

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: P181317

Luminaire Tested: **ICM-E01-LED-E1-T3-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181317
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-E01-LED-E1-T3-HSS-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1280 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

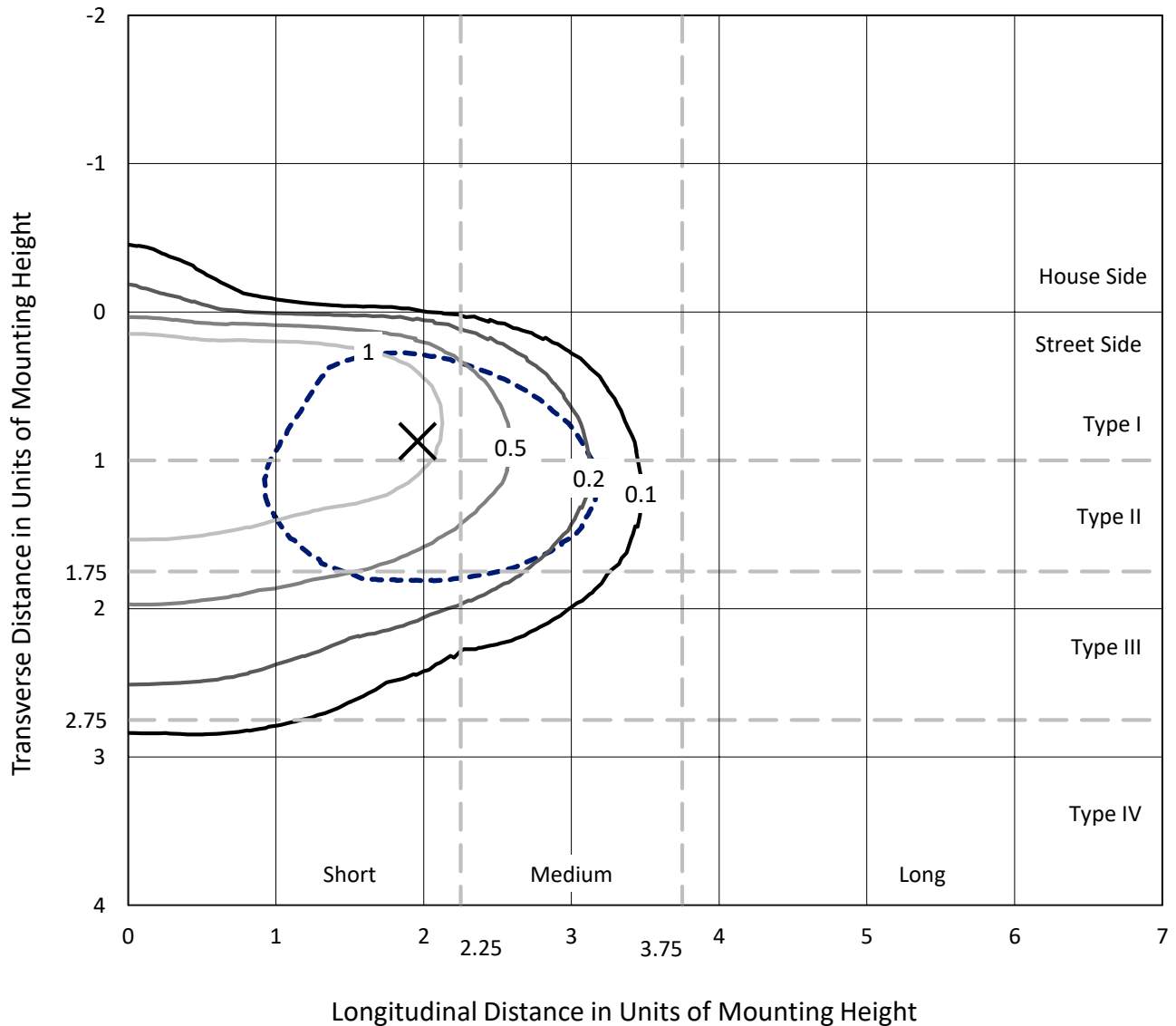
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

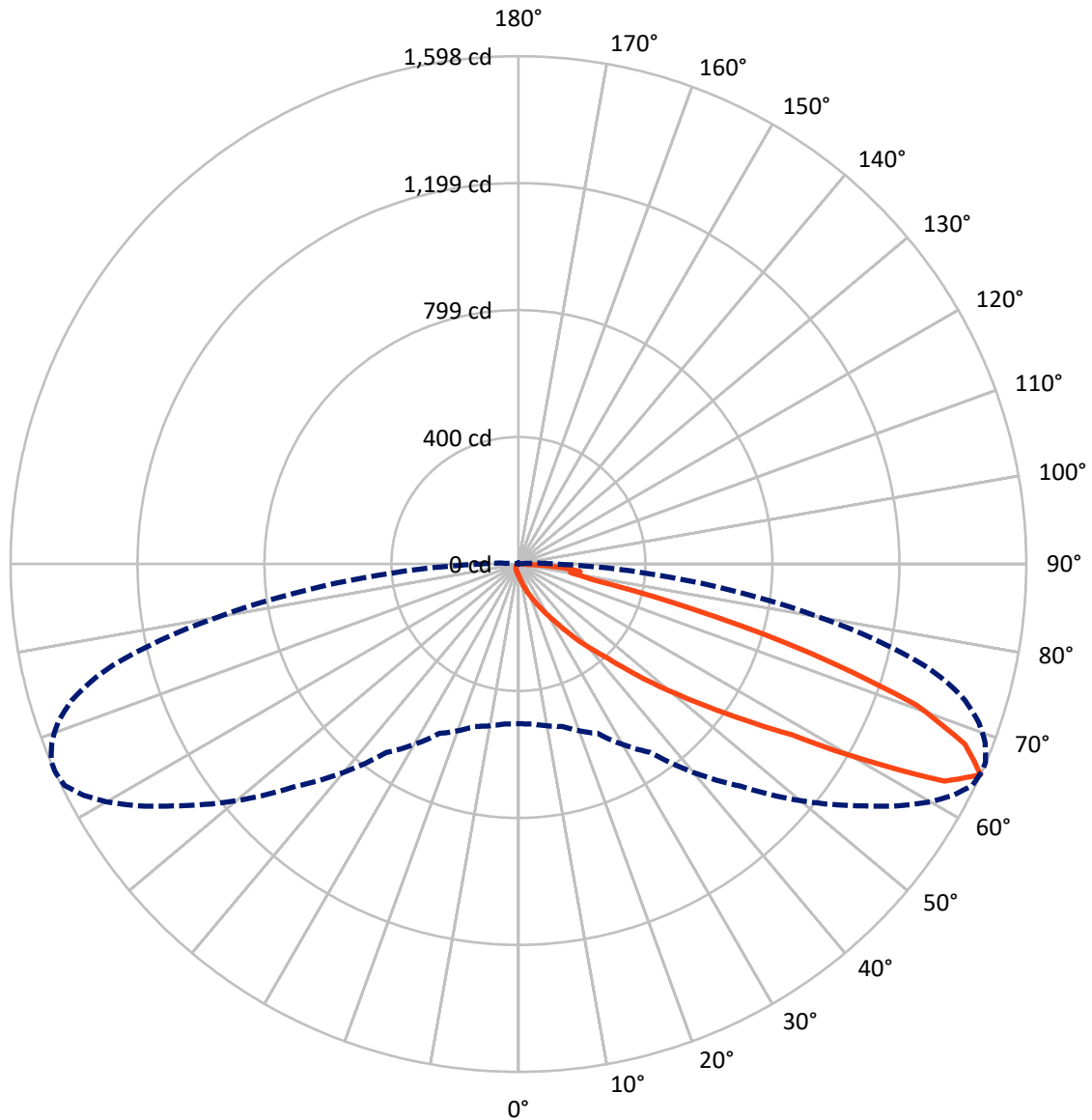
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.9 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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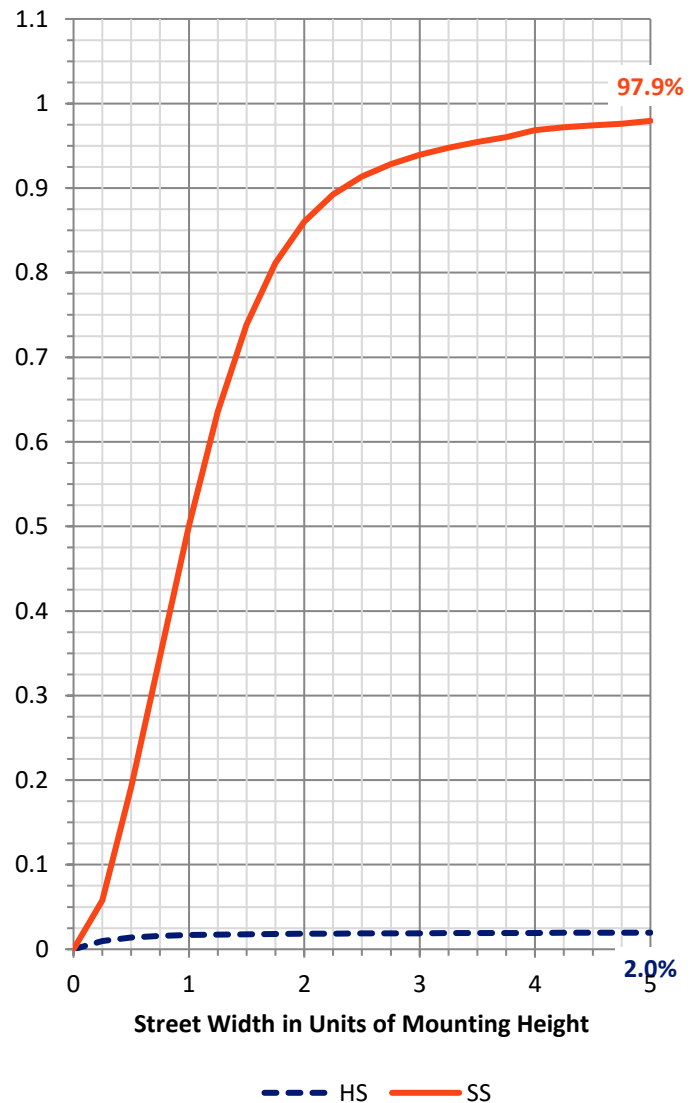
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 25.7 | 0.0 | 25.7 |
| | % Fixture | 2.0 | 0.0 | 2.0 |
| Street Side | Lumens | 1254.3 | 0.0 | 1254.3 |
| | % Fixture | 98.0 | 0.0 | 98.0 |
| Total | Lumens | 1280.0 | 0.0 | 1280.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 4.4 | 0.3 |
| 10°-20° | 20.8 | 1.6 |
| 20°-30° | 47.5 | 3.7 |
| 30°-40° | 90.5 | 7.1 |
| 40°-50° | 181.5 | 14.2 |
| 50°-60° | 321.2 | 25.1 |
| 60°-70° | 419.7 | 32.8 |
| 70°-80° | 172.6 | 13.5 |
| 80°-90° | 21.7 | 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° | 1280.0 | 100.0 |
| 0°-180° | 1280.0 | 100.0 |



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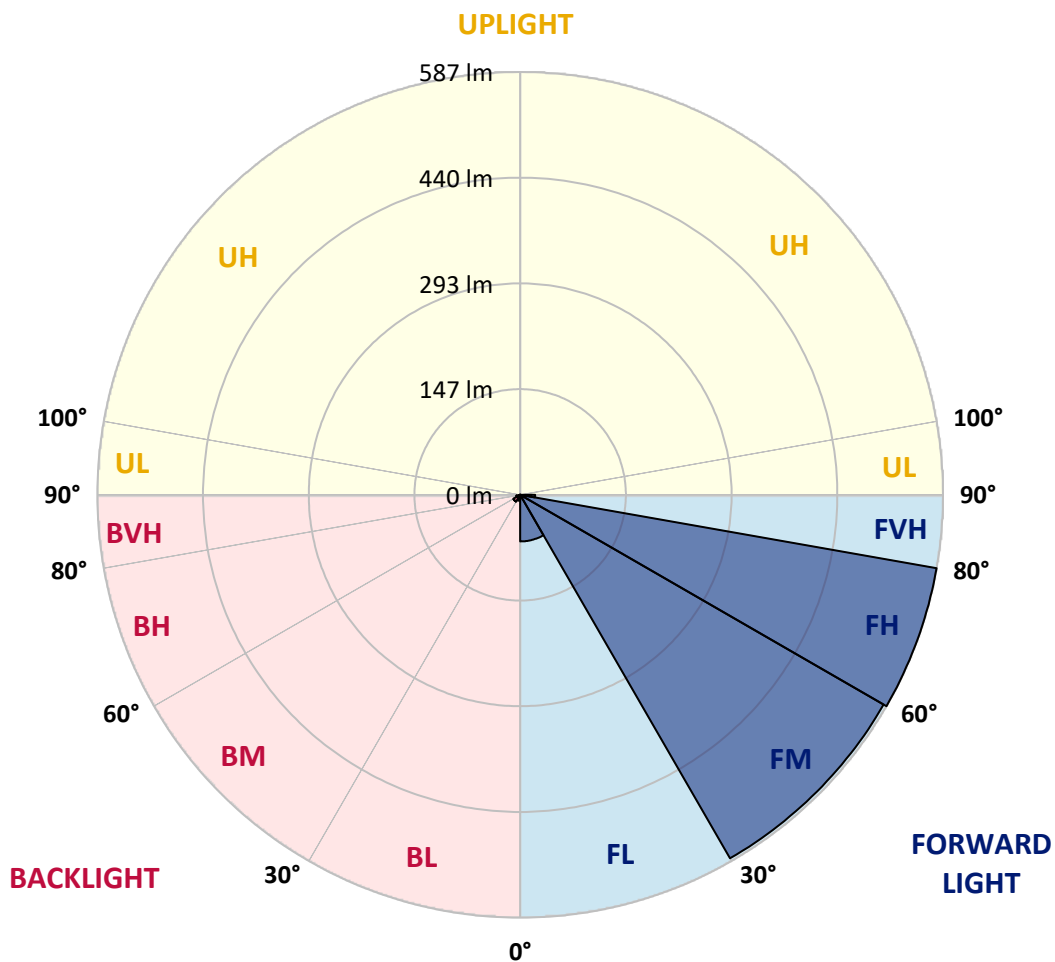
CATALOG NUMBER: ICM-E01-LED-E1-T3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 64.7 | 5.1 | | | |
| FM | (30°-60°) | 582.2 | 45.5 | | | |
| FH | (60°-80°) | 586.6 | 45.8 | | | G0/660 |
| FVH | (80°-90°) | 20.8 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 8.0 | 0.6 | B0/110 | | |
| BM | (30°-60°) | 11.0 | 0.9 | B0/220 | | |
| BH | (60°-80°) | 5.7 | 0.4 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.0 | 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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 2.5° | 47.1 | 46.3 | 46.6 | 45.0 | 44.0 | 42.7 | 41.6 | 41.4 | 41.1 | 40.6 | 40.8 |
| 5° | 67.8 | 67.0 | 65.2 | 62.0 | 59.2 | 54.7 | 50.2 | 50.0 | 49.2 | 48.4 | 47.9 |
| 7.5° | 94.2 | 92.9 | 90.8 | 85.6 | 78.5 | 70.7 | 61.8 | 60.9 | 59.9 | 58.9 | 57.9 |
