

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: P181522

Luminaire Tested: **ICM-F01-LED-E1-T4-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181522  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33725)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F01-LED-E1-T4-HSS-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ HOUSE SIDE SHIELD  
Light Source: (7) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1253.5 lumens  
Efficiency: N/A  
Efficacy: 48.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G1

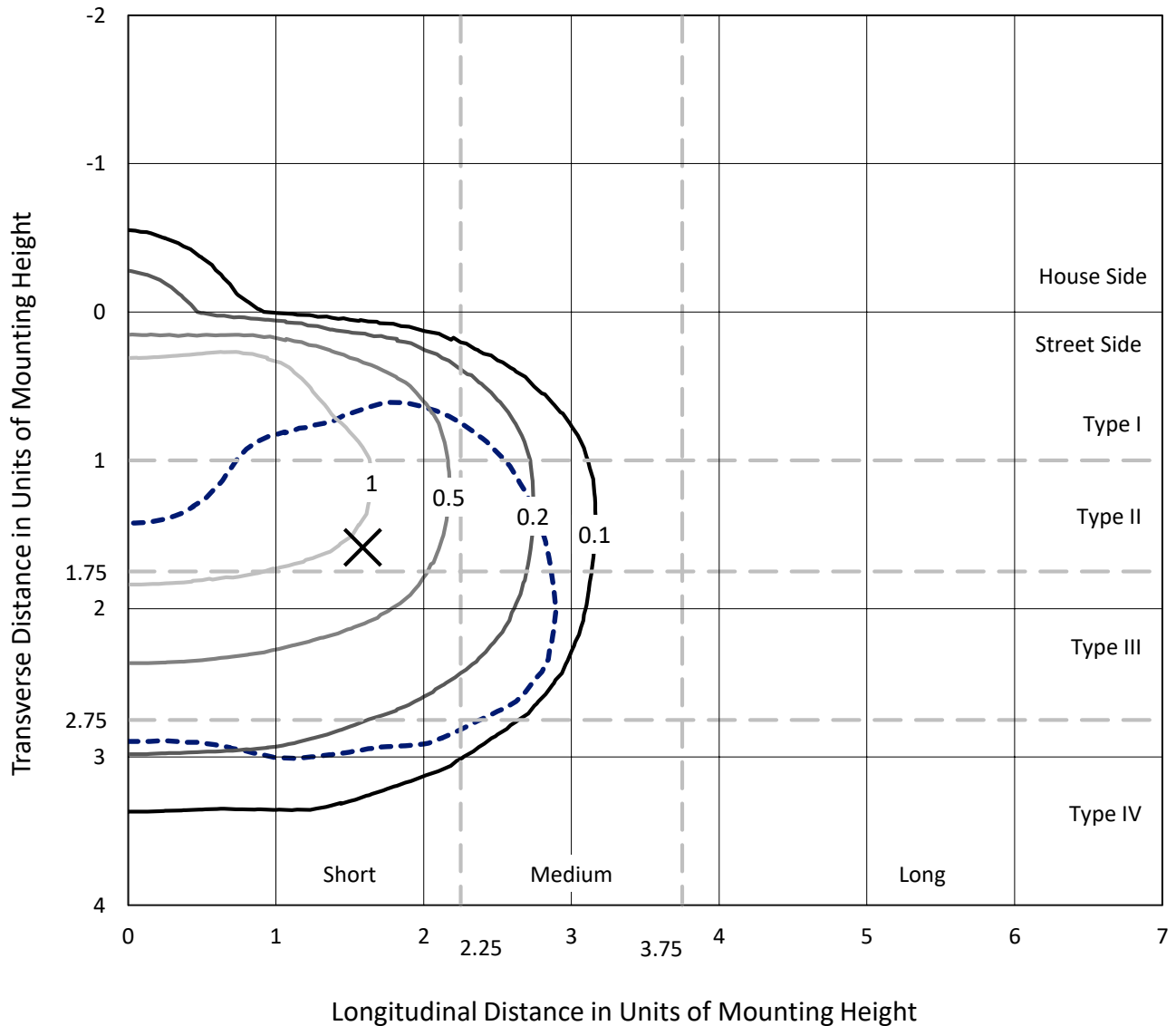
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

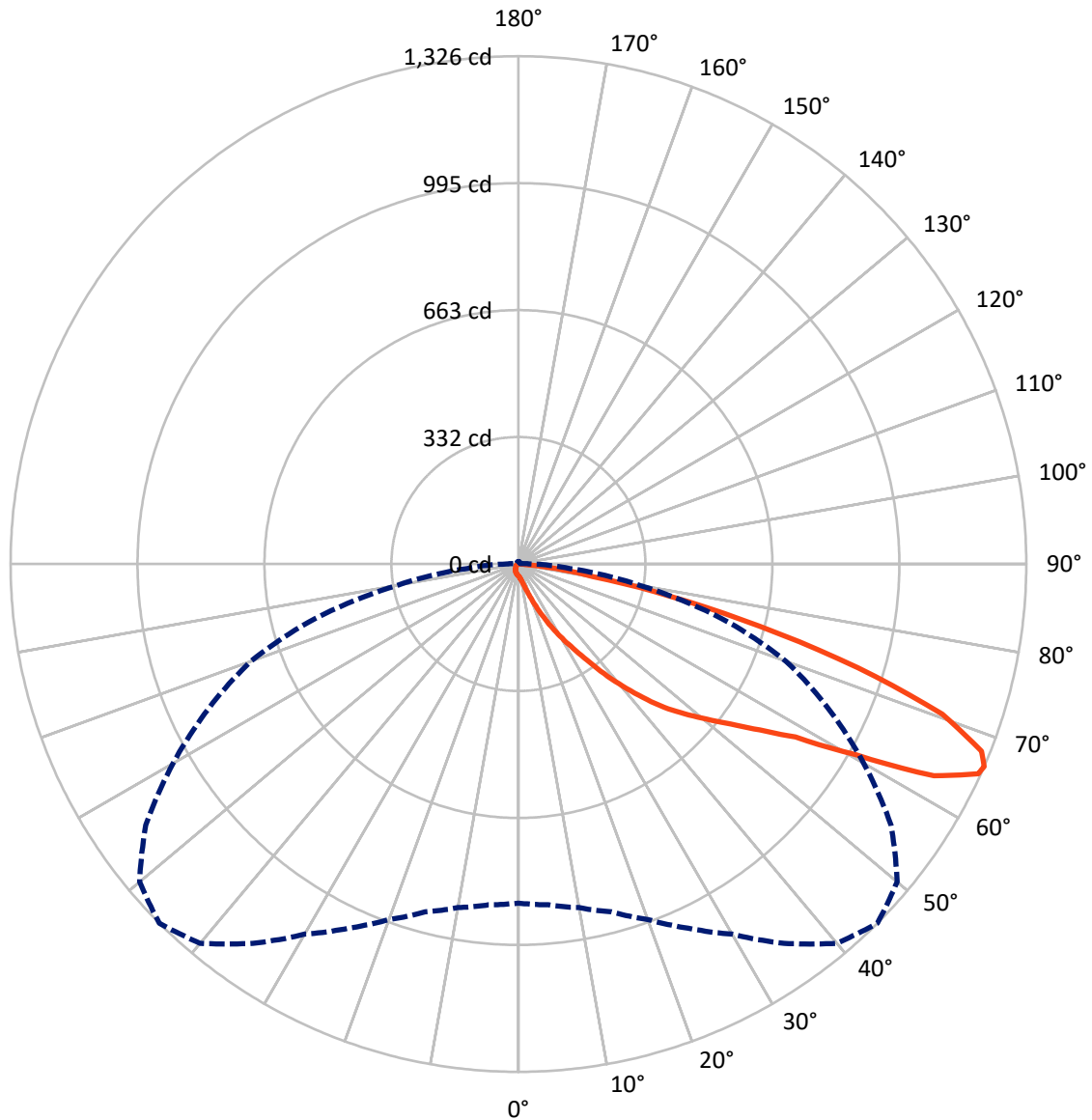
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2 fc  
 Type IV - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical

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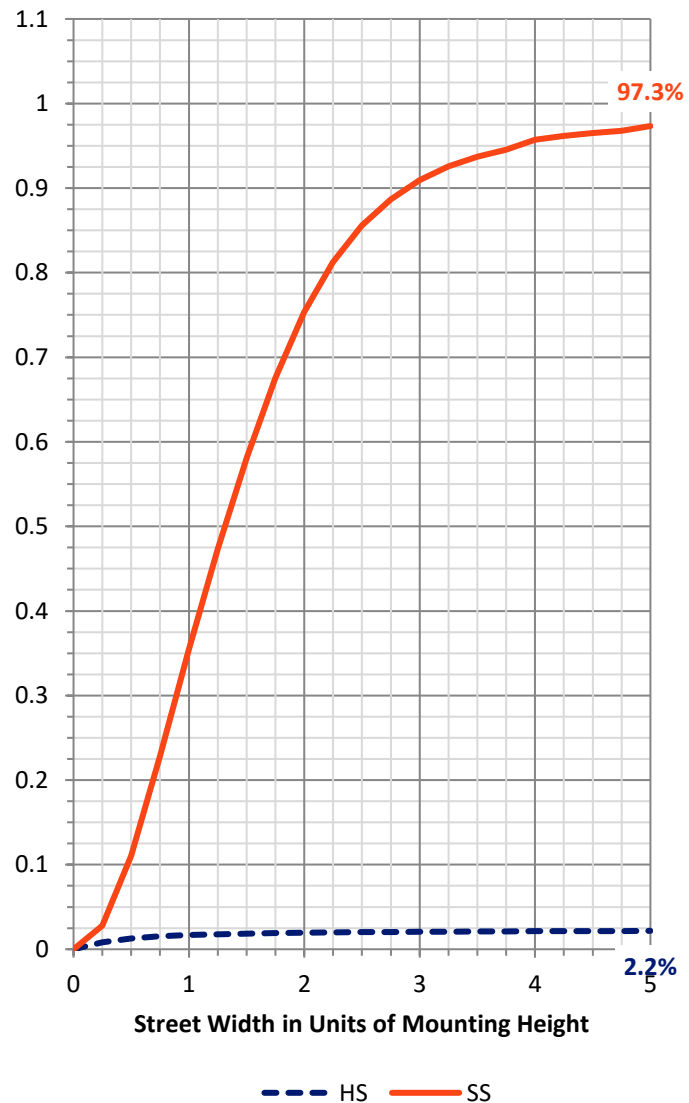
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 28.4     | 0.0    | 28.4   |
|                    | % Fixture | 2.3      | 0.0    | 2.3    |
| <b>Street Side</b> | Lumens    | 1225.1   | 0.0    | 1225.1 |
|                    | % Fixture | 97.7     | 0.0    | 97.7   |
| <b>Total</b>       | Lumens    | 1253.5   | 0.0    | 1253.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.2    | 0.3       |
| 10°-20°   | 12.8   | 1.0       |
| 20°-30°   | 37.4   | 3.0       |
| 30°-40°   | 87.5   | 7.0       |
| 40°-50°   | 164.3  | 13.1      |
| 50°-60°   | 272.3  | 21.7      |
| 60°-70°   | 432.3  | 34.5      |
| 70°-80°   | 223.6  | 17.8      |
| 80°-90°   | 20.2   | 1.6       |
| 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°    | 1253.5 | 100.0     |
| 0°-180°   | 1253.5 | 100.0     |



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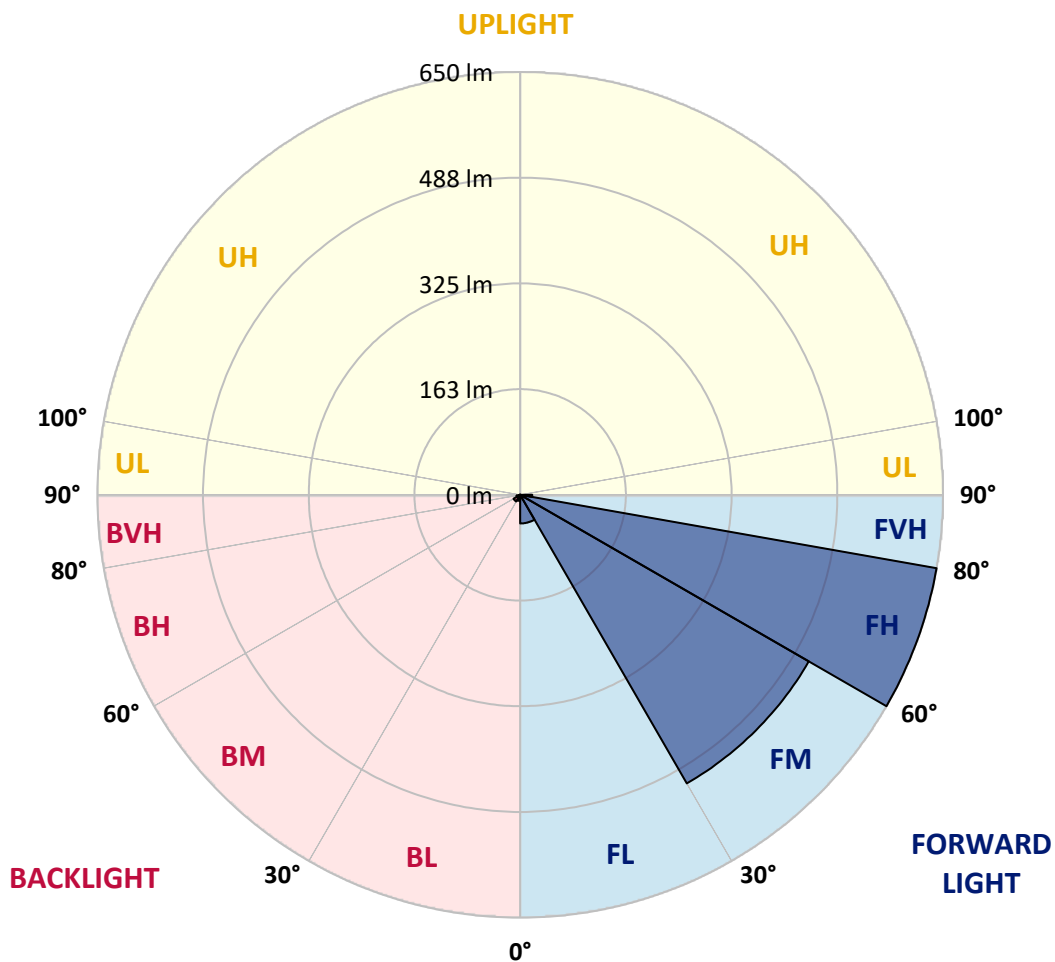
CATALOG NUMBER: ICM-F01-LED-E1-T4-HSS-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 44.1   | 3.5       |                         |      |        |
