

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: P997212

Luminaire Tested: **SMX6SLSFSD2W-1200LM-3000K**

Issue Date: 3/11/2025



**Test Information**

Test Method: LM-41-14  
Report Number: P997212  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( A2410656A001)  
Test Lab:  
Issue Date: 3/11/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: SMX6SLSFSD2W-1200LM-3000K  
Description: 6IN SQAURE, 90CRI, DIMMING TO 10%, DAMP LOCATION  
Light Source: SELECTABLE CCT 90CRI / 3000K CCT  
Ballast/Driver: -

**Summary**

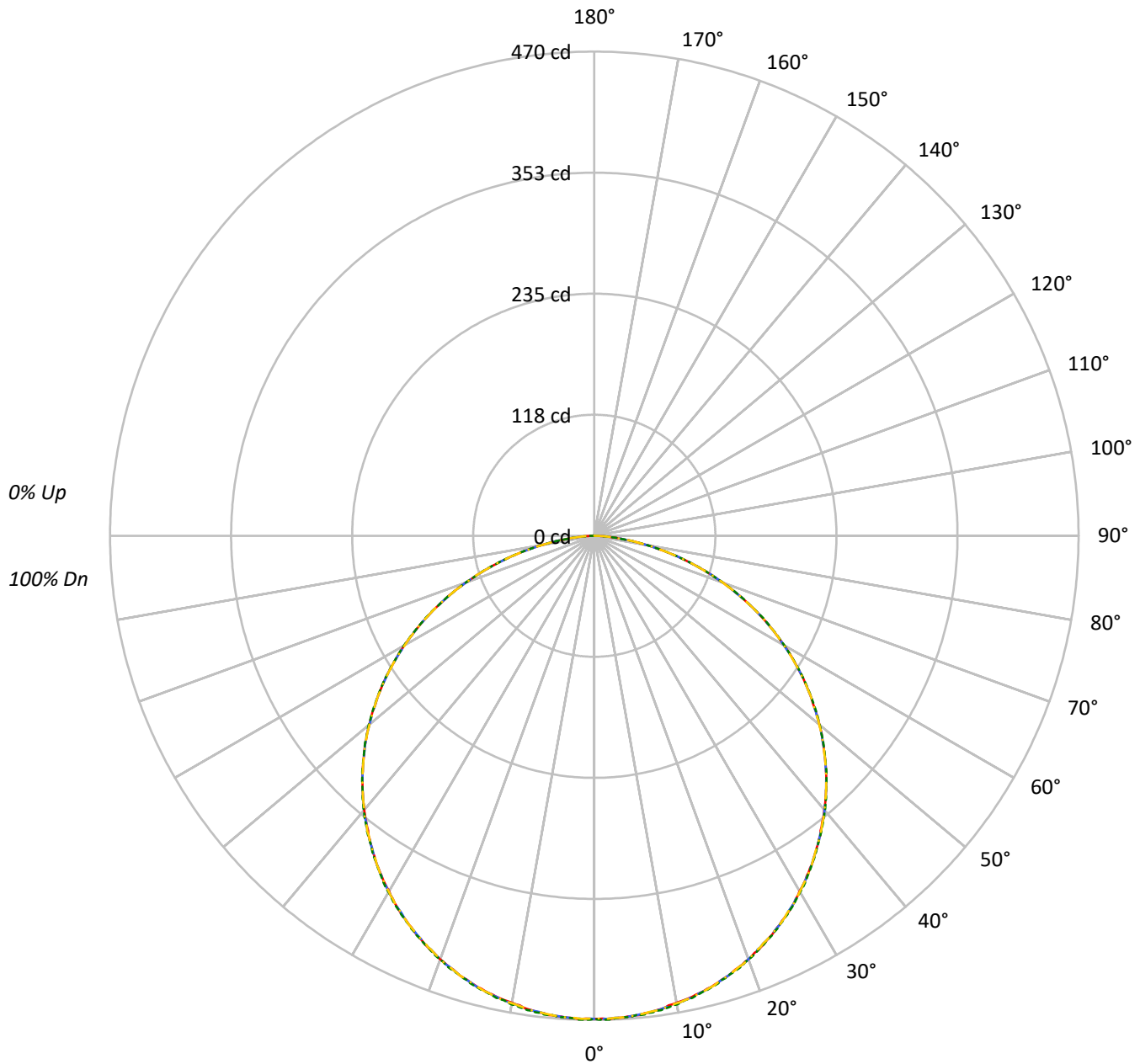
Lumens per Lamp: N/A  
Luminaire Lumens: 1358.1 lumens  
Efficiency: N/A  
Efficacy: 99.9 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 13.6  
Input Voltage (V): NR  
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

TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

### Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

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

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 109 | 104 | 100 | 96  | 106 | 102 | 98  | 94  | 97  | 94  | 91  | 93  | 91  | 88  | 90  | 88  | 86  | 84  |    |    |
| 2   | 99  | 90  | 84  | 78  | 96  | 89  | 82  | 77  | 85  | 80  | 75  | 82  | 77  | 73  | 79  | 75  | 72  | 69  |    |    |
| 3   | 90  | 79  | 71  | 64  | 87  | 78  | 70  | 64  | 75  | 68  | 63  | 72  | 66  | 62  | 69  | 65  | 61  | 58  |    |    |
| 4   | 82  | 70  | 61  | 54  | 80  | 69  | 60  | 54  | 66  | 59  | 53  | 64  | 58  | 53  | 62  | 56  | 52  | 50  |    |    |
| 5   | 76  | 63  | 53  | 47  | 73  | 61  | 53  | 47  | 59  | 52  | 46  | 57  | 51  | 45  | 55  | 50  | 45  | 43  |    |    |
| 6   | 70  | 56  | 47  | 41  | 68  | 55  | 47  | 41  | 53  | 46  | 40  | 52  | 45  | 40  | 50  | 44  | 39  | 37  |    |    |
| 7   | 65  | 51  | 42  | 36  | 63  | 50  | 42  | 36  | 49  | 41  | 36  | 47  | 40  | 35  | 46  | 40  | 35  | 33  |    |    |
| 8   | 60  | 46  | 38  | 32  | 59  | 46  | 38  | 32  | 44  | 37  | 32  | 43  | 36  | 31  | 42  | 36  | 31  | 29  |    |    |
| 9   | 56  | 43  | 34  | 29  | 55  | 42  | 34  | 29  | 41  | 34  | 29  | 40  | 33  | 28  | 39  | 33  | 28  | 26  |    |    |
| 10  | 53  | 39  | 31  | 26  | 51  | 39  | 31  | 26  | 38  | 31  | 26  | 37  | 30  | 26  | 36  | 30  | 26  | 24  |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 20193 | 20193 | 20193 | 20193 |
| 5°  | 20192 | 20184 | 20192 | 20184 |
| 10° | 20124 | 20199 | 20124 | 20199 |
| 15° | 20108 | 20139 | 20108 | 20139 |
| 20° | 20046 | 20060 | 20046 | 20060 |
| 25° | 19934 | 19981 | 19934 | 19981 |
| 30° | 19802 | 19862 | 19802 | 19862 |
| 35° | 19695 | 19721 | 19695 | 19721 |
| 40° | 19526 | 19576 | 19526 | 19576 |
| 45° | 19351 | 19369 | 19351 | 19369 |
| 50° | 19103 | 19137 | 19103 | 19137 |
| 55° | 18789 | 18826 | 18789 | 18826 |
| 60° | 18333 | 18359 | 18333 | 18359 |
| 65° | 17676 | 17727 | 17676 | 17727 |
| 70° | 16705 | 16705 | 16705 | 16705 |
| 75° | 15138 | 15155 | 15138 | 15155 |
| 80° | 12745 | 12769 | 12745 | 12769 |
| 85° | 8744  | 9040  | 8744  | 9040  |