| 10° | 124.8 | 124.1 | 120.1 | 114.1 | 103.3 | 90.5 | 75.6 | 74.9 | 72.5 | 71.2 | 70.1 |
| 12.5° | 157.0 | 153.6 | 152.1 | 141.6 | 129.3 | 111.7 | 92.7 | 89.8 | 87.9 | 86.1 | 83.4 |
| 15° | 181.4 | 181.9 | 178.2 | 169.9 | 155.4 | 135.1 | 111.3 | 108.1 | 105.5 | 102.0 | 98.9 |
| 17.5° | 203.4 | 202.3 | 198.3 | 193.1 | 179.5 | 158.9 | 131.1 | 126.9 | 122.7 | 120.9 | 116.5 |
| 20° | 221.1 | 220.7 | 217.5 | 212.5 | 202.0 | 182.1 | 152.1 | 148.7 | 143.9 | 140.8 | 135.8 |
| 22.5° | 235.3 | 235.3 | 233.4 | 230.6 | 220.4 | 204.4 | 174.3 | 170.6 | 166.0 | 162.0 | 156.5 |
| 25° | 246.5 | 246.2 | 246.5 | 245.2 | 238.4 | 223.7 | 197.0 | 192.8 | 188.9 | 184.3 | 179.0 |
| 27.5° | 259.4 | 259.9 | 259.4 | 258.6 | 255.7 | 243.9 | 220.1 | 217.2 | 212.7 | 207.8 | 202.5 |
| 30° | 279.3 | 277.7 | 277.4 | 276.8 | 273.5 | 266.1 | 243.9 | 240.5 | 237.1 | 233.7 | 230.0 |
| 32.5° | 300.2 | 297.6 | 296.7 | 296.7 | 294.4 | 287.9 | 271.4 | 269.6 | 264.6 | 262.0 | 258.8 |
| 35° | 324.0 | 323.0 | 321.9 | 322.1 | 321.1 | 314.3 | 300.7 | 301.2 | 299.6 | 294.4 | 291.3 |
| 37.5° | 358.8 | 359.1 | 357.2 | 353.9 | 353.9 | 347.8 | 339.9 | 338.9 | 335.0 | 333.7 | 331.8 |
| 40° | 408.6 | 407.2 | 405.7 | 400.7 | 398.8 | 388.7 | 381.3 | 378.7 | 375.5 | 375.3 | 373.2 |
| 42.5° | 466.0 | 464.6 | 464.6 | 460.8 | 457.2 | 444.9 | 431.1 | 429.2 | 425.8 | 426.8 | 426.0 |
| 45° | 519.4 | 520.7 | 522.6 | 525.2 | 525.8 | 520.6 | 500.4 | 498.0 | 496.2 | 495.2 | 494.3 |
| 47.5° | 565.6 | 567.9 | 574.0 | 585.2 | 599.5 | 601.4 | 585.4 | 579.2 | 577.9 | 576.0 | 574.4 |
| 50° | 598.5 | 602.0 | 615.5 | 637.5 | 665.5 | 682.8 | 674.1 | 668.9 | 668.7 | 663.7 | 663.2 |
| 52.5° | 617.4 | 621.0 | 643.3 | 676.5 | 719.9 | 753.7 | 764.5 | 764.2 | 763.6 | 759.2 | 757.4 |
| 55° | 621.6 | 625.5 | 652.2 | 697.4 | 759.4 | 817.9 | 858.9 | 860.0 | 862.3 | 861.0 | 861.0 |
| 57.5° | 610.1 | 615.0 | 644.1 | 700.1 | 780.1 | 868.6 | 958.3 | 964.4 | 967.3 | 977.5 | 989.2 |
| 60° | 588.8 | 592.5 | 621.6 | 684.1 | 783.8 | 914.9 | 1087.6 | 1106.7 | 1121.7 | 1141.8 | 1160.9 |
| 62.5° | 549.6 | 556.9 | 584.7 | 652.7 | 772.8 | 968.3 | 1242.1 | 1277.4 | 1306.4 | 1337.0 | 1374.0 |
| 65° | 502.0 | 505.1 | 528.7 | 588.0 | 723.6 | 988.8 | 1327.4 | 1361.9 | 1399.1 | 1431.8 | 1464.8 |
