

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: P598487

Luminaire Tested: **PMM-SA3D-835-U-SLL-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P598487  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: PMM-SA3D-835-U-SLL-HSS  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11970 lumens  
Efficiency: N/A  
Efficacy: 62.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

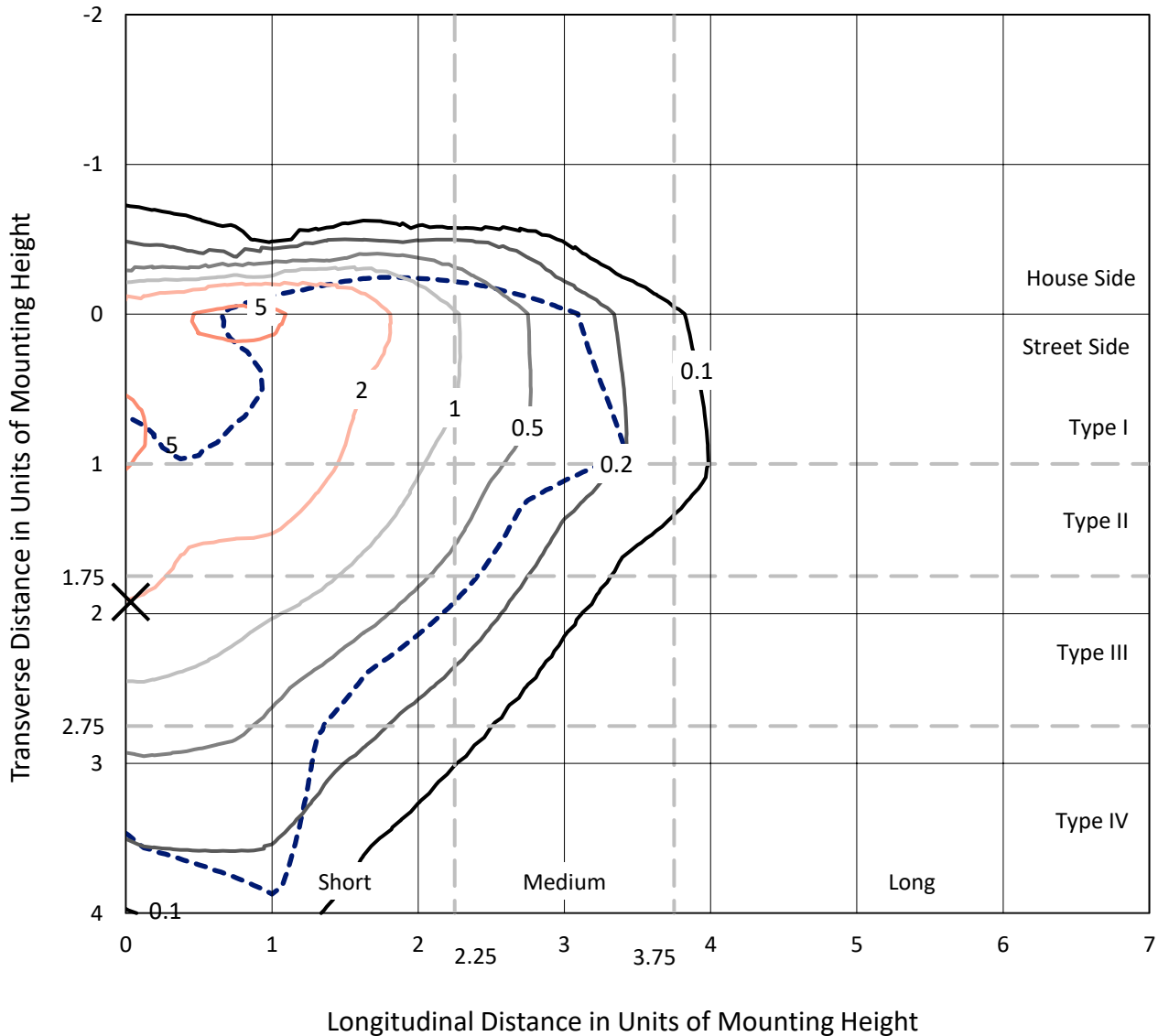
Input Watts (W): 192  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P598487  
 CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

