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

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: McGRAW-EDISON

Report Number: P1390202

Luminaire Tested: **GSS-SA5D-935-U-RBC**

Issue Date: 02/18/2026

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1390202 |
| Test Lab: | INNOVATION CENTER(G3) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SA5D-935-U-RBC |
| Description: | GALLEON SLIM SITE LUMINAIRE 1200mA 5xLight Square PACKAGE 90CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL |
| Light Source: | (70) 3500K CCT, 90 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

Luminaire Equipment:

| Sample No. | Condition | Description |
|---|---|---|
| a | good | reflector |
| b | good | lens |
| c | good | housing |
| d | good | cord |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 17216.8 lumens |
| Efficiency: | N/A |
| Efficacy: | 63.8 lumens/watt |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B0 - U0 - G3 |

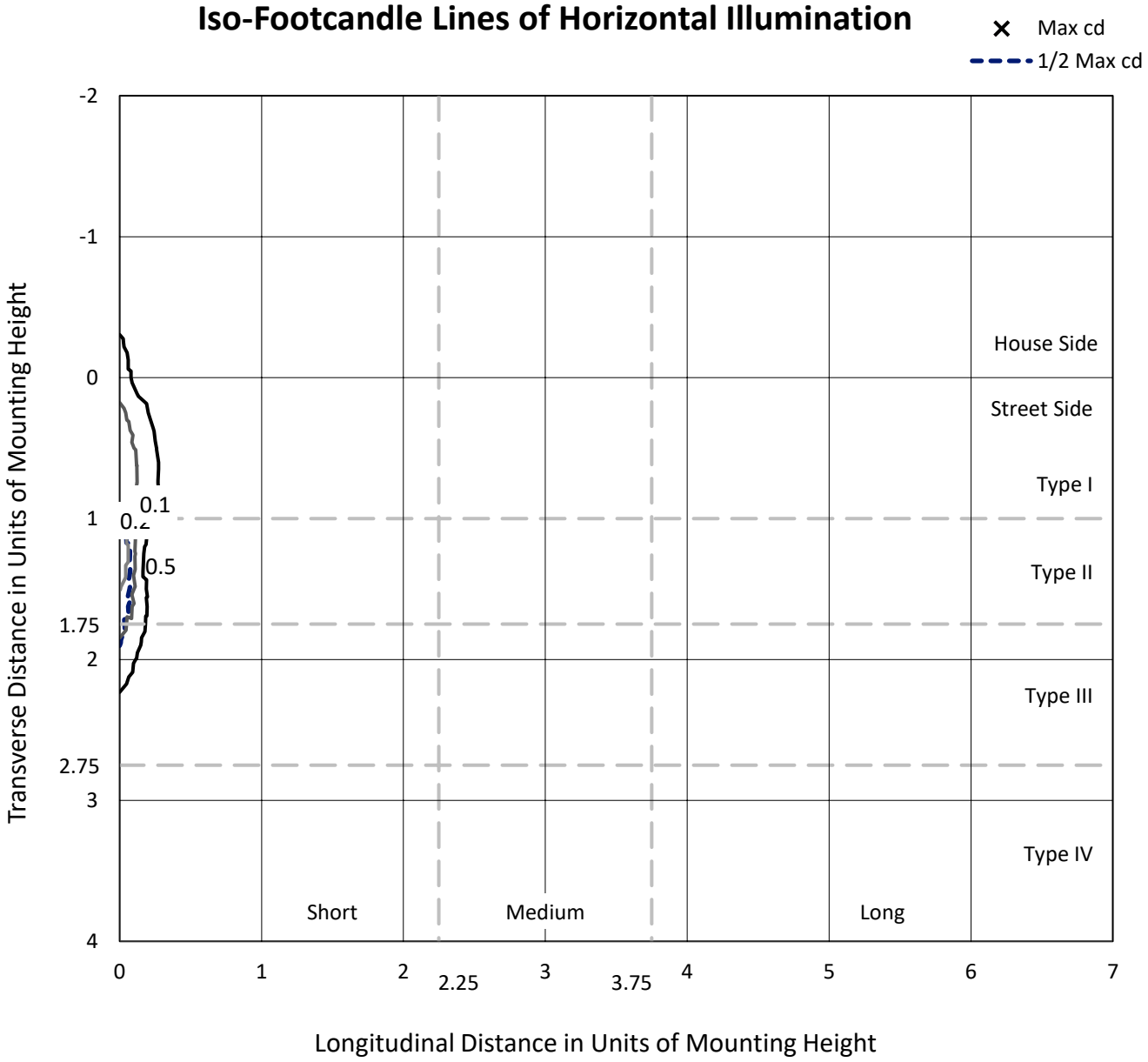
| | |
|---|---|
| Input Watts (W): | 269.7 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.97 |
| Total Harmonic Distortion (THDi): | NR |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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## Iso-Footcandle Lines of Horizontal Illumination



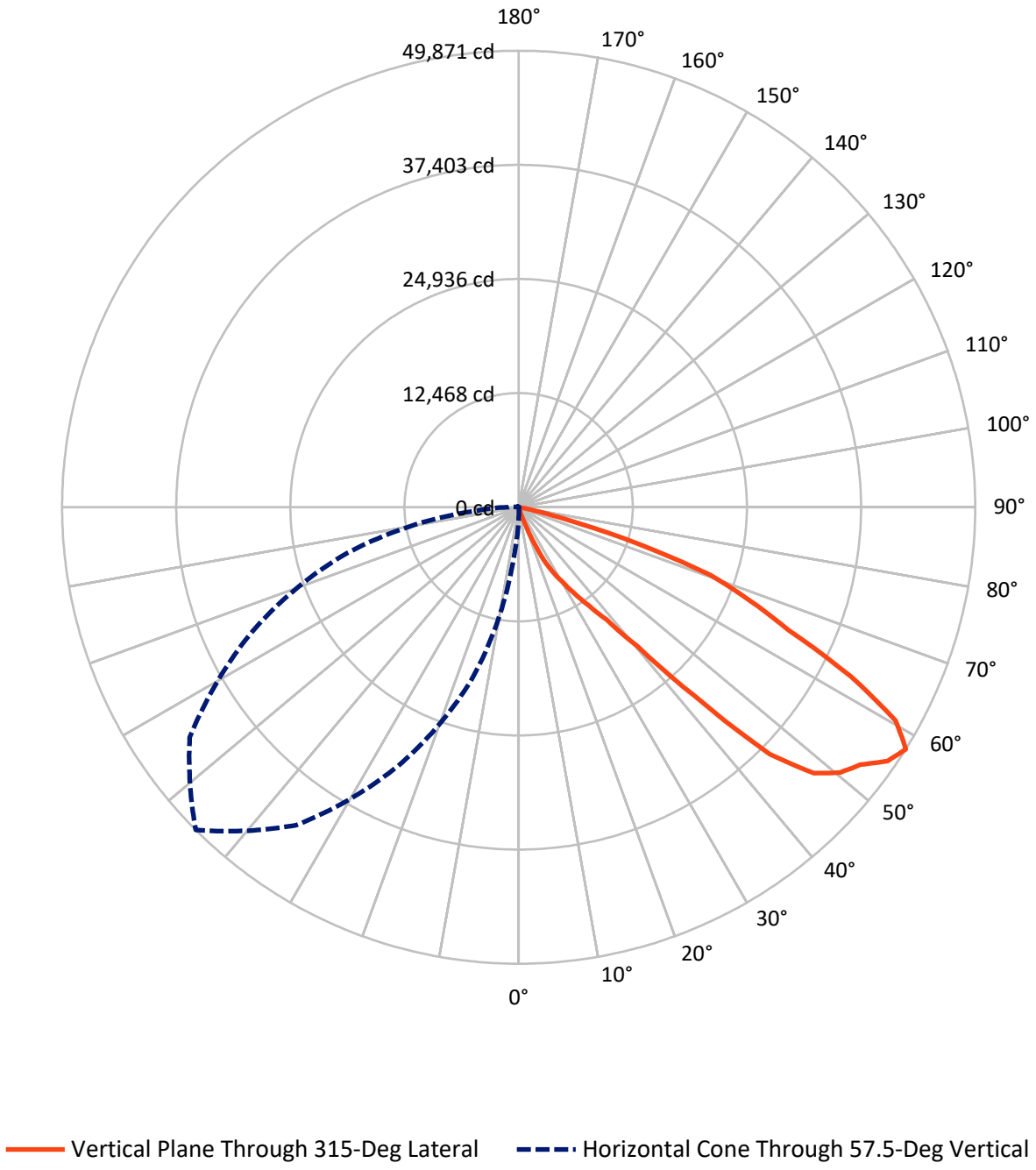

Based on 20 foot mounting height. Maximum calculated value = 0.9 fc
Type III - Short - N/A

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## Luminous Intensity Polar Plot



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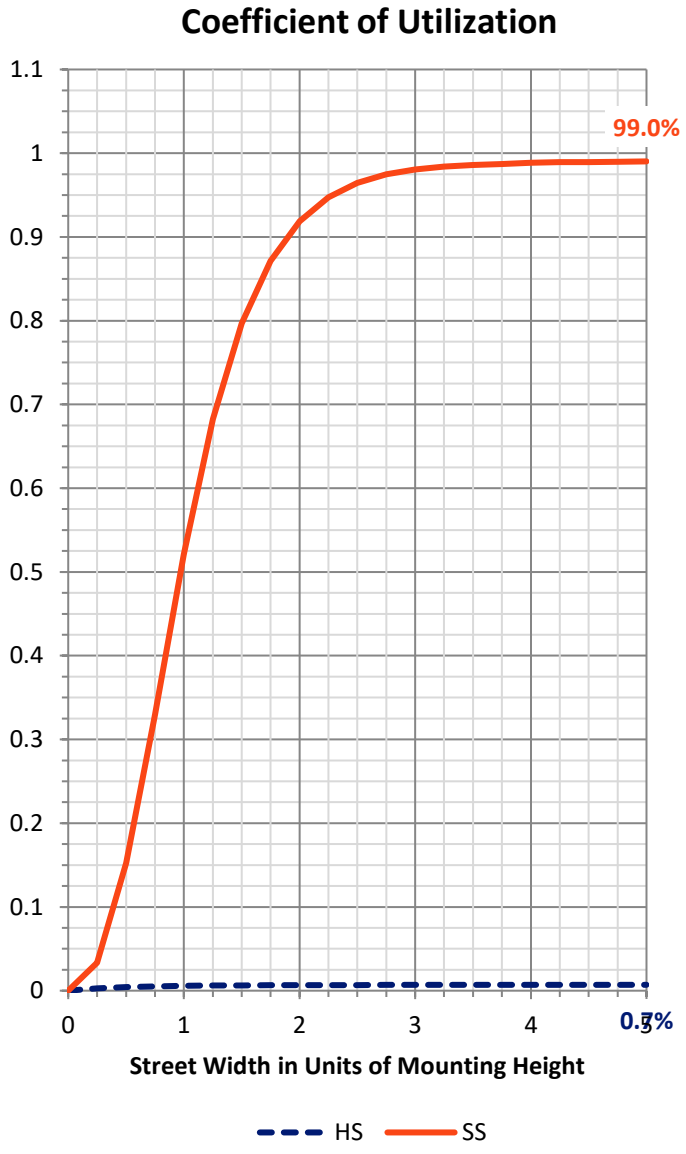
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**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 122.9 | 0.0 | 122.9 |
| | % Fixture | 0.7 | 0.0 | 0.7 |
| **Street Side** | Lumens | 17093.9 | 0.0 | 17093.9 |
| | % Fixture | 99.3 | 0.0 | 99.3 |
| **Total** | Lumens | 17216.8 | 0.0 | 17216.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 6.0 | 0.0 |
| 10°-20° | 29.0 | 0.2 |
| 20°-30° | 372.7 | 2.2 |
| 30°-40° | 1161.9 | 6.7 |
| 40°-50° | 3795.0 | 22.0 |
| 50°-60° | 6091.2 | 35.4 |
| 60°-70° | 4677.0 | 27.2 |
| 70°-80° | 1065.1 | 6.2 |
| 80°-90° | 19.0 | 0.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 17216.8 | 100.0 |
| 0°-180° | 17216.8 | 100.0 |



