

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599295

Luminaire Tested: **IFLD-S-SA6C-760-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599295  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-760-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (96) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

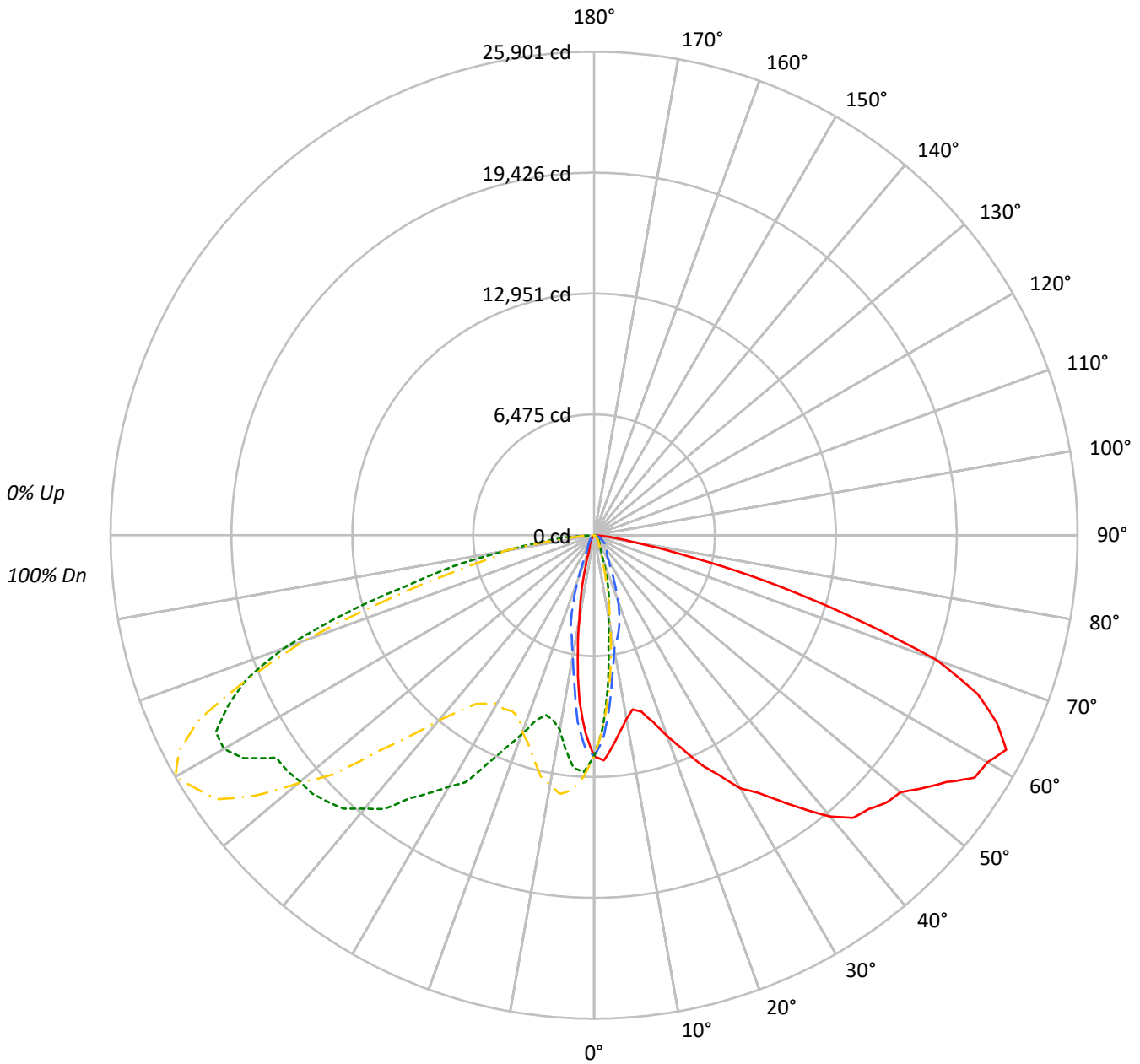
Lumens per Lamp: N/A  
 Luminaire Lumens: 30960.1 lumens  
 Efficiency: N/A  
 Efficacy: 96.3 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 321.5  
 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

| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | GONIO 1 IN0055        | 4/22/2021        | 10/22/2021           |
| Power Meter                    | XITRON 2801 IN0197    | 12/1/2020        | 12/1/2021            |
| AC Power Source                | CHROMA 61505 IN0196   | 12/1/2020        | 12/1/2021            |
| DC Power Supply                | AGILENT E3634A IN0198 | 11/30/2020       | 11/30/2021           |
| Room Thermometer               | ONSET IN0143          | 12/1/2020        | 12/1/2021            |

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### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - - - 135°-315°

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|---|
| RF  | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |    |    | 20  |   |
| RC  | 80  |     |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |    |    | 10  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 | 0   |   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |   |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    | 100 |   |
| 1   | 107 | 101 | 96  | 91  | 104 | 99  | 94  | 90  | 94  | 90  | 87  | 90  | 87  | 84  | 87  | 84  | 82  | 79  |    |    | 79  |   |
| 2   | 95  | 85  | 77  | 70  | 92  | 83  | 75  | 69  | 79  | 73  | 67  | 76  | 71  | 66  | 73  | 68  | 64  | 62  |    |    | 62  |   |
| 3   | 85  | 72  | 63  | 55  | 82  | 71  | 62  | 54  | 67  | 60  | 53  | 65  | 58  | 52  | 62  | 56  | 51  | 49  |    |    | 49  |   |
| 4   | 76  | 62  | 52  | 44  | 74  | 61  | 51  | 44  | 58  | 50  | 43  | 56  | 49  | 43  | 53  | 47  | 42  | 40  |    |    | 40  |   |
| 5   | 69  | 55  | 44  | 37  | 67  | 53  | 44  | 36  | 51  | 43  | 36  | 49  | 41  | 35  | 47  | 40  | 35  | 33  |    |    | 33  |   |
| 6   | 63  | 48  | 38  | 31  | 61  | 47  | 38  | 31  | 45  | 37  | 30  | 44  | 36  | 30  | 42  | 35  | 30  | 27  |    |    | 27  |   |
| 7   | 58  | 43  | 33  | 27  | 56  | 42  | 33  | 26  | 41  | 32  | 26  | 39  | 32  | 26  | 38  | 31  | 26  | 24  |    |    | 24  |   |
| 8   | 54  | 39  | 30  | 23  | 52  | 38  | 29  | 23  | 37  | 29  | 23  | 36  | 28  | 23  | 34  | 28  | 23  | 20  |    |    | 20  |   |
