

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: P181368

Luminaire Tested: **ICM-E06-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181368
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E06-LED-E1-T3-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8311 lumens
Efficiency: N/A
Efficacy: 55.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

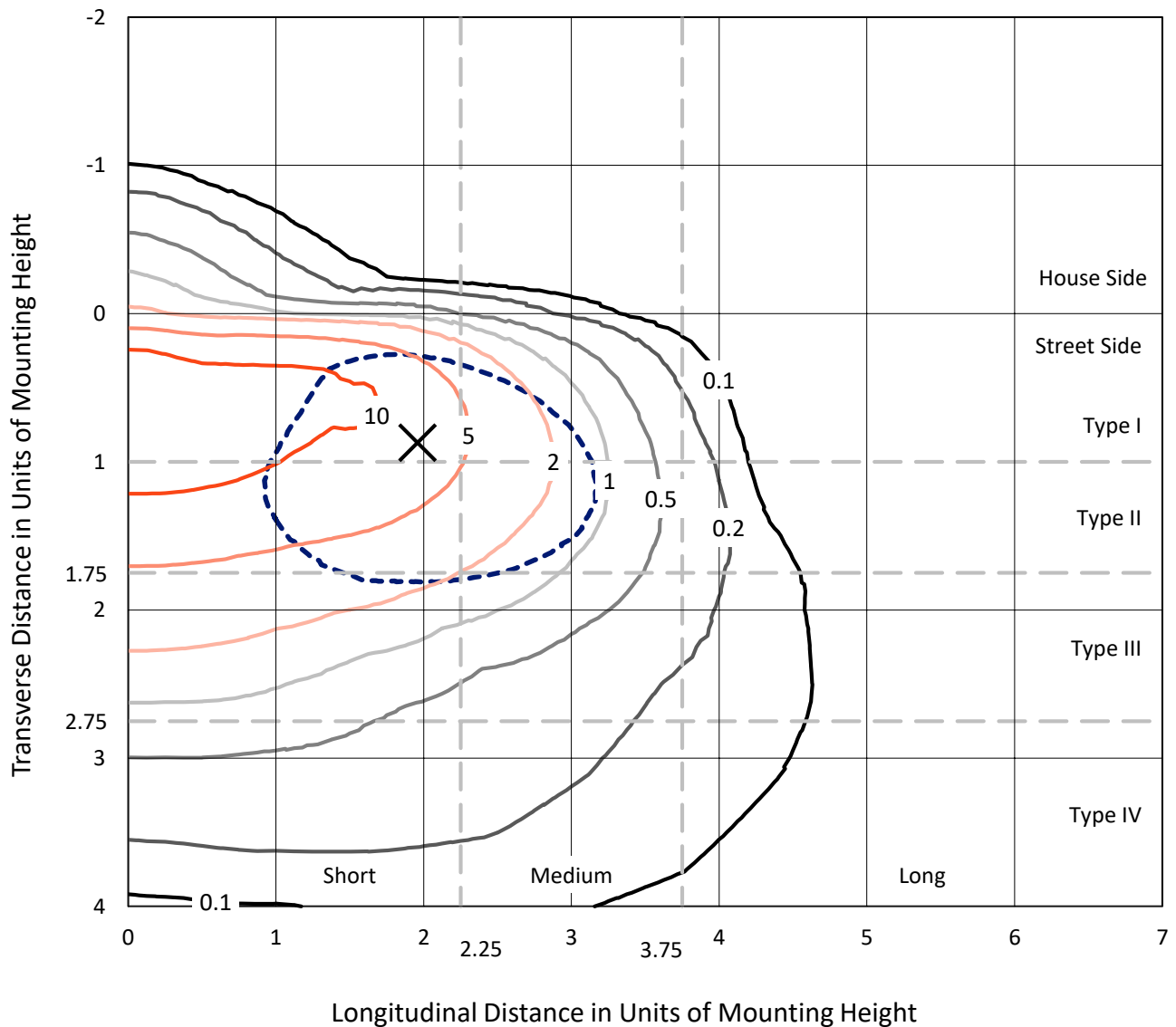
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

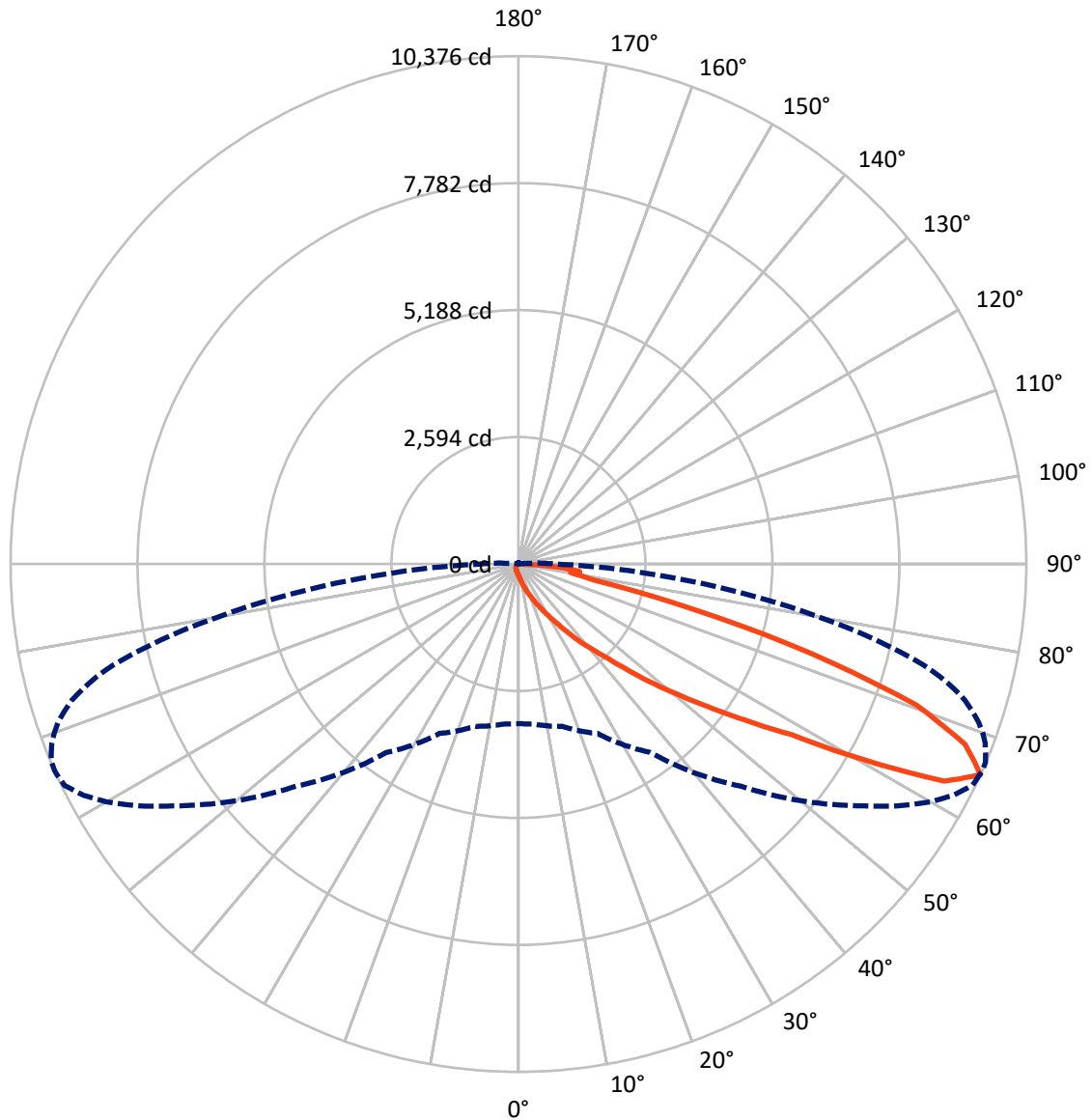
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.1 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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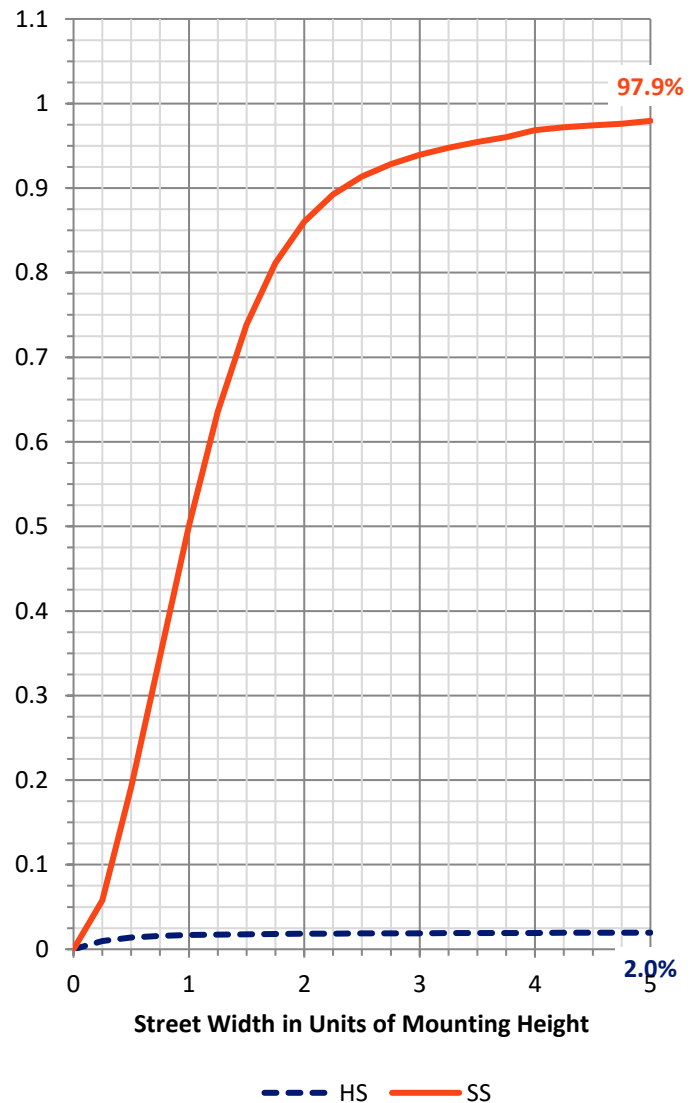
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 166.9 | 0.0 | 166.9 |
| | % Fixture | 2.0 | 0.0 | 2.0 |
| Street Side | Lumens | 8144.2 | 0.0 | 8144.2 |
| | % Fixture | 98.0 | 0.0 | 98.0 |
| Total | Lumens | 8311.0 | 0.0 | 8311.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.3 | 0.3 |
| 10°-20° | 135.1 | 1.6 |
| 20°-30° | 308.7 | 3.7 |
| 30°-40° | 587.3 | 7.1 |
| 40°-50° | 1178.8 | 14.2 |
| 50°-60° | 2085.8 | 25.1 |
| 60°-70° | 2725.3 | 32.8 |
| 70°-80° | 1120.5 | 13.5 |
| 80°-90° | 141.2 | 1.7 |
| 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° | 8311.0 | 100.0 |
| 0°-180° | 8311.0 | 100.0 |



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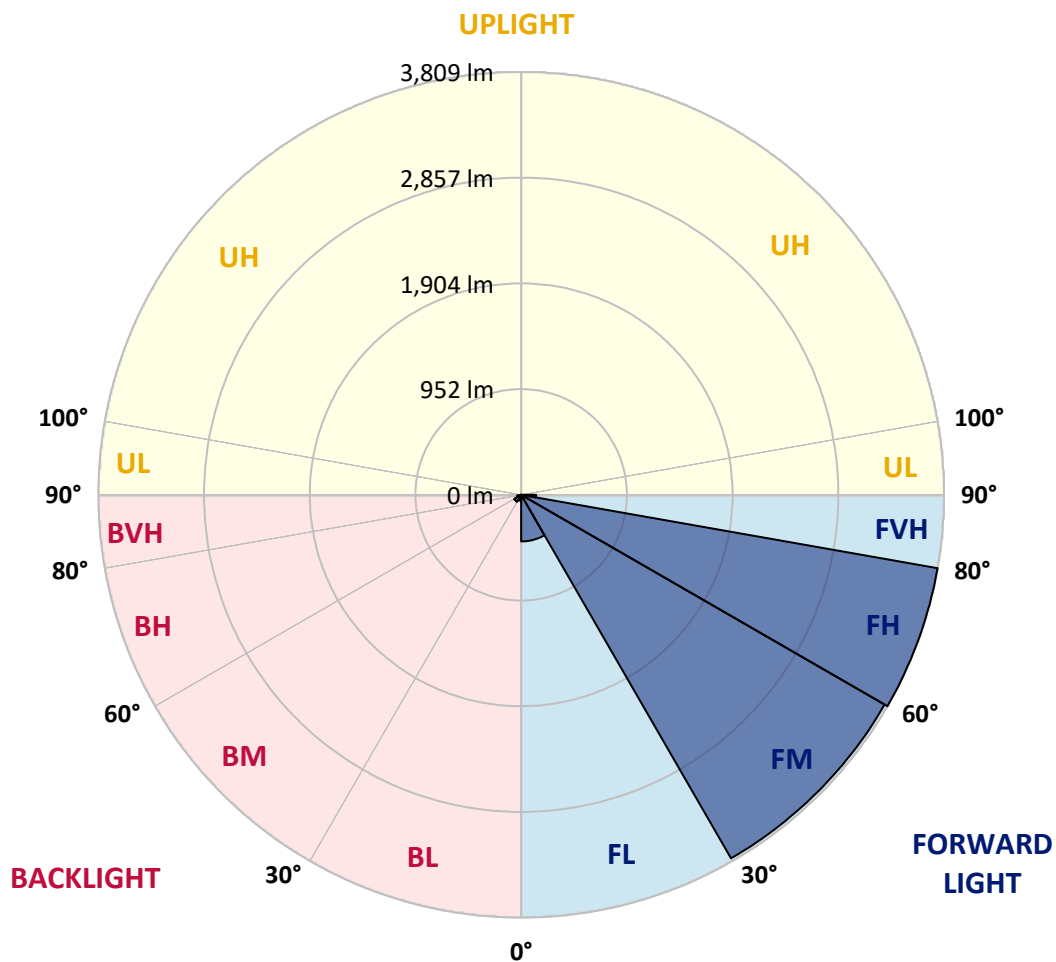
CATALOG NUMBER: ICM-E06-LED-E1-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 419.9 | 5.1 | | | |
| FM | (30°-60°) | 3780.5 | 45.5 | | | |
| FH | (60°-80°) | 3808.9 | 45.8 | | | G2/5000 |
| FVH | (80°-90°) | 134.8 | 1.6 | | | G2/225 |
| BL | (0°-30°) | 52.2 | 0.6 | B0/110 | | |
| BM | (30°-60°) | 71.4 | 0.9 | B0/220 | | |
| BH | (60°-80°) | 36.9 | 0.4 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 6.3 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 |
| 2.5° | 305.9 | 300.7 | 302.5 | 292.3 | 285.5 | 277.0 | 270.1 | 268.5 | 266.8 | 263.4 | 265.1 |
| 5° | 440.1 | 435.0 | 423.1 | 402.7 | 384.0 | 355.2 | 326.2 | 324.6 | 319.4 | 314.3 | 311.0 |
| 7.5° | 611.7 | 603.3 | 589.7 | 555.6 | 509.8 | 458.8 | 401.0 | 395.9 | 389.1 | 382.3 | 375.5 |
| 10° | 810.5 | 805.5 | 780.0 | 740.8 | 671.2 | 587.9 | 491.1 | 486.0 | 470.7 | 462.2 | 455.4 |
| 12.5° | 1019.5 | 997.5 | 987.3 | 919.3 | 839.4 | 725.6 | 601.6 | 582.9 | 571.0 | 559.1 | 542.0 |
