

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: INVUE

Report Number: P180711

Luminaire Tested: **ICM-F06-LED-E1-SL3-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180711
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F06-LED-E1-SL3-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11807 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

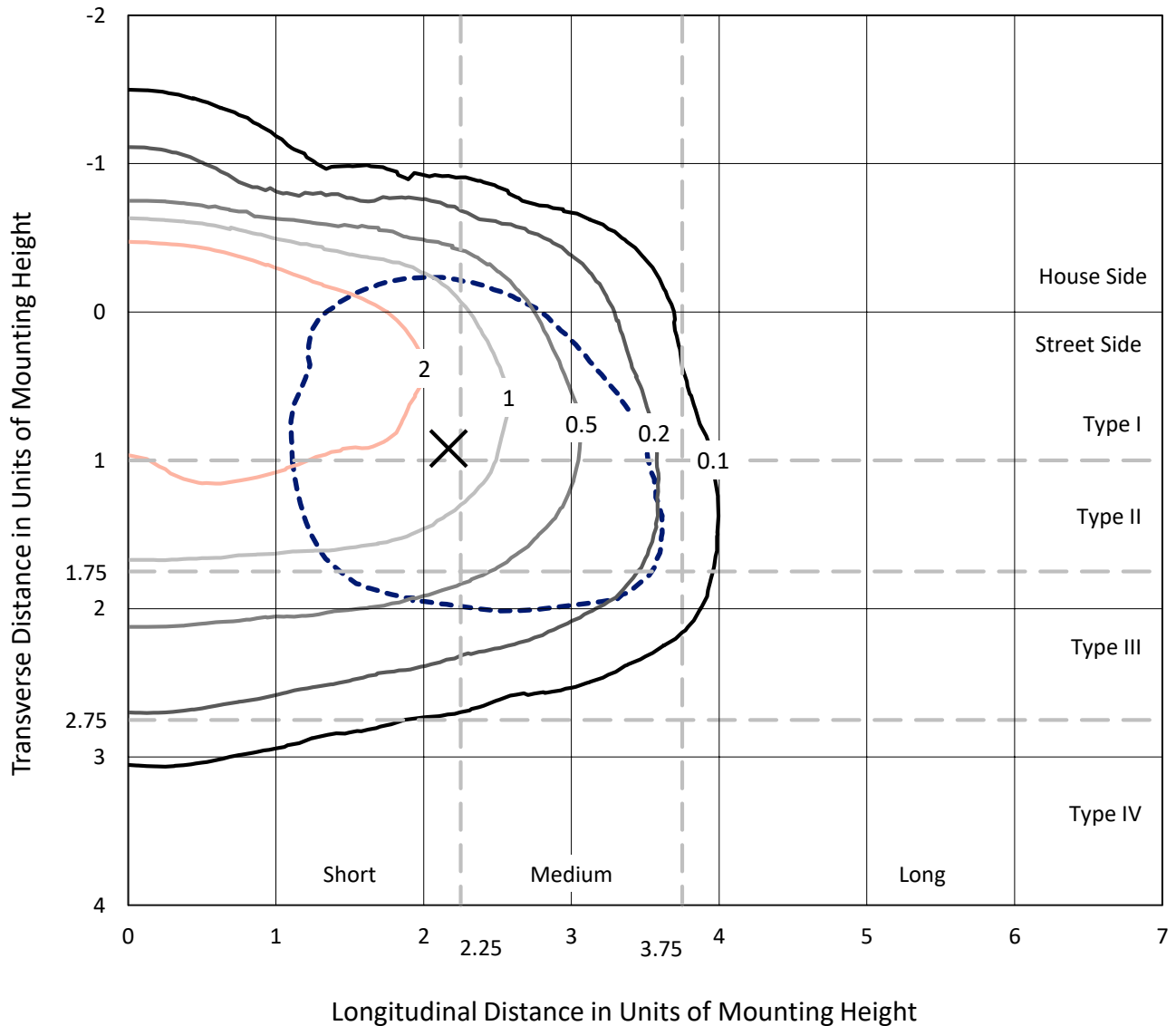
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

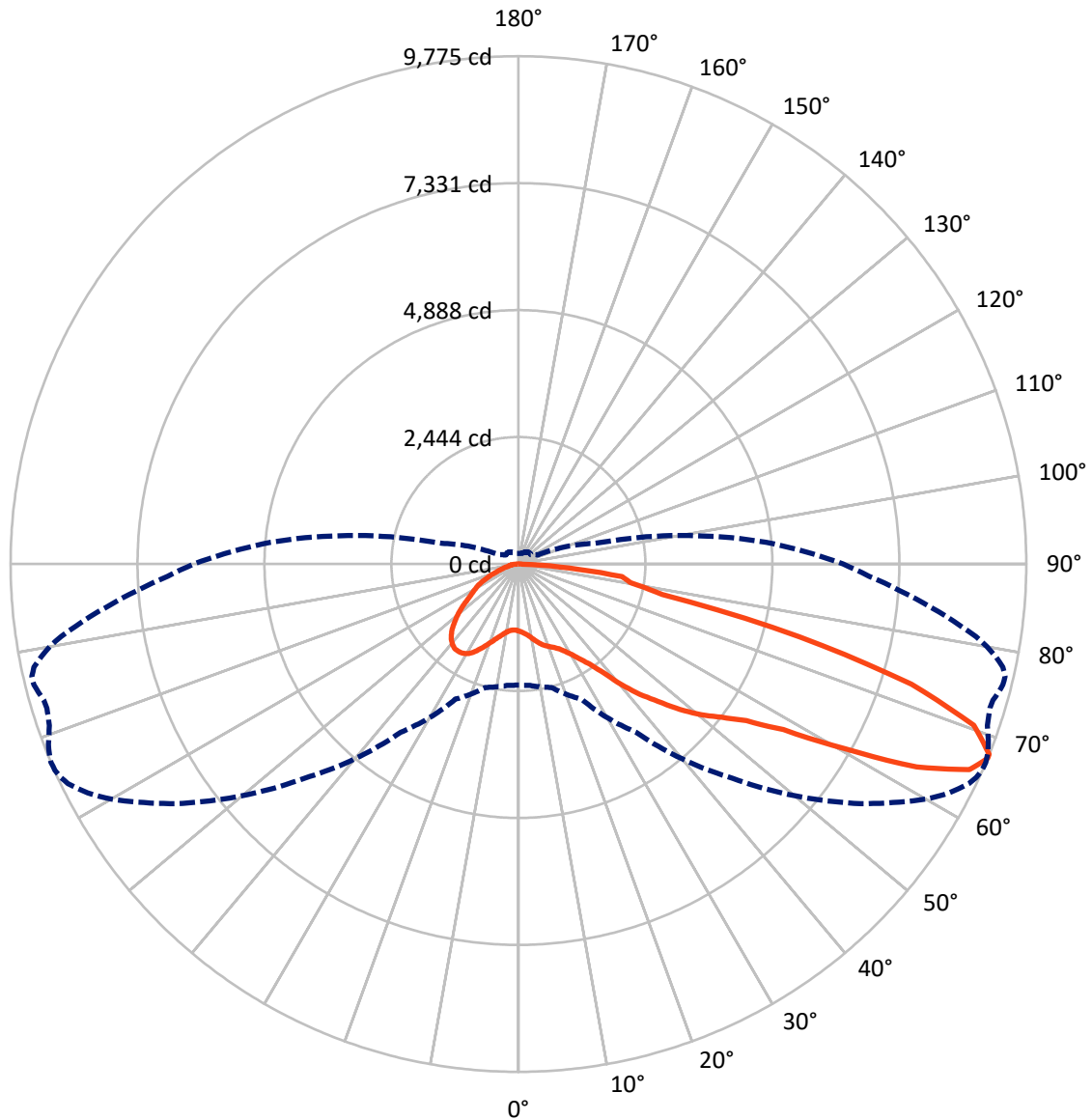
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.1 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 | 2724.6 | 0.0 | 2724.6 |
| | % Fixture | 23.1 | 0.0 | 23.1 |
| Street Side | Lumens | 9082.3 | 0.0 | 9082.3 |
| | % Fixture | 76.9 | 0.0 | 76.9 |
| Total | Lumens | 11807.0 | 0.0 | 11807.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 128.4 | 1.1 |
| 10°-20° | 440.3 | 3.7 |
| 20°-30° | 777.5 | 6.6 |
| 30°-40° | 1116.0 | 9.5 |
| 40°-50° | 1694.9 | 14.4 |
| 50°-60° | 2495.5 | 21.1 |
| 60°-70° | 3316.4 | 28.1 |
| 70°-80° | 1622.5 | 13.7 |
| 80°-90° | 215.4 | 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° | 11807.0 | 100.0 |
| 0°-180° | 11807.0 | 100.0 |



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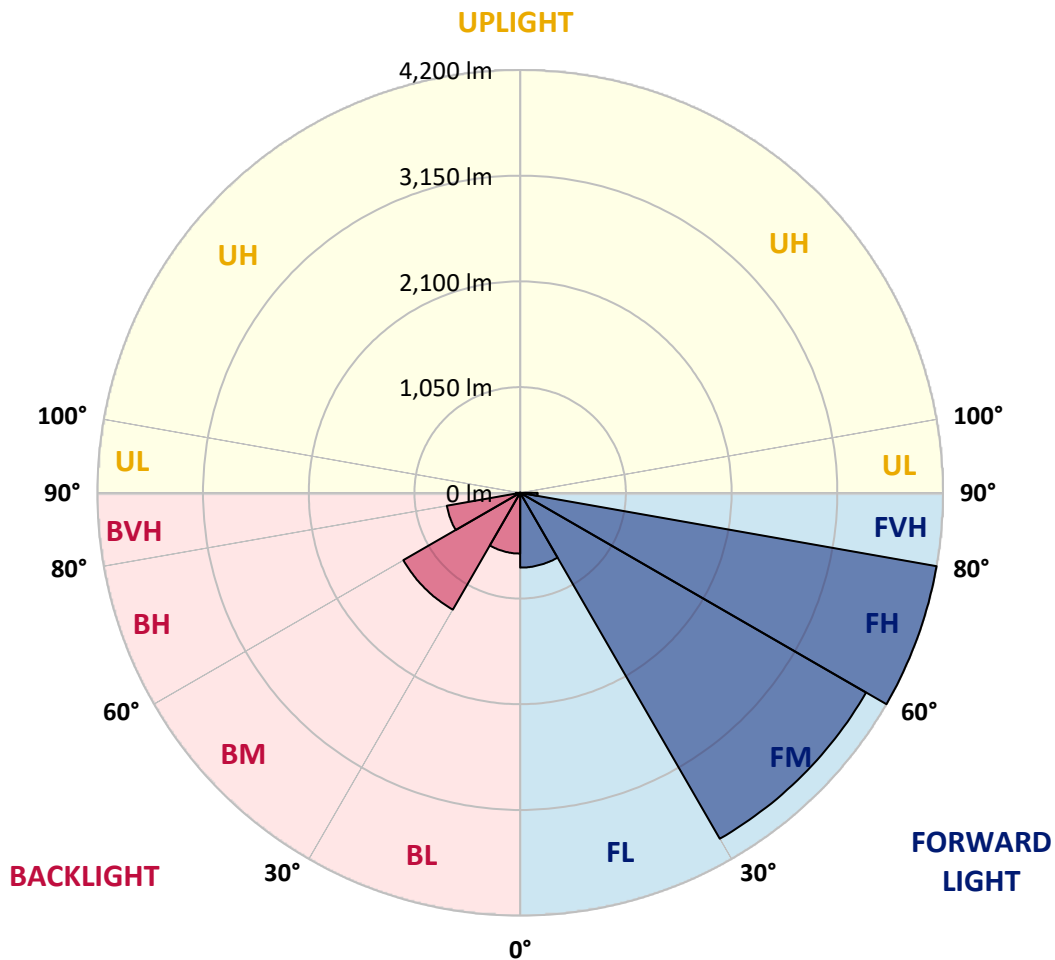
CATALOG NUMBER: ICM-F06-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 742.8 | 6.3 | | | |
| FM | (30°-60°) | 3966.9 | 33.6 | | | |
| FH | (60°-80°) | 4199.6 | 35.6 | | | G2/5000 |
| FVH | (80°-90°) | 173.0 | 1.5 | | | G2/225 |
| BL | (0°-30°) | 603.4 | 5.1 | B2/1000 | | |
| BM | (30°-60°) | 1339.5 | 11.3 | B2/2500 | | |
| BH | (60°-80°) | 739.3 | 6.3 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 42.4 | 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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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 |
| 2.5° | 1350.7 | 1352.0 | 1349.4 | 1348.1 | 1340.3 | 1332.6 | 1327.4 | 1320.8 | 1320.8 | 1320.8 | 1318.3 |
| 5° | 1427.2 | 1422.0 | 1425.9 | 1416.8 | 1401.2 | 1387.0 | 1372.8 | 1361.0 | 1358.5 | 1358.5 | 1353.3 |
| 7.5° | 1519.2 | 1512.8 | 1510.1 | 1497.2 | 1473.9 | 1453.1 | 1424.6 | 1412.9 | 1406.4 | 1403.8 | 1401.2 |
| 10° | 1630.7 | 1630.7 | 1613.9 | 1591.8 | 1560.7 | 1524.4 | 1493.3 | 1472.6 | 1471.3 | 1471.3 | 1459.5 |
| 12.5° | 1744.8 | 1747.4 | 1725.3 | 1703.3 | 1652.8 | 1604.8 | 1568.5 | 1545.1 | 1543.8 | 1538.7 | 1532.2 |