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 44.4   | 3.3       |
| 10°-20°   | 127.3  | 9.4       |
| 20°-30°   | 193.5  | 14.2      |
| 30°-40°   | 234.4  | 17.3      |
| 40°-50°   | 245.0  | 18.0      |
| 50°-60°   | 223.4  | 16.4      |
| 60°-70°   | 171.4  | 12.6      |
| 70°-80°   | 96.3   | 7.1       |
| 80°-90°   | 22.4   | 1.6       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 365.3  | 26.9      |
| 0°-40°    | 599.7  | 44.2      |
| 0°-60°    | 1068.1 | 78.6      |
| 0°-90°    | 1358.1 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1358.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 469 | 469 | 469  | 469  | 469  |      |
| 5°  | 467 | 467 | 467  | 467  | 467  | 44   |
| 15° | 451 | 452 | 451  | 452  | 451  | 127  |
| 25° | 420 | 421 | 420  | 421  | 420  | 194  |
| 35° | 375 | 375 | 375  | 375  | 375  | 234  |
| 45° | 318 | 318 | 318  | 318  | 318  | 245  |
| 55° | 250 | 251 | 250  | 251  | 250  | 223  |
| 65° | 174 | 174 | 174  | 174  | 174  | 171  |
| 75° | 91  | 91  | 91   | 91   | 91   | 96   |
| 85° | 18  | 18  | 18   | 18   | 18   | 22   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  | 202.5° | 225°  |
|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|
| 0°    | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0  | 469.0 | 469.0  | 469.0 | 469.0  | 469.0 |
| 0.5°  | 469.0 | 468.8 | 468.7 | 469.5 | 469.8 | 469.5  | 468.7 | 468.8  | 469.0 | 468.8  | 468.7 |
| 1°    | 468.8 | 468.8 | 468.9 | 469.4 | 469.9 | 469.4  | 468.9 | 468.8  | 468.8 | 468.8  | 468.9 |
| 1.5°  | 469.2 | 468.5 | 469.0 | 469.2 | 469.8 | 469.2  | 469.0 | 468.5  | 469.2 | 468.5  | 469.0 |
| 2°    | 469.3 | 468.3 | 468.8 | 469.4 | 469.9 | 469.4  | 468.8 | 468.3  | 469.3 | 468.3  | 468.8 |
| 2.5°  | 468.7 | 468.3 | 468.4 | 469.2 | 468.8 | 469.2  | 468.4 | 468.3  | 468.7 | 468.3  | 468.4 |
| 3°    | 468.5 | 467.7 | 468.4 | 469.0 | 468.6 | 469.0  | 468.4 | 467.7  | 468.5 | 467.7  | 468.4 |
| 3.5°  | 468.4 | 467.6 | 468.3 | 468.6 | 468.2 | 468.6  | 468.3 | 467.6  | 468.4 | 467.6  | 468.3 |
| 4°    | 467.8 | 467.6 | 468.0 | 468.2 | 468.5 | 468.2  | 468.0 | 467.6  | 467.8 | 467.6  | 468.0 |
| 4.5°  | 467.7 | 466.9 | 467.6 | 467.5 | 467.9 | 467.5  | 467.6 | 466.9  | 467.7 | 466.9  | 467.6 |
| 5°    | 467.2 | 466.3 | 467.4 | 467.1 | 467.0 | 467.1  | 467.4 | 466.3  | 467.2 | 466.3  | 467.4 |
| 5.5°  | 467.4 | 466.3 | 466.7 | 466.7 | 467.4 | 466.7  | 466.7 | 466.3  | 467.4 | 466.3  | 466.7 |
| 6°    | 466.0 | 465.6 | 466.2 | 466.6 | 467.3 | 466.6  | 466.2 | 465.6  | 466.0 | 465.6  | 466.2 |
| 6.5°  | 465.8 | 465.2 | 465.5 | 465.7 | 466.2 | 465.7  | 465.5 | 465.2  | 465.8 | 465.2  | 465.5 |
| 7°    | 465.3 | 464.8 | 465.0 | 465.5 | 466.2 | 465.5  | 465.0 | 464.8  | 465.3 | 464.8  | 465.0 |
| 7.5°  | 464.6 | 464.2 | 464.7 | 464.5 | 465.0 | 464.5  | 464.7 | 464.2  | 464.6 | 464.2  | 464.7 |
| 8°    | 464.1 | 463.1 | 464.3 | 464.1 | 465.1 | 464.1  | 464.3 | 463.1  | 464.1 | 463.1  | 464.3 |
| 8.5°  | 463.2 | 462.8 | 463.1 | 463.4 | 464.0 | 463.4  | 463.1 | 462.8  | 463.2 | 462.8  | 463.1 |
| 9°    | 461.5 | 462.1 | 462.3 | 463.0 | 463.3 | 463.0  | 462.3 | 462.1  | 461.5 | 462.1  | 462.3 |
| 9.5°  | 461.2 | 461.7 | 461.5 | 462.6 | 462.3 | 462.6  | 461.5 | 461.7  | 461.2 | 461.7  | 461.5 |
| 10°   | 460.3 | 461.0 | 460.8 | 461.7 | 462.0 | 461.7  | 460.8 | 461.0  | 460.3 | 461.0  | 460.8 |
| 10.5° | 459.6 | 459.7 | 460.3 | 460.7 | 460.9 | 460.7  | 460.3 | 459.7  | 459.6 | 459.7  | 460.3 |
| 11°   | 459.0 | 458.8 | 459.4 | 460.1 | 459.4 | 460.1  | 459.4 | 458.8  | 459.0 | 458.8  | 459.4 |
| 11.5° | 458.2 | 458.0 | 458.8 | 458.6 | 459.0 | 458.6  | 458.8 | 458.0  | 458.2 | 458.0  | 458.8 |
| 12°   | 457.4 | 456.8 | 457.4 | 458.1 | 458.6 | 458.1  | 457.4 | 456.8  | 457.4 | 456.8  | 457.4 |
| 12.5° | 456.3 | 456.2 | 456.6 | 457.1 | 457.1 | 457.1  | 456.6 | 456.2  | 456.3 | 456.2  | 456.6 |
| 13°   | 455.6 | 455.0 | 455.5 | 455.7 | 456.1 | 455.7  | 455.5 | 455.0  | 455.6 | 455.0  | 455.5 |
| 13.5° | 454.6 | 453.9 | 454.9 | 454.4 | 454.7 | 454.4  | 454.9 | 453.9  | 454.6 | 453.9  | 454.9 |
| 14°   | 453.1 | 453.1 | 453.5 | 453.6 | 454.3 | 453.6  | 453.5 | 453.1  | 453.1 | 453.1  | 453.5 |
| 14.5° | 452.4 | 451.9 | 452.5 | 452.5 | 453.1 | 452.5  | 452.5 | 451.9  | 452.4 | 451.9  | 452.5 |
| 15°   | 451.1 | 450.9 | 451.5 | 451.4 | 451.8 | 451.4  | 451.5 | 450.9  | 451.1 | 450.9  | 451.5 |
| 15.5° | 449.9 | 449.5 | 449.7 | 450.1 | 450.8 | 450.1  | 449.7 | 449.5  | 449.9 | 449.5  | 449.7 |
| 16°   | 448.3 | 448.4 | 448.7 | 449.1 | 448.7 | 449.1  | 448.7 | 448.4  | 448.3 | 448.4  | 448.7 |
| 16.5° | 447.4 | 446.9 | 447.4 | 447.7 | 448.0 | 447.7  | 447.4 | 446.9  | 447.4 | 446.9  | 447.4 |
| 17°   | 446.2 | 445.7 | 446.2 | 446.7 | 446.1 | 446.7  | 446.2 | 445.7  | 446.2 | 445.7  | 446.2 |
| 17.5° | 444.6 | 444.1 | 444.6 | 444.7 | 445.0 | 444.7  | 444.6 | 444.1  | 444.6 | 444.1  | 444.6 |
| 18°   | 442.8 | 442.6 | 443.2 | 443.6 | 443.7 | 443.6  | 443.2 | 442.6  | 442.8 | 442.6  | 443.2 |
| 18.5° | 441.8 | 441.7 | 441.6 | 442.0 | 442.7 | 442.0  | 441.6 | 441.7  | 441.8 | 441.7  | 441.6 |
| 19°   | 440.4 | 440.2 | 440.7 | 440.7 | 441.5 | 440.7  | 440.7 | 440.2  | 440.4 | 440.2  | 440.7 |
| 19.5° | 438.7 | 438.1 | 439.2 | 438.9 | 438.9 | 438.9  | 439.2 | 438.1  | 438.7 | 438.1  | 439.2 |
| 20°   | 437.5 | 437.2 | 437.4 | 437.7 | 437.8 | 437.7  | 437.4 | 437.2  | 437.5 | 437.2  | 437.4 |
| 20.5° | 435.8 | 434.9 | 435.5 | 435.8 | 436.3 | 435.8  | 435.5 | 434.9  | 435.8 | 434.9  | 435.5 |
| 21°   | 433.7 | 433.8 | 433.8 | 434.4 | 434.9 | 434.4  | 433.8 | 433.8  | 433.7 | 433.8  | 433.8 |