### Iso-Footcandle Lines of Horizontal Illumination

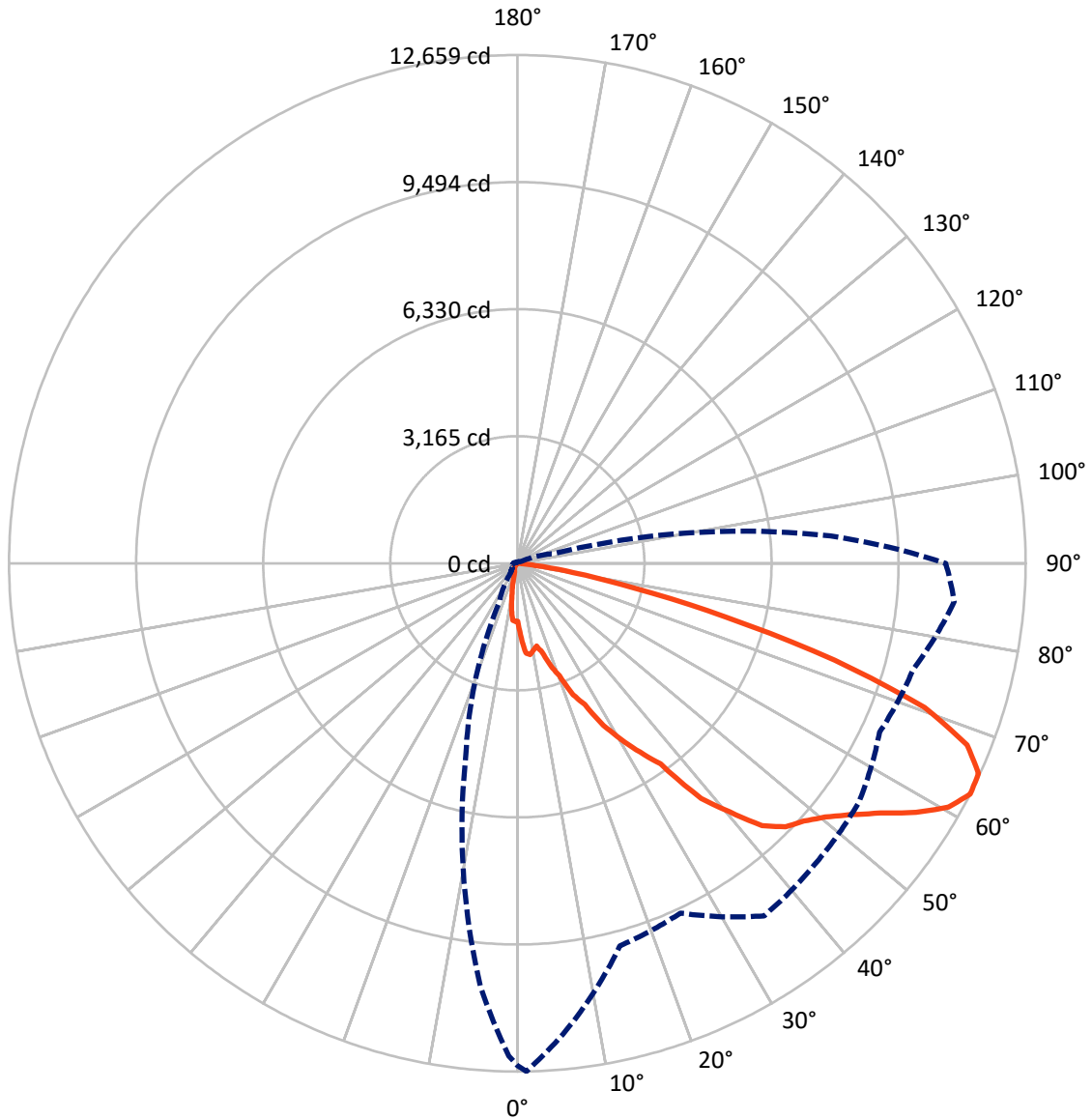
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc  
 Type IV - Short - N/A

REPORT NUMBER: P598487  
CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P598487

CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

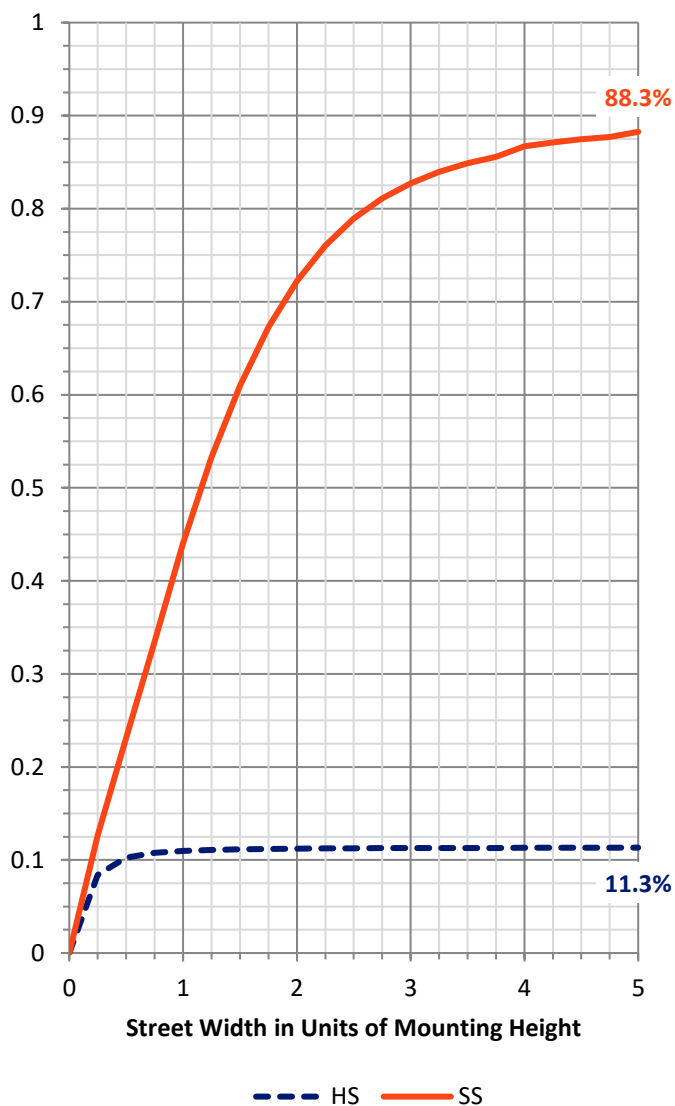
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1368.8   | 0.0    | 1368.8  |
|                    | % Fixture | 11.4     | 0.0    | 11.4    |
| <b>Street Side</b> | Lumens    | 10601.2  | 0.0    | 10601.2 |
|                    | % Fixture | 88.6     | 0.0    | 88.6    |
| <b>Total</b>       | Lumens    | 11970.0  | 0.0    | 11970.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 161.1   | 1.3       |
| 10°-20°   | 420.8   | 3.5       |
| 20°-30°   | 680.2   | 5.7       |
| 30°-40°   | 1139.5  | 9.5       |
| 40°-50°   | 1863.2  | 15.6      |
| 50°-60°   | 2758.0  | 23.0      |
| 60°-70°   | 3166.4  | 26.5      |
| 70°-80°   | 1565.8  | 13.1      |
| 80°-90°   | 214.9   | 1.8       |
| 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°    | 11970.0 | 100.0     |
| 0°-180°   | 11970.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P598487