| 15° | 1849.8 | 1843.3 | 1829.0 | 1796.7 | 1740.8 | 1683.8 | 1638.4 | 1615.2 | 1610.0 | 1604.8 | 1600.8 |
| 17.5° | 1936.6 | 1930.2 | 1912.0 | 1870.5 | 1812.2 | 1744.8 | 1689.0 | 1664.4 | 1661.8 | 1659.2 | 1654.1 |
| 20° | 1991.1 | 1985.9 | 1959.9 | 1912.0 | 1851.1 | 1782.3 | 1722.7 | 1705.9 | 1700.7 | 1700.7 | 1698.1 |
| 22.5° | 2022.2 | 2014.4 | 1976.8 | 1913.3 | 1853.7 | 1803.1 | 1753.9 | 1743.5 | 1739.5 | 1740.8 | 1740.8 |
| 25° | 2037.7 | 2031.3 | 1978.1 | 1887.4 | 1830.3 | 1816.1 | 1795.4 | 1788.8 | 1790.2 | 1791.5 | 1794.1 |
| 27.5° | 2040.3 | 2031.3 | 1969.0 | 1853.7 | 1800.5 | 1840.7 | 1855.0 | 1865.3 | 1865.3 | 1870.5 | 1879.5 |
| 30° | 2020.8 | 2010.5 | 1950.9 | 1827.7 | 1787.5 | 1890.0 | 1947.0 | 1974.2 | 1984.6 | 1982.0 | 2002.7 |
| 32.5° | 1987.2 | 1980.7 | 1932.8 | 1827.7 | 1823.8 | 1987.2 | 2088.3 | 2127.2 | 2132.4 | 2134.9 | 2158.2 |
| 35° | 1975.5 | 1974.2 | 1953.5 | 1890.0 | 1936.6 | 2158.2 | 2312.6 | 2342.3 | 2348.9 | 2348.9 | 2365.7 |
| 37.5° | 1972.9 | 1979.4 | 2002.7 | 2006.6 | 2134.9 | 2412.3 | 2614.5 | 2659.9 | 2659.9 | 2672.9 | 2672.9 |
| 40° | 1972.9 | 1987.2 | 2075.3 | 2180.3 | 2377.3 | 2742.9 | 3022.9 | 3074.7 | 3074.7 | 3088.9 | 3081.2 |
| 42.5° | 2049.4 | 2070.2 | 2215.3 | 2414.9 | 2683.3 | 3083.8 | 3405.2 | 3463.6 | 3467.5 | 3463.6 | 3475.3 |
| 45° | 2199.7 | 2217.9 | 2394.2 | 2680.7 | 2998.3 | 3449.3 | 3770.8 | 3840.9 | 3826.5 | 3835.7 | 3839.6 |
| 47.5° | 2399.4 | 2427.9 | 2628.9 | 2971.0 | 3305.5 | 3787.7 | 4180.4 | 4243.9 | 4238.8 | 4242.6 | 4225.8 |
| 50° | 2611.9 | 2641.8 | 2866.1 | 3258.8 | 3611.4 | 4059.9 | 4509.7 | 4604.3 | 4595.3 | 4601.7 | 4610.8 |
| 52.5° | 2799.9 | 2818.1 | 3034.5 | 3475.3 | 3843.4 | 4314.0 | 4762.4 | 4880.4 | 4901.1 | 4903.8 | 4910.3 |
| 55° | 2911.4 | 2933.4 | 3131.7 | 3582.9 | 4011.9 | 4562.8 | 5051.6 | 5230.5 | 5270.6 | 5281.0 | 5309.5 |
| 57.5° | 2950.3 | 2973.6 | 3153.8 | 3598.4 | 4103.9 | 4796.1 | 5454.6 | 5769.6 | 5803.4 | 5859.1 | 5949.8 |
| 60° | 2948.9 | 2973.6 | 3130.4 | 3563.5 | 4197.3 | 5085.2 | 6082.1 | 6609.6 | 6780.7 | 6837.8 | 6967.4 |
| 62.5° | 2828.5 | 2856.9 | 3016.4 | 3457.1 | 4316.6 | 5454.6 | 7015.4 | 7826.8 | 8047.2 | 8150.8 | 8290.8 |
| 65° | 2564.0 | 2584.8 | 2733.8 | 3187.5 | 4282.8 | 5818.9 | 7795.7 | 8808.1 | 9009.0 | 9160.7 | 9410.8 |
| 67° | 2329.4 | 2342.3 | 2459.0 | 2868.7 | 3953.6 | 5831.8 | 8042.0 | 9051.8 | 9226.8 | 9387.5 | 9645.5 |