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TEST NUMBER: P997212

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**CANDELA DISTRIBUTION (continued):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  | 202.5° | 225°  |
|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|
| 22.5° | 429.3 | 428.1 | 428.3 | 429.7 | 429.4 | 429.7  | 428.3 | 428.1  | 429.3 | 428.1  | 428.3 |
| 23°   | 427.4 | 426.6 | 426.9 | 428.1 | 427.7 | 428.1  | 426.9 | 426.6  | 427.4 | 426.6  | 426.9 |
| 23.5° | 425.5 | 424.7 | 425.2 | 426.1 | 425.9 | 426.1  | 425.2 | 424.7  | 425.5 | 424.7  | 425.2 |
| 24°   | 424.1 | 423.0 | 423.6 | 424.0 | 424.4 | 424.0  | 423.6 | 423.0  | 424.1 | 423.0  | 423.6 |
| 24.5° | 421.9 | 421.3 | 421.5 | 421.7 | 422.3 | 421.7  | 421.5 | 421.3  | 421.9 | 421.3  | 421.5 |
| 25°   | 419.6 | 419.6 | 420.0 | 420.1 | 420.6 | 420.1  | 420.0 | 419.6  | 419.6 | 419.6  | 420.0 |
| 25.5° | 418.0 | 417.6 | 418.2 | 418.4 | 418.2 | 418.4  | 418.2 | 417.6  | 418.0 | 417.6  | 418.2 |
| 26°   | 415.8 | 415.7 | 416.0 | 416.2 | 416.5 | 416.2  | 416.0 | 415.7  | 415.8 | 415.7  | 416.0 |
| 26.5° | 414.2 | 413.5 | 414.1 | 414.2 | 414.3 | 414.2  | 414.1 | 413.5  | 414.2 | 413.5  | 414.1 |
| 27°   | 412.0 | 411.5 | 411.6 | 412.2 | 412.6 | 412.2  | 411.6 | 411.5  | 412.0 | 411.5  | 411.6 |
| 27.5° | 410.1 | 409.4 | 409.6 | 410.2 | 410.5 | 410.2  | 409.6 | 409.4  | 410.1 | 409.4  | 409.6 |
| 28°   | 407.9 | 407.4 | 407.9 | 408.2 | 408.6 | 408.2  | 407.9 | 407.4  | 407.9 | 407.4  | 407.9 |
| 28.5° | 405.8 | 405.1 | 405.8 | 406.0 | 406.6 | 406.0  | 405.8 | 405.1  | 405.8 | 405.1  | 405.8 |
| 29°   | 403.1 | 402.9 | 403.3 | 403.5 | 404.0 | 403.5  | 403.3 | 402.9  | 403.1 | 402.9  | 403.3 |
| 29.5° | 401.1 | 400.7 | 401.4 | 401.4 | 401.8 | 401.4  | 401.4 | 400.7  | 401.1 | 400.7  | 401.4 |
| 30°   | 398.3 | 398.7 | 398.9 | 399.1 | 399.5 | 399.1  | 398.9 | 398.7  | 398.3 | 398.7  | 398.9 |
| 30.5° | 396.5 | 396.1 | 396.7 | 397.0 | 397.8 | 397.0  | 396.7 | 396.1  | 396.5 | 396.1  | 396.7 |
| 31°   | 394.2 | 393.7 | 394.3 | 394.6 | 395.3 | 394.6  | 394.3 | 393.7  | 394.2 | 393.7  | 394.3 |
| 31.5° | 392.0 | 391.3 | 392.0 | 392.2 | 393.0 | 392.2  | 392.0 | 391.3  | 392.0 | 391.3  | 392.0 |
| 32°   | 389.3 | 389.0 | 389.4 | 389.8 | 390.0 | 389.8  | 389.4 | 389.0  | 389.3 | 389.0  | 389.4 |
| 32.5° | 387.2 | 386.4 | 387.5 | 387.5 | 387.7 | 387.5  | 387.5 | 386.4  | 387.2 | 386.4  | 387.5 |
| 33°   | 384.6 | 384.5 | 384.8 | 385.2 | 385.2 | 385.2  | 384.8 | 384.5  | 384.6 | 384.5  | 384.8 |
| 33.5° | 382.5 | 381.5 | 382.6 | 382.6 | 382.4 | 382.6  | 382.6 | 381.5  | 382.5 | 381.5  | 382.6 |
| 34°   | 379.9 | 380.0 | 379.4 | 380.2 | 380.1 | 380.2  | 379.4 | 380.0  | 379.9 | 380.0  | 379.4 |
| 34.5° | 376.9 | 377.0 | 377.2 | 377.5 | 377.9 | 377.5  | 377.2 | 377.0  | 376.9 | 377.0  | 377.2 |
| 35°   | 374.7 | 374.6 | 374.3 | 374.9 | 375.2 | 374.9  | 374.3 | 374.6  | 374.7 | 374.6  | 374.3 |
| 35.5° | 371.7 | 372.0 | 371.9 | 372.6 | 372.2 | 372.6  | 371.9 | 372.0  | 371.7 | 372.0  | 371.9 |
| 36°   | 369.6 | 369.3 | 369.4 | 370.1 | 369.5 | 370.1  | 369.4 | 369.3  | 369.6 | 369.3  | 369.4 |
| 36.5° | 366.3 | 366.2 | 366.8 | 367.2 | 366.9 | 367.2  | 366.8 | 366.2  | 366.3 | 366.2  | 366.8 |
| 37°   | 364.5 | 363.7 | 364.0 | 364.2 | 364.6 | 364.2  | 364.0 | 363.7  | 364.5 | 363.7  | 364.0 |
| 37.5° | 360.6 | 361.0 | 361.7 | 362.2 | 362.1 | 362.2  | 361.7 | 361.0  | 360.6 | 361.0  | 361.7 |
| 38°   | 358.3 | 358.5 | 358.7 | 359.3 | 359.2 | 359.3  | 358.7 | 358.5  | 358.3 | 358.5  | 358.7 |
| 38.5° | 355.4 | 355.5 | 355.7 | 356.6 | 356.4 | 356.6  | 355.7 | 355.5  | 355.4 | 355.5  | 355.7 |
| 39°   | 352.9 | 353.1 | 353.4 | 353.5 | 354.0 | 353.5  | 353.4 | 353.1  | 352.9 | 353.1  | 353.4 |
| 39.5° | 350.1 | 350.1 | 350.7 | 350.7 | 350.8 | 350.7  | 350.7 | 350.1  | 350.1 | 350.1  | 350.7 |
| 40°   | 347.4 | 347.1 | 347.5 | 348.1 | 348.3 | 348.1  | 347.5 | 347.1  | 347.4 | 347.1  | 347.5 |
| 40.5° | 344.5 | 344.2 | 344.6 | 345.3 | 345.3 | 345.3  | 344.6 | 344.2  | 344.5 | 344.2  | 344.6 |
| 41°   | 341.9 | 341.7 | 341.7 | 342.1 | 342.3 | 342.1  | 341.7 | 341.7  | 341.9 | 341.7  | 341.7 |
| 41.5° | 338.8 | 338.3 | 338.9 | 339.2 | 339.5 | 339.2  | 338.9 | 338.3  | 338.8 | 338.3  | 338.9 |
| 42°   | 335.9 | 335.4 | 336.0 | 336.4 | 335.9 | 336.4  | 336.0 | 335.4  | 335.9 | 335.4  | 336.0 |
| 42.5° | 333.0 | 332.4 | 333.0 | 333.7 | 333.2 | 333.7  | 333.0 | 332.4  | 333.0 | 332.4  | 333.0 |
| 43°   | 329.9 | 329.9 | 330.0 | 330.4 | 330.4 | 330.4  | 330.0 | 329.9  | 329.9 | 329.9  | 330.0 |
| 43.5° | 327.0 | 326.6 | 326.8 | 327.3 | 327.4 | 327.3  | 326.8 | 326.6  | 327.0 | 326.6  | 326.8 |