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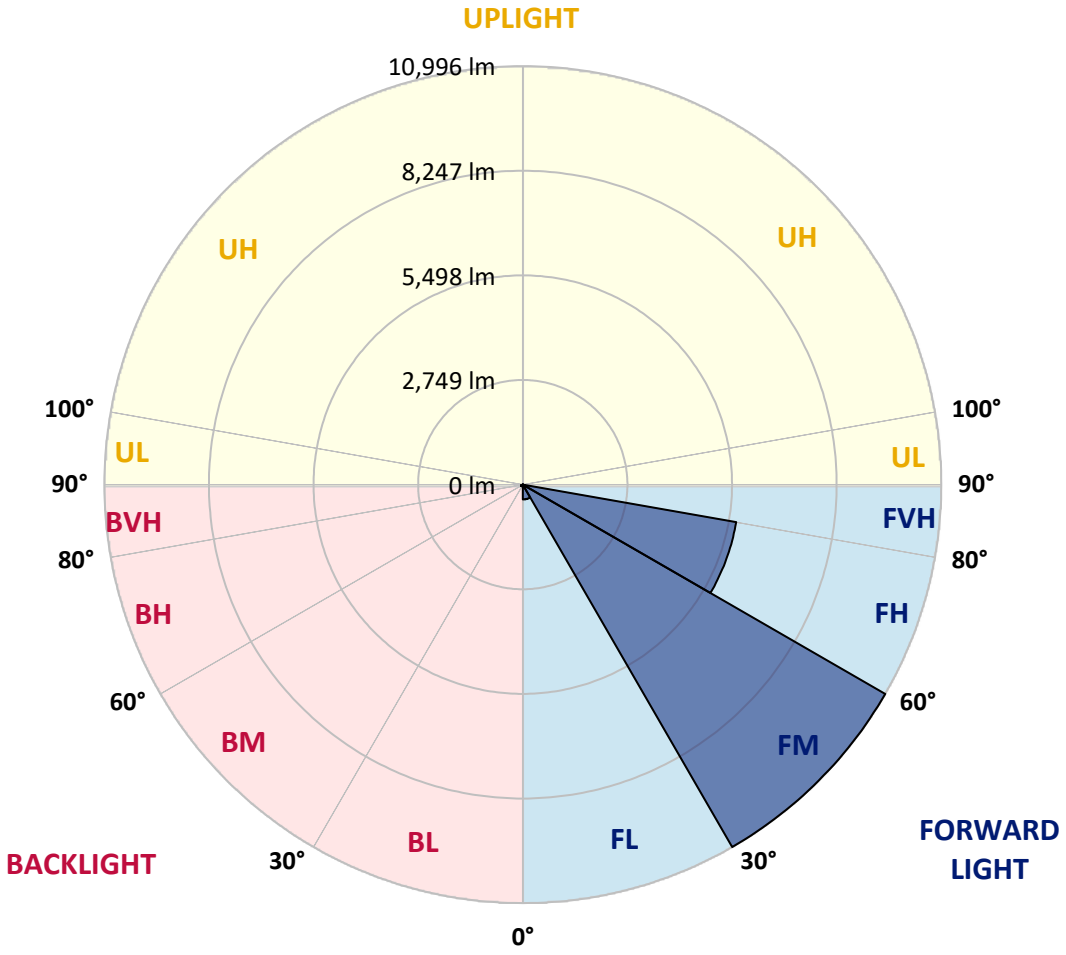
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## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 390.0 | 2.3 | | | |
| FM | (30°-60°) | 10996.4 | 63.9 | | | |
| FH | (60°-80°) | 5694.1 | 33.1 | | | G3/7500 |
| FVH | (80°-90°) | 13.5 | 0.1 | | | G1/100 |
| BL | (0°-30°) | 17.7 | 0.1 | B0/110 | | |
| BM | (30°-60°) | 51.8 | 0.3 | B0/220 | | |
| BH | (60°-80°) | 47.9 | 0.3 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 5.5 | 0.0 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

**BUG Rating: B0-U0-G3**
Type III Short



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**CANDELA DISTRIBUTION (FULL):**

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| 5° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 58.3 | 58.3 | 58.3 | 58.3 | 53.0 | 53.0 |
| 7.5° | 74.1 | 74.1 | 68.8 | 68.8 | 68.8 | 63.6 | 63.6 | 63.6 | 63.6 | 58.3 | 58.3 |
| 10° | 84.7 | 84.7 | 79.4 | 79.4 | 74.1 | 74.1 | 68.8 | 68.8 | 63.6 | 63.6 | 58.3 |
| 12.5° | 95.3 | 95.3 | 90.0 | 84.7 | 84.7 | 79.4 | 74.1 | 68.8 | 68.8 | 63.6 | 58.3 |
| 15° | 105.9 | 100.6 | 95.3 | 90.0 | 90.0 | 84.7 | 79.4 | 74.1 | 74.1 | 68.8 | 63.6 |
| 17.5° | 116.5 | 111.2 | 105.9 | 100.6 | 95.3 | 84.7 | 79.4 | 74.1 | 74.1 | 68.8 | 63.6 |
| 20° | 127.1 | 116.5 | 105.9 | 100.6 | 95.3 | 84.7 | 79.4 | 74.1 | 74.1 | 68.8 | 63.6 |
| 22.5° | 143.0 | 132.4 | 116.5 | 111.2 | 100.6 | 95.3 | 84.7 | 79.4 | 74.1 | 68.8 | 63.6 |
| 25° | 164.2 | 143.0 | 127.1 | 116.5 | 105.9 | 95.3 | 84.7 | 79.4 | 74.1 | 68.8 | 63.6 |
| 27.5° | 201.2 | 169.5 | 143.0 | 132.4 | 116.5 | 105.9 | 90.0 | 84.7 | 79.4 | 74.1 | 68.8 |
| 30° | 270.1 | 211.8 | 153.6 | 137.7 | 127.1 | 111.2 | 95.3 | 90.0 | 79.4 | 74.1 | 63.6 |
| 32.5° | 333.6 | 259.5 | 185.4 | 164.2 | 143.0 | 116.5 | 95.3 | 90.0 | 79.4 | 74.1 | 63.6 |
| 35° | 333.6 | 264.8 | 195.9 | 169.5 | 148.3 | 121.8 | 95.3 | 90.0 | 79.4 | 74.1 | 63.6 |
| 37.5° | 328.3 | 259.5 | 190.7 | 169.5 | 148.3 | 121.8 | 100.6 | 90.0 | 84.7 | 74.1 | 63.6 |
| 40° | 344.2 | 254.2 | 169.5 | 153.6 | 137.7 | 116.5 | 100.6 | 90.0 | 84.7 | 74.1 | 63.6 |
| 42.5° | 376.0 | 270.1 | 164.2 | 148.3 | 137.7 | 121.8 | 105.9 | 95.3 | 84.7 | 74.1 | 63.6 |
| 45° | 471.3 | 317.8 | 169.5 | 153.6 | 137.7 | 116.5 | 100.6 | 95.3 | 84.7 | 79.4 | 68.8 |
| 47.5° | 852.6 | 513.7 | 174.8 | 153.6 | 137.7 | 116.5 | 95.3 | 90.0 | 84.7 | 74.1 | 68.8 |
| 50° | 1334.6 | 757.3 | 180.1 | 158.9 | 137.7 | 116.5 | 95.3 | 90.0 | 84.7 | 79.4 | 74.1 |
| 52.5° | 1451.1 | 826.2 | 201.2 | 174.8 | 148.3 | 121.8 | 95.3 | 90.0 | 84.7 | 79.4 | 74.1 |
| 55° | 1308.1 | 767.9 | 233.0 | 201.2 | 164.2 | 132.4 | 95.3 | 90.0 | 84.7 | 79.4 | 74.1 |
| 57.5° | *1106.8* | *683.2* | *259.5* | *222.4* | *180.1* | *143.0* | *100.6* | *95.3* | *90.0* | *84.7* | *79.4* |
| 60° | 831.5 | 566.7 | 301.9 | 254.2 | 211.8 | 164.2 | 116.5 | 111.2 | 105.9 | 95.3 | 90.0 |
| 62.5° | 677.9 | 503.1 | 333.6 | 286.0 | 233.0 | 185.4 | 132.4 | 127.1 | 121.8 | 111.2 | 105.9 |
| 65° | 598.4 | 476.6 | 354.8 | 301.9 | 248.9 | 190.7 | 137.7 | 132.4 | 127.1 | 121.8 | 116.5 |
| 67.5° | 556.1 | 460.7 | 370.7 | 312.5 | 259.5 | 201.2 | 143.0 | 137.7 | 132.4 | 127.1 | 121.8 |
| 70° | 534.9 | 450.1 | 365.4 | 312.5 | 259.5 | 206.5 | 153.6 | 148.3 | 137.7 | 132.4 | 121.8 |
| 72.5° | 497.8 | 429.0 | 360.1 | 317.8 | 270.1 | 227.7 | 180.1 | 164.2 | 148.3 | 127.1 | 111.2 |
| 75° | 444.9 | 381.3 | 317.8 | 291.3 | 264.8 | 233.0 | 206.5 | 180.1 | 153.6 | 121.8 | 95.3 |
| 77.5° | 323.0 | 296.6 | 270.1 | 254.2 | 238.3 | 217.1 | 201.2 | 174.8 | 148.3 | 116.5 | 90.0 |
| 80° | 127.1 | 143.0 | 153.6 | 153.6 | 158.9 | 158.9 | 158.9 | 137.7 | 116.5 | 95.3 | 74.1 |
| 82.5° | 37.1 | 37.1 | 37.1 | 42.4 | 47.7 | 53.0 | 58.3 | 53.0 | 53.0 | 47.7 | 42.4 |
| 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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):**