| 9   | 50  | 36  | 27  | 21  | 49  | 35  | 26  | 21  | 34  | 26  | 20  | 33  | 25  | 20  | 32  | 25  | 20  | 18  |    |    | 18  |   |
| 10  | 47  | 33  | 24  | 18  | 46  | 32  | 24  | 18  | 31  | 24  | 18  | 30  | 23  | 18  | 29  | 23  | 18  | 16  |    |    | 16  |   |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°     | 90°   | 180°  | 270°   |
|-----|--------|-------|-------|--------|
| 0°  | 84934  | 84934 | 84934 | 84934  |
| 5°  | 81772  | 59766 | 64335 | 90129  |
| 10° | 72803  | 32539 | 32966 | 77061  |
| 15° | 72676  | 21703 | 13271 | 74040  |
| 20° | 87262  | 10836 | 5291  | 86752  |
| 25° | 107329 | 6807  | 4097  | 106801 |
| 30° | 129682 | 5464  | 3112  | 128852 |
| 35° | 152166 | 4387  | 2413  | 150630 |
| 40° | 184217 | 3754  | 1563  | 179134 |
| 45° | 210753 | 3389  | 847   | 204908 |
| 50° | 239109 | 3261  | 186   | 229325 |
| 55° | 288429 | 3133  | 0     | 260026 |
| 60° | 349201 | 2635  | 0     | 328477 |
| 65° | 404354 | 2126  | 0     | 367504 |
| 70° | 409449 | 1752  | 0     | 370572 |
| 75° | 264983 | 1156  | 0     | 284191 |
| 80° | 90373  | 343   | 0     | 201098 |
| 85° | 45358  | 0     | 0     | 147758 |

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 896.6   | 2.9       |
| 10°-20°   | 1736.1  | 5.6       |
| 20°-30°   | 2418.0  | 7.8       |
| 30°-40°   | 3435.7  | 11.1      |
| 40°-50°   | 4764.3  | 15.4      |
| 50°-60°   | 6491.7  | 21.0      |
| 60°-70°   | 7137.1  | 23.1      |
| 70°-80°   | 3507.8  | 11.3      |
| 80°-90°   | 572.8   | 1.9       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-30°    | 5050.7  | 16.3      |
| 0°-40°    | 8486.4  | 27.4      |
| 0°-60°    | 19742.4 | 63.8      |
| 0°-90°    | 30960.1 | 100.0     |
| 90°-120°  | 0.0     | 0.0       |
| 90°-150°  | 0.0     | 0.0       |
| 90°-180°  | 0.0     | 0.0       |
| 0°-180°   | 30960.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°    | 90°   | 180°  | 270°  | 360°  | Flux  |
|-----|-------|-------|-------|-------|-------|-------|
| 0°  | 11836 | 11836 | 11836 | 11836 | 11836 |       |
| 5°  | 11352 | 8297  | 8931  | 12512 | 11352 | 1039  |
| 15° | 9783  | 2921  | 1786  | 9966  | 9783  | 2896  |
| 25° | 13556 | 860   | 518   | 13489 | 13556 | 6302  |
| 35° | 17370 | 501   | 276   | 17195 | 17370 | 11026 |
| 45° | 20767 | 334   | 84    | 20191 | 20767 | 16098 |
| 55° | 23054 | 250   | 0     | 20784 | 23054 | 20739 |
| 65° | 23814 | 125   | 0     | 21644 | 23814 | 23013 |
| 75° | 9557  | 42    | 0     | 10250 | 9557  | 10419 |
| 85° | 551   | 0     | 0     | 1795  | 551   | 762   |
| 90° | 0     | 0     | 0     | 0     | 0     |       |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 |
