

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P368040

Luminaire Tested: **PMM-SA3C-830-U-SLL**

Issue Date: 12/2/2019

Report Generated By 670245982

Test Information

Test Method: LM-79-08
Report Number: P368040
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-SA3C-830-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: 12393 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

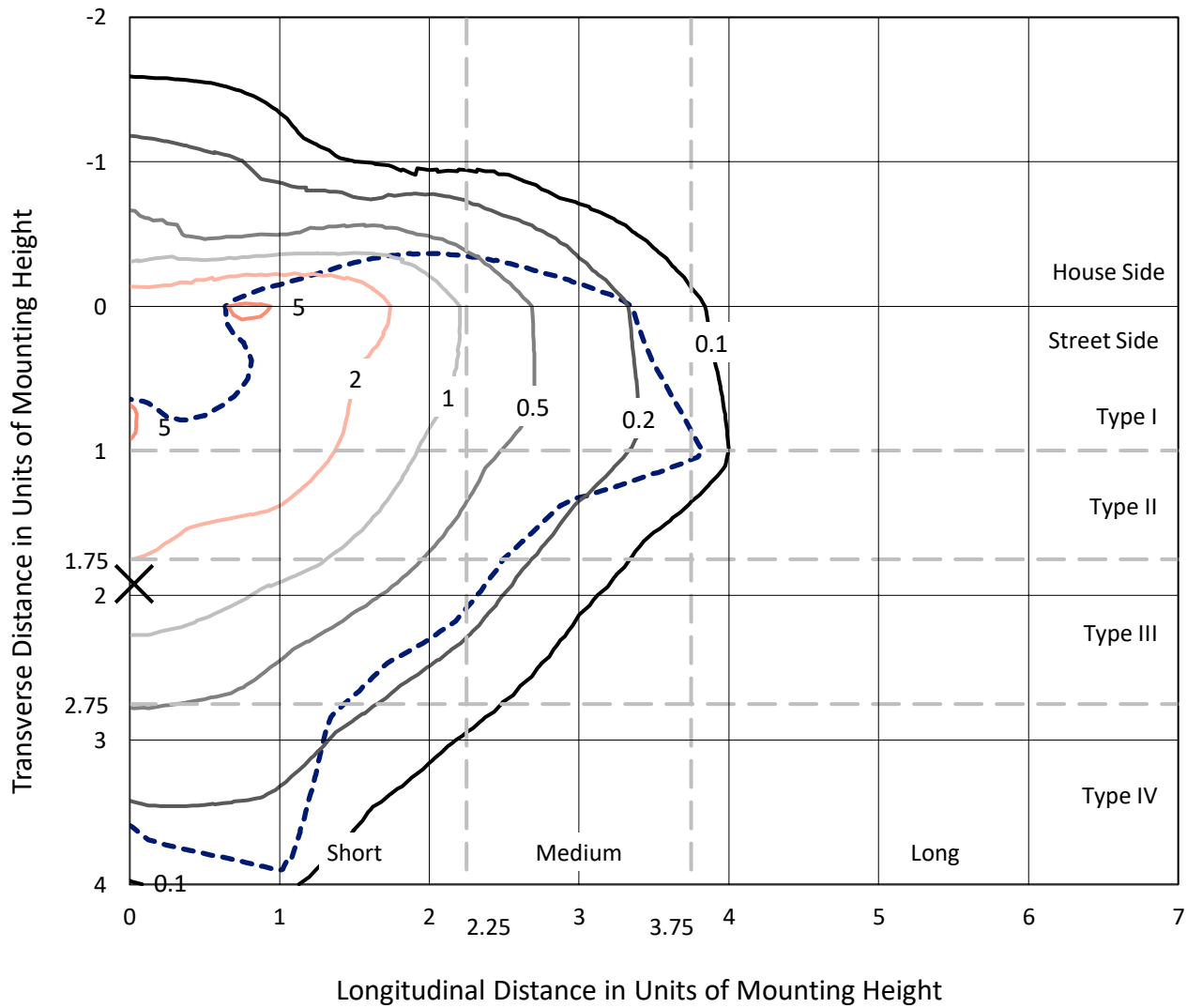
Input Watts (W): 166
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P368040
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Iso-Footcandle Lines of Horizontal Illumination