| 15° | 1177.6 | 1181.0 | 1157.2 | 1102.8 | 1009.4 | 876.8 | 722.1 | 701.8 | 684.8 | 662.7 | 642.3 |
| 17.5° | 1320.3 | 1313.5 | 1288.0 | 1254.1 | 1165.7 | 1031.4 | 851.4 | 824.1 | 796.9 | 785.0 | 756.2 |
| 20° | 1435.9 | 1432.5 | 1412.1 | 1379.8 | 1311.8 | 1182.7 | 987.3 | 965.2 | 934.6 | 914.2 | 882.0 |
| 22.5° | 1527.6 | 1527.6 | 1515.7 | 1497.0 | 1430.8 | 1327.2 | 1131.7 | 1107.9 | 1077.3 | 1051.8 | 1016.2 |
| 25° | 1600.8 | 1599.0 | 1600.8 | 1592.2 | 1548.0 | 1452.8 | 1279.5 | 1252.4 | 1226.9 | 1196.3 | 1162.3 |
| 27.5° | 1684.0 | 1687.4 | 1684.0 | 1678.9 | 1660.2 | 1583.7 | 1429.1 | 1410.4 | 1381.5 | 1349.2 | 1315.3 |
| 30° | 1813.1 | 1802.9 | 1801.2 | 1797.8 | 1775.7 | 1728.2 | 1583.7 | 1561.6 | 1539.5 | 1517.4 | 1493.7 |
| 32.5° | 1949.0 | 1932.1 | 1927.0 | 1927.0 | 1911.6 | 1869.2 | 1762.2 | 1750.2 | 1718.0 | 1700.9 | 1680.6 |
| 35° | 2103.7 | 2096.9 | 2090.1 | 2091.8 | 2085.0 | 2040.8 | 1952.5 | 1955.8 | 1945.7 | 1911.6 | 1891.3 |
| 37.5° | 2329.7 | 2331.4 | 2319.5 | 2297.4 | 2297.4 | 2258.3 | 2207.4 | 2200.6 | 2175.1 | 2166.5 | 2154.7 |
| 40° | 2652.6 | 2644.0 | 2633.9 | 2601.6 | 2589.7 | 2523.5 | 2475.8 | 2458.8 | 2438.4 | 2436.8 | 2423.2 |
| 42.5° | 3026.4 | 3016.2 | 3016.2 | 2992.4 | 2968.6 | 2888.8 | 2798.7 | 2786.8 | 2764.7 | 2771.5 | 2766.4 |
| 45° | 3373.0 | 3381.5 | 3393.4 | 3410.4 | 3413.8 | 3379.8 | 3249.0 | 3233.7 | 3221.8 | 3215.0 | 3209.9 |
| 47.5° | 3672.1 | 3687.4 | 3726.5 | 3799.6 | 3893.0 | 3905.0 | 3801.2 | 3760.5 | 3752.0 | 3740.1 | 3729.9 |
| 50° | 3886.3 | 3908.3 | 3996.7 | 4139.4 | 4321.2 | 4433.4 | 4377.3 | 4343.3 | 4341.6 | 4309.3 | 4306.0 |
| 52.5° | 4008.6 | 4032.4 | 4176.8 | 4392.6 | 4674.7 | 4893.9 | 4963.6 | 4961.9 | 4958.4 | 4929.6 | 4917.7 |
| 55° | 4035.7 | 4061.2 | 4234.5 | 4528.6 | 4931.3 | 5310.2 | 5577.0 | 5583.8 | 5599.1 | 5590.5 | 5590.5 |
| 57.5° | 3961.0 | 3993.2 | 4181.9 | 4545.5 | 5065.5 | 5639.8 | 6222.7 | 6261.8 | 6280.5 | 6346.7 | 6423.2 |
| 60° | 3823.4 | 3847.2 | 4035.7 | 4441.9 | 5089.3 | 5940.6 | 7062.2 | 7186.2 | 7283.0 | 7413.9 | 7537.9 |
| 62.5° | 3568.5 | 3616.0 | 3796.1 | 4238.0 | 5017.9 | 6287.3 | 8064.7 | 8294.1 | 8482.7 | 8681.5 | 8921.2 |
| 65° | 3259.2 | 3279.6 | 3432.5 | 3818.3 | 4698.4 | 6419.9 | 8618.7 | 8843.0 | 9084.2 | 9296.7 | 9510.8 |
| 67.5° | 2871.7 | 2888.8 | 3021.3 | 3186.2 | 3877.7 | 5799.6 | 8073.3 | 8321.4 | 8538.8 | 8713.8 | 8994.2 |