| FM   | (30°-60°)   | 512.3  | 40.9      |                         |      |        |
| FH   | (60°-80°)   | 650.1  | 51.9      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 18.6   | 1.5       |                         |      | G1/100 |
| BL   | (0°-30°)    | 9.3    | 0.7       | B0/110                  |      |        |
| BM   | (30°-60°)   | 11.8   | 0.9       | B0/220                  |      |        |
| BH   | (60°-80°)   | 5.7    | 0.5       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 1.6    | 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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 31.3  | 31.3  | 31.3  | 31.3  | 31.3   | 31.3   | 31.3   | 31.3   | 31.3   | 31.3   | 31.3   |
| 2.5°  | 34.0  | 34.0  | 34.0  | 34.0  | 33.7   | 33.5   | 33.3   | 33.0   | 32.8   | 32.8   | 32.7   |
| 5°    | 38.4  | 38.7  | 38.4  | 38.2  | 37.8   | 37.6   | 36.9   | 36.5   | 35.9   | 35.6   | 35.0   |
| 7.5°  | 44.7  | 44.5  | 44.7  | 44.1  | 43.2   | 43.0   | 42.1   | 41.0   | 40.2   | 38.9   | 38.0   |
| 10°   | 53.8  | 53.6  | 53.8  | 52.5  | 51.2   | 50.1   | 48.7   | 47.3   | 45.4   | 43.8   | 42.1   |
| 12.5° | 68.3  | 68.3  | 67.8  | 66.1  | 64.4   | 62.0   | 59.6   | 56.8   | 53.4   | 50.3   | 47.5   |
| 15°   | 90.5  | 89.4  | 87.5  | 86.4  | 83.3   | 79.7   | 77.1   | 71.5   | 66.5   | 61.8   | 56.2   |
| 17.5° | 117.3 | 115.2 | 113.7 | 111.3 | 107.3  | 102.6  | 98.3   | 90.0   | 85.1   | 77.3   | 69.4   |
| 20°   | 148.0 | 145.4 | 144.9 | 141.3 | 137.2  | 132.0  | 125.8  | 116.0  | 107.6  | 97.9   | 86.6   |
| 22.5° | 179.3 | 179.7 | 178.0 | 175.4 | 171.3  | 165.3  | 155.5  | 146.7  | 136.3  | 124.0  | 109.5  |
| 25°   | 214.3 | 214.1 | 212.6 | 209.6 | 206.5  | 199.0  | 191.2  | 182.8  | 170.4  | 154.7  | 137.4  |
| 27.5° | 247.2 | 247.0 | 243.3 | 243.4 | 237.7  | 234.9  | 227.3  | 218.2  | 203.3  | 190.1  | 171.3  |
