400.9 | 5450.5 | 5240.5 | 5865.0 | 6559.4 | 7414.6 | 8413.1 |
| 30° | 8537.8 | 8675.5 | 9037.5 | 7354.5 | 6605.4 | 5636.4 | 5171.6 | 5768.8 | 6536.5 | 7712.1 | 9084.6 |
| 32.5° | 9208.1 | 9476.1 | 9745.1 | 7994.2 | 6576.9 | 5920.8 | 5612.4 | 5660.5 | 6744.2 | 8335.4 | 9780.1 |
| 35° | 10096.1 | 10332.4 | 10564.2 | 8363.9 | 7150.0 | 6158.1 | 5851.9 | 6361.5 | 7277.9 | 9058.3 | 10750.1 |
| 37.5° | 11994.6 | 12368.6 | 11757.3 | 9415.9 | 7773.3 | 7227.6 | 6675.4 | 6977.2 | 7842.2 | 9660.9 | 12334.7 |
| 40° | 13204.2 | 13485.2 | 12894.7 | 10132.2 | 8871.3 | 7948.3 | 7857.5 | 7882.7 | 8619.8 | 10177.1 | 13401.0 |
| 42.5° | 14406.0 | 14786.6 | 13847.2 | 11115.4 | 10198.9 | 9436.7 | 8968.6 | 8936.9 | 9490.3 | 11104.4 | 14613.8 |
| 45° | 15302.8 | 15527.0 | 14174.2 | 11944.3 | 11622.8 | 11057.4 | 10706.4 | 10149.7 | 10634.2 | 11746.4 | 15364.0 |
| 47.5° | 15729.3 | 15911.9 | 14700.2 | 12426.6 | 12545.8 | 12575.3 | 13208.5 | 12259.3 | 11633.7 | 12180.5 | 15757.7 |
| 50° | 16261.9 | 16348.3 | 15009.7 | 12850.9 | 13422.9 | 14719.9 | 14871.9 | 13263.2 | 12607.1 | 12654.1 | 15990.7 |
| 52.5° | 16898.3 | 16934.4 | 15461.4 | 13340.9 | 14309.8 | 16130.6 | 15895.5 | 14964.9 | 13533.3 | 13519.1 | 16429.2 |
| 55° | 17698.9 | 17677.0 | 16027.8 | 14000.3 | 14943.0 | 16969.4 | 16791.2 | 16113.1 | 14542.7 | 14235.4 | 17111.6 |
| 57.5° | 18410.8 | 18397.7 | 16779.1 | 14607.3 | 15475.6 | 17400.3 | 17452.8 | 17273.5 | 15229.5 | 14748.3 | 17850.9 |
| 60° | 18759.7 | 18927.0 | 17634.3 | 15271.1 | 15509.5 | 17595.0 | 17614.7 | 17329.2 | 15997.2 | 15406.7 | 18047.7 |
| 62.5° | 18624.1 | 18942.3 | 18054.3 | 15868.2 | 15197.8 | 17063.5 | 17145.5 | 16948.7 | 15962.2 | 16097.8 | 17608.1 |
| 65° | 18007.3 | 18374.7 | 17690.1 | 16186.4 | 15006.4 | 16173.3 | 16194.1 | 15696.5 | 15462.4 | 16556.1 | 16577.9 |
| 67.5° | 16850.2 | 17194.7 | 16530.9 | 15679.0 | 13696.3 | 13773.9 | 14237.6 | 14278.1 | 13936.9 | 16210.5 | 15131.1 |
| 70° | 14824.9 | 15067.7 | 14652.1 | 14425.7 | 11447.8 | 10992.9 | 11496.0 | 11711.4 | 11866.7 | 14962.7 | 13394.4 |
| 72.5° | 11736.5 | 12205.7 | 12271.3 | 12419.0 | 9216.9 | 8459.0 | 8831.9 | 8512.6 | 9524.2 | 12735.0 | 10943.7 |
| 75° | 8683.2 | 9079.1 | 9504.5 | 10328.0 | 7264.8 | 6333.1 | 6287.1 | 6124.2 | 7069.0 | 10241.6 | 8116.7 |