| 67.5° | 442.2 | 444.9 | 465.3 | 490.7 | 597.2 | 893.2 | 1243.4 | 1281.6 | 1315.1 | 1342.1 | 1385.2 |
| 70° | 289.7 | 295.4 | 345.5 | 370.6 | 417.4 | 660.3 | 1016.8 | 1053.6 | 1079.3 | 1097.6 | 1147.5 |
| 72.5° | 212.3 | 215.9 | 236.1 | 287.9 | 299.4 | 390.2 | 715.5 | 755.5 | 764.9 | 799.5 | 822.8 |
| 75° | 129.6 | 138.7 | 184.3 | 246.5 | 291.8 | 267.2 | 428.7 | 448.0 | 469.8 | 494.9 | 517.1 |
| 77.5° | 26.1 | 29.9 | 60.2 | 169.9 | 256.7 | 285.5 | 255.9 | 259.6 | 270.3 | 272.7 | 281.0 |
| 80° | 4.2 | 4.5 | 7.8 | 73.3 | 148.7 | 230.8 | 255.9 | 252.6 | 246.5 | 242.3 | 238.1 |
| 82.5° | 1.9 | 2.1 | 3.4 | 18.6 | 31.6 | 76.9 | 221.4 | 238.7 | 258.6 | 269.6 | 272.5 |
| 85° | 0.7 | 0.7 | 1.3 | 3.6 | 4.7 | 5.2 | 37.4 | 49.5 | 88.2 | 117.2 | 135.1 |
| 87.5° | 0.6 | 0.6 | 0.7 | 0.7 | 1.0 | 1.3 | 1.9 | 1.9 | 2.1 | 2.3 | 3.4 |
| 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):

| | 60° | 61° | 62° | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 2.5° | 40.8 | 40.6 | 40.6 | 39.8 | 39.8 | 39.5 | 39.5 | 39.3 | 39.3 | 38.7 | 39.0 |
| 5° | 47.6 | 47.1 | 46.6 | 45.8 | 45.6 | 45.0 | 44.5 | 43.7 | 43.4 | 42.9 | 42.7 |
| 7.5° | 56.7 | 56.3 | 55.3 | 53.7 | 52.6 | 51.5 | 50.5 | 49.5 | 48.7 | 47.9 | 47.3 |
| 10° | 68.0 | 66.5 | 66.0 | 62.8 | 61.5 | 59.4 | 58.1 | 57.0 | 55.4 | 54.1 | 53.4 |
| 12.5° | 81.7 | 80.4 | 77.8 | 73.6 | 71.4 | 69.6 | 67.3 | 65.2 | 63.6 | 61.2 | 59.6 |
| 15° | 95.8 | 94.7 | 91.1 | 86.3 | 83.7 | 80.4 | 78.0 | 75.9 | 72.5 | 70.9 | 68.0 |
| 17.5° | 113.6 | 110.4 | 106.8 | 100.0 | 96.6 | 93.7 | 89.5 | 86.3 | 84.3 | 79.5 | 76.9 |
| 20° | 131.9 | 128.5 | 123.8 | 116.2 | 111.4 | 107.1 | 103.6 | 99.4 | 95.0 | 91.8 | 87.4 |
| 22.5° | 152.8 | 147.3 | 143.7 | 134.2 | 128.7 | 124.1 | 118.3 | 113.9 | 109.4 | 104.5 | 99.4 |
| 25° | 175.1 | 169.6 | 165.1 | 154.4 | 148.7 | 143.9 | 137.1 | 130.9 | 125.4 | 119.8 | 114.1 |
| 27.5° | 198.3 | 193.4 | 188.5 | 177.4 | 172.5 | 166.0 | 159.6 | 152.3 | 145.2 | 140.3 | 132.5 |
| 30° | 225.3 | 221.1 | 215.6 | 203.9 | 198.3 | 191.5 | 185.0 | 176.4 | 169.6 | 162.8 | 155.2 |
| 32.5° | 254.4 | 251.0 | 245.2 | 234.8 | 228.2 | 222.4 | 215.4 | 207.0 | 197.3 | 190.2 | 181.4 |
