

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P623667

Luminaire Tested: **IFLD-S-SA2B-740-U-55**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P623667  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2B-740-U-55  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 5 distribution lens  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                   |                                      |                      |                 |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 5H x 5V         |
| Luminaire Lumens: | 11905 lumens                         | Max Intensity:       | 14548.5 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 10°V      |
| Efficacy:         | 144.5 lumens/watt                    |                      |                 |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |                      |                 |

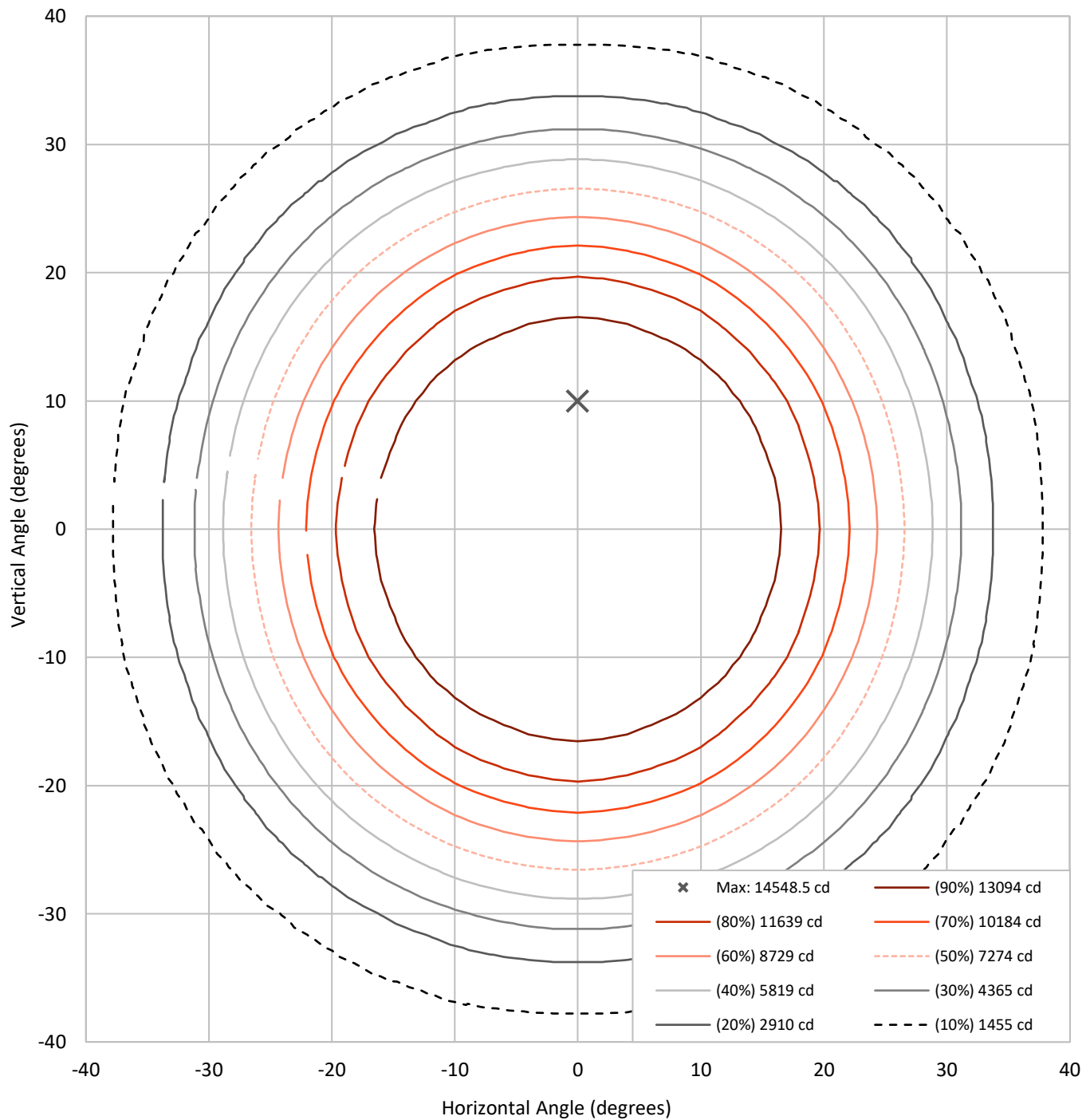
|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 49.5°H x 53.1°V | Field Angle (10%): | 73.6°H x 75.3°V |
| Beam Lumens:      | 5917.1 lumens   | Field Lumens:      | 7695.4 lumens   |
| Beam Efficiency:  | 49.7%           | Field Efficiency:  | 64.6%           |

Input Watts (W): 82.4  
Input Voltage (V): 120  
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-Candela Plot