| 67.5° | 2269.8 | 2296.9 | 2387.7 | 2771.4 | 3830.4 | 5758.0 | 8025.2 | 9014.2 | 9193.1 | 9360.3 | 9632.5 |
| 70° | 1847.2 | 1886.1 | 1931.5 | 2189.4 | 3011.2 | 4844.1 | 7430.2 | 8363.5 | 8520.3 | 8675.9 | 9055.7 |
| 72.5° | 1139.4 | 1209.4 | 1218.5 | 1381.8 | 1959.9 | 3348.2 | 6012.0 | 7053.0 | 7170.9 | 7282.4 | 7671.3 |
| 75° | 671.4 | 681.9 | 714.2 | 846.4 | 1149.8 | 2001.4 | 4034.0 | 5239.5 | 5348.4 | 5402.8 | 5707.5 |
| 77.5° | 374.6 | 385.0 | 412.2 | 526.2 | 884.0 | 1348.1 | 2348.9 | 3078.6 | 3144.8 | 3213.4 | 3164.2 |
| 80° | 155.5 | 169.8 | 182.8 | 212.6 | 413.5 | 1064.2 | 1615.2 | 1957.3 | 2000.1 | 2040.3 | 2090.9 |
| 82.5° | 75.2 | 80.4 | 98.5 | 112.7 | 150.3 | 436.8 | 1266.4 | 1696.8 | 1747.4 | 1805.7 | 1923.6 |
| 85° | 35.0 | 38.9 | 54.4 | 64.8 | 72.6 | 110.1 | 423.9 | 825.7 | 895.7 | 908.7 | 932.0 |
| 87.5° | 2.6 | 2.6 | 6.5 | 9.1 | 12.9 | 14.2 | 44.1 | 62.2 | 70.0 | 63.5 | 80.4 |
| 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: ICM-F06-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 |
| 2.5° | 1317.0 | 1315.7 | 1313.1 | 1313.1 | 1311.8 | 1311.8 | 1311.8 | 1309.2 | 1309.2 | 1309.2 | 1307.9 |
| 5° | 1352.0 | 1350.7 | 1346.8 | 1346.8 | 1344.2 | 1344.2 | 1340.3 | 1339.1 | 1336.5 | 1336.5 | 1335.2 |
| 7.5° | 1397.4 | 1396.1 | 1390.9 | 1390.9 | 1387.0 | 1385.7 | 1383.1 | 1379.3 | 1379.3 | 1376.7 | 1374.1 |
| 10° | 1459.5 | 1455.7 | 1454.4 | 1447.9 | 1449.2 | 1446.6 | 1444.0 | 1440.1 | 1437.6 | 1435.0 | 1432.4 |
| 12.5° | 1529.6 | 1529.6 | 1523.1 | 1519.2 | 1521.8 | 1519.2 | 1514.1 | 1512.8 | 1508.8 | 1508.8 | 1504.9 |
| 15° | 1595.7 | 1595.7 | 1593.1 | 1587.9 | 1589.2 | 1585.3 | 1584.0 | 1581.4 | 1576.3 | 1577.6 | 1576.3 |
| 17.5° | 1652.8 | 1652.8 | 1648.8 | 1646.2 | 1646.2 | 1642.3 | 1643.6 | 1641.0 | 1638.4 | 1637.2 | 1633.3 |
| 20° | 1698.1 | 1698.1 | 1695.5 | 1692.9 | 1694.2 | 1694.2 | 1690.3 | 1690.3 | 1690.3 | 1687.7 | 1687.7 |
| 22.5° | 1742.2 | 1743.5 | 1743.5 | 1743.5 | 1744.8 | 1746.1 | 1744.8 | 1747.4 | 1746.1 | 1748.7 | 1748.7 |
| 25° | 1800.5 | 1804.4 | 1807.0 | 1807.0 | 1813.5 | 1814.8 | 1816.1 | 1819.9 | 1819.9 | 1823.8 | 1825.1 |
| 27.5° | 1887.4 | 1890.0 | 1900.3 | 1902.9 | 1904.2 | 1914.6 | 1915.9 | 1921.0 | 1926.2 | 1927.5 | 1928.8 |
| 30° | 2006.6 | 2013.1 | 2020.8 | 2026.1 | 2026.1 | 2039.0 | 2044.2 | 2041.6 | 2055.8 | 2059.7 | 2064.9 |