| 35° | 289.7 | 283.9 | 280.6 | 270.6 | 265.7 | 259.4 | 252.0 | 244.7 | 234.5 | 224.6 | 216.9 |
| 37.5° | 330.0 | 327.4 | 323.0 | 313.5 | 309.9 | 303.4 | 298.6 | 291.3 | 283.4 | 270.9 | 262.8 |
| 40° | 371.4 | 369.5 | 365.6 | 356.2 | 352.6 | 348.1 | 342.6 | 335.5 | 326.0 | 319.5 | 307.5 |
| 42.5° | 424.0 | 421.1 | 418.0 | 409.0 | 402.0 | 396.5 | 394.1 | 388.1 | 378.1 | 369.8 | 360.4 |
| 45° | 490.7 | 489.4 | 485.2 | 476.3 | 469.2 | 465.6 | 461.9 | 451.7 | 445.1 | 436.7 | 430.2 |
| 47.5° | 571.3 | 567.1 | 565.0 | 555.1 | 552.7 | 549.9 | 540.4 | 534.7 | 525.2 | 518.7 | 510.6 |
| 50° | 658.4 | 654.0 | 654.2 | 642.2 | 642.7 | 640.7 | 633.6 | 626.8 | 618.7 | 612.9 | 607.9 |
| 52.5° | 752.1 | 754.2 | 749.0 | 752.7 | 748.5 | 743.7 | 742.4 | 734.1 | 727.0 | 726.8 | 719.9 |
| 55° | 867.3 | 863.9 | 865.2 | 868.8 | 863.1 | 868.4 | 865.7 | 855.0 | 855.3 | 857.3 | 849.5 |
| 57.5° | 991.1 | 996.0 | 1006.8 | 1009.1 | 1019.1 | 1012.3 | 1030.1 | 1017.2 | 1025.1 | 1025.1 | 1019.8 |
| 60° | 1172.7 | 1192.6 | 1218.5 | 1238.6 | 1257.2 | 1251.2 | 1274.5 | 1259.8 | 1270.3 | 1261.4 | 1256.9 |
| 62.5° | 1391.5 | 1417.9 | 1448.6 | 1481.2 | 1500.1 | 1504.8 | 1501.4 | 1507.9 | 1497.8 | 1491.2 | 1474.1 |
| 65° | 1496.7 | 1522.9 | 1549.6 | 1588.8 | 1594.1 | 1598.0 | 1596.4 | 1585.4 | 1572.8 | 1554.2 | 1532.0 |
| 67.5° | 1409.3 | 1445.9 | 1460.8 | 1506.1 | 1521.3 | 1515.8 | 1517.6 | 1503.5 | 1483.8 | 1465.5 | 1432.8 |
| 70° | 1168.5 | 1210.4 | 1218.2 | 1283.2 | 1301.2 | 1327.4 | 1318.0 | 1313.8 | 1292.3 | 1276.8 | 1240.8 |
| 72.5° | 850.8 | 883.5 | 880.9 | 953.9 | 950.8 | 961.5 | 986.9 | 985.9 | 963.4 | 958.3 | 928.0 |
| 75° | 523.6 | 543.3 | 542.2 | 594.1 | 572.4 | 569.2 | 576.3 | 573.1 | 551.9 | 530.0 | 511.1 |
| 77.5° | 277.4 | 286.3 | 276.8 | 261.4 | 259.9 | 242.3 | 237.4 | 237.1 | 220.8 | 201.0 | 186.3 |
| 80° | 233.7 | 224.6 | 213.6 | 191.1 | 178.0 | 166.1 | 155.2 | 145.0 | 134.0 | 119.3 | 101.6 |
| 82.5° | 272.9 | 268.5 | 260.7 | 232.4 | 218.8 | 195.3 | 177.7 | 161.2 | 141.0 | 125.9 | 103.1 |
| 85° | 132.9 | 132.7 | 139.0 | 136.1 | 131.1 | 130.0 | 112.8 | 109.1 | 101.0 | 92.7 | 77.5 |
| 87.5° | 3.6 | 2.6 | 3.2 | 2.6 | 3.2 | 3.4 | 2.3 | 5.5 | 3.4 | 3.2 | 3.6 |