| 2.5°  | 12078.1 | 12220.0 | 12086.4 | 11619.0 | 11535.5 | 11310.2 | 10967.9 | 10942.9 | 10584.0 | 10625.7 | 10433.7 |
| 5°    | 11351.9 | 11493.8 | 11210.0 | 10592.3 | 10016.4 | 9557.3  | 9281.8  | 8789.4  | 8680.9  | 8438.8  | 8438.8  |
| 7.5°  | 10609.0 | 10600.7 | 10116.5 | 9599.0  | 8739.3  | 7896.2  | 7512.3  | 6802.8  | 6385.4  | 6160.1  | 5943.0  |
| 10°   | 9991.3  | 9857.8  | 9557.3  | 8488.9  | 7554.0  | 6677.6  | 6201.8  | 5734.4  | 5300.3  | 4924.7  | 4549.1  |
| 12.5° | 9557.3  | 9640.8  | 9165.0  | 8004.8  | 6794.4  | 6185.1  | 5675.9  | 5183.5  | 4666.0  | 4240.3  | 3822.9  |
| 15°   | 9782.7  | 9649.1  | 9089.9  | 7896.2  | 6669.2  | 5834.5  | 5158.4  | 4557.4  | 3981.5  | 3422.3  | 3105.1  |
| 17.5° | 10483.8 | 10141.6 | 9482.2  | 7896.2  | 6410.5  | 5300.3  | 4482.3  | 3772.8  | 3155.2  | 2654.3  | 2262.0  |
| 20°   | 11427.0 | 11034.7 | 10325.2 | 8188.4  | 6218.5  | 4908.0  | 3789.5  | 2896.4  | 2253.7  | 1786.3  | 1485.8  |
| 22.5° | 12395.3 | 12086.4 | 11018.0 | 8305.2  | 5993.1  | 4382.2  | 2988.2  | 2095.1  | 1502.5  | 1202.0  | 1051.7  |
| 25°   | 13555.5 | 13121.4 | 11952.9 | 8772.7  | 5659.3  | 3873.0  | 2353.8  | 1460.7  | 1118.5  | 959.9   | 868.1   |
| 27.5° | 14482.0 | 14406.9 | 12829.3 | 9056.5  | 5408.8  | 3455.6  | 1861.4  | 1160.2  | 926.5   | 809.7   | 751.2   |
| 30°   | 15650.6 | 15241.6 | 13897.7 | 9624.1  | 5125.0  | 2979.9  | 1552.5  | 1043.4  | 851.4   | 726.2   | 684.5   |
| 32.5° | 16351.7 | 16159.7 | 14457.0 | 9941.2  | 4807.9  | 2587.6  | 1335.5  | 918.2   | 776.3   | 684.5   | 642.7   |
| 35°   | 17370.1 | 16986.1 | 15258.3 | 10141.6 | 4640.9  | 2362.2  | 1202.0  | 834.7   | 651.1   | 559.2   | 509.2   |
| 37.5° | 18505.2 | 18363.3 | 16218.2 | 10133.2 | 4398.9  | 2228.6  | 1110.1  | 776.3   | 617.7   | 517.5   | 459.1   |
| 40°   | 19665.5 | 19089.5 | 16802.5 | 10366.9 | 4273.7  | 2128.5  | 1043.4  | 742.9   | 584.3   | 492.5   | 417.3   |
| 42.5° | 20533.6 | 19874.2 | 17478.6 | 10283.5 | 4123.4  | 1953.2  | 1018.3  | 692.8   | 559.2   | 450.7   | 384.0   |
| 45°   | 20767.3 | 20533.6 | 18087.9 | 10258.4 | 4014.9  | 1811.3  | 976.6   | 684.5   | 542.6   | 425.7   | 358.9   |
| 47.5° | 21218.0 | 21059.4 | 18839.1 | 10300.2 | 3931.4  | 1702.8  | 876.4   | 701.1   | 517.5   | 400.7   | 342.2   |
| 50°   | 21418.3 | 21134.5 | 19448.5 | 10400.3 | 3739.4  | 1569.2  | 784.6   | 734.5   | 509.2   | 392.3   | 325.5   |
| 52.5° | 22244.7 | 21994.3 | 20283.2 | 10684.1 | 3580.9  | 1393.9  | 692.8   | 701.1   | 525.9   | 367.3   | 308.8   |
| 55°   | 23054.3 | 22770.6 | 21568.6 | 11335.2 | 3355.5  | 1252.0  | 592.6   | 617.7   | 500.8   | 333.9   | 275.5   |
| 57.5° | 24164.5 | 23697.1 | 22428.3 | 11602.3 | 3155.2  | 1060.1  | 525.9   | 509.2   | 467.4   | 300.5   | 242.1   |