| 70° | 1881.1 | 1918.4 | 2243.0 | 2406.2 | 2710.3 | 4287.3 | 6601.6 | 6841.3 | 7007.8 | 7126.7 | 7451.3 |
| 72.5° | 1378.1 | 1401.9 | 1532.8 | 1869.2 | 1943.9 | 2533.6 | 4645.8 | 4905.8 | 4966.9 | 5191.3 | 5342.5 |
| 75° | 841.1 | 900.7 | 1196.3 | 1600.8 | 1894.7 | 1735.0 | 2783.4 | 2909.1 | 3050.2 | 3213.3 | 3357.8 |
| 77.5° | 170.0 | 193.7 | 390.8 | 1102.8 | 1667.0 | 1853.9 | 1661.9 | 1685.7 | 1755.4 | 1770.6 | 1825.0 |
| 80° | 27.2 | 28.9 | 51.0 | 475.8 | 965.2 | 1498.8 | 1661.9 | 1639.8 | 1600.8 | 1573.5 | 1546.3 |
| 82.5° | 11.9 | 13.6 | 22.0 | 120.7 | 205.6 | 499.5 | 1437.6 | 1549.8 | 1678.9 | 1750.2 | 1768.9 |
| 85° | 5.1 | 5.1 | 8.5 | 23.8 | 30.6 | 34.0 | 243.0 | 321.1 | 572.7 | 761.3 | 876.8 |
| 87.5° | 3.4 | 3.4 | 5.1 | 5.1 | 6.8 | 8.5 | 11.9 | 11.9 | 13.6 | 15.3 | 22.0 |
| 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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CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° |
|-------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 |
| 2.5° | 265.1 | 263.4 | 263.4 | 258.3 | 258.3 | 256.6 | 256.6 | 254.9 | 254.9 | 251.5 | 253.2 |
| 5° | 309.3 | 305.9 | 302.5 | 297.4 | 295.6 | 292.3 | 288.8 | 283.8 | 282.0 | 278.7 | 277.0 |
| 7.5° | 368.7 | 365.3 | 358.5 | 348.4 | 341.6 | 334.8 | 328.0 | 321.1 | 316.1 | 311.0 | 307.5 |
| 10° | 441.8 | 431.6 | 428.2 | 407.8 | 399.4 | 385.8 | 377.2 | 370.4 | 360.3 | 351.7 | 346.6 |
| 12.5° | 530.1 | 521.7 | 504.7 | 477.5 | 463.9 | 452.0 | 436.7 | 423.1 | 412.9 | 397.6 | 387.4 |
| 15° | 622.0 | 615.2 | 591.4 | 560.7 | 543.7 | 521.7 | 506.4 | 492.7 | 470.7 | 460.5 | 441.8 |
| 17.5° | 737.5 | 717.1 | 693.3 | 649.1 | 627.1 | 608.4 | 581.1 | 560.7 | 547.2 | 516.6 | 499.5 |
| 20° | 856.5 | 834.3 | 803.7 | 754.5 | 723.9 | 695.0 | 672.9 | 645.7 | 616.8 | 596.5 | 567.5 |
| 22.5° | 992.4 | 956.7 | 932.9 | 871.7 | 836.0 | 805.5 | 768.1 | 739.2 | 710.3 | 678.1 | 645.7 |
| 25° | 1136.8 | 1101.1 | 1072.2 | 1002.6 | 965.2 | 934.6 | 890.4 | 849.7 | 814.0 | 778.2 | 740.8 |
| 27.5° | 1288.0 | 1255.7 | 1223.4 | 1152.1 | 1119.8 | 1077.3 | 1036.6 | 988.9 | 943.1 | 910.8 | 859.8 |
| 30° | 1463.1 | 1435.9 | 1400.2 | 1323.7 | 1288.0 | 1243.8 | 1201.4 | 1145.3 | 1101.1 | 1056.9 | 1007.6 |
| 32.5° | 1651.7 | 1629.6 | 1592.2 | 1524.3 | 1481.8 | 1444.4 | 1398.5 | 1344.1 | 1281.2 | 1235.4 | 1177.6 |
