

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: P181348

Luminaire Tested: **ICM-E04-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181348
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-E04-LED-E1-T3-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5540.7 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

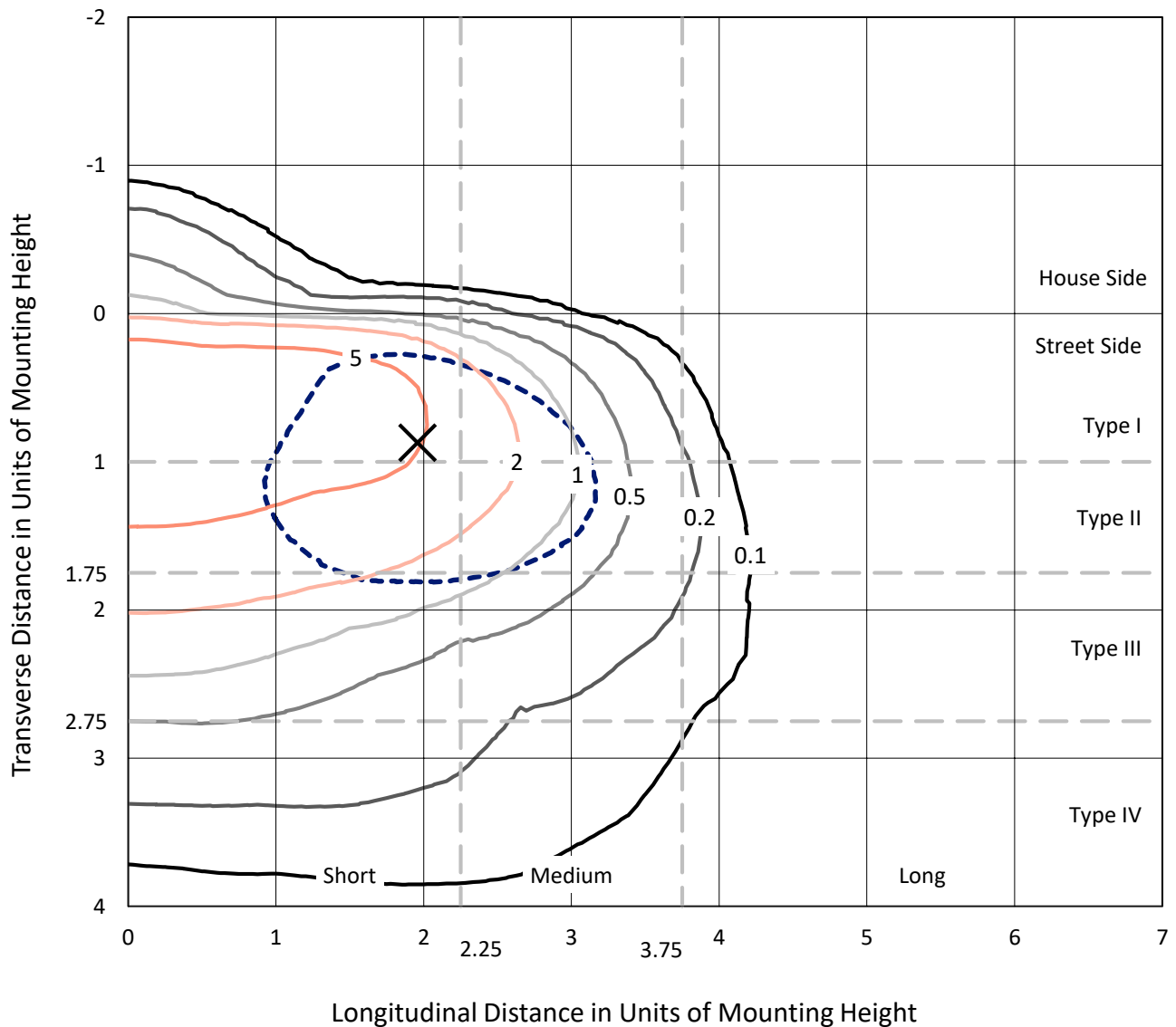
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

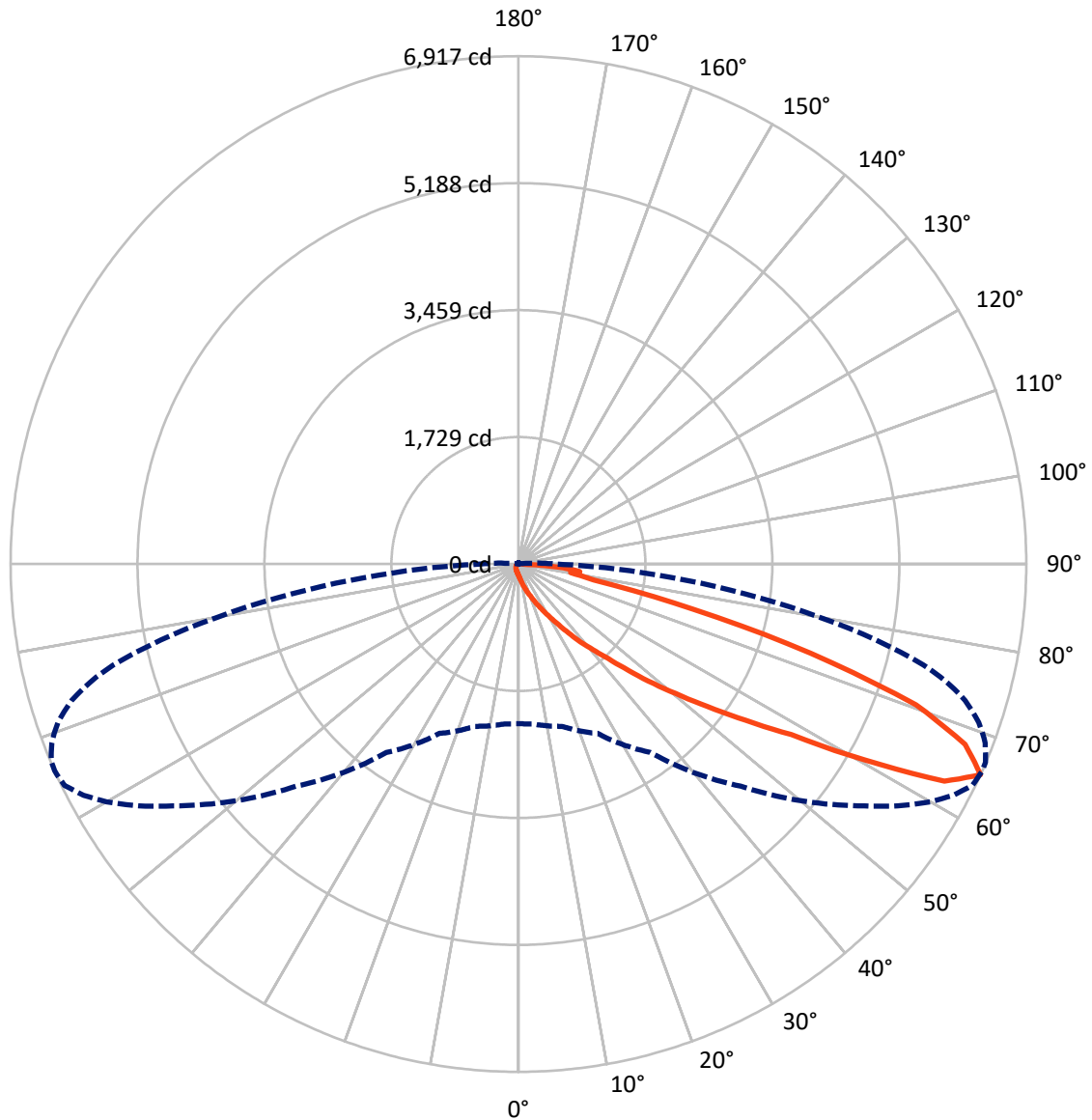
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8 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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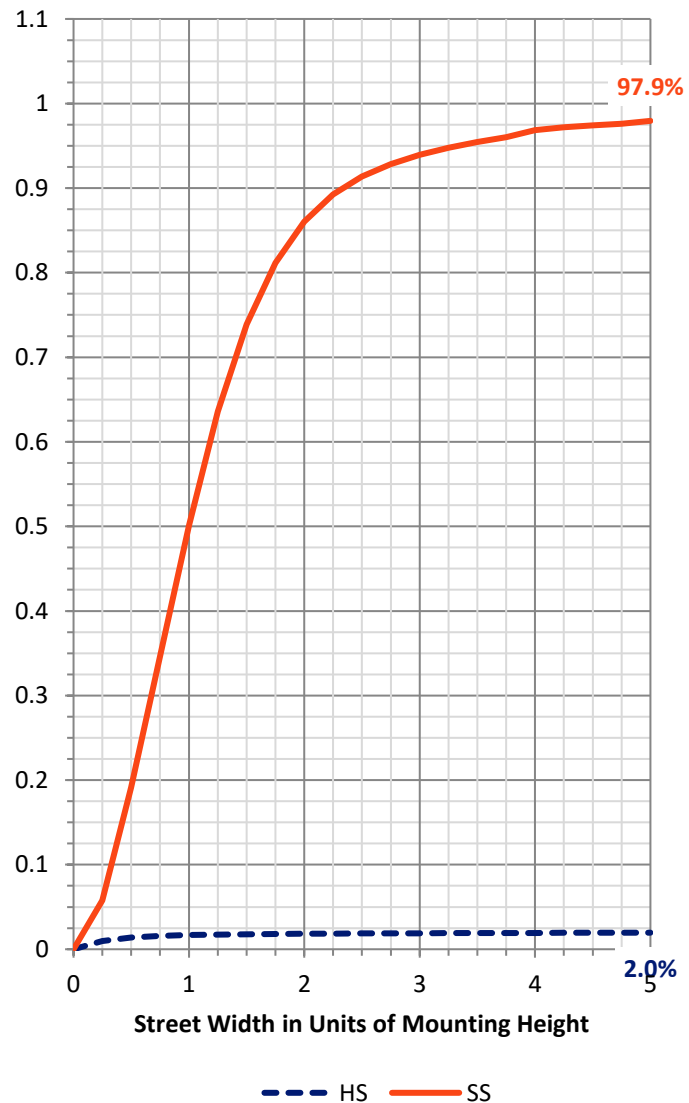
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 111.2 | 0.0 | 111.2 |
| | % Fixture | 2.0 | 0.0 | 2.0 |
| Street Side | Lumens | 5429.4 | 0.0 | 5429.4 |
| | % Fixture | 98.0 | 0.0 | 98.0 |
| Total | Lumens | 5540.7 | 0.0 | 5540.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 18.8 | 0.3 |
| 10°-20° | 90.1 | 1.6 |
| 20°-30° | 205.8 | 3.7 |
| 30°-40° | 391.5 | 7.1 |
| 40°-50° | 785.9 | 14.2 |
| 50°-60° | 1390.5 | 25.1 |
| 60°-70° | 1816.8 | 32.8 |
| 70°-80° | 747.0 | 13.5 |
| 80°-90° | 94.1 | 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° | 5540.7 | 100.0 |
| 0°-180° | 5540.7 | 100.0 |



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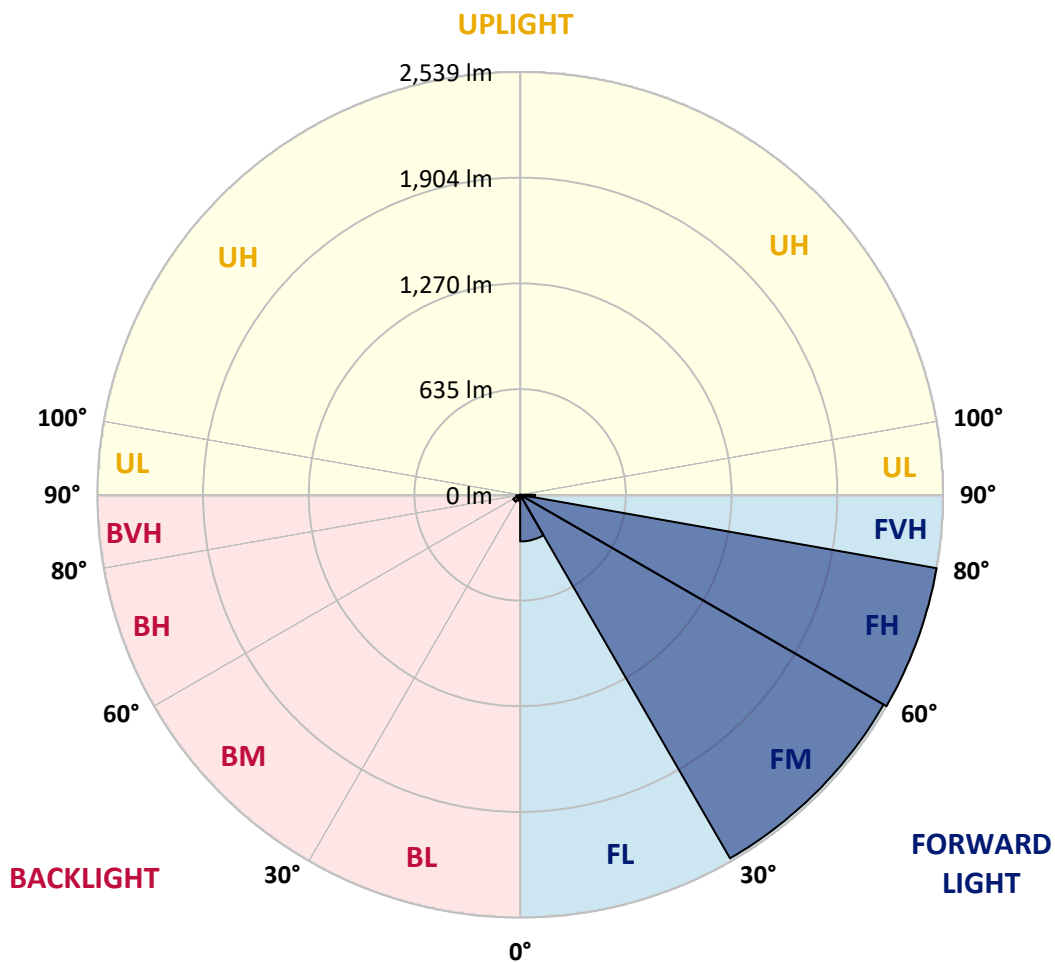
CATALOG NUMBER: ICM-E04-LED-E1-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 280.0 | 5.1 | | | |
| FM | (30°-60°) | 2520.3 | 45.5 | | | |
| FH | (60°-80°) | 2539.3 | 45.8 | | | G2/5000 |
| FVH | (80°-90°) | 89.9 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 34.8 | 0.6 | B0/110 | | |
| BM | (30°-60°) | 47.6 | 0.9 | B0/220 | | |
| BH | (60°-80°) | 24.6 | 0.4 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 4.2 | 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° | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 |
| 2.5° | 203.9 | 200.6 | 201.7 | 194.9 | 190.3 | 184.7 | 180.1 | 179.0 | 177.9 | 175.6 | 176.7 |
| 5° | 293.4 | 290.0 | 282.0 | 268.5 | 256.0 | 236.7 | 217.5 | 216.4 | 212.9 | 209.6 | 207.4 |
| 7.5° | 407.8 | 402.1 | 393.1 | 370.4 | 339.8 | 305.9 | 267.4 | 263.9 | 259.4 | 254.9 | 250.3 |
| 10° | 540.4 | 536.9 | 520.0 | 494.0 | 447.4 | 392.0 | 327.4 | 324.0 | 313.8 | 308.1 | 303.6 |