| 30°   | 281.5 | 279.4 | 276.9 | 275.3 | 271.2  | 266.1  | 262.2  | 251.4  | 240.3  | 224.7  | 209.3  |
| 32.5° | 316.3 | 314.0 | 314.5 | 312.4 | 309.1  | 304.2  | 298.3  | 289.5  | 277.4  | 262.2  | 248.0  |
| 35°   | 358.9 | 357.8 | 356.0 | 356.7 | 356.0  | 352.4  | 347.4  | 335.7  | 322.5  | 308.1  | 293.4  |
| 37.5° | 390.4 | 389.3 | 390.4 | 394.9 | 396.0  | 398.4  | 394.7  | 388.8  | 379.4  | 363.6  | 348.3  |
| 40°   | 419.5 | 419.8 | 424.7 | 430.3 | 434.2  | 442.0  | 443.4  | 440.9  | 433.4  | 418.9  | 398.8  |
| 42.5° | 445.7 | 448.9 | 453.5 | 462.8 | 471.2  | 482.2  | 490.4  | 491.7  | 486.1  | 476.6  | 456.3  |
| 45°   | 474.9 | 477.7 | 484.8 | 495.8 | 507.4  | 521.1  | 534.2  | 541.2  | 540.7  | 534.0  | 512.3  |
| 47.5° | 507.4 | 511.2 | 519.0 | 528.0 | 543.5  | 558.9  | 576.0  | 588.3  | 593.5  | 584.2  | 563.0  |
| 50°   | 547.0 | 548.6 | 555.3 | 566.9 | 581.1  | 598.9  | 617.5  | 635.4  | 645.5  | 636.9  | 615.1  |
| 52.5° | 593.9 | 594.3 | 600.6 | 611.4 | 622.9  | 642.3  | 660.5  | 685.3  | 698.4  | 693.7  | 667.5  |
| 55°   | 658.3 | 657.0 | 661.3 | 670.6 | 679.9  | 698.7  | 716.8  | 744.9  | 764.2  | 764.6  | 736.7  |
| 57.5° | 746.2 | 743.2 | 746.0 | 753.3 | 763.7  | 781.2  | 804.1  | 828.9  | 854.7  | 852.9  | 830.1  |
| 60°   | 868.7 | 867.6 | 872.8 | 885.1 | 902.9  | 921.0  | 946.9  | 980.4  | 1003.1 | 1010.9 | 986.9  |
| 62.5° | 950.1 | 953.2 | 965.0 | 984.1 | 1018.2 | 1055.8 | 1104.0 | 1155.2 | 1198.4 | 1217.9 | 1184.8 |
| 65°   | 915.2 | 920.1 | 938.7 | 966.8 | 1011.9 | 1068.4 | 1132.3 | 1216.3 | 1290.9 | 1320.5 | 1286.1 |
| 66°   | 885.6 | 893.6 | 911.1 | 940.8 | 988.0  | 1049.5 | 1116.3 | 1209.2 | 1293.0 | 1326.3 | 1291.3 |
| 67.5° | 834.3 | 840.0 | 859.8 | 892.9 | 943.4  | 1004.4 | 1076.6 | 1174.6 | 1269.2 | 1304.5 | 1269.7 |
| 70°   | 730.1 | 732.2 | 748.4 | 776.5 | 815.5  | 878.0  | 943.4  | 1037.9 | 1124.9 | 1174.4 | 1136.4 |