| 60°   | 24331.4 | 24523.4 | 22303.1 | 11435.4 | 2946.5  | 934.9   | 459.1   | 392.3   | 500.8   | 267.1   | 208.7   |
| 62.5° | 24890.7 | 24089.4 | 21718.8 | 11051.4 | 2796.2  | 859.7   | 409.0   | 325.5   | 434.0   | 233.7   | 175.3   |
| 65°   | 23813.9 | 23221.3 | 20349.9 | 9816.0  | 2604.3  | 868.1   | 358.9   | 267.1   | 275.5   | 192.0   | 141.9   |
| 67.5° | 22236.3 | 21768.9 | 18079.6 | 8472.2  | 2412.3  | 851.4   | 317.2   | 233.7   | 208.7   | 166.9   | 125.2   |
| 70°   | 19515.2 | 18505.2 | 15358.4 | 6877.9  | 2128.5  | 793.0   | 267.1   | 208.7   | 175.3   | 133.6   | 91.8    |
| 72.5° | 14198.2 | 13789.2 | 11018.0 | 5317.0  | 1911.5  | 717.8   | 250.4   | 175.3   | 150.2   | 100.2   | 75.1    |
| 75°   | 9557.3  | 8881.2  | 6953.0  | 3489.0  | 1535.8  | 626.0   | 208.7   | 158.6   | 116.9   | 75.1    | 58.4    |
| 77.5° | 5049.9  | 4774.5  | 3939.8  | 1661.0  | 851.4   | 292.1   | 116.9   | 91.8    | 66.8    | 58.4    | 33.4    |
| 80°   | 2186.9  | 1944.8  | 1702.8  | 676.1   | 300.5   | 133.6   | 75.1    | 50.1    | 41.7    | 33.4    | 16.7    |
| 82.5° | 1118.5  | 1068.4  | 884.8   | 292.1   | 175.3   | 100.2   | 41.7    | 33.4    | 25.0    | 16.7    | 8.3     |
| 85°   | 550.9   | 567.6   | 467.4   | 91.8    | 100.2   | 58.4    | 8.3     | 8.3     | 0.0     | 0.0     | 0.0     |
| 87.5° | 41.7    | 41.7    | 33.4    | 16.7    | 25.0    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 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):**

|       | 90°     | 95°     | 105°    | 115°    | 125°    | 135°    | 145°    | 155°    | 165°    | 175°    | 180°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 |
| 2.5°  | 10358.6 | 10475.5 | 10275.1 | 10400.3 | 10341.9 | 10366.9 | 10392.0 | 10325.2 | 10341.9 | 10575.6 | 10584.0 |
| 5°    | 8296.9  | 8522.3  | 8438.8  | 8555.7  | 8756.0  | 8655.8  | 8747.6  | 8730.9  | 8747.6  | 8781.0  | 8931.3  |
| 7.5°  | 5918.0  | 5851.2  | 6009.8  | 6318.7  | 6677.6  | 6894.6  | 6786.1  | 6727.7  | 6694.3  | 6610.8  | 6711.0  |
| 10°   | 4465.6  | 4432.2  | 4390.5  | 4482.3  | 4716.0  | 4958.1  | 5091.7  | 4866.3  | 4741.1  | 4582.5  | 4524.1  |
| 12.5° | 3706.1  | 3497.4  | 3380.5  | 3238.6  | 3305.4  | 3522.4  | 3530.8  | 3313.7  | 3113.4  | 3030.0  | 3121.8  |
| 15°   | 2921.4  | 2779.5  | 2570.9  | 2370.5  | 2270.4  | 2437.3  | 2295.4  | 2086.7  | 1828.0  | 1794.6  | 1786.3  |
| 17.5° | 2086.7  | 2003.3  | 1853.0  | 1769.6  | 1652.7  | 1611.0  | 1460.7  | 1143.5  | 959.9   | 909.8   | 926.5   |
| 20°   | 1419.0  | 1352.2  | 1343.9  | 1268.7  | 1218.7  | 1185.3  | 943.2   | 734.5   | 676.1   | 684.5   | 692.8   |