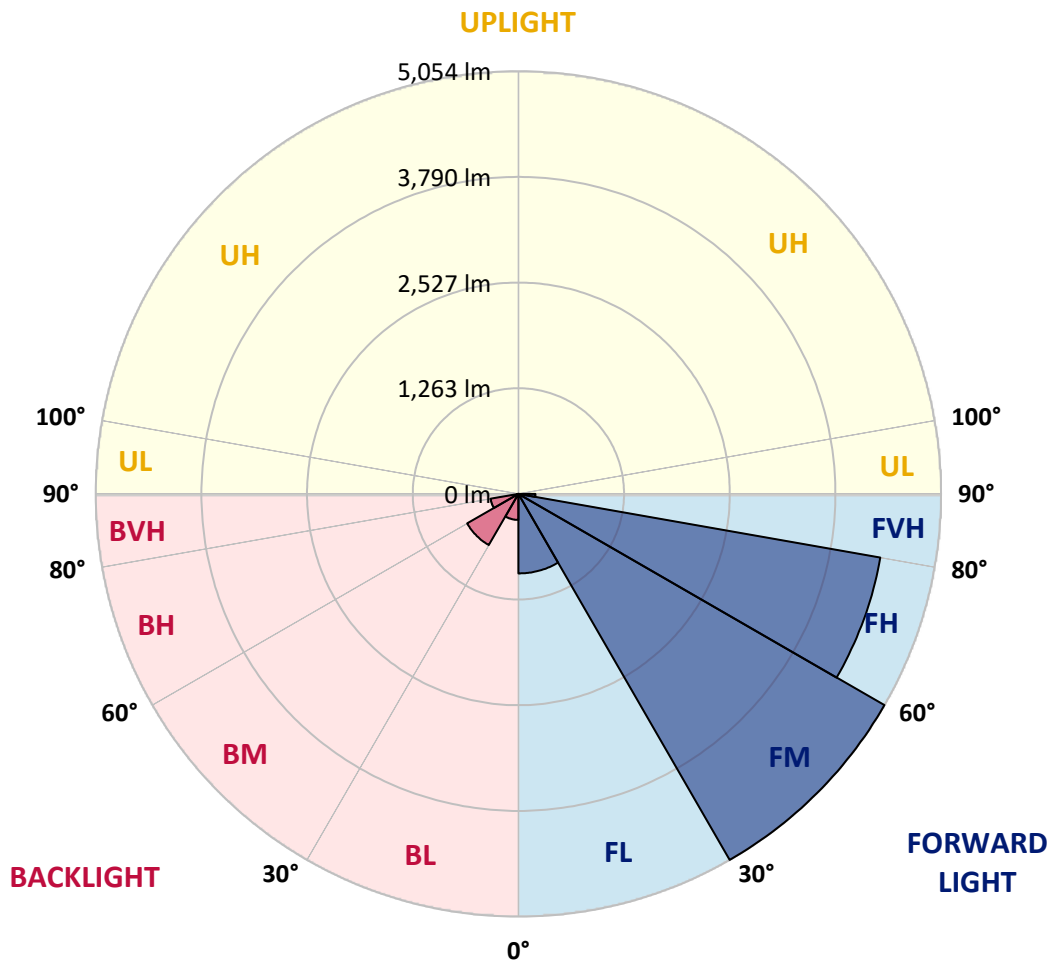
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 950.8  | 7.9       |                         |      |         |
| FM (30°-60°)   | 5053.7 | 42.2      |                         |      |         |
| FH (60°-80°)   | 4393.7 | 36.7      |                         |      | G2/5000 |
| FVH (80°-90°)  | 203.0  | 1.7       |                         |      | G2/225  |
| BL (0°-30°)    | 311.4  | 2.6       | B1/500                  |      |         |
| BM (30°-60°)   | 707.0  | 5.9       | B1/1000                 |      |         |
| BH (60°-80°)   | 338.5  | 2.8       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 11.9   | 0.1       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short