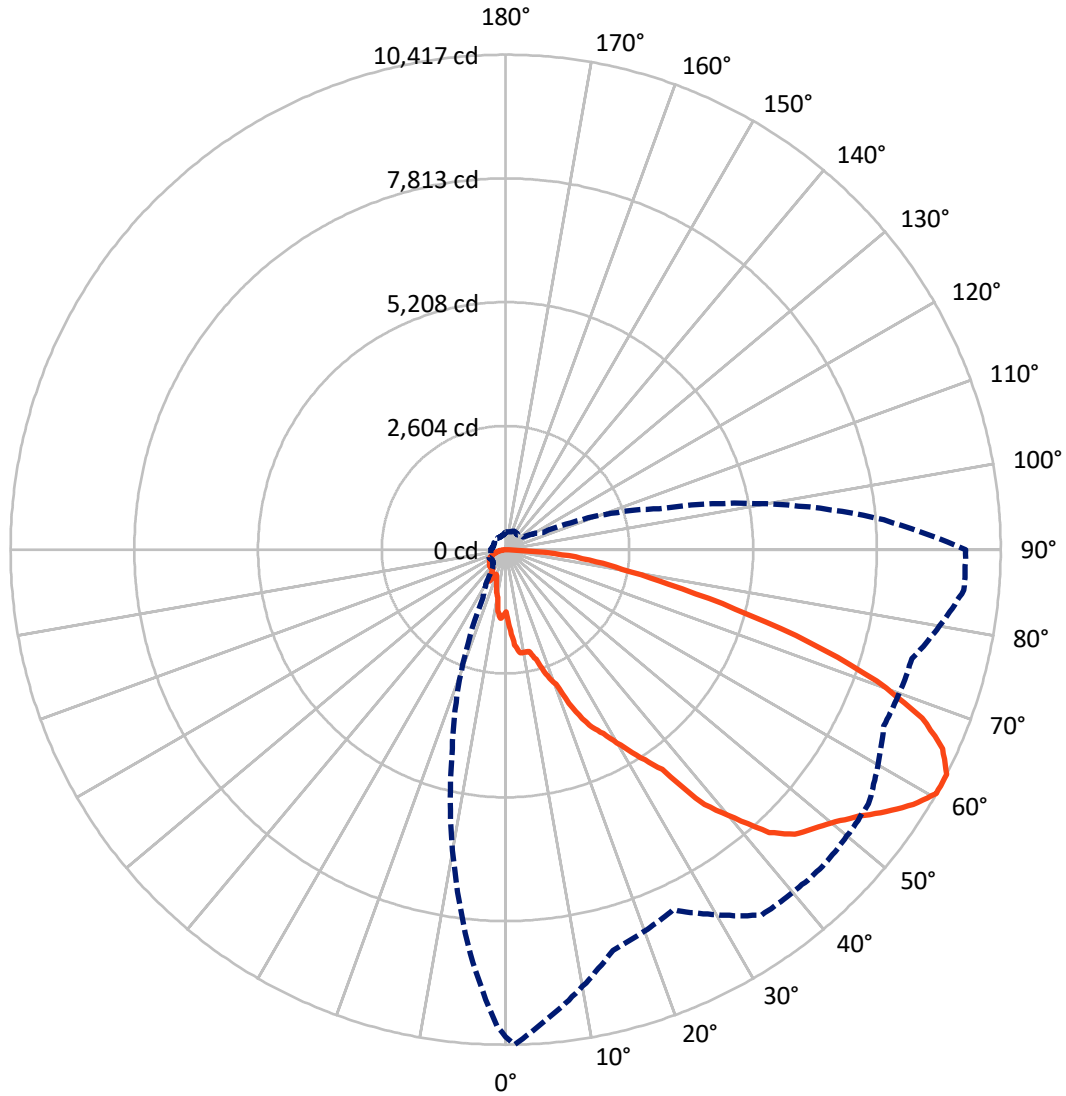
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.3 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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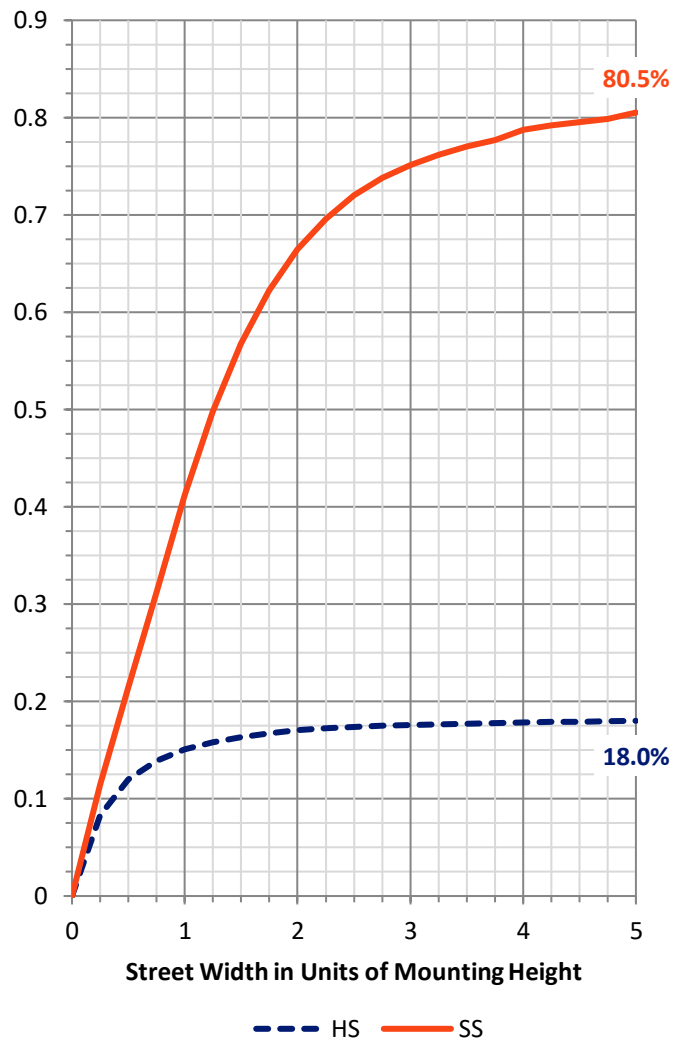
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2256.7 | 0.0 | 2256.7 |
| | % Fixture | 18.2 | 0.0 | 18.2 |
| Street Side | Lumens | 10136.3 | 0.0 | 10136.3 |
| | % Fixture | 81.8 | 0.0 | 81.8 |
| Total | Lumens | 12393.0 | 0.0 | 12393.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 149.8 | 1.2 |
| 10°-20° | 435.3 | 3.5 |
| 20°-30° | 768.6 | 6.2 |
| 30°-40° | 1197.1 | 9.7 |
| 40°-50° | 1971.2 | 15.9 |
| 50°-60° | 2813.4 | 22.7 |
| 60°-70° | 2983.4 | 24.1 |
| 70°-80° | 1647.9 | 13.3 |
| 80°-90° | 426.2 | 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° | 12393.0 | 100.0 |
| 0°-180° | 12393.0 | 100.0 |