| 12.5° | 679.7 | 664.9 | 658.1 | 612.8 | 559.6 | 483.7 | 401.0 | 388.6 | 380.7 | 372.7 | 361.4 |
| 15° | 785.0 | 787.4 | 771.4 | 735.3 | 672.9 | 584.6 | 481.5 | 467.9 | 456.6 | 441.8 | 428.2 |
| 17.5° | 880.2 | 875.7 | 858.7 | 836.0 | 777.1 | 687.6 | 567.5 | 549.4 | 531.3 | 523.4 | 504.1 |
| 20° | 957.2 | 955.0 | 941.4 | 919.9 | 874.5 | 788.5 | 658.1 | 643.4 | 623.1 | 609.5 | 587.9 |
| 22.5° | 1018.4 | 1018.4 | 1010.5 | 998.1 | 953.9 | 884.7 | 754.5 | 738.6 | 718.2 | 701.2 | 677.4 |
| 25° | 1067.2 | 1066.1 | 1067.2 | 1061.5 | 1032.0 | 968.6 | 853.0 | 834.9 | 818.0 | 797.5 | 774.9 |
| 27.5° | 1122.6 | 1124.9 | 1122.6 | 1119.3 | 1106.8 | 1055.8 | 952.8 | 940.3 | 921.0 | 899.4 | 876.8 |
| 30° | 1208.8 | 1202.0 | 1200.8 | 1198.5 | 1183.8 | 1152.1 | 1055.8 | 1041.1 | 1026.3 | 1011.6 | 995.7 |
| 32.5° | 1299.4 | 1288.0 | 1284.7 | 1284.7 | 1274.4 | 1246.1 | 1174.8 | 1166.8 | 1145.3 | 1134.0 | 1120.4 |
| 35° | 1402.4 | 1398.0 | 1393.4 | 1394.5 | 1390.0 | 1360.6 | 1301.7 | 1303.9 | 1297.1 | 1274.4 | 1260.8 |
| 37.5° | 1553.1 | 1554.2 | 1546.3 | 1531.6 | 1531.6 | 1505.6 | 1471.5 | 1467.1 | 1450.1 | 1444.4 | 1436.5 |
| 40° | 1768.4 | 1762.7 | 1755.9 | 1734.4 | 1726.4 | 1682.2 | 1650.5 | 1639.3 | 1625.6 | 1624.5 | 1615.5 |
| 42.5° | 2017.6 | 2010.8 | 2010.8 | 1994.9 | 1979.1 | 1925.9 | 1865.8 | 1857.9 | 1843.2 | 1847.6 | 1844.3 |
| 45° | 2248.7 | 2254.3 | 2262.2 | 2273.6 | 2275.9 | 2253.2 | 2166.0 | 2155.8 | 2147.8 | 2143.4 | 2139.9 |
| 47.5° | 2448.1 | 2458.2 | 2484.3 | 2533.0 | 2595.4 | 2603.3 | 2534.2 | 2507.0 | 2501.3 | 2493.4 | 2486.6 |
| 50° | 2590.8 | 2605.5 | 2664.5 | 2759.6 | 2880.9 | 2955.6 | 2918.3 | 2895.6 | 2894.4 | 2872.9 | 2870.6 |
| 52.5° | 2672.4 | 2688.2 | 2784.6 | 2928.4 | 3116.5 | 3262.6 | 3309.0 | 3307.9 | 3305.6 | 3286.3 | 3278.4 |
| 55° | 2690.5 | 2707.5 | 2823.1 | 3019.0 | 3287.6 | 3540.1 | 3718.0 | 3722.5 | 3732.8 | 3727.1 | 3727.1 |
| 57.5° | 2640.7 | 2662.2 | 2787.9 | 3030.3 | 3377.0 | 3759.9 | 4148.5 | 4174.5 | 4187.0 | 4231.2 | 4282.2 |
| 60° | 2548.9 | 2564.8 | 2690.5 | 2961.2 | 3392.9 | 3960.4 | 4708.1 | 4790.8 | 4855.4 | 4942.6 | 5025.3 |
| 62.5° | 2379.0 | 2410.7 | 2530.8 | 2825.3 | 3345.3 | 4191.6 | 5376.5 | 5529.4 | 5655.2 | 5787.7 | 5947.5 |
| 65° | 2172.8 | 2186.4 | 2288.4 | 2545.5 | 3132.3 | 4279.9 | 5745.8 | 5895.3 | 6056.2 | 6197.8 | 6340.5 |