| 22.5° | 1051.7  | 1018.3  | 976.6   | 968.2   | 926.5   | 884.8   | 692.8   | 617.7   | 575.9   | 575.9   | 601.0   |
| 25°   | 859.7   | 843.0   | 801.3   | 784.6   | 767.9   | 709.5   | 584.3   | 525.9   | 509.2   | 492.5   | 517.5   |
| 27.5° | 734.5   | 726.2   | 701.1   | 676.1   | 659.4   | 601.0   | 509.2   | 459.1   | 442.4   | 442.4   | 442.4   |
| 30°   | 659.4   | 659.4   | 626.0   | 575.9   | 575.9   | 509.2   | 434.0   | 400.7   | 384.0   | 384.0   | 375.6   |
| 32.5° | 617.7   | 601.0   | 559.2   | 525.9   | 500.8   | 434.0   | 384.0   | 350.6   | 325.5   | 325.5   | 333.9   |
| 35°   | 500.8   | 500.8   | 492.5   | 467.4   | 434.0   | 367.3   | 325.5   | 292.1   | 275.5   | 267.1   | 275.5   |
| 37.5° | 442.4   | 417.3   | 384.0   | 392.3   | 375.6   | 317.2   | 275.5   | 250.4   | 225.4   | 225.4   | 225.4   |
| 40°   | 400.7   | 375.6   | 342.2   | 317.2   | 308.8   | 283.8   | 242.1   | 200.3   | 175.3   | 166.9   | 166.9   |
| 42.5° | 358.9   | 342.2   | 292.1   | 250.4   | 242.1   | 242.1   | 183.6   | 150.2   | 125.2   | 125.2   | 125.2   |
| 45°   | 333.9   | 308.8   | 267.1   | 217.0   | 175.3   | 183.6   | 150.2   | 108.5   | 91.8    | 83.5    | 83.5    |
| 47.5° | 317.2   | 292.1   | 233.7   | 183.6   | 133.6   | 133.6   | 108.5   | 75.1    | 58.4    | 50.1    | 50.1    |
| 50°   | 292.1   | 267.1   | 208.7   | 150.2   | 100.2   | 83.5    | 66.8    | 41.7    | 25.0    | 16.7    | 16.7    |
| 52.5° | 275.5   | 250.4   | 183.6   | 125.2   | 83.5    | 58.4    | 41.7    | 8.3     | 0.0     | 0.0     | 0.0     |
| 55°   | 250.4   | 217.0   | 158.6   | 100.2   | 66.8    | 33.4    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     |
| 57.5° | 217.0   | 192.0   | 125.2   | 75.1    | 41.7    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 60°   | 183.6   | 158.6   | 100.2   | 58.4    | 16.7    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 62.5° | 150.2   | 133.6   | 75.1    | 33.4    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 65°   | 125.2   | 100.2   | 58.4    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 67.5° | 108.5   | 83.5    | 41.7    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 70°   | 83.5    | 58.4    | 25.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 72.5° | 58.4    | 41.7    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 75°   | 41.7    | 25.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 77.5° | 25.0    | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 80°   | 8.3     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 82.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 85°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 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):**