Coefficient of Utilization

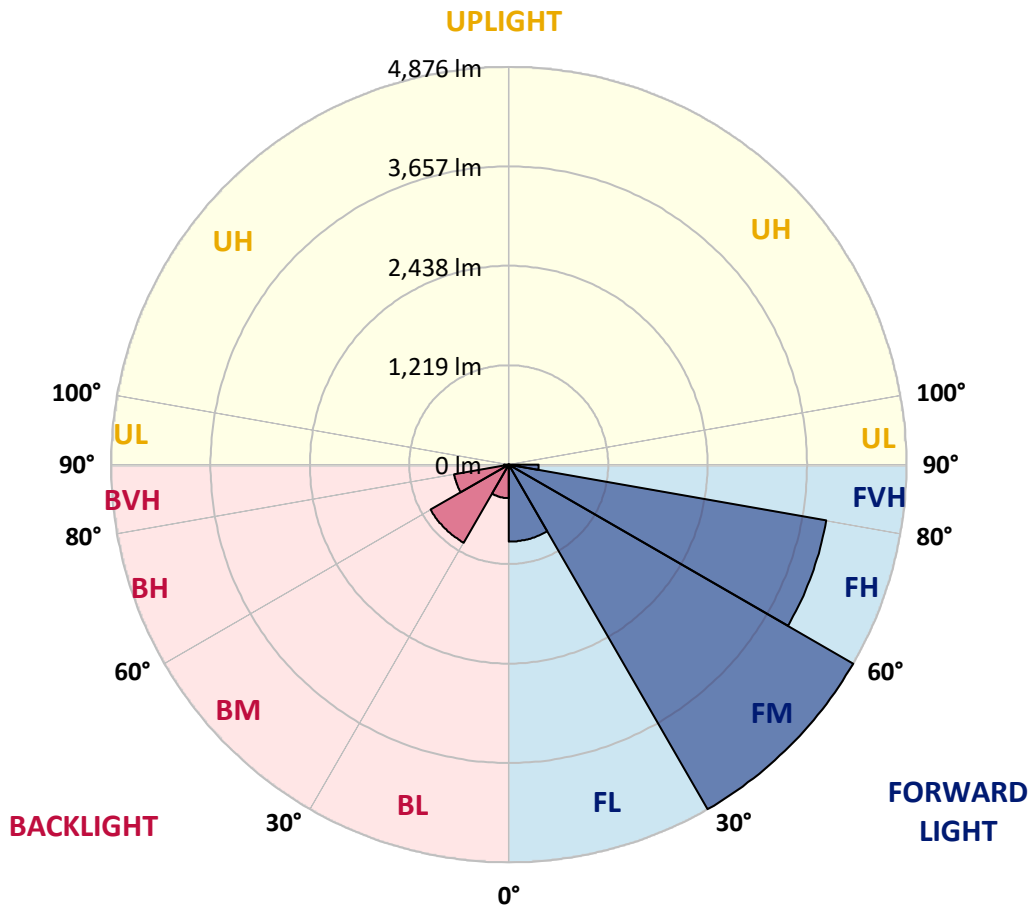


REPORT NUMBER: P368040
 CATALOG NUMBER: PMM-SA3C-830-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 943.3 | 7.6 | | | |
| FM (30°-60°) | 4875.5 | 39.3 | | | |
| FH (60°-80°) | 3951.4 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 366.1 | 3.0 | | | G3/500 |
| BL (0°-30°) | 410.4 | 3.3 | B1/500 | | |
| BM (30°-60°) | 1106.3 | 8.9 | B2/2500 | | |
| BH (60°-80°) | 679.9 | 5.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 60.1 | 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





