

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: P151434

Luminaire Tested: **AVM-F05-LED-E-U-SL3-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P151434
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-F05-LED-E-U-SL3-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11446.2 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 133.3
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

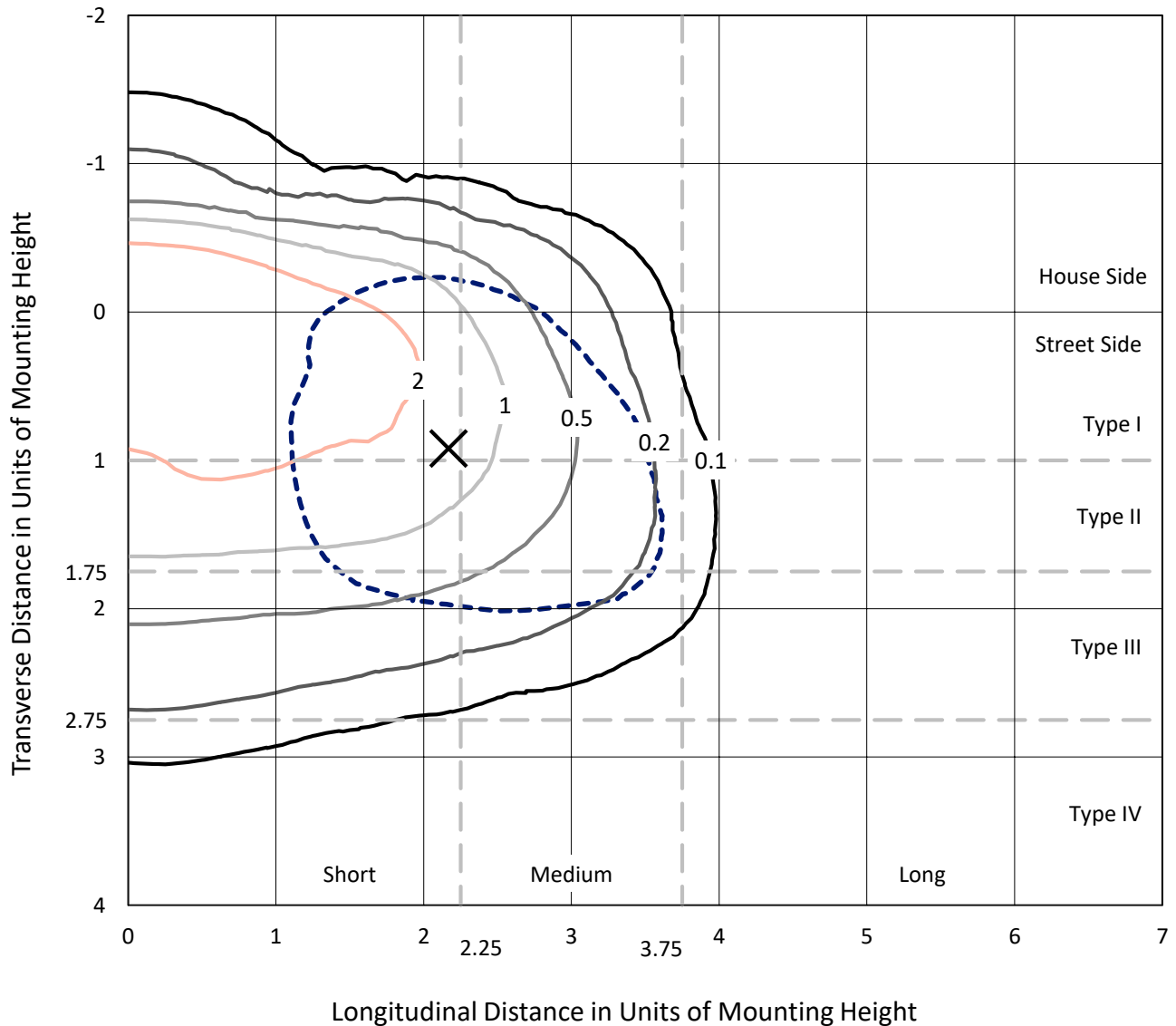


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

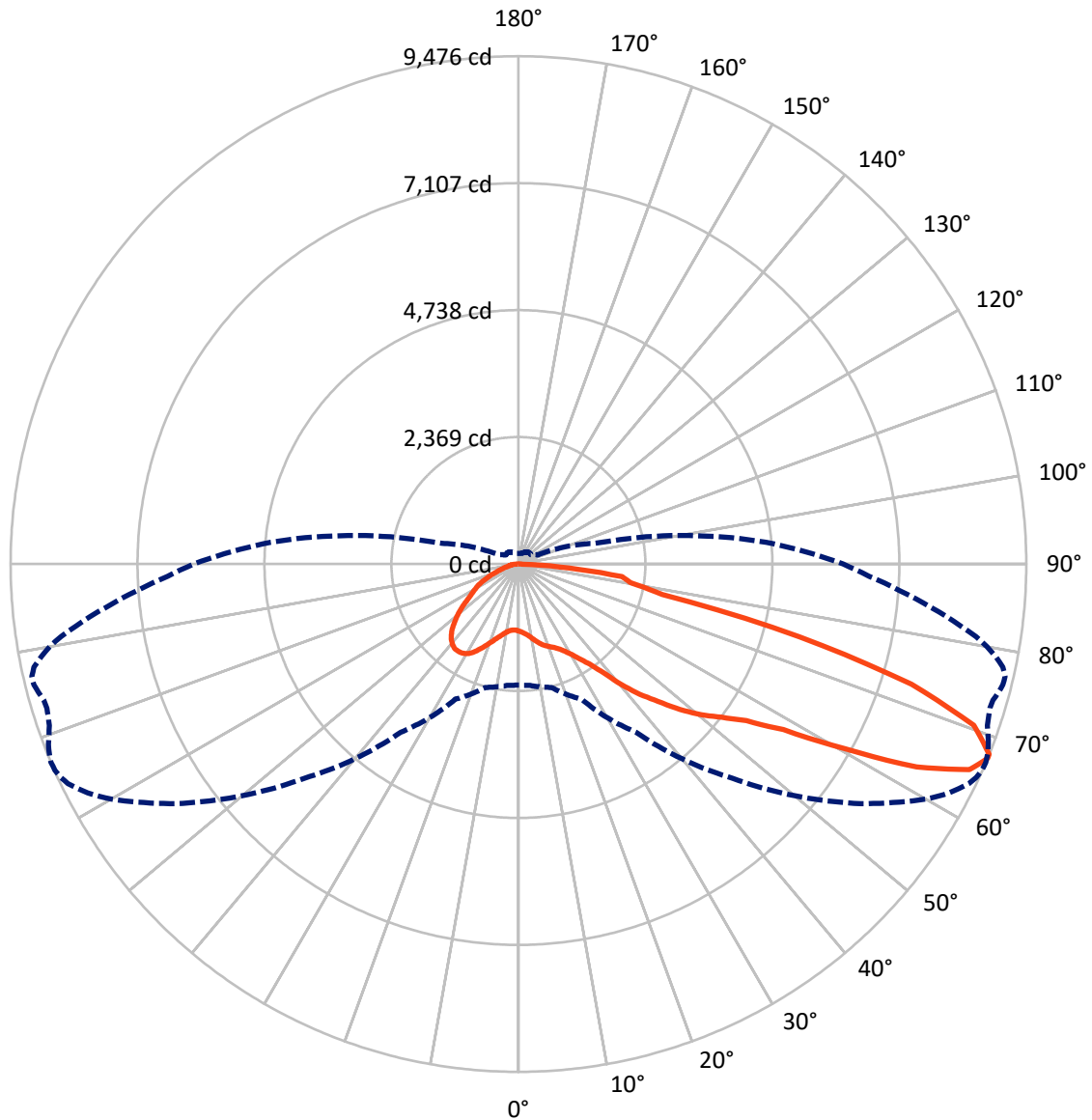


Based on 20 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2641.4 | 0.0 | 2641.4 |
| | % Fixture | 23.1 | 0.0 | 23.1 |
| Street Side | Lumens | 8804.9 | 0.0 | 8804.9 |
| | % Fixture | 76.9 | 0.0 | 76.9 |
| Total | Lumens | 11446.2 | 0.0 | 11446.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 124.5 | 1.1 |
| 10°-20° | 426.9 | 3.7 |
| 20°-30° | 753.7 | 6.6 |
| 30°-40° | 1081.9 | 9.5 |
| 40°-50° | 1643.1 | 14.4 |
| 50°-60° | 2419.3 | 21.1 |
| 60°-70° | 3215.1 | 28.1 |
| 70°-80° | 1572.9 | 13.7 |
| 80°-90° | 208.9 | 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° | 11446.2 | 100.0 |
| 0°-180° | 11446.2 | 100.0 |



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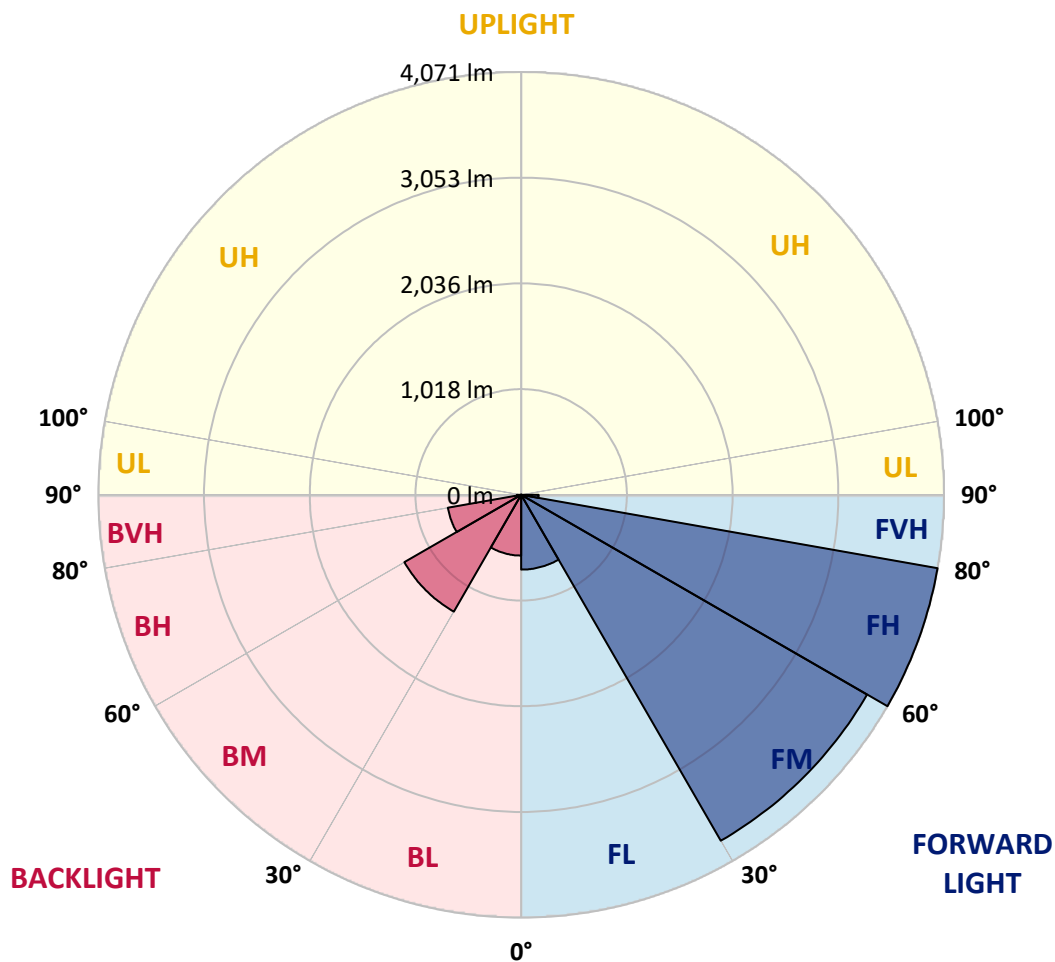
CATALOG NUMBER: AVM-F05-LED-E-U-SL3-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 720.1 | 6.3 | | | |
| FM | (30°-60°) | 3845.7 | 33.6 | | | |
| FH | (60°-80°) | 4071.3 | 35.6 | | | G2/5000 |
| FVH | (80°-90°) | 167.8 | 1.5 | | | G2/225 |
| BL | (0°-30°) | 585.0 | 5.1 | B2/1000 | | |
| BM | (30°-60°) | 1298.6 | 11.3 | B2/2500 | | |
| BH | (60°-80°) | 716.7 | 6.3 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 41.1 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





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CATALOG NUMBER: AVM-F05-LED-E-U-SL3-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 |
| 2.5° | 1309.4 | 1310.7 | 1308.2 | 1306.9 | 1299.4 | 1291.8 | 1286.8 | 1280.5 | 1280.5 | 1280.5 | 1278.0 |
| 5° | 1383.6 | 1378.6 | 1382.3 | 1373.5 | 1358.4 | 1344.6 | 1330.8 | 1319.5 | 1317.0 | 1317.0 | 1311.9 |
| 7.5° | 1472.8 | 1466.5 | 1464.0 | 1451.4 | 1428.8 | 1408.7 | 1381.1 | 1369.8 | 1363.5 | 1361.0 | 1358.4 |
| 10° | 1580.9 | 1580.9 | 1564.5 | 1543.2 | 1513.0 | 1477.8 | 1447.7 | 1427.6 | 1426.3 | 1426.3 | 1415.0 |