| 67.5° | 1914.5 | 1925.9 | 2014.2 | 2124.1 | 2585.1 | 3866.4 | 5382.2 | 5547.6 | 5692.5 | 5809.2 | 5996.1 |
| 70° | 1254.1 | 1279.0 | 1495.4 | 1604.1 | 1806.9 | 2858.2 | 4401.1 | 4560.9 | 4671.8 | 4751.2 | 4967.6 |
| 72.5° | 918.7 | 934.6 | 1021.9 | 1246.1 | 1296.0 | 1689.0 | 3097.2 | 3270.5 | 3311.3 | 3460.9 | 3561.7 |
| 75° | 560.7 | 600.4 | 797.5 | 1067.2 | 1263.1 | 1156.7 | 1855.6 | 1939.5 | 2033.5 | 2142.2 | 2238.5 |
| 77.5° | 113.3 | 129.1 | 260.6 | 735.3 | 1111.4 | 1235.9 | 1107.9 | 1123.8 | 1170.2 | 1180.4 | 1216.7 |
| 80° | 18.1 | 19.3 | 34.0 | 317.2 | 643.4 | 999.2 | 1107.9 | 1093.2 | 1067.2 | 1049.0 | 1030.9 |
| 82.5° | 7.9 | 9.0 | 14.7 | 80.5 | 137.1 | 333.0 | 958.4 | 1033.1 | 1119.3 | 1166.8 | 1179.3 |
| 85° | 3.4 | 3.4 | 5.7 | 15.8 | 20.4 | 22.7 | 162.0 | 214.1 | 381.8 | 507.5 | 584.6 |
| 87.5° | 2.2 | 2.2 | 3.4 | 3.4 | 4.6 | 5.7 | 7.9 | 7.9 | 9.0 | 10.2 | 14.7 |
| 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-E04-LED-E1-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 |
| 2.5° | 176.7 | 175.6 | 175.6 | 172.2 | 172.2 | 171.1 | 171.1 | 170.0 | 170.0 | 167.6 | 168.8 |
| 5° | 206.1 | 203.9 | 201.7 | 198.2 | 197.1 | 194.9 | 192.6 | 189.2 | 188.1 | 185.8 | 184.7 |
| 7.5° | 245.9 | 243.5 | 239.1 | 232.2 | 227.7 | 223.2 | 218.6 | 214.1 | 210.7 | 207.4 | 205.0 |
| 10° | 294.5 | 287.7 | 285.5 | 271.9 | 266.2 | 257.1 | 251.5 | 247.0 | 240.2 | 234.5 | 231.1 |
| 12.5° | 353.5 | 347.8 | 336.5 | 318.3 | 309.3 | 301.3 | 291.2 | 282.0 | 275.3 | 265.1 | 258.3 |
| 15° | 414.6 | 410.0 | 394.2 | 373.9 | 362.5 | 347.8 | 337.6 | 328.6 | 313.8 | 307.0 | 294.5 |
| 17.5° | 491.6 | 478.0 | 462.2 | 432.7 | 418.0 | 405.6 | 387.4 | 373.9 | 364.7 | 344.4 | 333.0 |
| 20° | 571.0 | 556.2 | 535.8 | 503.0 | 482.6 | 463.4 | 448.6 | 430.5 | 411.3 | 397.6 | 378.3 |
| 22.5° | 661.6 | 637.8 | 622.0 | 581.1 | 557.4 | 536.9 | 512.0 | 492.7 | 473.5 | 452.0 | 430.5 |
| 25° | 757.9 | 734.1 | 714.8 | 668.4 | 643.4 | 623.1 | 593.6 | 566.4 | 542.6 | 518.9 | 494.0 |
| 27.5° | 858.7 | 837.2 | 815.6 | 768.1 | 746.5 | 718.2 | 691.1 | 659.4 | 628.7 | 607.2 | 573.2 |
| 30° | 975.4 | 957.2 | 933.5 | 882.5 | 858.7 | 829.2 | 800.9 | 763.5 | 734.1 | 704.7 | 671.8 |
| 32.5° | 1101.1 | 1086.4 | 1061.5 | 1016.2 | 987.8 | 962.9 | 932.3 | 896.1 | 854.1 | 823.5 | 785.0 |
| 35° | 1254.1 | 1229.1 | 1214.4 | 1171.4 | 1149.9 | 1122.6 | 1090.9 | 1059.2 | 1015.0 | 972.0 | 939.2 |
