

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: LUMARK

Report Number: P980899

Luminaire Tested: **NFFLD-L-C75-7022-33**

Issue Date: 04/10/2025



**Test Information**

Test Method: LM-79-08  
Report Number: P980899  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/10/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: NFFLD-L-C75-7022-33  
Description: NIGHT FALCON LARGE SIZE 240W 70CRI 2200K LED FIXTURE NEMA 3  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

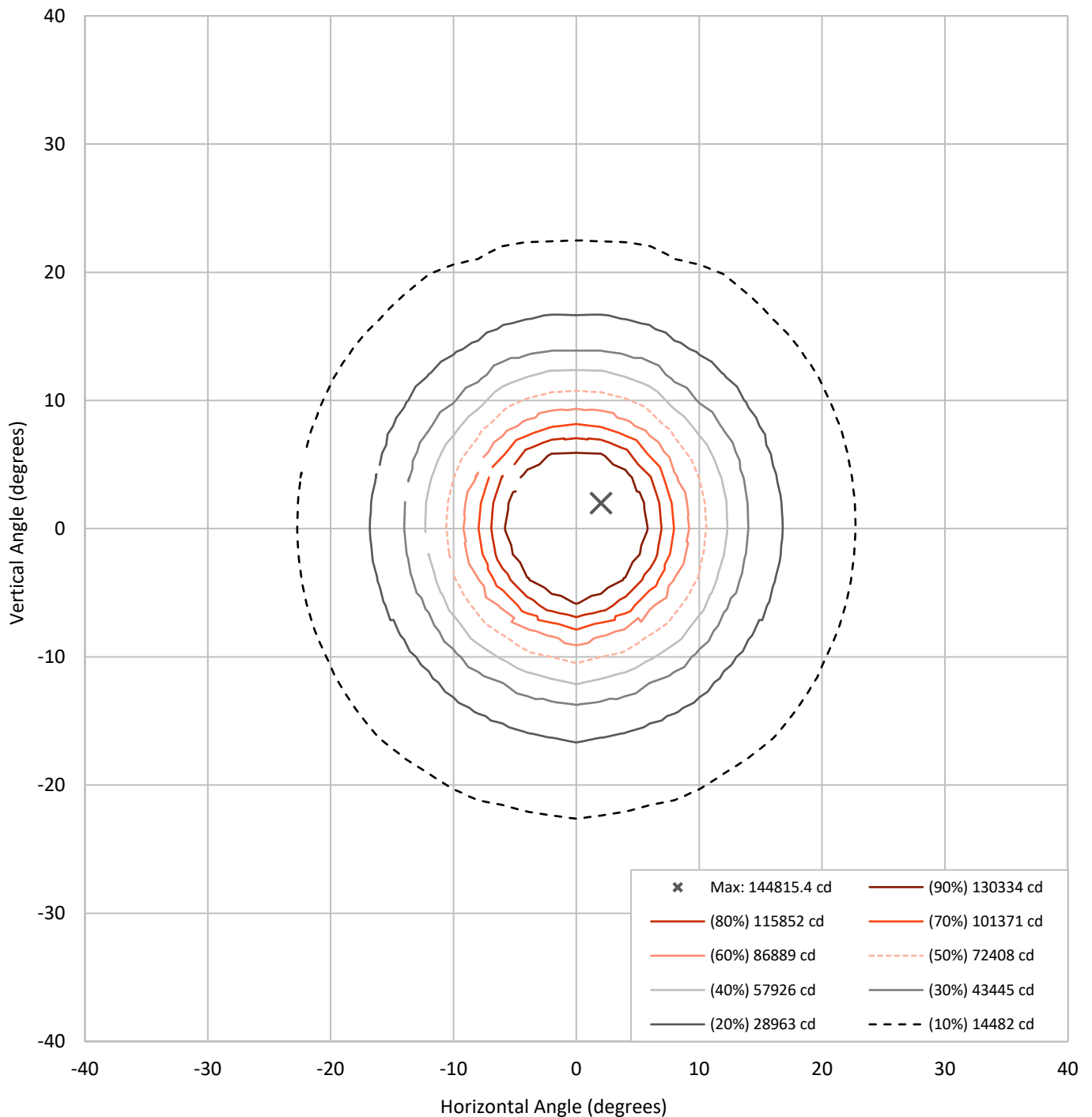
**Summary**

|                   |   |                      |                  |
|-------------------|---|----------------------|------------------|
| Lumens per Lamp:  | N/A                                     | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens: | 26471.9 lumens                          | Max Intensity:       | 144815.4 candela |
| Efficiency:       | N/A                                     | Max Intensity Angle: | 2°H x 2°V        |
| Efficacy:         | 110.0 lumens/watt                       |                      |                  |
| Luminous Opening: | Rectangular (W 0.75' x L: 1.1' x H: 0') |                      |                  |
| Beam Angle (50%): | 20.9°H x 20.7°V                         | Field Angle (10%):   | 45.3°H x 44.8°V  |
| Beam Lumens:      | 11462.9 lumens                          | Field Lumens:        | 23350.4 lumens   |
| Beam Efficiency:  | 43.3%                                   | Field Efficiency:    | 88.2%            |

Input Watts (W): 240.7  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.99  
Total Harmonic Distortion (THDi): 4.60%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Iso-Candela Plot





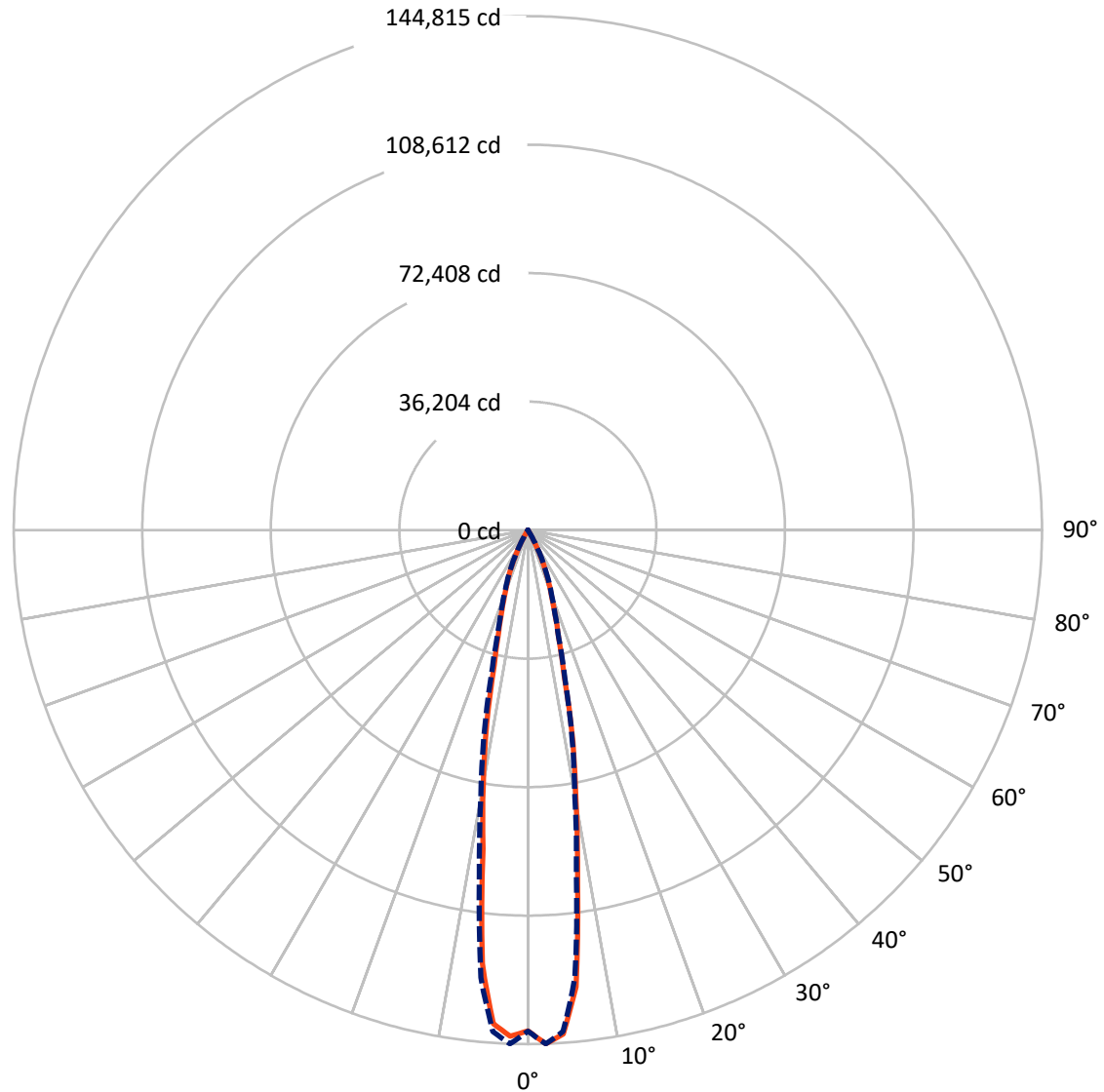
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### Lumen Table