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 53.0 | 53.0 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 5° | 53.0 | 53.0 | 47.7 | 47.7 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 7.5° | 58.3 | 53.0 | 53.0 | 47.7 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 10° | 58.3 | 53.0 | 53.0 | 47.7 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 42.4 | 37.1 |
| 12.5° | 58.3 | 58.3 | 53.0 | 53.0 | 53.0 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 37.1 |
| 15° | 58.3 | 58.3 | 53.0 | 47.7 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 42.4 | 37.1 |
| 17.5° | 58.3 | 58.3 | 53.0 | 47.7 | 47.7 | 42.4 | 42.4 | 37.1 | 37.1 | 37.1 | 31.8 |
| 20° | 58.3 | 58.3 | 53.0 | 47.7 | 47.7 | 42.4 | 42.4 | 37.1 | 37.1 | 37.1 | 31.8 |
| 22.5° | 58.3 | 58.3 | 53.0 | 47.7 | 47.7 | 42.4 | 42.4 | 37.1 | 37.1 | 31.8 | 31.8 |
| 25° | 58.3 | 58.3 | 53.0 | 47.7 | 42.4 | 42.4 | 37.1 | 31.8 | 31.8 | 26.5 | 26.5 |
| 27.5° | 63.6 | 58.3 | 53.0 | 47.7 | 42.4 | 42.4 | 37.1 | 31.8 | 26.5 | 26.5 | 21.2 |
| 30° | 58.3 | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 26.5 | 21.2 | 21.2 | 15.9 |
| 32.5° | 58.3 | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 26.5 | 21.2 | 21.2 | 15.9 |
| 35° | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 26.5 | 21.2 | 15.9 | 15.9 | 10.6 |
| 37.5° | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 26.5 | 21.2 | 15.9 | 10.6 | 5.3 |
| 40° | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 21.2 | 15.9 | 10.6 | 10.6 | 5.3 |
| 42.5° | 58.3 | 53.0 | 47.7 | 42.4 | 37.1 | 31.8 | 26.5 | 21.2 | 15.9 | 10.6 | 5.3 |
| 45° | 63.6 | 58.3 | 47.7 | 42.4 | 37.1 | 37.1 | 31.8 | 26.5 | 21.2 | 15.9 | 5.3 |
| 47.5° | 63.6 | 53.0 | 47.7 | 37.1 | 37.1 | 37.1 | 31.8 | 31.8 | 26.5 | 15.9 | 10.6 |
| 50° | 68.8 | 58.3 | 53.0 | 42.4 | 37.1 | 37.1 | 31.8 | 26.5 | 21.2 | 15.9 | 5.3 |
| 52.5° | 68.8 | 63.6 | 53.0 | 47.7 | 42.4 | 31.8 | 26.5 | 15.9 | 10.6 | 10.6 | 5.3 |
| 55° | 68.8 | 68.8 | 63.6 | 58.3 | 47.7 | 37.1 | 21.2 | 10.6 | 10.6 | 5.3 | 5.3 |
| 57.5° | *74.1* | *74.1* | *68.8* | *63.6* | *47.7* | *31.8* | *15.9* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 84.7 | 79.4 | 74.1 | 68.8 | 53.0 | 37.1 | 15.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 95.3 | 84.7 | 74.1 | 63.6 | 47.7 | 31.8 | 15.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 100.6 | 84.7 | 68.8 | 53.0 | 42.4 | 26.5 | 15.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 105.9 | 84.7 | 68.8 | 47.7 | 37.1 | 26.5 | 10.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 100.6 | 79.4 | 58.3 | 37.1 | 26.5 | 21.2 | 10.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 90.0 | 74.1 | 53.0 | 31.8 | 26.5 | 15.9 | 10.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 79.4 | 63.6 | 42.4 | 26.5 | 21.2 | 15.9 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 74.1 | 53.0 | 37.1 | 15.9 | 10.6 | 10.6 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 58.3 | 42.4 | 21.2 | 5.3 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 31.8 | 21.2 | 10.6 | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 47.7 | 47.7 | 47.7 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 5° | 42.4 | 42.4 | 42.4 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 |
| 7.5° | 42.4 | 42.4 | 42.4 | 37.1 | 37.1 | 37.1 | 37.1 | 31.8 | 31.8 | 31.8 | 31.8 |
| 10° | 37.1 | 37.1 | 37.1 | 31.8 | 31.8 | 31.8 | 31.8 | 26.5 | 26.5 | 26.5 | 26.5 |
| 12.5° | 37.1 | 37.1 | 37.1 | 31.8 | 31.8 | 31.8 | 31.8 | 26.5 | 26.5 | 26.5 | 26.5 |
| 15° | 37.1 | 37.1 | 37.1 | 31.8 | 31.8 | 31.8 | 26.5 | 26.5 | 21.2 | 21.2 | 21.2 |
| 17.5° | 31.8 | 31.8 | 31.8 | 26.5 | 26.5 | 26.5 | 26.5 | 21.2 | 21.2 | 21.2 | 15.9 |
| 20° | 31.8 | 31.8 | 31.8 | 26.5 | 26.5 | 21.2 | 21.2 | 15.9 | 10.6 | 10.6 | 10.6 |
| 22.5° | 26.5 | 26.5 | 21.2 | 21.2 | 15.9 | 15.9 | 10.6 | 10.6 | 5.3 | 5.3 | 5.3 |
| 25° | 21.2 | 21.2 | 15.9 | 15.9 | 10.6 | 10.6 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 |
| 27.5° | 15.9 | 10.6 | 10.6 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 10.6 | 10.6 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 10.6 | 10.6 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 5.3 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 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 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 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 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *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 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 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 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 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 |
| 82.5° | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 42.4 | 42.4 | 42.4 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 |
| 5° | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| 7.5° | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 21.2 | 21.2 | 21.2 |
| 10° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 15.9 | 15.9 | 15.9 |
| 12.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 15.9 | 15.9 | 15.9 | 10.6 | 10.6 | 10.6 |
| 15° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 10.6 | 10.6 | 10.6 | 5.3 | 5.3 | 5.3 |
| 17.5° | 15.9 | 10.6 | 10.6 | 10.6 | 10.6 | 5.3 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 |
| 20° | 5.3 | 5.3 | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 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 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 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 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 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 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *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 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 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 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 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 |
| 82.5° | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 |
| 5° | 31.8 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 |
| 7.5° | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| 10° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 12.5° | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 5.3 | 5.3 |
| 15° | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 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 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 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 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 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 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 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 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *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 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 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 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 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 |
| 82.5° | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 37.1 | 42.4 | 42.4 | 42.4 | 42.4 | 47.7 | 47.7 | 47.7 | 53.0 | 53.0 | 58.3 |
| 5° | 26.5 | 31.8 | 31.8 | 31.8 | 31.8 | 37.1 | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 |
| 7.5° | 21.2 | 26.5 | 26.5 | 26.5 | 26.5 | 31.8 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 |
| 10° | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 |
| 12.5° | 5.3 | 10.6 | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 21.2 | 26.5 | 26.5 |
| 15° | 0.0 | 5.3 | 5.3 | 5.3 | 5.3 | 10.6 | 10.6 | 10.6 | 15.9 | 21.2 | 21.2 |
| 17.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 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 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 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 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 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 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *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 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 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 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 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 |
| 82.5° | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 74.1 | 74.1 | 79.4 | 79.4 | 79.4 | 84.7 |
| 5° | 47.7 | 53.0 | 58.3 | 58.3 | 63.6 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 | 79.4 |
| 7.5° | 42.4 | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 68.8 | 74.1 |
| 10° | 37.1 | 42.4 | 47.7 | 47.7 | 53.0 | 58.3 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 |
| 12.5° | 31.8 | 37.1 | 42.4 | 42.4 | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 |
| 15° | 26.5 | 31.8 | 37.1 | 37.1 | 42.4 | 47.7 | 53.0 | 58.3 | 58.3 | 63.6 | 63.6 |
| 17.5° | 15.9 | 21.2 | 26.5 | 31.8 | 37.1 | 42.4 | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 |
| 20° | 10.6 | 15.9 | 21.2 | 26.5 | 31.8 | 37.1 | 37.1 | 42.4 | 47.7 | 53.0 | 53.0 |
| 22.5° | 5.3 | 10.6 | 15.9 | 15.9 | 21.2 | 26.5 | 31.8 | 37.1 | 37.1 | 42.4 | 47.7 |
| 25° | 0.0 | 5.3 | 10.6 | 10.6 | 15.9 | 21.2 | 21.2 | 26.5 | 31.8 | 37.1 | 37.1 |
| 27.5° | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 |
| 30° | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 | 21.2 | 21.2 | 26.5 | 31.8 |
| 32.5° | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 | 15.9 | 21.2 | 21.2 | 26.5 | 26.5 |
| 35° | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 | 21.2 | 21.2 |
| 37.5° | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 | 21.2 | 21.2 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 10.6 | 15.9 | 15.9 | 15.9 | 21.2 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 15.9 | 15.9 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 10.6 | 15.9 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 10.6 | 15.9 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *5.3* | *5.3* | *5.3* | *10.6* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 10.6 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 5.3 | 5.3 | 10.6 | 10.6 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 10.6 | 15.9 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 | 10.6 | 15.9 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 5.3 | 10.6 | 10.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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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Scaled Data Report

REPORT NUMBER: P1390202
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**CANDELA DISTRIBUTION (continued):**

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 79.4 | 79.4 | 79.4 |
| 5° | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 74.1 | 74.1 | 74.1 |
| 7.5° | 74.1 | 74.1 | 74.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 74.1 | 74.1 | 74.1 |
| 10° | 74.1 | 74.1 | 74.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 74.1 | 74.1 | 74.1 |
| 12.5° | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 15° | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 17.5° | 63.6 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 20° | 58.3 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 | 74.1 |
| 22.5° | 47.7 | 53.0 | 58.3 | 58.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 25° | 42.4 | 42.4 | 47.7 | 53.0 | 53.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| 27.5° | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 | 47.7 | 47.7 | 53.0 | 53.0 | 53.0 | 53.0 |
| 30° | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 42.4 | 47.7 | 47.7 | 53.0 | 53.0 | 53.0 |
| 32.5° | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 42.4 | 47.7 | 47.7 | 47.7 | 47.7 |
| 35° | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 | 47.7 | 47.7 |
| 37.5° | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 37.1 | 42.4 | 42.4 | 42.4 | 47.7 |
| 40° | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 |
| 42.5° | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 |
| 45° | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 | 42.4 | 47.7 |
| 47.5° | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 31.8 | 37.1 | 37.1 | 37.1 | 42.4 |
| 50° | 21.2 | 21.2 | 21.2 | 26.5 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 | 37.1 | 42.4 |
| 52.5° | 15.9 | 15.9 | 15.9 | 21.2 | 21.2 | 21.2 | 26.5 | 26.5 | 31.8 | 31.8 | 37.1 |
| 55° | 15.9 | 15.9 | 15.9 | 21.2 | 21.2 | 21.2 | 21.2 | 26.5 | 26.5 | 26.5 | 31.8 |
| 57.5° | *10.6* | *10.6* | *10.6* | *15.9* | *15.9* | *15.9* | *15.9* | *21.2* | *21.2* | *21.2* | *26.5* |
| 60° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 62.5° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 65° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 67.5° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 70° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 72.5° | 10.6 | 10.6 | 10.6 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 21.2 |
| 75° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 77.5° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 80° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 82.5° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 85° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 87.5° | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 74.1 | 74.1 | 74.1 | 79.4 | 79.4 | 79.4 |
| 5° | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 7.5° | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 |
| 10° | 74.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 |
| 12.5° | 74.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 |
| 15° | 74.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 79.4 | 79.4 |
| 17.5° | 68.8 | 68.8 | 63.6 | 63.6 | 68.8 | 68.8 | 68.8 | 68.8 | 74.1 | 74.1 | 74.1 |
| 20° | 68.8 | 68.8 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 68.8 | 68.8 | 74.1 | 74.1 |
| 22.5° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 68.8 | 68.8 | 74.1 | 74.1 |
| 25° | 58.3 | 58.3 | 58.3 | 58.3 | 63.6 | 63.6 | 63.6 | 68.8 | 74.1 | 74.1 | 79.4 |
| 27.5° | 58.3 | 58.3 | 58.3 | 58.3 | 63.6 | 63.6 | 63.6 | 68.8 | 74.1 | 74.1 | 79.4 |
| 30° | 58.3 | 58.3 | 58.3 | 58.3 | 63.6 | 63.6 | 63.6 | 68.8 | 74.1 | 74.1 | 79.4 |
| 32.5° | 53.0 | 53.0 | 53.0 | 58.3 | 58.3 | 63.6 | 63.6 | 68.8 | 74.1 | 74.1 | 79.4 |
| 35° | 53.0 | 53.0 | 53.0 | 58.3 | 58.3 | 63.6 | 63.6 | 68.8 | 74.1 | 74.1 | 79.4 |
| 37.5° | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 74.1 | 79.4 | 79.4 | 84.7 |
| 40° | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 74.1 | 79.4 | 79.4 | 84.7 |
| 42.5° | 47.7 | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 74.1 | 79.4 | 84.7 | 90.0 |
| 45° | 53.0 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 74.1 | 79.4 | 84.7 | 90.0 |
| 47.5° | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 68.8 | 74.1 | 84.7 | 90.0 | 95.3 |
| 50° | 47.7 | 53.0 | 58.3 | 63.6 | 63.6 | 68.8 | 68.8 | 74.1 | 84.7 | 90.0 | 95.3 |
| 52.5° | 42.4 | 42.4 | 47.7 | 53.0 | 63.6 | 68.8 | 74.1 | 79.4 | 90.0 | 95.3 | 100.6 |
| 55° | 37.1 | 37.1 | 42.4 | 53.0 | 63.6 | 74.1 | 84.7 | 90.0 | 95.3 | 95.3 | 100.6 |
| 57.5° | *31.8* | *31.8* | *37.1* | *53.0* | *68.8* | *84.7* | *100.6* | *100.6* | *105.9* | *105.9* | *105.9* |
| 60° | 26.5 | 26.5 | 31.8 | 47.7 | 68.8 | 84.7 | 100.6 | 105.9 | 111.2 | 111.2 | 116.5 |
| 62.5° | 26.5 | 26.5 | 31.8 | 47.7 | 63.6 | 74.1 | 90.0 | 100.6 | 111.2 | 121.8 | 132.4 |
| 65° | 21.2 | 26.5 | 26.5 | 42.4 | 53.0 | 68.8 | 79.4 | 95.3 | 111.2 | 127.1 | 143.0 |
| 67.5° | 21.2 | 26.5 | 26.5 | 37.1 | 53.0 | 63.6 | 74.1 | 90.0 | 111.2 | 127.1 | 143.0 |
| 70° | 26.5 | 26.5 | 31.8 | 42.4 | 47.7 | 58.3 | 63.6 | 84.7 | 100.6 | 121.8 | 137.7 |
| 72.5° | 21.2 | 26.5 | 26.5 | 37.1 | 42.4 | 53.0 | 58.3 | 79.4 | 95.3 | 116.5 | 132.4 |
| 75° | 21.2 | 21.2 | 21.2 | 31.8 | 37.1 | 47.7 | 53.0 | 68.8 | 90.0 | 105.9 | 121.8 |
| 77.5° | 15.9 | 15.9 | 15.9 | 26.5 | 31.8 | 42.4 | 47.7 | 63.6 | 84.7 | 100.6 | 116.5 |
| 80° | 15.9 | 15.9 | 15.9 | 21.2 | 26.5 | 26.5 | 31.8 | 47.7 | 68.8 | 84.7 | 100.6 |
| 82.5° | 15.9 | 10.6 | 10.6 | 15.9 | 15.9 | 21.2 | 21.2 | 31.8 | 42.4 | 53.0 | 63.6 |
| 85° | 15.9 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 |
| 87.5° | 15.9 | 10.6 | 10.6 | 10.6 | 10.6 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
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**CANDELA DISTRIBUTION (continued):**