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**CANDELA DISTRIBUTION (continued):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  | 202.5° | 225°  |
|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|
| 45°   | 317.8 | 317.3 | 317.6 | 318.2 | 318.1 | 318.2  | 317.6 | 317.3  | 317.8 | 317.3  | 317.6 |
| 45.5° | 314.5 | 313.9 | 314.3 | 314.9 | 314.8 | 314.9  | 314.3 | 313.9  | 314.5 | 313.9  | 314.3 |
| 46°   | 311.3 | 310.9 | 311.3 | 311.7 | 311.7 | 311.7  | 311.3 | 310.9  | 311.3 | 310.9  | 311.3 |
| 46.5° | 308.0 | 307.6 | 307.9 | 308.2 | 308.5 | 308.2  | 307.9 | 307.6  | 308.0 | 307.6  | 307.9 |
| 47°   | 305.0 | 304.6 | 304.9 | 305.1 | 305.3 | 305.1  | 304.9 | 304.6  | 305.0 | 304.6  | 304.9 |
| 47.5° | 301.8 | 301.3 | 301.8 | 302.2 | 302.2 | 302.2  | 301.8 | 301.3  | 301.8 | 301.3  | 301.8 |
| 48°   | 298.4 | 298.0 | 298.4 | 298.9 | 299.1 | 298.9  | 298.4 | 298.0  | 298.4 | 298.0  | 298.4 |
| 48.5° | 295.3 | 294.9 | 295.2 | 295.3 | 295.6 | 295.3  | 295.2 | 294.9  | 295.3 | 294.9  | 295.2 |
| 49°   | 292.2 | 291.6 | 291.9 | 292.4 | 292.1 | 292.4  | 291.9 | 291.6  | 292.2 | 291.6  | 291.9 |
| 49.5° | 288.6 | 288.2 | 288.4 | 288.7 | 289.2 | 288.7  | 288.4 | 288.2  | 288.6 | 288.2  | 288.4 |
| 50°   | 285.2 | 284.8 | 284.8 | 285.6 | 285.7 | 285.6  | 284.8 | 284.8  | 285.2 | 284.8  | 284.8 |
| 50.5° | 281.8 | 281.4 | 281.4 | 282.1 | 282.2 | 282.1  | 281.4 | 281.4  | 281.8 | 281.4  | 281.4 |
| 51°   | 278.5 | 278.0 | 277.8 | 278.7 | 278.7 | 278.7  | 277.8 | 278.0  | 278.5 | 278.0  | 277.8 |
| 51.5° | 275.0 | 274.6 | 274.7 | 275.2 | 275.5 | 275.2  | 274.7 | 274.6  | 275.0 | 274.6  | 274.7 |
| 52°   | 271.4 | 271.1 | 271.0 | 271.6 | 272.0 | 271.6  | 271.0 | 271.1  | 271.4 | 271.1  | 271.0 |
| 52.5° | 267.6 | 267.5 | 267.8 | 268.2 | 268.4 | 268.2  | 267.8 | 267.5  | 267.6 | 267.5  | 267.8 |
| 53°   | 264.4 | 264.1 | 264.4 | 264.6 | 264.7 | 264.6  | 264.4 | 264.1  | 264.4 | 264.1  | 264.4 |
| 53.5° | 261.1 | 260.6 | 261.0 | 260.7 | 261.3 | 260.7  | 261.0 | 260.6  | 261.1 | 260.6  | 261.0 |
| 54°   | 257.5 | 257.0 | 257.2 | 257.6 | 257.8 | 257.6  | 257.2 | 257.0  | 257.5 | 257.0  | 257.2 |
| 54.5° | 253.9 | 253.4 | 253.6 | 254.1 | 254.2 | 254.1  | 253.6 | 253.4  | 253.9 | 253.4  | 253.6 |
| 55°   | 250.3 | 249.9 | 250.0 | 250.5 | 250.8 | 250.5  | 250.0 | 249.9  | 250.3 | 249.9  | 250.0 |
| 55.5° | 246.8 | 246.3 | 246.4 | 246.6 | 247.2 | 246.6  | 246.4 | 246.3  | 246.8 | 246.3  | 246.4 |
| 56°   | 243.0 | 242.5 | 242.7 | 243.0 | 243.3 | 243.0  | 242.7 | 242.5  | 243.0 | 242.5  | 242.7 |
| 56.5° | 239.3 | 238.9 | 239.1 | 239.4 | 239.4 | 239.4  | 239.1 | 238.9  | 239.3 | 238.9  | 239.1 |
| 57°   | 235.4 | 235.0 | 235.3 | 235.7 | 235.9 | 235.7  | 235.3 | 235.0  | 235.4 | 235.0  | 235.3 |
| 57.5° | 231.7 | 231.3 | 231.6 | 232.1 | 232.2 | 232.1  | 231.6 | 231.3  | 231.7 | 231.3  | 231.6 |
| 58°   | 228.0 | 227.5 | 227.9 | 228.3 | 228.4 | 228.3  | 227.9 | 227.5  | 228.0 | 227.5  | 227.9 |
| 58.5° | 224.4 | 224.0 | 224.2 | 224.4 | 224.6 | 224.4  | 224.2 | 224.0  | 224.4 | 224.0  | 224.2 |
| 59°   | 220.7 | 220.3 | 220.1 | 220.5 | 220.9 | 220.5  | 220.1 | 220.3  | 220.7 | 220.3  | 220.1 |
| 59.5° | 216.8 | 216.4 | 216.3 | 216.7 | 217.0 | 216.7  | 216.3 | 216.4  | 216.8 | 216.4  | 216.3 |
| 60°   | 212.9 | 212.6 | 212.5 | 213.0 | 213.2 | 213.0  | 212.5 | 212.6  | 212.9 | 212.6  | 212.5 |
| 60.5° | 209.1 | 208.7 | 208.7 | 209.1 | 209.4 | 209.1  | 208.7 | 208.7  | 209.1 | 208.7  | 208.7 |
| 61°   | 205.0 | 204.9 | 204.8 | 205.2 | 205.4 | 205.2  | 204.8 | 204.9  | 205.0 | 204.9  | 204.8 |
| 61.5° | 201.1 | 200.9 | 201.0 | 201.4 | 201.5 | 201.4  | 201.0 | 200.9  | 201.1 | 200.9  | 201.0 |
| 62°   | 197.0 | 197.0 | 197.0 | 197.5 | 197.7 | 197.5  | 197.0 | 197.0  | 197.0 | 197.0  | 197.0 |
| 62.5° | 193.2 | 193.2 | 193.2 | 193.7 | 193.7 | 193.7  | 193.2 | 193.2  | 193.2 | 193.2  | 193.2 |
| 63°   | 189.3 | 189.2 | 189.4 | 189.8 | 189.8 | 189.8  | 189.4 | 189.2  | 189.3 | 189.2  | 189.4 |
| 63.5° | 185.3 | 185.3 | 185.5 | 185.6 | 186.0 | 185.6  | 185.5 | 185.3  | 185.3 | 185.3  | 185.5 |
| 64°   | 181.4 | 181.2 | 181.5 | 181.6 | 182.2 | 181.6  | 181.5 | 181.2  | 181.4 | 181.2  | 181.5 |
| 64.5° | 177.4 | 177.3 | 177.5 | 177.5 | 178.0 | 177.5  | 177.5 | 177.3  | 177.4 | 177.3  | 177.5 |
| 65°   | 173.5 | 173.2 | 173.4 | 173.6 | 174.0 | 173.6  | 173.4 | 173.2  | 173.5 | 173.2  | 173.4 |
| 65.5° | 169.3 | 169.1 | 169.3 | 169.6 | 169.7 | 169.6  | 169.3 | 169.1  | 169.3 | 169.1  | 169.3 |
| 66°   | 165.3 | 165.1 | 165.2 | 165.6 | 165.7 | 165.6  | 165.2 | 165.1  | 165.3 | 165.1  | 165.2 |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**CANDELA DISTRIBUTION (continued):**