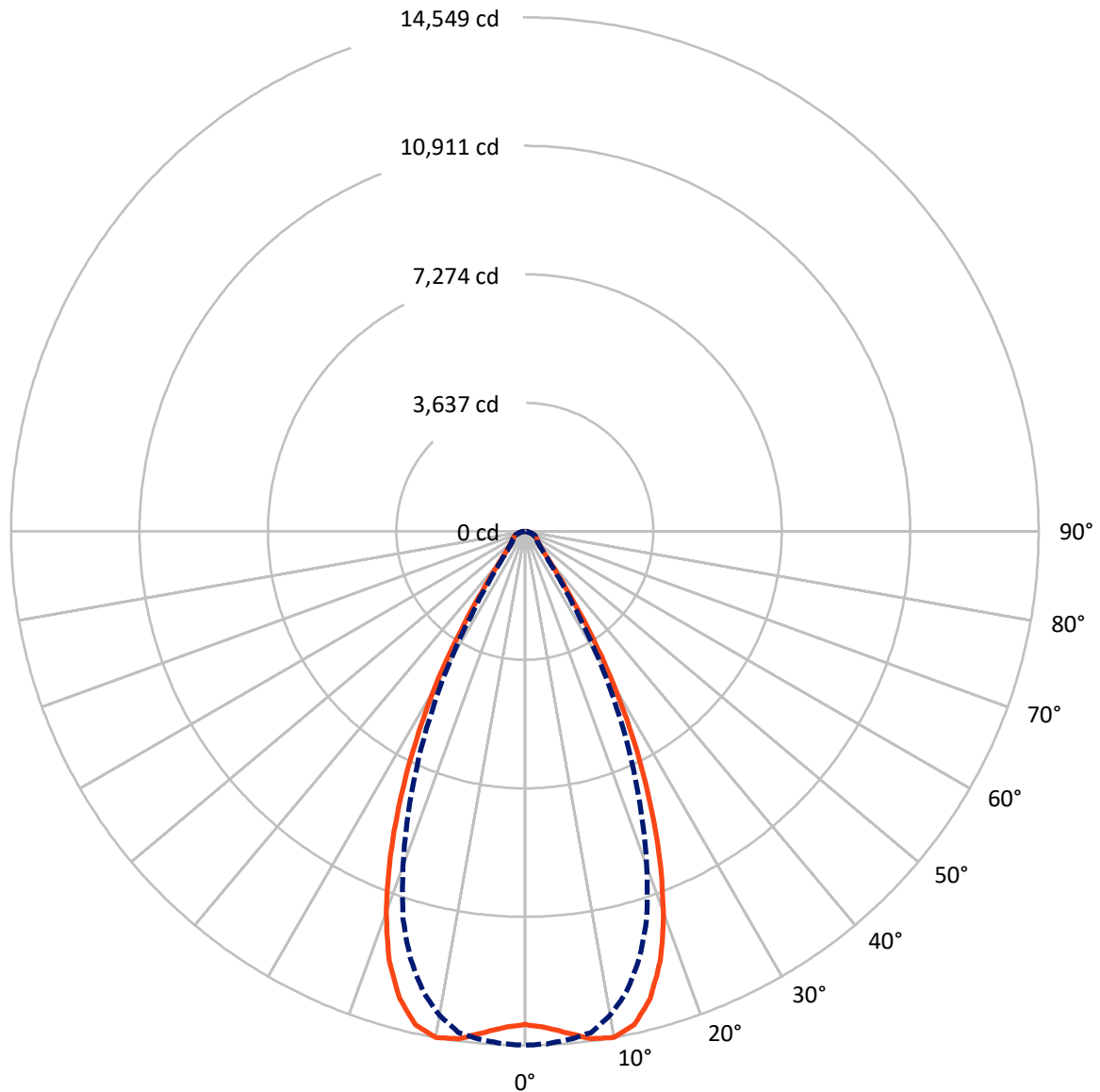
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## Lumen Table