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 5° | 79.4 | 79.4 | 84.7 | 84.7 | 84.7 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 7.5° | 79.4 | 79.4 | 84.7 | 84.7 | 84.7 | 90.0 | 90.0 | 90.0 | 95.3 | 95.3 | 100.6 |
| 10° | 79.4 | 79.4 | 84.7 | 84.7 | 90.0 | 90.0 | 95.3 | 95.3 | 100.6 | 100.6 | 105.9 |
| 12.5° | 79.4 | 84.7 | 84.7 | 90.0 | 95.3 | 100.6 | 100.6 | 105.9 | 111.2 | 111.2 | 116.5 |
| 15° | 84.7 | 84.7 | 90.0 | 90.0 | 95.3 | 100.6 | 105.9 | 111.2 | 116.5 | 121.8 | 127.1 |
| 17.5° | 79.4 | 84.7 | 90.0 | 95.3 | 100.6 | 105.9 | 111.2 | 116.5 | 127.1 | 132.4 | 143.0 |
| 20° | 79.4 | 84.7 | 90.0 | 95.3 | 100.6 | 111.2 | 116.5 | 121.8 | 132.4 | 143.0 | 158.9 |
| 22.5° | 79.4 | 84.7 | 90.0 | 95.3 | 105.9 | 116.5 | 121.8 | 132.4 | 148.3 | 158.9 | 180.1 |
| 25° | 84.7 | 90.0 | 95.3 | 100.6 | 111.2 | 121.8 | 132.4 | 143.0 | 164.2 | 180.1 | 227.7 |
| 27.5° | 84.7 | 95.3 | 100.6 | 105.9 | 116.5 | 132.4 | 143.0 | 153.6 | 185.4 | 211.8 | 317.8 |
| 30° | 84.7 | 95.3 | 100.6 | 105.9 | 121.8 | 137.7 | 153.6 | 169.5 | 222.4 | 270.1 | 450.1 |
| 32.5° | 84.7 | 95.3 | 100.6 | 105.9 | 127.1 | 153.6 | 174.8 | 195.9 | 264.8 | 333.6 | 545.5 |
| 35° | 90.0 | 95.3 | 105.9 | 111.2 | 137.7 | 164.2 | 185.4 | 211.8 | 275.4 | 338.9 | 593.1 |
| 37.5° | 95.3 | 100.6 | 111.2 | 116.5 | 137.7 | 158.9 | 180.1 | 201.2 | 270.1 | 333.6 | 651.4 |
| 40° | 95.3 | 105.9 | 111.2 | 121.8 | 137.7 | 158.9 | 174.8 | 190.7 | 264.8 | 338.9 | 752.0 |
| 42.5° | 100.6 | 111.2 | 116.5 | 127.1 | 143.0 | 158.9 | 169.5 | 185.4 | 280.7 | 376.0 | 979.7 |
| 45° | 100.6 | 105.9 | 116.5 | 121.8 | 137.7 | 153.6 | 169.5 | 185.4 | 354.8 | 519.0 | 1557.0 |
| 47.5° | 100.6 | 105.9 | 111.2 | 116.5 | 137.7 | 158.9 | 174.8 | 195.9 | 524.3 | 852.6 | 2573.8 |
| 50° | 100.6 | 105.9 | 105.9 | 111.2 | 132.4 | 158.9 | 180.1 | 201.2 | 683.2 | 1159.8 | 3712.4 |
| 52.5° | 105.9 | 111.2 | 111.2 | 116.5 | 143.0 | 169.5 | 195.9 | 222.4 | 783.8 | 1345.2 | 4030.2 |
| 55° | 105.9 | 111.2 | 111.2 | 116.5 | 158.9 | 201.2 | 238.3 | 280.7 | 826.2 | 1366.3 | 3701.8 |
| 57.5° | *111.2* | *116.5* | *121.8* | *127.1* | *169.5* | *217.1* | *259.5* | *301.9* | *789.1* | *1276.3* | *3034.5* |
| 60° | 127.1 | 132.4 | 143.0 | 148.3 | 195.9 | 243.6 | 286.0 | 333.6 | 630.2 | 926.8 | 2388.4 |
| 62.5° | 143.0 | 148.3 | 158.9 | 164.2 | 211.8 | 259.5 | 307.2 | 354.8 | 556.1 | 752.0 | 1779.4 |
| 65° | 148.3 | 158.9 | 164.2 | 169.5 | 217.1 | 270.1 | 317.8 | 365.4 | 508.4 | 646.1 | 1318.7 |
| 67.5° | 153.6 | 164.2 | 169.5 | 180.1 | 227.7 | 275.4 | 323.0 | 370.7 | 481.9 | 587.8 | 979.7 |
| 70° | 153.6 | 164.2 | 180.1 | 190.7 | 233.0 | 275.4 | 312.5 | 354.8 | 444.9 | 529.6 | 752.0 |
| 72.5° | 153.6 | 174.8 | 195.9 | 217.1 | 248.9 | 280.7 | 307.2 | 338.9 | 407.8 | 471.3 | 582.5 |
| 75° | 153.6 | 185.4 | 211.8 | 243.6 | 259.5 | 275.4 | 291.3 | 307.2 | 354.8 | 397.2 | 460.7 |
| 77.5° | 148.3 | 174.8 | 206.5 | 233.0 | 238.3 | 243.6 | 248.9 | 254.2 | 254.2 | 254.2 | 254.2 |
| 80° | 121.8 | 148.3 | 169.5 | 190.7 | 180.1 | 164.2 | 153.6 | 137.7 | 127.1 | 116.5 | 127.1 |
| 82.5° | 63.6 | 68.8 | 68.8 | 68.8 | 63.6 | 63.6 | 58.3 | 53.0 | 53.0 | 47.7 | 47.7 |
| 85° | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| 87.5° | 5.3 | 5.3 | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| 5° | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 84.7 | 84.7 | 84.7 | 84.7 |
| 7.5° | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 |
| 10° | 105.9 | 111.2 | 111.2 | 116.5 | 116.5 | 116.5 | 121.8 | 121.8 | 121.8 | 121.8 | 121.8 |
| 12.5° | 121.8 | 127.1 | 127.1 | 132.4 | 132.4 | 137.7 | 137.7 | 143.0 | 143.0 | 143.0 | 148.3 |
| 15° | 132.4 | 137.7 | 143.0 | 148.3 | 153.6 | 164.2 | 169.5 | 180.1 | 185.4 | 190.7 | 195.9 |
| 17.5° | 153.6 | 164.2 | 180.1 | 190.7 | 201.2 | 222.4 | 243.6 | 259.5 | 280.7 | 307.2 | 338.9 |
| 20° | 169.5 | 206.5 | 238.3 | 275.4 | 307.2 | 402.5 | 497.8 | 593.1 | 688.5 | 815.6 | 942.7 |
| 22.5° | 201.2 | 317.8 | 439.6 | 556.1 | 672.6 | 985.0 | 1292.2 | 1599.4 | 1911.8 | 2208.4 | 2505.0 |
| 25° | 275.4 | 524.3 | 778.5 | 1027.4 | 1276.3 | 1800.6 | 2319.6 | 2838.6 | 3362.9 | 3866.0 | 4374.4 |
| 27.5° | 418.4 | 820.9 | 1223.3 | 1625.8 | 2028.3 | 2716.8 | 3400.0 | 4083.1 | 4771.6 | 5380.6 | 5984.3 |
| 30° | 630.2 | 1149.2 | 1668.2 | 2187.2 | 2706.2 | 3595.9 | 4485.6 | 5375.3 | 6265.0 | 6858.2 | 7451.3 |
| 32.5° | 752.0 | 1429.9 | 2107.8 | 2780.3 | 3458.2 | 4427.4 | 5396.5 | 6370.9 | 7340.1 | 8018.0 | 8695.8 |
| 35° | 842.0 | 1684.1 | 2520.8 | 3362.9 | 4199.6 | 5280.0 | 6360.3 | 7446.0 | 8526.4 | 9336.6 | 10146.9 |
| 37.5° | 963.8 | 1975.4 | 2981.6 | 3993.1 | 4999.3 | 6164.4 | 7329.5 | 8499.9 | 9665.0 | 10665.9 | 11672.1 |
| 40° | 1159.8 | 2362.0 | 3564.1 | 4761.0 | 5963.2 | 7424.8 | 8886.5 | 10348.1 | 11809.8 | 13139.1 | 14468.3 |
| 42.5° | 1583.5 | 3166.9 | 4755.7 | 6339.2 | 7922.6 | 10109.8 | 12291.7 | 14473.6 | 16660.8 | 18540.9 | 20420.9 |
| 45° | 2595.0 | 5057.6 | 7520.1 | 9982.7 | 12445.3 | 15061.5 | 17672.3 | 20288.5 | 22904.7 | 25685.0 | 28465.3 |
| 47.5° | 4295.0 | 7689.6 | 11084.3 | 14473.6 | 17868.3 | 20563.9 | 23254.2 | 25944.5 | 28640.1 | 31235.1 | 33830.1 |
| 50° | 6265.0 | 9919.2 | 13573.3 | 17227.5 | 20881.6 | 23291.3 | 25695.6 | 28099.9 | 30509.6 | 33056.9 | 35598.9 |
| 52.5° | 6715.2 | 10369.3 | 14023.5 | 17672.3 | 21326.5 | 23757.3 | 26188.1 | 28624.2 | 31055.0 | 33544.1 | 36038.4 |
| 55° | 6032.0 | 9654.4 | 13271.5 | 16893.9 | 20510.9 | 23180.1 | 25849.2 | 28518.3 | 31187.4 | 33978.4 | 36769.3 |
| 57.5° | *4792.8* | *8452.2* | *12106.4* | *15765.8* | *19420.0* | *22586.9* | *25748.6* | *28915.5* | *32082.4* | *35026.9* | *37971.4* |
| 60° | 3850.1 | 7583.7 | 11317.3 | 15050.9 | 18784.5 | 22163.2 | 25536.7 | 28910.2 | 32289.0 | 34793.9 | 37298.9 |
| 62.5° | 2806.8 | 6503.3 | 10199.9 | 13896.4 | 17592.9 | 20622.1 | 23651.4 | 26685.9 | 29715.2 | 31494.6 | 33274.0 |
| 65° | 1991.3 | 5258.8 | 8526.4 | 11788.6 | 15056.2 | 17158.6 | 19261.1 | 21363.6 | 23466.0 | 25007.1 | 26548.2 |
| 67.5° | 1371.6 | 3675.3 | 5973.8 | 8277.5 | 10575.9 | 12365.9 | 14150.6 | 15940.6 | 17730.6 | 19028.1 | 20330.9 |
| 70° | 974.4 | 2229.6 | 3484.7 | 4734.5 | 5989.6 | 7573.1 | 9156.6 | 10740.0 | 12323.5 | 13907.0 | 15495.7 |
| 72.5° | 693.8 | 1244.5 | 1790.0 | 2340.8 | 2886.3 | 4263.2 | 5640.1 | 7022.3 | 8399.3 | 9357.8 | 10321.7 |
| 75° | 524.3 | 672.6 | 815.6 | 963.8 | 1106.8 | 1440.5 | 1774.1 | 2107.8 | 2441.4 | 2780.3 | 3119.3 |
| 77.5° | 248.9 | 275.4 | 296.6 | 323.0 | 344.2 | 429.0 | 513.7 | 598.4 | 683.2 | 826.2 | 969.1 |
| 80° | 132.4 | 143.0 | 153.6 | 164.2 | 174.8 | 180.1 | 185.4 | 190.7 | 195.9 | 211.8 | 233.0 |
| 82.5° | 47.7 | 53.0 | 53.0 | 58.3 | 58.3 | 53.0 | 53.0 | 47.7 | 42.4 | 47.7 | 47.7 |
| 85° | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 74.1 | 74.1 | 74.1 | 74.1 | 68.8 | 68.8 | 68.8 | 68.8 | 63.6 | 63.6 | 63.6 |
| 5° | 84.7 | 84.7 | 84.7 | 84.7 | 79.4 | 79.4 | 79.4 | 79.4 | 74.1 | 74.1 | 74.1 |
| 7.5° | 100.6 | 100.6 | 100.6 | 100.6 | 95.3 | 95.3 | 95.3 | 95.3 | 90.0 | 90.0 | 90.0 |
| 10° | 121.8 | 121.8 | 121.8 | 121.8 | 121.8 | 121.8 | 121.8 | 121.8 | 116.5 | 116.5 | 116.5 |