REPORT NUMBER: P368040

CATALOG NUMBER: PMM-SA3C-830-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 |
| 2.5° | 1606.9 | 1620.8 | 1592.5 | 1560.6 | 1428.9 | 1555.8 | 1517.9 | 1588.3 | 1565.4 | 1412.7 | 1692.3 |
| 5° | 1985.8 | 2011.1 | 1983.4 | 2079.0 | 2085.0 | 2109.7 | 1881.8 | 2023.7 | 1974.4 | 1961.7 | 2103.1 |
| 7.5° | 2168.6 | 2194.5 | 2264.9 | 2435.0 | 2568.0 | 2447.7 | 2314.8 | 2285.3 | 2246.8 | 2146.4 | 2231.8 |
| 10° | 2180.1 | 2194.5 | 2288.9 | 2649.7 | 2714.1 | 2799.5 | 2713.5 | 2510.8 | 2427.2 | 2208.9 | 2144.0 |
| 12.5° | 2145.8 | 2190.9 | 2313.0 | 2752.6 | 2943.8 | 3037.0 | 3058.1 | 2832.6 | 2627.5 | 2378.5 | 2345.4 |
| 15° | 2376.1 | 2392.3 | 2567.4 | 2826.0 | 2957.7 | 3036.4 | 3105.0 | 2966.1 | 2901.7 | 2704.5 | 2439.3 |
| 17.5° | 2706.3 | 2751.4 | 2894.5 | 2990.1 | 3079.1 | 3094.2 | 3037.6 | 2983.5 | 2881.3 | 3144.7 | 2862.6 |
| 20° | 2930.0 | 3017.2 | 3192.8 | 3210.8 | 3023.8 | 3056.9 | 3049.1 | 3052.7 | 2994.3 | 3481.5 | 3326.3 |
| 22.5° | 3521.8 | 3616.2 | 3640.2 | 3535.6 | 3183.2 | 3032.2 | 3062.3 | 3149.5 | 3379.2 | 3796.6 | 3972.2 |
| 25° | 4057.6 | 4094.3 | 4313.8 | 4044.4 | 3482.7 | 3153.7 | 3104.4 | 3329.9 | 3704.6 | 4327.0 | 4452.1 |
| 27.5° | 4337.3 | 4384.8 | 4530.9 | 3944.5 | 3520.0 | 2997.3 | 2881.9 | 3225.3 | 3607.2 | 4077.5 | 4626.5 |
| 30° | 4695.1 | 4770.9 | 4969.9 | 4044.4 | 3632.4 | 3099.6 | 2844.0 | 3172.4 | 3594.5 | 4241.0 | 4995.8 |
| 32.5° | 5063.7 | 5211.1 | 5359.0 | 4396.2 | 3616.8 | 3255.9 | 3086.4 | 3112.8 | 3708.8 | 4583.8 | 5378.3 |
| 35° | 5552.1 | 5682.0 | 5809.5 | 4599.5 | 3931.9 | 3386.5 | 3218.1 | 3498.3 | 4002.3 | 4981.3 | 5911.7 |
| 37.5° | 6596.1 | 6801.8 | 6465.6 | 5178.0 | 4274.7 | 3974.6 | 3670.9 | 3836.9 | 4312.6 | 5312.7 | 6783.1 |
| 40° | 7261.2 | 7415.8 | 7091.0 | 5571.9 | 4878.5 | 4370.9 | 4321.0 | 4334.8 | 4740.2 | 5596.6 | 7369.5 |
| 42.5° | 7922.2 | 8131.4 | 7614.9 | 6112.6 | 5608.6 | 5189.4 | 4932.0 | 4914.6 | 5218.9 | 6106.6 | 8036.4 |