| 37.5° | 1428.5 | 1417.2 | 1398.0 | 1357.1 | 1341.3 | 1312.9 | 1292.6 | 1260.8 | 1226.9 | 1172.5 | 1137.4 |
| 40° | 1607.5 | 1599.5 | 1582.6 | 1541.8 | 1526.0 | 1506.7 | 1482.9 | 1452.3 | 1411.5 | 1383.2 | 1331.1 |
| 42.5° | 1835.2 | 1822.7 | 1809.1 | 1770.6 | 1740.0 | 1716.3 | 1706.1 | 1680.0 | 1636.9 | 1600.8 | 1559.9 |
| 45° | 2124.1 | 2118.4 | 2100.3 | 2061.8 | 2031.2 | 2015.4 | 1999.5 | 1955.3 | 1927.0 | 1890.7 | 1862.4 |
| 47.5° | 2473.0 | 2454.9 | 2445.8 | 2402.8 | 2392.6 | 2380.1 | 2339.4 | 2314.4 | 2273.6 | 2245.3 | 2210.2 |
| 50° | 2850.2 | 2831.0 | 2832.1 | 2780.0 | 2782.2 | 2773.2 | 2742.6 | 2713.1 | 2678.1 | 2653.1 | 2631.6 |
| 52.5° | 3255.8 | 3264.9 | 3242.2 | 3258.1 | 3239.9 | 3219.6 | 3213.9 | 3177.6 | 3147.0 | 3145.9 | 3116.5 |
| 55° | 3754.3 | 3739.6 | 3745.1 | 3761.0 | 3736.1 | 3758.8 | 3747.5 | 3701.0 | 3702.2 | 3711.2 | 3677.2 |
| 57.5° | 4290.1 | 4311.6 | 4358.1 | 4368.2 | 4411.3 | 4381.9 | 4458.9 | 4403.4 | 4437.3 | 4437.3 | 4414.7 |
| 60° | 5076.3 | 5162.4 | 5274.5 | 5361.7 | 5442.2 | 5416.1 | 5517.0 | 5453.5 | 5498.8 | 5460.3 | 5441.1 |
| 62.5° | 6023.3 | 6137.7 | 6270.3 | 6411.9 | 6493.4 | 6513.9 | 6499.1 | 6527.5 | 6483.3 | 6454.9 | 6381.3 |
| 65° | 6478.7 | 6592.0 | 6707.6 | 6877.5 | 6900.1 | 6917.2 | 6910.4 | 6862.7 | 6808.4 | 6727.9 | 6631.7 |
| 67.5° | 6100.4 | 6258.9 | 6323.6 | 6519.5 | 6585.2 | 6561.4 | 6569.3 | 6508.2 | 6423.2 | 6343.9 | 6202.4 |
| 70° | 5058.2 | 5239.4 | 5273.4 | 5554.4 | 5632.5 | 5745.8 | 5705.0 | 5686.9 | 5594.0 | 5527.1 | 5370.8 |
| 72.5° | 3682.9 | 3824.5 | 3813.1 | 4129.2 | 4115.7 | 4162.1 | 4271.9 | 4267.5 | 4170.0 | 4148.5 | 4017.0 |
| 75° | 2266.8 | 2351.8 | 2347.3 | 2571.6 | 2477.5 | 2463.9 | 2494.5 | 2480.9 | 2389.1 | 2294.0 | 2212.5 |
| 77.5° | 1200.8 | 1239.4 | 1198.5 | 1131.7 | 1124.9 | 1049.0 | 1027.4 | 1026.3 | 956.1 | 870.1 | 806.6 |
| 80° | 1011.6 | 972.0 | 924.4 | 827.0 | 770.3 | 719.4 | 671.8 | 627.6 | 580.0 | 516.6 | 439.5 |
| 82.5° | 1181.6 | 1162.3 | 1128.3 | 1006.0 | 947.1 | 845.1 | 769.2 | 697.9 | 610.6 | 544.9 | 446.3 |
| 85° | 575.4 | 574.3 | 601.6 | 589.1 | 567.5 | 563.0 | 488.3 | 472.4 | 437.3 | 401.0 | 335.4 |
| 87.5° | 15.8 | 11.3 | 13.6 | 11.3 | 13.6 | 14.7 | 10.2 | 23.8 | 14.7 | 13.6 | 15.8 |