| 72.5° | 543.4 | 546.3 | 573.1 | 624.4 | 675.2  | 710.6  | 749.2  | 824.8  | 881.0  | 927.3  | 919.9  |
| 75°   | 261.4 | 262.7 | 280.7 | 355.4 | 454.3  | 496.7  | 532.6  | 591.1  | 612.5  | 651.2  | 645.3  |
| 77.5° | 165.7 | 168.6 | 180.2 | 198.3 | 254.5  | 304.8  | 333.1  | 366.6  | 372.9  | 405.5  | 386.5  |
| 80°   | 45.6  | 52.9  | 64.6  | 95.1  | 163.1  | 194.4  | 207.2  | 205.9  | 207.2  | 197.2  | 190.8  |
| 82.5° | 9.3   | 9.1   | 11.0  | 17.0  | 71.9   | 113.2  | 122.3  | 104.1  | 103.4  | 99.6   | 102.8  |
| 85°   | 2.4   | 2.1   | 2.6   | 5.4   | 12.3   | 33.5   | 42.1   | 23.5   | 18.0   | 17.0   | 15.2   |
| 87.5° | 0.7   | 0.7   | 0.7   | 1.1   | 1.3    | 1.8    | 2.4    | 1.8    | 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    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°   | 70°   | 75°   | 80°   | 85°   | 90°  | 95°  | 100° | 105° |
|-------|--------|--------|-------|-------|-------|-------|-------|------|------|------|------|
| 0°    | 31.3   | 31.3   | 31.3  | 31.3  | 31.3  | 31.3  | 31.3  | 31.3 | 31.3 | 31.3 | 31.3 |
| 2.5°  | 32.4   | 32.4   | 32.2  | 32.0  | 32.0  | 31.7  | 31.5  | 31.3 | 31.1 | 30.9 | 30.7 |
| 5°    | 34.3   | 34.0   | 33.3  | 32.8  | 32.4  | 31.7  | 31.3  | 30.9 | 30.4 | 30.2 | 29.8 |
| 7.5°  | 36.9   | 35.9   | 35.0  | 33.7  | 32.8  | 32.0  | 31.1  | 30.4 | 29.8 | 29.4 | 28.9 |
| 10°   | 40.2   | 38.4   | 36.7  | 35.0  | 33.5  | 32.2  | 30.9  | 29.8 | 29.2 | 28.6 | 28.1 |
| 12.5° | 44.3   | 41.7   | 39.3  | 36.7  | 34.3  | 32.4  | 30.7  | 29.4 | 28.6 | 27.9 | 27.3 |
| 15°   | 51.0   | 46.9   | 42.8  | 38.9  | 35.9  | 32.8  | 30.4  | 28.9 | 27.9 | 27.3 | 26.6 |
| 17.5° | 61.6   | 54.2   | 47.7  | 42.3  | 37.4  | 33.5  | 30.4  | 28.6 | 27.3 | 26.3 | 25.7 |
| 20°   | 76.9   | 64.8   | 54.4  | 46.7  | 40.2  | 34.6  | 30.4  | 27.9 | 26.6 | 25.5 | 24.8 |
| 22.5° | 95.1   | 79.9   | 65.7  | 52.7  | 43.4  | 36.1  | 30.4  | 27.3 | 25.7 | 24.8 | 24.0 |