| 12.5° | 1691.5 | 1694.0 | 1672.6 | 1651.2 | 1602.2 | 1555.7 | 1520.6 | 1497.9 | 1496.7 | 1491.7 | 1485.4 |
| 15° | 1793.2 | 1787.0 | 1773.1 | 1741.7 | 1687.7 | 1632.4 | 1588.4 | 1565.8 | 1560.8 | 1555.7 | 1552.0 |
| 17.5° | 1877.4 | 1871.2 | 1853.6 | 1813.4 | 1756.8 | 1691.5 | 1637.4 | 1613.5 | 1611.0 | 1608.5 | 1603.5 |
| 20° | 1930.2 | 1925.2 | 1900.1 | 1853.6 | 1794.5 | 1727.9 | 1670.1 | 1653.8 | 1648.7 | 1648.7 | 1646.2 |
| 22.5° | 1960.4 | 1952.8 | 1916.4 | 1854.8 | 1797.0 | 1748.0 | 1700.3 | 1690.2 | 1686.4 | 1687.7 | 1687.7 |
| 25° | 1975.5 | 1969.2 | 1917.7 | 1829.7 | 1774.4 | 1760.6 | 1740.5 | 1734.2 | 1735.4 | 1736.7 | 1739.2 |
| 27.5° | 1978.0 | 1969.2 | 1908.9 | 1797.0 | 1745.5 | 1784.5 | 1798.3 | 1808.3 | 1808.3 | 1813.4 | 1822.2 |
| 30° | 1959.1 | 1949.1 | 1891.3 | 1771.9 | 1732.9 | 1832.2 | 1887.5 | 1913.9 | 1923.9 | 1921.4 | 1941.5 |
| 32.5° | 1926.5 | 1920.2 | 1873.7 | 1771.9 | 1768.1 | 1926.5 | 2024.5 | 2062.2 | 2067.2 | 2069.7 | 2092.3 |
| 35° | 1915.1 | 1913.9 | 1893.8 | 1832.2 | 1877.4 | 2092.3 | 2241.9 | 2270.8 | 2277.1 | 2277.1 | 2293.4 |
| 37.5° | 1912.6 | 1918.9 | 1941.5 | 1945.3 | 2069.7 | 2338.6 | 2534.7 | 2578.7 | 2578.7 | 2591.2 | 2591.2 |
| 40° | 1912.6 | 1926.5 | 2011.9 | 2113.7 | 2304.7 | 2659.1 | 2930.5 | 2980.8 | 2980.8 | 2994.6 | 2987.1 |
| 42.5° | 1986.8 | 2006.9 | 2147.6 | 2341.1 | 2601.3 | 2989.6 | 3301.2 | 3357.8 | 3361.6 | 3357.8 | 3369.1 |
| 45° | 2132.5 | 2150.1 | 2321.0 | 2598.8 | 2906.6 | 3344.0 | 3655.6 | 3723.5 | 3709.6 | 3718.4 | 3722.2 |
| 47.5° | 2326.1 | 2353.7 | 2548.5 | 2880.3 | 3204.5 | 3671.9 | 4052.7 | 4114.3 | 4109.3 | 4113.0 | 4096.7 |
| 50° | 2532.2 | 2561.1 | 2778.5 | 3159.2 | 3501.0 | 3935.8 | 4371.9 | 4463.6 | 4454.8 | 4461.1 | 4469.9 |
| 52.5° | 2714.4 | 2732.0 | 2941.8 | 3369.1 | 3726.0 | 4182.2 | 4617.0 | 4731.3 | 4751.4 | 4753.9 | 4760.2 |
| 55° | 2822.4 | 2843.8 | 3036.1 | 3473.4 | 3889.3 | 4423.4 | 4897.2 | 5070.6 | 5109.6 | 5119.6 | 5147.3 |
| 57.5° | 2860.1 | 2882.8 | 3057.4 | 3488.5 | 3978.6 | 4649.6 | 5288.0 | 5593.4 | 5626.0 | 5680.1 | 5768.1 |
| 60° | 2858.9 | 2882.8 | 3034.8 | 3454.5 | 4069.1 | 4929.9 | 5896.2 | 6407.7 | 6573.6 | 6628.9 | 6754.5 |
| 62.5° | 2742.0 | 2769.7 | 2924.2 | 3351.5 | 4184.7 | 5288.0 | 6801.0 | 7587.7 | 7801.3 | 7901.9 | 8037.6 |
| 65° | 2485.7 | 2505.8 | 2650.3 | 3090.1 | 4152.0 | 5641.1 | 7557.5 | 8539.0 | 8733.8 | 8880.8 | 9123.3 |