| 32.5° | 2166.1 | 2171.3 | 2179.0 | 2184.2 | 2189.4 | 2195.8 | 2197.1 | 2203.6 | 2215.3 | 2225.7 | 2219.2 |
| 35° | 2367.0 | 2379.9 | 2367.0 | 2381.2 | 2385.1 | 2394.2 | 2391.6 | 2399.4 | 2404.6 | 2408.5 | 2407.2 |
| 37.5° | 2658.6 | 2652.1 | 2649.6 | 2644.4 | 2635.3 | 2666.4 | 2650.8 | 2649.6 | 2641.8 | 2663.8 | 2649.6 |
| 40° | 3042.3 | 3046.3 | 3050.1 | 3029.3 | 3017.7 | 3017.7 | 3013.8 | 2999.6 | 2993.0 | 3012.5 | 3009.9 |
| 42.5° | 3442.9 | 3446.7 | 3428.6 | 3415.6 | 3385.8 | 3382.0 | 3363.8 | 3359.9 | 3353.4 | 3363.8 | 3353.4 |
| 45° | 3807.1 | 3809.7 | 3769.5 | 3776.0 | 3752.7 | 3756.6 | 3728.0 | 3739.7 | 3724.1 | 3734.5 | 3754.0 |
| 47.5° | 4214.2 | 4219.3 | 4184.3 | 4198.6 | 4175.3 | 4161.0 | 4159.7 | 4167.5 | 4150.6 | 4161.0 | 4166.2 |
| 50° | 4583.6 | 4577.1 | 4558.9 | 4562.8 | 4552.5 | 4555.1 | 4539.5 | 4553.8 | 4534.4 | 4555.1 | 4552.5 |
| 52.5° | 4911.6 | 4903.8 | 4899.8 | 4912.9 | 4903.8 | 4903.8 | 4894.6 | 4901.1 | 4903.8 | 4934.8 | 4941.3 |
| 55° | 5309.5 | 5315.9 | 5322.5 | 5345.8 | 5356.1 | 5339.3 | 5356.1 | 5388.6 | 5389.9 | 5463.8 | 5503.9 |
| 57.5° | 5948.5 | 5993.9 | 6017.2 | 6031.5 | 6092.4 | 6085.9 | 6124.9 | 6202.6 | 6210.4 | 6381.5 | 6481.3 |
| 60° | 7063.3 | 7143.7 | 7220.1 | 7178.6 | 7301.8 | 7339.4 | 7362.7 | 7508.0 | 7553.3 | 7715.3 | 7802.2 |
| 62.5° | 8471.0 | 8480.1 | 8599.4 | 8561.8 | 8631.8 | 8614.9 | 8643.5 | 8709.5 | 8769.2 | 8902.8 | 8984.3 |
| 65° | 9453.6 | 9496.4 | 9543.0 | 9495.1 | 9493.8 | 9436.8 | 9400.5 | 9399.2 | 9435.5 | 9464.0 | 9554.8 |
| 67° | 9720.6 | 9763.4 | 9775.1 | 9740.1 | 9689.5 | 9617.0 | 9549.5 | 9514.6 | 9491.2 | 9504.2 | 9561.2 |
| 67.5° | 9718.1 | 9758.3 | 9772.5 | 9738.8 | 9668.8 | 9607.9 | 9536.6 | 9496.4 | 9465.3 | 9471.8 | 9519.8 |
| 70° | 9165.8 | 9252.7 | 9299.4 | 9309.7 | 9300.7 | 9194.4 | 9133.5 | 9097.2 | 9071.2 | 9007.7 | 9003.9 |
| 72.5° | 7765.9 | 7870.9 | 7907.2 | 7965.5 | 7991.4 | 7834.6 | 7768.5 | 7808.7 | 7717.9 | 7517.0 | 7526.1 |
| 75° | 5702.3 | 5710.0 | 5588.2 | 5564.9 | 5478.0 | 5122.8 | 5016.5 | 4919.3 | 4763.8 | 4521.3 | 4293.2 |
| 77.5° | 2972.3 | 2971.0 | 2831.0 | 2759.7 | 2656.0 | 2442.2 | 2431.8 | 2258.1 | 2136.2 | 1914.6 | 1834.2 |
| 80° | 2111.6 | 2145.3 | 2192.0 | 2215.3 | 2179.0 | 2096.0 | 1982.0 | 1858.8 | 1717.5 | 1578.8 | 1412.9 |
| 82.5° | 1963.8 | 1984.6 | 2009.2 | 1918.4 | 1867.9 | 1751.3 | 1664.4 | 1485.5 | 1385.7 | 1227.5 | 1060.4 |