| 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-E01-LED-E1-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 2.5° | 38.7 | 38.5 | 38.2 | 38.2 | 38.0 | 38.0 | 37.7 | 37.4 | 37.4 | 37.1 | 37.1 |
| 5° | 42.1 | 41.6 | 41.4 | 41.1 | 40.6 | 40.3 | 39.8 | 39.5 | 39.0 | 38.7 | 38.2 |
| 7.5° | 46.3 | 45.8 | 44.7 | 44.2 | 43.4 | 43.2 | 41.9 | 41.4 | 40.8 | 40.3 | 39.5 |
| 10° | 51.5 | 50.2 | 49.2 | 48.2 | 46.9 | 45.8 | 44.7 | 44.0 | 42.9 | 41.6 | 41.1 |
| 12.5° | 58.1 | 56.3 | 54.7 | 52.8 | 51.3 | 49.8 | 47.9 | 46.6 | 45.0 | 43.7 | 42.4 |
| 15° | 65.4 | 62.8 | 60.7 | 58.1 | 55.4 | 53.7 | 51.8 | 50.0 | 47.9 | 46.0 | 44.5 |
| 17.5° | 73.8 | 70.4 | 67.5 | 64.4 | 61.5 | 58.9 | 55.7 | 53.4 | 51.1 | 48.4 | 46.3 |
| 20° | 82.7 | 79.3 | 75.3 | 72.0 | 67.8 | 64.9 | 60.9 | 57.9 | 54.4 | 51.8 | 48.9 |
| 22.5° | 94.5 | 90.0 | 85.0 | 80.4 | 75.9 | 71.4 | 67.3 | 63.3 | 59.2 | 55.3 | 52.4 |
| 25° | 108.4 | 102.9 | 96.6 | 91.8 | 85.6 | 80.6 | 75.3 | 70.4 | 66.0 | 60.9 | 56.3 |
| 27.5° | 125.6 | 118.3 | 111.4 | 104.9 | 98.1 | 91.8 | 85.0 | 79.3 | 73.3 | 67.5 | 62.3 |
| 30° | 145.8 | 138.7 | 128.5 | 121.2 | 114.3 | 105.8 | 98.9 | 91.3 | 84.6 | 76.2 | 70.4 |
| 32.5° | 172.5 | 163.3 | 152.6 | 142.9 | 134.0 | 124.3 | 114.9 | 105.2 | 96.3 | 88.7 | 80.1 |
| 35° | 207.3 | 196.6 | 183.7 | 171.4 | 161.5 | 149.7 | 137.7 | 126.7 | 116.5 | 105.5 | 94.7 |
| 37.5° | 251.3 | 241.3 | 227.4 | 212.5 | 199.2 | 185.0 | 172.5 | 157.0 | 143.4 | 130.0 | 116.5 |
| 40° | 295.0 | 285.8 | 271.4 | 255.4 | 238.1 | 222.0 | 206.0 | 188.5 | 171.2 | 154.4 | 140.3 |
| 42.5° | 348.8 | 335.3 | 319.8 | 301.8 | 285.0 | 265.7 | 245.8 | 225.6 | 204.9 | 184.7 | 164.7 |
| 45° | 416.7 | 406.1 | 384.5 | 365.1 | 345.2 | 322.4 | 297.9 | 274.8 | 248.4 | 224.6 | 197.9 |
| 47.5° | 499.1 | 480.2 | 464.3 | 446.4 | 421.6 | 399.6 | 368.2 | 341.0 | 308.0 | 276.4 | 244.5 |
| 50° | 596.5 | 586.0 | 564.7 | 542.5 | 515.5 | 489.4 | 458.8 | 419.5 | 380.0 | 346.2 | 302.5 |
| 52.5° | 710.2 | 695.4 | 682.0 | 659.0 | 631.5 | 598.0 | 563.2 | 520.6 | 472.1 | 424.5 | 377.9 |
| 55° | 845.3 | 834.8 | 822.1 | 803.7 | 768.7 | 730.7 | 688.8 | 637.8 | 580.5 | 516.4 | 462.1 |
| 57.5° | 1019.6 | 1008.6 | 996.3 | 958.6 | 934.8 | 888.2 | 827.5 | 774.6 | 712.8 | 630.7 | 563.4 |