| 35° | 1881.1 | 1843.7 | 1821.6 | 1757.0 | 1724.8 | 1684.0 | 1636.4 | 1588.8 | 1522.5 | 1458.0 | 1408.7 |
| 37.5° | 2142.8 | 2125.8 | 2096.9 | 2035.7 | 2011.9 | 1969.4 | 1938.9 | 1891.3 | 1840.3 | 1758.7 | 1706.1 |
| 40° | 2411.3 | 2399.4 | 2373.9 | 2312.7 | 2288.9 | 2260.0 | 2224.4 | 2178.4 | 2117.3 | 2074.8 | 1996.7 |
| 42.5° | 2752.9 | 2734.2 | 2713.7 | 2655.9 | 2610.1 | 2574.4 | 2559.1 | 2520.0 | 2455.5 | 2401.0 | 2339.9 |
| 45° | 3186.2 | 3177.6 | 3150.4 | 3092.7 | 3046.8 | 3023.0 | 2999.2 | 2932.9 | 2890.4 | 2836.1 | 2793.6 |
| 47.5° | 3709.5 | 3682.3 | 3668.7 | 3604.1 | 3588.9 | 3570.2 | 3509.0 | 3471.6 | 3410.4 | 3367.9 | 3315.3 |
| 50° | 4275.4 | 4246.4 | 4248.2 | 4170.0 | 4173.4 | 4159.8 | 4113.9 | 4069.7 | 4017.0 | 3979.7 | 3947.4 |
| 52.5° | 4883.7 | 4897.3 | 4863.3 | 4887.1 | 4859.9 | 4829.3 | 4820.8 | 4766.4 | 4720.6 | 4718.8 | 4674.7 |
| 55° | 5631.4 | 5609.2 | 5617.8 | 5641.5 | 5604.2 | 5638.2 | 5621.2 | 5551.5 | 5553.2 | 5566.8 | 5515.8 |
| 57.5° | 6435.1 | 6467.4 | 6537.1 | 6552.4 | 6617.0 | 6572.8 | 6688.3 | 6605.1 | 6656.0 | 6656.0 | 6622.1 |
| 60° | 7614.4 | 7743.6 | 7911.8 | 8042.7 | 8163.3 | 8124.2 | 8275.4 | 8180.2 | 8248.2 | 8190.5 | 8161.5 |
| 62.5° | 9035.0 | 9206.7 | 9405.5 | 9617.8 | 9740.2 | 9770.8 | 9748.7 | 9791.1 | 9724.9 | 9682.4 | 9572.0 |
| 65° | 9718.1 | 9888.1 | 10061.4 | 10316.2 | 10350.2 | 10375.7 | 10365.6 | 10294.2 | 10212.6 | 10092.0 | 9947.5 |
| 67.5° | 9150.6 | 9388.4 | 9485.3 | 9779.3 | 9877.8 | 9842.2 | 9854.0 | 9762.3 | 9634.8 | 9515.9 | 9303.5 |
| 70° | 7587.2 | 7859.1 | 7910.1 | 8331.5 | 8448.8 | 8618.7 | 8557.5 | 8530.3 | 8390.9 | 8290.7 | 8056.2 |
| 72.5° | 5524.3 | 5736.7 | 5719.8 | 6193.8 | 6173.4 | 6243.1 | 6407.9 | 6401.2 | 6255.0 | 6222.7 | 6025.6 |
| 75° | 3400.2 | 3527.6 | 3520.9 | 3857.3 | 3716.3 | 3695.9 | 3741.8 | 3721.4 | 3583.7 | 3441.0 | 3318.6 |
| 77.5° | 1801.2 | 1859.0 | 1797.8 | 1697.6 | 1687.4 | 1573.5 | 1541.2 | 1539.5 | 1434.1 | 1305.0 | 1209.9 |
| 80° | 1517.4 | 1458.0 | 1386.6 | 1240.5 | 1155.5 | 1079.1 | 1007.6 | 941.4 | 870.1 | 774.9 | 659.4 |
| 82.5° | 1772.3 | 1743.5 | 1692.5 | 1508.9 | 1420.6 | 1267.6 | 1153.8 | 1046.7 | 915.9 | 817.3 | 669.5 |
| 85° | 863.3 | 861.5 | 902.3 | 883.6 | 851.4 | 844.6 | 732.4 | 708.6 | 655.9 | 601.6 | 503.0 |
| 87.5° | 23.8 | 17.0 | 20.4 | 17.0 | 20.4 | 22.0 | 15.3 | 35.7 | 22.0 | 20.4 | 23.8 |
| 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):

| | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 |
| 2.5° | 251.5 | 249.8 | 248.1 | 248.1 | 246.4 | 246.4 | 244.7 | 243.0 | 243.0 | 241.3 | 241.3 |
| 5° | 273.6 | 270.1 | 268.5 | 266.8 | 263.4 | 261.7 | 258.3 | 256.6 | 253.2 | 251.5 | 248.1 |
| 7.5° | 300.7 | 297.4 | 290.6 | 287.2 | 282.0 | 280.4 | 271.9 | 268.5 | 265.1 | 261.7 | 256.6 |
| 10° | 334.8 | 326.2 | 319.4 | 312.7 | 304.2 | 297.4 | 290.6 | 285.5 | 278.7 | 270.1 | 266.8 |
| 12.5° | 377.2 | 365.3 | 355.2 | 343.3 | 333.0 | 322.9 | 311.0 | 302.5 | 292.3 | 283.8 | 275.3 |
| 15° | 424.8 | 407.8 | 394.2 | 377.2 | 360.3 | 348.4 | 336.5 | 324.6 | 311.0 | 299.1 | 288.8 |
| 17.5° | 479.2 | 457.1 | 438.4 | 418.0 | 399.4 | 382.3 | 362.0 | 346.6 | 331.4 | 314.3 | 300.7 |
| 20° | 536.9 | 514.9 | 489.4 | 467.3 | 440.1 | 421.4 | 395.9 | 375.5 | 353.5 | 336.5 | 317.8 |
| 22.5° | 613.4 | 584.6 | 552.3 | 521.7 | 492.7 | 463.9 | 436.7 | 411.3 | 384.0 | 358.5 | 339.8 |
| 25° | 703.5 | 667.8 | 627.1 | 596.5 | 555.6 | 523.4 | 489.4 | 457.1 | 428.2 | 395.9 | 365.3 |
| 27.5° | 815.6 | 768.1 | 723.9 | 681.4 | 637.2 | 596.5 | 552.3 | 514.9 | 475.8 | 438.4 | 404.5 |
| 30° | 946.5 | 900.7 | 834.3 | 786.8 | 742.6 | 686.5 | 642.3 | 593.0 | 548.8 | 494.5 | 457.1 |
| 32.5° | 1119.8 | 1060.4 | 990.7 | 927.8 | 870.1 | 807.2 | 746.0 | 683.1 | 625.3 | 576.1 | 520.0 |
| 35° | 1345.8 | 1276.2 | 1192.8 | 1113.0 | 1048.5 | 972.0 | 893.8 | 822.4 | 756.2 | 684.8 | 615.2 |
| 37.5° | 1631.3 | 1566.7 | 1476.7 | 1379.8 | 1293.1 | 1201.4 | 1119.8 | 1019.5 | 931.2 | 844.6 | 756.2 |
| 40° | 1915.1 | 1855.6 | 1762.2 | 1658.5 | 1546.3 | 1440.9 | 1337.3 | 1223.4 | 1111.4 | 1002.6 | 910.8 |
| 42.5° | 2265.1 | 2176.8 | 2076.5 | 1959.3 | 1850.5 | 1724.8 | 1595.6 | 1464.8 | 1330.5 | 1199.7 | 1068.8 |
| 45° | 2705.2 | 2637.2 | 2496.2 | 2370.4 | 2241.3 | 2093.5 | 1933.8 | 1784.2 | 1612.6 | 1458.0 | 1284.7 |
| 47.5° | 3240.5 | 3118.2 | 3014.5 | 2899.0 | 2737.5 | 2594.8 | 2390.9 | 2214.2 | 2000.0 | 1794.4 | 1587.1 |
| 50° | 3872.7 | 3804.7 | 3667.0 | 3522.6 | 3347.6 | 3177.6 | 2978.8 | 2723.9 | 2467.4 | 2248.1 | 1964.4 |
| 52.5° | 4611.8 | 4514.9 | 4428.3 | 4278.7 | 4100.3 | 3882.8 | 3656.9 | 3379.8 | 3065.5 | 2756.2 | 2453.8 |
| 55° | 5488.6 | 5420.7 | 5337.4 | 5218.5 | 4990.7 | 4744.3 | 4472.5 | 4141.1 | 3769.0 | 3352.7 | 3000.9 |