REPORT NUMBER: P598487

CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°    | 35°     | 45°     | 55°     | 65°    | 75°     | 85°     |
|-------|---------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|
| 0°    | 1442.0  | 1442.0  | 1442.0  | 1442.0  | 1442.0 | 1442.0  | 1442.0  | 1442.0  | 1442.0 | 1442.0  | 1442.0  |
| 2.5°  | 1859.4  | 1868.3  | 1826.7  | 1821.2  | 1724.4 | 1845.1  | 1848.5  | 1862.8  | 1774.2 | 1602.3  | 1842.4  |
| 5°    | 2225.0  | 2249.6  | 2217.5  | 2360.1  | 2401.0 | 2489.0  | 2327.4  | 2472.0  | 2410.6 | 2427.6  | 2462.4  |
| 7.5°  | 2268.7  | 2293.9  | 2361.5  | 2600.2  | 2820.5 | 2765.3  | 2747.5  | 2802.1  | 2797.3 | 2671.1  | 2733.9  |
| 10°   | 2178.0  | 2199.1  | 2311.7  | 2746.2  | 2842.3 | 3090.6  | 3151.3  | 3025.8  | 2974.7 | 2698.4  | 2577.7  |
| 12.5° | 2079.1  | 2114.5  | 2257.8  | 2778.9  | 3067.4 | 3318.5  | 3518.3  | 3339.6  | 3169.8 | 2875.8  | 2765.3  |
| 15°   | 2268.7  | 2288.5  | 2513.6  | 2847.1  | 3099.5 | 3272.8  | 3436.5  | 3377.1  | 3351.2 | 3139.7  | 2765.3  |
| 17.5° | 2640.4  | 2686.8  | 2849.9  | 3014.2  | 3213.4 | 3317.8  | 3278.9  | 3260.5  | 3194.3 | 3526.5  | 3139.1  |
| 20°   | 2905.1  | 2991.7  | 3205.2  | 3276.2  | 3117.9 | 3215.5  | 3191.6  | 3175.2  | 3123.4 | 3741.4  | 3568.8  |
| 22.5° | 3478.1  | 3557.9  | 3562.0  | 3587.2  | 3218.9 | 3063.4  | 3023.8  | 3028.6  | 3263.9 | 3805.5  | 4103.6  |
| 25°   | 3868.2  | 3895.5  | 4111.1  | 3931.0  | 3494.4 | 3109.7  | 2959.0  | 3026.5  | 3365.5 | 4266.6  | 4606.3  |
| 27.5° | 4506.7  | 4571.5  | 4705.9  | 4096.1  | 3659.5 | 3080.4  | 2840.3  | 3085.9  | 3632.9 | 4419.4  | 5164.9  |
| 30°   | 5027.1  | 5089.2  | 5305.4  | 4321.8  | 3802.8 | 3225.7  | 2891.5  | 3205.2  | 3799.3 | 4733.8  | 5667.0  |
| 32.5° | 5449.4  | 5609.7  | 5855.2  | 4670.4  | 3797.3 | 3392.8  | 3152.7  | 3165.7  | 4004.0 | 5141.1  | 6163.5  |
| 35°   | 5988.9  | 6138.3  | 6310.9  | 4910.5  | 4045.6 | 3446.7  | 3229.8  | 3554.5  | 4308.2 | 5566.7  | 6832.0  |
| 37.5° | 7205.1  | 7430.9  | 7089.8  | 5515.5  | 4334.8 | 3933.7  | 3534.0  | 3793.9  | 4626.7 | 6001.2  | 7750.8  |
| 40°   | 7947.3  | 8137.6  | 7808.1  | 5824.5  | 4835.5 | 4179.3  | 4077.0  | 4210.0  | 4938.5 | 6225.6  | 8443.1  |