| 12.5° | 148.3 | 148.3 | 148.3 | 148.3 | 148.3 | 148.3 | 148.3 | 148.3 | 143.0 | 143.0 | 143.0 |
| 15° | 195.9 | 201.2 | 206.5 | 211.8 | 211.8 | 217.1 | 211.8 | 206.5 | 201.2 | 195.9 | 190.7 |
| 17.5° | 365.4 | 391.9 | 402.5 | 407.8 | 418.4 | 423.7 | 418.4 | 407.8 | 402.5 | 391.9 | 365.4 |
| 20° | 1064.5 | 1191.6 | 1281.6 | 1371.6 | 1461.7 | 1551.7 | 1498.7 | 1445.8 | 1392.8 | 1339.9 | 1202.2 |
| 22.5° | 2801.5 | 3098.1 | 3304.6 | 3511.2 | 3717.7 | 3924.2 | 3781.3 | 3638.3 | 3490.0 | 3347.0 | 2997.5 |
| 25° | 4877.5 | 5380.6 | 5645.4 | 5915.5 | 6180.3 | 6445.1 | 6201.5 | 5957.9 | 5709.0 | 5465.3 | 4978.1 |
| 27.5° | 6593.4 | 7197.1 | 7424.8 | 7647.2 | 7875.0 | 8097.4 | 7880.3 | 7668.4 | 7451.3 | 7234.2 | 6667.5 |
| 30° | 8044.4 | 8637.6 | 8860.0 | 9082.4 | 9304.9 | 9527.3 | 9283.7 | 9034.8 | 8791.2 | 8542.3 | 7980.9 |
| 32.5° | 9368.4 | 10046.3 | 10353.4 | 10660.6 | 10967.8 | 11274.9 | 10909.5 | 10544.1 | 10178.7 | 9813.3 | 9172.5 |
| 35° | 10957.2 | 11767.4 | 12127.6 | 12493.0 | 12853.1 | 13213.2 | 12779.0 | 12339.4 | 11905.1 | 11465.6 | 10655.3 |
| 37.5° | 12673.0 | 13674.0 | 14155.9 | 14637.8 | 15119.7 | 15601.7 | 15061.5 | 14521.3 | 13981.1 | 13440.9 | 12408.2 |
| 40° | 15797.6 | 17126.9 | 17841.8 | 18551.5 | 19266.4 | 19976.1 | 19165.8 | 18350.2 | 17539.9 | 16724.4 | 15305.1 |
| 42.5° | 22295.6 | 24175.7 | 25192.5 | 26209.3 | 27226.1 | 28242.9 | 27061.9 | 25875.7 | 24694.7 | 23508.4 | 21548.9 |
| 45° | 31245.7 | 34026.0 | 35148.7 | 36266.2 | 37388.9 | 38506.3 | 37171.8 | 35837.2 | 34497.3 | 33162.8 | 30530.7 |
| 47.5° | 36425.0 | 39020.0 | 40121.6 | 41223.1 | 42319.4 | 43420.9 | 42165.8 | 40910.7 | 39655.5 | 38400.4 | 35831.9 |
| 50° | 38146.2 | 40688.2 | 41901.0 | 43119.0 | 44331.8 | 45544.5 | 44109.4 | 42668.9 | 41233.7 | 39793.2 | 37325.3 |
| 52.5° | 38527.5 | 41016.6 | 42446.5 | 43876.3 | 45300.9 | 46730.8 | 45073.2 | 43415.6 | 41752.7 | 40095.1 | 37648.4 |
| 55° | 39554.9 | 42345.8 | 43992.9 | 45634.6 | 47281.6 | 48923.3 | 46990.3 | 45052.0 | 43119.0 | 41180.7 | 38495.7 |
| 57.5° | 40916.0 | 43860.5 | 45364.5 | 46868.5 | 48367.3 | 49871.3 | 48001.8 | 46137.7 | 44268.2 | 42398.8 | 39597.3 |
| 60° | 39798.5 | 42303.5 | 43558.6 | 44808.4 | 46063.5 | 47313.4 | 45624.0 | 43939.9 | 42250.5 | 40561.1 | 38225.6 |
| 62.5° | 35048.1 | 36827.5 | 37796.7 | 38765.8 | 39729.7 | 40698.8 | 39311.3 | 37923.8 | 36536.3 | 35148.7 | 33454.1 |
| 65° | 28084.0 | 29625.1 | 30324.2 | 31018.0 | 31717.0 | 32410.8 | 31446.9 | 30483.1 | 29513.9 | 28550.1 | 27125.5 |
| 67.5° | 21628.4 | 22925.9 | 24006.2 | 25081.3 | 26161.6 | 27236.7 | 26066.3 | 24895.9 | 23720.2 | 22549.8 | 21183.5 |
| 70° | 17079.2 | 18662.7 | 19552.4 | 20442.1 | 21331.8 | 22221.5 | 21204.7 | 20187.9 | 19165.8 | 18149.0 | 16719.1 |
| 72.5° | 11280.2 | 12238.8 | 12556.5 | 12879.6 | 13197.3 | 13515.1 | 13144.4 | 12779.0 | 12408.2 | 12037.5 | 11131.9 |
| 75° | 3452.9 | 3791.8 | 4167.9 | 4549.2 | 4925.2 | 5301.2 | 4962.2 | 4623.3 | 4284.4 | 3945.4 | 3638.3 |
| 77.5° | 1106.8 | 1249.8 | 1361.0 | 1472.3 | 1578.2 | 1689.4 | 1694.7 | 1700.0 | 1700.0 | 1705.3 | 1541.1 |
| 80° | 248.9 | 264.8 | 264.8 | 264.8 | 259.5 | 259.5 | 286.0 | 307.2 | 333.6 | 354.8 | 333.6 |
| 82.5° | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 47.7 | 47.7 | 47.7 |
| 85° | 5.3 | 5.3 | 5.3 | 5.3 | 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 2.5° | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 58.3 | 58.3 |
| 5° | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 68.8 | 68.8 |
| 7.5° | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 84.7 | 84.7 | 84.7 | 84.7 | 79.4 | 79.4 |
| 10° | 116.5 | 111.2 | 111.2 | 111.2 | 105.9 | 105.9 | 100.6 | 100.6 | 95.3 | 95.3 | 90.0 |
| 12.5° | 143.0 | 137.7 | 137.7 | 132.4 | 132.4 | 127.1 | 121.8 | 116.5 | 111.2 | 105.9 | 100.6 |
| 15° | 185.4 | 180.1 | 174.8 | 169.5 | 158.9 | 153.6 | 143.0 | 137.7 | 132.4 | 127.1 | 121.8 |
| 17.5° | 338.9 | 312.5 | 286.0 | 259.5 | 238.3 | 211.8 | 185.4 | 174.8 | 158.9 | 148.3 | 132.4 |
| 20° | 1069.8 | 932.1 | 794.4 | 672.6 | 550.8 | 423.7 | 301.9 | 264.8 | 227.7 | 190.7 | 153.6 |
| 22.5° | 2653.2 | 2303.7 | 1954.2 | 1652.3 | 1350.4 | 1048.6 | 746.7 | 609.0 | 471.3 | 333.6 | 195.9 |
| 25° | 4490.9 | 3998.4 | 3511.2 | 2981.6 | 2457.3 | 1927.7 | 1398.1 | 1122.7 | 842.0 | 561.4 | 286.0 |
| 27.5° | 6100.9 | 5534.2 | 4967.5 | 4268.5 | 3569.4 | 2865.1 | 2166.0 | 1742.3 | 1313.4 | 884.4 | 460.7 |
| 30° | 7424.8 | 6863.5 | 6302.1 | 5444.2 | 4580.9 | 3723.0 | 2859.8 | 2309.0 | 1758.2 | 1202.2 | 651.4 |
| 32.5° | 8531.7 | 7890.9 | 7250.1 | 6307.4 | 5370.0 | 4427.4 | 3484.7 | 2801.5 | 2123.6 | 1440.5 | 757.3 |
| 35° | 9839.7 | 9029.5 | 8213.9 | 7207.7 | 6206.8 | 5200.6 | 4194.3 | 3362.9 | 2526.1 | 1689.4 | 857.9 |
| 37.5° | 11375.5 | 10342.8 | 9310.2 | 8219.2 | 7133.5 | 6042.6 | 4951.6 | 3966.6 | 2986.9 | 2001.8 | 1016.8 |
| 40° | 13891.1 | 12471.8 | 11052.5 | 9744.4 | 8431.0 | 7123.0 | 5809.6 | 4671.0 | 3532.4 | 2388.4 | 1249.8 |
| 42.5° | 19589.5 | 17630.0 | 15670.5 | 13711.0 | 11746.3 | 9786.8 | 7822.0 | 6270.3 | 4723.9 | 3172.2 | 1620.5 |
| 45° | 27898.7 | 25266.6 | 22634.6 | 20007.8 | 17381.1 | 14754.3 | 12127.6 | 9717.9 | 7308.3 | 4893.4 | 2483.8 |
| 47.5° | 33263.4 | 30694.9 | 28126.4 | 25610.9 | 23100.6 | 20585.1 | 18069.5 | 14680.2 | 11290.8 | 7896.2 | 4506.8 |
| 50° | 34862.8 | 32394.9 | 29927.0 | 27681.6 | 25441.4 | 23195.9 | 20950.5 | 17365.2 | 13785.2 | 10199.9 | 6614.6 |
| 52.5° | 35201.7 | 32749.7 | 30303.0 | 28052.3 | 25806.8 | 23556.1 | 21305.3 | 17735.9 | 14166.5 | 10591.8 | 7022.3 |
| 55° | 35810.7 | 33125.7 | 30440.7 | 27914.6 | 25388.4 | 22857.0 | 20330.9 | 16766.7 | 13202.6 | 9638.5 | 6074.4 |
| 57.5° | *36795.8* | *33988.9* | *31187.4* | *28179.4* | *25171.3* | *22163.2* | *19155.2* | *15559.3* | *11963.4* | *8367.5* | *4771.6* |
| 60° | 35890.2 | 33549.4 | 31213.9 | 27972.8 | 24726.5 | 21485.4 | 18239.0 | 14584.8 | 10925.4 | 7265.9 | 3611.8 |
| 62.5° | 31754.1 | 30059.4 | 28359.4 | 25483.8 | 22608.1 | 19732.4 | 16856.8 | 13297.9 | 9739.1 | 6180.3 | 2621.5 |
| 65° | 25695.6 | 24271.0 | 22841.1 | 20563.9 | 18286.7 | 16004.1 | 13726.9 | 10729.4 | 7737.3 | 4739.8 | 1742.3 |
| 67.5° | 19817.2 | 18450.8 | 17084.5 | 15289.2 | 13493.9 | 11698.6 | 9903.3 | 7721.4 | 5539.5 | 3352.3 | 1170.4 |
| 70° | 15289.2 | 13859.3 | 12429.4 | 10814.2 | 9198.9 | 7583.7 | 5968.5 | 4697.4 | 3431.7 | 2160.7 | 889.7 |
| 72.5° | 10226.3 | 9320.7 | 8415.1 | 7075.3 | 5735.4 | 4395.6 | 3055.7 | 2473.2 | 1890.6 | 1302.8 | 720.2 |
| 75° | 3325.8 | 3018.7 | 2706.2 | 2340.8 | 1975.4 | 1604.7 | 1239.2 | 1075.1 | 905.6 | 736.1 | 572.0 |
| 77.5° | 1371.6 | 1207.5 | 1038.0 | 884.4 | 725.5 | 572.0 | 413.1 | 386.6 | 360.1 | 333.6 | 307.2 |
| 80° | 307.2 | 286.0 | 259.5 | 243.6 | 227.7 | 211.8 | 195.9 | 185.4 | 169.5 | 158.9 | 143.0 |
| 82.5° | 42.4 | 42.4 | 37.1 | 42.4 | 47.7 | 53.0 | 58.3 | 53.0 | 53.0 | 47.7 | 42.4 |
| 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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
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Scaled Data Report