| 60° | 1257.5 | 1242.6 | 1225.3 | 1194.7 | 1144.9 | 1084.5 | 1019.4 | 941.1 | 865.5 | 775.7 | 687.5 |
| 62.5° | 1460.8 | 1437.0 | 1400.1 | 1360.6 | 1300.9 | 1231.5 | 1149.7 | 1057.6 | 971.4 | 870.4 | 772.3 |
| 65° | 1502.7 | 1470.0 | 1426.5 | 1375.0 | 1313.5 | 1235.3 | 1149.7 | 1061.5 | 960.2 | 865.2 | 766.5 |
| 67.5° | 1393.9 | 1355.9 | 1311.4 | 1253.9 | 1195.2 | 1114.6 | 1040.8 | 951.1 | 855.8 | 773.6 | 685.4 |
| 70° | 1214.8 | 1158.5 | 1113.0 | 1051.8 | 992.4 | 929.0 | 851.4 | 784.1 | 706.6 | 631.0 | 563.4 |
| 72.5° | 912.3 | 856.8 | 815.4 | 766.5 | 731.2 | 664.2 | 607.2 | 556.9 | 511.1 | 454.6 | 404.6 |
| 75° | 491.7 | 450.1 | 422.4 | 400.2 | 368.5 | 324.3 | 297.0 | 262.5 | 243.2 | 219.5 | 196.8 |
| 77.5° | 160.5 | 141.3 | 120.7 | 100.5 | 86.3 | 64.9 | 62.8 | 50.0 | 47.1 | 45.8 | 35.3 |
| 80° | 82.1 | 63.3 | 45.8 | 32.9 | 25.1 | 22.2 | 21.2 | 20.2 | 19.1 | 18.3 | 17.0 |
| 82.5° | 82.4 | 59.6 | 41.1 | 28.6 | 20.7 | 17.3 | 16.2 | 15.7 | 14.9 | 14.1 | 13.1 |
| 85° | 60.2 | 44.5 | 30.6 | 20.9 | 14.4 | 11.5 | 11.0 | 10.2 | 9.7 | 9.4 | 8.4 |
| 87.5° | 3.9 | 2.9 | 2.6 | 2.3 | 2.3 | 2.3 | 2.6 | 2.3 | 2.6 | 2.6 | 2.3 |
| 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: P181317

CATALOG NUMBER: ICM-E01-LED-E1-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| 0° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 2.5° | 36.9 | 36.7 | 36.7 | 36.4 | 36.1 | 36.1 | 35.8 | 35.8 | 35.1 | 33.8 | 32.7 |
| 5° | 38.0 | 37.4 | 37.1 | 36.9 | 36.7 | 36.1 | 35.8 | 35.6 | 34.3 | 31.6 | 29.6 |
| 7.5° | 38.7 | 38.2 | 38.0 | 37.4 | 36.7 | 36.4 | 35.8 | 35.3 | 33.2 | 29.6 | 27.3 |
| 10° | 40.0 | 39.3 | 38.5 | 37.7 | 36.9 | 36.4 | 35.6 | 35.1 | 31.9 | 27.7 | 25.4 |
| 12.5° | 41.4 | 40.3 | 39.3 | 38.0 | 37.1 | 36.4 | 35.6 | 34.5 | 30.9 | 26.1 | 23.5 |
| 15° | 42.9 | 41.4 | 40.0 | 38.7 | 37.4 | 36.4 | 35.1 | 34.3 | 29.9 | 24.8 | 22.5 |
| 17.5° | 44.5 | 42.7 | 40.8 | 39.0 | 37.7 | 36.1 | 35.1 | 33.8 | 28.7 | 23.8 | 21.2 |
| 20° | 46.3 | 43.7 | 41.9 | 39.8 | 38.0 | 36.1 | 34.5 | 33.2 | 27.7 | 22.5 | 19.9 |
| 22.5° | 48.9 | 45.8 | 42.9 | 40.6 | 38.2 | 36.4 | 34.5 | 32.7 | 26.7 | 21.5 | 18.9 |
