

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: P151411

Luminaire Tested: **AVM-E03-LED-E-U-SL3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P151411
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-E03-LED-E-U-SL3-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9346.3 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

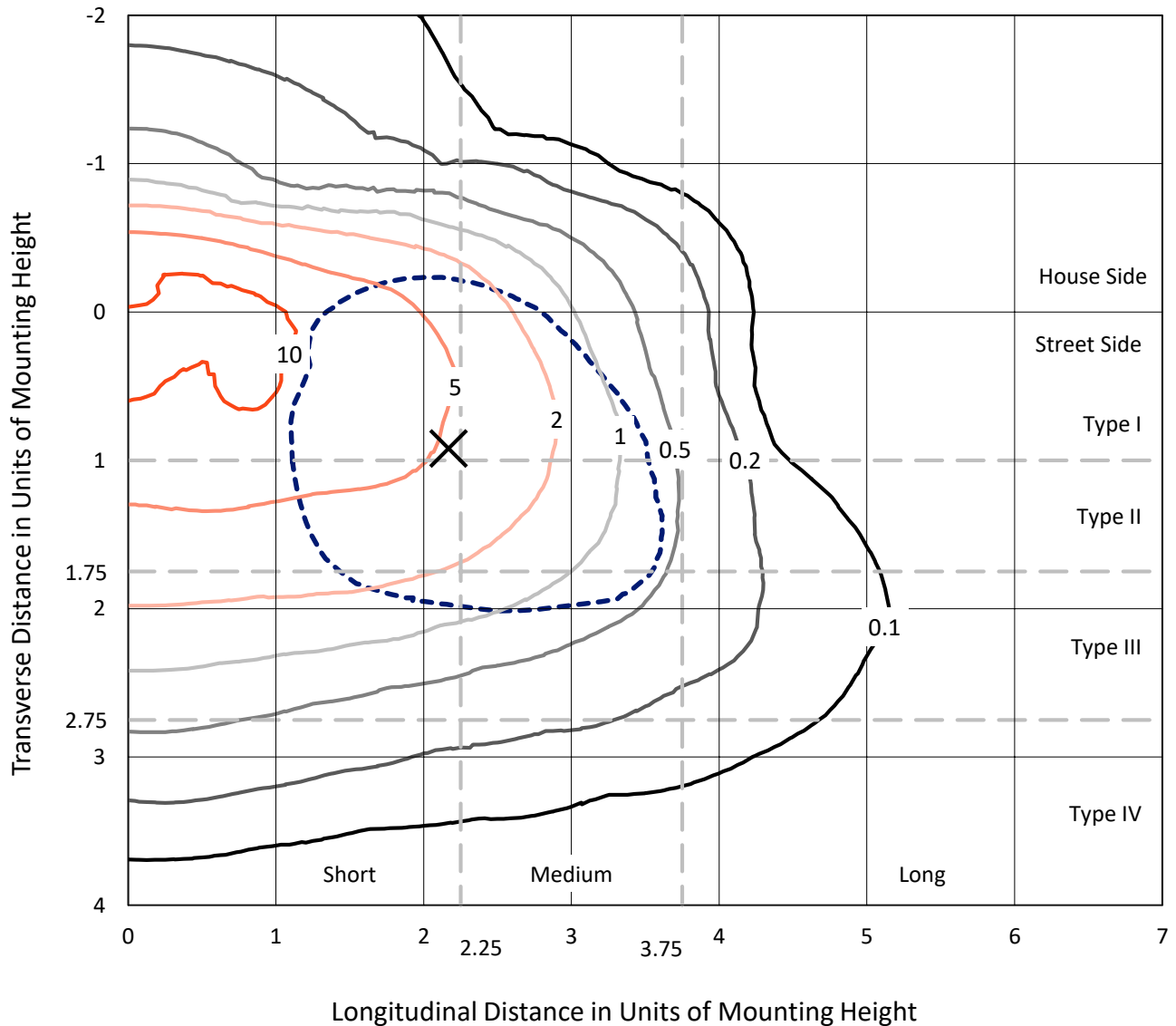
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P151411
 CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

Iso-Footcandle Lines of Horizontal Illumination

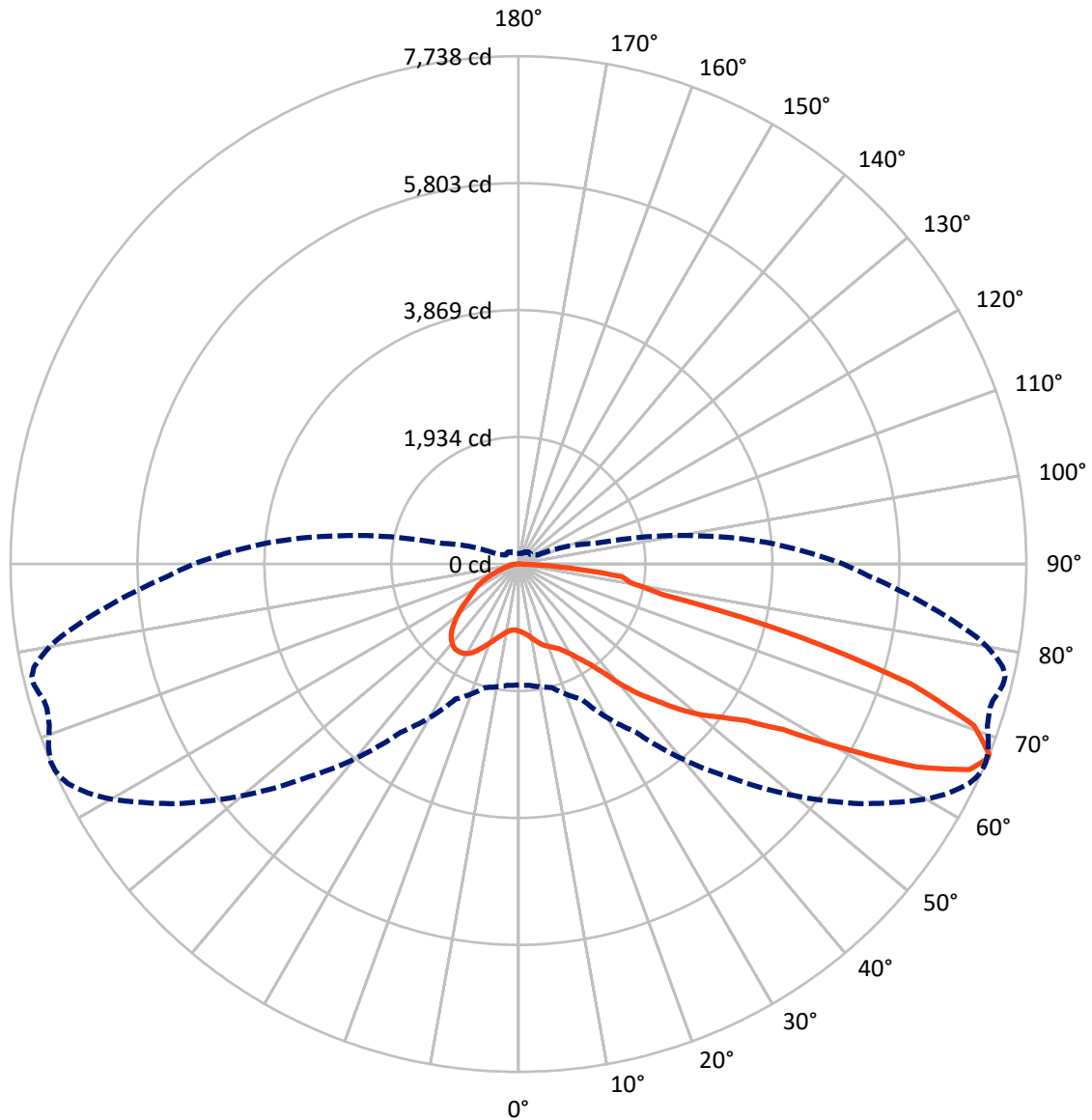
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P151411
CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

Luminous Intensity Polar Plot



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



REPORT NUMBER: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2156.8 | 0.0 | 2156.8 |
| | % Fixture | 23.1 | 0.0 | 23.1 |
| Street Side | Lumens | 7189.5 | 0.0 | 7189.5 |
| | % Fixture | 76.9 | 0.0 | 76.9 |
| Total | Lumens | 9346.3 | 0.0 | 9346.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 101.7 | 1.1 |
| 10°-20° | 348.5 | 3.7 |
| 20°-30° | 615.4 | 6.6 |
| 30°-40° | 883.4 | 9.5 |
| 40°-50° | 1341.7 | 14.4 |
| 50°-60° | 1975.4 | 21.1 |
| 60°-70° | 2625.2 | 28.1 |
| 70°-80° | 1284.3 | 13.7 |
| 80°-90° | 170.5 | 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° | 9346.3 | 100.0 |
| 0°-180° | 9346.3 | 100.0 |



REPORT NUMBER: P151411

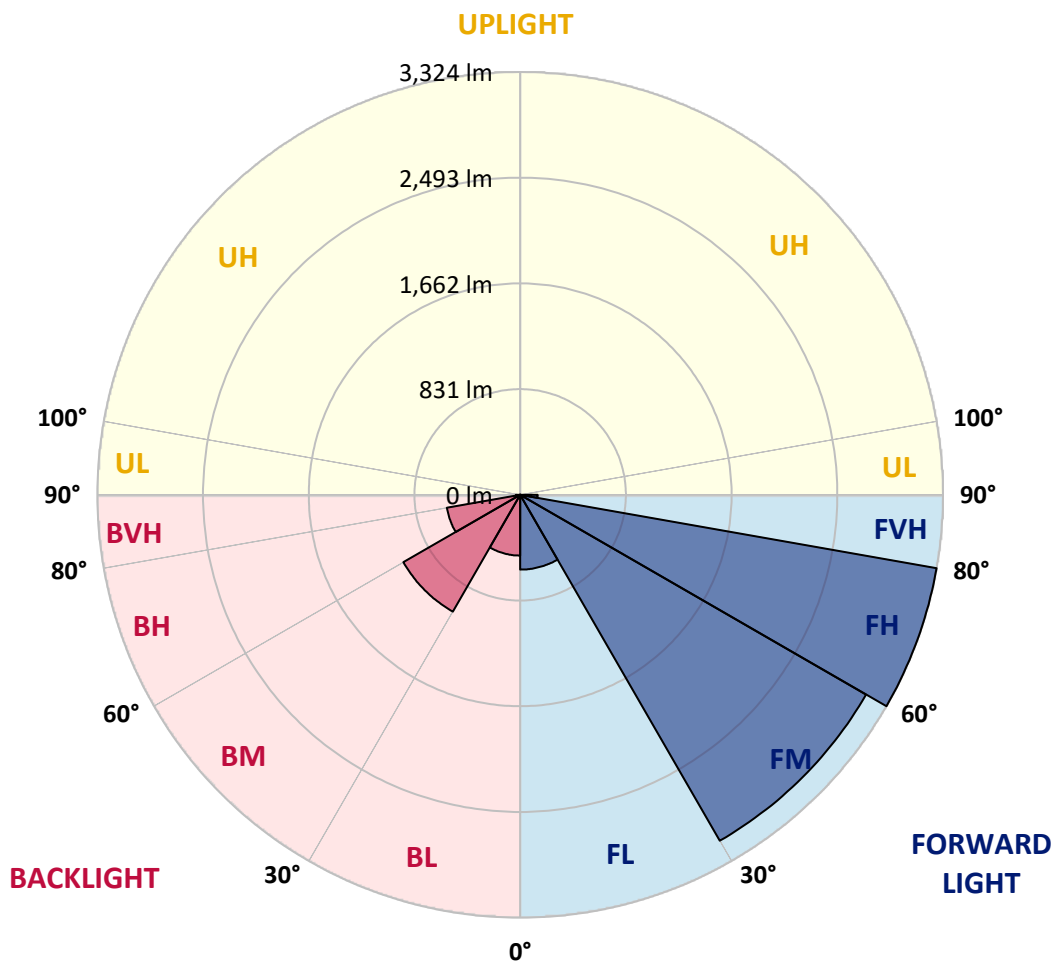
CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 588.0 | 6.3 | | | |
| FM | (30°-60°) | 3140.1 | 33.6 | | | |
| FH | (60°-80°) | 3324.4 | 35.6 | | | G2/5000 |
| FVH | (80°-90°) | 137.0 | 1.5 | | | G2/225 |
| BL | (0°-30°) | 477.7 | 5.1 | B1/500 | | |
| BM | (30°-60°) | 1060.4 | 11.3 | B2/2500 | | |
| BH | (60°-80°) | 585.2 | 6.3 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 33.6 | 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





REPORT NUMBER: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 |
| 2.5° | 1069.2 | 1070.2 | 1068.2 | 1067.1 | 1061.0 | 1054.8 | 1050.7 | 1045.6 | 1045.6 | 1045.6 | 1043.5 |
| 5° | 1129.7 | 1125.6 | 1128.7 | 1121.5 | 1109.2 | 1097.9 | 1086.6 | 1077.4 | 1075.4 | 1075.4 | 1071.3 |
| 7.5° | 1202.6 | 1197.5 | 1195.4 | 1185.2 | 1166.7 | 1150.3 | 1127.7 | 1118.5 | 1113.3 | 1111.3 | 1109.2 |