| 85° | 955.4 | 1018.9 | 969.6 | 912.6 | 893.1 | 698.7 | 675.4 | 563.9 | 512.0 | 421.3 | 392.7 |
| 87.5° | 60.9 | 75.2 | 67.4 | 60.9 | 53.1 | 29.8 | 40.2 | 28.6 | 29.8 | 22.0 | 19.4 |
| 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° | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 |
| 2.5° | 1307.9 | 1306.6 | 1305.3 | 1304.0 | 1302.7 | 1302.7 | 1301.4 | 1300.2 | 1298.9 | 1296.3 | 1296.3 |
| 5° | 1332.6 | 1332.6 | 1331.3 | 1328.7 | 1328.7 | 1326.1 | 1322.1 | 1320.8 | 1320.8 | 1318.3 | 1315.7 |
| 7.5° | 1372.8 | 1371.5 | 1368.8 | 1367.5 | 1364.9 | 1362.3 | 1359.8 | 1357.2 | 1355.9 | 1352.0 | 1350.7 |
| 10° | 1433.7 | 1431.1 | 1424.6 | 1422.0 | 1420.7 | 1418.1 | 1415.5 | 1412.9 | 1409.0 | 1406.4 | 1405.1 |
| 12.5° | 1502.3 | 1501.0 | 1495.9 | 1498.5 | 1492.0 | 1489.4 | 1486.8 | 1480.3 | 1482.9 | 1477.8 | 1475.2 |
| 15° | 1571.1 | 1572.4 | 1569.8 | 1569.8 | 1564.6 | 1560.7 | 1558.1 | 1552.9 | 1551.6 | 1549.0 | 1546.4 |
| 17.5° | 1632.0 | 1634.6 | 1630.7 | 1628.1 | 1625.5 | 1622.9 | 1617.8 | 1612.6 | 1612.6 | 1607.4 | 1604.8 |
| 20° | 1687.7 | 1690.3 | 1689.0 | 1686.4 | 1682.5 | 1681.2 | 1678.6 | 1674.8 | 1674.8 | 1672.2 | 1668.3 |
| 22.5° | 1751.3 | 1752.6 | 1752.6 | 1751.3 | 1747.4 | 1748.7 | 1746.1 | 1742.2 | 1743.5 | 1738.2 | 1738.2 |
| 25° | 1827.7 | 1830.3 | 1832.9 | 1834.2 | 1831.6 | 1832.9 | 1830.3 | 1827.7 | 1826.4 | 1827.7 | 1826.4 |
| 27.5° | 1932.8 | 1935.4 | 1943.1 | 1936.6 | 1943.1 | 1944.4 | 1940.5 | 1935.4 | 1939.2 | 1945.7 | 1941.8 |
| 30° | 2071.5 | 2068.8 | 2079.2 | 2080.5 | 2079.2 | 2080.5 | 2077.9 | 2074.1 | 2076.6 | 2088.3 | 2081.8 |
| 32.5° | 2227.0 | 2232.2 | 2234.7 | 2237.3 | 2241.2 | 2246.4 | 2242.5 | 2238.6 | 2245.1 | 2241.2 | 2250.3 |
| 35° | 2414.9 | 2426.6 | 2430.5 | 2426.6 | 2429.2 | 2438.2 | 2436.9 | 2438.2 | 2451.3 | 2438.2 | 2455.1 |
| 37.5° | 2652.1 | 2663.8 | 2672.9 | 2667.7 | 2674.2 | 2674.2 | 2684.6 | 2713.0 | 2694.9 | 2718.2 | 2736.4 |
| 40° | 2996.9 | 3015.1 | 3016.4 | 3015.1 | 3021.6 | 3029.3 | 3039.7 | 3070.8 | 3050.1 | 3074.7 | 3091.6 |
| 42.5° | 3352.1 | 3374.2 | 3382.0 | 3369.0 | 3383.3 | 3400.1 | 3401.4 | 3428.6 | 3429.9 | 3433.8 | 3442.9 |
| 45° | 3752.7 | 3772.1 | 3787.7 | 3781.2 | 3782.4 | 3804.5 | 3799.4 | 3825.2 | 3805.8 | 3805.8 | 3811.0 |
| 47.5° | 4179.2 | 4197.3 | 4207.7 | 4218.1 | 4205.0 | 4224.5 | 4233.6 | 4228.4 | 4205.0 | 4199.8 | 4168.8 |