| 67° | 2258.2 | 2270.8 | 2383.9 | 2781.0 | 3832.8 | 5653.7 | 7796.3 | 8775.2 | 8944.9 | 9100.7 | 9350.8 |
| 67.5° | 2200.4 | 2226.8 | 2314.8 | 2686.7 | 3713.4 | 5582.1 | 7780.0 | 8738.8 | 8912.2 | 9074.3 | 9338.2 |
| 70° | 1790.7 | 1828.4 | 1872.4 | 2122.5 | 2919.2 | 4696.1 | 7203.2 | 8107.9 | 8260.0 | 8410.8 | 8779.0 |
| 72.5° | 1104.6 | 1172.5 | 1181.3 | 1339.6 | 1900.1 | 3245.9 | 5828.4 | 6837.5 | 6951.8 | 7059.9 | 7436.9 |
| 75° | 650.9 | 661.0 | 692.4 | 820.6 | 1114.7 | 1940.3 | 3910.7 | 5079.4 | 5185.0 | 5237.7 | 5533.1 |
| 77.5° | 363.2 | 373.2 | 399.6 | 510.2 | 857.0 | 1306.9 | 2277.1 | 2984.6 | 3048.6 | 3115.2 | 3067.5 |
| 80° | 150.8 | 164.6 | 177.2 | 206.1 | 400.9 | 1031.7 | 1565.8 | 1897.6 | 1939.0 | 1978.0 | 2027.0 |
| 82.5° | 72.9 | 77.9 | 95.5 | 109.3 | 145.8 | 423.5 | 1227.8 | 1645.0 | 1694.0 | 1750.5 | 1864.9 |
| 85° | 33.9 | 37.7 | 52.8 | 62.8 | 70.4 | 106.8 | 410.9 | 800.5 | 868.3 | 880.9 | 903.5 |
| 87.5° | 2.5 | 2.5 | 6.3 | 8.8 | 12.6 | 13.8 | 42.7 | 60.3 | 67.9 | 61.6 | 77.9 |
| 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: AVM-F05-LED-E-U-SL3-7030

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 |
| 2.5° | 1276.8 | 1275.5 | 1273.0 | 1273.0 | 1271.7 | 1271.7 | 1271.7 | 1269.2 | 1269.2 | 1269.2 | 1268.0 |
| 5° | 1310.7 | 1309.4 | 1305.7 | 1305.7 | 1303.2 | 1303.2 | 1299.4 | 1298.1 | 1295.6 | 1295.6 | 1294.4 |
| 7.5° | 1354.7 | 1353.4 | 1348.4 | 1348.4 | 1344.6 | 1343.4 | 1340.9 | 1337.1 | 1337.1 | 1334.6 | 1332.1 |
| 10° | 1415.0 | 1411.2 | 1410.0 | 1403.7 | 1404.9 | 1402.4 | 1399.9 | 1396.1 | 1393.6 | 1391.1 | 1388.6 |
| 12.5° | 1482.9 | 1482.9 | 1476.6 | 1472.8 | 1475.3 | 1472.8 | 1467.8 | 1466.5 | 1462.7 | 1462.7 | 1459.0 |
| 15° | 1546.9 | 1546.9 | 1544.4 | 1539.4 | 1540.7 | 1536.9 | 1535.6 | 1533.1 | 1528.1 | 1529.4 | 1528.1 |
| 17.5° | 1602.2 | 1602.2 | 1598.5 | 1596.0 | 1596.0 | 1592.2 | 1593.4 | 1590.9 | 1588.4 | 1587.2 | 1583.4 |
| 20° | 1646.2 | 1646.2 | 1643.7 | 1641.2 | 1642.4 | 1642.4 | 1638.7 | 1638.7 | 1638.7 | 1636.2 | 1636.2 |
| 22.5° | 1688.9 | 1690.2 | 1690.2 | 1690.2 | 1691.5 | 1692.7 | 1691.5 | 1694.0 | 1692.7 | 1695.2 | 1695.2 |
| 25° | 1745.5 | 1749.3 | 1751.8 | 1751.8 | 1758.1 | 1759.3 | 1760.6 | 1764.3 | 1764.3 | 1768.1 | 1769.4 |
| 27.5° | 1829.7 | 1832.2 | 1842.3 | 1844.8 | 1846.0 | 1856.1 | 1857.3 | 1862.4 | 1867.4 | 1868.6 | 1869.9 |
| 30° | 1945.3 | 1951.6 | 1959.1 | 1964.2 | 1964.2 | 1976.7 | 1981.7 | 1979.2 | 1993.1 | 1996.8 | 2001.9 |