|       | 185°    | 195°    | 205°    | 215°    | 225°    | 235°    | 245°    | 255°    | 265°    | 270°    | 275°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 |
| 2.5°  | 10617.4 | 10867.8 | 11101.5 | 11168.3 | 11351.9 | 11861.1 | 11861.1 | 12103.1 | 12537.2 | 12695.8 | 12729.1 |
| 5°    | 8956.3  | 9223.4  | 9273.5  | 9791.0  | 10033.1 | 10550.6 | 10892.8 | 11710.8 | 12203.3 | 12512.1 | 12704.1 |
| 7.5°  | 6811.1  | 6902.9  | 7094.9  | 7579.1  | 8054.8  | 8680.9  | 9331.9  | 10375.3 | 11243.4 | 11594.0 | 12245.0 |
| 10°   | 4682.7  | 4958.1  | 5375.5  | 5809.5  | 6552.4  | 7245.2  | 8088.2  | 9073.2  | 10141.6 | 10575.6 | 11134.9 |
| 12.5° | 3155.2  | 3539.1  | 4206.9  | 4824.6  | 5509.0  | 6210.2  | 7011.5  | 8330.3  | 9540.6  | 10141.6 | 10700.8 |
| 15°   | 1844.7  | 2312.1  | 2888.1  | 3889.7  | 4799.5  | 5584.1  | 6385.4  | 7721.0  | 9190.0  | 9966.3  | 10650.7 |
| 17.5° | 934.9   | 1076.8  | 1552.5  | 2420.6  | 3622.6  | 4908.0  | 6101.6  | 7804.4  | 9457.1  | 10408.7 | 10976.3 |
| 20°   | 701.1   | 742.9   | 876.4   | 1285.4  | 2479.1  | 4056.6  | 5834.5  | 7929.6  | 10200.0 | 11360.2 | 11669.1 |
| 22.5° | 609.3   | 642.7   | 701.1   | 834.7   | 1393.9  | 3105.1  | 5458.9  | 8238.5  | 11210.0 | 12303.4 | 12954.5 |
| 25°   | 517.5   | 550.9   | 601.0   | 684.5   | 893.1   | 2111.8  | 4999.8  | 8564.0  | 12111.5 | 13488.7 | 14098.0 |
| 27.5° | 450.7   | 475.8   | 525.9   | 592.6   | 726.2   | 1343.9  | 4206.9  | 8998.0  | 13488.7 | 14924.4 | 15083.0 |
| 30°   | 384.0   | 409.0   | 450.7   | 525.9   | 617.7   | 951.6   | 3088.4  | 9056.5  | 14248.3 | 15550.4 | 15992.8 |
| 32.5° | 333.9   | 342.2   | 392.3   | 459.1   | 517.5   | 751.2   | 2170.2  | 9114.9  | 14807.5 | 16360.1 | 16451.9 |
| 35°   | 275.5   | 292.1   | 342.2   | 384.0   | 450.7   | 592.6   | 1644.4  | 8822.8  | 15533.7 | 17194.8 | 17169.7 |
| 37.5° | 225.4   | 250.4   | 283.8   | 317.2   | 367.3   | 500.8   | 1310.5  | 8280.2  | 16443.5 | 18488.6 | 17703.9 |
| 40°   | 175.3   | 200.3   | 233.7   | 275.5   | 308.8   | 450.7   | 984.9   | 7462.2  | 17395.1 | 19122.9 | 18288.2 |
| 42.5° | 125.2   | 141.9   | 175.3   | 217.0   | 275.5   | 375.6   | 709.5   | 6493.9  | 17770.7 | 19865.8 | 18989.4 |
| 45°   | 91.8    | 108.5   | 133.6   | 183.6   | 283.8   | 300.5   | 492.5   | 5609.2  | 18171.4 | 20191.3 | 18830.8 |
| 47.5° | 50.1    | 66.8    | 100.2   | 158.6   | 250.4   | 225.4   | 350.6   | 4816.2  | 18630.5 | 20483.5 | 18956.0 |
| 50°   | 16.7    | 25.0    | 58.4    | 166.9   | 200.3   | 175.3   | 275.5   | 4390.5  | 19081.2 | 20541.9 | 19206.4 |
| 52.5° | 0.0     | 0.0     | 33.4    | 175.3   | 150.2   | 133.6   | 242.1   | 4223.6  | 18964.3 | 20725.5 | 19047.8 |