| 25°   | 121.7  | 101.6  | 82.1  | 63.9  | 48.8  | 38.4  | 31.1  | 26.8 | 25.0 | 24.0 | 23.2 |
| 27.5° | 152.7  | 128.6  | 104.4 | 78.9  | 57.0  | 42.0  | 32.0  | 26.3 | 24.4 | 23.2 | 22.2 |
| 30°   | 188.2  | 161.4  | 131.8 | 98.7  | 67.8  | 46.4  | 33.5  | 26.1 | 23.5 | 22.2 | 21.2 |
| 32.5° | 226.6  | 198.3  | 166.0 | 124.2 | 83.8  | 53.4  | 35.4  | 26.0 | 22.7 | 21.2 | 19.9 |
| 35°   | 272.5  | 246.0  | 206.5 | 160.1 | 108.7 | 65.2  | 39.7  | 26.3 | 21.9 | 20.1 | 18.6 |
| 37.5° | 322.5  | 294.5  | 252.6 | 198.1 | 133.3 | 78.6  | 43.0  | 25.7 | 20.3 | 18.6 | 17.0 |
| 40°   | 373.1  | 340.9  | 298.3 | 238.0 | 164.7 | 95.1  | 47.1  | 25.0 | 18.8 | 17.0 | 15.5 |
| 42.5° | 422.3  | 388.5  | 342.2 | 279.2 | 197.7 | 114.5 | 52.3  | 25.0 | 17.7 | 15.5 | 14.0 |
| 45°   | 474.0  | 433.2  | 382.6 | 318.4 | 230.5 | 136.7 | 59.6  | 24.8 | 16.5 | 14.2 | 12.6 |
| 47.5° | 522.8  | 474.4  | 416.3 | 353.0 | 265.8 | 161.2 | 68.1  | 25.0 | 15.3 | 12.9 | 11.4 |
| 50°   | 569.0  | 513.5  | 450.9 | 383.9 | 299.4 | 187.5 | 78.4  | 25.3 | 14.2 | 11.9 | 10.3 |
| 52.5° | 619.6  | 558.0  | 488.0 | 415.6 | 332.7 | 214.1 | 90.5  | 25.7 | 13.2 | 10.8 | 9.5  |
| 55°   | 682.2  | 614.0  | 533.9 | 454.5 | 367.9 | 240.9 | 102.2 | 26.1 | 12.1 | 10.0 | 8.7  |
| 57.5° | 772.6  | 694.8  | 608.2 | 512.9 | 414.6 | 271.4 | 114.3 | 27.3 | 11.3 | 9.3  | 8.0  |
| 60°   | 919.4  | 826.8  | 726.8 | 614.4 | 484.4 | 312.7 | 131.8 | 29.6 | 10.1 | 8.5  | 7.5  |
| 62.5° | 1096.2 | 984.8  | 857.5 | 721.1 | 550.0 | 340.5 | 143.4 | 32.2 | 9.3  | 7.8  | 7.2  |
| 65°   | 1185.2 | 1044.8 | 898.1 | 751.0 | 558.5 | 332.3 | 138.7 | 31.3 | 8.2  | 6.9  | 6.0  |
| 66°   | 1187.8 | 1041.6 | 892.5 | 744.5 | 549.9 | 322.3 | 134.1 | 30.9 | 8.0  | 6.7  | 5.6  |
| 67.5° | 1163.2 | 1013.7 | 862.7 | 715.1 | 524.4 | 303.1 | 126.0 | 29.4 | 7.3  | 6.0  | 4.9  |
| 70°   | 1041.6 | 895.9  | 757.5 | 621.1 | 451.1 | 255.4 | 105.7 | 26.0 | 6.5  | 5.4  | 4.6  |