| 32.5° | 2099.9 | 2104.9 | 2112.4 | 2117.5 | 2122.5 | 2128.8 | 2130.0 | 2136.3 | 2147.6 | 2157.7 | 2151.4 |
| 35° | 2294.7 | 2307.2 | 2294.7 | 2308.5 | 2312.2 | 2321.0 | 2318.5 | 2326.1 | 2331.1 | 2334.9 | 2333.6 |
| 37.5° | 2577.4 | 2571.1 | 2568.6 | 2563.6 | 2554.8 | 2584.9 | 2569.9 | 2568.6 | 2561.1 | 2582.4 | 2568.6 |
| 40° | 2949.4 | 2953.1 | 2956.9 | 2936.8 | 2925.5 | 2925.5 | 2921.7 | 2907.9 | 2901.6 | 2920.5 | 2918.0 |
| 42.5° | 3337.7 | 3341.4 | 3323.9 | 3311.3 | 3282.4 | 3278.6 | 3261.0 | 3257.3 | 3251.0 | 3261.0 | 3251.0 |
| 45° | 3690.8 | 3693.3 | 3654.4 | 3660.6 | 3638.0 | 3641.8 | 3614.1 | 3625.5 | 3610.4 | 3620.4 | 3639.3 |
| 47.5° | 4085.4 | 4090.4 | 4056.5 | 4070.3 | 4047.7 | 4033.9 | 4032.6 | 4040.1 | 4023.8 | 4033.9 | 4038.9 |
| 50° | 4443.5 | 4437.3 | 4419.7 | 4423.4 | 4413.4 | 4415.9 | 4400.8 | 4414.6 | 4395.8 | 4415.9 | 4413.4 |
| 52.5° | 4761.5 | 4753.9 | 4750.2 | 4762.7 | 4753.9 | 4753.9 | 4745.1 | 4751.4 | 4753.9 | 4784.1 | 4790.4 |
| 55° | 5147.3 | 5153.5 | 5159.8 | 5182.4 | 5192.5 | 5176.2 | 5192.5 | 5223.9 | 5225.2 | 5296.8 | 5335.8 |
| 57.5° | 5766.8 | 5810.8 | 5833.4 | 5847.2 | 5906.3 | 5900.0 | 5937.7 | 6013.1 | 6020.6 | 6186.5 | 6283.3 |
| 60° | 6847.5 | 6925.4 | 6999.6 | 6959.4 | 7078.7 | 7115.2 | 7137.8 | 7278.6 | 7322.5 | 7479.6 | 7563.8 |
| 62.5° | 8212.2 | 8221.0 | 8336.7 | 8300.2 | 8368.1 | 8351.7 | 8379.4 | 8443.5 | 8501.3 | 8630.7 | 8709.9 |
| 65° | 9164.8 | 9206.3 | 9251.5 | 9205.0 | 9203.7 | 9148.5 | 9113.3 | 9112.0 | 9147.2 | 9174.8 | 9262.8 |
| 67° | 9423.7 | 9465.1 | 9476.4 | 9442.5 | 9393.5 | 9323.1 | 9257.8 | 9223.9 | 9201.2 | 9213.8 | 9269.1 |
| 67.5° | 9421.1 | 9460.1 | 9473.9 | 9441.3 | 9373.4 | 9314.3 | 9245.2 | 9206.3 | 9176.1 | 9182.4 | 9228.9 |
| 70° | 8885.8 | 8970.0 | 9015.2 | 9025.3 | 9016.5 | 8913.5 | 8854.4 | 8819.2 | 8794.1 | 8732.5 | 8728.7 |
| 72.5° | 7528.6 | 7630.4 | 7665.6 | 7722.1 | 7747.3 | 7595.2 | 7531.1 | 7570.1 | 7482.1 | 7287.3 | 7296.1 |
| 75° | 5528.0 | 5535.6 | 5417.4 | 5394.8 | 5310.6 | 4966.3 | 4863.3 | 4769.0 | 4618.2 | 4383.2 | 4162.0 |
| 77.5° | 2881.5 | 2880.3 | 2744.5 | 2675.4 | 2574.9 | 2367.5 | 2357.5 | 2189.1 | 2071.0 | 1856.1 | 1778.2 |
| 80° | 2047.1 | 2079.8 | 2125.0 | 2147.6 | 2112.4 | 2032.0 | 1921.4 | 1802.0 | 1665.1 | 1530.6 | 1369.8 |
| 82.5° | 1903.8 | 1923.9 | 1947.8 | 1859.9 | 1810.8 | 1697.7 | 1613.5 | 1440.1 | 1343.4 | 1190.1 | 1027.9 |