| 10° | 1290.8 | 1290.8 | 1277.5 | 1260.1 | 1235.4 | 1206.7 | 1182.1 | 1165.7 | 1164.6 | 1164.6 | 1155.4 |
| 12.5° | 1381.1 | 1383.2 | 1365.7 | 1348.3 | 1308.3 | 1270.3 | 1241.6 | 1223.1 | 1222.1 | 1218.0 | 1212.9 |
| 15° | 1464.3 | 1459.1 | 1447.8 | 1422.2 | 1378.1 | 1332.9 | 1297.0 | 1278.5 | 1274.4 | 1270.3 | 1267.2 |
| 17.5° | 1533.0 | 1527.9 | 1513.5 | 1480.7 | 1434.5 | 1381.1 | 1337.0 | 1317.5 | 1315.5 | 1313.4 | 1309.3 |
| 20° | 1576.1 | 1572.0 | 1551.5 | 1513.5 | 1465.3 | 1410.9 | 1363.7 | 1350.4 | 1346.3 | 1346.3 | 1344.2 |
| 22.5° | 1600.7 | 1594.6 | 1564.8 | 1514.5 | 1467.3 | 1427.3 | 1388.3 | 1380.1 | 1377.0 | 1378.1 | 1378.1 |
| 25° | 1613.0 | 1607.9 | 1565.8 | 1494.0 | 1448.9 | 1437.6 | 1421.2 | 1416.0 | 1417.1 | 1418.1 | 1420.1 |
| 27.5° | 1615.1 | 1607.9 | 1558.7 | 1467.3 | 1425.3 | 1457.1 | 1468.4 | 1476.6 | 1476.6 | 1480.7 | 1487.9 |
| 30° | 1599.7 | 1591.5 | 1544.3 | 1446.8 | 1415.0 | 1496.1 | 1541.2 | 1562.8 | 1571.0 | 1568.9 | 1585.3 |
| 32.5° | 1573.0 | 1567.9 | 1529.9 | 1446.8 | 1443.7 | 1573.0 | 1653.1 | 1683.8 | 1687.9 | 1690.0 | 1708.5 |
| 35° | 1563.8 | 1562.8 | 1546.3 | 1496.1 | 1533.0 | 1708.5 | 1830.6 | 1854.2 | 1859.3 | 1859.3 | 1872.6 |
| 37.5° | 1561.7 | 1566.9 | 1585.3 | 1588.4 | 1690.0 | 1909.6 | 2069.7 | 2105.6 | 2105.6 | 2115.8 | 2115.8 |
| 40° | 1561.7 | 1573.0 | 1642.8 | 1725.9 | 1881.9 | 2171.2 | 2392.9 | 2433.9 | 2433.9 | 2445.2 | 2439.1 |
| 42.5° | 1622.3 | 1638.7 | 1753.6 | 1911.6 | 2124.0 | 2441.1 | 2695.6 | 2741.8 | 2744.8 | 2741.8 | 2751.0 |
| 45° | 1741.3 | 1755.7 | 1895.2 | 2122.0 | 2373.4 | 2730.5 | 2984.9 | 3040.4 | 3029.1 | 3036.2 | 3039.3 |
| 47.5° | 1899.3 | 1921.9 | 2080.9 | 2351.8 | 2616.6 | 2998.3 | 3309.2 | 3359.5 | 3355.4 | 3358.4 | 3345.1 |
| 50° | 2067.6 | 2091.2 | 2268.7 | 2579.6 | 2858.7 | 3213.8 | 3569.8 | 3644.7 | 3637.5 | 3642.7 | 3649.9 |
| 52.5° | 2216.4 | 2230.8 | 2402.1 | 2751.0 | 3042.4 | 3414.9 | 3769.9 | 3863.3 | 3879.7 | 3881.8 | 3886.9 |
| 55° | 2304.6 | 2322.1 | 2479.1 | 2836.2 | 3175.8 | 3611.9 | 3998.7 | 4140.3 | 4172.1 | 4180.4 | 4202.9 |
| 57.5° | 2335.4 | 2353.9 | 2496.5 | 2848.5 | 3248.6 | 3796.6 | 4317.9 | 4567.2 | 4593.9 | 4638.0 | 4709.8 |
| 60° | 2334.4 | 2353.9 | 2478.0 | 2820.8 | 3322.5 | 4025.4 | 4814.5 | 5232.1 | 5367.6 | 5412.7 | 5515.3 |
| 62.5° | 2239.0 | 2261.5 | 2387.7 | 2736.6 | 3416.9 | 4317.9 | 5553.3 | 6195.6 | 6370.1 | 6452.2 | 6563.0 |