| 77.5° | 6136.2 | 6388.8 | 6715.8 | 8250.1 | 5482.2 | 4877.5 | 4905.9 | 4740.8 | 5104.9 | 7740.5 | 5606.9 |
| 80° | 4398.5 | 4530.8 | 4682.8 | 5435.2 | 4044.1 | 4208.2 | 4212.6 | 4056.2 | 3795.9 | 5256.9 | 3742.3 |
| 82.5° | 3134.3 | 3237.1 | 3410.9 | 3584.8 | 3015.1 | 3449.2 | 3445.9 | 3436.1 | 3009.6 | 3553.1 | 2341.4 |
| 85° | 1745.4 | 1883.2 | 2185.0 | 2808.4 | 2177.4 | 2466.1 | 2168.6 | 2388.4 | 2209.1 | 2365.5 | 1185.5 |
| 87.5° | 122.5 | 109.4 | 488.8 | 1627.3 | 1016.0 | 742.6 | 389.3 | 771.0 | 988.6 | 1235.8 | 165.1 |
| 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: PMM-SA4D-740-U-SLL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 |
| 2.5° | 3182.4 | 3220.7 | 3070.8 | 2845.6 | 2906.8 | 2840.1 | 2755.9 | 2624.6 | 2354.5 | 2521.8 | 2522.9 |
| 5° | 3822.1 | 3676.7 | 3559.7 | 3449.2 | 3263.3 | 2982.3 | 2945.1 | 2719.8 | 2592.9 | 2659.6 | 2649.8 |
| 7.5° | 4022.3 | 3815.6 | 3639.5 | 3244.7 | 2900.2 | 2463.9 | 2332.7 | 2199.2 | 2143.5 | 2305.3 | 2369.8 |
| 10° | 3802.5 | 3587.0 | 3414.2 | 2934.1 | 2700.1 | 2427.8 | 2066.9 | 1882.1 | 1772.7 | 1815.4 | 1840.5 |
| 12.5° | 3979.6 | 3759.8 | 3216.3 | 2948.4 | 2562.3 | 2396.1 | 2080.0 | 1808.8 | 1647.0 | 1686.3 | 1639.3 |
| 15° | 4150.2 | 3853.9 | 3310.3 | 2776.7 | 2463.9 | 2223.3 | 1967.4 | 1687.4 | 1497.1 | 1429.3 | 1393.2 |
| 17.5° | 4773.6 | 4281.5 | 3299.4 | 2680.4 | 2321.7 | 2045.0 | 1736.6 | 1430.4 | 1303.6 | 1233.6 | 1173.4 |
| 20° | 5533.6 | 4847.9 | 3358.5 | 2580.9 | 2170.8 | 1821.9 | 1486.2 | 1201.9 | 1113.3 | 1067.4 | 1051.0 |
| 22.5° | 6438.0 | 5574.1 | 3696.4 | 2566.7 | 2028.6 | 1659.0 | 1348.4 | 1171.2 | 1071.7 | 1021.4 | 1000.6 |
| 25° | 7156.5 | 6325.4 | 3945.7 | 2662.9 | 2021.0 | 1524.5 | 1265.3 | 1301.4 | 1255.5 | 1270.8 | 1149.4 |
| 27.5° | 7854.3 | 6529.9 | 3805.7 | 2620.3 | 1817.6 | 1286.1 | 1245.6 | 1321.1 | 1360.4 | 1372.5 | 1368.1 |
| 30° | 8443.7 | 7393.8 | 3836.4 | 2379.7 | 1535.4 | 1047.7 | 953.6 | 990.8 | 1099.1 | 1270.8 | 1303.6 |
| 32.5° | 9306.6 | 7807.2 | 4097.7 | 2234.2 | 1372.5 | 937.2 | 832.2 | 818.0 | 843.2 | 905.5 | 959.1 |
| 35° | 10316.0 | 8758.7 | 4171.0 | 2196.0 | 1259.8 | 888.0 | 814.7 | 781.9 | 795.0 | 842.1 | 853.0 |
| 37.5° | 12198.0 | 9452.0 | 4442.2 | 2148.9 | 1218.3 | 858.5 | 801.6 | 789.6 | 818.0 | 856.3 | 878.2 |
| 40° | 13235.9 | 10698.7 | 4455.3 | 2108.5 | 1164.7 | 846.4 | 810.4 | 804.9 | 822.4 | 874.9 | 888.0 |
