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: STREETWORKS

Report Number: P1064593

Luminaire Tested: **GLAN-SA1A-730-U-RBC**

Issue Date: 08/07/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1064593 |
| Test Lab: | INNOVATION CENTER(G3) |
| Issue Date: | 08/07/2025 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | STREETWORKS |
| Catalog Number: | GLAN-SA1A-730-U-RBC |
| Description: | GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE 70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL |
| Light Source: | (14) 3000K CCT, 70 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 3231.7 lumens |
| Efficiency: | N/A |
| Efficacy: | 111.4 lumens/watt |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B0 - U0 - G1 |

| | |
|---|---|
| Input Watts (W): | 29 |
| 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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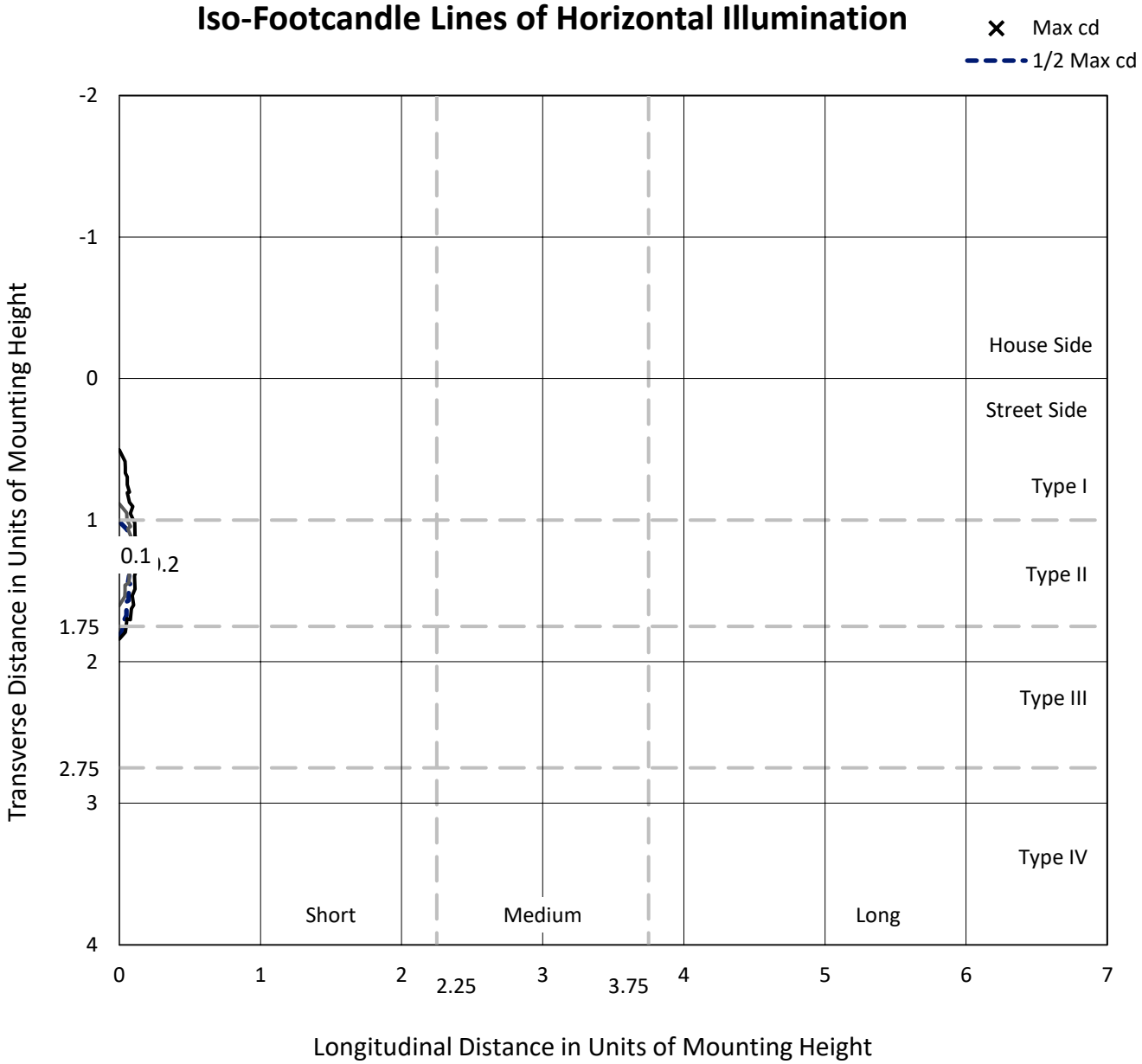
## Iso-Footcandle Lines of Horizontal Illumination