| 65° | 2029.6 | 2046.1 | 2164.1 | 2523.2 | 3390.3 | 4606.2 | 6171.0 | 6972.4 | 7131.4 | 7251.5 | 7449.5 |
| 67° | 1843.9 | 1854.2 | 1946.5 | 2270.8 | 3129.6 | 4616.4 | 6366.0 | 7165.3 | 7303.8 | 7431.1 | 7635.3 |
| 67.5° | 1796.7 | 1818.3 | 1890.1 | 2193.8 | 3032.1 | 4558.0 | 6352.6 | 7135.5 | 7277.1 | 7409.5 | 7625.0 |
| 70° | 1462.2 | 1493.0 | 1528.9 | 1733.1 | 2383.6 | 3834.6 | 5881.6 | 6620.4 | 6744.6 | 6867.7 | 7168.4 |
| 72.5° | 901.9 | 957.4 | 964.5 | 1093.8 | 1551.5 | 2650.4 | 4759.1 | 5583.0 | 5676.4 | 5764.7 | 6072.5 |
| 75° | 531.5 | 539.7 | 565.4 | 670.0 | 910.2 | 1584.3 | 3193.2 | 4147.5 | 4233.7 | 4276.8 | 4517.9 |
| 77.5° | 296.5 | 304.8 | 326.3 | 416.6 | 699.8 | 1067.1 | 1859.3 | 2437.0 | 2489.3 | 2543.7 | 2504.7 |
| 80° | 123.1 | 134.4 | 144.7 | 168.3 | 327.3 | 842.4 | 1278.5 | 1549.4 | 1583.3 | 1615.1 | 1655.1 |
| 82.5° | 59.5 | 63.6 | 78.0 | 89.3 | 119.0 | 345.8 | 1002.5 | 1343.2 | 1383.2 | 1429.4 | 1522.7 |
| 85° | 27.7 | 30.8 | 43.1 | 51.3 | 57.5 | 87.2 | 335.5 | 653.6 | 709.0 | 719.3 | 737.8 |
| 87.5° | 2.1 | 2.1 | 5.1 | 7.2 | 10.3 | 11.3 | 34.9 | 49.3 | 55.4 | 50.3 | 63.6 |
| 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: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 |
| 2.5° | 1042.5 | 1041.5 | 1039.4 | 1039.4 | 1038.4 | 1038.4 | 1038.4 | 1036.4 | 1036.4 | 1036.4 | 1035.3 |
| 5° | 1070.2 | 1069.2 | 1066.1 | 1066.1 | 1064.1 | 1064.1 | 1061.0 | 1060.0 | 1057.9 | 1057.9 | 1056.9 |
| 7.5° | 1106.1 | 1105.1 | 1101.0 | 1101.0 | 1097.9 | 1096.9 | 1094.9 | 1091.8 | 1091.8 | 1089.7 | 1087.7 |
| 10° | 1155.4 | 1152.3 | 1151.3 | 1146.2 | 1147.2 | 1145.1 | 1143.1 | 1140.0 | 1138.0 | 1135.9 | 1133.8 |
| 12.5° | 1210.8 | 1210.8 | 1205.7 | 1202.6 | 1204.6 | 1202.6 | 1198.5 | 1197.5 | 1194.4 | 1194.4 | 1191.3 |
| 15° | 1263.1 | 1263.1 | 1261.1 | 1257.0 | 1258.0 | 1254.9 | 1253.9 | 1251.8 | 1247.7 | 1248.8 | 1247.7 |
| 17.5° | 1308.3 | 1308.3 | 1305.2 | 1303.2 | 1303.2 | 1300.1 | 1301.1 | 1299.0 | 1297.0 | 1296.0 | 1292.9 |
| 20° | 1344.2 | 1344.2 | 1342.1 | 1340.1 | 1341.1 | 1341.1 | 1338.0 | 1338.0 | 1338.0 | 1336.0 | 1336.0 |
| 22.5° | 1379.1 | 1380.1 | 1380.1 | 1380.1 | 1381.1 | 1382.2 | 1381.1 | 1383.2 | 1382.2 | 1384.2 | 1384.2 |
| 25° | 1425.3 | 1428.3 | 1430.4 | 1430.4 | 1435.5 | 1436.5 | 1437.6 | 1440.7 | 1440.7 | 1443.7 | 1444.8 |
| 27.5° | 1494.0 | 1496.1 | 1504.3 | 1506.3 | 1507.3 | 1515.6 | 1516.6 | 1520.7 | 1524.8 | 1525.8 | 1526.8 |