|     |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 90  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10  | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0   | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -10 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -20 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -30 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -40 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -50 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -60 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -70 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -80 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -90 | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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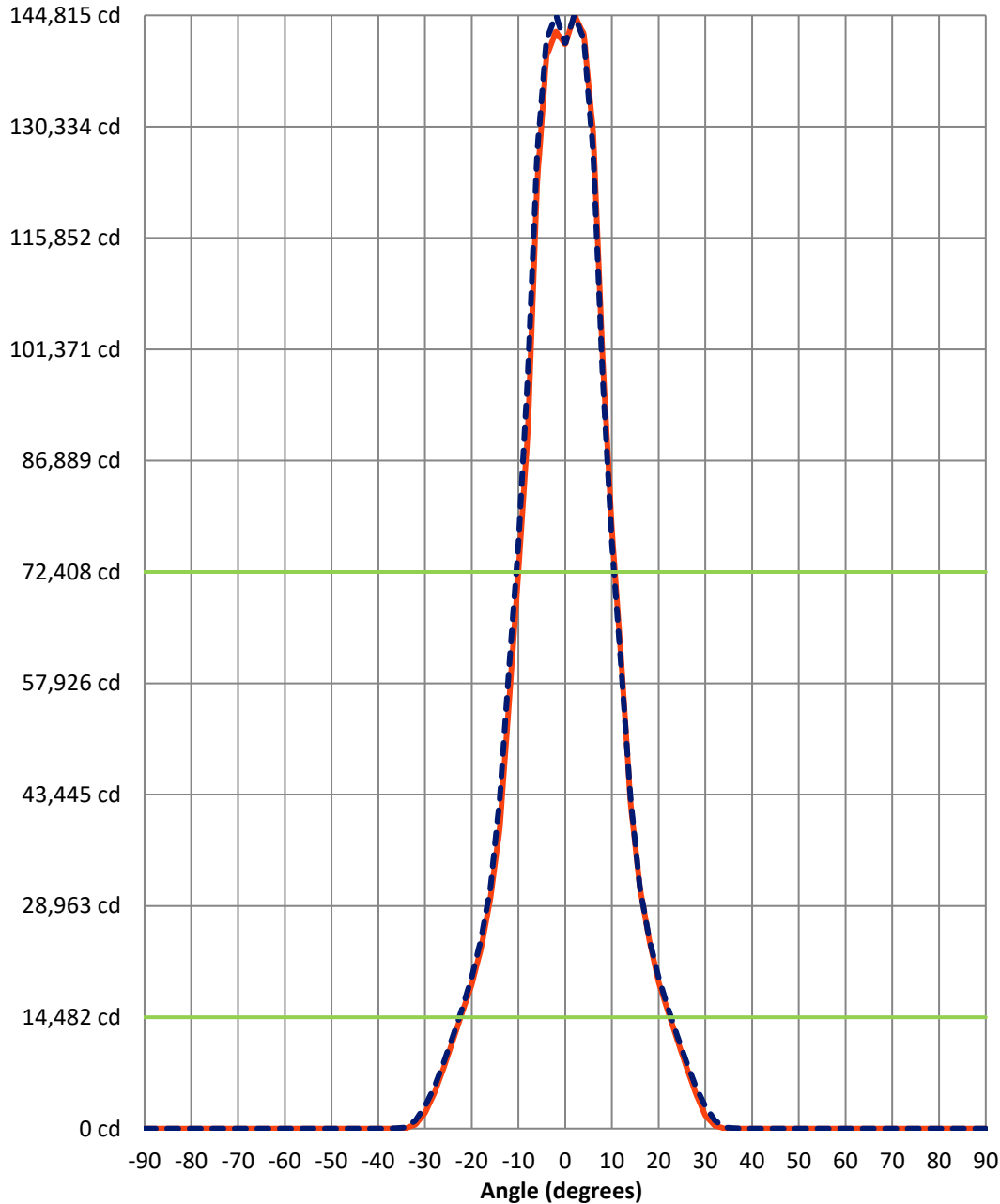
### Luminous Intensity Polar Plot



— Vertical Distribution Through 2-Deg      - - - Horizontal Distribution Through 2-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 20.9°  
V Angle: 20.7°  
Lumens: 11462.9  
Efficiency: 43.3%

**Field:**  
H Angle: 45.3°  
V Angle: 44.8°  
Lumens: 23350.4  
Efficiency: 88.2%

**Spill:**  
Lumens: 3121.5  
Efficiency: 11.8%

— Vertical Distribution through 2-Deg  
- - Horizontal Distribution through 2-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|     | 0°       | 2°       | 4°       | 6°       | 8°      | 10°     | 12°     | 14°     | 16°     | 18°     | 20°     |
|-----|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 88° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 86° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 84° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 82° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 80° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 78° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 76° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 74° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 72° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 70° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 68° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 66° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 64° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 62° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 60° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 58° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 56° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 54° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 52° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 50° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 48° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 46° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 44° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 42° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 40° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 38° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 36° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 34° | 13.7     | 27.3     | 13.7     | 13.7     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 32° | 348.1    | 402.7    | 382.3    | 484.7    | 314.0   | 327.7   | 163.8   | 20.5    | 0.0     | 0.0     | 0.0     |
| 30° | 1597.3   | 1699.7   | 1651.9   | 1863.5   | 1249.2  | 1283.3  | 921.5   | 457.3   | 204.8   | 54.6    | 0.0     |
| 28° | 4437.0   | 4525.7   | 4327.7   | 4280.0   | 3262.9  | 3160.5  | 2566.6  | 1563.2  | 901.0   | 450.5   | 116.0   |
| 26° | 7863.6   | 7911.4   | 7727.1   | 7515.5   | 6136.7  | 5870.4  | 5003.5  | 3372.1  | 2300.4  | 1385.7  | 689.4   |
| 24° | 11577.0  | 11536.1  | 11406.4  | 10996.8  | 9440.5  | 8969.5  | 7945.6  | 5931.9  | 4382.3  | 2969.3  | 1863.5  |
| 22° | 15392.8  | 15242.6  | 15126.6  | 14560.0  | 12894.5 | 12211.9 | 11085.6 | 8860.3  | 6894.3  | 5085.4  | 3563.2  |
| 20° | 19222.3  | 19072.1  | 18846.8  | 18191.5  | 16225.6 | 15447.4 | 14252.9 | 11959.3 | 9665.7  | 7590.6  | 5576.9  |
| 18° | 24403.3  | 24539.8  | 23925.4  | 22744.5  | 20116.5 | 18758.1 | 17154.0 | 14853.6 | 12403.0 | 10089.0 | 7754.4  |
| 16° | 31222.5  | 31352.2  | 29993.8  | 28417.0  | 24812.8 | 22956.1 | 20464.6 | 17563.5 | 14915.0 | 12594.1 | 10034.3 |
| 14° | 42458.2  | 42349.0  | 39727.8  | 36649.2  | 31004.1 | 27679.8 | 24485.2 | 20703.5 | 17351.9 | 14771.6 | 12068.5 |
| 12° | 61537.2  | 60916.0  | 56574.6  | 50472.1  | 39680.0 | 33673.1 | 29072.3 | 24198.5 | 19911.7 | 16771.7 | 13877.4 |
| 10° | 78834.5  | 77953.9  | 73776.3  | 66622.6  | 53154.7 | 42342.2 | 34533.2 | 27891.4 | 22751.3 | 18867.3 | 15461.1 |
| 8°  | 103299.1 | 100452.7 | 91278.4  | 80117.8  | 67578.2 | 54014.8 | 42028.2 | 31966.6 | 25434.0 | 20778.6 | 16935.5 |
| 6°  | 129839.0 | 129402.1 | 118644.2 | 97824.6  | 78616.0 | 64895.6 | 49912.3 | 36505.9 | 27898.2 | 22457.8 | 18143.7 |
| 4°  | 142856.3 | 142310.2 | 135129.2 | 117033.2 | 88786.9 | 72206.3 | 56267.4 | 40355.8 | 29946.0 | 23768.4 | 19024.3 |
| 2°  | 141190.7 | 144815.4 | 141620.8 | 126767.2 | 98049.9 | 76165.5 | 59926.2 | 42942.9 | 31318.1 | 24655.8 | 19679.6 |



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**CANDELA DISTRIBUTION (continued):**