|       | 0°    | 22.5° | 45°   | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180°  | 202.5° | 225°  |
|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|
| 67.5° | 153.4 | 152.8 | 153.0 | 153.2 | 153.4 | 153.2  | 153.0 | 152.8  | 153.4 | 152.8  | 153.0 |
| 68°   | 149.2 | 148.8 | 148.9 | 149.1 | 149.4 | 149.1  | 148.9 | 148.8  | 149.2 | 148.8  | 148.9 |
| 68.5° | 145.0 | 144.8 | 145.0 | 145.2 | 145.2 | 145.2  | 145.0 | 144.8  | 145.0 | 144.8  | 145.0 |
| 69°   | 140.9 | 140.6 | 140.5 | 140.9 | 141.0 | 140.9  | 140.5 | 140.6  | 140.9 | 140.6  | 140.5 |
| 69.5° | 136.7 | 136.4 | 136.5 | 136.8 | 136.9 | 136.8  | 136.5 | 136.4  | 136.7 | 136.4  | 136.5 |
| 70°   | 132.7 | 132.5 | 132.5 | 132.7 | 132.7 | 132.7  | 132.5 | 132.5  | 132.7 | 132.5  | 132.5 |
| 70.5° | 128.4 | 128.1 | 128.3 | 128.7 | 128.6 | 128.7  | 128.3 | 128.1  | 128.4 | 128.1  | 128.3 |
| 71°   | 124.3 | 124.1 | 124.2 | 124.4 | 124.4 | 124.4  | 124.2 | 124.1  | 124.3 | 124.1  | 124.2 |
| 71.5° | 120.0 | 119.8 | 120.0 | 120.3 | 120.1 | 120.3  | 120.0 | 119.8  | 120.0 | 119.8  | 120.0 |
| 72°   | 115.8 | 115.7 | 115.7 | 116.0 | 116.0 | 116.0  | 115.7 | 115.7  | 115.8 | 115.7  | 115.7 |
| 72.5° | 111.7 | 111.6 | 111.6 | 112.0 | 111.9 | 112.0  | 111.6 | 111.6  | 111.7 | 111.6  | 111.6 |
| 73°   | 107.3 | 107.4 | 107.4 | 107.8 | 107.8 | 107.8  | 107.4 | 107.4  | 107.3 | 107.4  | 107.4 |
| 73.5° | 103.4 | 103.2 | 103.3 | 103.5 | 103.6 | 103.5  | 103.3 | 103.2  | 103.4 | 103.2  | 103.3 |
| 74°   | 99.4  | 99.3  | 99.3  | 99.3  | 99.5  | 99.3   | 99.3  | 99.3   | 99.4  | 99.3   | 99.3  |
| 74.5° | 95.2  | 95.2  | 95.1  | 95.3  | 95.3  | 95.3   | 95.1  | 95.2   | 95.2  | 95.2   | 95.1  |
| 75°   | 91.0  | 91.0  | 91.0  | 91.2  | 91.1  | 91.2   | 91.0  | 91.0   | 91.0  | 91.0   | 91.0  |
| 75.5° | 86.9  | 86.8  | 86.8  | 87.1  | 87.1  | 87.1   | 86.8  | 86.8   | 86.9  | 86.8   | 86.8  |
| 76°   | 82.8  | 82.7  | 82.8  | 82.8  | 82.9  | 82.8   | 82.8  | 82.7   | 82.8  | 82.7   | 82.8  |
| 76.5° | 78.7  | 78.5  | 78.7  | 78.9  | 78.8  | 78.9   | 78.7  | 78.5   | 78.7  | 78.5   | 78.7  |
| 77°   | 74.6  | 74.6  | 74.7  | 74.9  | 74.9  | 74.9   | 74.7  | 74.6   | 74.6  | 74.6   | 74.7  |
| 77.5° | 70.7  | 70.6  | 70.7  | 71.0  | 70.9  | 71.0   | 70.7  | 70.6   | 70.7  | 70.6   | 70.7  |
| 78°   | 66.8  | 66.7  | 66.8  | 67.1  | 67.1  | 67.1   | 66.8  | 66.7   | 66.8  | 66.7   | 66.8  |
| 78.5° | 63.0  | 62.9  | 62.9  | 63.2  | 63.2  | 63.2   | 62.9  | 62.9   | 63.0  | 62.9   | 62.9  |
| 79°   | 59.2  | 59.1  | 59.1  | 59.2  | 59.3  | 59.2   | 59.1  | 59.1   | 59.2  | 59.1   | 59.1  |
| 79.5° | 55.2  | 55.1  | 55.2  | 55.4  | 55.4  | 55.4   | 55.2  | 55.1   | 55.2  | 55.1   | 55.2  |
| 80°   | 51.4  | 51.3  | 51.3  | 51.5  | 51.5  | 51.5   | 51.3  | 51.3   | 51.4  | 51.3   | 51.3  |
| 80.5° | 47.6  | 47.5  | 47.5  | 47.8  | 47.8  | 47.8   | 47.5  | 47.5   | 47.6  | 47.5   | 47.5  |
| 81°   | 43.9  | 43.8  | 43.9  | 44.1  | 44.0  | 44.1   | 43.9  | 43.8   | 43.9  | 43.8   | 43.9  |
| 81.5° | 40.2  | 40.1  | 40.2  | 40.4  | 40.4  | 40.4   | 40.2  | 40.1   | 40.2  | 40.1   | 40.2  |
| 82°   | 36.5  | 36.5  | 36.6  | 36.8  | 36.9  | 36.8   | 36.6  | 36.5   | 36.5  | 36.5   | 36.6  |
| 82.5° | 33.0  | 33.0  | 33.2  | 33.4  | 33.6  | 33.4   | 33.2  | 33.0   | 33.0  | 33.0   | 33.2  |
| 83°   | 29.7  | 29.8  | 29.8  | 30.1  | 30.3  | 30.1   | 29.8  | 29.8   | 29.7  | 29.8   | 29.8  |
| 83.5° | 26.5  | 26.5  | 26.6  | 26.9  | 27.1  | 26.9   | 26.6  | 26.5   | 26.5  | 26.5   | 26.6  |
| 84°   | 23.5  | 23.4  | 23.6  | 23.8  | 23.9  | 23.8   | 23.6  | 23.4   | 23.5  | 23.4   | 23.6  |
| 84.5° | 20.6  | 20.6  | 20.6  | 20.8  | 21.0  | 20.8   | 20.6  | 20.6   | 20.6  | 20.6   | 20.6  |
| 85°   | 17.7  | 17.7  | 17.7  | 18.1  | 18.3  | 18.1   | 17.7  | 17.7   | 17.7  | 17.7   | 17.7  |
| 85.5° | 15.0  | 15.0  | 15.2  | 15.4  | 15.7  | 15.4   | 15.2  | 15.0   | 15.0  | 15.0   | 15.2  |
| 86°   | 12.5  | 12.5  | 12.7  | 12.9  | 13.2  | 12.9   | 12.7  | 12.5   | 12.5  | 12.5   | 12.7  |
| 86.5° | 10.1  | 10.2  | 10.4  | 10.6  | 10.9  | 10.6   | 10.4  | 10.2   | 10.1  | 10.2   | 10.4  |
| 87°   | 8.0   | 8.1   | 8.3   | 8.5   | 8.8   | 8.5    | 8.3   | 8.1    | 8.0   | 8.1    | 8.3   |
| 87.5° | 6.1   | 6.2   | 6.5   | 6.7   | 7.0   | 6.7    | 6.5   | 6.2    | 6.1   | 6.2    | 6.5   |
| 88°   | 4.5   | 4.5   | 4.8   | 5.0   | 5.4   | 5.0    | 4.8   | 4.5    | 4.5   | 4.5    | 4.8   |
| 88.5° | 3.1   | 3.1   | 3.4   | 3.6   | 4.0   | 3.6    | 3.4   | 3.1    | 3.1   | 3.1    | 3.4   |