| 42.5° | 14619.3 | 11409.6 | 4660.9 | 2061.4 | 1146.1 | 862.9 | 827.9 | 825.7 | 841.0 | 871.6 | 895.7 |
| 45° | 15462.4 | 11885.3 | 4671.9 | 2034.1 | 1141.7 | 935.0 | 850.8 | 843.2 | 839.9 | 858.5 | 880.4 |
| 47.5° | 16006.0 | 12571.0 | 4805.3 | 2003.5 | 1168.0 | 953.6 | 878.2 | 845.4 | 834.4 | 842.1 | 858.5 |
| 50° | 16521.1 | 13118.9 | 5057.9 | 1999.1 | 1195.3 | 935.0 | 926.3 | 844.3 | 822.4 | 819.1 | 831.1 |
| 52.5° | 17153.2 | 14020.0 | 5369.6 | 2040.7 | 1188.7 | 907.7 | 962.4 | 839.9 | 800.5 | 792.9 | 804.9 |
| 55° | 18072.9 | 14985.6 | 5701.0 | 2005.7 | 1120.9 | 855.2 | 927.4 | 836.6 | 777.6 | 763.3 | 774.3 |
| 57.5° | 18668.9 | 15539.0 | 6071.7 | 1976.1 | 1018.1 | 815.8 | 895.7 | 838.8 | 779.7 | 748.0 | 754.6 |
| 60° | 18470.9 | 15241.5 | 6217.1 | 1795.7 | 920.8 | 785.2 | 820.2 | 821.3 | 760.1 | 730.5 | 736.0 |
| 62.5° | 17596.1 | 14164.3 | 6081.5 | 1585.7 | 848.6 | 741.5 | 742.6 | 788.5 | 703.2 | 682.4 | 691.2 |
| 65° | 16373.4 | 12824.7 | 5532.5 | 1449.0 | 814.7 | 695.5 | 678.0 | 692.3 | 626.6 | 611.3 | 628.8 |
| 67.5° | 14873.0 | 11173.3 | 4715.6 | 1304.7 | 802.7 | 633.2 | 612.4 | 606.9 | 565.4 | 547.9 | 565.4 |
| 70° | 12990.9 | 9355.8 | 3769.6 | 1203.0 | 756.8 | 565.4 | 549.0 | 543.5 | 508.5 | 495.4 | 510.7 |
| 72.5° | 10441.7 | 7305.3 | 2909.0 | 1125.3 | 706.5 | 503.1 | 488.8 | 482.3 | 452.8 | 434.2 | 452.8 |
| 75° | 7426.7 | 5582.8 | 2161.0 | 1006.1 | 635.4 | 439.6 | 423.2 | 414.5 | 387.1 | 369.6 | 386.0 |
| 77.5° | 5277.7 | 4190.7 | 1509.2 | 832.2 | 523.8 | 371.8 | 362.0 | 347.8 | 323.7 | 302.9 | 319.3 |
| 80° | 3902.0 | 2994.3 | 973.3 | 641.9 | 400.3 | 297.5 | 292.0 | 282.1 | 259.2 | 234.0 | 246.1 |
| 82.5° | 2568.9 | 2158.8 | 557.7 | 435.3 | 290.9 | 214.3 | 218.7 | 212.2 | 190.3 | 164.0 | 170.6 |
| 85° | 1150.5 | 1278.4 | 296.4 | 239.5 | 189.2 | 129.0 | 141.1 | 136.7 | 120.3 | 95.1 | 97.3 |
| 87.5° | 110.5 | 215.4 | 90.8 | 87.5 | 70.0 | 40.5 | 50.3 | 42.7 | 36.1 | 23.0 | 17.5 |
| 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-SA4D-740-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 |
| 2.5° | 2561.2 | 2407.0 | 2252.8 | 2346.9 | 2349.1 | 2374.2 | 2377.5 | 2284.5 | 2358.9 | 2415.8 | 2474.8 |
| 5° | 2601.7 | 2501.1 | 2506.5 | 2415.8 | 2366.6 | 2430.0 | 2416.9 | 2391.7 | 2436.5 | 2498.9 | 2574.3 |