|     |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
|-----|----------------------------|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|----|----|--|
| 90  |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
| 80  | 0.3                        |     | 2.6 |     | 6.8  |      | 11.0  |       | 12.7  |       | 11.0  |       | 6.8  |      | 2.6 |     | 0.3 |    |    |  |
| 70  | 1.2                        |     | 1.3 | 2.7 | 4.4  | 6.2  | 7.8   | 8.9   | 9.5   | 9.5   | 8.9   | 7.8   | 6.2  | 4.4  | 2.7 | 1.3 | 1.2 |    |    |  |
| 60  |                            |     | 2.0 | 4.1 | 6.5  | 8.8  | 10.7  | 12.1  | 12.9  | 12.9  | 12.1  | 10.7  | 8.8  | 6.5  | 4.1 | 2.0 |     |    |    |  |
| 50  | 2.1                        |     | 2.7 | 5.3 | 8.0  | 10.8 | 13.9  | 17.7  | 20.5  | 20.5  | 17.7  | 13.9  | 10.8 | 8.0  | 5.3 | 2.7 | 2.1 |    |    |  |
| 40  |                            |     | 3.3 | 6.2 | 9.3  | 14.1 | 25.2  | 49.1  | 74.1  | 74.1  | 49.1  | 25.2  | 14.1 | 9.3  | 6.2 | 3.3 |     |    |    |  |
| 30  | 2.8                        |     | 3.7 | 6.8 | 10.9 | 22.8 | 72.7  | 168.5 | 239.2 | 239.2 | 168.5 | 72.7  | 22.8 | 10.9 | 6.8 | 3.7 | 2.8 |    |    |  |
| 20  |                            |     | 4.0 | 7.2 | 13.0 | 42.1 | 158.8 | 310.6 | 396.0 | 396.0 | 310.6 | 158.8 | 42.1 | 13.0 | 7.2 | 4.0 |     |    |    |  |
| 10  | 3.1                        |     | 4.1 | 7.5 | 14.7 | 61.8 | 218.7 | 384.3 | 435.8 | 435.8 | 384.3 | 218.7 | 61.8 | 14.7 | 7.5 | 4.1 | 3.1 |    |    |  |
| 0   |                            |     | 4.1 | 7.5 | 14.7 | 61.8 | 218.7 | 384.3 | 435.8 | 435.8 | 384.3 | 218.7 | 61.8 | 14.7 | 7.5 | 4.1 |     |    |    |  |
| -10 | 2.8                        |     | 4.0 | 7.2 | 13.0 | 42.1 | 158.8 | 310.6 | 396.0 | 396.0 | 310.6 | 158.8 | 42.1 | 13.0 | 7.2 | 4.0 | 2.8 |    |    |  |
| -20 |                            |     | 3.7 | 6.8 | 10.9 | 22.8 | 72.7  | 168.5 | 239.2 | 239.2 | 168.5 | 72.7  | 22.8 | 10.9 | 6.8 | 3.7 |     |    |    |  |
| -30 | 2.1                        |     | 3.3 | 6.2 | 9.3  | 14.1 | 25.2  | 49.1  | 74.1  | 74.1  | 49.1  | 25.2  | 14.1 | 9.3  | 6.2 | 3.3 | 2.1 |    |    |  |
| -40 |                            |     | 2.7 | 5.3 | 8.0  | 10.8 | 13.9  | 17.7  | 20.5  | 20.5  | 17.7  | 13.9  | 10.8 | 8.0  | 5.3 | 2.7 |     |    |    |  |
| -50 | 1.2                        |     | 2.0 | 4.1 | 6.5  | 8.8  | 10.7  | 12.1  | 12.9  | 12.9  | 12.1  | 10.7  | 8.8  | 6.5  | 4.1 | 2.0 | 1.2 |    |    |  |
| -60 |                            |     | 1.3 | 2.7 | 4.4  | 6.2  | 7.8   | 8.9   | 9.5   | 9.5   | 8.9   | 7.8   | 6.2  | 4.4  | 2.7 | 1.3 |     |    |    |  |
| -70 |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
| -80 | 0.3                        |     | 2.6 |     | 6.8  |      | 11.0  |       | 12.7  |       | 11.0  |       | 6.8  |      | 2.6 |     | 0.3 |    |    |  |
| -90 |                            |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |
|     | -90                        | -80 | -70 | -60 | -50  | -40  | -30   | -20   | -10   | 0     | 10    | 20    | 30   | 40   | 50  | 60  | 70  | 80 | 90 |  |
|     | Horizontal Angle (degrees) |     |     |     |      |      |       |       |       |       |       |       |      |      |     |     |     |    |    |  |

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## Luminous Intensity Polar Plot