| 30° | 1588.4 | 1593.5 | 1599.7 | 1603.8 | 1603.8 | 1614.1 | 1618.2 | 1616.1 | 1627.4 | 1630.5 | 1634.6 |
| 32.5° | 1714.6 | 1718.7 | 1724.9 | 1729.0 | 1733.1 | 1738.2 | 1739.2 | 1744.4 | 1753.6 | 1761.8 | 1756.7 |
| 35° | 1873.7 | 1883.9 | 1873.7 | 1885.0 | 1888.0 | 1895.2 | 1893.2 | 1899.3 | 1903.4 | 1906.5 | 1905.5 |
| 37.5° | 2104.5 | 2099.4 | 2097.4 | 2093.3 | 2086.1 | 2110.7 | 2098.4 | 2097.4 | 2091.2 | 2108.6 | 2097.4 |
| 40° | 2408.3 | 2411.3 | 2414.4 | 2398.0 | 2388.8 | 2388.8 | 2385.7 | 2374.4 | 2369.3 | 2384.7 | 2382.6 |
| 42.5° | 2725.3 | 2728.4 | 2714.0 | 2703.8 | 2680.2 | 2677.1 | 2662.7 | 2659.7 | 2654.5 | 2662.7 | 2654.5 |
| 45° | 3013.7 | 3015.7 | 2983.9 | 2989.0 | 2970.6 | 2973.7 | 2951.1 | 2960.3 | 2948.0 | 2956.2 | 2971.6 |
| 47.5° | 3335.9 | 3340.0 | 3312.3 | 3323.6 | 3305.1 | 3293.8 | 3292.8 | 3298.9 | 3285.6 | 3293.8 | 3297.9 |
| 50° | 3628.3 | 3623.2 | 3608.8 | 3611.9 | 3603.7 | 3605.7 | 3593.4 | 3604.7 | 3589.3 | 3605.7 | 3603.7 |
| 52.5° | 3887.9 | 3881.8 | 3878.7 | 3888.9 | 3881.8 | 3881.8 | 3874.6 | 3879.7 | 3881.8 | 3906.4 | 3911.5 |
| 55° | 4202.9 | 4208.1 | 4213.2 | 4231.7 | 4239.9 | 4226.5 | 4239.9 | 4265.5 | 4266.5 | 4325.0 | 4356.8 |
| 57.5° | 4708.8 | 4744.7 | 4763.2 | 4774.5 | 4822.7 | 4817.6 | 4848.3 | 4909.9 | 4916.1 | 5051.5 | 5130.5 |
| 60° | 5591.2 | 5654.9 | 5715.4 | 5682.6 | 5780.1 | 5809.8 | 5828.3 | 5943.2 | 5979.1 | 6107.4 | 6176.1 |
| 62.5° | 6705.6 | 6712.8 | 6807.2 | 6777.4 | 6832.8 | 6819.5 | 6842.1 | 6894.4 | 6941.6 | 7047.3 | 7111.9 |
| 65° | 7483.4 | 7517.2 | 7554.2 | 7516.2 | 7515.2 | 7470.0 | 7441.3 | 7440.3 | 7469.0 | 7491.6 | 7563.4 |
| 67° | 7694.8 | 7728.6 | 7737.9 | 7710.2 | 7670.1 | 7612.7 | 7559.3 | 7531.6 | 7513.1 | 7523.4 | 7568.6 |
| 67.5° | 7692.7 | 7724.5 | 7735.8 | 7709.1 | 7653.7 | 7605.5 | 7549.1 | 7517.2 | 7492.6 | 7497.8 | 7535.7 |
| 70° | 7255.6 | 7324.3 | 7361.3 | 7369.5 | 7362.3 | 7278.2 | 7229.9 | 7201.2 | 7180.7 | 7130.4 | 7127.3 |
| 72.5° | 6147.4 | 6230.5 | 6259.2 | 6305.4 | 6325.9 | 6201.8 | 6149.4 | 6181.3 | 6109.4 | 5950.4 | 5957.6 |
| 75° | 4513.8 | 4520.0 | 4423.5 | 4405.1 | 4336.3 | 4055.2 | 3971.0 | 3894.1 | 3770.9 | 3579.1 | 3398.5 |
| 77.5° | 2352.9 | 2351.8 | 2241.0 | 2184.6 | 2102.5 | 1933.2 | 1925.0 | 1787.5 | 1691.0 | 1515.6 | 1451.9 |
| 80° | 1671.5 | 1698.2 | 1735.1 | 1753.6 | 1724.9 | 1659.2 | 1568.9 | 1471.4 | 1359.6 | 1249.8 | 1118.5 |