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

Scaled Data Report



TEST NUMBER: P997212  
CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

CANDELA DISTRIBUTION (continued):

|     | 0°  | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° | 202.5° | 225° |
|-----|-----|-------|-----|-------|-----|--------|------|--------|------|--------|------|
| 90° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 270°  | 292.5° | 315°  | 337.5° | 360°  |
|-------|--------|-------|--------|-------|--------|-------|
| 0°    | 469.0  | 469.0 | 469.0  | 469.0 | 469.0  | 469.0 |
| 0.5°  | 469.5  | 469.8 | 469.5  | 468.7 | 468.8  | 469.0 |
| 1°    | 469.4  | 469.9 | 469.4  | 468.9 | 468.8  | 468.8 |
| 1.5°  | 469.2  | 469.8 | 469.2  | 469.0 | 468.5  | 469.2 |
| 2°    | 469.4  | 469.9 | 469.4  | 468.8 | 468.3  | 469.3 |
| 2.5°  | 469.2  | 468.8 | 469.2  | 468.4 | 468.3  | 468.7 |
| 3°    | 469.0  | 468.6 | 469.0  | 468.4 | 467.7  | 468.5 |
| 3.5°  | 468.6  | 468.2 | 468.6  | 468.3 | 467.6  | 468.4 |
| 4°    | 468.2  | 468.5 | 468.2  | 468.0 | 467.6  | 467.8 |
| 4.5°  | 467.5  | 467.9 | 467.5  | 467.6 | 466.9  | 467.7 |
| 5°    | 467.1  | 467.0 | 467.1  | 467.4 | 466.3  | 467.2 |
| 5.5°  | 466.7  | 467.4 | 466.7  | 466.7 | 466.3  | 467.4 |
| 6°    | 466.6  | 467.3 | 466.6  | 466.2 | 465.6  | 466.0 |
| 6.5°  | 465.7  | 466.2 | 465.7  | 465.5 | 465.2  | 465.8 |
| 7°    | 465.5  | 466.2 | 465.5  | 465.0 | 464.8  | 465.3 |
| 7.5°  | 464.5  | 465.0 | 464.5  | 464.7 | 464.2  | 464.6 |
| 8°    | 464.1  | 465.1 | 464.1  | 464.3 | 463.1  | 464.1 |
| 8.5°  | 463.4  | 464.0 | 463.4  | 463.1 | 462.8  | 463.2 |
| 9°    | 463.0  | 463.3 | 463.0  | 462.3 | 462.1  | 461.5 |
| 9.5°  | 462.6  | 462.3 | 462.6  | 461.5 | 461.7  | 461.2 |
| 10°   | 461.7  | 462.0 | 461.7  | 460.8 | 461.0  | 460.3 |
| 10.5° | 460.7  | 460.9 | 460.7  | 460.3 | 459.7  | 459.6 |
| 11°   | 460.1  | 459.4 | 460.1  | 459.4 | 458.8  | 459.0 |
| 11.5° | 458.6  | 459.0 | 458.6  | 458.8 | 458.0  | 458.2 |
| 12°   | 458.1  | 458.6 | 458.1  | 457.4 | 456.8  | 457.4 |
| 12.5° | 457.1  | 457.1 | 457.1  | 456.6 | 456.2  | 456.3 |
| 13°   | 455.7  | 456.1 | 455.7  | 455.5 | 455.0  | 455.6 |
| 13.5° | 454.4  | 454.7 | 454.4  | 454.9 | 453.9  | 454.6 |
| 14°   | 453.6  | 454.3 | 453.6  | 453.5 | 453.1  | 453.1 |
| 14.5° | 452.5  | 453.1 | 452.5  | 452.5 | 451.9  | 452.4 |
| 15°   | 451.4  | 451.8 | 451.4  | 451.5 | 450.9  | 451.1 |
| 15.5° | 450.1  | 450.8 | 450.1  | 449.7 | 449.5  | 449.9 |
| 16°   | 449.1  | 448.7 | 449.1  | 448.7 | 448.4  | 448.3 |
| 16.5° | 447.7  | 448.0 | 447.7  | 447.4 | 446.9  | 447.4 |
| 17°   | 446.7  | 446.1 | 446.7  | 446.2 | 445.7  | 446.2 |
| 17.5° | 444.7  | 445.0 | 444.7  | 444.6 | 444.1  | 444.6 |
| 18°   | 443.6  | 443.7 | 443.6  | 443.2 | 442.6  | 442.8 |
| 18.5° | 442.0  | 442.7 | 442.0  | 441.6 | 441.7  | 441.8 |
| 19°   | 440.7  | 441.5 | 440.7  | 440.7 | 440.2  | 440.4 |
| 19.5° | 438.9  | 438.9 | 438.9  | 439.2 | 438.1  | 438.7 |
| 20°   | 437.7  | 437.8 | 437.7  | 437.4 | 437.2  | 437.5 |
| 20.5° | 435.8  | 436.3 | 435.8  | 435.5 | 434.9  | 435.8 |
| 21°   | 434.4  | 434.9 | 434.4  | 433.8 | 433.8  | 433.7 |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 270°  | 292.5° | 315°  | 337.5° | 360°  |
|-------|--------|-------|--------|-------|--------|-------|
| 22.5° | 429.7  | 429.4 | 429.7  | 428.3 | 428.1  | 429.3 |
| 23°   | 428.1  | 427.7 | 428.1  | 426.9 | 426.6  | 427.4 |
| 23.5° | 426.1  | 425.9 | 426.1  | 425.2 | 424.7  | 425.5 |
| 24°   | 424.0  | 424.4 | 424.0  | 423.6 | 423.0  | 424.1 |
| 24.5° | 421.7  | 422.3 | 421.7  | 421.5 | 421.3  | 421.9 |
| 25°   | 420.1  | 420.6 | 420.1  | 420.0 | 419.6  | 419.6 |
| 25.5° | 418.4  | 418.2 | 418.4  | 418.2 | 417.6  | 418.0 |
| 26°   | 416.2  | 416.5 | 416.2  | 416.0 | 415.7  | 415.8 |
| 26.5° | 414.2  | 414.3 | 414.2  | 414.1 | 413.5  | 414.2 |
| 27°   | 412.2  | 412.6 | 412.2  | 411.6 | 411.5  | 412.0 |
| 27.5° | 410.2  | 410.5 | 410.2  | 409.6 | 409.4  | 410.1 |
| 28°   | 408.2  | 408.6 | 408.2  | 407.9 | 407.4  | 407.9 |
| 28.5° | 406.0  | 406.6 | 406.0  | 405.8 | 405.1  | 405.8 |
| 29°   | 403.5  | 404.0 | 403.5  | 403.3 | 402.9  | 403.1 |
| 29.5° | 401.4  | 401.8 | 401.4  | 401.4 | 400.7  | 401.1 |
| 30°   | 399.1  | 399.5 | 399.1  | 398.9 | 398.7  | 398.3 |
| 30.5° | 397.0  | 397.8 | 397.0  | 396.7 | 396.1  | 396.5 |
| 31°   | 394.6  | 395.3 | 394.6  | 394.3 | 393.7  | 394.2 |
| 31.5° | 392.2  | 393.0 | 392.2  | 392.0 | 391.3  | 392.0 |
| 32°   | 389.8  | 390.0 | 389.8  | 389.4 | 389.0  | 389.3 |
| 32.5° | 387.5  | 387.7 | 387.5  | 387.5 | 386.4  | 387.2 |
| 33°   | 385.2  | 385.2 | 385.2  | 384.8 | 384.5  | 384.6 |
| 33.5° | 382.6  | 382.4 | 382.6  | 382.6 | 381.5  | 382.5 |
| 34°   | 380.2  | 380.1 | 380.2  | 379.4 | 380.0  | 379.9 |
| 34.5° | 377.5  | 377.9 | 377.5  | 377.2 | 377.0  | 376.9 |
| 35°   | 374.9  | 375.2 | 374.9  | 374.3 | 374.6  | 374.7 |
| 35.5° | 372.6  | 372.2 | 372.6  | 371.9 | 372.0  | 371.7 |
| 36°   | 370.1  | 369.5 | 370.1  | 369.4 | 369.3  | 369.6 |
| 36.5° | 367.2  | 366.9 | 367.2  | 366.8 | 366.2  | 366.3 |
| 37°   | 364.2  | 364.6 | 364.2  | 364.0 | 363.7  | 364.5 |
| 37.5° | 362.2  | 362.1 | 362.2  | 361.7 | 361.0  | 360.6 |
| 38°   | 359.3  | 359.2 | 359.3  | 358.7 | 358.5  | 358.3 |
| 38.5° | 356.6  | 356.4 | 356.6  | 355.7 | 355.5  | 355.4 |
| 39°   | 353.5  | 354.0 | 353.5  | 353.4 | 353.1  | 352.9 |
| 39.5° | 350.7  | 350.8 | 350.7  | 350.7 | 350.1  | 350.1 |
| 40°   | 348.1  | 348.3 | 348.1  | 347.5 | 347.1  | 347.4 |
| 40.5° | 345.3  | 345.3 | 345.3  | 344.6 | 344.2  | 344.5 |
| 41°   | 342.1  | 342.3 | 342.1  | 341.7 | 341.7  | 341.9 |
| 41.5° | 339.2  | 339.5 | 339.2  | 338.9 | 338.3  | 338.8 |
| 42°   | 336.4  | 335.9 | 336.4  | 336.0 | 335.4  | 335.9 |
| 42.5° | 333.7  | 333.2 | 333.7  | 333.0 | 332.4  | 333.0 |
| 43°   | 330.4  | 330.4 | 330.4  | 330.0 | 329.9  | 329.9 |
| 43.5° | 327.3  | 327.4 | 327.3  | 326.8 | 326.6  | 327.0 |