|      | 0°       | 2°       | 4°       | 6°       | 8°       | 10°     | 12°     | 14°     | 16°     | 18°     | 20°     |
|------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|
| 0°   | 140385.3 | 141067.9 | 142071.3 | 129026.7 | 100698.4 | 77250.8 | 60499.6 | 43461.7 | 31720.8 | 24901.6 | 19782.0 |
| -2°  | 143962.1 | 142685.6 | 139279.4 | 123941.2 | 96111.3  | 75414.6 | 58103.6 | 41768.8 | 31045.0 | 24464.7 | 19406.6 |
| -4°  | 142474.0 | 139422.8 | 129347.5 | 109347.1 | 86206.6  | 70964.0 | 52656.4 | 38444.5 | 29516.0 | 23495.4 | 18696.6 |
| -6°  | 129347.5 | 122794.4 | 108801.0 | 89039.4  | 76172.3  | 62363.1 | 45516.3 | 34348.9 | 27324.8 | 22061.9 | 17652.3 |
| -8°  | 99421.9  | 90623.1  | 84541.1  | 74595.5  | 65093.5  | 50874.8 | 38069.1 | 30253.2 | 24819.6 | 20334.9 | 16444.0 |
| -10° | 76656.9  | 72465.7  | 68643.1  | 59714.6  | 50704.2  | 40273.9 | 31748.1 | 26382.8 | 22157.5 | 18430.4 | 15017.4 |
| -12° | 59045.6  | 55468.8  | 50936.2  | 43666.5  | 38198.8  | 32376.1 | 26785.6 | 22908.3 | 19584.0 | 16526.0 | 13495.2 |
| -14° | 41338.8  | 39113.5  | 36840.4  | 33045.1  | 30184.9  | 26546.6 | 22628.5 | 19652.3 | 17194.9 | 14491.8 | 11618.0 |
| -16° | 31181.6  | 29966.5  | 28655.9  | 26266.8  | 24526.1  | 21939.0 | 19017.5 | 16908.2 | 14935.5 | 12348.4 | 9590.6  |
| -18° | 24532.9  | 23433.9  | 22642.1  | 21160.9  | 19986.8  | 18082.3 | 16116.4 | 14334.8 | 12423.5 | 9850.0  | 7344.9  |
| -20° | 19317.8  | 18744.4  | 18075.5  | 17160.8  | 16498.6  | 15017.4 | 13153.9 | 11433.7 | 9672.6  | 7297.1  | 5181.0  |
| -22° | 15638.6  | 15167.6  | 14607.8  | 13720.4  | 13065.1  | 11686.3 | 9925.1  | 8614.5  | 7010.4  | 4942.1  | 3269.7  |
| -24° | 11952.5  | 11502.0  | 11010.5  | 10157.2  | 9522.4   | 8321.0  | 6826.1  | 5781.7  | 4532.5  | 2805.5  | 1611.0  |
| -26° | 8348.3   | 7897.8   | 7501.9   | 6703.2   | 6177.6   | 5194.7  | 4068.3  | 3297.0  | 2355.0  | 1194.6  | 546.1   |
| -28° | 5024.0   | 4600.8   | 4334.6   | 3638.3   | 3269.7   | 2580.3  | 1925.0  | 1419.8  | 901.0   | 355.0   | 68.3    |
| -30° | 2307.2   | 2041.0   | 1877.2   | 1419.8   | 1249.2   | 860.1   | 580.2   | 402.7   | 204.8   | 34.1    | 0.0     |
| -32° | 669.0    | 539.3    | 457.3    | 334.5    | 307.2    | 163.8   | 61.4    | 20.5    | 6.8     | 0.0     | 0.0     |
| -34° | 102.4    | 61.4     | 20.5     | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -36° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -38° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -40° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -42° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -44° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -46° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -48° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -50° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -52° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -54° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -56° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -58° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -60° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -62° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -64° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -66° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -68° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -70° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -72° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -74° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -76° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -78° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -80° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -82° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -84° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -86° | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| -88° | 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):**

|      | 0°  | 2°  | 4°  | 6°  | 8°  | 10° | 12° | 14° | 16° | 18° | 20° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| -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):**

|     | 22°     | 24°     | 26°    | 28°    | 30°    | 32°    | 34°   | 36°  | 38° | 40° | 42° |
|-----|---------|---------|--------|--------|--------|--------|-------|------|-----|-----|-----|
| 90° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 88° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 86° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 84° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 82° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 80° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 78° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 76° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 74° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 72° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 70° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 68° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 66° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 64° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 62° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 60° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 58° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 56° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 54° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 52° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 50° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 48° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 46° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 44° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 42° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 40° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 38° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 36° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 34° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 32° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 30° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 28° | 34.1    | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 26° | 314.0   | 54.6    | 13.7   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 24° | 983.0   | 293.5   | 116.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 22° | 2157.0  | 873.7   | 382.3  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 20° | 3679.3  | 1952.3  | 928.3  | 95.6   | 54.6   | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 18° | 5419.9  | 3297.0  | 1733.8 | 382.3  | 204.8  | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 16° | 7290.3  | 4771.4  | 2771.4 | 955.7  | 498.3  | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 14° | 9037.7  | 6273.2  | 3897.7 | 1774.8 | 860.1  | 88.7   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 12° | 10764.7 | 7747.6  | 5030.8 | 2628.0 | 1297.0 | 232.1  | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| 10° | 12287.0 | 9071.9  | 6095.7 | 3440.3 | 1727.0 | 409.6  | 6.8   | 6.8  | 0.0 | 0.0 | 0.0 |
| 8°  | 13556.6 | 10184.5 | 7003.6 | 4150.3 | 2136.6 | 634.8  | 47.8  | 20.5 | 0.0 | 0.0 | 0.0 |
| 6°  | 14566.9 | 11078.7 | 7747.6 | 4730.5 | 2484.7 | 832.8  | 88.7  | 34.1 | 0.0 | 0.0 | 0.0 |
| 4°  | 15270.0 | 11706.7 | 8293.7 | 5160.5 | 2750.9 | 989.8  | 122.9 | 54.6 | 0.0 | 0.0 | 0.0 |
| 2°  | 15700.0 | 12048.0 | 8594.0 | 5399.4 | 2901.1 | 1085.3 | 150.2 | 61.4 | 0.0 | 0.0 | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|      | 22°     | 24°     | 26°    | 28°    | 30°    | 32°    | 34°   | 36°  | 38° | 40° | 42° |
|------|---------|---------|--------|--------|--------|--------|-------|------|-----|-----|-----|
| 0°   | 15816.0 | 12150.4 | 8676.0 | 5460.9 | 2948.9 | 1119.5 | 157.0 | 68.3 | 0.0 | 0.0 | 0.0 |
| -2°  | 15611.3 | 11986.6 | 8519.0 | 5324.3 | 2853.3 | 1071.7 | 150.2 | 61.4 | 0.0 | 0.0 | 0.0 |
| -4°  | 15119.8 | 11549.7 | 8109.4 | 5010.3 | 2655.3 | 955.7  | 122.9 | 54.6 | 0.0 | 0.0 | 0.0 |
| -6°  | 14355.3 | 10853.5 | 7488.2 | 4518.9 | 2348.2 | 785.0  | 81.9  | 34.1 | 0.0 | 0.0 | 0.0 |
| -8°  | 13317.7 | 9904.6  | 6689.6 | 3884.0 | 1965.9 | 580.2  | 41.0  | 20.5 | 0.0 | 0.0 | 0.0 |
| -10° | 11993.4 | 8703.3  | 5713.4 | 3146.8 | 1549.5 | 368.6  | 6.8   | 0.0  | 0.0 | 0.0 | 0.0 |
| -12° | 10443.9 | 7310.7  | 4607.6 | 2327.7 | 1126.3 | 204.8  | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -14° | 8689.6  | 5788.5  | 3440.3 | 1467.6 | 709.9  | 75.1   | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -16° | 6819.3  | 4239.0  | 2327.7 | 669.0  | 355.0  | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -18° | 4955.7  | 2757.7  | 1378.9 | 225.3  | 122.9  | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -20° | 3221.9  | 1447.1  | 669.0  | 47.8   | 27.3   | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -22° | 1795.3  | 498.3   | 232.1  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -24° | 764.5   | 157.0   | 68.3   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -26° | 225.3   | 20.5    | 6.8    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -28° | 20.5    | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -30° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -32° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -34° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -36° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -38° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -40° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -42° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -44° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -46° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -48° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -50° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -52° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -54° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -56° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -58° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -60° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -62° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -64° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -66° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -68° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -70° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -72° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -74° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -76° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -78° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -80° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -82° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -84° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -86° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 | 0.0 | 0.0 |
| -88° | 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):**

|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° | 40° | 42° |
| -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: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|     | 44° | 46° | 48° | 50° | 52° | 54° | 56° | 58° | 60° | 62° | 64° |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 86° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 84° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 78° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 76° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 74° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 68° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 66° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 64° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 58° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 56° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 54° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 48° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 46° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 44° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      | 44° | 46° | 48° | 50° | 52° | 54° | 56° | 58° | 60° | 62° | 64° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -2°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -4°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -6°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -8°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -12° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -14° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -16° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -18° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -22° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -24° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -26° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -28° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -32° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -34° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -36° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -38° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -42° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -44° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -46° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -48° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -52° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -54° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -56° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -58° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -62° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -64° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -66° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -68° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -72° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -74° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -76° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -78° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -82° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -84° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -86° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -88° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      | 44° | 46° | 48° | 50° | 52° | 54° | 56° | 58° | 60° | 62° | 64° |
| -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: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|     | 66° | 68° | 70° | 72° | 74° | 76° | 78° | 80° | 82° | 84° | 86° |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 86° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 84° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 78° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 76° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 74° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 68° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 66° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 64° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 58° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 56° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 54° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 48° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 46° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 44° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      | 66° | 68° | 70° | 72° | 74° | 76° | 78° | 80° | 82° | 84° | 86° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -2°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -4°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -6°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -8°  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -12° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -14° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -16° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -18° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -22° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -24° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -26° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -28° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -32° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -34° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -36° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -38° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -42° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -44° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -46° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -48° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -52° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -54° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -56° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -58° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -62° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -64° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -66° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -68° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -72° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -74° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -76° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -78° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -82° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -84° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -86° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -88° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      |     |     |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      | 66° | 68° | 70° | 72° | 74° | 76° | 78° | 80° | 82° | 84° | 86° |
| -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: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|     | 88° | 90° |
|-----|-----|-----|
| 90° | 0.0 | 0.0 |
| 88° | 0.0 | 0.0 |
| 86° | 0.0 | 0.0 |
| 84° | 0.0 | 0.0 |
| 82° | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 |
| 78° | 0.0 | 0.0 |
| 76° | 0.0 | 0.0 |
| 74° | 0.0 | 0.0 |
| 72° | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 |
| 68° | 0.0 | 0.0 |
| 66° | 0.0 | 0.0 |
| 64° | 0.0 | 0.0 |
| 62° | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 |
| 58° | 0.0 | 0.0 |
| 56° | 0.0 | 0.0 |
| 54° | 0.0 | 0.0 |
| 52° | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 |
| 48° | 0.0 | 0.0 |
| 46° | 0.0 | 0.0 |
| 44° | 0.0 | 0.0 |
| 42° | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 |
| 38° | 0.0 | 0.0 |
| 36° | 0.0 | 0.0 |
| 34° | 0.0 | 0.0 |
| 32° | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 |
| 28° | 0.0 | 0.0 |
| 26° | 0.0 | 0.0 |
| 24° | 0.0 | 0.0 |
| 22° | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 |
| 18° | 0.0 | 0.0 |
| 16° | 0.0 | 0.0 |
| 14° | 0.0 | 0.0 |
| 12° | 0.0 | 0.0 |
| 10° | 0.0 | 0.0 |
| 8°  | 0.0 | 0.0 |
| 6°  | 0.0 | 0.0 |
| 4°  | 0.0 | 0.0 |
| 2°  | 0.0 | 0.0 |