| 82.5° | 1554.5 | 1571.0 | 1590.5 | 1518.6 | 1478.6 | 1386.3 | 1317.5 | 1175.9 | 1096.9 | 971.7 | 839.4 |
| 85° | 756.2 | 806.5 | 767.5 | 722.4 | 707.0 | 553.1 | 534.6 | 446.4 | 405.3 | 333.5 | 310.9 |
| 87.5° | 48.2 | 59.5 | 53.4 | 48.2 | 42.1 | 23.6 | 31.8 | 22.6 | 23.6 | 17.4 | 15.4 |
| 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: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 |
| 2.5° | 1035.3 | 1034.3 | 1033.3 | 1032.3 | 1031.2 | 1031.2 | 1030.2 | 1029.2 | 1028.2 | 1026.1 | 1026.1 |
| 5° | 1054.8 | 1054.8 | 1053.8 | 1051.8 | 1051.8 | 1049.7 | 1046.6 | 1045.6 | 1045.6 | 1043.5 | 1041.5 |
| 7.5° | 1086.6 | 1085.6 | 1083.6 | 1082.5 | 1080.5 | 1078.4 | 1076.4 | 1074.3 | 1073.3 | 1070.2 | 1069.2 |
| 10° | 1134.9 | 1132.8 | 1127.7 | 1125.6 | 1124.6 | 1122.6 | 1120.5 | 1118.5 | 1115.4 | 1113.3 | 1112.3 |
| 12.5° | 1189.3 | 1188.2 | 1184.1 | 1186.2 | 1181.0 | 1179.0 | 1176.9 | 1171.8 | 1173.9 | 1169.8 | 1167.7 |
| 15° | 1243.6 | 1244.7 | 1242.6 | 1242.6 | 1238.5 | 1235.4 | 1233.4 | 1229.3 | 1228.2 | 1226.2 | 1224.1 |
| 17.5° | 1291.9 | 1293.9 | 1290.8 | 1288.8 | 1286.7 | 1284.7 | 1280.6 | 1276.5 | 1276.5 | 1272.4 | 1270.3 |
| 20° | 1336.0 | 1338.0 | 1337.0 | 1335.0 | 1331.9 | 1330.9 | 1328.8 | 1325.7 | 1325.7 | 1323.7 | 1320.6 |
| 22.5° | 1386.3 | 1387.3 | 1387.3 | 1386.3 | 1383.2 | 1384.2 | 1382.2 | 1379.1 | 1380.1 | 1376.0 | 1376.0 |
| 25° | 1446.8 | 1448.9 | 1450.9 | 1451.9 | 1449.9 | 1450.9 | 1448.9 | 1446.8 | 1445.8 | 1446.8 | 1445.8 |
| 27.5° | 1529.9 | 1532.0 | 1538.1 | 1533.0 | 1538.1 | 1539.2 | 1536.1 | 1532.0 | 1535.1 | 1540.2 | 1537.1 |
| 30° | 1639.7 | 1637.7 | 1645.9 | 1646.9 | 1645.9 | 1646.9 | 1644.8 | 1641.8 | 1643.8 | 1653.1 | 1647.9 |
| 32.5° | 1762.8 | 1767.0 | 1769.0 | 1771.1 | 1774.1 | 1778.2 | 1775.2 | 1772.1 | 1772.1 | 1774.1 | 1781.3 |
| 35° | 1911.6 | 1920.9 | 1923.9 | 1920.9 | 1922.9 | 1930.1 | 1929.1 | 1930.1 | 1940.4 | 1930.1 | 1943.4 |
| 37.5° | 2099.4 | 2108.6 | 2115.8 | 2111.7 | 2116.9 | 2116.9 | 2125.1 | 2147.6 | 2133.3 | 2151.7 | 2166.1 |
| 40° | 2372.4 | 2386.7 | 2387.7 | 2386.7 | 2391.9 | 2398.0 | 2406.2 | 2430.8 | 2414.4 | 2433.9 | 2447.3 |
| 42.5° | 2653.5 | 2671.0 | 2677.1 | 2666.8 | 2678.1 | 2691.5 | 2692.5 | 2714.0 | 2715.1 | 2718.2 | 2725.3 |
| 45° | 2970.6 | 2986.0 | 2998.3 | 2993.1 | 2994.2 | 3011.6 | 3007.5 | 3028.0 | 3012.6 | 3012.6 | 3016.8 |