| 45° | 8415.3 | 8538.6 | 7794.7 | 6568.4 | 6391.6 | 6080.7 | 5887.6 | 5581.5 | 5848.0 | 6459.6 | 8449.0 |
| 47.5° | 8649.9 | 8750.3 | 8083.9 | 6833.6 | 6899.2 | 6915.4 | 7263.6 | 6741.6 | 6397.6 | 6698.3 | 8665.5 |
| 50° | 8942.7 | 8990.2 | 8254.1 | 7067.0 | 7381.5 | 8094.8 | 8178.4 | 7293.7 | 6932.9 | 6958.7 | 8793.6 |
| 52.5° | 9292.7 | 9312.6 | 8502.5 | 7336.4 | 7869.2 | 8870.6 | 8741.3 | 8229.5 | 7442.3 | 7434.4 | 9034.7 |
| 55° | 9733.0 | 9720.9 | 8814.0 | 7699.0 | 8217.4 | 9331.8 | 9233.8 | 8860.9 | 7997.3 | 7828.3 | 9410.0 |
| 57.5° | 10124.5 | 10117.3 | 9227.2 | 8032.8 | 8510.3 | 9568.8 | 9597.6 | 9499.0 | 8375.0 | 8110.4 | 9816.6 |
| 60° | 10316.3 | 10408.3 | 9697.5 | 8397.9 | 8529.0 | 9675.8 | 9686.7 | 9529.7 | 8797.2 | 8472.4 | 9924.8 |
| 62.5° | 10241.7 | 10416.7 | 9928.4 | 8726.2 | 8357.6 | 9383.6 | 9428.7 | 9320.4 | 8777.9 | 8852.5 | 9683.0 |
| 65° | 9902.6 | 10104.6 | 9728.2 | 8901.2 | 8252.3 | 8894.0 | 8905.4 | 8631.8 | 8503.1 | 9104.5 | 9116.5 |
| 67.5° | 9266.3 | 9455.7 | 9090.7 | 8622.2 | 7531.9 | 7574.6 | 7829.5 | 7851.8 | 7664.2 | 8914.5 | 8320.9 |
| 70° | 8152.5 | 8286.0 | 8057.5 | 7933.0 | 6295.4 | 6045.2 | 6321.9 | 6440.3 | 6525.7 | 8228.3 | 7365.9 |
| 72.5° | 6454.2 | 6712.2 | 6748.2 | 6829.4 | 5068.5 | 4651.8 | 4856.9 | 4681.3 | 5237.5 | 7003.2 | 6018.2 |
| 75° | 4775.1 | 4992.8 | 5226.7 | 5679.6 | 3995.1 | 3482.7 | 3457.4 | 3367.8 | 3887.4 | 5632.1 | 4463.5 |
| 77.5° | 3374.4 | 3513.3 | 3693.2 | 4536.9 | 3014.8 | 2682.2 | 2697.9 | 2607.0 | 2807.3 | 4256.7 | 3083.3 |
| 80° | 2418.8 | 2491.6 | 2575.2 | 2988.9 | 2224.0 | 2314.2 | 2316.6 | 2230.6 | 2087.4 | 2890.9 | 2058.0 |
| 82.5° | 1723.6 | 1780.1 | 1875.7 | 1971.4 | 1658.0 | 1896.8 | 1895.0 | 1889.6 | 1655.0 | 1953.9 | 1287.6 |
| 85° | 959.8 | 1035.6 | 1201.6 | 1544.4 | 1197.4 | 1356.1 | 1192.6 | 1313.4 | 1214.8 | 1300.8 | 651.9 |
| 87.5° | 67.4 | 60.1 | 268.8 | 894.9 | 558.7 | 408.3 | 214.1 | 424.0 | 543.7 | 679.6 | 90.8 |
| 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: P368040