REPORT NUMBER: P980899

CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      | 88° | 90° |
|------|-----|-----|
| 0°   | 0.0 | 0.0 |
| -2°  | 0.0 | 0.0 |
| -4°  | 0.0 | 0.0 |
| -6°  | 0.0 | 0.0 |
| -8°  | 0.0 | 0.0 |
| -10° | 0.0 | 0.0 |
| -12° | 0.0 | 0.0 |
| -14° | 0.0 | 0.0 |
| -16° | 0.0 | 0.0 |
| -18° | 0.0 | 0.0 |
| -20° | 0.0 | 0.0 |
| -22° | 0.0 | 0.0 |
| -24° | 0.0 | 0.0 |
| -26° | 0.0 | 0.0 |
| -28° | 0.0 | 0.0 |
| -30° | 0.0 | 0.0 |
| -32° | 0.0 | 0.0 |
| -34° | 0.0 | 0.0 |
| -36° | 0.0 | 0.0 |
| -38° | 0.0 | 0.0 |
| -40° | 0.0 | 0.0 |
| -42° | 0.0 | 0.0 |
| -44° | 0.0 | 0.0 |
| -46° | 0.0 | 0.0 |
| -48° | 0.0 | 0.0 |
| -50° | 0.0 | 0.0 |
| -52° | 0.0 | 0.0 |
| -54° | 0.0 | 0.0 |
| -56° | 0.0 | 0.0 |
| -58° | 0.0 | 0.0 |
| -60° | 0.0 | 0.0 |
| -62° | 0.0 | 0.0 |
| -64° | 0.0 | 0.0 |
| -66° | 0.0 | 0.0 |
| -68° | 0.0 | 0.0 |
| -70° | 0.0 | 0.0 |
| -72° | 0.0 | 0.0 |
| -74° | 0.0 | 0.0 |
| -76° | 0.0 | 0.0 |
| -78° | 0.0 | 0.0 |
| -80° | 0.0 | 0.0 |
| -82° | 0.0 | 0.0 |
| -84° | 0.0 | 0.0 |
| -86° | 0.0 | 0.0 |
| -88° | 0.0 | 0.0 |



REPORT NUMBER: P980899  
CATALOG NUMBER: NFFLD-L-C75-7022-33

**CANDELA DISTRIBUTION (continued):**

|      |     |     |
|------|-----|-----|
|      | 88° | 90° |
| -90° | 0.0 | 0.0 |

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Lumark

Report Number: SP1-2501-319-1

Test Date: 02/03/2025

Luminaire Tested: NFFLD-C25-7022-33

Data in this report applies to families of products including NFFLD-C25-7022-33

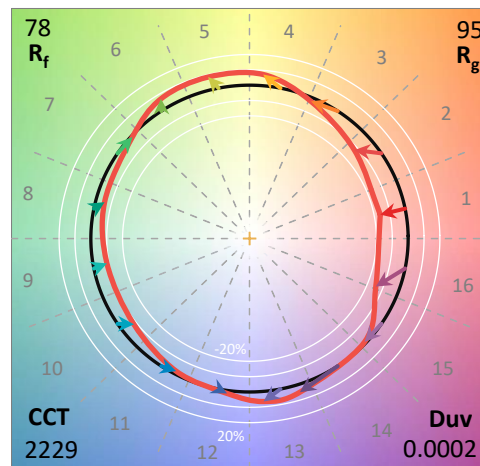
**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2501-319-1  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 02/06/2025  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Lumark  
 Catalog Number: **NFFLD-C25-7022-33**  
 Description: LUMARK NIGHT FALCON 10500LM NEMA 3

**Spectral Parameters**

CCT (K): 2229  
 CIE u': 0.2881  
 CIE v': 0.5359  
 Duv: 0.0002  
 CIE x: 0.5030  
 CIE y: 0.4158  
 CIE z: 0.0812  
 Peak Wavelength (nm): 607  
 Dominant Wavelength (nm): 586  
 Purity: 75.81267  
 Rf: 78.4  
 Rg: 94.6

|           |      |      |       |
|-----------|------|------|-------|
| CRI (Ra): | 73.1 |      |       |
| R1:       | 70.7 | R9:  | -28.2 |
| R2:       | 88.3 | R10: | 77.0  |
| R3:       | 89.2 | R11: | 67.4  |
| R4:       | 68.4 | R12: | 75.8  |
| R5:       | 71.2 | R13: | 74.3  |
| R6:       | 88.6 | R14: | 94.4  |
| R7:       | 71.8 | R15: | 60.0  |
| R8:       | 36.7 |      |       |



**Test Conditions**

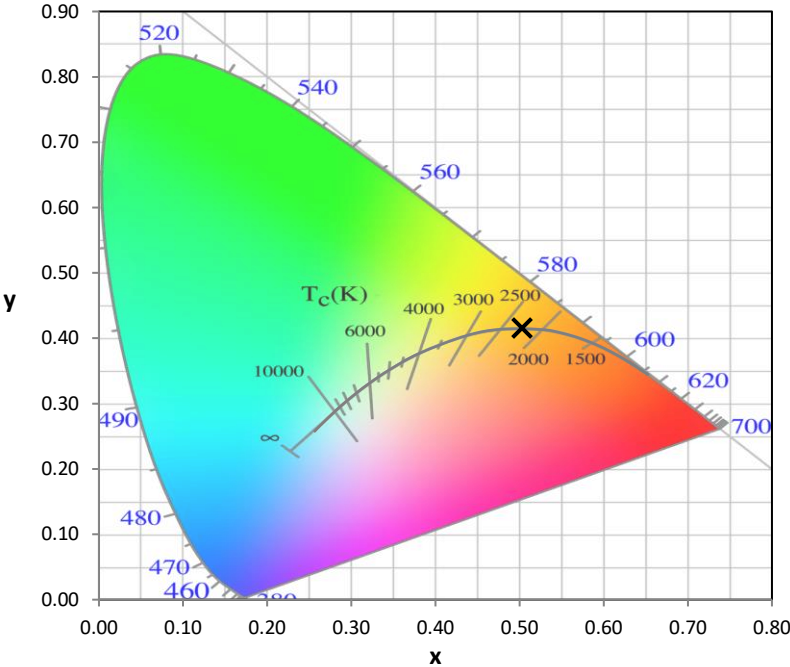
Stabilization Time: 45M  
 Operation Time: 1H 45M  
 Sphere Temperature (°C): 24.8

REPORT NUMBER: SP1-2501-319-1

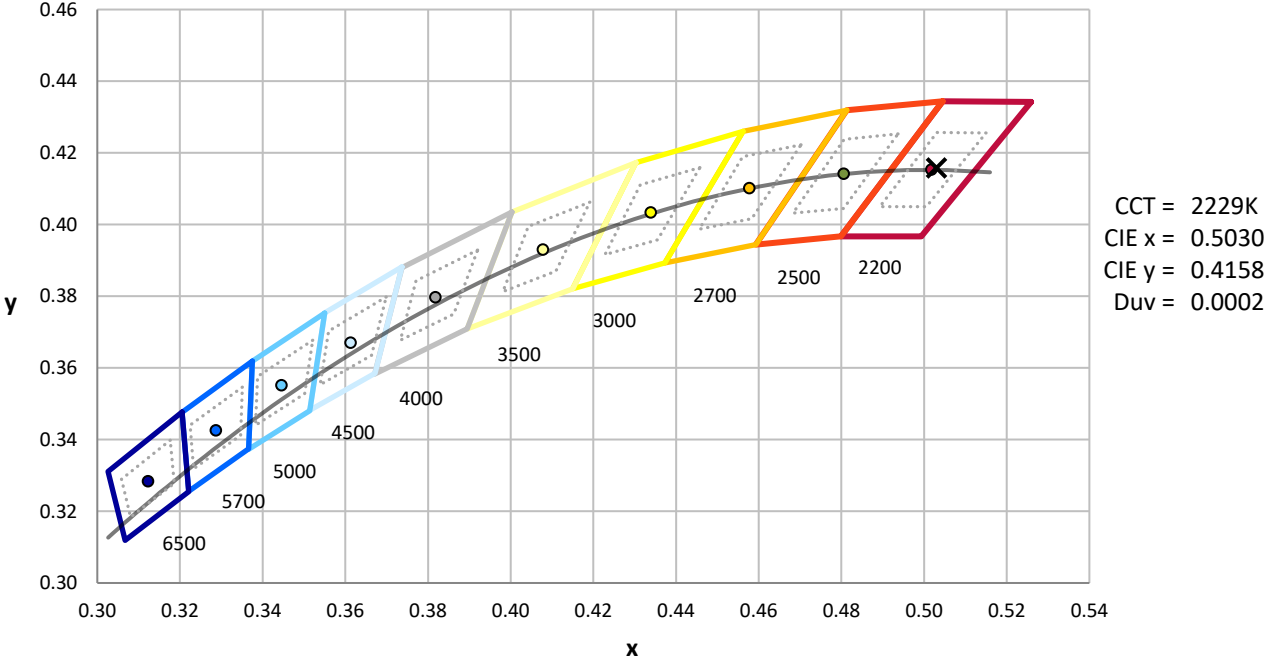
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 12/16/2024       | 6/16/2025            |
| Power Meter                    | INXT2011004           | 1/21/2025        | 1/21/2026            |
| AC Power Source                | IN0063                | 10/22/2024       | 10/22/2025           |
| DC Power Source                | IN0208                | 10/22/2024       | 10/22/2025           |
| Sphere Thermometer             | IN0085                | 10/22/2024       | 10/22/2025           |
| Room Thermometer               | IN0046                | 10/22/2024       | 10/22/2025           |