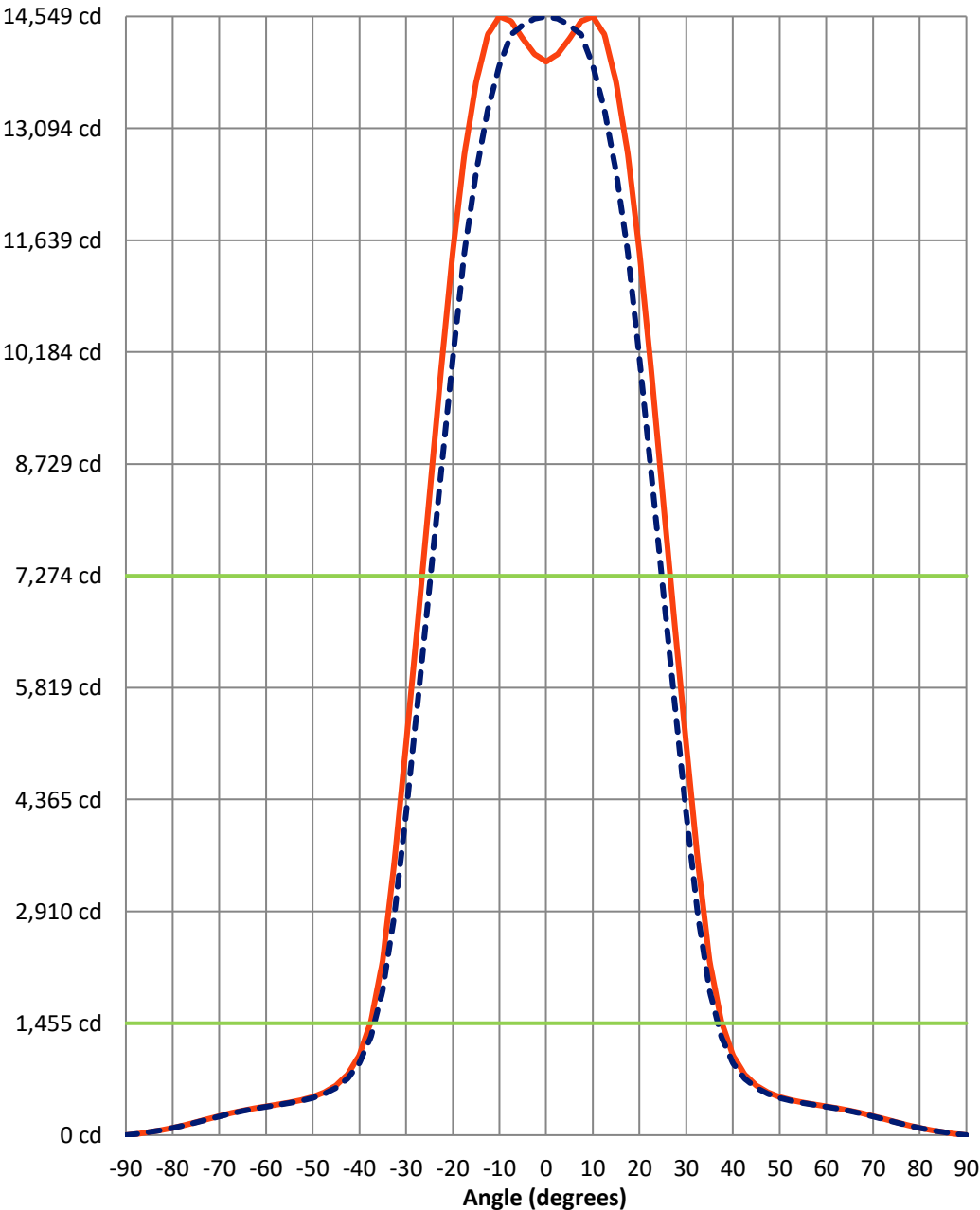


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 10-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 49.5°  
V Angle: 53.1°  
Lumens: 5917.1  
Efficiency: 49.7%