Based on 20 foot mounting height. Maximum calculated value = 0.5 fc
Type III - Short - N/A

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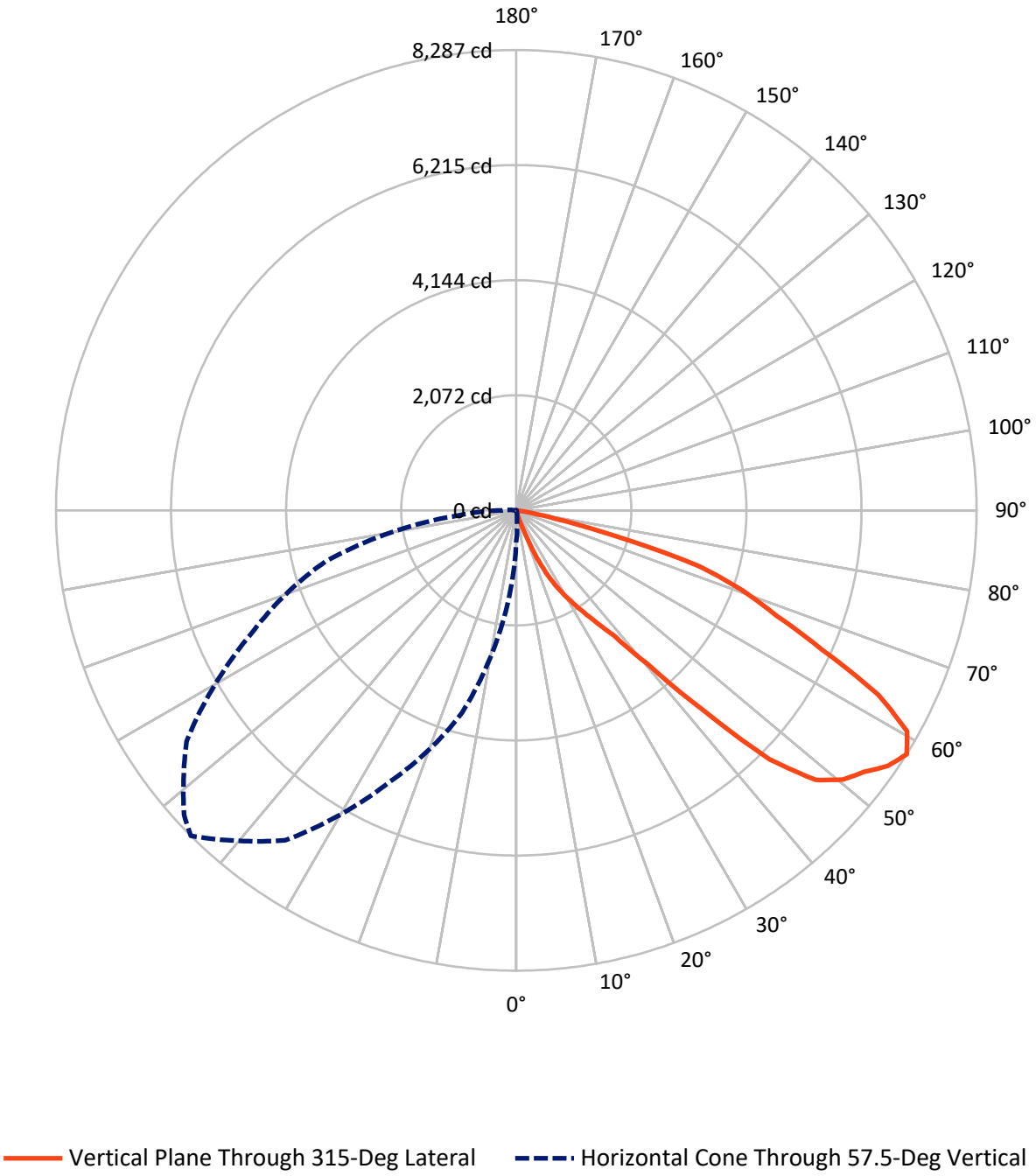
## Luminous Intensity Polar Plot