CATALOG NUMBER: PMM-SA3C-830-U-SLL

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 |
| 2.5° | 1750.1 | 1771.1 | 1688.7 | 1564.8 | 1598.5 | 1561.8 | 1515.5 | 1443.3 | 1294.8 | 1386.8 | 1387.4 |
| 5° | 2101.9 | 2021.9 | 1957.5 | 1896.8 | 1794.6 | 1640.0 | 1619.6 | 1495.7 | 1425.9 | 1462.6 | 1457.2 |
| 7.5° | 2211.9 | 2098.3 | 2001.4 | 1784.3 | 1594.9 | 1354.9 | 1282.8 | 1209.4 | 1178.7 | 1267.7 | 1303.2 |
| 10° | 2091.0 | 1972.6 | 1877.6 | 1613.5 | 1484.8 | 1335.1 | 1136.6 | 1035.0 | 974.9 | 998.3 | 1012.1 |
| 12.5° | 2188.5 | 2067.6 | 1768.7 | 1621.4 | 1409.1 | 1317.7 | 1143.9 | 994.7 | 905.7 | 927.3 | 901.5 |
| 15° | 2282.3 | 2119.3 | 1820.4 | 1526.9 | 1354.9 | 1222.6 | 1081.9 | 928.0 | 823.3 | 786.0 | 766.2 |
| 17.5° | 2625.1 | 2354.5 | 1814.4 | 1474.0 | 1276.8 | 1124.6 | 955.0 | 786.6 | 716.9 | 678.4 | 645.3 |
| 20° | 3043.1 | 2666.0 | 1846.9 | 1419.3 | 1193.8 | 1001.9 | 817.3 | 660.9 | 612.2 | 587.0 | 577.9 |
| 22.5° | 3540.4 | 3065.3 | 2032.7 | 1411.5 | 1115.6 | 912.3 | 741.5 | 644.1 | 589.4 | 561.7 | 550.3 |
| 25° | 3935.5 | 3478.5 | 2169.8 | 1464.4 | 1111.4 | 838.3 | 695.8 | 715.7 | 690.4 | 698.8 | 632.1 |
| 27.5° | 4319.2 | 3590.9 | 2092.9 | 1440.9 | 999.5 | 707.2 | 685.0 | 726.5 | 748.1 | 754.7 | 752.3 |
| 30° | 4643.4 | 4066.0 | 2109.7 | 1308.6 | 844.4 | 576.1 | 524.4 | 544.9 | 604.4 | 698.8 | 716.9 |
| 32.5° | 5117.9 | 4293.4 | 2253.4 | 1228.6 | 754.7 | 515.4 | 457.7 | 449.8 | 463.7 | 498.0 | 527.4 |
| 35° | 5673.0 | 4816.6 | 2293.7 | 1207.6 | 692.8 | 488.3 | 448.0 | 430.0 | 437.2 | 463.1 | 469.1 |
| 37.5° | 6707.9 | 5197.8 | 2442.9 | 1181.7 | 670.0 | 472.1 | 440.8 | 434.2 | 449.8 | 470.9 | 482.9 |
| 40° | 7278.7 | 5883.4 | 2450.1 | 1159.5 | 640.5 | 465.5 | 445.6 | 442.6 | 452.2 | 481.1 | 488.3 |
| 42.5° | 8039.4 | 6274.3 | 2563.1 | 1133.6 | 630.3 | 474.5 | 455.3 | 454.1 | 462.5 | 479.3 | 492.5 |
| 45° | 8503.1 | 6536.0 | 2569.2 | 1118.6 | 627.9 | 514.2 | 467.9 | 463.7 | 461.9 | 472.1 | 484.1 |
| 47.5° | 8802.0 | 6913.0 | 2642.5 | 1101.8 | 642.3 | 524.4 | 482.9 | 464.9 | 458.9 | 463.1 | 472.1 |
| 50° | 9085.3 | 7214.3 | 2781.4 | 1099.3 | 657.3 | 514.2 | 509.4 | 464.3 | 452.2 | 450.4 | 457.1 |
| 52.5° | 9432.9 | 7709.9 | 2952.8 | 1122.2 | 653.7 | 499.2 | 529.2 | 461.9 | 440.2 | 436.0 | 442.6 |
| 55° | 9938.6 | 8240.9 | 3135.1 | 1103.0 | 616.4 | 470.3 | 510.0 | 460.1 | 427.6 | 419.8 | 425.8 |
| 57.5° | 10266.4 | 8545.2 | 3338.9 | 1086.7 | 559.9 | 448.6 | 492.5 | 461.3 | 428.8 | 411.4 | 415.0 |
| 60° | 10157.5 | 8381.6 | 3418.9 | 987.5 | 506.4 | 431.8 | 451.0 | 451.6 | 418.0 | 401.7 | 404.7 |
| 62.5° | 9676.4 | 7789.3 | 3344.4 | 872.0 | 466.7 | 407.7 | 408.3 | 433.6 | 386.7 | 375.3 | 380.1 |
| 65° | 9004.1 | 7052.5 | 3042.5 | 796.8 | 448.0 | 382.5 | 372.9 | 380.7 | 344.6 | 336.2 | 345.8 |
| 67.5° | 8179.0 | 6144.4 | 2593.2 | 717.5 | 441.4 | 348.2 | 336.8 | 333.8 | 310.9 | 301.3 | 310.9 |
| 70° | 7144.0 | 5144.9 | 2073.0 | 661.5 | 416.2 | 310.9 | 301.9 | 298.9 | 279.6 | 272.4 | 280.9 |
| 72.5° | 5742.1 | 4017.3 | 1599.7 | 618.8 | 388.5 | 276.6 | 268.8 | 265.2 | 249.0 | 238.8 | 249.0 |
| 75° | 4084.1 | 3070.1 | 1188.4 | 553.3 | 349.4 | 241.8 | 232.7 | 227.9 | 212.9 | 203.3 | 212.3 |
| 77.5° | 2902.3 | 2304.5 | 829.9 | 457.7 | 288.1 | 204.5 | 199.1 | 191.2 | 178.0 | 166.6 | 175.6 |
| 80° | 2145.8 | 1646.6 | 535.2 | 353.0 | 220.1 | 163.6 | 160.6 | 155.2 | 142.5 | 128.7 | 135.3 |
| 82.5° | 1412.7 | 1187.2 | 306.7 | 239.4 | 160.0 | 117.9 | 120.3 | 116.7 | 104.6 | 90.2 | 93.8 |
| 85° | 632.7 | 703.0 | 163.0 | 131.7 | 104.0 | 71.0 | 77.6 | 75.2 | 66.2 | 52.3 | 53.5 |
| 87.5° | 60.7 | 118.5 | 49.9 | 48.1 | 38.5 | 22.3 | 27.7 | 23.5 | 19.8 | 12.6 | 9.6 |
| 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: P368040