| 85° | 926.2 | 987.7 | 940.0 | 884.7 | 865.8 | 677.3 | 654.7 | 546.6 | 496.4 | 408.4 | 380.8 |
| 87.5° | 59.1 | 72.9 | 65.3 | 59.1 | 51.5 | 28.9 | 39.0 | 27.6 | 28.9 | 21.4 | 18.8 |
| 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):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 |
| 2.5° | 1268.0 | 1266.7 | 1265.5 | 1264.2 | 1262.9 | 1262.9 | 1261.7 | 1260.4 | 1259.2 | 1256.7 | 1256.7 |
| 5° | 1291.8 | 1291.8 | 1290.6 | 1288.1 | 1288.1 | 1285.6 | 1281.8 | 1280.5 | 1280.5 | 1278.0 | 1275.5 |
| 7.5° | 1330.8 | 1329.5 | 1327.0 | 1325.8 | 1323.3 | 1320.7 | 1318.2 | 1315.7 | 1314.5 | 1310.7 | 1309.4 |
| 10° | 1389.9 | 1387.3 | 1381.1 | 1378.6 | 1377.3 | 1374.8 | 1372.3 | 1369.8 | 1366.0 | 1363.5 | 1362.2 |
| 12.5° | 1456.5 | 1455.2 | 1450.2 | 1452.7 | 1446.4 | 1443.9 | 1441.4 | 1435.1 | 1437.6 | 1432.6 | 1430.1 |
| 15° | 1523.1 | 1524.3 | 1521.8 | 1521.8 | 1516.8 | 1513.0 | 1510.5 | 1505.5 | 1504.2 | 1501.7 | 1499.2 |
| 17.5° | 1582.1 | 1584.6 | 1580.9 | 1578.4 | 1575.8 | 1573.3 | 1568.3 | 1563.3 | 1563.3 | 1558.3 | 1555.7 |
| 20° | 1636.2 | 1638.7 | 1637.4 | 1634.9 | 1631.1 | 1629.9 | 1627.4 | 1623.6 | 1623.6 | 1621.1 | 1617.3 |
| 22.5° | 1697.7 | 1699.0 | 1699.0 | 1697.7 | 1694.0 | 1695.2 | 1692.7 | 1688.9 | 1690.2 | 1685.2 | 1685.2 |
| 25° | 1771.9 | 1774.4 | 1776.9 | 1778.2 | 1775.7 | 1776.9 | 1774.4 | 1771.9 | 1770.6 | 1771.9 | 1770.6 |
| 27.5° | 1873.7 | 1876.2 | 1883.7 | 1877.4 | 1883.7 | 1885.0 | 1881.2 | 1876.2 | 1880.0 | 1886.2 | 1882.5 |
| 30° | 2008.1 | 2005.6 | 2015.7 | 2016.9 | 2015.7 | 2016.9 | 2014.4 | 2010.6 | 2013.2 | 2024.5 | 2018.2 |
| 32.5° | 2158.9 | 2164.0 | 2166.5 | 2169.0 | 2172.8 | 2177.8 | 2174.0 | 2170.2 | 2176.5 | 2172.8 | 2181.6 |
| 35° | 2341.1 | 2352.5 | 2356.2 | 2352.5 | 2355.0 | 2363.8 | 2362.5 | 2363.8 | 2376.3 | 2363.8 | 2380.1 |
| 37.5° | 2571.1 | 2582.4 | 2591.2 | 2586.2 | 2592.5 | 2592.5 | 2602.5 | 2630.2 | 2612.6 | 2635.2 | 2652.8 |
| 40° | 2905.4 | 2923.0 | 2924.2 | 2923.0 | 2929.3 | 2936.8 | 2946.9 | 2977.0 | 2956.9 | 2980.8 | 2997.1 |
| 42.5° | 3249.7 | 3271.1 | 3278.6 | 3266.0 | 3279.9 | 3296.2 | 3297.5 | 3323.9 | 3325.1 | 3328.9 | 3337.7 |
| 45° | 3638.0 | 3656.9 | 3671.9 | 3665.7 | 3666.9 | 3688.3 | 3683.3 | 3708.4 | 3689.5 | 3689.5 | 3694.6 |
| 47.5° | 4051.5 | 4069.1 | 4079.1 | 4089.2 | 4076.6 | 4095.4 | 4104.2 | 4099.2 | 4076.6 | 4071.6 | 4041.4 |