| 57.5° | 6620.3 | 6549.0 | 6469.1 | 6224.4 | 6069.8 | 5767.3 | 5373.1 | 5029.8 | 4628.8 | 4095.2 | 3658.5 |
| 60° | 8165.0 | 8068.1 | 7956.0 | 7757.2 | 7434.3 | 7041.7 | 6618.6 | 6110.5 | 5619.5 | 5036.6 | 4463.9 |
| 62.5° | 9485.3 | 9330.7 | 9091.0 | 8834.5 | 8447.0 | 7996.8 | 7464.9 | 6866.7 | 6307.7 | 5651.8 | 5014.5 |
| 65° | 9757.2 | 9544.8 | 9262.7 | 8928.0 | 8528.6 | 8020.5 | 7464.9 | 6892.2 | 6234.6 | 5617.8 | 4977.1 |
| 67.5° | 9050.3 | 8803.9 | 8515.0 | 8141.2 | 7760.5 | 7237.2 | 6758.0 | 6175.1 | 5556.6 | 5023.0 | 4450.4 |
| 70° | 7888.0 | 7522.7 | 7227.0 | 6829.3 | 6443.6 | 6032.4 | 5527.8 | 5091.0 | 4588.0 | 4097.0 | 3658.5 |
| 72.5° | 5923.7 | 5563.4 | 5294.9 | 4977.1 | 4747.7 | 4312.8 | 3942.3 | 3616.0 | 3318.6 | 2951.6 | 2627.1 |
| 75° | 3192.9 | 2922.7 | 2742.6 | 2598.2 | 2392.6 | 2105.4 | 1928.7 | 1704.4 | 1578.6 | 1425.7 | 1277.9 |
| 77.5° | 1041.7 | 917.6 | 783.4 | 652.6 | 560.7 | 421.4 | 407.8 | 324.6 | 305.9 | 297.4 | 229.4 |
| 80° | 533.6 | 411.3 | 297.4 | 214.1 | 163.2 | 144.5 | 137.7 | 130.9 | 124.0 | 119.0 | 110.4 |
| 82.5° | 535.3 | 387.4 | 266.8 | 185.2 | 134.2 | 112.2 | 105.4 | 102.0 | 96.8 | 91.7 | 84.9 |
| 85° | 390.8 | 288.8 | 198.8 | 135.9 | 93.5 | 74.8 | 71.3 | 66.2 | 62.9 | 61.2 | 54.4 |
| 87.5° | 25.5 | 18.7 | 17.0 | 15.3 | 15.3 | 15.3 | 17.0 | 15.3 | 17.0 | 17.0 | 15.3 |
| 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: P181368

CATALOG NUMBER: ICM-E06-LED-E1-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 |
| 2.5° | 239.6 | 237.9 | 237.9 | 236.2 | 234.5 | 234.5 | 232.8 | 232.8 | 227.7 | 219.2 | 212.4 |
| 5° | 246.4 | 243.0 | 241.3 | 239.6 | 237.9 | 234.5 | 232.8 | 231.1 | 222.6 | 205.6 | 192.0 |
| 7.5° | 251.5 | 248.1 | 246.4 | 243.0 | 237.9 | 236.2 | 232.8 | 229.4 | 215.8 | 192.0 | 176.7 |
| 10° | 260.0 | 254.9 | 249.8 | 244.7 | 239.6 | 236.2 | 231.1 | 227.7 | 207.4 | 180.1 | 164.8 |
| 12.5° | 268.5 | 261.7 | 254.9 | 246.4 | 241.3 | 236.2 | 231.1 | 224.3 | 200.6 | 170.0 | 152.9 |
| 15° | 278.7 | 268.5 | 260.0 | 251.5 | 243.0 | 236.2 | 227.7 | 222.6 | 193.7 | 161.4 | 146.1 |
| 17.5° | 288.8 | 277.0 | 265.1 | 253.2 | 244.7 | 234.5 | 227.7 | 219.2 | 186.9 | 154.6 | 137.7 |
| 20° | 300.7 | 283.8 | 271.9 | 258.3 | 246.4 | 234.5 | 224.3 | 215.8 | 180.1 | 146.1 | 129.1 |
| 22.5° | 317.8 | 297.4 | 278.7 | 263.4 | 248.1 | 236.2 | 224.3 | 212.4 | 173.3 | 139.3 | 122.3 |
| 25° | 339.8 | 314.3 | 292.3 | 273.6 | 254.9 | 239.6 | 226.0 | 214.1 | 168.2 | 134.2 | 113.9 |