| 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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CATALOG NUMBER: ICM-E04-LED-E1-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 |
| 2.5° | 167.6 | 166.5 | 165.4 | 165.4 | 164.3 | 164.3 | 163.2 | 162.0 | 162.0 | 160.8 | 160.8 |
| 5° | 182.4 | 180.1 | 179.0 | 177.9 | 175.6 | 174.4 | 172.2 | 171.1 | 168.8 | 167.6 | 165.4 |
| 7.5° | 200.6 | 198.2 | 193.7 | 191.4 | 188.1 | 186.9 | 181.2 | 179.0 | 176.7 | 174.4 | 171.1 |
| 10° | 223.2 | 217.5 | 212.9 | 208.5 | 202.8 | 198.2 | 193.7 | 190.3 | 185.8 | 180.1 | 177.9 |
| 12.5° | 251.5 | 243.5 | 236.7 | 228.8 | 222.0 | 215.3 | 207.4 | 201.7 | 194.9 | 189.2 | 183.5 |
| 15° | 283.3 | 271.9 | 262.8 | 251.5 | 240.2 | 232.2 | 224.3 | 216.4 | 207.4 | 199.4 | 192.6 |
| 17.5° | 319.4 | 304.7 | 292.3 | 278.7 | 266.2 | 254.9 | 241.3 | 231.1 | 220.9 | 209.6 | 200.6 |
| 20° | 358.0 | 343.3 | 326.2 | 311.5 | 293.4 | 280.9 | 263.9 | 250.3 | 235.6 | 224.3 | 211.8 |
| 22.5° | 408.9 | 389.7 | 368.2 | 347.8 | 328.6 | 309.3 | 291.2 | 274.1 | 256.0 | 239.1 | 226.6 |
| 25° | 469.0 | 445.2 | 418.0 | 397.6 | 370.4 | 348.9 | 326.2 | 304.7 | 285.5 | 263.9 | 243.5 |
| 27.5° | 543.7 | 512.0 | 482.6 | 454.2 | 424.8 | 397.6 | 368.2 | 343.3 | 317.2 | 292.3 | 269.6 |
| 30° | 631.0 | 600.4 | 556.2 | 524.5 | 495.1 | 457.7 | 428.2 | 395.4 | 365.9 | 329.7 | 304.7 |
| 32.5° | 746.5 | 706.9 | 660.5 | 618.5 | 580.0 | 538.1 | 497.3 | 455.4 | 416.9 | 384.0 | 346.6 |
| 35° | 897.2 | 850.8 | 795.3 | 742.1 | 699.0 | 648.0 | 595.9 | 548.3 | 504.1 | 456.6 | 410.0 |
| 37.5° | 1087.5 | 1044.5 | 984.5 | 919.9 | 862.1 | 800.9 | 746.5 | 679.7 | 620.8 | 563.0 | 504.1 |
| 40° | 1276.8 | 1237.0 | 1174.8 | 1105.7 | 1030.9 | 960.7 | 891.5 | 815.6 | 740.8 | 668.4 | 607.2 |
| 42.5° | 1510.1 | 1451.2 | 1384.4 | 1306.1 | 1233.7 | 1149.9 | 1063.7 | 976.5 | 887.0 | 799.8 | 712.6 |
| 45° | 1803.5 | 1758.2 | 1664.1 | 1580.3 | 1494.2 | 1395.6 | 1289.2 | 1189.5 | 1075.1 | 972.0 | 856.5 |
| 47.5° | 2160.3 | 2078.8 | 2009.7 | 1932.7 | 1825.0 | 1729.9 | 1593.9 | 1476.1 | 1333.4 | 1196.3 | 1058.1 |
| 50° | 2581.8 | 2536.5 | 2444.7 | 2348.4 | 2231.7 | 2118.4 | 1985.9 | 1815.9 | 1644.8 | 1498.8 | 1309.6 |
| 52.5° | 3074.5 | 3010.0 | 2952.2 | 2852.5 | 2733.6 | 2588.6 | 2437.9 | 2253.2 | 2043.6 | 1837.5 | 1635.8 |
| 55° | 3659.1 | 3613.8 | 3558.3 | 3479.0 | 3327.2 | 3162.9 | 2981.7 | 2760.8 | 2512.7 | 2235.1 | 2000.6 |