| 50° | 4428.5 | 4443.5 | 4458.6 | 4486.3 | 4485.0 | 4493.8 | 4500.1 | 4477.5 | 4472.4 | 4444.8 | 4410.9 |
| 52.5° | 4828.1 | 4867.0 | 4901.0 | 4958.8 | 4967.6 | 4997.7 | 4986.4 | 4948.7 | 4942.4 | 4897.2 | 4851.9 |
| 55° | 5384.8 | 5496.6 | 5545.6 | 5634.8 | 5695.2 | 5693.9 | 5668.8 | 5662.5 | 5614.7 | 5524.3 | 5470.2 |
| 57.5° | 6353.7 | 6528.3 | 6612.5 | 6728.1 | 6747.0 | 6735.7 | 6703.0 | 6645.2 | 6562.3 | 6410.2 | 6312.2 |
| 60° | 7752.3 | 7860.4 | 7958.4 | 7986.0 | 7999.9 | 7978.5 | 7864.2 | 7736.0 | 7573.9 | 7364.0 | 7189.3 |
| 62.5° | 8809.2 | 8919.7 | 8992.6 | 8981.3 | 8894.6 | 8785.3 | 8618.1 | 8403.3 | 8175.8 | 7940.8 | 7679.4 |
| 65° | 9347.0 | 9393.5 | 9382.2 | 9294.2 | 9145.9 | 8954.9 | 8711.1 | 8446.0 | 8178.3 | 7900.6 | 7629.2 |
| 67° | 9318.1 | 9319.4 | 9242.7 | 9071.8 | 8882.0 | 8642.0 | 8344.2 | 8055.2 | 7741.0 | 7449.5 | 7126.5 |
| 67.5° | 9266.6 | 9261.6 | 9154.7 | 8967.5 | 8762.7 | 8515.1 | 8206.0 | 7906.9 | 7581.4 | 7287.3 | 6953.1 |
| 70° | 8683.5 | 8613.1 | 8371.8 | 8072.8 | 7787.5 | 7453.2 | 7129.0 | 6785.9 | 6419.0 | 6166.4 | 5781.9 |
| 72.5° | 7135.3 | 6897.8 | 6481.8 | 6168.9 | 5863.6 | 5426.2 | 5223.9 | 4797.9 | 4540.3 | 4379.4 | 4089.2 |
| 75° | 4131.9 | 3933.3 | 3611.6 | 3318.8 | 3170.5 | 2911.7 | 2788.5 | 2475.6 | 2410.3 | 2407.8 | 2307.2 |
| 77.5° | 1577.1 | 1376.0 | 1168.7 | 941.2 | 800.5 | 635.9 | 560.5 | 501.4 | 456.2 | 487.6 | 442.3 |
| 80° | 1182.5 | 972.7 | 760.3 | 552.9 | 394.6 | 291.5 | 250.1 | 231.2 | 219.9 | 211.1 | 204.8 |
| 82.5° | 880.9 | 694.9 | 539.1 | 351.9 | 246.3 | 186.0 | 160.9 | 150.8 | 145.8 | 137.0 | 129.4 |
| 85° | 297.8 | 238.8 | 188.5 | 130.7 | 103.0 | 84.2 | 77.9 | 75.4 | 71.6 | 65.3 | 61.6 |
| 87.5° | 16.3 | 15.1 | 16.3 | 12.6 | 15.1 | 12.6 | 13.8 | 13.8 | 13.8 | 12.6 | 12.6 |
| 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: P151434

CATALOG NUMBER: AVM-F05-LED-E-U-SL3-7030

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 | 1250.4 |
| 2.5° | 1255.4 | 1255.4 | 1255.4 | 1252.9 | 1249.1 | 1241.6 | 1234.0 | 1227.8 | 1221.5 | 1217.7 | 1215.2 |
| 5° | 1274.2 | 1271.7 | 1270.5 | 1269.2 | 1260.4 | 1245.3 | 1231.5 | 1219.0 | 1206.4 | 1196.3 | 1192.6 |
| 7.5° | 1308.2 | 1303.2 | 1301.9 | 1298.1 | 1286.8 | 1264.2 | 1244.1 | 1224.0 | 1206.4 | 1192.6 | 1186.3 |
| 10° | 1359.7 | 1359.7 | 1352.2 | 1347.1 | 1334.6 | 1304.4 | 1275.5 | 1249.1 | 1225.2 | 1210.2 | 1206.4 |