| 55°   | 0.0     | 0.0     | 8.3     | 75.1    | 83.5    | 100.2   | 200.3   | 4215.2  | 19790.7 | 20784.0 | 19915.9 |
| 57.5° | 0.0     | 0.0     | 0.0     | 25.0    | 50.1    | 83.5    | 175.3   | 3948.1  | 20316.5 | 22236.3 | 21084.5 |
| 60°   | 0.0     | 0.0     | 0.0     | 8.3     | 33.4    | 58.4    | 133.6   | 3714.4  | 20850.7 | 22887.4 | 22336.5 |
| 62.5° | 0.0     | 0.0     | 0.0     | 0.0     | 8.3     | 25.0    | 91.8    | 3355.5  | 19774.0 | 22837.3 | 23546.8 |
| 65°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 58.4    | 2654.3  | 17787.4 | 21643.7 | 22879.1 |
| 67.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 33.4    | 1836.3  | 15575.5 | 20141.3 | 21652.1 |
| 70°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 1110.1  | 12570.5 | 17662.2 | 18363.3 |
| 72.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 475.8   | 8973.0  | 14022.9 | 15066.3 |
| 75°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 192.0   | 5550.7  | 10250.1 | 11535.5 |
| 77.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 75.1    | 3597.5  | 7762.7  | 8756.0  |
| 80°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 16.7    | 1919.8  | 4866.3  | 5659.3  |
| 82.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 834.7   | 2954.8  | 3405.6  |
| 85°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 267.1   | 1794.6  | 2045.0  |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 275.5   | 367.3   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: IFLD-S-SA6C-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 | 11836.0 |
| 2.5°  | 12745.8 | 12987.9 | 13079.7 | 12937.8 | 12954.5 | 12662.4 | 12620.6 | 12211.6 | 12044.7 | 12078.1 |
| 5°    | 13330.1 | 13680.7 | 13872.7 | 13714.1 | 13355.2 | 12795.9 | 12286.7 | 11802.6 | 11502.1 | 11351.9 |
| 7.5°  | 13196.6 | 13588.9 | 13830.9 | 13981.2 | 13572.2 | 12670.7 | 11894.4 | 10984.6 | 10600.7 | 10609.0 |
| 10°   | 12462.0 | 13280.0 | 13772.5 | 13580.5 | 13388.6 | 12487.1 | 11285.1 | 10300.2 | 9957.9  | 9991.3  |
| 12.5° | 11869.4 | 12779.2 | 13071.4 | 13221.6 | 12829.3 | 12111.5 | 11301.8 | 10175.0 | 9791.0  | 9557.3  |
| 15°   | 11502.1 | 12178.2 | 12194.9 | 12428.6 | 12270.1 | 12270.1 | 11477.1 | 10375.3 | 10041.4 | 9782.7  |
| 17.5° | 11502.1 | 11652.4 | 11635.7 | 11719.2 | 11986.3 | 12303.4 | 11919.5 | 11184.9 | 10525.5 | 10483.8 |
| 20°   | 11760.9 | 11293.5 | 11184.9 | 11218.3 | 11443.7 | 12386.9 | 12896.1 | 11977.9 | 11560.6 | 11427.0 |
| 22.5° | 12361.9 | 11335.2 | 10675.8 | 10558.9 | 11251.7 | 12378.6 | 13522.1 | 13230.0 | 12503.8 | 12395.3 |
| 25°   | 13188.2 | 11260.1 | 10542.2 | 10392.0 | 10917.8 | 12679.1 | 14381.8 | 14440.3 | 13780.9 | 13555.5 |
| 27.5° | 13972.8 | 11594.0 | 10525.5 | 10492.1 | 11184.9 | 12612.3 | 14974.5 | 15408.5 | 14665.6 | 14482.0 |