| 47.5° | 3308.2 | 3322.5 | 3330.7 | 3338.9 | 3328.7 | 3344.1 | 3351.3 | 3347.2 | 3328.7 | 3324.6 | 3300.0 |
| 50° | 3616.0 | 3628.3 | 3640.6 | 3663.2 | 3662.2 | 3669.4 | 3674.5 | 3656.0 | 3651.9 | 3629.3 | 3601.6 |
| 52.5° | 3942.3 | 3974.1 | 4001.8 | 4049.0 | 4056.2 | 4080.8 | 4071.6 | 4040.8 | 4035.7 | 3998.7 | 3961.8 |
| 55° | 4396.9 | 4488.2 | 4528.2 | 4601.1 | 4650.3 | 4649.3 | 4628.8 | 4623.6 | 4584.6 | 4510.8 | 4466.6 |
| 57.5° | 5188.0 | 5330.6 | 5399.4 | 5493.8 | 5509.2 | 5499.9 | 5473.2 | 5426.0 | 5358.3 | 5234.2 | 5154.1 |
| 60° | 6330.0 | 6418.3 | 6498.3 | 6520.9 | 6532.2 | 6514.7 | 6421.4 | 6316.7 | 6184.3 | 6013.0 | 5870.3 |
| 62.5° | 7193.0 | 7283.3 | 7342.8 | 7333.6 | 7262.8 | 7173.5 | 7037.0 | 6861.6 | 6675.8 | 6484.0 | 6270.5 |
| 65° | 7632.2 | 7670.1 | 7660.9 | 7589.1 | 7468.0 | 7312.0 | 7113.0 | 6896.5 | 6677.9 | 6451.1 | 6229.5 |
| 67° | 7608.6 | 7609.6 | 7547.0 | 7407.5 | 7252.5 | 7056.5 | 6813.3 | 6577.3 | 6320.8 | 6082.8 | 5819.0 |
| 67.5° | 7566.5 | 7562.4 | 7475.2 | 7322.3 | 7155.0 | 6952.9 | 6700.5 | 6456.3 | 6190.5 | 5950.4 | 5677.4 |
| 70° | 7090.4 | 7032.9 | 6835.9 | 6591.7 | 6358.8 | 6085.8 | 5821.1 | 5541.0 | 5241.3 | 5035.1 | 4721.1 |
| 72.5° | 5826.2 | 5632.3 | 5292.7 | 5037.2 | 4787.8 | 4430.7 | 4265.5 | 3917.7 | 3707.3 | 3576.0 | 3338.9 |
| 75° | 3373.8 | 3211.7 | 2949.0 | 2709.9 | 2588.9 | 2377.5 | 2276.9 | 2021.4 | 1968.1 | 1966.0 | 1883.9 |
| 77.5° | 1287.8 | 1123.6 | 954.3 | 768.6 | 653.6 | 519.2 | 457.6 | 409.4 | 372.5 | 398.1 | 361.2 |
| 80° | 965.6 | 794.2 | 620.8 | 451.5 | 322.2 | 238.1 | 204.2 | 188.8 | 179.6 | 172.4 | 167.3 |
| 82.5° | 719.3 | 567.4 | 440.2 | 287.3 | 201.1 | 151.9 | 131.3 | 123.1 | 119.0 | 111.8 | 105.7 |
| 85° | 243.2 | 195.0 | 153.9 | 106.7 | 84.1 | 68.7 | 63.6 | 61.6 | 58.5 | 53.4 | 50.3 |
| 87.5° | 13.3 | 12.3 | 13.3 | 10.3 | 12.3 | 10.3 | 11.3 | 11.3 | 11.3 | 10.3 | 10.3 |
| 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: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 | 1021.0 |
| 2.5° | 1025.1 | 1025.1 | 1025.1 | 1023.0 | 1019.9 | 1013.8 | 1007.6 | 1002.5 | 997.4 | 994.3 | 992.2 |
| 5° | 1040.5 | 1038.4 | 1037.4 | 1036.4 | 1029.2 | 1016.9 | 1005.6 | 995.3 | 985.1 | 976.9 | 973.8 |
| 7.5° | 1068.2 | 1064.1 | 1063.0 | 1060.0 | 1050.7 | 1032.3 | 1015.8 | 999.4 | 985.1 | 973.8 | 968.6 |
| 10° | 1110.2 | 1110.2 | 1104.1 | 1100.0 | 1089.7 | 1065.1 | 1041.5 | 1019.9 | 1000.5 | 988.1 | 985.1 |