**Field:**  
H Angle: 73.6°  
V Angle: 75.3°  
Lumens: 7695.4  
Efficiency: 64.6%

**Spill:**  
Lumens: 4209.7  
Efficiency: 35.4%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 10-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|       | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°  | 25°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 87.5° | 16.1    | 16.1    | 16.1    | 16.1    | 16.1    | 16.1    | 16.1    | 14.8    | 14.8    | 14.8   | 14.8   |
| 85°   | 39.6    | 39.6    | 39.6    | 39.6    | 39.6    | 38.3    | 38.3    | 37.1    | 37.1    | 35.9   | 34.6   |
| 82.5° | 64.3    | 64.3    | 64.3    | 64.3    | 63.1    | 63.1    | 61.8    | 60.6    | 59.4    | 58.1   | 56.9   |
| 80°   | 94.0    | 94.0    | 94.0    | 94.0    | 92.8    | 91.5    | 90.3    | 89.0    | 86.6    | 85.3   | 82.9   |
| 77.5° | 128.6   | 128.6   | 128.6   | 127.4   | 126.1   | 124.9   | 122.4   | 120.0   | 117.5   | 115.0  | 112.5  |
| 75°   | 168.2   | 168.2   | 168.2   | 165.7   | 164.5   | 162.0   | 159.5   | 157.1   | 153.3   | 149.6  | 145.9  |
| 72.5° | 209.0   | 209.0   | 209.0   | 206.5   | 204.1   | 201.6   | 199.1   | 195.4   | 191.7   | 186.7  | 181.8  |
| 70°   | 247.3   | 247.3   | 247.3   | 244.9   | 242.4   | 239.9   | 236.2   | 232.5   | 227.6   | 222.6  | 217.7  |
| 67.5° | 286.9   | 286.9   | 286.9   | 283.2   | 280.7   | 278.3   | 274.5   | 269.6   | 264.7   | 258.5  | 252.3  |
| 65°   | 319.1   | 319.1   | 317.8   | 316.6   | 314.1   | 310.4   | 307.9   | 303.0   | 298.0   | 293.1  | 286.9  |
| 62.5° | 348.7   | 348.7   | 347.5   | 346.3   | 343.8   | 340.1   | 336.4   | 332.7   | 327.7   | 321.5  | 315.4  |
| 60°   | 373.5   | 373.5   | 372.2   | 371.0   | 368.5   | 366.1   | 362.4   | 358.6   | 353.7   | 348.7  | 342.6  |
| 57.5° | 398.2   | 398.2   | 397.0   | 395.7   | 393.3   | 389.6   | 385.8   | 382.1   | 377.2   | 371.0  | 364.8  |
| 55°   | 424.2   | 424.2   | 422.9   | 420.5   | 418.0   | 414.3   | 410.6   | 405.6   | 399.5   | 393.3  | 387.1  |
| 52.5° | 455.1   | 455.1   | 452.6   | 450.2   | 446.4   | 442.7   | 436.6   | 430.4   | 422.9   | 415.5  | 408.1  |
| 50°   | 495.9   | 495.9   | 493.4   | 489.7   | 483.5   | 477.4   | 469.9   | 460.0   | 451.4   | 441.5  | 431.6  |
| 47.5° | 556.5   | 556.5   | 551.6   | 545.4   | 536.7   | 526.8   | 513.2   | 498.4   | 486.0   | 473.7  | 458.8  |
| 45°   | 645.6   | 645.6   | 638.1   | 628.2   | 614.6   | 597.3   | 577.5   | 556.5   | 535.5   | 514.5  | 493.4  |
| 42.5° | 790.2   | 790.2   | 776.6   | 759.3   | 735.8   | 706.2   | 669.1   | 634.4   | 604.7   | 571.4  | 542.9  |
| 40°   | 1040.1  | 1040.1  | 1014.1  | 981.9   | 937.4   | 880.5   | 812.5   | 758.1   | 706.2   | 648.0  | 608.5  |
| 37.5° | 1484.0  | 1484.0  | 1433.3  | 1371.5  | 1284.9  | 1176.1  | 1045.0  | 957.2   | 860.7   | 769.2  | 702.4  |
| 35°   | 2268.1  | 2268.1  | 2170.4  | 2050.4  | 1883.5  | 1673.2  | 1449.4  | 1283.7  | 1099.4  | 958.4  | 833.5  |
| 32.5° | 3554.3  | 3554.3  | 3378.6  | 3162.2  | 2864.2  | 2487.0  | 2128.3  | 1813.0  | 1484.0  | 1250.3 | 1025.2 |
| 30°   | 5082.8  | 5082.8  | 4852.8  | 4569.6  | 4181.3  | 3691.5  | 3180.8  | 2620.6  | 2101.1  | 1684.4 | 1344.3 |
| 27.5° | 6663.3  | 6597.8  | 6399.9  | 6077.1  | 5634.4  | 5082.8  | 4445.9  | 3722.4  | 3020.0  | 2285.4 | 1799.4 |
| 25°   | 8298.2  | 8221.5  | 7995.2  | 7624.2  | 7117.2  | 6492.6  | 5775.4  | 4966.6  | 4099.6  | 3224.1 | 2383.1 |
| 22.5° | 9950.4  | 9863.9  | 9606.6  | 9187.4  | 8618.5  | 7918.5  | 7106.0  | 6207.0  | 5238.6  | 4227.0 | 3224.1 |
| 20°   | 11477.7 | 11386.2 | 11116.6 | 10680.1 | 10091.4 | 9323.4  | 8420.6  | 7423.9  | 6352.9  | 5238.6 | 4099.6 |
| 17.5° | 12756.5 | 12668.7 | 12409.0 | 11992.2 | 11477.7 | 10628.1 | 9689.5  | 8593.8  | 7423.9  | 6207.0 | 4966.6 |
| 15°   | 13690.2 | 13614.7 | 13393.4 | 13043.4 | 12519.0 | 11767.1 | 10811.2 | 9689.5  | 8420.6  | 7106.0 | 5775.4 |
| 12.5° | 14309.8 | 14249.2 | 14074.8 | 13802.7 | 13332.8 | 12702.1 | 11767.1 | 10628.1 | 9323.4  | 7918.5 | 6492.6 |
| 10°   | 14548.5 | 14518.8 | 14437.1 | 14312.2 | 13911.6 | 13332.8 | 12519.0 | 11477.7 | 10091.4 | 8618.5 | 7117.2 |
| 7.5°  | 14485.4 | 14495.3 | 14523.7 | 14491.6 | 14312.2 | 13802.7 | 13043.4 | 11992.2 | 10680.1 | 9187.4 | 7624.2 |
| 5°    | 14260.3 | 14313.5 | 14445.8 | 14523.7 | 14437.1 | 14074.8 | 13393.4 | 12409.0 | 11116.6 | 9606.6 | 7995.2 |
| 2.5°  | 14060.0 | 14142.8 | 14313.5 | 14495.3 | 14518.8 | 14249.2 | 13614.7 | 12668.7 | 11386.2 | 9863.9 | 8221.5 |
| 0°    | 13961.0 | 14060.0 | 14260.3 | 14485.4 | 14548.5 | 14309.8 | 13690.2 | 12756.5 | 11477.7 | 9950.4 | 8298.2 |