| 50° | 4568.0 | 4583.6 | 4599.1 | 4627.7 | 4626.4 | 4635.5 | 4641.9 | 4618.5 | 4613.4 | 4584.9 | 4549.9 |
| 52.5° | 4980.2 | 5020.4 | 5055.4 | 5115.0 | 5124.1 | 5155.2 | 5143.6 | 5104.7 | 5098.2 | 5051.6 | 5004.9 |
| 55° | 5554.5 | 5669.8 | 5720.4 | 5812.4 | 5874.6 | 5873.3 | 5847.4 | 5841.0 | 5791.7 | 5698.4 | 5642.6 |
| 57.5° | 6553.9 | 6734.1 | 6820.9 | 6940.1 | 6959.6 | 6947.9 | 6914.3 | 6854.6 | 6769.1 | 6612.2 | 6511.1 |
| 60° | 7996.6 | 8108.1 | 8209.3 | 8237.7 | 8252.0 | 8229.9 | 8112.0 | 7979.8 | 7812.6 | 7596.0 | 7415.9 |
| 62.5° | 9086.8 | 9200.9 | 9276.1 | 9264.3 | 9174.9 | 9062.2 | 8889.7 | 8668.1 | 8433.4 | 8191.0 | 7921.4 |
| 65° | 9641.5 | 9689.5 | 9677.9 | 9587.1 | 9434.2 | 9237.2 | 8985.6 | 8712.1 | 8436.1 | 8149.6 | 7869.6 |
| 67° | 9611.8 | 9613.1 | 9534.0 | 9357.7 | 9162.0 | 8914.4 | 8607.1 | 8309.0 | 7985.0 | 7684.2 | 7351.1 |
| 67.5° | 9558.7 | 9553.5 | 9443.2 | 9250.1 | 9038.8 | 8783.5 | 8464.6 | 8156.0 | 7820.3 | 7517.0 | 7172.2 |
| 70° | 8957.2 | 8884.6 | 8635.7 | 8327.2 | 8032.9 | 7688.1 | 7353.7 | 6999.8 | 6621.3 | 6360.8 | 5964.1 |
| 72.5° | 7360.1 | 7115.2 | 6686.1 | 6363.3 | 6048.3 | 5597.2 | 5388.6 | 4949.1 | 4683.4 | 4517.4 | 4218.1 |
| 75° | 4262.1 | 4057.3 | 3725.4 | 3423.5 | 3270.4 | 3003.5 | 2876.4 | 2553.6 | 2486.2 | 2483.6 | 2379.9 |
| 77.5° | 1626.8 | 1419.5 | 1205.5 | 970.9 | 825.7 | 655.9 | 578.1 | 517.2 | 470.5 | 503.0 | 456.3 |
| 80° | 1219.8 | 1003.3 | 784.3 | 570.3 | 407.0 | 300.7 | 258.0 | 238.5 | 226.9 | 217.8 | 211.3 |
| 82.5° | 908.7 | 716.8 | 556.1 | 363.0 | 254.0 | 191.8 | 166.0 | 155.5 | 150.3 | 141.3 | 133.5 |
| 85° | 307.3 | 246.3 | 194.4 | 134.8 | 106.3 | 86.9 | 80.4 | 77.8 | 73.9 | 67.4 | 63.5 |
| 87.5° | 16.8 | 15.5 | 16.8 | 12.9 | 15.5 | 12.9 | 14.2 | 14.2 | 14.2 | 12.9 | 12.9 |
| 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: P180711

CATALOG NUMBER: ICM-F06-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 | 1289.8 |
| 2.5° | 1295.0 | 1295.0 | 1295.0 | 1292.4 | 1288.5 | 1280.7 | 1272.9 | 1266.4 | 1260.0 | 1256.1 | 1253.5 |
| 5° | 1314.4 | 1311.8 | 1310.5 | 1309.2 | 1300.2 | 1284.6 | 1270.3 | 1257.4 | 1244.4 | 1234.1 | 1230.1 |
| 7.5° | 1349.4 | 1344.2 | 1342.9 | 1339.1 | 1327.4 | 1304.0 | 1283.3 | 1262.5 | 1244.4 | 1230.1 | 1223.6 |
| 10° | 1402.5 | 1402.5 | 1394.8 | 1389.6 | 1376.7 | 1345.5 | 1315.7 | 1288.5 | 1263.8 | 1248.3 | 1244.4 |