| 25° | 52.4 | 48.4 | 45.0 | 42.1 | 39.3 | 36.9 | 34.8 | 32.9 | 26.0 | 20.7 | 17.5 |
| 27.5° | 57.3 | 52.4 | 48.7 | 44.7 | 41.1 | 38.2 | 35.6 | 33.5 | 25.4 | 19.9 | 16.7 |
| 30° | 63.3 | 58.3 | 52.6 | 47.9 | 44.0 | 40.0 | 37.1 | 34.0 | 24.8 | 19.1 | 15.7 |
| 32.5° | 72.2 | 65.2 | 58.3 | 52.6 | 47.1 | 42.7 | 38.5 | 35.3 | 24.6 | 17.8 | 14.7 |
| 35° | 85.0 | 75.3 | 67.3 | 59.6 | 52.1 | 46.6 | 41.6 | 37.4 | 24.4 | 16.7 | 13.6 |
| 37.5° | 103.3 | 91.8 | 81.4 | 70.7 | 61.2 | 53.4 | 46.6 | 41.1 | 24.4 | 16.0 | 12.6 |
| 40° | 123.0 | 108.1 | 94.7 | 81.4 | 69.4 | 59.4 | 50.2 | 43.4 | 23.8 | 14.9 | 11.5 |
| 42.5° | 145.2 | 126.9 | 108.7 | 92.1 | 77.2 | 64.4 | 53.7 | 45.3 | 22.5 | 13.9 | 10.5 |
| 45° | 175.1 | 151.0 | 129.0 | 107.8 | 88.5 | 71.7 | 58.1 | 47.3 | 21.2 | 13.1 | 9.4 |
| 47.5° | 212.5 | 184.5 | 156.0 | 129.3 | 103.9 | 82.7 | 64.7 | 50.8 | 20.4 | 12.0 | 8.7 |
| 50° | 268.3 | 228.5 | 190.8 | 156.7 | 124.6 | 96.8 | 74.3 | 55.7 | 19.6 | 11.3 | 7.8 |
| 52.5° | 329.5 | 280.6 | 236.3 | 192.7 | 152.6 | 115.9 | 85.6 | 62.3 | 18.9 | 10.5 | 7.1 |
| 55° | 404.1 | 343.9 | 290.0 | 233.2 | 181.9 | 138.1 | 99.4 | 69.6 | 17.8 | 9.7 | 6.5 |
| 57.5° | 496.2 | 420.0 | 356.2 | 286.8 | 222.4 | 167.0 | 118.0 | 82.0 | 16.7 | 8.7 | 5.8 |
| 60° | 599.1 | 512.9 | 432.6 | 351.2 | 273.2 | 205.2 | 145.5 | 99.4 | 15.7 | 7.6 | 4.9 |
| 62.5° | 673.1 | 578.6 | 486.8 | 395.4 | 309.9 | 233.7 | 167.7 | 113.0 | 14.1 | 6.5 | 4.5 |
| 65° | 672.3 | 576.6 | 484.2 | 394.1 | 310.9 | 234.8 | 168.6 | 115.6 | 12.6 | 5.8 | 3.9 |
| 67.5° | 599.1 | 518.4 | 436.0 | 355.2 | 282.4 | 213.6 | 156.0 | 107.3 | 10.7 | 5.2 | 3.4 |
| 70° | 492.7 | 428.7 | 363.5 | 299.4 | 241.0 | 182.9 | 134.8 | 93.4 | 9.1 | 4.7 | 2.9 |
| 72.5° | 359.8 | 313.0 | 273.2 | 227.9 | 188.2 | 144.5 | 107.5 | 73.3 | 7.3 | 3.9 | 2.6 |
| 75° | 178.7 | 159.9 | 137.1 | 123.0 | 104.9 | 85.9 | 66.7 | 42.7 | 6.0 | 3.2 | 2.3 |
| 77.5° | 34.0 | 30.3 | 29.0 | 25.1 | 23.1 | 20.4 | 18.0 | 12.8 | 4.7 | 2.3 | 2.1 |
| 80° | 15.7 | 14.4 | 13.1 | 11.8 | 10.5 | 8.9 | 7.8 | 6.8 | 3.6 | 1.9 | 2.3 |
| 82.5° | 12.3 | 11.3 | 10.0 | 8.9 | 7.8 | 6.8 | 5.8 | 4.9 | 2.3 | 1.6 | 2.3 |
| 85° | 8.1 | 7.1 | 6.3 | 5.5 | 4.7 | 4.2 | 3.6 | 3.2 | 1.6 | 1.6 | 1.6 |
| 87.5° | 2.3 | 2.3 | 2.1 | 2.1 | 1.9 | 1.9 | 1.6 | 1.6 | 1.3 | 1.3 | 1.3 |