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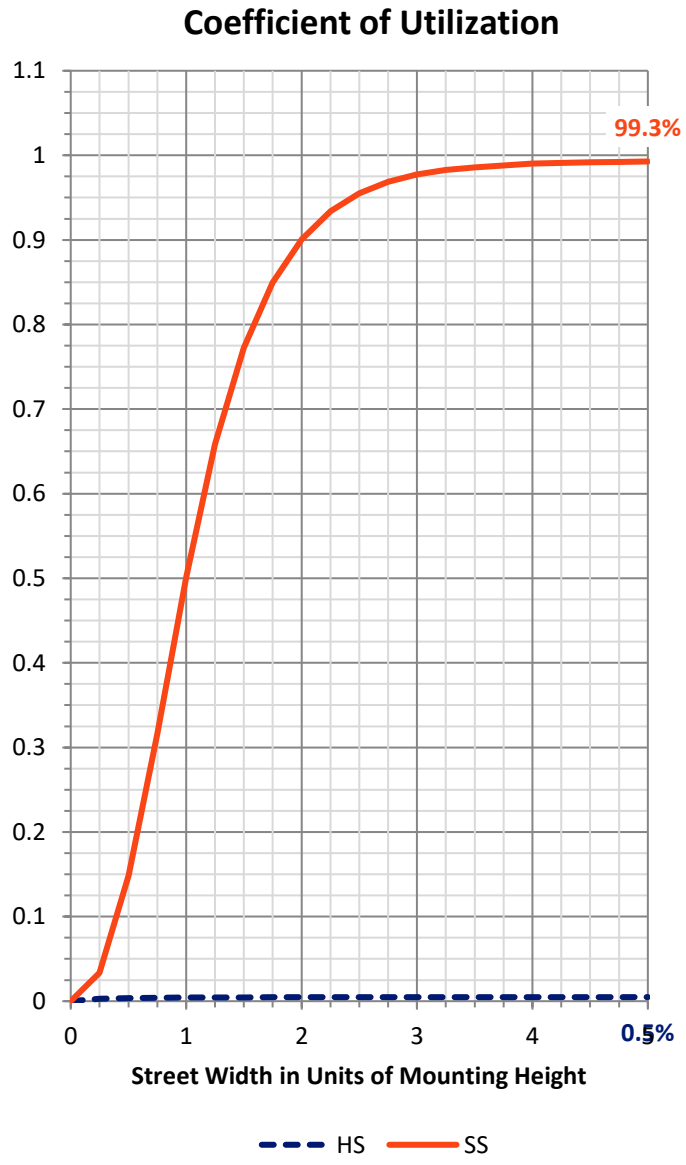
**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 16.2 | 0.0 | 16.2 |
| | % Fixture | 0.5 | 0.0 | 0.5 |
| **Street Side** | Lumens | 3215.5 | 0.0 | 3215.5 |
| | % Fixture | 99.5 | 0.0 | 99.5 |
| **Total** | Lumens | 3231.7 | 0.0 | 3231.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 1.3 | 0.0 |
| 10°-20° | 7.1 | 0.2 |
| 20°-30° | 76.6 | 2.4 |
| 30°-40° | 226.5 | 7.0 |
| 40°-50° | 675.0 | 20.9 |
| 50°-60° | 1070.3 | 33.1 |
| 60°-70° | 893.4 | 27.6 |
| 70°-80° | 275.5 | 8.5 |
| 80°-90° | 6.1 | 0.2 |
| 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° | 3231.7 | 100.0 |
| 0°-180° | 3231.7 | 100.0 |