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**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5° | 14.8   | 13.6   | 13.6   | 13.6   | 12.4   | 12.4   | 12.4  | 11.1  | 11.1  | 9.9   | 9.9   |
| 85°   | 34.6   | 33.4   | 32.2   | 30.9   | 29.7   | 28.4   | 27.2  | 26.0  | 24.7  | 22.3  | 21.0  |
| 82.5° | 55.7   | 54.4   | 53.2   | 50.7   | 49.5   | 47.0   | 44.5  | 42.0  | 39.6  | 38.3  | 35.9  |
| 80°   | 80.4   | 77.9   | 75.4   | 73.0   | 69.3   | 65.5   | 63.1  | 59.4  | 56.9  | 53.2  | 50.7  |
| 77.5° | 108.8  | 105.1  | 101.4  | 96.5   | 92.8   | 89.0   | 84.1  | 80.4  | 75.4  | 70.5  | 65.5  |
| 75°   | 141.0  | 136.0  | 129.9  | 124.9  | 120.0  | 113.8  | 107.6 | 101.4 | 95.2  | 89.0  | 82.9  |
| 72.5° | 175.6  | 169.4  | 163.2  | 157.1  | 149.6  | 141.0  | 133.6 | 124.9 | 117.5 | 110.1 | 101.4 |
| 70°   | 211.5  | 204.1  | 196.6  | 189.2  | 180.6  | 170.7  | 162.0 | 152.1 | 142.2 | 132.3 | 122.4 |
| 67.5° | 244.9  | 237.4  | 228.8  | 221.4  | 211.5  | 201.6  | 190.5 | 179.3 | 168.2 | 155.8 | 143.5 |
| 65°   | 279.5  | 270.8  | 260.9  | 251.0  | 241.2  | 230.0  | 218.9 | 207.8 | 194.2 | 180.6 | 168.2 |
| 62.5° | 307.9  | 300.5  | 291.9  | 282.0  | 270.8  | 258.5  | 247.3 | 232.5 | 218.9 | 205.3 | 189.2 |
| 60°   | 335.1  | 326.5  | 319.1  | 307.9  | 298.0  | 286.9  | 273.3 | 258.5 | 243.6 | 227.6 | 212.7 |
| 57.5° | 358.6  | 351.2  | 342.6  | 332.7  | 321.5  | 310.4  | 298.0 | 284.4 | 267.1 | 251.0 | 233.7 |
| 55°   | 379.7  | 371.0  | 362.4  | 353.7  | 343.8  | 331.4  | 319.1 | 305.5 | 290.6 | 273.3 | 254.8 |
| 52.5° | 400.7  | 392.0  | 382.1  | 373.5  | 362.4  | 351.2  | 338.9 | 325.3 | 310.4 | 294.3 | 274.5 |
| 50°   | 421.7  | 411.8  | 401.9  | 390.8  | 379.7  | 368.5  | 356.2 | 343.8 | 327.7 | 311.6 | 294.3 |
| 47.5° | 446.4  | 434.1  | 421.7  | 409.3  | 398.2  | 384.6  | 372.2 | 358.6 | 345.0 | 327.7 | 310.4 |
| 45°   | 477.4  | 458.8  | 444.0  | 429.1  | 415.5  | 401.9  | 387.1 | 373.5 | 358.6 | 343.8 | 325.3 |
| 42.5° | 515.7  | 491.0  | 471.2  | 451.4  | 434.1  | 418.0  | 403.2 | 387.1 | 372.2 | 356.2 | 338.9 |
| 40°   | 567.6  | 534.3  | 502.1  | 477.4  | 455.1  | 435.3  | 418.0 | 401.9 | 384.6 | 368.5 | 351.2 |
| 37.5° | 635.7  | 588.7  | 544.1  | 508.3  | 479.8  | 455.1  | 434.1 | 415.5 | 398.2 | 379.7 | 362.4 |
| 35°   | 738.3  | 656.7  | 599.8  | 547.9  | 508.3  | 477.4  | 451.4 | 429.1 | 409.3 | 390.8 | 373.5 |
| 32.5° | 883.0  | 756.9  | 665.3  | 599.8  | 544.1  | 502.1  | 471.2 | 444.0 | 421.7 | 401.9 | 382.1 |
| 30°   | 1073.4 | 899.1  | 756.9  | 656.7  | 588.7  | 534.3  | 491.0 | 458.8 | 434.1 | 411.8 | 392.0 |
| 27.5° | 1375.2 | 1073.4 | 883.0  | 738.3  | 635.7  | 567.6  | 515.7 | 477.4 | 446.4 | 421.7 | 400.7 |
| 25°   | 1799.4 | 1344.3 | 1025.2 | 833.5  | 702.4  | 608.5  | 542.9 | 493.4 | 458.8 | 431.6 | 408.1 |
| 22.5° | 2285.4 | 1684.4 | 1250.3 | 958.4  | 769.2  | 648.0  | 571.4 | 514.5 | 473.7 | 441.5 | 415.5 |
| 20°   | 3020.0 | 2101.1 | 1484.0 | 1099.4 | 860.7  | 706.2  | 604.7 | 535.5 | 486.0 | 451.4 | 422.9 |
| 17.5° | 3722.4 | 2620.6 | 1813.0 | 1283.7 | 957.2  | 758.1  | 634.4 | 556.5 | 498.4 | 460.0 | 430.4 |
| 15°   | 4445.9 | 3180.8 | 2128.3 | 1449.4 | 1045.0 | 812.5  | 669.1 | 577.5 | 513.2 | 469.9 | 436.6 |
| 12.5° | 5082.8 | 3691.5 | 2487.0 | 1673.2 | 1176.1 | 880.5  | 706.2 | 597.3 | 526.8 | 477.4 | 442.7 |
| 10°   | 5634.4 | 4181.3 | 2864.2 | 1883.5 | 1284.9 | 937.4  | 735.8 | 614.6 | 536.7 | 483.5 | 446.4 |
| 7.5°  | 6077.1 | 4569.6 | 3162.2 | 2050.4 | 1371.5 | 981.9  | 759.3 | 628.2 | 545.4 | 489.7 | 450.2 |
| 5°    | 6399.9 | 4852.8 | 3378.6 | 2170.4 | 1433.3 | 1014.1 | 776.6 | 638.1 | 551.6 | 493.4 | 452.6 |
| 2.5°  | 6597.8 | 5082.8 | 3554.3 | 2268.1 | 1484.0 | 1040.1 | 790.2 | 645.6 | 556.5 | 495.9 | 455.1 |
| 0°    | 6663.3 | 5082.8 | 3554.3 | 2268.1 | 1484.0 | 1040.1 | 790.2 | 645.6 | 556.5 | 495.9 | 455.1 |