REPORT NUMBER: SP1-2501-319-1

CIE 1931 Chromaticity Diagram



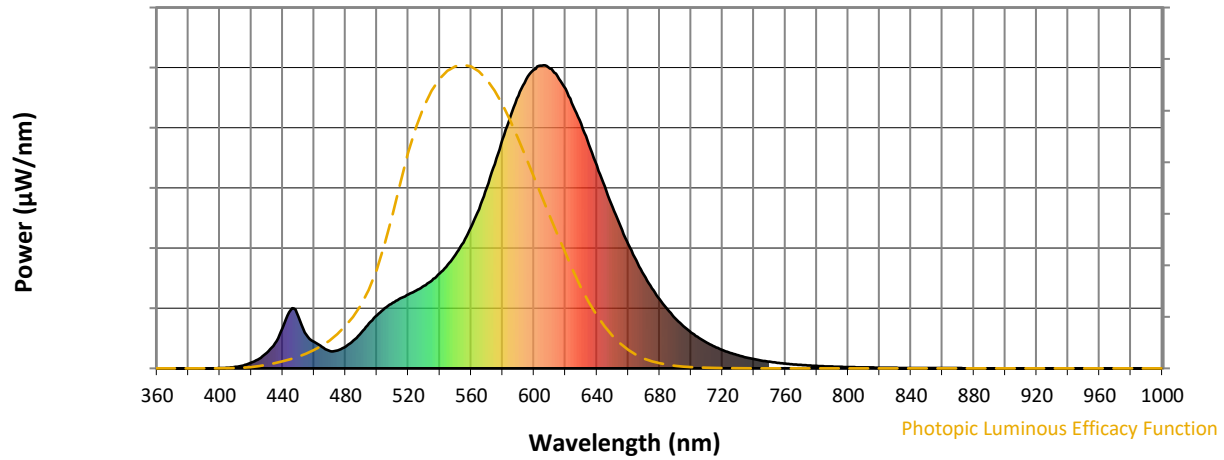
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP1-2501-319-1

**Photopic Flux vs. Wavelength**

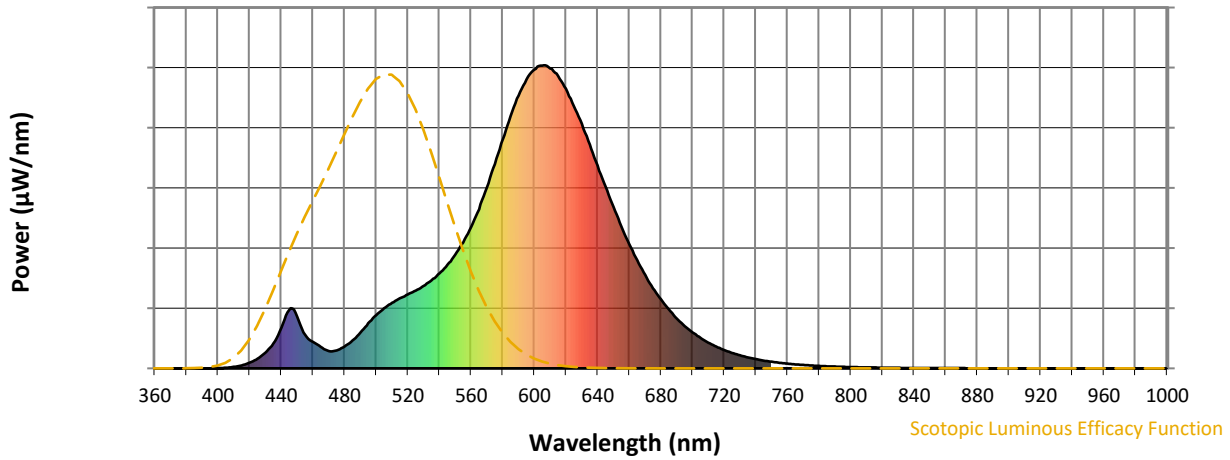


**Photopic Lumens: NR**

| $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) |
|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|
| 360               | 0                           | NR                      | 490               | 118                         | NR                      | 620               | 923                         | NR                      | 750               | 22                          | NR                      | 880               | 0                           | NR                      |
| 365               | 0                           | NR                      | 495               | 148                         | NR                      | 625               | 865                         | NR                      | 755               | 18                          | NR                      | 885               | 0                           | NR                      |
| 370               | 0                           | NR                      | 500               | 175                         | NR                      | 630               | 807                         | NR                      | 760               | 16                          | NR                      | 890               | 0                           | NR                      |
| 375               | 0                           | NR                      | 505               | 198                         | NR                      | 635               | 739                         | NR                      | 765               | 13                          | NR                      | 895               | 0                           | NR                      |
| 380               | 0                           | NR                      | 510               | 216                         | NR                      | 640               | 669                         | NR                      | 770               | 11                          | NR                      | 900               | 0                           | NR                      |
| 385               | 0                           | NR                      | 515               | 231                         | NR                      | 645               | 600                         | NR                      | 775               | 10                          | NR                      | 905               | 0                           | NR                      |
| 390               | 0                           | NR                      | 520               | 244                         | NR                      | 650               | 532                         | NR                      | 780               | 8                           | NR                      | 910               | 0                           | NR                      |
| 395               | 0                           | NR                      | 525               | 257                         | NR                      | 655               | 469                         | NR                      | 785               | 7                           | NR                      | 915               | 0                           | NR                      |
| 400               | 1                           | NR                      | 530               | 273                         | NR                      | 660               | 410                         | NR                      | 790               | 6                           | NR                      | 920               | 0                           | NR                      |
| 405               | 2                           | NR                      | 535               | 291                         | NR                      | 665               | 357                         | NR                      | 795               | 5                           | NR                      | 925               | 0                           | NR                      |
| 410               | 5                           | NR                      | 540               | 314                         | NR                      | 670               | 308                         | NR                      | 800               | 4                           | NR                      | 930               | 0                           | NR                      |
| 415               | 10                          | NR                      | 545               | 342                         | NR                      | 675               | 264                         | NR                      | 805               | 4                           | NR                      | 935               | 0                           | NR                      |
| 420               | 19                          | NR                      | 550               | 375                         | NR                      | 680               | 228                         | NR                      | 810               | 3                           | NR                      | 940               | 0                           | NR                      |
| 425               | 32                          | NR                      | 555               | 416                         | NR                      | 685               | 194                         | NR                      | 815               | 3                           | NR                      | 945               | 0                           | NR                      |
| 430               | 52                          | NR                      | 560               | 467                         | NR                      | 690               | 165                         | NR                      | 820               | 2                           | NR                      | 950               | 0                           | NR                      |
| 435               | 82                          | NR                      | 565               | 525                         | NR                      | 695               | 140                         | NR                      | 825               | 2                           | NR                      | 955               | 0                           | NR                      |
| 440               | 134                         | NR                      | 570               | 597                         | NR                      | 700               | 119                         | NR                      | 830               | 2                           | NR                      | 960               | 0                           | NR                      |
| 445               | 192                         | NR                      | 575               | 673                         | NR                      | 705               | 101                         | NR                      | 835               | 2                           | NR                      | 965               | 0                           | NR                      |
| 450               | 171                         | NR                      | 580               | 756                         | NR                      | 710               | 85                          | NR                      | 840               | 1                           | NR                      | 970               | 0                           | NR                      |
| 455               | 111                         | NR                      | 585               | 833                         | NR                      | 715               | 72                          | NR                      | 845               | 1                           | NR                      | 975               | 0                           | NR                      |
| 460               | 87                          | NR                      | 590               | 900                         | NR                      | 720               | 61                          | NR                      | 850               | 1                           | NR                      | 980               | 0                           | NR                      |
| 465               | 71                          | NR                      | 595               | 954                         | NR                      | 725               | 51                          | NR                      | 855               | 1                           | NR                      | 985               | 0                           | NR                      |
| 470               | 57                          | NR                      | 600               | 987                         | NR                      | 730               | 43                          | NR                      | 860               | 1                           | NR                      | 990               | 0                           | NR                      |
| 475               | 59                          | NR                      | 605               | 999                         | NR                      | 735               | 36                          | NR                      | 865               | 1                           | NR                      | 995               | 0                           | NR                      |
| 480               | 72                          | NR                      | 610               | 989                         | NR                      | 740               | 30                          | NR                      | 870               | 1                           | NR                      | 1000              | 0                           | NR                      |
| 485               | 92                          | NR                      | 615               | 965                         | NR                      | 745               | 26                          | NR                      | 875               | 1                           | NR                      |                   |                             |                         |