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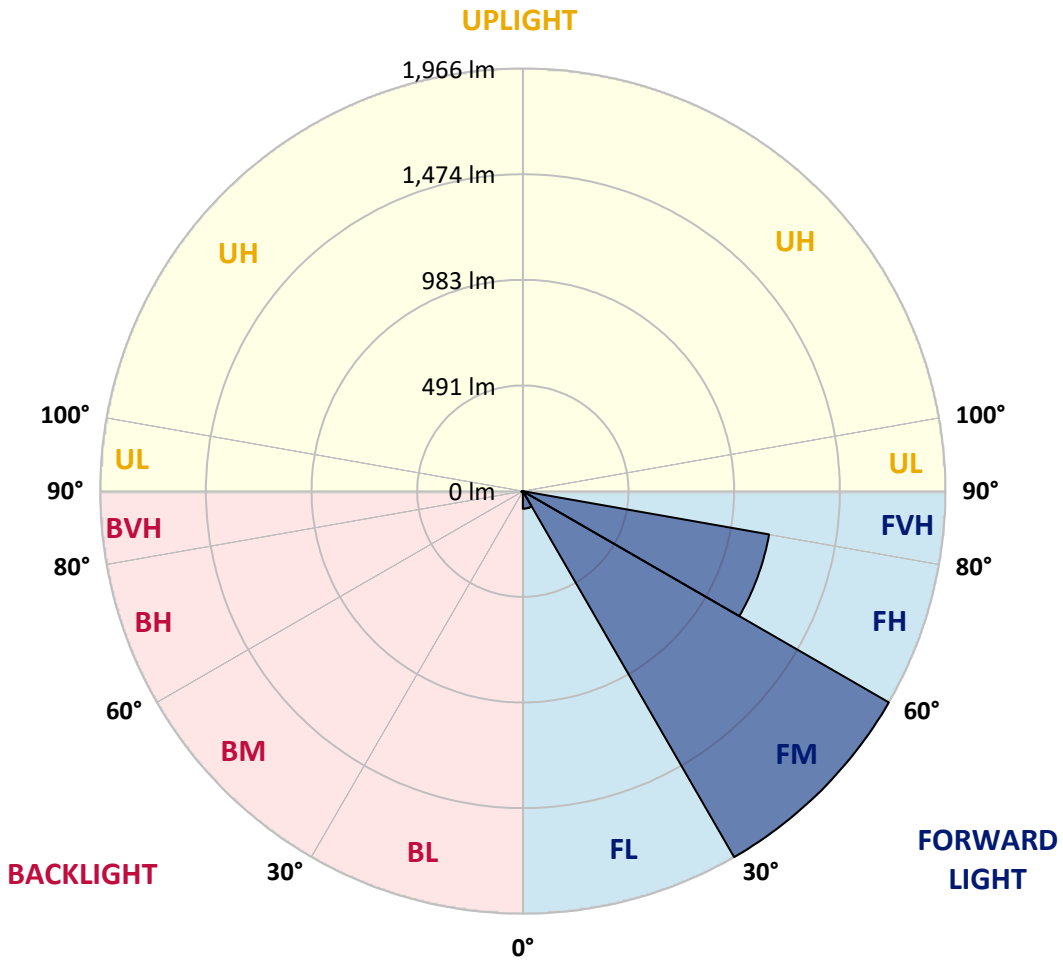
## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 82.0 | 2.5 | | | |
| FM | (30°-60°) | 1965.9 | 60.8 | | | |
| FH | (60°-80°) | 1162.9 | 36.0 | | | G1/1800 |
| FVH | (80°-90°) | 4.7 | 0.1 | | | G0/10 |
| BL | (0°-30°) | 3.0 | 0.1 | B0/110 | | |
| BM | (30°-60°) | 5.8 | 0.2 | B0/220 | | |
| BH | (60°-80°) | 6.0 | 0.2 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.4 | 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-G1**
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° |
|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 2.5° | 12.9 | 12.9 | 12.9 | 12.9 | 12.7 | 12.7 | 12.5 | 12.5 | 12.2 | 12.2 |
| 5° | 13.7 | 13.7 | 13.4 | 13.2 | 13.2 | 12.9 | 12.7 | 12.5 | 12.5 | 12.2 |
| 7.5° | 14.9 | 14.7 | 14.4 | 14.2 | 13.7 | 13.4 | 12.9 | 12.7 | 12.5 | 12.0 |
| 10° | 16.4 | 15.9 | 15.4 | 14.9 | 14.4 | 13.9 | 13.4 | 13.2 | 12.7 | 12.5 |
| 12.5° | 18.3 | 17.6 | 16.6 | 15.9 | 15.4 | 14.7 | 14.2 | 13.7 | 12.9 | 12.5 |
| 15° | 20.0 | 19.0 | 17.8 | 16.9 | 16.1 | 15.1 | 14.4 | 13.7 | 13.2 | 12.5 |
| 17.5° | 22.5 | 20.8 | 18.8 | 17.6 | 16.6 | 15.4 | 14.2 | 13.4 | 12.7 | 11.7 |
| 20° | 26.6 | 23.2 | 19.5 | 18.1 | 16.6 | 15.1 | 13.7 | 12.7 | 12.0 | 11.0 |
| 22.5° | 33.2 | 27.4 | 21.5 | 19.3 | 17.3 | 15.1 | 13.2 | 12.2 | 11.2 | 10.3 |
| 25° | 45.9 | 35.4 | 24.9 | 22.0 | 19.0 | 16.1 | 13.2 | 12.0 | 11.0 | 9.8 |
| 27.5° | 61.1 | 45.4 | 29.6 | 25.4 | 21.5 | 17.3 | 13.2 | 11.7 | 10.5 | 9.0 |
| 30° | 76.4 | 55.7 | 34.7 | 29.3 | 23.9 | 18.6 | 13.2 | 11.5 | 10.0 | 8.3 |
| 32.5° | 91.1 | 65.2 | 39.1 | 32.7 | 26.4 | 19.8 | 13.4 | 11.5 | 9.5 | 7.6 |
| 35° | 106.0 | 73.0 | 39.8 | 33.2 | 26.6 | 19.8 | 13.2 | 11.0 | 9.0 | 6.8 |
| 37.5° | 125.0 | 81.8 | 38.3 | 31.7 | 25.4 | 18.8 | 12.5 | 10.5 | 8.5 | 6.3 |