| 12.5° | 1425.0 | 1425.0 | 1418.8 | 1415.0 | 1399.9 | 1361.0 | 1325.8 | 1294.4 | 1271.7 | 1256.7 | 1255.4 |
| 15° | 1492.9 | 1491.7 | 1486.6 | 1481.6 | 1465.3 | 1423.8 | 1388.6 | 1361.0 | 1342.1 | 1324.5 | 1319.5 |
| 17.5° | 1553.2 | 1553.2 | 1546.9 | 1541.9 | 1525.6 | 1490.4 | 1459.0 | 1438.9 | 1417.5 | 1381.1 | 1353.4 |
| 20° | 1613.5 | 1614.8 | 1609.8 | 1604.7 | 1590.9 | 1560.8 | 1546.9 | 1526.8 | 1479.1 | 1399.9 | 1334.6 |
| 22.5° | 1680.1 | 1685.2 | 1678.9 | 1673.9 | 1662.6 | 1650.0 | 1645.0 | 1597.2 | 1496.7 | 1369.8 | 1274.2 |
| 25° | 1765.6 | 1774.4 | 1766.9 | 1764.3 | 1758.1 | 1761.8 | 1746.8 | 1636.2 | 1471.5 | 1304.4 | 1185.0 |
| 27.5° | 1882.5 | 1882.5 | 1883.7 | 1883.7 | 1881.2 | 1895.0 | 1839.7 | 1637.4 | 1416.3 | 1220.2 | 1078.2 |
| 30° | 2019.4 | 2027.0 | 2024.5 | 2024.5 | 2034.5 | 2043.3 | 1891.3 | 1609.8 | 1345.9 | 1115.9 | 947.5 |
| 32.5° | 2184.1 | 2190.4 | 2192.9 | 2181.6 | 2221.8 | 2176.5 | 1910.1 | 1559.5 | 1259.2 | 986.5 | 791.7 |
| 35° | 2382.6 | 2391.4 | 2397.7 | 2399.0 | 2425.3 | 2292.1 | 1900.1 | 1485.4 | 1134.8 | 824.4 | 620.8 |
| 37.5° | 2641.5 | 2659.1 | 2672.9 | 2679.2 | 2680.4 | 2390.2 | 1872.4 | 1387.3 | 972.7 | 643.4 | 462.4 |
| 40° | 2985.8 | 3004.7 | 3000.9 | 3013.5 | 2941.8 | 2448.0 | 1809.6 | 1245.3 | 771.6 | 472.5 | 356.9 |
| 42.5° | 3317.6 | 3320.1 | 3325.1 | 3313.8 | 3168.0 | 2478.1 | 1721.6 | 1071.9 | 578.1 | 353.1 | 305.4 |
| 45° | 3688.3 | 3666.9 | 3643.0 | 3625.5 | 3376.6 | 2489.4 | 1601.0 | 860.8 | 408.4 | 296.6 | 282.7 |
| 47.5° | 4036.4 | 4007.5 | 3958.5 | 3908.2 | 3562.6 | 2471.8 | 1446.4 | 644.7 | 310.4 | 271.4 | 267.7 |
| 50° | 4378.2 | 4324.2 | 4255.0 | 4197.2 | 3741.1 | 2445.5 | 1275.5 | 465.0 | 271.4 | 258.9 | 255.1 |
| 52.5° | 4801.7 | 4711.2 | 4620.7 | 4545.3 | 3973.5 | 2404.0 | 1095.8 | 353.1 | 255.1 | 248.8 | 243.8 |
| 55° | 5382.3 | 5256.6 | 5110.8 | 5005.3 | 4289.0 | 2341.1 | 907.3 | 299.1 | 247.6 | 242.5 | 235.0 |
| 57.5° | 6186.5 | 5998.0 | 5833.4 | 5661.2 | 4720.0 | 2277.1 | 745.2 | 277.7 | 246.3 | 238.8 | 228.7 |
| 60° | 7008.4 | 6782.2 | 6572.3 | 6326.0 | 5159.8 | 2213.0 | 632.1 | 275.2 | 250.1 | 238.8 | 223.7 |
| 62.5° | 7435.6 | 7201.9 | 6949.3 | 6699.2 | 5349.6 | 2062.2 | 554.2 | 279.0 | 258.9 | 242.5 | 223.7 |
| 65° | 7337.6 | 7052.4 | 6796.0 | 6540.9 | 5129.7 | 1776.9 | 468.7 | 284.0 | 276.5 | 257.6 | 227.5 |
| 67° | 6845.0 | 6547.2 | 6300.9 | 6057.1 | 4639.6 | 1487.9 | 402.1 | 289.0 | 295.3 | 275.2 | 235.0 |