| 27.5° | 372.1 | 339.8 | 316.1 | 290.6 | 266.8 | 248.1 | 231.1 | 217.5 | 164.8 | 129.1 | 108.7 |
| 30° | 411.3 | 379.0 | 341.6 | 311.0 | 285.5 | 260.0 | 241.3 | 220.9 | 161.4 | 124.0 | 102.0 |
| 32.5° | 469.0 | 423.1 | 379.0 | 341.6 | 305.9 | 277.0 | 249.8 | 229.4 | 159.7 | 115.5 | 95.2 |
| 35° | 552.3 | 489.4 | 436.7 | 387.4 | 338.1 | 302.5 | 270.1 | 243.0 | 158.0 | 108.7 | 88.4 |
| 37.5° | 671.2 | 596.5 | 528.5 | 458.8 | 397.6 | 346.6 | 302.5 | 266.8 | 158.0 | 103.6 | 81.6 |
| 40° | 798.6 | 701.8 | 615.2 | 528.5 | 450.3 | 385.8 | 326.2 | 282.0 | 154.6 | 96.8 | 74.8 |
| 42.5° | 943.1 | 824.1 | 705.2 | 598.1 | 501.3 | 418.0 | 348.4 | 294.0 | 146.1 | 90.0 | 68.0 |
| 45° | 1136.8 | 980.5 | 837.8 | 700.1 | 574.3 | 465.6 | 377.2 | 307.5 | 137.7 | 84.9 | 61.2 |
| 47.5° | 1379.8 | 1198.0 | 1012.8 | 839.4 | 674.6 | 536.9 | 419.7 | 329.7 | 132.6 | 78.1 | 56.1 |
| 50° | 1741.8 | 1483.5 | 1238.8 | 1017.9 | 808.8 | 628.7 | 482.6 | 362.0 | 127.4 | 73.0 | 51.0 |
| 52.5° | 2139.4 | 1821.6 | 1534.4 | 1250.7 | 990.7 | 752.7 | 555.6 | 404.5 | 122.3 | 68.0 | 45.9 |
| 55° | 2623.6 | 2232.9 | 1882.8 | 1514.1 | 1181.0 | 897.2 | 645.7 | 452.0 | 115.5 | 62.9 | 42.5 |
| 57.5° | 3221.8 | 2727.4 | 2312.7 | 1862.4 | 1444.4 | 1084.1 | 766.3 | 531.9 | 108.7 | 56.1 | 37.4 |
| 60° | 3889.6 | 3330.5 | 2808.9 | 2280.4 | 1774.1 | 1332.2 | 944.7 | 645.7 | 102.0 | 49.3 | 32.3 |
| 62.5° | 4370.5 | 3757.0 | 3160.7 | 2567.6 | 2011.9 | 1517.4 | 1089.2 | 734.1 | 91.7 | 42.5 | 28.9 |
| 65° | 4365.4 | 3743.5 | 3143.6 | 2559.1 | 2018.7 | 1524.3 | 1094.3 | 751.1 | 81.6 | 37.4 | 25.5 |
| 67.5° | 3889.6 | 3366.3 | 2831.0 | 2305.9 | 1833.5 | 1386.6 | 1012.8 | 696.7 | 69.7 | 34.0 | 22.0 |
| 70° | 3199.7 | 2783.4 | 2360.3 | 1943.9 | 1565.0 | 1187.8 | 875.2 | 606.6 | 59.4 | 30.6 | 18.7 |
| 72.5° | 2336.5 | 2032.3 | 1774.1 | 1480.1 | 1221.8 | 938.0 | 698.4 | 475.8 | 47.5 | 25.5 | 17.0 |
| 75° | 1160.6 | 1038.2 | 890.4 | 798.6 | 681.4 | 557.4 | 433.3 | 277.0 | 39.1 | 20.4 | 15.3 |
| 77.5° | 220.9 | 197.1 | 188.7 | 163.2 | 149.5 | 132.6 | 117.2 | 83.3 | 30.6 | 15.3 | 13.6 |
| 80° | 102.0 | 93.5 | 84.9 | 76.5 | 68.0 | 57.8 | 51.0 | 44.2 | 23.8 | 11.9 | 15.3 |
| 82.5° | 79.9 | 73.0 | 64.6 | 57.8 | 51.0 | 44.2 | 37.4 | 32.3 | 15.3 | 10.2 | 15.3 |
| 85° | 52.7 | 45.9 | 40.7 | 35.7 | 30.6 | 27.2 | 23.8 | 20.4 | 10.2 | 10.2 | 10.2 |