| 30°   | 14239.9 | 11927.8 | 10834.4 | 10392.0 | 11285.1 | 12854.3 | 14957.8 | 16093.0 | 15608.8 | 15650.6 |
| 32.5° | 14557.1 | 12261.7 | 10867.8 | 10692.5 | 11710.8 | 13246.7 | 15433.6 | 17194.8 | 16844.2 | 16351.7 |
| 35°   | 15024.6 | 12712.4 | 11184.9 | 11026.4 | 12011.3 | 13597.2 | 15533.7 | 18004.4 | 17946.0 | 17370.1 |
| 37.5° | 15425.2 | 13154.8 | 11844.4 | 11869.4 | 12929.5 | 14164.8 | 15976.1 | 18997.7 | 18897.6 | 18505.2 |
| 40°   | 15709.0 | 13772.5 | 12871.0 | 12937.8 | 13730.8 | 14799.2 | 16760.7 | 19498.5 | 20241.4 | 19665.5 |
| 42.5° | 15750.7 | 14323.4 | 14048.0 | 14582.2 | 15325.0 | 15784.1 | 17077.9 | 19840.8 | 20909.2 | 20533.6 |
| 45°   | 15909.3 | 15199.8 | 15967.8 | 16360.1 | 16969.4 | 16652.2 | 17061.2 | 20425.1 | 20959.3 | 20767.3 |
| 47.5° | 16527.0 | 16794.1 | 17762.4 | 18956.0 | 19173.0 | 18129.6 | 17461.9 | 20516.9 | 21243.1 | 21218.0 |
| 50°   | 17169.7 | 18505.2 | 19865.8 | 20658.8 | 20934.2 | 19148.0 | 17837.5 | 20441.7 | 21618.7 | 21418.3 |
| 52.5° | 17887.6 | 19991.0 | 21952.5 | 22929.1 | 22778.9 | 20274.8 | 18263.2 | 21051.1 | 22311.5 | 22244.7 |
| 55°   | 18338.3 | 20658.8 | 23296.4 | 24657.0 | 24540.1 | 21535.2 | 19615.4 | 21927.5 | 23221.3 | 23054.3 |
| 57.5° | 19531.9 | 21743.9 | 24631.9 | 25266.3 | 25575.1 | 23187.9 | 20558.6 | 23363.2 | 23980.9 | 24164.5 |
| 60°   | 20516.9 | 22453.4 | 24982.5 | 25900.7 | 26009.2 | 24172.8 | 22211.3 | 24840.6 | 24949.1 | 24331.4 |
| 62.5° | 21960.9 | 22728.8 | 24239.6 | 25066.0 | 25625.2 | 24732.1 | 23697.1 | 25633.6 | 24932.4 | 24890.7 |
| 65°   | 23021.0 | 21827.3 | 22854.0 | 23313.1 | 23672.0 | 23880.7 | 25191.2 | 26176.1 | 24623.6 | 23813.9 |
| 67.5° | 22428.3 | 20124.6 | 19932.6 | 19957.6 | 20066.1 | 21326.5 | 24690.4 | 24848.9 | 22904.1 | 22236.3 |
| 70°   | 19740.6 | 16510.3 | 16251.6 | 16451.9 | 15909.3 | 17428.5 | 22662.0 | 22586.9 | 20208.0 | 19515.2 |
| 72.5° | 15967.8 | 12036.3 | 11594.0 | 11869.4 | 11994.6 | 13605.6 | 19064.5 | 17128.0 | 14740.8 | 14198.2 |
| 75°   | 12687.4 | 8822.8  | 7445.5  | 8113.3  | 8539.0  | 9907.9  | 14891.0 | 11635.7 | 10291.8 | 9557.3  |
| 77.5° | 9966.3  | 6677.6  | 5792.8  | 5525.7  | 5918.0  | 7203.4  | 10834.4 | 6110.0  | 5392.1  | 5049.9  |
| 80°   | 6318.7  | 4908.0  | 5325.4  | 4941.4  | 5108.3  | 5141.7  | 5642.6  | 2779.5  | 2211.9  | 2186.9  |
| 82.5° | 3806.2  | 3355.5  | 3989.9  | 2195.3  | 3998.2  | 3572.5  | 2345.5  | 1260.4  | 1118.5  | 1118.5  |
| 85°   | 2696.1  | 2078.4  | 1377.3  | 893.1   | 1777.9  | 1961.5  | 909.8   | 651.1   | 567.6   | 550.9   |
| 87.5° | 1352.2  | 642.7   | 308.8   | 200.3   | 225.4   | 367.3   | 108.5   | 50.1    | 50.1    | 41.7    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)