| 40° | 153.9 | 96.5 | 39.1 | 32.2 | 25.4 | 18.6 | 11.7 | 9.8 | 8.1 | 6.1 |
| 42.5° | 207.1 | 124.8 | 42.2 | 34.4 | 26.6 | 18.6 | 10.7 | 9.0 | 7.6 | 5.9 |
| 45° | 358.0 | 207.3 | 56.7 | 44.9 | 33.2 | 21.5 | 9.8 | 8.3 | 7.1 | 5.6 |
| 47.5° | 592.2 | 347.0 | 101.8 | 78.6 | 55.7 | 32.5 | 9.5 | 8.3 | 7.1 | 5.6 |
| 50° | 755.9 | 442.0 | 128.2 | 98.7 | 69.1 | 39.6 | 10.0 | 8.5 | 7.3 | 5.9 |
| 52.5° | 754.6 | 448.9 | 142.9 | 109.7 | 76.7 | 43.5 | 10.5 | 9.0 | 7.8 | 6.3 |
| 55° | 670.9 | 408.3 | 145.6 | 111.9 | 78.4 | 44.7 | 11.2 | 9.8 | 8.3 | 6.8 |
| 57.5° | *560.7* | *346.8* | *132.9* | *102.8* | *73.0* | *43.0* | *12.9* | *11.2* | *9.8* | *8.1* |
| 60° | 443.5 | 273.5 | 103.5 | 81.8 | 60.3 | 38.6 | 17.1 | 14.9 | 12.9 | 10.7 |
| 62.5° | 306.2 | 198.3 | 90.4 | 72.5 | 54.9 | 37.1 | 19.5 | 17.3 | 15.4 | 13.2 |
| 65° | 216.6 | 149.2 | 81.6 | 66.4 | 51.5 | 36.4 | 21.2 | 18.8 | 16.6 | 14.2 |
| 67.5° | 161.9 | 118.7 | 75.2 | 62.3 | 49.3 | 36.4 | 23.4 | 20.5 | 17.8 | 14.9 |
| 70° | 124.1 | 97.4 | 70.6 | 60.1 | 49.8 | 39.3 | 28.8 | 24.7 | 20.8 | 16.6 |
| 72.5° | 101.1 | 83.3 | 65.2 | 57.6 | 50.1 | 42.5 | 34.9 | 29.6 | 24.2 | 18.6 |
| 75° | 83.8 | 71.3 | 58.9 | 52.5 | 46.4 | 40.1 | 33.7 | 28.8 | 24.2 | 19.3 |
| 77.5° | 55.7 | 50.8 | 45.7 | 42.0 | 38.3 | 34.4 | 30.8 | 26.6 | 22.7 | 18.6 |
| 80° | 19.5 | 18.8 | 18.1 | 19.5 | 21.0 | 22.5 | 23.9 | 21.0 | 18.3 | 15.4 |
| 82.5° | 2.9 | 2.7 | 2.4 | 2.7 | 2.9 | 3.2 | 3.4 | 3.7 | 3.9 | 4.2 |
| 85° | 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 |
| 90° | 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 |
| 95° | 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 |
| 100° | 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 |
| 105° | 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 |
| 110° | 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):**