| 42.5° | 8678.5  | 8929.5  | 8379.0  | 6289.7  | 5310.9 | 4872.3  | 4592.6  | 4699.7  | 5389.3 | 6767.2  | 9222.1  |
| 45°   | 9207.8  | 9363.3  | 8502.5  | 6533.2  | 5964.4 | 5662.2  | 5476.0  | 5316.4  | 6018.2 | 7115.1  | 9724.8  |
| 47.5° | 9473.8  | 9598.0  | 8746.0  | 6610.3  | 6353.2 | 6497.8  | 6905.7  | 6572.1  | 6574.8 | 7366.8  | 9995.6  |
| 50°   | 9842.2  | 9928.8  | 8882.4  | 6702.4  | 6775.4 | 7799.9  | 8005.9  | 7295.8  | 7210.6 | 7619.2  | 10040.0 |
| 52.5° | 10359.9 | 10402.2 | 9147.1  | 6945.2  | 7407.7 | 8819.7  | 8894.0  | 8606.9  | 7847.0 | 8088.4  | 10138.2 |
| 55°   | 11048.1 | 10973.8 | 9619.8  | 7455.5  | 8067.3 | 9566.6  | 9666.2  | 9415.8  | 8647.1 | 8557.1  | 10442.4 |
| 57.5° | 11790.3 | 11705.0 | 10320.3 | 8174.4  | 8782.8 | 10137.5 | 10196.8 | 10216.6 | 9178.5 | 8971.8  | 10959.4 |
| 60°   | 12322.3 | 12338.0 | 11202.3 | 8999.1  | 9227.6 | 10683.9 | 10565.2 | 10385.1 | 9714.6 | 9579.5  | 11211.1 |
| 62.5° | 12508.5 | 12659.3 | 11889.2 | 9863.3  | 9610.9 | 10718.0 | 10533.8 | 10381.7 | 9954.7 | 10206.4 | 10922.6 |
| 65°   | 12356.4 | 12619.7 | 12048.8 | 10622.5 | 9842.8 | 10290.3 | 10098.6 | 10001.1 | 9947.2 | 10462.2 | 10284.2 |
| 67.5° | 11752.1 | 12081.5 | 11591.8 | 10629.3 | 8999.7 | 8761.7  | 8988.1  | 9297.1  | 9118.4 | 10250.1 | 9389.9  |
| 70°   | 10398.1 | 10758.9 | 10531.1 | 10005.9 | 7497.1 | 6893.4  | 7143.0  | 7610.3  | 7484.1 | 9116.4  | 8074.1  |
| 72.5° | 7801.3  | 8265.1  | 8310.1  | 8638.2  | 5951.4 | 5188.1  | 5224.3  | 5211.3  | 5428.9 | 7351.1  | 6300.6  |
| 75°   | 5011.5  | 5372.3  | 5860.0  | 6970.5  | 4521.0 | 3787.8  | 3441.2  | 3356.7  | 3762.5 | 5744.0  | 4510.8  |
| 77.5° | 2909.2  | 2952.2  | 3177.3  | 5259.1  | 3238.0 | 2729.1  | 2493.1  | 2613.8  | 2755.7 | 4008.8  | 2989.7  |
| 80°   | 1391.5  | 1413.3  | 1506.1  | 2705.9  | 2249.6 | 2362.1  | 2180.0  | 2315.8  | 1892.2 | 2304.2  | 1696.4  |
| 82.5° | 441.3   | 446.1   | 461.8   | 1329.4  | 1397.0 | 1564.8  | 1002.7  | 1344.4  | 1169.8 | 1392.9  | 1129.6  |
| 85°   | 73.7    | 125.5   | 154.8   | 384.0   | 788.5  | 528.0   | 217.6   | 479.5   | 652.8  | 878.6   | 512.9   |
| 87.5° | 0.0     | 0.0     | 0.0     | 6.8     | 64.1   | 30.0    | 4.8     | 27.3    | 100.3  | 195.8   | 23.2    |
| 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: P598487

CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°     | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1442.0  | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 |
| 2.5°  | 1912.0  | 1959.0 | 1781.7 | 1622.7 | 1663.0 | 1630.9 | 1582.5 | 1500.0 | 1309.0 | 1449.5 | 1439.9 |
| 5°    | 2460.4  | 2373.1 | 2133.0 | 2021.1 | 1884.7 | 1676.6 | 1651.4 | 1491.8 | 1421.5 | 1433.1 | 1422.9 |
| 7.5°  | 2651.4  | 2495.2 | 2283.0 | 1946.1 | 1626.1 | 1326.0 | 1233.9 | 1129.6 | 1108.4 | 1153.4 | 1182.8 |
| 10°   | 2501.3  | 2335.5 | 2150.0 | 1731.2 | 1485.0 | 1268.0 | 1040.9 | 894.9  | 815.8  | 806.3  | 814.4  |
| 12.5° | 2570.2  | 2391.5 | 2009.5 | 1688.9 | 1431.7 | 1235.3 | 981.6  | 761.2  | 589.3  | 602.3  | 568.2  |
| 15°   | 2617.9  | 2412.6 | 1976.1 | 1600.2 | 1321.9 | 1059.3 | 753.7  | 533.4  | 392.9  | 352.0  | 327.4  |
| 17.5° | 2898.3  | 2605.0 | 1933.8 | 1497.9 | 1168.5 | 824.7  | 473.4  | 309.0  | 263.3  | 249.0  | 237.4  |
| 20°   | 3258.4  | 2841.7 | 1933.1 | 1390.1 | 942.0  | 515.7  | 295.4  | 223.7  | 212.8  | 221.0  | 212.1  |
| 22.5° | 3677.2  | 3156.8 | 2036.1 | 1255.8 | 676.0  | 325.4  | 229.9  | 198.5  | 187.6  | 194.4  | 195.1  |
| 25°   | 4098.8  | 3629.5 | 2120.0 | 1128.2 | 470.7  | 249.7  | 204.6  | 182.8  | 170.5  | 176.7  | 173.3  |
| 27.5° | 4860.0  | 4021.0 | 2100.9 | 965.2  | 346.5  | 219.6  | 190.3  | 171.2  | 152.8  | 162.3  | 161.7  |
| 30°   | 5358.0  | 4712.0 | 2175.2 | 736.7  | 274.9  | 192.4  | 177.3  | 156.2  | 136.4  | 147.3  | 146.7  |
| 32.5° | 5953.4  | 5008.7 | 2255.7 | 565.5  | 228.5  | 182.1  | 159.6  | 139.2  | 127.6  | 134.4  | 133.0  |
| 35°   | 6622.6  | 5595.3 | 2107.7 | 470.7  | 198.5  | 164.4  | 141.2  | 125.5  | 115.3  | 118.7  | 118.7  |
| 37.5° | 7804.7  | 6085.8 | 2019.0 | 383.3  | 184.9  | 148.7  | 132.3  | 113.2  | 107.1  | 107.1  | 110.5  |
| 40°   | 8475.9  | 6834.7 | 1754.4 | 303.5  | 188.9  | 137.1  | 123.5  | 103.7  | 95.5   | 94.8   | 98.2   |
| 42.5° | 9349.0  | 7266.5 | 1588.6 | 245.6  | 171.2  | 133.7  | 113.2  | 94.1   | 84.6   | 83.9   | 87.3   |
| 45°   | 9866.7  | 7508.0 | 1355.4 | 193.0  | 153.5  | 155.5  | 105.0  | 86.6   | 72.3   | 69.6   | 75.7   |
| 47.5° | 10193.4 | 7827.9 | 1223.0 | 153.5  | 133.7  | 154.8  | 102.3  | 75.0   | 60.7   | 57.3   | 62.8   |
| 50°   | 10359.2 | 7986.1 | 1197.1 | 131.6  | 116.0  | 138.5  | 117.3  | 62.8   | 51.8   | 47.1   | 51.8   |
| 52.5° | 10531.8 | 8243.3 | 1206.7 | 121.4  | 102.3  | 111.2  | 111.2  | 53.9   | 45.7   | 40.2   | 43.7   |
| 55°   | 10880.3 | 8623.2 | 1185.5 | 115.3  | 94.1   | 84.6   | 71.6   | 47.7   | 41.6   | 35.5   | 38.9   |
| 57.5° | 11308.7 | 8896.1 | 1185.5 | 109.8  | 87.3   | 72.3   | 57.3   | 44.3   | 38.2   | 30.7   | 33.4   |
| 60°   | 11227.5 | 8608.9 | 1126.8 | 104.4  | 81.9   | 67.5   | 51.8   | 40.9   | 35.5   | 28.0   | 30.0   |
| 62.5° | 10670.2 | 7827.9 | 912.7  | 96.2   | 77.1   | 64.1   | 47.1   | 38.9   | 33.4   | 24.6   | 26.6   |
| 65°   | 10015.4 | 6998.4 | 634.4  | 87.3   | 71.6   | 58.0   | 42.3   | 36.8   | 30.7   | 21.8   | 23.2   |
| 67.5° | 9226.9  | 6010.1 | 352.0  | 78.4   | 66.2   | 50.5   | 38.9   | 36.2   | 29.3   | 19.8   | 21.1   |
| 70°   | 7858.6  | 4537.4 | 188.9  | 71.6   | 62.1   | 46.4   | 36.8   | 36.2   | 29.3   | 19.1   | 19.8   |
| 72.5° | 5899.6  | 2857.4 | 110.5  | 65.5   | 56.6   | 43.0   | 34.8   | 36.8   | 28.6   | 18.4   | 18.4   |
| 75°   | 4014.2  | 1734.6 | 79.1   | 55.9   | 50.5   | 36.2   | 33.4   | 35.5   | 29.3   | 18.4   | 17.1   |
| 77.5° | 2729.1  | 1218.9 | 64.8   | 50.5   | 45.7   | 32.1   | 34.1   | 35.5   | 29.3   | 15.0   | 11.6   |
| 80°   | 1703.9  | 628.9  | 49.1   | 40.2   | 39.6   | 28.0   | 34.1   | 30.7   | 19.1   | 3.4    | 0.0    |
| 82.5° | 1191.6  | 234.0  | 28.6   | 30.7   | 30.7   | 19.8   | 26.6   | 21.8   | 10.9   | 0.0    | 0.0    |
| 85°   | 500.0   | 40.2   | 15.7   | 21.8   | 19.1   | 11.6   | 21.1   | 16.4   | 6.8    | 0.0    | 0.0    |
| 87.5° | 8.9     | 0.0    | 6.1    | 13.0   | 13.6   | 6.8    | 10.9   | 6.8    | 0.0    | 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: P598487

CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 |
| 2.5°  | 1485.0 | 1420.2 | 1283.7 | 1349.2 | 1342.4 | 1372.4 | 1375.1 | 1305.6 | 1455.6 | 1548.4 | 1562.0 |
| 5°    | 1424.2 | 1380.6 | 1373.1 | 1335.6 | 1326.0 | 1381.3 | 1351.3 | 1349.2 | 1421.5 | 1527.2 | 1527.9 |
| 7.5°  | 1183.5 | 1150.0 | 1165.7 | 1122.1 | 1009.5 | 1016.3 | 1026.6 | 1069.5 | 1131.6 | 1201.2 | 1226.4 |
| 10°   | 812.4  | 899.0  | 835.6  | 830.1  | 818.5  | 782.4  | 753.7  | 776.2  | 856.7  | 920.8  | 944.7  |
| 12.5° | 579.8  | 593.4  | 632.3  | 618.0  | 637.8  | 607.1  | 595.5  | 665.7  | 744.2  | 809.7  | 856.7  |
| 15°   | 339.0  | 362.2  | 385.4  | 434.5  | 454.3  | 448.1  | 483.6  | 542.3  | 605.7  | 635.7  | 693.7  |
| 17.5° | 238.7  | 240.8  | 245.6  | 298.8  | 333.6  | 347.2  | 368.3  | 412.7  | 438.6  | 452.2  | 476.1  |
| 20°   | 208.7  | 202.6  | 194.4  | 224.4  | 257.2  | 274.2  | 268.1  | 302.9  | 324.0  | 337.6  | 354.7  |
| 22.5° | 188.9  | 178.7  | 173.9  | 184.2  | 209.4  | 224.4  | 227.1  | 247.6  | 279.7  | 289.2  | 294.7  |
| 25°   | 170.5  | 163.7  | 160.3  | 165.8  | 179.4  | 193.7  | 196.4  | 223.0  | 251.7  | 255.8  | 266.7  |
| 27.5° | 158.2  | 145.3  | 146.7  | 150.7  | 156.9  | 174.6  | 180.1  | 195.1  | 236.7  | 241.5  | 244.9  |
| 30°   | 145.3  | 131.6  | 135.7  | 139.8  | 137.1  | 158.9  | 167.1  | 184.2  | 224.4  | 231.9  | 236.0  |
| 32.5° | 132.3  | 122.1  | 121.4  | 125.5  | 130.3  | 141.9  | 159.6  | 179.4  | 216.2  | 226.5  | 236.7  |
| 35°   | 118.0  | 109.8  | 111.2  | 111.9  | 118.0  | 133.0  | 146.0  | 156.2  | 181.4  | 186.9  | 190.3  |
| 37.5° | 107.8  | 101.0  | 99.6   | 106.4  | 112.5  | 124.1  | 128.9  | 133.7  | 167.1  | 179.4  | 180.1  |
| 40°   | 95.5   | 91.4   | 91.4   | 96.2   | 109.8  | 108.5  | 114.6  | 129.6  | 161.7  | 174.6  | 176.0  |
| 42.5° | 86.6   | 81.2   | 82.5   | 87.3   | 96.9   | 90.0   | 102.3  | 124.1  | 159.6  | 172.6  | 171.9  |
| 45°   | 73.0   | 71.6   | 74.3   | 78.4   | 82.5   | 76.4   | 95.5   | 118.7  | 152.8  | 169.8  | 165.1  |
| 47.5° | 60.7   | 60.7   | 64.1   | 68.2   | 66.2   | 68.2   | 86.6   | 111.2  | 148.7  | 164.4  | 161.0  |
| 50°   | 49.8   | 50.5   | 53.9   | 60.7   | 54.6   | 60.0   | 77.8   | 103.7  | 141.9  | 158.9  | 156.2  |
| 52.5° | 42.3   | 43.0   | 45.0   | 49.8   | 47.1   | 54.6   | 71.6   | 96.2   | 135.1  | 149.4  | 148.0  |
| 55°   | 36.8   | 38.2   | 38.2   | 40.9   | 42.3   | 51.2   | 64.8   | 88.7   | 124.8  | 140.5  | 137.8  |
| 57.5° | 32.7   | 34.1   | 33.4   | 35.5   | 36.8   | 45.0   | 58.0   | 80.5   | 114.6  | 127.6  | 123.5  |
| 60°   | 29.3   | 30.7   | 30.0   | 32.7   | 32.1   | 38.9   | 50.5   | 71.6   | 103.7  | 113.9  | 110.5  |
| 62.5° | 25.9   | 27.3   | 27.3   | 28.6   | 29.3   | 32.7   | 43.7   | 63.4   | 92.8   | 101.0  | 98.2   |
| 65°   | 23.2   | 24.6   | 25.2   | 24.6   | 25.9   | 28.0   | 36.8   | 57.3   | 80.5   | 88.7   | 84.6   |
| 67.5° | 21.1   | 22.5   | 23.9   | 21.1   | 22.5   | 23.2   | 31.4   | 51.2   | 70.9   | 77.8   | 74.3   |
| 70°   | 20.5   | 21.1   | 21.1   | 18.4   | 17.7   | 18.4   | 27.3   | 43.7   | 62.1   | 68.9   | 64.1   |
| 72.5° | 19.1   | 19.8   | 19.1   | 15.0   | 13.0   | 14.3   | 23.2   | 36.8   | 52.5   | 58.0   | 53.9   |
| 75°   | 17.7   | 18.4   | 17.7   | 12.3   | 8.2    | 10.2   | 19.1   | 32.1   | 45.0   | 47.7   | 45.7   |
| 77.5° | 15.0   | 16.4   | 16.4   | 8.9    | 2.7    | 6.1    | 14.3   | 25.9   | 37.5   | 37.5   | 38.2   |
| 80°   | 1.4    | 4.1    | 6.8    | 4.8    | 0.0    | 0.7    | 4.8    | 13.6   | 23.9   | 23.2   | 25.2   |
| 82.5° | 0.0    | 0.0    | 0.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 8.2    | 6.1    | 6.8    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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: P598487