| 87.5° | 15.3 | 15.3 | 13.6 | 13.6 | 11.9 | 11.9 | 10.2 | 10.2 | 8.5 | 8.5 | 8.5 |
| 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: P181368

CATALOG NUMBER: ICM-E06-LED-E1-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 |
| 2.5° | 205.6 | 197.1 | 193.7 | 192.0 | 192.0 | 193.7 | 192.0 |
| 5° | 181.9 | 173.3 | 170.0 | 166.5 | 166.5 | 166.5 | 168.2 |
| 7.5° | 166.5 | 158.0 | 152.9 | 151.3 | 149.5 | 151.3 | 151.3 |
| 10° | 152.9 | 146.1 | 139.3 | 135.9 | 135.9 | 135.9 | 135.9 |
| 12.5° | 142.7 | 134.2 | 127.4 | 125.8 | 124.0 | 124.0 | 124.0 |
| 15° | 134.2 | 124.0 | 119.0 | 115.5 | 113.9 | 113.9 | 115.5 |
| 17.5° | 124.0 | 115.5 | 108.7 | 107.1 | 107.1 | 107.1 | 107.1 |
| 20° | 117.2 | 107.1 | 102.0 | 98.5 | 98.5 | 98.5 | 98.5 |
| 22.5° | 108.7 | 100.3 | 93.5 | 90.0 | 90.0 | 90.0 | 90.0 |
| 25° | 102.0 | 93.5 | 86.7 | 83.3 | 83.3 | 83.3 | 83.3 |
| 27.5° | 95.2 | 86.7 | 79.9 | 76.5 | 76.5 | 76.5 | 76.5 |
| 30° | 88.4 | 79.9 | 73.0 | 69.7 | 69.7 | 69.7 | 69.7 |
| 32.5° | 83.3 | 73.0 | 66.2 | 62.9 | 62.9 | 64.6 | 62.9 |
| 35° | 74.8 | 66.2 | 59.4 | 56.1 | 56.1 | 56.1 | 56.1 |
| 37.5° | 68.0 | 59.4 | 52.7 | 49.3 | 49.3 | 49.3 | 47.5 |
| 40° | 62.9 | 52.7 | 45.9 | 42.5 | 40.7 | 40.7 | 40.7 |
| 42.5° | 54.4 | 44.2 | 39.1 | 35.7 | 34.0 | 34.0 | 34.0 |
| 45° | 49.3 | 39.1 | 32.3 | 28.9 | 28.9 | 28.9 | 28.9 |
| 47.5° | 44.2 | 34.0 | 27.2 | 23.8 | 23.8 | 25.5 | 25.5 |
| 50° | 39.1 | 28.9 | 22.0 | 22.0 | 22.0 | 23.8 | 23.8 |
| 52.5° | 34.0 | 25.5 | 20.4 | 20.4 | 22.0 | 23.8 | 23.8 |
| 55° | 30.6 | 22.0 | 18.7 | 20.4 | 22.0 | 23.8 | 23.8 |
| 57.5° | 27.2 | 18.7 | 18.7 | 20.4 | 22.0 | 23.8 | 23.8 |
| 60° | 23.8 | 17.0 | 17.0 | 18.7 | 22.0 | 23.8 | 23.8 |
| 62.5° | 20.4 | 17.0 | 17.0 | 18.7 | 22.0 | 23.8 | 23.8 |
| 65° | 18.7 | 17.0 | 17.0 | 18.7 | 22.0 | 23.8 | 23.8 |
| 67.5° | 17.0 | 15.3 | 17.0 | 18.7 | 20.4 | 22.0 | 22.0 |
| 70° | 15.3 | 15.3 | 17.0 | 18.7 | 20.4 | 22.0 | 22.0 |
| 72.5° | 15.3 | 15.3 | 15.3 | 17.0 | 18.7 | 20.4 | 20.4 |
| 75° | 15.3 | 15.3 | 15.3 | 17.0 | 18.7 | 20.4 | 20.4 |
| 77.5° | 15.3 | 13.6 | 13.6 | 15.3 | 18.7 | 20.4 | 20.4 |
| 80° | 15.3 | 13.6 | 13.6 | 15.3 | 17.0 | 20.4 | 20.4 |
| 82.5° | 11.9 | 11.9 | 13.6 | 15.3 | 17.0 | 18.7 | 18.7 |
| 85° | 10.2 | 11.9 | 11.9 | 13.6 | 15.3 | 18.7 | 18.7 |
| 87.5° | 8.5 | 8.5 | 10.2 | 11.9 | 13.6 | 15.3 | 15.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)