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**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  |
| 87.5° | 8.7   | 8.7   | 7.4   | 7.4   | 6.2   | 6.2   | 4.9   | 4.9   | 3.7   | 3.7   | 2.5  |
| 85°   | 19.8  | 17.3  | 16.1  | 14.8  | 13.6  | 12.4  | 11.1  | 9.9   | 8.7   | 7.4   | 6.2  |
| 82.5° | 33.4  | 30.9  | 27.2  | 24.7  | 22.3  | 19.8  | 16.1  | 14.8  | 12.4  | 9.9   | 8.7  |
| 80°   | 47.0  | 43.3  | 39.6  | 35.9  | 32.2  | 28.4  | 24.7  | 21.0  | 17.3  | 13.6  | 11.1 |
| 77.5° | 60.6  | 55.7  | 51.9  | 47.0  | 42.0  | 37.1  | 32.2  | 27.2  | 22.3  | 17.3  | 13.6 |
| 75°   | 76.7  | 70.5  | 64.3  | 58.1  | 51.9  | 45.8  | 40.8  | 34.6  | 28.4  | 22.3  | 17.3 |
| 72.5° | 94.0  | 85.3  | 77.9  | 70.5  | 61.8  | 55.7  | 48.2  | 42.0  | 34.6  | 27.2  | 21.0 |
| 70°   | 112.5 | 102.6 | 92.8  | 82.9  | 74.2  | 64.3  | 56.9  | 48.2  | 40.8  | 32.2  | 24.7 |
| 67.5° | 131.1 | 120.0 | 108.8 | 96.5  | 85.3  | 75.4  | 64.3  | 55.7  | 45.8  | 37.1  | 28.4 |
| 65°   | 153.3 | 138.5 | 124.9 | 111.3 | 97.7  | 85.3  | 74.2  | 61.8  | 51.9  | 42.0  | 32.2 |
| 62.5° | 174.4 | 158.3 | 142.2 | 126.1 | 111.3 | 96.5  | 82.9  | 70.5  | 58.1  | 47.0  | 35.9 |
| 60°   | 195.4 | 178.1 | 159.5 | 142.2 | 124.9 | 108.8 | 92.8  | 77.9  | 64.3  | 51.9  | 39.6 |
| 57.5° | 216.4 | 196.6 | 178.1 | 158.3 | 138.5 | 120.0 | 102.6 | 85.3  | 70.5  | 55.7  | 43.3 |
| 55°   | 235.0 | 216.4 | 195.4 | 174.4 | 153.3 | 131.1 | 112.5 | 94.0  | 76.7  | 60.6  | 47.0 |
| 52.5° | 254.8 | 233.7 | 212.7 | 189.2 | 168.2 | 143.5 | 122.4 | 101.4 | 82.9  | 65.5  | 50.7 |
| 50°   | 273.3 | 251.0 | 227.6 | 205.3 | 180.6 | 155.8 | 132.3 | 110.1 | 89.0  | 70.5  | 53.2 |
| 47.5° | 290.6 | 267.1 | 243.6 | 218.9 | 194.2 | 168.2 | 142.2 | 117.5 | 95.2  | 75.4  | 56.9 |
| 45°   | 305.5 | 284.4 | 258.5 | 232.5 | 207.8 | 179.3 | 152.1 | 124.9 | 101.4 | 80.4  | 59.4 |
| 42.5° | 319.1 | 298.0 | 273.3 | 247.3 | 218.9 | 190.5 | 162.0 | 133.6 | 107.6 | 84.1  | 63.1 |
| 40°   | 331.4 | 310.4 | 286.9 | 258.5 | 230.0 | 201.6 | 170.7 | 141.0 | 113.8 | 89.0  | 65.5 |
| 37.5° | 343.8 | 321.5 | 298.0 | 270.8 | 241.2 | 211.5 | 180.6 | 149.6 | 120.0 | 92.8  | 69.3 |
| 35°   | 353.7 | 332.7 | 307.9 | 282.0 | 251.0 | 221.4 | 189.2 | 157.1 | 124.9 | 96.5  | 73.0 |
| 32.5° | 362.4 | 342.6 | 319.1 | 291.9 | 260.9 | 228.8 | 196.6 | 163.2 | 129.9 | 101.4 | 75.4 |
| 30°   | 371.0 | 351.2 | 326.5 | 300.5 | 270.8 | 237.4 | 204.1 | 169.4 | 136.0 | 105.1 | 77.9 |
| 27.5° | 379.7 | 358.6 | 335.1 | 307.9 | 279.5 | 244.9 | 211.5 | 175.6 | 141.0 | 108.8 | 80.4 |
| 25°   | 387.1 | 364.8 | 342.6 | 315.4 | 286.9 | 252.3 | 217.7 | 181.8 | 145.9 | 112.5 | 82.9 |
| 22.5° | 393.3 | 371.0 | 348.7 | 321.5 | 293.1 | 258.5 | 222.6 | 186.7 | 149.6 | 115.0 | 85.3 |
| 20°   | 399.5 | 377.2 | 353.7 | 327.7 | 298.0 | 264.7 | 227.6 | 191.7 | 153.3 | 117.5 | 86.6 |
| 17.5° | 405.6 | 382.1 | 358.6 | 332.7 | 303.0 | 269.6 | 232.5 | 195.4 | 157.1 | 120.0 | 89.0 |
| 15°   | 410.6 | 385.8 | 362.4 | 336.4 | 307.9 | 274.5 | 236.2 | 199.1 | 159.5 | 122.4 | 90.3 |
| 12.5° | 414.3 | 389.6 | 366.1 | 340.1 | 310.4 | 278.3 | 239.9 | 201.6 | 162.0 | 124.9 | 91.5 |
| 10°   | 418.0 | 393.3 | 368.5 | 343.8 | 314.1 | 280.7 | 242.4 | 204.1 | 164.5 | 126.1 | 92.8 |
| 7.5°  | 420.5 | 395.7 | 371.0 | 346.3 | 316.6 | 283.2 | 244.9 | 206.5 | 165.7 | 127.4 | 94.0 |
| 5°    | 422.9 | 397.0 | 372.2 | 347.5 | 317.8 | 286.9 | 247.3 | 209.0 | 168.2 | 128.6 | 94.0 |
| 2.5°  | 424.2 | 398.2 | 373.5 | 348.7 | 319.1 | 286.9 | 247.3 | 209.0 | 168.2 | 128.6 | 94.0 |
| 0°    | 424.2 | 398.2 | 373.5 | 348.7 | 319.1 | 286.9 | 247.3 | 209.0 | 168.2 | 128.6 | 94.0 |