REPORT NUMBER: P1390202
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**CANDELA DISTRIBUTION (continued):**

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 357.5° | 360° |
|---|---|---|
| 0° | 63.6 | 63.6 |
| 2.5° | 58.3 | 58.3 |
| 5° | 68.8 | 63.6 |
| 7.5° | 79.4 | 74.1 |
| 10° | 90.0 | 84.7 |
| 12.5° | 100.6 | 95.3 |
| 15° | 116.5 | 105.9 |
| 17.5° | 127.1 | 116.5 |
| 20° | 143.0 | 127.1 |
| 22.5° | 169.5 | 143.0 |
| 25° | 222.4 | 164.2 |
| 27.5° | 328.3 | 201.2 |
| 30° | 460.7 | 270.1 |
| 32.5° | 545.5 | 333.6 |
| 35° | 593.1 | 333.6 |
| 37.5° | 672.6 | 328.3 |
| 40° | 794.4 | 344.2 |
| 42.5° | 995.6 | 376.0 |
| 45° | 1477.5 | 471.3 |
| 47.5° | 2679.7 | 852.6 |
| 50° | 3971.9 | 1334.6 |
| 52.5° | 4236.7 | 1451.1 |
| 55° | 3691.2 | 1308.1 |
| 57.5° | *2939.2* | *1106.8* |
| 60° | 2219.0 | 831.5 |
| 62.5° | 1647.0 | 677.9 |
| 65° | 1170.4 | 598.4 |
| 67.5° | 863.2 | 556.1 |
| 70° | 709.6 | 534.9 |
| 72.5° | 609.0 | 497.8 |
| 75° | 508.4 | 444.9 |
| 77.5° | 317.8 | 323.0 |
| 80° | 137.7 | 127.1 |
| 82.5° | 42.4 | 37.1 |
| 85° | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 |

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Scaled Data Report

REPORT NUMBER: P1390202
CATALOG NUMBER: GSS-SA5D-935-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 357.5° | 360° |
|---|---|---|
| 112.5° | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 |
| 180° | 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

McGraw-Edison

Report Number: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

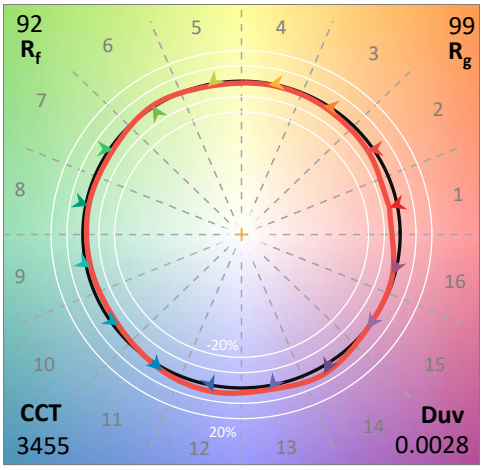
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-15 |
| Test Lab: | COOPER LIGHTING SOLUTIONS |
| Photometer: | SP1 - 76IN SPHERE |
| Measurement Geometry: | 4π |
| Issue Date: | 10/15/2024 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS |
| Product Line: | McGraw-Edison |
| Catalog Number: | **GSS-SB1A-935-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 3455 |
| CIE u': | 0.2356 |
| CIE v': | 0.5159 |
| Duv: | 0.0028 |
| CIE x: | 0.4109 |
| CIE y: | 0.3999 |
| CIE z: | 0.1892 |
| Peak Wavelength (nm): | 616 |
| Dominant Wavelength (nm): | 579 |
| Purity: | 43.35383 |
| Rf: | 92.3 |
| Rg: | 98.5 |

| | | | | | |
|---|---|---|---|---|---|
| CRI (Ra): | 92.2 | | | | |
| R1: | 92.0 | R9: | 59.8 | | |
| R2: | 94.4 | R10: | 85.8 | | |
| R3: | 95.6 | R11: | 93.2 | | |
| R4: | 93.2 | R12: | 78.0 | | |
| R5: | 91.4 | R13: | 92.5 | | |
| R6: | 92.5 | R14: | 97.0 | | |
| R7: | 94.5 | R15: | 88.4 | | |
| R8: | 84.2 | | | | |




## Test Conditions

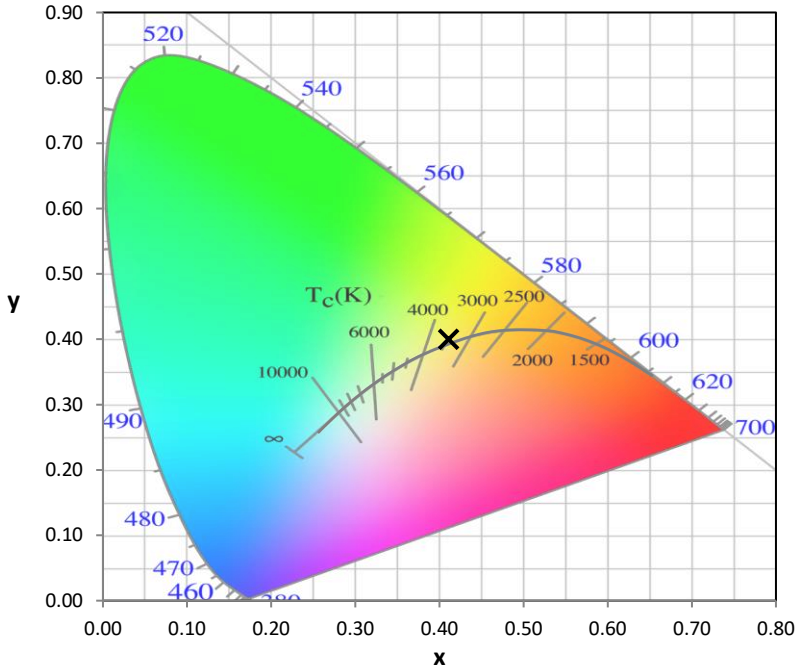
| | |
|---|---|
| Stabilization Time: | 20M |
| Operation Time: | 1H 20M |
| Sphere Temperature (°C): | 25.2 |

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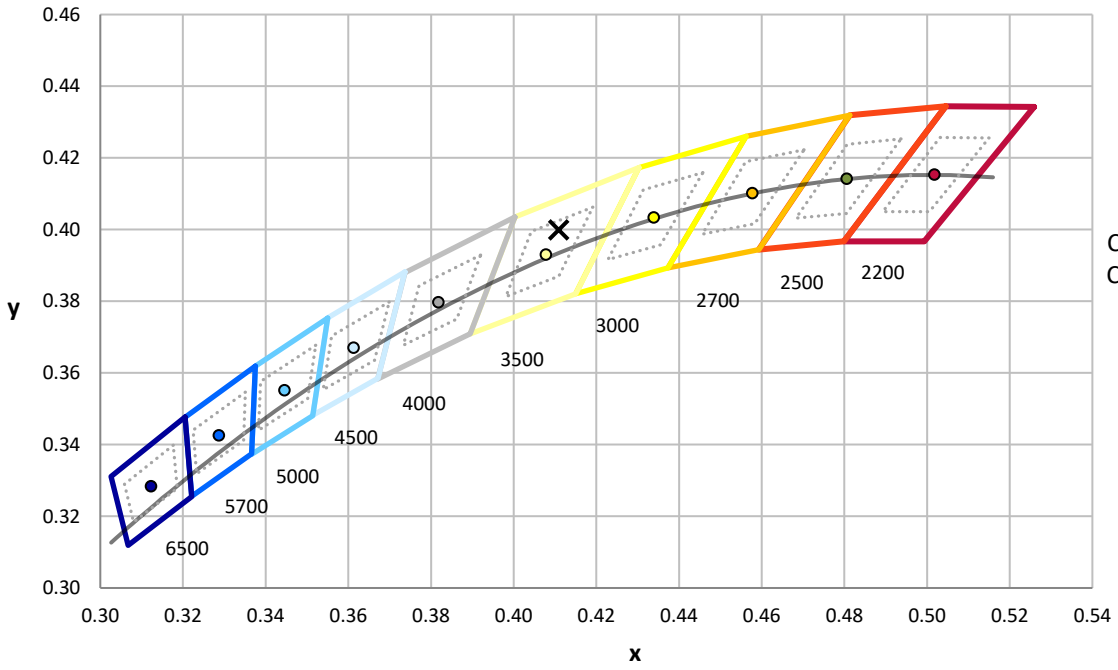
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC Power Source | IN0208 | 10/24/2023 | 10/24/2024 |
| Sphere Thermometer | IN0085 | 10/24/2023 | 10/24/2024 |
| Room Thermometer | IN0046 | 10/24/2023 | 10/24/2024 |

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## CIE 1931 Chromaticity Diagram




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

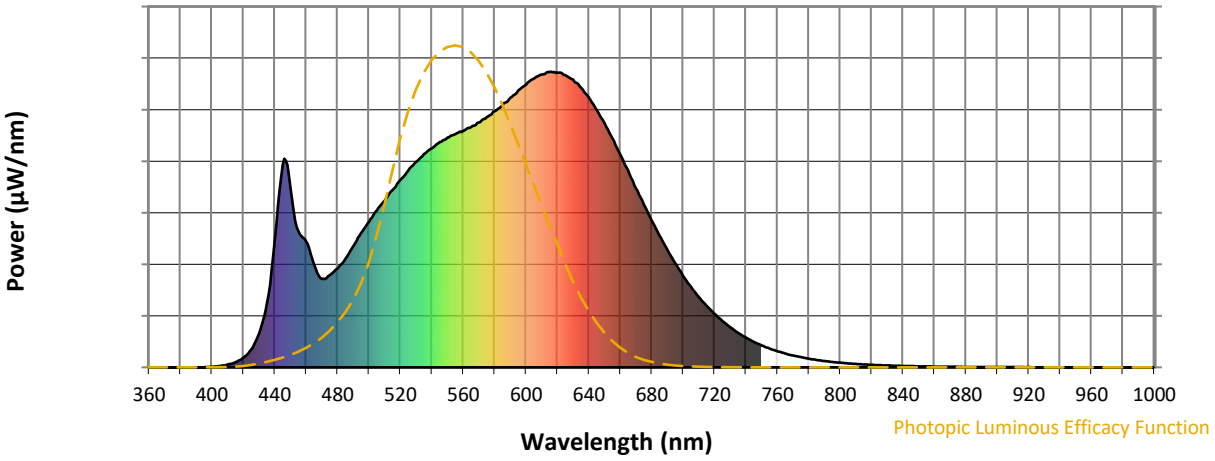



CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

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## Photopic Flux vs. Wavelength

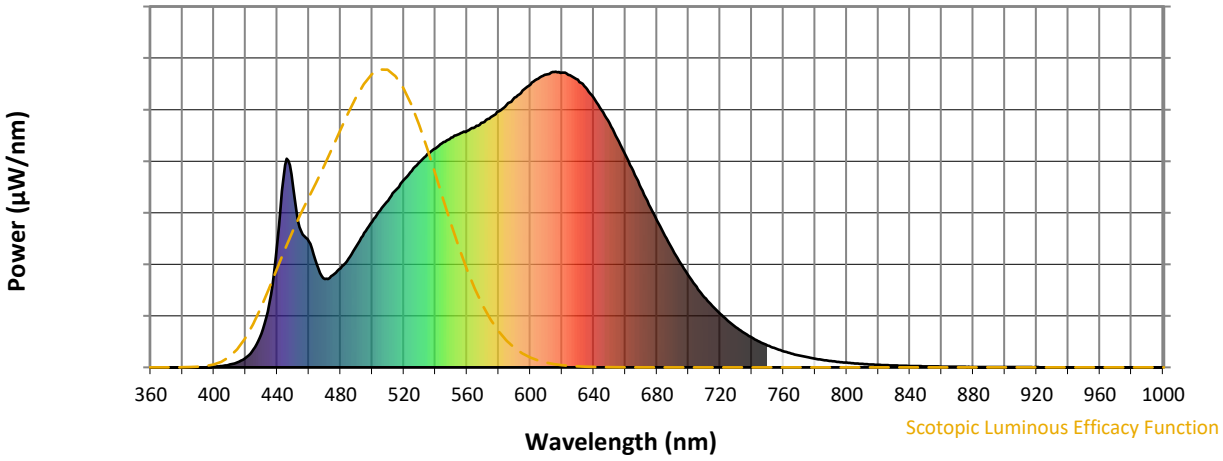



## Photopic Lumens: NR

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 410 | NR | 620 | 997 | NR | 750 | 74 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 454 | NR | 625 | 988 | NR | 755 | 64 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 493 | NR | 630 | 973 | NR | 760 | 54 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 530 | NR | 635 | 946 | NR | 765 | 47 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 564 | NR | 640 | 913 | NR | 770 | 40 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 599 | NR | 645 | 870 | NR | 775 | 34 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 634 | NR | 650 | 826 | NR | 780 | 29 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 664 | NR | 655 | 774 | NR | 785 | 25 | NR | 915 | 1 | NR |
| 400 | 2 | NR | 530 | 695 | NR | 660 | 720 | NR | 790 | 21 | NR | 920 | 1 | NR |
| 405 | 4 | NR | 535 | 722 | NR | 665 | 664 | NR | 795 | 18 | NR | 925 | 1 | NR |
| 410 | 9 | NR | 540 | 741 | NR | 670 | 605 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 17 | NR | 545 | 762 | NR | 675 | 550 | NR | 805 | 13 | NR | 935 | 0 | NR |
| 420 | 32 | NR | 550 | 777 | NR | 680 | 497 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 61 | NR | 555 | 789 | NR | 685 | 445 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 114 | NR | 560 | 800 | NR | 690 | 398 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 218 | NR | 565 | 813 | NR | 695 | 352 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 427 | NR | 570 | 828 | NR | 700 | 309 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 684 | NR | 575 | 846 | NR | 705 | 273 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 611 | NR | 580 | 866 | NR | 710 | 237 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 461 | NR | 585 | 888 | NR | 715 | 208 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 427 | NR | 590 | 913 | NR | 720 | 181 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 349 | NR | 595 | 936 | NR | 725 | 157 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 298 | NR | 600 | 957 | NR | 730 | 136 | NR | 860 | 3 | NR | 990 | 1 | NR |
| 475 | 312 | NR | 605 | 976 | NR | 735 | 117 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 335 | NR | 610 | 990 | NR | 740 | 100 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 367 | NR | 615 | 999 | NR | 745 | 86 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-15