| 72.5° | 830.2  | 711.6  | 595.0 | 488.7 | 350.6 | 191.6 | 83.3  | 21.2 | 5.6  | 4.7  | 3.9  |
| 75°   | 579.8  | 482.4  | 393.7 | 317.8 | 220.4 | 114.7 | 54.0  | 14.9 | 4.7  | 3.9  | 3.3  |
| 77.5° | 323.6  | 256.7  | 194.0 | 147.8 | 87.9  | 35.9  | 18.0  | 7.5  | 4.1  | 3.1  | 2.6  |
| 80°   | 164.7  | 122.0  | 92.9  | 68.5  | 40.7  | 18.6  | 9.1   | 4.9  | 3.3  | 2.4  | 2.1  |
| 82.5° | 95.7   | 70.2   | 56.0  | 44.3  | 27.9  | 14.0  | 7.3   | 3.6  | 2.1  | 1.8  | 2.0  |
| 85°   | 21.4   | 28.3   | 24.0  | 20.3  | 14.9  | 8.8   | 5.2   | 2.4  | 1.5  | 1.5  | 1.8  |
| 87.5° | 1.8    | 2.4    | 2.1   | 2.8   | 3.1   | 2.8   | 2.1   | 1.3  | 1.1  | 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  |





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**CANDELA DISTRIBUTION (continued):**

|       | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 0°    | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 |
| 2.5°  | 30.4 | 30.2 | 30.2 | 30.0 | 29.8 | 29.8 | 29.8 | 29.6 | 29.8 | 29.8 | 29.8 |
| 5°    | 29.6 | 29.4 | 29.2 | 28.9 | 28.7 | 28.6 | 28.6 | 28.3 | 28.3 | 28.3 | 28.6 |
| 7.5°  | 28.7 | 28.3 | 28.1 | 27.6 | 27.4 | 27.3 | 27.3 | 27.0 | 27.0 | 27.0 | 27.0 |
| 10°   | 27.6 | 27.3 | 26.8 | 26.6 | 26.3 | 26.0 | 26.0 | 25.7 | 25.5 | 25.5 | 25.5 |
| 12.5° | 26.8 | 26.3 | 26.0 | 25.5 | 25.0 | 24.8 | 24.7 | 24.4 | 24.2 | 24.2 | 24.2 |
| 15°   | 26.0 | 25.3 | 24.8 | 24.4 | 24.0 | 23.5 | 23.3 | 23.2 | 22.9 | 22.7 | 22.7 |
| 17.5° | 25.0 | 24.4 | 23.7 | 23.3 | 22.9 | 22.5 | 22.2 | 21.6 | 21.6 | 21.4 | 21.4 |
| 20°   | 24.0 | 23.3 | 22.7 | 22.2 | 21.9 | 21.4 | 20.9 | 20.6 | 20.1 | 19.9 | 19.9 |
| 22.5° | 23.2 | 22.5 | 21.9 | 21.2 | 20.6 | 19.9 | 19.4 | 19.0 | 18.8 | 18.6 | 18.3 |
| 25°   | 22.2 | 21.4 | 20.6 | 19.9 | 19.3 | 18.6 | 18.1 | 17.7 | 17.3 | 17.0 | 17.0 |
| 27.5° | 21.2 | 20.3 | 19.4 | 18.6 | 18.0 | 17.3 | 16.8 | 16.2 | 16.0 | 15.8 | 15.5 |