REPORT NUMBER: SP1-2501-319-1

**Scotopic Flux vs. Wavelength**



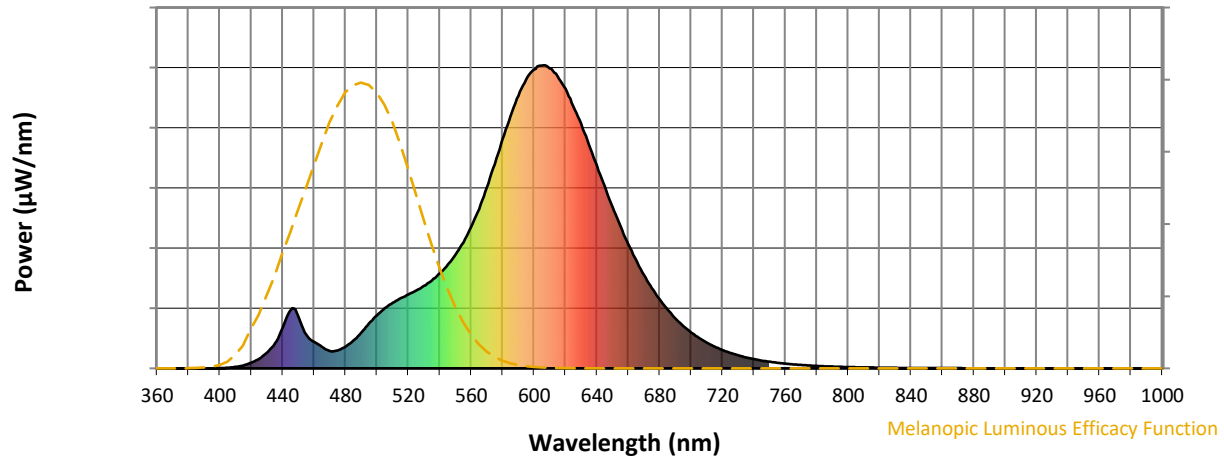
**Scotopic Lumens: NR**

**S/P: 0.94**

| $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) | $\lambda$<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>( $\phi$ /nm) |
|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|
| 360               | 0                           | NR                      | 490               | 118                         | NR                      | 620               | 923                         | NR                      | 750               | 22                          | NR                      | 880               | 0                           | NR                      |
| 365               | 0                           | NR                      | 495               | 148                         | NR                      | 625               | 865                         | NR                      | 755               | 18                          | NR                      | 885               | 0                           | NR                      |
| 370               | 0                           | NR                      | 500               | 175                         | NR                      | 630               | 807                         | NR                      | 760               | 16                          | NR                      | 890               | 0                           | NR                      |
| 375               | 0                           | NR                      | 505               | 198                         | NR                      | 635               | 739                         | NR                      | 765               | 13                          | NR                      | 895               | 0                           | NR                      |
| 380               | 0                           | NR                      | 510               | 216                         | NR                      | 640               | 669                         | NR                      | 770               | 11                          | NR                      | 900               | 0                           | NR                      |
| 385               | 0                           | NR                      | 515               | 231                         | NR                      | 645               | 600                         | NR                      | 775               | 10                          | NR                      | 905               | 0                           | NR                      |
| 390               | 0                           | NR                      | 520               | 244                         | NR                      | 650               | 532                         | NR                      | 780               | 8                           | NR                      | 910               | 0                           | NR                      |
| 395               | 0                           | NR                      | 525               | 257                         | NR                      | 655               | 469                         | NR                      | 785               | 7                           | NR                      | 915               | 0                           | NR                      |
| 400               | 1                           | NR                      | 530               | 273                         | NR                      | 660               | 410                         | NR                      | 790               | 6                           | NR                      | 920               | 0                           | NR                      |
| 405               | 2                           | NR                      | 535               | 291                         | NR                      | 665               | 357                         | NR                      | 795               | 5                           | NR                      | 925               | 0                           | NR                      |
| 410               | 5                           | NR                      | 540               | 314                         | NR                      | 670               | 308                         | NR                      | 800               | 4                           | NR                      | 930               | 0                           | NR                      |
| 415               | 10                          | NR                      | 545               | 342                         | NR                      | 675               | 264                         | NR                      | 805               | 4                           | NR                      | 935               | 0                           | NR                      |
| 420               | 19                          | NR                      | 550               | 375                         | NR                      | 680               | 228                         | NR                      | 810               | 3                           | NR                      | 940               | 0                           | NR                      |
| 425               | 32                          | NR                      | 555               | 416                         | NR                      | 685               | 194                         | NR                      | 815               | 3                           | NR                      | 945               | 0                           | NR                      |
| 430               | 52                          | NR                      | 560               | 467                         | NR                      | 690               | 165                         | NR                      | 820               | 2                           | NR                      | 950               | 0                           | NR                      |
| 435               | 82                          | NR                      | 565               | 525                         | NR                      | 695               | 140                         | NR                      | 825               | 2                           | NR                      | 955               | 0                           | NR                      |
| 440               | 134                         | NR                      | 570               | 597                         | NR                      | 700               | 119                         | NR                      | 830               | 2                           | NR                      | 960               | 0                           | NR                      |
| 445               | 192                         | NR                      | 575               | 673                         | NR                      | 705               | 101                         | NR                      | 835               | 2                           | NR                      | 965               | 0                           | NR                      |
| 450               | 171                         | NR                      | 580               | 756                         | NR                      | 710               | 85                          | NR                      | 840               | 1                           | NR                      | 970               | 0                           | NR                      |
| 455               | 111                         | NR                      | 585               | 833                         | NR                      | 715               | 72                          | NR                      | 845               | 1                           | NR                      | 975               | 0                           | NR                      |
| 460               | 87                          | NR                      | 590               | 900                         | NR                      | 720               | 61                          | NR                      | 850               | 1                           | NR                      | 980               | 0                           | NR                      |
| 465               | 71                          | NR                      | 595               | 954                         | NR                      | 725               | 51                          | NR                      | 855               | 1                           | NR                      | 985               | 0                           | NR                      |
| 470               | 57                          | NR                      | 600               | 987                         | NR                      | 730               | 43                          | NR                      | 860               | 1                           | NR                      | 990               | 0                           | NR                      |
| 475               | 59                          | NR                      | 605               | 999                         | NR                      | 735               | 36                          | NR                      | 865               | 1                           | NR                      | 995               | 0                           | NR                      |
| 480               | 72                          | NR                      | 610               | 989                         | NR                      | 740               | 30                          | NR                      | 870               | 1                           | NR                      | 1000              | 0                           | NR                      |
| 485               | 92                          | NR                      | 615               | 965                         | NR                      | 745               | 26                          | NR                      | 875               | 1                           | NR                      |                   |                             |                         |