| 12.5° | 1163.6 | 1163.6 | 1158.5 | 1155.4 | 1143.1 | 1111.3 | 1082.5 | 1056.9 | 1038.4 | 1026.1 | 1025.1 |
| 15° | 1219.0 | 1218.0 | 1213.9 | 1209.8 | 1196.4 | 1162.6 | 1133.8 | 1111.3 | 1095.9 | 1081.5 | 1077.4 |
| 17.5° | 1268.3 | 1268.3 | 1263.1 | 1259.0 | 1245.7 | 1217.0 | 1191.3 | 1174.9 | 1157.4 | 1127.7 | 1105.1 |
| 20° | 1317.5 | 1318.5 | 1314.4 | 1310.3 | 1299.0 | 1274.4 | 1263.1 | 1246.7 | 1207.7 | 1143.1 | 1089.7 |
| 22.5° | 1371.9 | 1376.0 | 1370.9 | 1366.8 | 1357.5 | 1347.3 | 1343.2 | 1304.2 | 1222.1 | 1118.5 | 1040.5 |
| 25° | 1441.7 | 1448.9 | 1442.7 | 1440.7 | 1435.5 | 1438.6 | 1426.3 | 1336.0 | 1201.6 | 1065.1 | 967.6 |
| 27.5° | 1537.1 | 1537.1 | 1538.1 | 1538.1 | 1536.1 | 1547.4 | 1502.2 | 1337.0 | 1156.4 | 996.3 | 880.4 |
| 30° | 1649.0 | 1655.1 | 1653.1 | 1653.1 | 1661.3 | 1668.4 | 1544.3 | 1314.4 | 1099.0 | 911.2 | 773.7 |
| 32.5° | 1783.4 | 1788.5 | 1790.6 | 1781.3 | 1814.2 | 1777.2 | 1559.7 | 1273.4 | 1028.2 | 805.5 | 646.4 |
| 35° | 1945.5 | 1952.7 | 1957.8 | 1958.8 | 1980.4 | 1871.6 | 1551.5 | 1212.9 | 926.6 | 673.1 | 506.9 |
| 37.5° | 2156.9 | 2171.2 | 2182.5 | 2187.7 | 2188.7 | 1951.7 | 1528.9 | 1132.8 | 794.2 | 525.4 | 377.6 |
| 40° | 2438.0 | 2453.4 | 2450.3 | 2460.6 | 2402.1 | 1998.9 | 1477.6 | 1016.9 | 630.0 | 385.8 | 291.4 |
| 42.5° | 2708.9 | 2711.0 | 2715.1 | 2705.8 | 2586.8 | 2023.5 | 1405.8 | 875.3 | 472.0 | 288.3 | 249.3 |
| 45° | 3011.6 | 2994.2 | 2974.7 | 2960.3 | 2757.1 | 2032.7 | 1307.3 | 702.9 | 333.5 | 242.2 | 230.9 |
| 47.5° | 3295.9 | 3272.3 | 3232.2 | 3191.2 | 2909.0 | 2018.3 | 1181.0 | 526.4 | 253.4 | 221.6 | 218.6 |
| 50° | 3575.0 | 3530.8 | 3474.4 | 3427.2 | 3054.7 | 1996.8 | 1041.5 | 379.7 | 221.6 | 211.4 | 208.3 |
| 52.5° | 3920.7 | 3846.9 | 3773.0 | 3711.4 | 3244.5 | 1962.9 | 894.8 | 288.3 | 208.3 | 203.2 | 199.1 |
| 55° | 4394.8 | 4292.2 | 4173.2 | 4087.0 | 3502.1 | 1911.6 | 740.8 | 244.2 | 202.1 | 198.0 | 191.9 |
| 57.5° | 5051.5 | 4897.6 | 4763.2 | 4622.6 | 3854.1 | 1859.3 | 608.5 | 226.8 | 201.1 | 195.0 | 186.8 |
| 60° | 5722.6 | 5537.9 | 5366.5 | 5165.4 | 4213.2 | 1807.0 | 516.1 | 224.7 | 204.2 | 195.0 | 182.6 |
| 62.5° | 6071.5 | 5880.6 | 5674.4 | 5470.2 | 4368.1 | 1683.8 | 452.5 | 227.8 | 211.4 | 198.0 | 182.6 |
| 65° | 5991.4 | 5758.5 | 5549.2 | 5340.9 | 4188.6 | 1450.9 | 382.7 | 231.9 | 225.7 | 210.4 | 185.7 |