| 7.5° | 2308.6 | 2243.0 | 2232.0 | 2144.6 | 1932.4 | 1885.4 | 1924.7 | 1941.1 | 2001.3 | 2097.5 | 2178.5 |
| 10° | 1802.3 | 1932.4 | 1785.9 | 1752.0 | 1696.2 | 1586.8 | 1523.4 | 1515.7 | 1643.7 | 1721.3 | 1789.1 |
| 12.5° | 1624.0 | 1591.2 | 1573.7 | 1480.7 | 1480.7 | 1364.8 | 1327.6 | 1361.5 | 1558.4 | 1614.2 | 1701.6 |
| 15° | 1383.4 | 1359.3 | 1278.4 | 1232.5 | 1210.6 | 1163.6 | 1203.0 | 1235.8 | 1419.5 | 1423.9 | 1515.7 |
| 17.5° | 1148.3 | 1134.1 | 1057.5 | 1048.8 | 1026.9 | 1006.1 | 1042.2 | 1120.9 | 1220.5 | 1203.0 | 1245.6 |
| 20° | 1026.9 | 977.7 | 907.7 | 932.8 | 909.9 | 893.5 | 878.2 | 989.7 | 1059.7 | 1082.7 | 1107.8 |
| 22.5° | 996.3 | 906.6 | 865.0 | 842.1 | 843.2 | 816.9 | 820.2 | 913.2 | 1019.2 | 1033.5 | 1018.1 |
| 25° | 1138.4 | 978.8 | 844.3 | 777.6 | 752.4 | 743.6 | 768.8 | 850.8 | 978.8 | 1009.4 | 1021.4 |
| 27.5° | 1332.0 | 1063.0 | 869.4 | 755.7 | 705.4 | 709.7 | 745.8 | 802.7 | 953.6 | 1008.3 | 1022.5 |
| 30° | 1278.4 | 999.6 | 870.5 | 739.3 | 676.9 | 699.9 | 713.0 | 767.7 | 933.9 | 1016.0 | 1087.0 |
| 32.5° | 986.4 | 898.9 | 876.0 | 752.4 | 727.2 | 691.2 | 709.7 | 762.2 | 876.0 | 927.4 | 930.7 |
| 35° | 835.5 | 768.8 | 753.5 | 722.9 | 687.9 | 672.6 | 693.3 | 739.3 | 813.6 | 845.4 | 841.0 |
| 37.5° | 829.0 | 755.7 | 695.5 | 682.4 | 668.2 | 663.8 | 675.8 | 718.5 | 794.0 | 849.7 | 837.7 |
| 40° | 839.9 | 749.1 | 687.9 | 664.9 | 670.4 | 650.7 | 662.7 | 715.2 | 797.2 | 849.7 | 838.8 |
| 42.5° | 826.8 | 741.5 | 678.0 | 660.5 | 666.0 | 638.7 | 652.9 | 707.6 | 788.5 | 850.8 | 830.0 |
| 45° | 800.5 | 724.0 | 672.6 | 643.0 | 668.2 | 627.7 | 645.2 | 687.9 | 762.2 | 830.0 | 806.0 |
| 47.5° | 774.3 | 703.2 | 649.6 | 631.0 | 656.2 | 616.8 | 624.4 | 661.6 | 736.0 | 802.7 | 781.9 |
| 50° | 745.8 | 676.9 | 631.0 | 625.5 | 643.0 | 614.6 | 602.6 | 633.2 | 704.3 | 771.0 | 753.5 |
| 52.5° | 715.2 | 655.1 | 617.9 | 615.7 | 632.1 | 600.4 | 582.9 | 606.9 | 670.4 | 737.1 | 722.9 |
| 55° | 685.7 | 631.0 | 601.5 | 606.9 | 625.5 | 588.4 | 566.5 | 581.8 | 634.3 | 699.9 | 680.2 |
| 57.5° | 656.2 | 603.7 | 579.6 | 594.9 | 609.1 | 573.0 | 545.7 | 554.5 | 597.1 | 661.6 | 638.7 |
| 60° | 629.9 | 579.6 | 555.6 | 574.1 | 587.3 | 550.1 | 518.4 | 523.8 | 562.1 | 620.1 | 599.3 |
| 62.5° | 596.0 | 553.4 | 521.6 | 545.7 | 555.6 | 519.5 | 485.6 | 492.1 | 522.7 | 577.4 | 562.1 |