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1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 270°  | 292.5° | 315°  | 337.5° | 360°  |
|-------|--------|-------|--------|-------|--------|-------|
| 45°   | 318.2  | 318.1 | 318.2  | 317.6 | 317.3  | 317.8 |
| 45.5° | 314.9  | 314.8 | 314.9  | 314.3 | 313.9  | 314.5 |
| 46°   | 311.7  | 311.7 | 311.7  | 311.3 | 310.9  | 311.3 |
| 46.5° | 308.2  | 308.5 | 308.2  | 307.9 | 307.6  | 308.0 |
| 47°   | 305.1  | 305.3 | 305.1  | 304.9 | 304.6  | 305.0 |
| 47.5° | 302.2  | 302.2 | 302.2  | 301.8 | 301.3  | 301.8 |
| 48°   | 298.9  | 299.1 | 298.9  | 298.4 | 298.0  | 298.4 |
| 48.5° | 295.3  | 295.6 | 295.3  | 295.2 | 294.9  | 295.3 |
| 49°   | 292.4  | 292.1 | 292.4  | 291.9 | 291.6  | 292.2 |
| 49.5° | 288.7  | 289.2 | 288.7  | 288.4 | 288.2  | 288.6 |
| 50°   | 285.6  | 285.7 | 285.6  | 284.8 | 284.8  | 285.2 |
| 50.5° | 282.1  | 282.2 | 282.1  | 281.4 | 281.4  | 281.8 |
| 51°   | 278.7  | 278.7 | 278.7  | 277.8 | 278.0  | 278.5 |
| 51.5° | 275.2  | 275.5 | 275.2  | 274.7 | 274.6  | 275.0 |
| 52°   | 271.6  | 272.0 | 271.6  | 271.0 | 271.1  | 271.4 |
| 52.5° | 268.2  | 268.4 | 268.2  | 267.8 | 267.5  | 267.6 |
| 53°   | 264.6  | 264.7 | 264.6  | 264.4 | 264.1  | 264.4 |
| 53.5° | 260.7  | 261.3 | 260.7  | 261.0 | 260.6  | 261.1 |
| 54°   | 257.6  | 257.8 | 257.6  | 257.2 | 257.0  | 257.5 |
| 54.5° | 254.1  | 254.2 | 254.1  | 253.6 | 253.4  | 253.9 |
| 55°   | 250.5  | 250.8 | 250.5  | 250.0 | 249.9  | 250.3 |
| 55.5° | 246.6  | 247.2 | 246.6  | 246.4 | 246.3  | 246.8 |
| 56°   | 243.0  | 243.3 | 243.0  | 242.7 | 242.5  | 243.0 |
| 56.5° | 239.4  | 239.4 | 239.4  | 239.1 | 238.9  | 239.3 |
| 57°   | 235.7  | 235.9 | 235.7  | 235.3 | 235.0  | 235.4 |
| 57.5° | 232.1  | 232.2 | 232.1  | 231.6 | 231.3  | 231.7 |
| 58°   | 228.3  | 228.4 | 228.3  | 227.9 | 227.5  | 228.0 |
| 58.5° | 224.4  | 224.6 | 224.4  | 224.2 | 224.0  | 224.4 |
| 59°   | 220.5  | 220.9 | 220.5  | 220.1 | 220.3  | 220.7 |
| 59.5° | 216.7  | 217.0 | 216.7  | 216.3 | 216.4  | 216.8 |
| 60°   | 213.0  | 213.2 | 213.0  | 212.5 | 212.6  | 212.9 |
| 60.5° | 209.1  | 209.4 | 209.1  | 208.7 | 208.7  | 209.1 |
| 61°   | 205.2  | 205.4 | 205.2  | 204.8 | 204.9  | 205.0 |
| 61.5° | 201.4  | 201.5 | 201.4  | 201.0 | 200.9  | 201.1 |
| 62°   | 197.5  | 197.7 | 197.5  | 197.0 | 197.0  | 197.0 |
| 62.5° | 193.7  | 193.7 | 193.7  | 193.2 | 193.2  | 193.2 |
| 63°   | 189.8  | 189.8 | 189.8  | 189.4 | 189.2  | 189.3 |
| 63.5° | 185.6  | 186.0 | 185.6  | 185.5 | 185.3  | 185.3 |
| 64°   | 181.6  | 182.2 | 181.6  | 181.5 | 181.2  | 181.4 |
| 64.5° | 177.5  | 178.0 | 177.5  | 177.5 | 177.3  | 177.4 |
| 65°   | 173.6  | 174.0 | 173.6  | 173.4 | 173.2  | 173.5 |
| 65.5° | 169.6  | 169.7 | 169.6  | 169.3 | 169.1  | 169.3 |
| 66°   | 165.6  | 165.7 | 165.6  | 165.2 | 165.1  | 165.3 |