CATALOG NUMBER: PMM-SA3C-830-U-SLL

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 |
| 2.5° | 1408.5 | 1323.7 | 1238.9 | 1290.6 | 1291.8 | 1305.6 | 1307.4 | 1256.3 | 1297.2 | 1328.5 | 1361.0 |
| 5° | 1430.7 | 1375.4 | 1378.4 | 1328.5 | 1301.4 | 1336.3 | 1329.1 | 1315.2 | 1339.9 | 1374.2 | 1415.7 |
| 7.5° | 1269.5 | 1233.5 | 1227.4 | 1179.3 | 1062.7 | 1036.8 | 1058.5 | 1067.5 | 1100.6 | 1153.5 | 1198.0 |
| 10° | 991.1 | 1062.7 | 982.1 | 963.4 | 932.8 | 872.6 | 837.7 | 833.5 | 903.9 | 946.6 | 983.9 |
| 12.5° | 893.1 | 875.0 | 865.4 | 814.3 | 814.3 | 750.5 | 730.1 | 748.7 | 857.0 | 887.7 | 935.8 |
| 15° | 760.8 | 747.5 | 703.0 | 677.8 | 665.7 | 639.9 | 661.5 | 679.6 | 780.6 | 783.0 | 833.5 |
| 17.5° | 631.5 | 623.6 | 581.5 | 576.7 | 564.7 | 553.3 | 573.1 | 616.4 | 671.2 | 661.5 | 685.0 |
| 20° | 564.7 | 537.6 | 499.2 | 513.0 | 500.4 | 491.3 | 482.9 | 544.3 | 582.8 | 595.4 | 609.2 |
| 22.5° | 547.9 | 498.6 | 475.7 | 463.1 | 463.7 | 449.2 | 451.0 | 502.2 | 560.5 | 568.3 | 559.9 |
| 25° | 626.1 | 538.2 | 464.3 | 427.6 | 413.8 | 408.9 | 422.8 | 467.9 | 538.2 | 555.1 | 561.7 |
| 27.5° | 732.5 | 584.6 | 478.1 | 415.6 | 387.9 | 390.3 | 410.2 | 441.4 | 524.4 | 554.5 | 562.3 |
| 30° | 703.0 | 549.7 | 478.7 | 406.5 | 372.3 | 384.9 | 392.1 | 422.2 | 513.6 | 558.7 | 597.8 |
| 32.5° | 542.5 | 494.3 | 481.7 | 413.8 | 399.9 | 380.1 | 390.3 | 419.2 | 481.7 | 510.0 | 511.8 |
| 35° | 459.5 | 422.8 | 414.4 | 397.5 | 378.3 | 369.9 | 381.3 | 406.5 | 447.4 | 464.9 | 462.5 |
| 37.5° | 455.9 | 415.6 | 382.5 | 375.3 | 367.5 | 365.0 | 371.7 | 395.1 | 436.6 | 467.3 | 460.7 |
| 40° | 461.9 | 412.0 | 378.3 | 365.6 | 368.7 | 357.8 | 364.4 | 393.3 | 438.4 | 467.3 | 461.3 |
| 42.5° | 454.7 | 407.7 | 372.9 | 363.2 | 366.2 | 351.2 | 359.0 | 389.1 | 433.6 | 467.9 | 456.5 |
| 45° | 440.2 | 398.1 | 369.9 | 353.6 | 367.5 | 345.2 | 354.8 | 378.3 | 419.2 | 456.5 | 443.2 |
| 47.5° | 425.8 | 386.7 | 357.2 | 347.0 | 360.8 | 339.2 | 343.4 | 363.8 | 404.7 | 441.4 | 430.0 |
| 50° | 410.2 | 372.3 | 347.0 | 344.0 | 353.6 | 338.0 | 331.4 | 348.2 | 387.3 | 424.0 | 414.4 |
| 52.5° | 393.3 | 360.2 | 339.8 | 338.6 | 347.6 | 330.2 | 320.5 | 333.8 | 368.7 | 405.3 | 397.5 |
| 55° | 377.1 | 347.0 | 330.8 | 333.8 | 344.0 | 323.6 | 311.5 | 319.9 | 348.8 | 384.9 | 374.1 |
| 57.5° | 360.8 | 332.0 | 318.7 | 327.2 | 335.0 | 315.1 | 300.1 | 304.9 | 328.4 | 363.8 | 351.2 |
| 60° | 346.4 | 318.7 | 305.5 | 315.7 | 322.9 | 302.5 | 285.1 | 288.1 | 309.1 | 341.0 | 329.6 |
| 62.5° | 327.8 | 304.3 | 286.9 | 300.1 | 305.5 | 285.7 | 267.0 | 270.6 | 287.5 | 317.5 | 309.1 |
| 65° | 301.3 | 286.3 | 270.0 | 279.0 | 286.3 | 265.8 | 248.4 | 252.6 | 265.2 | 293.5 | 287.5 |
| 67.5° | 278.4 | 264.0 | 253.2 | 260.4 | 261.6 | 246.0 | 230.3 | 232.7 | 243.0 | 269.4 | 262.8 |
| 70° | 253.2 | 239.4 | 230.9 | 236.3 | 235.7 | 222.5 | 210.5 | 211.1 | 219.5 | 243.6 | 234.5 |
| 72.5° | 225.5 | 212.3 | 208.1 | 211.1 | 208.7 | 196.7 | 185.2 | 189.4 | 194.9 | 212.9 | 205.7 |
| 75° | 196.1 | 184.0 | 181.6 | 184.6 | 181.0 | 169.6 | 159.4 | 163.6 | 168.4 | 183.4 | 174.4 |
| 77.5° | 165.4 | 154.6 | 155.2 | 155.8 | 150.9 | 143.1 | 132.9 | 137.1 | 140.1 | 150.3 | 141.3 |
| 80° | 131.7 | 123.3 | 125.7 | 125.7 | 120.3 | 114.9 | 105.2 | 106.4 | 108.3 | 111.9 | 105.2 |
| 82.5° | 96.2 | 96.2 | 96.2 | 96.8 | 85.4 | 87.2 | 78.8 | 78.2 | 76.4 | 75.8 | 71.6 |
| 85° | 57.1 | 59.5 | 60.7 | 62.5 | 46.3 | 54.1 | 46.9 | 45.1 | 41.5 | 37.9 | 36.7 |
| 87.5° | 12.6 | 16.2 | 16.2 | 15.6 | 0.0 | 6.0 | 3.0 | 4.8 | 1.2 | 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 |



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CATALOG NUMBER: PMM-SA3C-830-U-SLL