| 65° | 547.9 | 520.6 | 491.0 | 507.4 | 520.6 | 483.4 | 451.7 | 459.3 | 482.3 | 533.7 | 522.7 |
| 67.5° | 506.3 | 480.1 | 460.4 | 473.5 | 475.7 | 447.3 | 418.8 | 423.2 | 441.8 | 489.9 | 477.9 |
| 70° | 460.4 | 435.3 | 419.9 | 429.8 | 428.7 | 404.6 | 382.8 | 383.9 | 399.2 | 442.9 | 426.5 |
| 72.5° | 410.1 | 386.0 | 378.4 | 383.9 | 379.5 | 357.6 | 336.8 | 344.5 | 354.3 | 387.1 | 374.0 |
| 75° | 356.5 | 334.6 | 330.3 | 335.7 | 329.2 | 308.4 | 289.8 | 297.5 | 306.2 | 333.5 | 317.1 |
| 77.5° | 300.7 | 281.1 | 282.1 | 283.2 | 274.5 | 260.3 | 241.7 | 249.3 | 254.8 | 273.4 | 257.0 |
| 80° | 239.5 | 224.2 | 228.6 | 228.6 | 218.7 | 208.9 | 191.4 | 193.6 | 196.8 | 203.4 | 191.4 |
| 82.5° | 175.0 | 175.0 | 175.0 | 176.1 | 155.3 | 158.6 | 143.3 | 142.2 | 138.9 | 137.8 | 130.1 |
| 85° | 103.9 | 108.3 | 110.5 | 113.7 | 84.2 | 98.4 | 85.3 | 82.0 | 75.5 | 68.9 | 66.7 |
| 87.5° | 23.0 | 29.5 | 29.5 | 28.4 | 0.0 | 10.9 | 5.5 | 8.7 | 2.2 | 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 |



REPORT NUMBER: P368634

CATALOG NUMBER: PMM-SA4D-740-U-SLL

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 | 2376.4 |
| 2.5° | 2407.0 | 2341.4 | 2463.9 | 2573.2 | 2555.7 | 2619.2 | 2471.5 | 2690.3 | 2922.1 | 2922.1 |
| 5° | 2554.7 | 2498.9 | 2530.6 | 2594.0 | 2642.1 | 2863.1 | 3046.8 | 3229.4 | 3606.7 | 3611.1 |
| 7.5° | 2154.4 | 2274.7 | 2303.1 | 2284.5 | 2491.2 | 2775.6 | 3078.5 | 3599.0 | 3918.4 | 3943.5 |
| 10° | 2014.4 | 2069.1 | 2155.5 | 2203.6 | 2287.8 | 2567.8 | 2944.0 | 3561.9 | 3900.9 | 3964.3 |
| 12.5° | 1825.2 | 2027.5 | 2158.8 | 2427.8 | 2494.5 | 2550.3 | 3148.5 | 3683.3 | 3917.3 | 3902.0 |
| 15° | 1618.5 | 1771.6 | 1960.8 | 2258.3 | 2427.8 | 2854.3 | 3269.9 | 4072.6 | 4204.9 | 4320.8 |
| 17.5° | 1290.5 | 1403.1 | 1654.6 | 1993.6 | 2413.6 | 2806.2 | 3569.5 | 4553.8 | 4800.9 | 4921.2 |
| 20° | 1061.9 | 1063.0 | 1314.5 | 1764.0 | 2221.1 | 2605.0 | 3683.3 | 4952.9 | 5266.8 | 5328.0 |
| 22.5° | 1003.9 | 953.6 | 1085.9 | 1451.2 | 2008.9 | 2724.2 | 3912.9 | 5594.9 | 6249.9 | 6404.1 |
| 25° | 972.2 | 911.0 | 994.1 | 1280.6 | 1856.9 | 2786.5 | 4375.5 | 6477.4 | 7318.4 | 7378.5 |
| 27.5° | 985.3 | 1013.8 | 1040.0 | 1141.7 | 1664.5 | 2669.5 | 4268.3 | 6872.2 | 7773.3 | 7887.1 |
| 30° | 1073.9 | 1119.8 | 1059.7 | 1094.7 | 1505.9 | 2500.0 | 4459.7 | 7513.1 | 8346.4 | 8537.8 |