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997212

CATALOG NUMBER: SMX6SLSFSD2W-1200LM-3000K

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 270°  | 292.5° | 315°  | 337.5° | 360°  |
|-------|--------|-------|--------|-------|--------|-------|
| 67.5° | 153.2  | 153.4 | 153.2  | 153.0 | 152.8  | 153.4 |
| 68°   | 149.1  | 149.4 | 149.1  | 148.9 | 148.8  | 149.2 |
| 68.5° | 145.2  | 145.2 | 145.2  | 145.0 | 144.8  | 145.0 |
| 69°   | 140.9  | 141.0 | 140.9  | 140.5 | 140.6  | 140.9 |
| 69.5° | 136.8  | 136.9 | 136.8  | 136.5 | 136.4  | 136.7 |
| 70°   | 132.7  | 132.7 | 132.7  | 132.5 | 132.5  | 132.7 |
| 70.5° | 128.7  | 128.6 | 128.7  | 128.3 | 128.1  | 128.4 |
| 71°   | 124.4  | 124.4 | 124.4  | 124.2 | 124.1  | 124.3 |
| 71.5° | 120.3  | 120.1 | 120.3  | 120.0 | 119.8  | 120.0 |
| 72°   | 116.0  | 116.0 | 116.0  | 115.7 | 115.7  | 115.8 |
| 72.5° | 112.0  | 111.9 | 112.0  | 111.6 | 111.6  | 111.7 |
| 73°   | 107.8  | 107.8 | 107.8  | 107.4 | 107.4  | 107.3 |
| 73.5° | 103.5  | 103.6 | 103.5  | 103.3 | 103.2  | 103.4 |
| 74°   | 99.3   | 99.5  | 99.3   | 99.3  | 99.3   | 99.4  |
| 74.5° | 95.3   | 95.3  | 95.3   | 95.1  | 95.2   | 95.2  |
| 75°   | 91.2   | 91.1  | 91.2   | 91.0  | 91.0   | 91.0  |
| 75.5° | 87.1   | 87.1  | 87.1   | 86.8  | 86.8   | 86.9  |
| 76°   | 82.8   | 82.9  | 82.8   | 82.8  | 82.7   | 82.8  |
| 76.5° | 78.9   | 78.8  | 78.9   | 78.7  | 78.5   | 78.7  |
| 77°   | 74.9   | 74.9  | 74.9   | 74.7  | 74.6   | 74.6  |
| 77.5° | 71.0   | 70.9  | 71.0   | 70.7  | 70.6   | 70.7  |
| 78°   | 67.1   | 67.1  | 67.1   | 66.8  | 66.7   | 66.8  |
| 78.5° | 63.2   | 63.2  | 63.2   | 62.9  | 62.9   | 63.0  |
| 79°   | 59.2   | 59.3  | 59.2   | 59.1  | 59.1   | 59.2  |
| 79.5° | 55.4   | 55.4  | 55.4   | 55.2  | 55.1   | 55.2  |
| 80°   | 51.5   | 51.5  | 51.5   | 51.3  | 51.3   | 51.4  |
| 80.5° | 47.8   | 47.8  | 47.8   | 47.5  | 47.5   | 47.6  |
| 81°   | 44.1   | 44.0  | 44.1   | 43.9  | 43.8   | 43.9  |
| 81.5° | 40.4   | 40.4  | 40.4   | 40.2  | 40.1   | 40.2  |
| 82°   | 36.8   | 36.9  | 36.8   | 36.6  | 36.5   | 36.5  |
| 82.5° | 33.4   | 33.6  | 33.4   | 33.2  | 33.0   | 33.0  |
| 83°   | 30.1   | 30.3  | 30.1   | 29.8  | 29.8   | 29.7  |
| 83.5° | 26.9   | 27.1  | 26.9   | 26.6  | 26.5   | 26.5  |
| 84°   | 23.8   | 23.9  | 23.8   | 23.6  | 23.4   | 23.5  |
| 84.5° | 20.8   | 21.0  | 20.8   | 20.6  | 20.6   | 20.6  |
| 85°   | 18.1   | 18.3  | 18.1   | 17.7  | 17.7   | 17.7  |
| 85.5° | 15.4   | 15.7  | 15.4   | 15.2  | 15.0   | 15.0  |
| 86°   | 12.9   | 13.2  | 12.9   | 12.7  | 12.5   | 12.5  |
| 86.5° | 10.6   | 10.9  | 10.6   | 10.4  | 10.2   | 10.1  |
| 87°   | 8.5    | 8.8   | 8.5    | 8.3   | 8.1    | 8.0   |
| 87.5° | 6.7    | 7.0   | 6.7    | 6.5   | 6.2    | 6.1   |
| 88°   | 5.0    | 5.4   | 5.0    | 4.8   | 4.5    | 4.5   |
| 88.5° | 3.6    | 4.0   | 3.6    | 3.4   | 3.1    | 3.1   |

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



TEST NUMBER: P997212  
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**CANDELA DISTRIBUTION (continued):**

|     | 247.5° | 270° | 292.5° | 315° | 337.5° | 360° |
|-----|--------|------|--------|------|--------|------|
| 90° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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|       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 21.5° | 432.8 | 431.7 | 431.8 | 432.5 | 432.8 | 432.5 | 431.8 | 431.7 | 432.8 | 431.7 | 431.8 |
| 22°   | 431.0 | 429.9 | 430.7 | 431.4 | 430.8 | 431.4 | 430.7 | 429.9 | 431.0 | 429.9 | 430.7 |



|       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 44°   | 324.1 | 323.4 | 323.8 | 324.5 | 324.2 | 324.5 | 323.8 | 323.4 | 324.1 | 323.4 | 323.8 |
| 44.5° | 320.6 | 320.3 | 320.6 | 321.2 | 321.3 | 321.2 | 320.6 | 320.3 | 320.6 | 320.3 | 320.6 |



|       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 66.5° | 161.3 | 160.9 | 161.1 | 161.5 | 161.6 | 161.5 | 161.1 | 160.9 | 161.3 | 160.9 | 161.1 |
| 67°   | 157.3 | 156.9 | 157.0 | 157.2 | 157.6 | 157.2 | 157.0 | 156.9 | 157.3 | 156.9 | 157.0 |

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|       |     |     |     |     |     |     |     |     |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 89°   | 1.8 | 2.0 | 2.3 | 2.4 | 2.9 | 2.4 | 2.3 | 2.0 | 1.8 | 2.0 | 2.3 |
| 89.5° | 0.9 | 1.1 | 1.4 | 1.6 | 1.9 | 1.6 | 1.4 | 1.1 | 0.9 | 1.1 | 1.4 |

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|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 21.5° | 432.5 | 432.8 | 432.5 | 431.8 | 431.7 | 432.8 |
| 22°   | 431.4 | 430.8 | 431.4 | 430.7 | 429.9 | 431.0 |

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|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 44°   | 324.5 | 324.2 | 324.5 | 323.8 | 323.4 | 324.1 |
| 44.5° | 321.2 | 321.3 | 321.2 | 320.6 | 320.3 | 320.6 |

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|       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| 66.5° | 161.5 | 161.6 | 161.5 | 161.1 | 160.9 | 161.3 |
| 67°   | 157.2 | 157.6 | 157.2 | 157.0 | 156.9 | 157.3 |

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Scaled Data Report



|       |     |     |     |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|
| 89°   | 2.4 | 2.9 | 2.4 | 2.3 | 2.0 | 1.8 |
| 89.5° | 1.6 | 1.9 | 1.6 | 1.4 | 1.1 | 0.9 |

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(END OF REPORT)