## Scotopic Flux vs. Wavelength

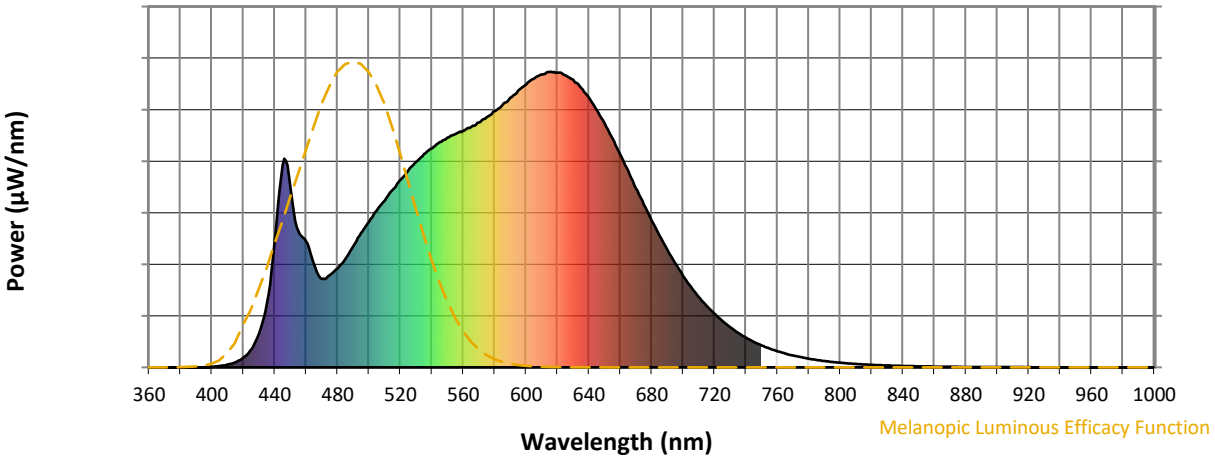



**Scotopic Lumens: NR** **S/P: 1.58**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 410 | NR | 620 | 997 | NR | 750 | 74 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 454 | NR | 625 | 988 | NR | 755 | 64 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 493 | NR | 630 | 973 | NR | 760 | 54 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 530 | NR | 635 | 946 | NR | 765 | 47 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 564 | NR | 640 | 913 | NR | 770 | 40 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 599 | NR | 645 | 870 | NR | 775 | 34 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 634 | NR | 650 | 826 | NR | 780 | 29 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 664 | NR | 655 | 774 | NR | 785 | 25 | NR | 915 | 1 | NR |
| 400 | 2 | NR | 530 | 695 | NR | 660 | 720 | NR | 790 | 21 | NR | 920 | 1 | NR |
| 405 | 4 | NR | 535 | 722 | NR | 665 | 664 | NR | 795 | 18 | NR | 925 | 1 | NR |
| 410 | 9 | NR | 540 | 741 | NR | 670 | 605 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 17 | NR | 545 | 762 | NR | 675 | 550 | NR | 805 | 13 | NR | 935 | 0 | NR |
| 420 | 32 | NR | 550 | 777 | NR | 680 | 497 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 61 | NR | 555 | 789 | NR | 685 | 445 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 114 | NR | 560 | 800 | NR | 690 | 398 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 218 | NR | 565 | 813 | NR | 695 | 352 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 427 | NR | 570 | 828 | NR | 700 | 309 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 684 | NR | 575 | 846 | NR | 705 | 273 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 611 | NR | 580 | 866 | NR | 710 | 237 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 461 | NR | 585 | 888 | NR | 715 | 208 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 427 | NR | 590 | 913 | NR | 720 | 181 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 349 | NR | 595 | 936 | NR | 725 | 157 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 298 | NR | 600 | 957 | NR | 730 | 136 | NR | 860 | 3 | NR | 990 | 1 | NR |
| 475 | 312 | NR | 605 | 976 | NR | 735 | 117 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 335 | NR | 610 | 990 | NR | 740 | 100 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 367 | NR | 615 | 999 | NR | 745 | 86 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-15

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 3.14**

| λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) | λ (nm) | Power W^/nm | Lumens (ϕ/nm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 | 0 | NR | 490 | 410 | NR | 620 | 997 | NR | 750 | 74 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 454 | NR | 625 | 988 | NR | 755 | 64 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 493 | NR | 630 | 973 | NR | 760 | 54 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 530 | NR | 635 | 946 | NR | 765 | 47 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 564 | NR | 640 | 913 | NR | 770 | 40 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 599 | NR | 645 | 870 | NR | 775 | 34 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 634 | NR | 650 | 826 | NR | 780 | 29 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 664 | NR | 655 | 774 | NR | 785 | 25 | NR | 915 | 1 | NR |
| 400 | 2 | NR | 530 | 695 | NR | 660 | 720 | NR | 790 | 21 | NR | 920 | 1 | NR |
| 405 | 4 | NR | 535 | 722 | NR | 665 | 664 | NR | 795 | 18 | NR | 925 | 1 | NR |
| 410 | 9 | NR | 540 | 741 | NR | 670 | 605 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 17 | NR | 545 | 762 | NR | 675 | 550 | NR | 805 | 13 | NR | 935 | 0 | NR |
| 420 | 32 | NR | 550 | 777 | NR | 680 | 497 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 61 | NR | 555 | 789 | NR | 685 | 445 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 114 | NR | 560 | 800 | NR | 690 | 398 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 218 | NR | 565 | 813 | NR | 695 | 352 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 427 | NR | 570 | 828 | NR | 700 | 309 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 684 | NR | 575 | 846 | NR | 705 | 273 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 611 | NR | 580 | 866 | NR | 710 | 237 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 461 | NR | 585 | 888 | NR | 715 | 208 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 427 | NR | 590 | 913 | NR | 720 | 181 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 349 | NR | 595 | 936 | NR | 725 | 157 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 298 | NR | 600 | 957 | NR | 730 | 136 | NR | 860 | 3 | NR | 990 | 1 | NR |
| 475 | 312 | NR | 605 | 976 | NR | 735 | 117 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 335 | NR | 610 | 990 | NR | 740 | 100 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 367 | NR | 615 | 999 | NR | 745 | 86 | NR | 875 | 2 | NR | | | |

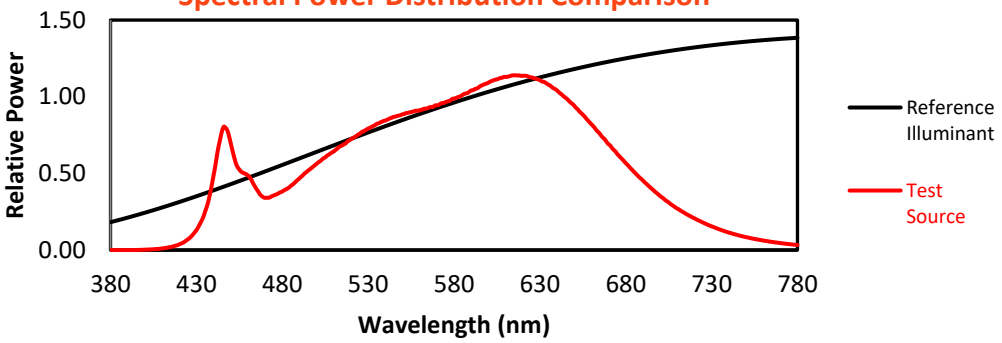
REPORT NUMBER: SP1-2407-184-15

# TM-30-18

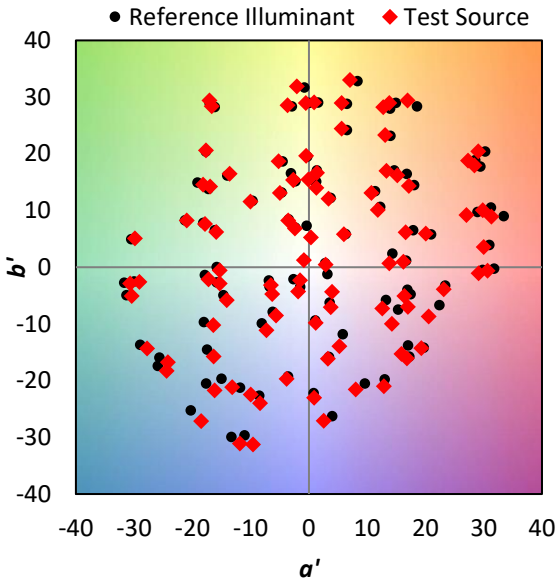
## Summary

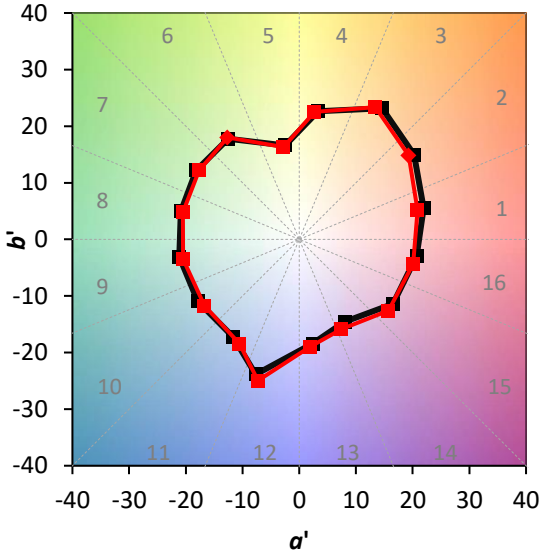
$R_f$ = 92.3
$R_g$ = 98.5
CIE $R_a$ = 92.2
$R_9$ = 59.8

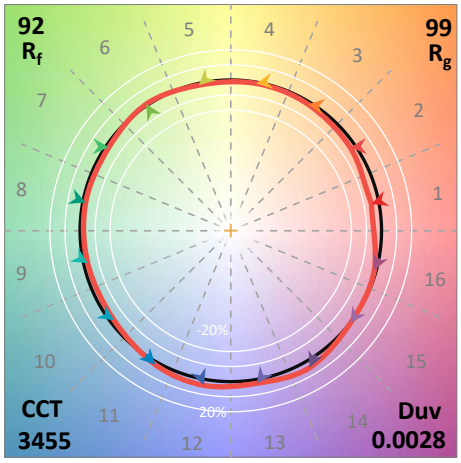
## Spectral Power Distribution Comparison