| 57.5° | 4413.6 | 4366.0 | 4312.8 | 4149.6 | 4046.5 | 3844.9 | 3582.1 | 3353.2 | 3085.9 | 2730.2 | 2439.0 |
| 60° | 5443.3 | 5378.7 | 5303.9 | 5171.5 | 4956.2 | 4694.5 | 4412.4 | 4073.7 | 3746.3 | 3357.8 | 2976.0 |
| 62.5° | 6323.6 | 6220.4 | 6060.7 | 5889.6 | 5631.4 | 5331.2 | 4976.6 | 4577.8 | 4205.1 | 3767.8 | 3343.0 |
| 65° | 6504.8 | 6363.2 | 6175.1 | 5951.9 | 5685.7 | 5347.0 | 4976.6 | 4594.8 | 4156.4 | 3745.1 | 3318.1 |
| 67.5° | 6033.5 | 5869.2 | 5676.7 | 5427.5 | 5173.7 | 4824.8 | 4505.3 | 4116.8 | 3704.4 | 3348.7 | 2966.9 |
| 70° | 5258.6 | 5015.1 | 4818.0 | 4552.9 | 4295.7 | 4021.6 | 3685.1 | 3394.0 | 3058.7 | 2731.3 | 2439.0 |
| 72.5° | 3949.1 | 3709.0 | 3530.0 | 3318.1 | 3165.1 | 2875.2 | 2628.2 | 2410.7 | 2212.5 | 1967.7 | 1751.4 |
| 75° | 2128.6 | 1948.5 | 1828.4 | 1732.1 | 1595.1 | 1403.6 | 1285.8 | 1136.3 | 1052.4 | 950.4 | 851.9 |
| 77.5° | 694.4 | 611.7 | 522.2 | 435.0 | 373.9 | 280.9 | 271.9 | 216.4 | 203.9 | 198.2 | 152.9 |
| 80° | 355.7 | 274.1 | 198.2 | 142.7 | 108.7 | 96.3 | 91.7 | 87.3 | 82.7 | 79.3 | 73.7 |
| 82.5° | 356.8 | 258.3 | 177.9 | 123.4 | 89.5 | 74.8 | 70.2 | 68.0 | 64.6 | 61.2 | 56.7 |
| 85° | 260.6 | 192.6 | 132.6 | 90.6 | 62.3 | 49.9 | 47.5 | 44.2 | 42.0 | 40.7 | 36.3 |
| 87.5° | 17.0 | 12.5 | 11.3 | 10.2 | 10.2 | 10.2 | 11.3 | 10.2 | 11.3 | 11.3 | 10.2 |
| 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):

| | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 |
| 2.5° | 159.7 | 158.6 | 158.6 | 157.5 | 156.4 | 156.4 | 155.2 | 155.2 | 151.8 | 146.1 | 141.6 |
| 5° | 164.3 | 162.0 | 160.8 | 159.7 | 158.6 | 156.4 | 155.2 | 154.0 | 148.4 | 137.1 | 128.0 |
| 7.5° | 167.6 | 165.4 | 164.3 | 162.0 | 158.6 | 157.5 | 155.2 | 152.9 | 143.9 | 128.0 | 117.9 |
| 10° | 173.3 | 170.0 | 166.5 | 163.2 | 159.7 | 157.5 | 154.0 | 151.8 | 138.2 | 120.1 | 109.9 |
| 12.5° | 179.0 | 174.4 | 170.0 | 164.3 | 160.8 | 157.5 | 154.0 | 149.5 | 133.7 | 113.3 | 102.0 |
| 15° | 185.8 | 179.0 | 173.3 | 167.6 | 162.0 | 157.5 | 151.8 | 148.4 | 129.1 | 107.6 | 97.4 |
| 17.5° | 192.6 | 184.7 | 176.7 | 168.8 | 163.2 | 156.4 | 151.8 | 146.1 | 124.7 | 103.1 | 91.7 |
| 20° | 200.6 | 189.2 | 181.2 | 172.2 | 164.3 | 156.4 | 149.5 | 143.9 | 120.1 | 97.4 | 86.1 |
| 22.5° | 211.8 | 198.2 | 185.8 | 175.6 | 165.4 | 157.5 | 149.5 | 141.6 | 115.5 | 92.9 | 81.6 |