REPORT NUMBER: SP1-2501-319-1

Melanopic Flux vs. Wavelength



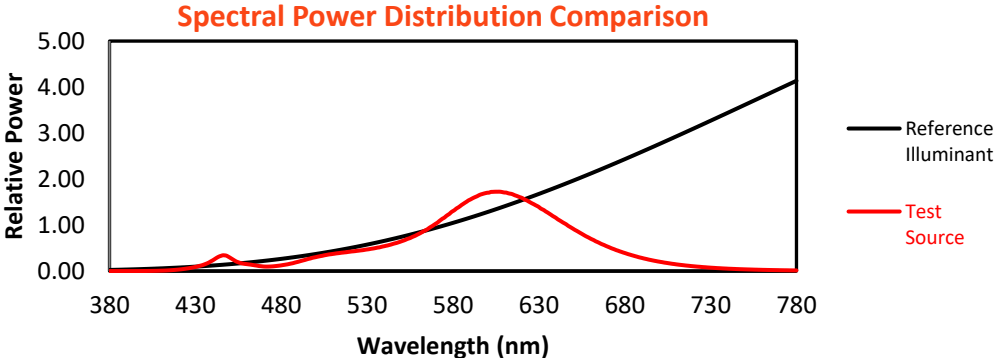
Melanopic Lumens: NR

M/P: 1.61

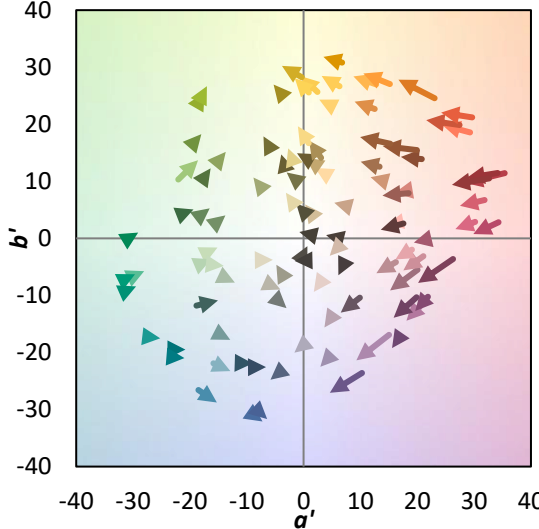
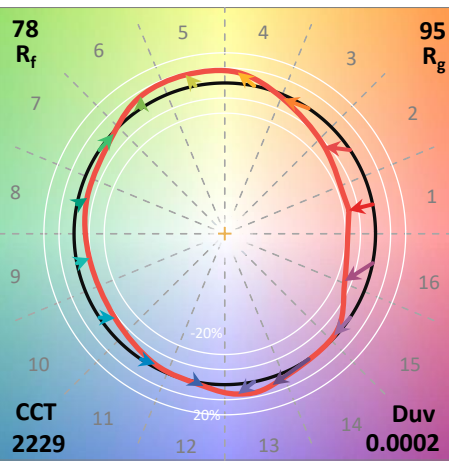
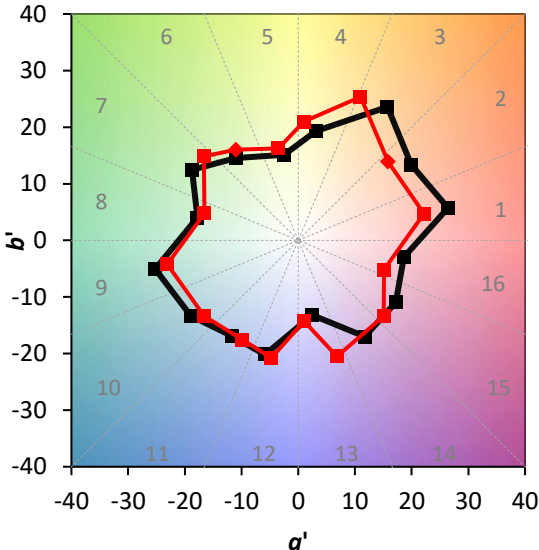
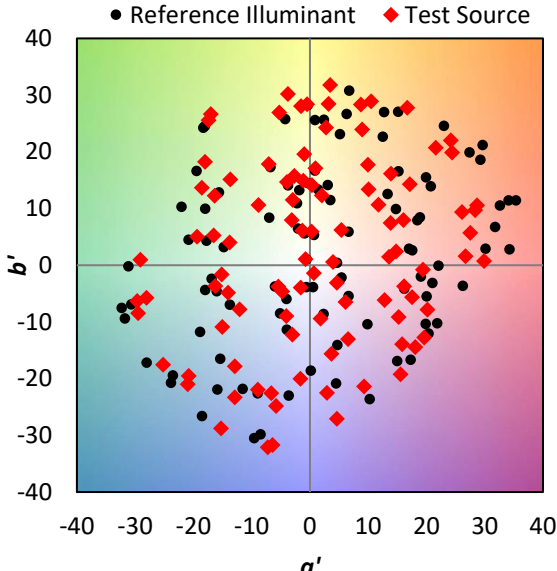
| λ (nm) | Power W <sup>2</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>2</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>2</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>2</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>2</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 118                      | NR            | 620    | 923                      | NR            | 750    | 22                       | NR            | 880    | 0                        | NR            |
| 365    | 0                        | NR            | 495    | 148                      | NR            | 625    | 865                      | NR            | 755    | 18                       | NR            | 885    | 0                        | NR            |
| 370    | 0                        | NR            | 500    | 175                      | NR            | 630    | 807                      | NR            | 760    | 16                       | NR            | 890    | 0                        | NR            |
| 375    | 0                        | NR            | 505    | 198                      | NR            | 635    | 739                      | NR            | 765    | 13                       | NR            | 895    | 0                        | NR            |
| 380    | 0                        | NR            | 510    | 216                      | NR            | 640    | 669                      | NR            | 770    | 11                       | NR            | 900    | 0                        | NR            |
| 385    | 0                        | NR            | 515    | 231                      | NR            | 645    | 600                      | NR            | 775    | 10                       | NR            | 905    | 0                        | NR            |
| 390    | 0                        | NR            | 520    | 244                      | NR            | 650    | 532                      | NR            | 780    | 8                        | NR            | 910    | 0                        | NR            |
| 395    | 0                        | NR            | 525    | 257                      | NR            | 655    | 469                      | NR            | 785    | 7                        | NR            | 915    | 0                        | NR            |
| 400    | 1                        | NR            | 530    | 273                      | NR            | 660    | 410                      | NR            | 790    | 6                        | NR            | 920    | 0                        | NR            |
| 405    | 2                        | NR            | 535    | 291                      | NR            | 665    | 357                      | NR            | 795    | 5                        | NR            | 925    | 0                        | NR            |
| 410    | 5                        | NR            | 540    | 314                      | NR            | 670    | 308                      | NR            | 800    | 4                        | NR            | 930    | 0                        | NR            |
| 415    | 10                       | NR            | 545    | 342                      | NR            | 675    | 264                      | NR            | 805    | 4                        | NR            | 935    | 0                        | NR            |
| 420    | 19                       | NR            | 550    | 375                      | NR            | 680    | 228                      | NR            | 810    | 3                        | NR            | 940    | 0                        | NR            |
| 425    | 32                       | NR            | 555    | 416                      | NR            | 685    | 194                      | NR            | 815    | 3                        | NR            | 945    | 0                        | NR            |
| 430    | 52                       | NR            | 560    | 467                      | NR            | 690    | 165                      | NR            | 820    | 2                        | NR            | 950    | 0                        | NR            |
| 435    | 82                       | NR            | 565    | 525                      | NR            | 695    | 140                      | NR            | 825    | 2                        | NR            | 955    | 0                        | NR            |
| 440    | 134                      | NR            | 570    | 597                      | NR            | 700    | 119                      | NR            | 830    | 2                        | NR            | 960    | 0                        | NR            |
| 445    | 192                      | NR            | 575    | 673                      | NR            | 705    | 101                      | NR            | 835    | 2                        | NR            | 965    | 0                        | NR            |
| 450    | 171                      | NR            | 580    | 756                      | NR            | 710    | 85                       | NR            | 840    | 1                        | NR            | 970    | 0                        | NR            |
| 455    | 111                      | NR            | 585    | 833                      | NR            | 715    | 72                       | NR            | 845    | 1                        | NR            | 975    | 0                        | NR            |
| 460    | 87                       | NR            | 590    | 900                      | NR            | 720    | 61                       | NR            | 850    | 1                        | NR            | 980    | 0                        | NR            |
| 465    | 71                       | NR            | 595    | 954                      | NR            | 725    | 51                       | NR            | 855    | 1                        | NR            | 985    | 0                        | NR            |
| 470    | 57                       | NR            | 600    | 987                      | NR            | 730    | 43                       | NR            | 860    | 1                        | NR            | 990    | 0                        | NR            |
| 475    | 59                       | NR            | 605    | 999                      | NR            | 735    | 36                       | NR            | 865    | 1                        | NR            | 995    | 0                        | NR            |
| 480    | 72                       | NR            | 610    | 989                      | NR            | 740    | 30                       | NR            | 870    | 1                        | NR            | 1000   | 0                        | NR            |
| 485    | 92                       | NR            | 615    | 965                      | NR            | 745    | 26                       | NR            | 875    | 1                        | NR            |        |                          |               |