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CATALOG NUMBER: IFLD-S-SA2B-740-U-55

**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°  | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90°   | 0.0   | 0.0  | 0.0   | 0.0 |
| 87.5° | 2.5   | 1.2  | 1.2   | 0.0 |
| 85°   | 3.7   | 2.5  | 1.2   | 0.0 |
| 82.5° | 6.2   | 3.7  | 2.5   | 0.0 |
| 80°   | 8.7   | 6.2  | 2.5   | 0.0 |
| 77.5° | 9.9   | 7.4  | 3.7   | 0.0 |
| 75°   | 12.4  | 8.7  | 3.7   | 0.0 |
| 72.5° | 14.8  | 9.9  | 4.9   | 0.0 |
| 70°   | 16.1  | 11.1 | 4.9   | 0.0 |
| 67.5° | 19.8  | 12.4 | 6.2   | 0.0 |
| 65°   | 22.3  | 13.6 | 6.2   | 0.0 |
| 62.5° | 24.7  | 14.8 | 7.4   | 0.0 |
| 60°   | 27.2  | 16.1 | 7.4   | 0.0 |
| 57.5° | 30.9  | 17.3 | 8.7   | 0.0 |
| 55°   | 33.4  | 19.8 | 8.7   | 0.0 |
| 52.5° | 35.9  | 21.0 | 9.9   | 0.0 |
| 50°   | 38.3  | 22.3 | 9.9   | 0.0 |
| 47.5° | 39.6  | 24.7 | 11.1  | 0.0 |
| 45°   | 42.0  | 26.0 | 11.1  | 0.0 |
| 42.5° | 44.5  | 27.2 | 12.4  | 0.0 |
| 40°   | 47.0  | 28.4 | 12.4  | 0.0 |
| 37.5° | 49.5  | 29.7 | 12.4  | 0.0 |
| 35°   | 50.7  | 30.9 | 13.6  | 0.0 |
| 32.5° | 53.2  | 32.2 | 13.6  | 0.0 |
| 30°   | 54.4  | 33.4 | 13.6  | 0.0 |
| 27.5° | 55.7  | 34.6 | 14.8  | 0.0 |
| 25°   | 56.9  | 34.6 | 14.8  | 0.0 |
| 22.5° | 58.1  | 35.9 | 14.8  | 0.0 |
| 20°   | 59.4  | 37.1 | 14.8  | 0.0 |
| 17.5° | 60.6  | 37.1 | 14.8  | 0.0 |
| 15°   | 61.8  | 38.3 | 16.1  | 0.0 |
| 12.5° | 63.1  | 38.3 | 16.1  | 0.0 |
| 10°   | 63.1  | 39.6 | 16.1  | 0.0 |
| 7.5°  | 64.3  | 39.6 | 16.1  | 0.0 |
| 5°    | 64.3  | 39.6 | 16.1  | 0.0 |
| 2.5°  | 64.3  | 39.6 | 16.1  | 0.0 |
| 0°    | 64.3  | 39.6 | 16.1  | 0.0 |

(END OF REPORT)