| 25° | 226.6 | 209.6 | 194.9 | 182.4 | 170.0 | 159.7 | 150.7 | 142.7 | 112.2 | 89.5 | 75.9 |
| 27.5° | 248.1 | 226.6 | 210.7 | 193.7 | 177.9 | 165.4 | 154.0 | 145.0 | 109.9 | 86.1 | 72.5 |
| 30° | 274.1 | 252.7 | 227.7 | 207.4 | 190.3 | 173.3 | 160.8 | 147.3 | 107.6 | 82.7 | 68.0 |
| 32.5° | 312.7 | 282.0 | 252.7 | 227.7 | 203.9 | 184.7 | 166.5 | 152.9 | 106.5 | 77.0 | 63.4 |
| 35° | 368.2 | 326.2 | 291.2 | 258.3 | 225.4 | 201.7 | 180.1 | 162.0 | 105.4 | 72.5 | 58.9 |
| 37.5° | 447.4 | 397.6 | 352.3 | 305.9 | 265.1 | 231.1 | 201.7 | 177.9 | 105.4 | 69.1 | 54.4 |
| 40° | 532.5 | 467.9 | 410.0 | 352.3 | 300.2 | 257.1 | 217.5 | 188.1 | 103.1 | 64.6 | 49.9 |
| 42.5° | 628.7 | 549.4 | 470.1 | 398.8 | 334.2 | 278.7 | 232.2 | 196.0 | 97.4 | 60.0 | 45.3 |
| 45° | 757.9 | 653.7 | 558.5 | 466.7 | 382.9 | 310.4 | 251.5 | 205.0 | 91.7 | 56.7 | 40.7 |
| 47.5° | 919.9 | 798.6 | 675.2 | 559.6 | 449.8 | 358.0 | 279.8 | 219.8 | 88.4 | 52.1 | 37.4 |
| 50° | 1161.1 | 988.9 | 825.9 | 678.6 | 539.3 | 419.2 | 321.8 | 241.3 | 84.9 | 48.7 | 34.0 |
| 52.5° | 1426.2 | 1214.4 | 1023.0 | 833.8 | 660.5 | 501.9 | 370.4 | 269.6 | 81.6 | 45.3 | 30.6 |
| 55° | 1749.1 | 1488.6 | 1255.2 | 1009.4 | 787.4 | 598.1 | 430.5 | 301.3 | 77.0 | 42.0 | 28.3 |
| 57.5° | 2147.8 | 1818.2 | 1541.8 | 1241.6 | 962.9 | 722.8 | 510.9 | 354.6 | 72.5 | 37.4 | 24.9 |
| 60° | 2593.0 | 2220.4 | 1872.6 | 1520.3 | 1182.7 | 888.2 | 629.9 | 430.5 | 68.0 | 32.8 | 21.5 |
| 62.5° | 2913.7 | 2504.8 | 2107.1 | 1711.7 | 1341.3 | 1011.6 | 726.1 | 489.4 | 61.2 | 28.3 | 19.3 |
| 65° | 2910.3 | 2495.6 | 2095.7 | 1706.1 | 1345.8 | 1016.2 | 729.6 | 500.7 | 54.4 | 24.9 | 17.0 |
| 67.5° | 2593.0 | 2244.2 | 1887.4 | 1537.3 | 1222.3 | 924.4 | 675.2 | 464.5 | 46.4 | 22.7 | 14.7 |
| 70° | 2133.1 | 1855.6 | 1573.5 | 1296.0 | 1043.4 | 791.8 | 583.4 | 404.5 | 39.6 | 20.4 | 12.5 |
| 72.5° | 1557.7 | 1354.9 | 1182.7 | 986.7 | 814.5 | 625.3 | 465.6 | 317.2 | 31.7 | 17.0 | 11.3 |
| 75° | 773.8 | 692.2 | 593.6 | 532.5 | 454.2 | 371.5 | 288.8 | 184.7 | 26.0 | 13.6 | 10.2 |
| 77.5° | 147.3 | 131.4 | 125.8 | 108.7 | 99.7 | 88.4 | 78.1 | 55.5 | 20.4 | 10.2 | 9.0 |
| 80° | 68.0 | 62.3 | 56.7 | 51.0 | 45.3 | 38.5 | 34.0 | 29.5 | 15.8 | 7.9 | 10.2 |
| 82.5° | 53.2 | 48.7 | 43.1 | 38.5 | 34.0 | 29.5 | 24.9 | 21.5 | 10.2 | 6.8 | 10.2 |
| 85° | 35.2 | 30.6 | 27.2 | 23.8 | 20.4 | 18.1 | 15.8 | 13.6 | 6.8 | 6.8 | 6.8 |