| 12.5° | 1470.0 | 1470.0 | 1463.5 | 1459.5 | 1444.0 | 1403.8 | 1367.5 | 1335.2 | 1311.8 | 1296.3 | 1295.0 |
| 15° | 1539.9 | 1538.7 | 1533.5 | 1528.3 | 1511.5 | 1468.7 | 1432.4 | 1403.8 | 1384.4 | 1366.2 | 1361.0 |
| 17.5° | 1602.1 | 1602.1 | 1595.7 | 1590.5 | 1573.7 | 1537.4 | 1504.9 | 1484.2 | 1462.1 | 1424.6 | 1396.1 |
| 20° | 1664.4 | 1665.7 | 1660.5 | 1655.4 | 1641.0 | 1610.0 | 1595.7 | 1575.0 | 1525.7 | 1444.0 | 1376.7 |
| 22.5° | 1733.1 | 1738.2 | 1731.8 | 1726.6 | 1715.0 | 1702.0 | 1696.8 | 1647.5 | 1543.8 | 1412.9 | 1314.4 |
| 25° | 1821.2 | 1830.3 | 1822.5 | 1819.9 | 1813.5 | 1817.3 | 1801.8 | 1687.7 | 1518.0 | 1345.5 | 1222.3 |
| 27.5° | 1941.8 | 1941.8 | 1943.1 | 1943.1 | 1940.5 | 1954.8 | 1897.7 | 1689.0 | 1460.8 | 1258.7 | 1112.2 |
| 30° | 2083.1 | 2090.9 | 2088.3 | 2088.3 | 2098.6 | 2107.7 | 1950.9 | 1660.5 | 1388.3 | 1151.1 | 977.4 |
| 32.5° | 2252.9 | 2259.4 | 2262.0 | 2250.3 | 2291.8 | 2245.1 | 1970.3 | 1608.7 | 1298.9 | 1017.6 | 816.7 |
| 35° | 2457.7 | 2466.8 | 2473.2 | 2474.5 | 2501.8 | 2364.4 | 1959.9 | 1532.2 | 1170.5 | 850.3 | 640.4 |
| 37.5° | 2724.8 | 2742.9 | 2757.1 | 2763.6 | 2764.9 | 2465.5 | 1931.5 | 1431.1 | 1003.3 | 663.7 | 477.0 |
| 40° | 3079.9 | 3099.4 | 3095.5 | 3108.4 | 3034.5 | 2525.1 | 1866.6 | 1284.6 | 795.9 | 487.4 | 368.1 |
| 42.5° | 3422.2 | 3424.8 | 3429.9 | 3418.3 | 3267.8 | 2556.2 | 1775.9 | 1105.7 | 596.3 | 364.3 | 315.0 |
| 45° | 3804.5 | 3782.4 | 3757.9 | 3739.7 | 3483.1 | 2567.9 | 1651.5 | 887.9 | 421.3 | 306.0 | 291.6 |
| 47.5° | 4163.6 | 4133.8 | 4083.2 | 4031.4 | 3674.9 | 2549.8 | 1492.0 | 665.0 | 320.2 | 280.0 | 276.1 |
| 50° | 4516.2 | 4460.4 | 4389.1 | 4329.5 | 3859.0 | 2522.5 | 1315.7 | 479.6 | 280.0 | 267.1 | 263.2 |
| 52.5° | 4953.1 | 4859.7 | 4766.4 | 4688.6 | 4098.8 | 2479.7 | 1130.3 | 364.3 | 263.2 | 256.7 | 251.4 |
| 55° | 5551.8 | 5422.3 | 5271.8 | 5163.0 | 4424.1 | 2414.9 | 935.9 | 308.5 | 255.4 | 250.1 | 242.4 |
| 57.5° | 6381.5 | 6187.0 | 6017.2 | 5839.7 | 4868.8 | 2348.9 | 768.7 | 286.5 | 254.0 | 246.3 | 235.9 |
| 60° | 7229.3 | 6995.9 | 6779.5 | 6525.3 | 5322.5 | 2282.7 | 652.0 | 283.9 | 258.0 | 246.3 | 230.7 |
| 62.5° | 7670.0 | 7428.9 | 7168.3 | 6910.4 | 5518.2 | 2127.2 | 571.6 | 287.8 | 267.1 | 250.1 | 230.7 |
| 65° | 7568.9 | 7274.6 | 7010.2 | 6747.0 | 5291.3 | 1832.9 | 483.5 | 292.9 | 285.2 | 265.8 | 234.6 |
| 67° | 7060.7 | 6753.5 | 6499.5 | 6247.9 | 4785.8 | 1534.8 | 414.8 | 298.1 | 304.7 | 283.9 | 242.4 |