| 30°   | 20.1 | 19.0 | 18.1 | 17.3 | 16.7 | 15.8 | 15.3 | 14.9 | 14.5 | 14.5 | 14.2 |
| 32.5° | 18.8 | 17.7 | 16.8 | 16.0 | 15.2 | 14.5 | 14.0 | 13.6 | 13.4 | 12.9 | 12.9 |
| 35°   | 17.5 | 16.5 | 15.3 | 14.5 | 13.9 | 13.2 | 12.7 | 12.3 | 11.9 | 11.6 | 11.6 |
| 37.5° | 16.0 | 14.9 | 14.0 | 13.2 | 12.6 | 11.9 | 11.4 | 11.0 | 10.8 | 10.6 | 10.3 |
| 40°   | 14.2 | 13.2 | 12.6 | 11.9 | 11.3 | 10.8 | 10.1 | 9.8  | 9.5  | 9.3  | 9.1  |
| 42.5° | 12.7 | 11.6 | 11.3 | 10.8 | 10.1 | 9.8  | 9.1  | 8.7  | 8.2  | 8.0  | 7.8  |
| 45°   | 11.4 | 10.6 | 10.1 | 9.8  | 9.1  | 8.5  | 8.0  | 7.5  | 7.2  | 6.9  | 6.9  |
| 47.5° | 10.1 | 9.5  | 9.1  | 8.7  | 8.0  | 7.5  | 6.9  | 6.7  | 6.2  | 6.2  | 6.2  |
| 50°   | 9.3  | 8.7  | 8.2  | 7.8  | 7.3  | 6.7  | 6.2  | 6.0  | 5.9  | 5.9  | 6.0  |
| 52.5° | 8.7  | 8.0  | 7.5  | 7.2  | 6.7  | 6.2  | 5.9  | 5.6  | 5.6  | 5.9  | 6.0  |
| 55°   | 8.0  | 7.3  | 6.9  | 6.5  | 6.0  | 5.9  | 5.4  | 5.4  | 5.6  | 5.9  | 6.0  |
| 57.5° | 7.5  | 6.7  | 6.2  | 6.0  | 5.6  | 5.4  | 5.4  | 5.4  | 5.6  | 5.9  | 6.2  |
| 60°   | 6.9  | 6.0  | 5.6  | 5.6  | 5.2  | 5.2  | 5.2  | 5.4  | 5.6  | 6.0  | 6.2  |
| 62.5° | 6.0  | 5.4  | 5.2  | 5.2  | 4.9  | 4.9  | 5.2  | 5.4  | 5.9  | 6.0  | 6.2  |
| 65°   | 5.2  | 4.7  | 4.7  | 4.7  | 4.7  | 4.9  | 5.2  | 5.4  | 5.6  | 6.0  | 6.2  |
| 66°   | 4.7  | 4.6  | 4.6  | 4.7  | 4.7  | 4.9  | 5.2  | 5.4  | 5.6  | 5.9  | 6.0  |
| 67.5° | 4.6  | 4.3  | 4.3  | 4.6  | 4.7  | 4.7  | 4.9  | 5.4  | 5.6  | 5.9  | 5.9  |
| 70°   | 3.9  | 3.9  | 3.9  | 4.3  | 4.6  | 4.7  | 4.9  | 5.2  | 5.4  | 5.6  | 5.9  |
| 72.5° | 3.4  | 3.4  | 3.6  | 3.9  | 4.3  | 4.6  | 4.7  | 4.9  | 5.4  | 5.6  | 5.6  |
| 75°   | 3.1  | 3.1  | 3.4  | 3.6  | 4.1  | 4.3  | 4.7  | 4.9  | 5.2  | 5.4  | 5.4  |
| 77.5° | 2.6  | 2.8  | 3.3  | 3.6  | 3.9  | 4.3  | 4.6  | 4.7  | 4.9  | 5.2  | 5.2  |
| 80°   | 2.4  | 2.8  | 3.3  | 3.4  | 3.6  | 3.9  | 4.1  | 4.6  | 4.7  | 4.9  | 5.2  |