| 87.5° | 10.2 | 10.2 | 9.0 | 9.0 | 7.9 | 7.9 | 6.8 | 6.8 | 5.7 | 5.7 | 5.7 |
| 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-E04-LED-E1-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 | 154.0 |
| 2.5° | 137.1 | 131.4 | 129.1 | 128.0 | 128.0 | 129.1 | 128.0 |
| 5° | 121.2 | 115.5 | 113.3 | 111.0 | 111.0 | 111.0 | 112.2 |
| 7.5° | 111.0 | 105.4 | 102.0 | 100.8 | 99.7 | 100.8 | 100.8 |
| 10° | 102.0 | 97.4 | 92.9 | 90.6 | 90.6 | 90.6 | 90.6 |
| 12.5° | 95.2 | 89.5 | 84.9 | 83.8 | 82.7 | 82.7 | 82.7 |
| 15° | 89.5 | 82.7 | 79.3 | 77.0 | 75.9 | 75.9 | 77.0 |
| 17.5° | 82.7 | 77.0 | 72.5 | 71.3 | 71.3 | 71.3 | 71.3 |
| 20° | 78.1 | 71.3 | 68.0 | 65.7 | 65.7 | 65.7 | 65.7 |
| 22.5° | 72.5 | 66.9 | 62.3 | 60.0 | 60.0 | 60.0 | 60.0 |
| 25° | 68.0 | 62.3 | 57.8 | 55.5 | 55.5 | 55.5 | 55.5 |
| 27.5° | 63.4 | 57.8 | 53.2 | 51.0 | 51.0 | 51.0 | 51.0 |
| 30° | 58.9 | 53.2 | 48.7 | 46.4 | 46.4 | 46.4 | 46.4 |
| 32.5° | 55.5 | 48.7 | 44.2 | 42.0 | 42.0 | 43.1 | 42.0 |
| 35° | 49.9 | 44.2 | 39.6 | 37.4 | 37.4 | 37.4 | 37.4 |
| 37.5° | 45.3 | 39.6 | 35.2 | 32.8 | 32.8 | 32.8 | 31.7 |
| 40° | 42.0 | 35.2 | 30.6 | 28.3 | 27.2 | 27.2 | 27.2 |
| 42.5° | 36.3 | 29.5 | 26.0 | 23.8 | 22.7 | 22.7 | 22.7 |
| 45° | 32.8 | 26.0 | 21.5 | 19.3 | 19.3 | 19.3 | 19.3 |
| 47.5° | 29.5 | 22.7 | 18.1 | 15.8 | 15.8 | 17.0 | 17.0 |
| 50° | 26.0 | 19.3 | 14.7 | 14.7 | 14.7 | 15.8 | 15.8 |
| 52.5° | 22.7 | 17.0 | 13.6 | 13.6 | 14.7 | 15.8 | 15.8 |
| 55° | 20.4 | 14.7 | 12.5 | 13.6 | 14.7 | 15.8 | 15.8 |
| 57.5° | 18.1 | 12.5 | 12.5 | 13.6 | 14.7 | 15.8 | 15.8 |
| 60° | 15.8 | 11.3 | 11.3 | 12.5 | 14.7 | 15.8 | 15.8 |
| 62.5° | 13.6 | 11.3 | 11.3 | 12.5 | 14.7 | 15.8 | 15.8 |
| 65° | 12.5 | 11.3 | 11.3 | 12.5 | 14.7 | 15.8 | 15.8 |
| 67.5° | 11.3 | 10.2 | 11.3 | 12.5 | 13.6 | 14.7 | 14.7 |
| 70° | 10.2 | 10.2 | 11.3 | 12.5 | 13.6 | 14.7 | 14.7 |
| 72.5° | 10.2 | 10.2 | 10.2 | 11.3 | 12.5 | 13.6 | 13.6 |
| 75° | 10.2 | 10.2 | 10.2 | 11.3 | 12.5 | 13.6 | 13.6 |
| 77.5° | 10.2 | 9.0 | 9.0 | 10.2 | 12.5 | 13.6 | 13.6 |
| 80° | 10.2 | 9.0 | 9.0 | 10.2 | 11.3 | 13.6 | 13.6 |
| 82.5° | 7.9 | 7.9 | 9.0 | 10.2 | 11.3 | 12.5 | 12.5 |
| 85° | 6.8 | 7.9 | 7.9 | 9.0 | 10.2 | 12.5 | 12.5 |
| 87.5° | 5.7 | 5.7 | 6.8 | 7.9 | 9.0 | 10.2 | 10.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)