| 67.5° | 6671.6 | 6373.8 | 6131.2 | 5893.7 | 4495.1 | 1427.6 | 385.8 | 291.5 | 299.1 | 280.2 | 237.5 |
| 70° | 5531.8 | 5313.1 | 5055.5 | 4872.1 | 3639.3 | 1056.8 | 316.7 | 296.6 | 321.7 | 309.1 | 248.8 |
| 72.5° | 3981.1 | 3772.5 | 3579.0 | 3477.2 | 2680.4 | 738.9 | 266.4 | 291.5 | 335.5 | 325.5 | 253.8 |
| 75° | 2116.2 | 2103.6 | 2033.3 | 2083.5 | 1658.8 | 482.6 | 235.0 | 272.7 | 320.4 | 297.8 | 236.3 |
| 77.5° | 427.3 | 439.8 | 516.5 | 508.9 | 535.3 | 268.9 | 201.1 | 233.7 | 247.6 | 218.7 | 192.3 |
| 80° | 198.6 | 194.8 | 191.0 | 193.5 | 189.8 | 172.2 | 163.4 | 183.5 | 172.2 | 140.7 | 128.2 |
| 82.5° | 123.2 | 120.6 | 116.9 | 115.6 | 128.2 | 137.0 | 143.3 | 144.5 | 114.4 | 98.0 | 94.2 |
| 85° | 59.1 | 59.1 | 57.8 | 60.3 | 75.4 | 111.8 | 120.6 | 106.8 | 76.7 | 70.4 | 66.6 |
| 87.5° | 11.3 | 11.3 | 12.6 | 11.3 | 15.1 | 26.4 | 30.2 | 35.2 | 28.9 | 30.2 | 33.9 |
| 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: P151434

CATALOG NUMBER: AVM-F05-LED-E-U-SL3-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|--------|--------|--------|
| 0° | 1250.4 | 1250.4 | 1250.4 |
| 2.5° | 1212.7 | 1210.2 | 1210.2 |
| 5° | 1187.5 | 1186.3 | 1186.3 |
| 7.5° | 1181.3 | 1182.5 | 1181.3 |
| 10° | 1205.1 | 1203.9 | 1208.9 |
| 12.5° | 1257.9 | 1261.7 | 1260.4 |
| 15° | 1313.2 | 1315.7 | 1315.7 |
| 17.5° | 1329.5 | 1320.7 | 1319.5 |
| 20° | 1286.8 | 1270.5 | 1266.7 |
| 22.5° | 1206.4 | 1176.2 | 1177.5 |
| 25° | 1104.6 | 1068.2 | 1070.7 |
| 27.5° | 986.5 | 947.5 | 946.3 |
| 30° | 844.5 | 801.7 | 780.4 |
| 32.5° | 673.6 | 622.0 | 622.0 |
| 35° | 506.4 | 465.0 | 449.9 |
| 37.5° | 384.5 | 360.7 | 353.1 |
| 40° | 320.4 | 309.1 | 306.6 |
| 42.5° | 291.5 | 287.8 | 286.5 |
| 45° | 276.5 | 274.0 | 272.7 |
| 47.5° | 262.6 | 261.4 | 260.1 |
| 50° | 252.6 | 251.3 | 250.1 |
| 52.5° | 243.8 | 241.3 | 240.0 |
| 55° | 231.2 | 231.2 | 231.2 |
| 57.5° | 223.7 | 223.7 | 222.4 |
| 60° | 216.1 | 214.9 | 214.9 |
| 62.5° | 209.9 | 207.3 | 208.6 |
| 65° | 206.1 | 202.3 | 202.3 |
| 67° | 203.6 | 196.0 | 196.0 |
| 67.5° | 203.6 | 193.5 | 193.5 |
| 70° | 199.8 | 183.5 | 181.0 |
| 72.5° | 196.0 | 172.2 | 168.4 |
| 75° | 186.0 | 163.4 | 159.6 |
| 77.5° | 159.6 | 145.8 | 143.3 |
| 80° | 123.2 | 106.8 | 109.3 |
| 82.5° | 89.2 | 76.7 | 75.4 |
| 85° | 64.1 | 55.3 | 55.3 |
| 87.5° | 33.9 | 28.9 | 30.2 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)