CATALOG NUMBER: PMM-SA3D-835-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0 | 1442.0  | 1442.0  | 1442.0  |
| 2.5°  | 1530.0 | 1508.8 | 1535.4 | 1616.6 | 1583.9 | 1590.0 | 1568.2 | 1702.5  | 1854.7  | 1859.4  |
| 5°    | 1529.3 | 1510.2 | 1549.8 | 1546.3 | 1639.8 | 1741.4 | 1839.6 | 1998.6  | 2223.7  | 2225.0  |
| 7.5°  | 1214.8 | 1328.1 | 1357.4 | 1348.5 | 1468.6 | 1608.4 | 1759.8 | 2064.1  | 2248.9  | 2268.7  |
| 10°   | 1095.5 | 1144.6 | 1204.6 | 1226.4 | 1276.2 | 1409.2 | 1580.4 | 1924.9  | 2132.3  | 2178.0  |
| 12.5° | 949.5  | 1106.4 | 1186.2 | 1341.0 | 1369.7 | 1388.8 | 1658.9 | 1958.3  | 2084.5  | 2079.1  |
| 15°   | 786.5  | 922.9  | 1049.1 | 1238.0 | 1315.8 | 1516.3 | 1729.1 | 2121.4  | 2196.4  | 2268.7  |
| 17.5° | 556.6  | 659.6  | 853.3  | 1051.8 | 1289.2 | 1507.5 | 1922.9 | 2412.6  | 2554.5  | 2640.4  |
| 20°   | 372.4  | 422.2  | 597.5  | 860.1  | 1160.9 | 1377.9 | 2002.0 | 2675.9  | 2830.8  | 2905.1  |
| 22.5° | 302.2  | 326.0  | 416.8  | 630.3  | 991.8  | 1371.7 | 2034.0 | 2963.1  | 3379.2  | 3478.1  |
| 25°   | 266.0  | 282.4  | 330.8  | 466.6  | 823.3  | 1344.4 | 2211.4 | 3286.4  | 3788.4  | 3868.2  |
| 27.5° | 232.6  | 257.2  | 293.3  | 384.7  | 706.0  | 1325.3 | 2301.4 | 3829.4  | 4428.3  | 4506.7  |
| 30°   | 222.4  | 252.4  | 287.2  | 350.6  | 624.1  | 1251.7 | 2444.7 | 4319.1  | 4887.3  | 5027.1  |
| 32.5° | 240.1  | 250.3  | 267.4  | 321.3  | 560.7  | 1173.9 | 2696.4 | 4904.4  | 5267.2  | 5449.4  |
| 35°   | 190.3  | 208.7  | 238.7  | 294.7  | 534.1  | 1169.8 | 2838.9 | 5280.9  | 5876.4  | 5988.9  |
| 37.5° | 186.2  | 203.3  | 242.1  | 287.2  | 566.2  | 1201.2 | 3050.4 | 6052.4  | 6974.6  | 7205.1  |
| 40°   | 180.8  | 202.6  | 239.4  | 283.8  | 566.2  | 1231.9 | 3185.4 | 6669.7  | 7713.3  | 7947.3  |
| 42.5° | 178.7  | 206.7  | 238.7  | 298.1  | 548.4  | 1248.9 | 3389.4 | 7285.6  | 8493.6  | 8678.5  |
| 45°   | 177.3  | 210.8  | 240.8  | 315.1  | 544.3  | 1304.9 | 3504.7 | 7585.1  | 8995.7  | 9207.8  |
| 47.5° | 173.9  | 210.8  | 268.8  | 304.9  | 521.8  | 1299.4 | 3654.1 | 8029.1  | 9295.1  | 9473.8  |
| 50°   | 171.2  | 212.1  | 304.2  | 285.8  | 525.2  | 1266.0 | 3856.6 | 8445.9  | 9714.6  | 9842.2  |
| 52.5° | 165.1  | 216.9  | 298.8  | 259.2  | 515.0  | 1262.6 | 4158.8 | 9038.6  | 10266.4 | 10359.9 |
| 55°   | 151.4  | 210.8  | 270.1  | 226.5  | 478.8  | 1223.7 | 4559.2 | 9809.4  | 11031.7 | 11048.1 |
| 57.5° | 139.2  | 195.8  | 225.8  | 208.0  | 401.1  | 1228.5 | 4904.4 | 10518.8 | 11713.9 | 11790.3 |
| 60°   | 126.9  | 203.3  | 175.3  | 193.7  | 332.2  | 1141.2 | 5071.5 | 10790.3 | 12210.4 | 12322.3 |
| 62.5° | 115.3  | 187.6  | 149.4  | 178.0  | 296.0  | 1060.0 | 4955.5 | 10572.0 | 12273.9 | 12508.5 |
| 65°   | 102.3  | 130.3  | 126.2  | 159.6  | 299.4  | 946.1  | 4568.1 | 9932.9  | 12033.1 | 12356.4 |
| 67.5° | 88.0   | 102.3  | 111.2  | 137.8  | 320.6  | 848.5  | 3903.7 | 8907.0  | 11385.8 | 11752.1 |
| 70°   | 77.1   | 92.1   | 96.9   | 120.7  | 333.6  | 784.4  | 3080.4 | 7483.4  | 10059.7 | 10398.1 |
| 72.5° | 64.1   | 85.3   | 86.6   | 105.7  | 321.3  | 721.0  | 2195.0 | 5372.3  | 7638.9  | 7801.3  |
| 75°   | 55.3   | 70.9   | 78.4   | 88.7   | 270.1  | 538.2  | 1209.4 | 3325.3  | 4830.0  | 5011.5  |
| 77.5° | 49.8   | 53.9   | 59.3   | 61.4   | 114.6  | 280.3  | 416.1  | 2050.4  | 2704.6  | 2909.2  |
| 80°   | 38.2   | 42.3   | 40.9   | 42.3   | 62.8   | 96.9   | 158.2  | 961.1   | 1277.6  | 1391.5  |
| 82.5° | 12.3   | 20.5   | 22.5   | 19.1   | 40.9   | 47.7   | 45.7   | 332.2   | 415.4   | 441.3   |
| 85°   | 2.7    | 7.5    | 3.4    | 0.0    | 13.6   | 24.6   | 3.4    | 50.5    | 99.6    | 73.7    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 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     |

(END OF REPORT)