| 67.5° | 6881.8 | 6574.6 | 6324.4 | 6079.5 | 4636.7 | 1472.6 | 398.0 | 300.7 | 308.5 | 289.0 | 245.0 |
| 70° | 5706.2 | 5480.6 | 5214.8 | 5025.6 | 3754.0 | 1090.1 | 326.7 | 306.0 | 331.8 | 318.9 | 256.7 |
| 72.5° | 4106.5 | 3891.4 | 3691.7 | 3586.7 | 2764.9 | 762.2 | 274.8 | 300.7 | 346.1 | 335.7 | 261.9 |
| 75° | 2182.9 | 2170.0 | 2097.3 | 2149.2 | 1711.1 | 497.8 | 242.4 | 281.3 | 330.5 | 307.3 | 243.7 |
| 77.5° | 440.7 | 453.7 | 532.7 | 525.0 | 552.2 | 277.4 | 207.4 | 241.1 | 255.4 | 225.6 | 198.3 |
| 80° | 204.8 | 200.9 | 197.0 | 199.6 | 195.7 | 177.6 | 168.6 | 189.2 | 177.6 | 145.2 | 132.2 |
| 82.5° | 127.1 | 124.5 | 120.6 | 119.3 | 132.2 | 141.3 | 147.8 | 149.0 | 118.0 | 101.1 | 97.2 |
| 85° | 60.9 | 60.9 | 59.6 | 62.2 | 77.8 | 115.3 | 124.5 | 110.1 | 79.1 | 72.6 | 68.7 |
| 87.5° | 11.6 | 11.6 | 12.9 | 11.6 | 15.5 | 27.3 | 31.1 | 36.3 | 29.8 | 31.1 | 35.0 |
| 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: ICM-F06-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|--------|--------|--------|
| 0° | 1289.8 | 1289.8 | 1289.8 |
| 2.5° | 1250.9 | 1248.3 | 1248.3 |
| 5° | 1224.9 | 1223.6 | 1223.6 |
| 7.5° | 1218.5 | 1219.8 | 1218.5 |
| 10° | 1243.1 | 1241.8 | 1247.0 |
| 12.5° | 1297.6 | 1301.4 | 1300.2 |
| 15° | 1354.6 | 1357.2 | 1357.2 |
| 17.5° | 1371.5 | 1362.3 | 1361.0 |
| 20° | 1327.4 | 1310.5 | 1306.6 |
| 22.5° | 1244.4 | 1213.3 | 1214.6 |
| 25° | 1139.4 | 1101.9 | 1104.4 |
| 27.5° | 1017.6 | 977.4 | 976.1 |
| 30° | 871.1 | 827.0 | 804.9 |
| 32.5° | 694.8 | 641.7 | 641.7 |
| 35° | 522.4 | 479.6 | 464.1 |
| 37.5° | 396.7 | 372.0 | 364.3 |
| 40° | 330.5 | 318.9 | 316.3 |
| 42.5° | 300.7 | 296.8 | 295.5 |
| 45° | 285.2 | 282.6 | 281.3 |
| 47.5° | 270.9 | 269.6 | 268.3 |
| 50° | 260.6 | 259.3 | 258.0 |
| 52.5° | 251.4 | 248.8 | 247.6 |
| 55° | 238.5 | 238.5 | 238.5 |
| 57.5° | 230.7 | 230.7 | 229.4 |
| 60° | 223.0 | 221.7 | 221.7 |
| 62.5° | 216.5 | 213.9 | 215.2 |
| 65° | 212.6 | 208.7 | 208.7 |
| 67° | 210.0 | 202.2 | 202.2 |
| 67.5° | 210.0 | 199.6 | 199.6 |
| 70° | 206.1 | 189.2 | 186.7 |
| 72.5° | 202.2 | 177.6 | 173.7 |
| 75° | 191.8 | 168.6 | 164.7 |
| 77.5° | 164.7 | 150.3 | 147.8 |
| 80° | 127.1 | 110.1 | 112.7 |
| 82.5° | 92.0 | 79.1 | 77.8 |
| 85° | 66.1 | 57.0 | 57.0 |
| 87.5° | 35.0 | 29.8 | 31.1 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)