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0° | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 | 1306.8 |
| 2.5° | 1323.7 | 1287.6 | 1354.9 | 1415.1 | 1405.5 | 1440.3 | 1359.2 | 1479.4 | 1606.9 | 1606.9 |
| 5° | 1404.9 | 1374.2 | 1391.6 | 1426.5 | 1453.0 | 1574.4 | 1675.5 | 1775.9 | 1983.4 | 1985.8 |
| 7.5° | 1184.7 | 1250.9 | 1266.5 | 1256.3 | 1370.0 | 1526.3 | 1692.9 | 1979.2 | 2154.8 | 2168.6 |
| 10° | 1107.8 | 1137.8 | 1185.3 | 1211.8 | 1258.1 | 1412.1 | 1619.0 | 1958.7 | 2145.2 | 2180.1 |
| 12.5° | 1003.7 | 1115.0 | 1187.2 | 1335.1 | 1371.8 | 1402.5 | 1731.4 | 2025.5 | 2154.2 | 2145.8 |
| 15° | 890.1 | 974.3 | 1078.3 | 1241.9 | 1335.1 | 1569.6 | 1798.2 | 2239.6 | 2312.4 | 2376.1 |
| 17.5° | 709.6 | 771.6 | 909.9 | 1096.3 | 1327.3 | 1543.2 | 1963.0 | 2504.2 | 2640.1 | 2706.3 |
| 20° | 584.0 | 584.6 | 722.9 | 970.0 | 1221.4 | 1432.5 | 2025.5 | 2723.7 | 2896.3 | 2930.0 |
| 22.5° | 552.1 | 524.4 | 597.2 | 798.0 | 1104.8 | 1498.1 | 2151.8 | 3076.7 | 3437.0 | 3521.8 |
| 25° | 534.6 | 501.0 | 546.7 | 704.2 | 1021.2 | 1532.4 | 2406.2 | 3562.1 | 4024.5 | 4057.6 |
| 27.5° | 541.9 | 557.5 | 571.9 | 627.9 | 915.3 | 1468.0 | 2347.2 | 3779.2 | 4274.7 | 4337.3 |
| 30° | 590.6 | 615.8 | 582.8 | 602.0 | 828.1 | 1374.8 | 2452.5 | 4131.6 | 4589.8 | 4695.1 |
| 32.5° | 491.3 | 481.7 | 478.7 | 520.8 | 740.9 | 1290.6 | 2673.2 | 4627.7 | 4931.4 | 5063.7 |
| 35° | 443.2 | 428.2 | 434.2 | 482.3 | 698.2 | 1278.6 | 2797.1 | 5038.5 | 5470.9 | 5552.1 |
| 37.5° | 441.4 | 424.0 | 431.8 | 467.9 | 713.3 | 1300.2 | 2995.5 | 5697.6 | 6422.3 | 6596.1 |
| 40° | 437.2 | 427.6 | 431.8 | 458.9 | 697.6 | 1312.2 | 3109.8 | 6251.5 | 7085.0 | 7261.2 |
| 42.5° | 436.6 | 431.8 | 436.0 | 466.1 | 681.4 | 1317.7 | 3268.0 | 6751.9 | 7783.2 | 7922.2 |
| 45° | 434.8 | 439.6 | 439.6 | 472.1 | 674.2 | 1353.7 | 3361.2 | 6997.2 | 8243.9 | 8415.3 |
| 47.5° | 426.4 | 440.8 | 464.3 | 470.3 | 644.7 | 1336.9 | 3492.9 | 7369.5 | 8488.7 | 8649.9 |
| 50° | 415.6 | 439.0 | 495.5 | 458.3 | 639.9 | 1296.0 | 3646.9 | 7664.8 | 8802.6 | 8942.7 |
| 52.5° | 401.1 | 436.0 | 488.3 | 434.8 | 631.5 | 1288.8 | 3862.8 | 8048.5 | 9168.9 | 9292.7 |
| 55° | 380.7 | 425.2 | 466.1 | 411.4 | 611.0 | 1265.9 | 4192.9 | 8524.2 | 9648.2 | 9733.0 |
| 57.5° | 362.0 | 408.9 | 433.6 | 398.1 | 562.3 | 1270.7 | 4422.7 | 8912.1 | 10050.5 | 10124.5 |
| 60° | 345.2 | 407.1 | 387.3 | 384.3 | 512.4 | 1206.4 | 4497.2 | 8907.8 | 10200.2 | 10316.3 |
| 62.5° | 327.2 | 384.3 | 354.8 | 365.6 | 468.5 | 1140.2 | 4339.1 | 8526.0 | 10038.5 | 10241.7 |
| 65° | 303.7 | 329.6 | 327.8 | 352.4 | 469.7 | 1032.6 | 3976.4 | 7852.4 | 9634.9 | 9902.6 |
| 67.5° | 276.0 | 291.7 | 301.9 | 330.8 | 484.7 | 949.0 | 3393.1 | 7042.3 | 8948.1 | 9266.3 |
| 70° | 247.8 | 263.4 | 274.8 | 302.5 | 498.6 | 910.5 | 2700.9 | 5904.5 | 7829.5 | 8152.5 |
| 72.5° | 218.9 | 235.1 | 244.2 | 268.2 | 479.9 | 828.1 | 1999.0 | 4594.0 | 6284.6 | 6454.2 |
| 75° | 188.8 | 204.5 | 211.7 | 233.9 | 416.8 | 685.0 | 1380.2 | 3479.7 | 4603.1 | 4775.1 |
| 77.5° | 158.2 | 175.0 | 177.4 | 195.5 | 318.1 | 523.8 | 884.7 | 2669.0 | 3259.6 | 3374.4 |
| 80° | 126.3 | 143.1 | 143.1 | 152.8 | 223.7 | 360.2 | 529.8 | 2013.5 | 2373.7 | 2418.8 |
| 82.5° | 90.8 | 108.9 | 107.6 | 108.3 | 154.6 | 223.1 | 306.7 | 1508.9 | 1715.2 | 1723.6 |
| 85° | 53.5 | 66.2 | 65.6 | 60.1 | 91.4 | 120.3 | 166.0 | 937.0 | 957.4 | 959.8 |
| 87.5° | 10.2 | 15.6 | 13.8 | 6.0 | 25.3 | 35.5 | 48.1 | 173.8 | 69.2 | 67.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)