| 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: P181317

CATALOG NUMBER: ICM-E01-LED-E1-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|------|------|
| 0° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 2.5° | 31.6 | 30.3 | 29.9 | 29.6 | 29.6 | 29.9 | 29.6 |
| 5° | 28.0 | 26.7 | 26.1 | 25.7 | 25.7 | 25.7 | 26.0 |
| 7.5° | 25.7 | 24.4 | 23.5 | 23.3 | 23.1 | 23.3 | 23.3 |
| 10° | 23.5 | 22.5 | 21.5 | 20.9 | 20.9 | 20.9 | 20.9 |
| 12.5° | 22.0 | 20.7 | 19.6 | 19.3 | 19.1 | 19.1 | 19.1 |
| 15° | 20.7 | 19.1 | 18.3 | 17.8 | 17.5 | 17.5 | 17.8 |
| 17.5° | 19.1 | 17.8 | 16.7 | 16.5 | 16.5 | 16.5 | 16.5 |
| 20° | 18.0 | 16.5 | 15.7 | 15.2 | 15.2 | 15.2 | 15.2 |
| 22.5° | 16.7 | 15.4 | 14.4 | 13.9 | 13.9 | 13.9 | 13.9 |
| 25° | 15.7 | 14.4 | 13.3 | 12.8 | 12.8 | 12.8 | 12.8 |
| 27.5° | 14.7 | 13.3 | 12.3 | 11.8 | 11.8 | 11.8 | 11.8 |
| 30° | 13.6 | 12.3 | 11.3 | 10.7 | 10.7 | 10.7 | 10.7 |
| 32.5° | 12.8 | 11.3 | 10.2 | 9.7 | 9.7 | 10.0 | 9.7 |
| 35° | 11.5 | 10.2 | 9.1 | 8.7 | 8.7 | 8.7 | 8.7 |
| 37.5° | 10.5 | 9.1 | 8.1 | 7.6 | 7.6 | 7.6 | 7.3 |
| 40° | 9.7 | 8.1 | 7.1 | 6.5 | 6.3 | 6.3 | 6.3 |
| 42.5° | 8.4 | 6.8 | 6.0 | 5.5 | 5.2 | 5.2 | 5.2 |
| 45° | 7.6 | 6.0 | 4.9 | 4.5 | 4.5 | 4.5 | 4.5 |
| 47.5° | 6.8 | 5.2 | 4.2 | 3.6 | 3.6 | 3.9 | 3.9 |
| 50° | 6.0 | 4.5 | 3.4 | 3.4 | 3.4 | 3.6 | 3.6 |
| 52.5° | 5.2 | 3.9 | 3.2 | 3.2 | 3.4 | 3.6 | 3.6 |
| 55° | 4.7 | 3.4 | 2.9 | 3.2 | 3.4 | 3.6 | 3.6 |
| 57.5° | 4.2 | 2.9 | 2.9 | 3.2 | 3.4 | 3.6 | 3.6 |
| 60° | 3.6 | 2.6 | 2.6 | 2.9 | 3.4 | 3.6 | 3.6 |
| 62.5° | 3.2 | 2.6 | 2.6 | 2.9 | 3.4 | 3.6 | 3.6 |
| 65° | 2.9 | 2.6 | 2.6 | 2.9 | 3.4 | 3.6 | 3.6 |
| 67.5° | 2.6 | 2.3 | 2.6 | 2.9 | 3.2 | 3.4 | 3.4 |
| 70° | 2.3 | 2.3 | 2.6 | 2.9 | 3.2 | 3.4 | 3.4 |
| 72.5° | 2.3 | 2.3 | 2.3 | 2.6 | 2.9 | 3.2 | 3.2 |
| 75° | 2.3 | 2.3 | 2.3 | 2.6 | 2.9 | 3.2 | 3.2 |
| 77.5° | 2.3 | 2.1 | 2.1 | 2.3 | 2.9 | 3.2 | 3.2 |
| 80° | 2.3 | 2.1 | 2.1 | 2.3 | 2.6 | 3.2 | 3.2 |
| 82.5° | 1.9 | 1.9 | 2.1 | 2.3 | 2.6 | 2.9 | 2.9 |
| 85° | 1.6 | 1.9 | 1.9 | 2.1 | 2.3 | 2.9 | 2.9 |
| 87.5° | 1.3 | 1.3 | 1.6 | 1.9 | 2.1 | 2.3 | 2.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)