| 82.5° | 2.4  | 2.6  | 3.1  | 3.3  | 3.4  | 3.9  | 4.1  | 4.3  | 4.6  | 4.7  | 4.9  |
| 85°   | 2.0  | 2.4  | 2.6  | 3.1  | 3.3  | 3.6  | 3.9  | 3.9  | 4.1  | 4.3  | 4.6  |
| 87.5° | 1.5  | 1.8  | 1.8  | 2.1  | 2.4  | 2.8  | 3.3  | 3.3  | 3.4  | 3.6  | 3.9  |
| 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: P181522

CATALOG NUMBER: ICM-F01-LED-E1-T4-HSS-8030

**CANDELA DISTRIBUTION (continued):**

|       | 165° | 170° | 175° | 180° |
|-------|------|------|------|------|
| 0°    | 31.3 | 31.3 | 31.3 | 31.3 |
| 2.5°  | 29.8 | 30.0 | 30.0 | 30.0 |
| 5°    | 28.6 | 28.6 | 28.6 | 28.6 |
| 7.5°  | 27.0 | 27.0 | 27.0 | 27.0 |
| 10°   | 25.5 | 25.5 | 25.7 | 25.5 |
| 12.5° | 24.2 | 24.0 | 24.0 | 24.0 |
| 15°   | 22.7 | 22.7 | 22.5 | 22.7 |
| 17.5° | 21.2 | 21.2 | 20.9 | 20.9 |
| 20°   | 19.6 | 19.6 | 19.6 | 19.6 |
| 22.5° | 18.3 | 18.1 | 18.1 | 18.1 |
| 25°   | 16.8 | 16.8 | 16.8 | 16.8 |
| 27.5° | 15.5 | 15.5 | 15.5 | 15.5 |
| 30°   | 14.2 | 14.2 | 14.0 | 14.0 |
| 32.5° | 12.9 | 12.9 | 12.9 | 12.9 |
| 35°   | 11.6 | 11.6 | 11.4 | 11.4 |
| 37.5° | 10.1 | 10.1 | 10.1 | 10.1 |
| 40°   | 8.8  | 8.8  | 8.8  | 8.8  |
| 42.5° | 7.8  | 7.8  | 7.5  | 7.5  |
| 45°   | 6.7  | 6.7  | 6.7  | 6.7  |
| 47.5° | 6.2  | 6.2  | 6.2  | 6.2  |
| 50°   | 6.0  | 6.2  | 6.2  | 6.2  |
| 52.5° | 6.2  | 6.2  | 6.2  | 6.2  |
| 55°   | 6.2  | 6.5  | 6.5  | 6.5  |
| 57.5° | 6.2  | 6.5  | 6.5  | 6.7  |
| 60°   | 6.5  | 6.7  | 6.7  | 6.7  |
| 62.5° | 6.5  | 6.7  | 6.7  | 6.7  |
| 65°   | 6.2  | 6.5  | 6.5  | 6.5  |
| 66°   | 6.2  | 6.2  | 6.2  | 6.5  |
| 67.5° | 6.0  | 6.2  | 6.2  | 6.2  |
| 70°   | 5.9  | 6.0  | 6.0  | 6.2  |
| 72.5° | 5.9  | 6.0  | 6.0  | 6.0  |
| 75°   | 5.6  | 5.6  | 5.9  | 5.9  |
| 77.5° | 5.4  | 5.4  | 5.6  | 5.6  |
| 80°   | 5.2  | 5.4  | 5.4  | 5.4  |
| 82.5° | 4.9  | 5.2  | 5.2  | 5.2  |
| 85°   | 4.6  | 4.7  | 4.7  | 4.7  |
| 87.5° | 3.9  | 3.9  | 4.1  | 4.1  |
| 90°   | 0.0  | 0.0  | 0.0  | 0.0  |

(END OF REPORT)