| 67° | 5589.2 | 5346.0 | 5144.9 | 4945.8 | 3788.4 | 1214.9 | 328.4 | 236.0 | 241.1 | 224.7 | 191.9 |
| 67.5° | 5447.6 | 5204.4 | 5006.4 | 4812.4 | 3670.4 | 1165.7 | 315.0 | 238.1 | 244.2 | 228.8 | 193.9 |
| 70° | 4516.9 | 4338.4 | 4128.0 | 3978.2 | 2971.6 | 863.0 | 258.6 | 242.2 | 262.7 | 252.4 | 203.2 |
| 72.5° | 3250.7 | 3080.4 | 2922.3 | 2839.2 | 2188.7 | 603.4 | 217.5 | 238.1 | 274.0 | 265.8 | 207.3 |
| 75° | 1728.0 | 1717.7 | 1660.2 | 1701.3 | 1354.5 | 394.0 | 191.9 | 222.7 | 261.7 | 243.2 | 192.9 |
| 77.5° | 348.9 | 359.1 | 421.7 | 415.6 | 437.1 | 219.6 | 164.2 | 190.9 | 202.1 | 178.5 | 157.0 |
| 80° | 162.1 | 159.0 | 156.0 | 158.0 | 154.9 | 140.6 | 133.4 | 149.8 | 140.6 | 114.9 | 104.7 |
| 82.5° | 100.6 | 98.5 | 95.4 | 94.4 | 104.7 | 111.8 | 117.0 | 118.0 | 93.4 | 80.0 | 77.0 |
| 85° | 48.2 | 48.2 | 47.2 | 49.3 | 61.6 | 91.3 | 98.5 | 87.2 | 62.6 | 57.5 | 54.4 |
| 87.5° | 9.2 | 9.2 | 10.3 | 9.2 | 12.3 | 21.5 | 24.6 | 28.7 | 23.6 | 24.6 | 27.7 |
| 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: P151411

CATALOG NUMBER: AVM-E03-LED-E-U-SL3-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|--------|--------|--------|
| 0° | 1021.0 | 1021.0 | 1021.0 |
| 2.5° | 990.2 | 988.1 | 988.1 |
| 5° | 969.7 | 968.6 | 968.6 |
| 7.5° | 964.5 | 965.6 | 964.5 |
| 10° | 984.0 | 983.0 | 987.1 |
| 12.5° | 1027.1 | 1030.2 | 1029.2 |
| 15° | 1072.3 | 1074.3 | 1074.3 |
| 17.5° | 1085.6 | 1078.4 | 1077.4 |
| 20° | 1050.7 | 1037.4 | 1034.3 |
| 22.5° | 985.1 | 960.4 | 961.5 |
| 25° | 901.9 | 872.2 | 874.2 |
| 27.5° | 805.5 | 773.7 | 772.7 |
| 30° | 689.5 | 654.7 | 637.2 |
| 32.5° | 550.0 | 507.9 | 507.9 |
| 35° | 413.5 | 379.7 | 367.3 |
| 37.5° | 314.0 | 294.5 | 288.3 |
| 40° | 261.7 | 252.4 | 250.4 |
| 42.5° | 238.1 | 235.0 | 234.0 |
| 45° | 225.7 | 223.7 | 222.7 |
| 47.5° | 214.5 | 213.4 | 212.4 |
| 50° | 206.2 | 205.2 | 204.2 |
| 52.5° | 199.1 | 197.0 | 196.0 |
| 55° | 188.8 | 188.8 | 188.8 |
| 57.5° | 182.6 | 182.6 | 181.6 |
| 60° | 176.5 | 175.5 | 175.5 |
| 62.5° | 171.4 | 169.3 | 170.3 |
| 65° | 168.3 | 165.2 | 165.2 |
| 67° | 166.2 | 160.1 | 160.1 |
| 67.5° | 166.2 | 158.0 | 158.0 |
| 70° | 163.2 | 149.8 | 147.8 |
| 72.5° | 160.1 | 140.6 | 137.5 |
| 75° | 151.9 | 133.4 | 130.3 |
| 77.5° | 130.3 | 119.0 | 117.0 |
| 80° | 100.6 | 87.2 | 89.3 |
| 82.5° | 72.9 | 62.6 | 61.6 |
| 85° | 52.3 | 45.1 | 45.1 |
| 87.5° | 27.7 | 23.6 | 24.6 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)