| 32.5° | 893.5 | 876.0 | 870.5 | 947.1 | 1347.3 | 2346.9 | 4861.1 | 8415.3 | 8967.5 | 9208.1 |
| 35° | 806.0 | 778.6 | 789.6 | 877.1 | 1269.7 | 2325.0 | 5086.3 | 9162.2 | 9948.5 | 10096.1 |
| 37.5° | 802.7 | 771.0 | 785.2 | 850.8 | 1297.0 | 2364.4 | 5447.2 | 10360.8 | 11678.6 | 11994.6 |
| 40° | 795.0 | 777.6 | 785.2 | 834.4 | 1268.6 | 2386.2 | 5655.0 | 11368.0 | 12883.7 | 13204.2 |
| 42.5° | 794.0 | 785.2 | 792.9 | 847.5 | 1239.1 | 2396.1 | 5942.6 | 12277.9 | 14153.4 | 14406.0 |
| 45° | 790.7 | 799.4 | 799.4 | 858.5 | 1225.9 | 2461.7 | 6112.1 | 12724.1 | 14991.1 | 15302.8 |
| 47.5° | 775.4 | 801.6 | 844.3 | 855.2 | 1172.3 | 2431.1 | 6351.6 | 13401.0 | 15436.2 | 15729.3 |
| 50° | 755.7 | 798.3 | 901.1 | 833.3 | 1163.6 | 2356.7 | 6631.6 | 13938.0 | 16007.1 | 16261.9 |
| 52.5° | 729.4 | 792.9 | 888.0 | 790.7 | 1148.3 | 2343.6 | 7024.2 | 14635.7 | 16673.1 | 16898.3 |
| 55° | 692.3 | 773.2 | 847.5 | 748.0 | 1111.1 | 2302.0 | 7624.6 | 15500.7 | 17544.7 | 17698.9 |
| 57.5° | 658.3 | 743.6 | 788.5 | 724.0 | 1022.5 | 2310.8 | 8042.4 | 16206.1 | 18276.3 | 18410.8 |
| 60° | 627.7 | 740.4 | 704.3 | 698.8 | 931.7 | 2193.8 | 8178.0 | 16198.4 | 18548.6 | 18759.7 |
| 62.5° | 594.9 | 698.8 | 645.2 | 664.9 | 851.9 | 2073.5 | 7890.3 | 15504.0 | 18254.4 | 18624.1 |
| 65° | 552.3 | 599.3 | 596.0 | 640.9 | 854.1 | 1877.7 | 7230.9 | 14279.2 | 17520.6 | 18007.3 |
| 67.5° | 502.0 | 530.4 | 549.0 | 601.5 | 881.4 | 1725.7 | 6170.1 | 12806.1 | 16271.7 | 16850.2 |
| 70° | 450.6 | 479.0 | 499.8 | 550.1 | 906.6 | 1655.7 | 4911.4 | 10737.0 | 14237.6 | 14824.9 |
| 72.5° | 398.1 | 427.6 | 444.0 | 487.7 | 872.7 | 1505.9 | 3635.1 | 8354.0 | 11428.1 | 11736.5 |
| 75° | 343.4 | 371.8 | 384.9 | 425.4 | 757.9 | 1245.6 | 2509.8 | 6327.6 | 8370.4 | 8683.2 |
| 77.5° | 287.6 | 318.2 | 322.6 | 355.4 | 578.5 | 952.5 | 1608.7 | 4853.4 | 5927.3 | 6136.2 |
| 80° | 229.7 | 260.3 | 260.3 | 277.8 | 406.8 | 655.1 | 963.5 | 3661.4 | 4316.4 | 4398.5 |
| 82.5° | 165.1 | 197.9 | 195.8 | 196.8 | 281.1 | 405.7 | 557.7 | 2743.8 | 3119.0 | 3134.3 |
| 85° | 97.3 | 120.3 | 119.2 | 109.4 | 166.2 | 218.7 | 301.8 | 1703.8 | 1741.0 | 1745.4 |
| 87.5° | 18.6 | 28.4 | 25.2 | 10.9 | 45.9 | 64.5 | 87.5 | 316.1 | 125.8 | 122.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)