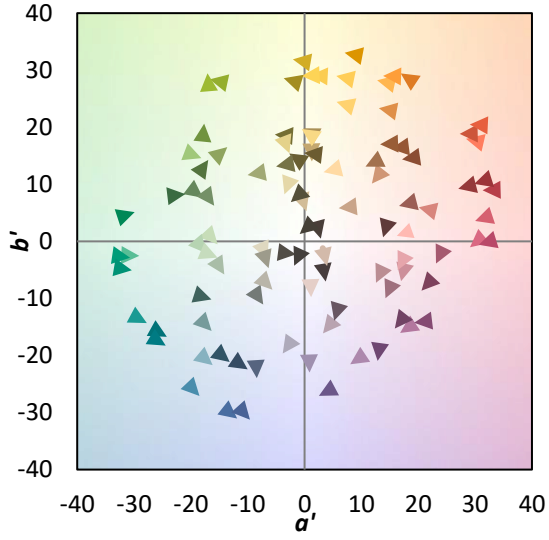



## Color Vector Graphics



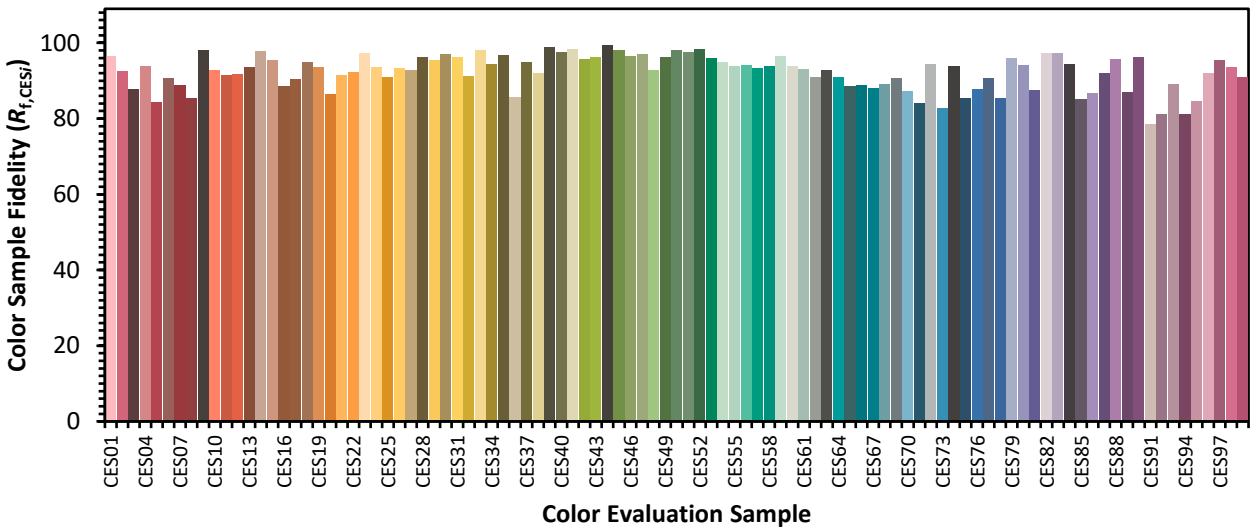



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# TM-30-18

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

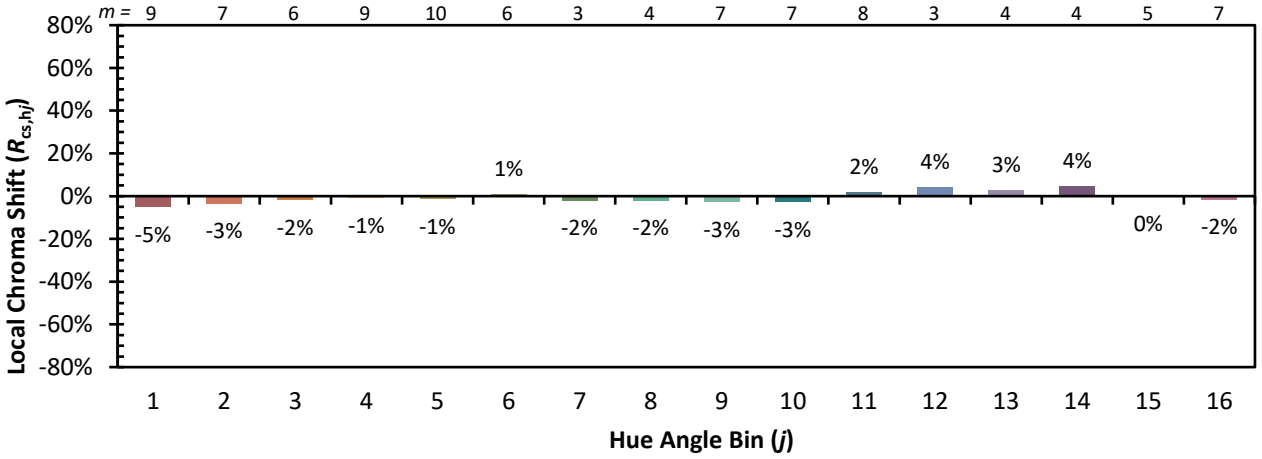
| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 93 | CES51 = 97 | CES76 = 88 |
| CES02 = 62 | CES27 = 93 | CES52 = 98 | CES77 = 91 |
| CES03 = 31 | CES28 = 96 | CES53 = 96 | CES78 = 85 |
| CES04 = 70 | CES29 = 95 | CES54 = 95 | CES79 = 96 |
| CES05 = 50 | CES30 = 97 | CES55 = 94 | CES80 = 94 |
| CES06 = 51 | CES31 = 96 | CES56 = 94 | CES81 = 87 |
| CES07 = 42 | CES32 = 91 | CES57 = 93 | CES82 = 97 |
| CES08 = 41 | CES33 = 98 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 94 | CES59 = 96 | CES84 = 94 |
| CES10 = 75 | CES35 = 97 | CES60 = 94 | CES85 = 85 |
| CES11 = 58 | CES36 = 86 | CES61 = 93 | CES86 = 87 |
| CES12 = 64 | CES37 = 95 | CES62 = 91 | CES87 = 92 |
| CES13 = 43 | CES38 = 92 | CES63 = 93 | CES88 = 96 |
| CES14 = 74 | CES39 = 99 | CES64 = 91 | CES89 = 87 |
| CES15 = 71 | CES40 = 98 | CES65 = 89 | CES90 = 96 |
| CES16 = 47 | CES41 = 98 | CES66 = 89 | CES91 = 78 |
| CES17 = 49 | CES42 = 96 | CES67 = 88 | CES92 = 81 |
| CES18 = 56 | CES43 = 96 | CES68 = 89 | CES93 = 89 |
| CES19 = 71 | CES44 = 99 | CES69 = 91 | CES94 = 81 |
| CES20 = 66 | CES45 = 98 | CES70 = 87 | CES95 = 85 |
| CES21 = 86 | CES46 = 97 | CES71 = 84 | CES96 = 92 |
| CES22 = 78 | CES47 = 97 | CES72 = 95 | CES97 = 95 |
| CES23 = 91 | CES48 = 93 | CES73 = 83 | CES98 = 94 |
| CES24 = 90 | CES49 = 96 | CES74 = 94 | CES99 = 91 |
| CES25 = 71 | CES50 = 98 | CES75 = 85 | |

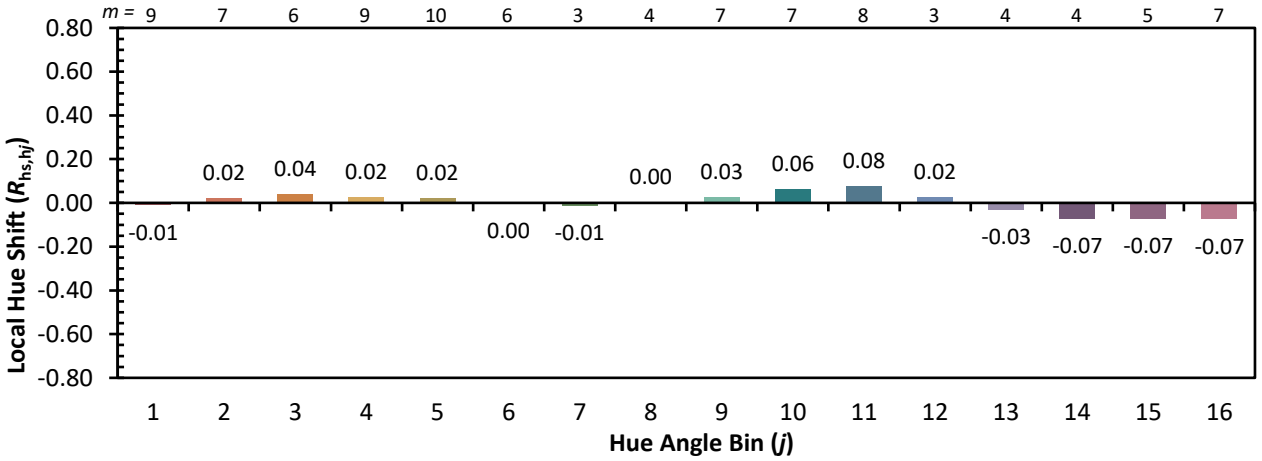


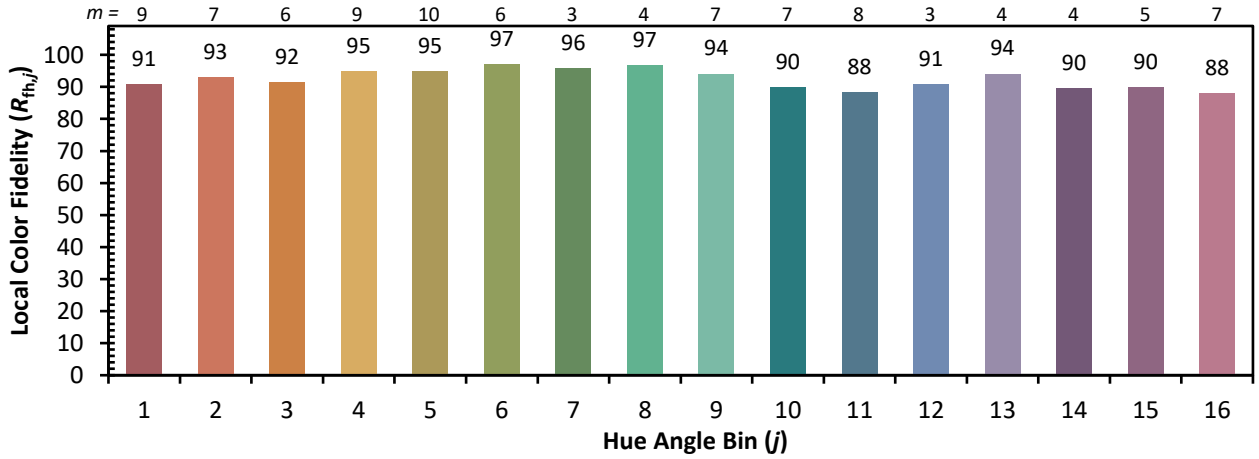
REPORT NUMBER: SP1-2407-184-15

**TM-30-18**

## Color Rendition by Hue-Angle Bin



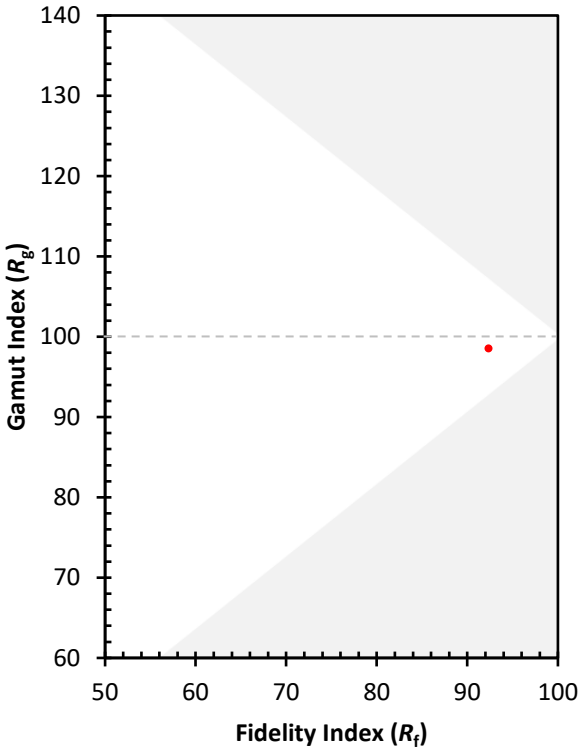



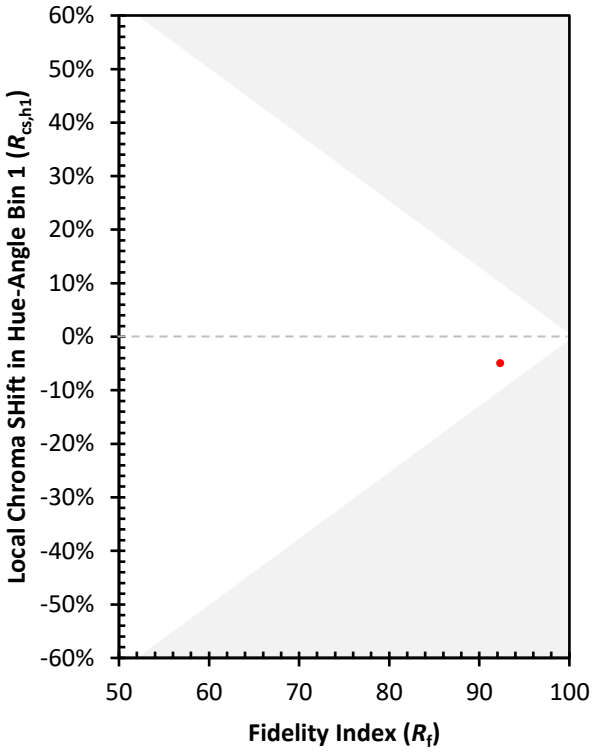



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# TM-30-18

## Measure Comparisons




(END OF REPORT)