**Summary**

$R_f = 78.4$   
 $R_g = 94.6$   
 CIE  $R_a = 73.1$   
 $R_9 = -28.2$

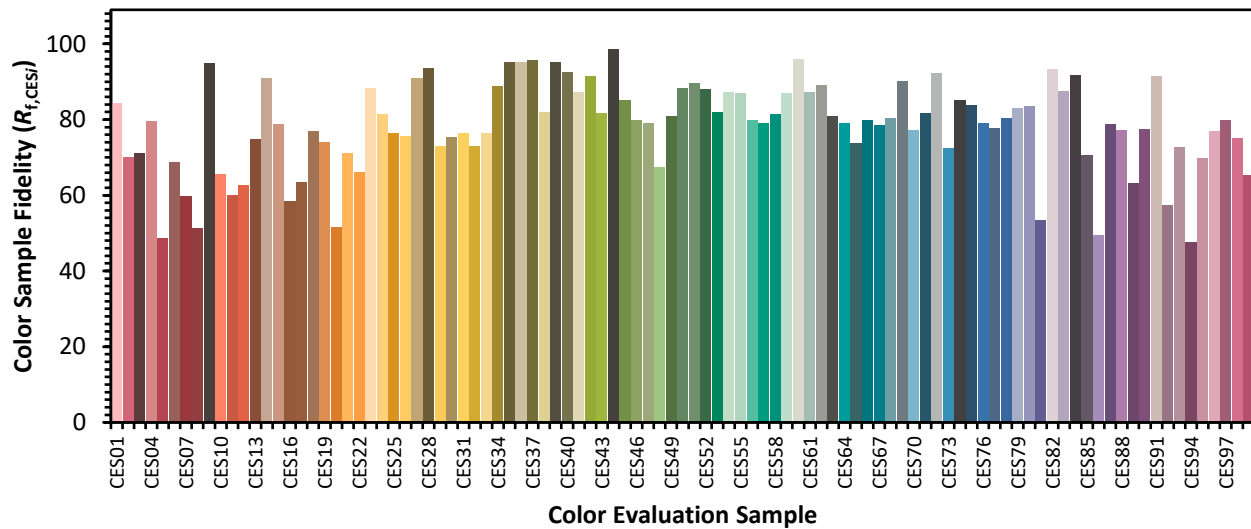


**Color Vector Graphics**

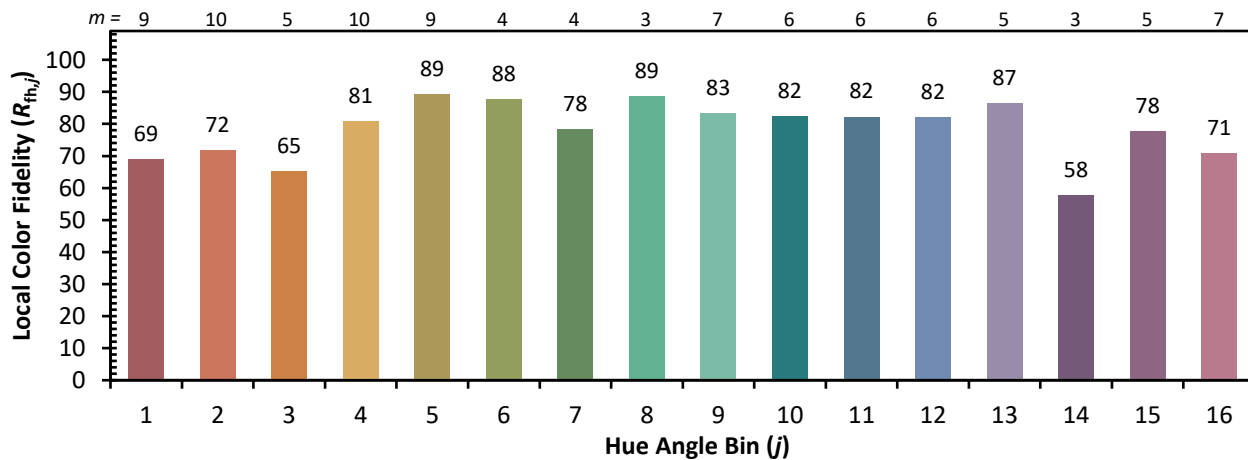
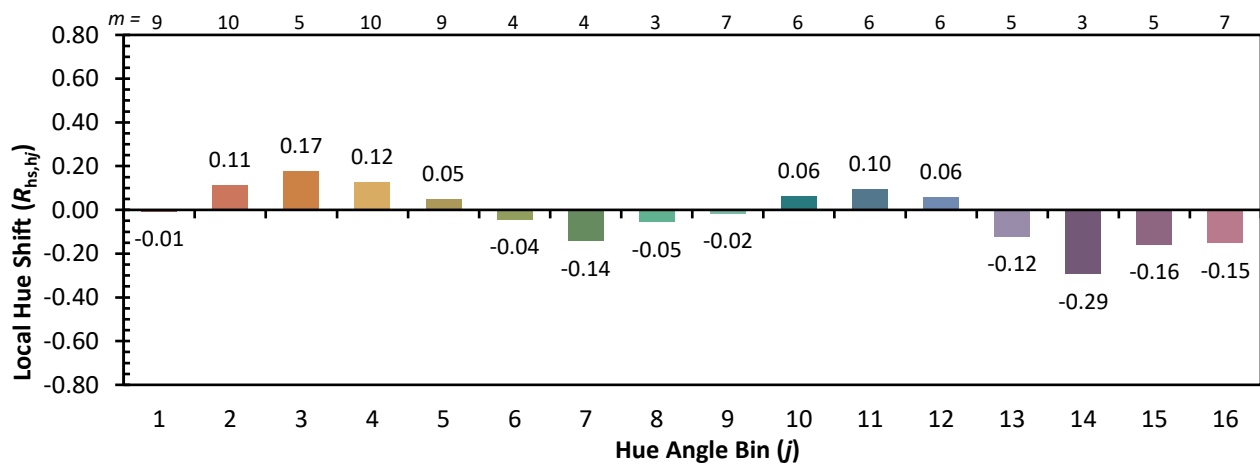
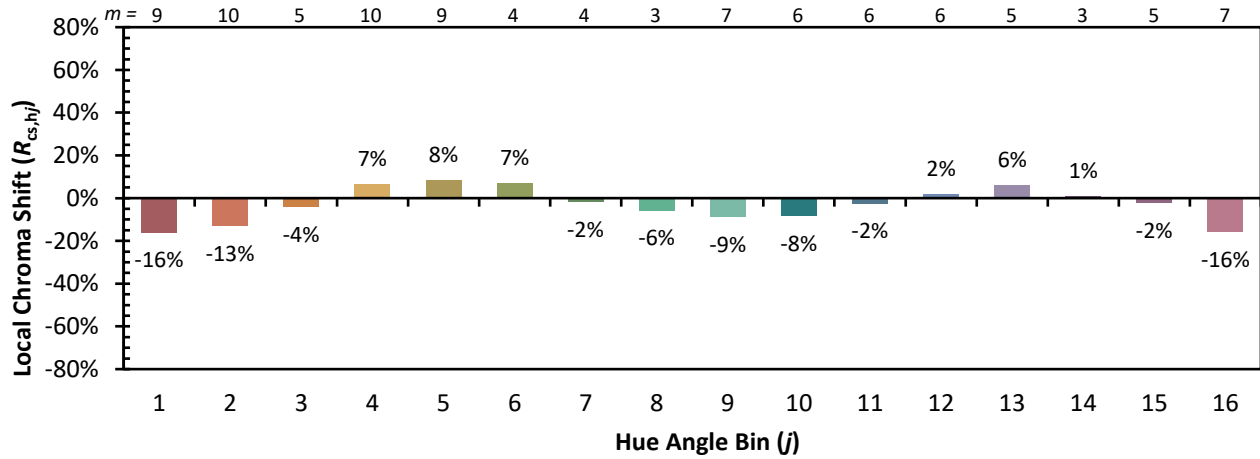


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

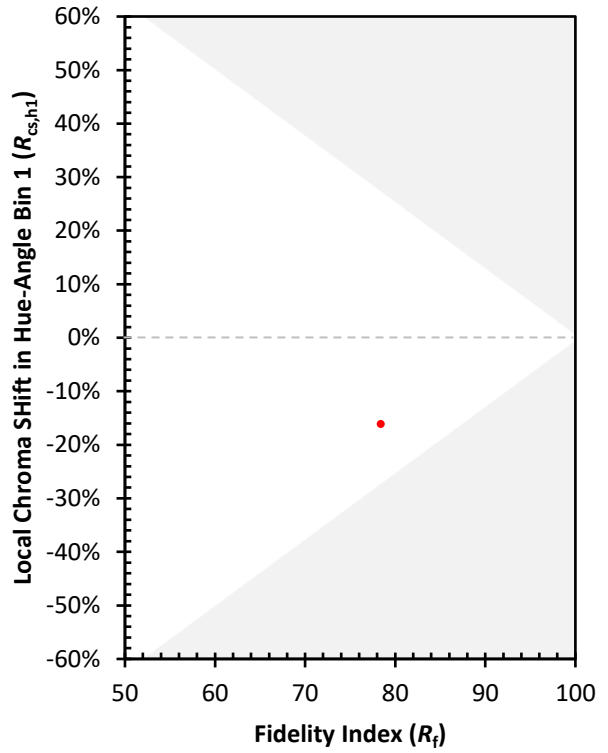
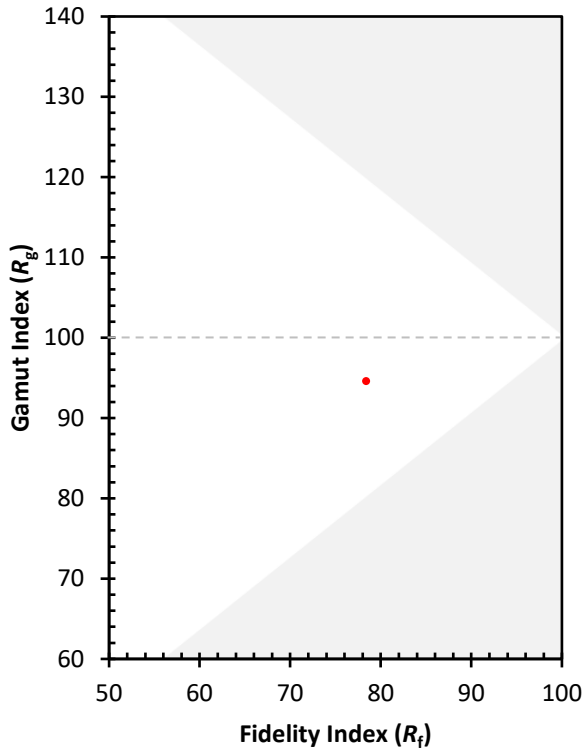
|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 87 | CES26 = 76 | CES51 = 90 | CES76 = 79 |
| CES02 = 65 | CES27 = 91 | CES52 = 88 | CES77 = 78 |
| CES03 = 32 | CES28 = 94 | CES53 = 82 | CES78 = 80 |
| CES04 = 72 | CES29 = 73 | CES54 = 87 | CES79 = 83 |
| CES05 = 52 | CES30 = 75 | CES55 = 87 | CES80 = 84 |
| CES06 = 52 | CES31 = 76 | CES56 = 80 | CES81 = 53 |
| CES07 = 44 | CES32 = 73 | CES57 = 79 | CES82 = 93 |
| CES08 = 42 | CES33 = 77 | CES58 = 81 | CES83 = 88 |
| CES09 = 29 | CES34 = 89 | CES59 = 87 | CES84 = 92 |
| CES10 = 79 | CES35 = 95 | CES60 = 96 | CES85 = 71 |
| CES11 = 62 | CES36 = 95 | CES61 = 87 | CES86 = 50 |
| CES12 = 68 | CES37 = 96 | CES62 = 89 | CES87 = 79 |
| CES13 = 45 | CES38 = 82 | CES63 = 81 | CES88 = 77 |
| CES14 = 75 | CES39 = 95 | CES64 = 79 | CES89 = 63 |
| CES15 = 72 | CES40 = 92 | CES65 = 74 | CES90 = 77 |
| CES16 = 49 | CES41 = 87 | CES66 = 80 | CES91 = 91 |
| CES17 = 51 | CES42 = 92 | CES67 = 79 | CES92 = 57 |
| CES18 = 57 | CES43 = 82 | CES68 = 80 | CES93 = 73 |
| CES19 = 74 | CES44 = 99 | CES69 = 90 | CES94 = 48 |
| CES20 = 68 | CES45 = 85 | CES70 = 77 | CES95 = 70 |
| CES21 = 88 | CES46 = 80 | CES71 = 82 | CES96 = 77 |
| CES22 = 81 | CES47 = 79 | CES72 = 92 | CES97 = 80 |
| CES23 = 92 | CES48 = 67 | CES73 = 73 | CES98 = 75 |
| CES24 = 92 | CES49 = 81 | CES74 = 85 | CES99 = 65 |
| CES25 = 73 | CES50 = 88 | CES75 = 84 |            |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)