| 25° | | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.0 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.0 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.7 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.0 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.7 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.7 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.0 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.3 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.3 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.8 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.6 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.6 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.6 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.9 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.4 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.2 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.2 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.4 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.4 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.6 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.9 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.4 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *6.6* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.5 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.0 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.7 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.0 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.7 | | | | | | | | | | | |
| 13.2 | | | | | | | | | | | |
| 14.4 | | | | | | | | | | | |
| 14.4 | | | | | | | | | | | |
| 12.7 | | | | | | | | | | | |
| 4.4 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
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| 0.0 | | | | | | | | | | | |

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**CANDELA DISTRIBUTION (continued):**

| 25° | | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 12.0 | 12.0 | 11.7 | 11.7 | 11.7 | 11.5 | 11.5 | 11.2 | 11.2 | 11.2 |
| 0.0 | 5° | 11.7 | 11.7 | 11.5 | 11.2 | 11.0 | 11.0 | 10.7 | 10.5 | 10.5 | 10.3 |
| 0.0 | 7.5° | 11.5 | 11.2 | 11.0 | 10.7 | 10.5 | 10.3 | 10.0 | 9.8 | 9.8 | 9.5 |
| 0.0 | 10° | 11.7 | 11.2 | 11.0 | 10.5 | 10.3 | 10.0 | 9.5 | 9.3 | 9.0 | 9.0 |
| 0.0 | 12.5° | 11.2 | 11.0 | 10.5 | 10.0 | 9.8 | 9.3 | 9.0 | 8.5 | 8.3 | 8.3 |
| 0.0 | 15° | 11.2 | 10.7 | 10.0 | 9.5 | 9.0 | 8.8 | 8.3 | 7.8 | 7.6 | 7.3 |
| 0.0 | 17.5° | 10.5 | 10.0 | 9.3 | 8.8 | 8.3 | 7.8 | 7.3 | 6.8 | 6.6 | 6.3 |
| 0.0 | 20° | 9.5 | 9.0 | 8.3 | 7.6 | 7.1 | 6.6 | 6.1 | 5.6 | 5.4 | 5.1 |
| 0.0 | 22.5° | 8.5 | 8.1 | 7.3 | 6.6 | 6.1 | 5.6 | 4.9 | 4.4 | 4.2 | 3.7 |
| 0.0 | 25° | 8.1 | 7.3 | 6.6 | 5.9 | 5.1 | 4.6 | 3.9 | 3.2 | 2.7 | 2.2 |
| 0.0 | 27.5° | 6.8 | 6.1 | 5.4 | 4.6 | 3.9 | 3.2 | 2.4 | 1.7 | 1.2 | 1.0 |
| 0.0 | 30° | 5.9 | 5.1 | 4.4 | 3.7 | 2.7 | 2.0 | 1.2 | 0.2 | 0.2 | 0.2 |
| 0.0 | 32.5° | 4.9 | 4.2 | 3.2 | 2.4 | 2.0 | 1.2 | 0.7 | 0.0 | 0.0 | 0.0 |
| 0.0 | 35° | 3.9 | 3.2 | 2.2 | 1.5 | 1.2 | 0.7 | 0.5 | 0.0 | 0.0 | 0.0 |
| 0.0 | 37.5° | 3.4 | 2.7 | 1.7 | 0.7 | 0.5 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 40° | 3.2 | 2.2 | 1.2 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 42.5° | 3.2 | 2.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 45° | 3.2 | 2.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 47.5° | 3.2 | 2.2 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 50° | 3.4 | 2.4 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 52.5° | 3.9 | 2.9 | 2.0 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 55° | 4.9 | 4.4 | 3.7 | 3.2 | 2.4 | 1.7 | 0.7 | 0.0 | 0.0 | 0.0 |
| 0.0 | 57.5° | *6.3* | *6.3* | *6.1* | *5.9* | *4.4* | *2.9* | *1.5* | *0.0* | *0.0* | *0.0* |
| 0.0 | 60° | 8.5 | 8.5 | 8.5 | 8.5 | 6.3 | 4.4 | 2.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 62.5° | 10.5 | 10.0 | 9.3 | 8.8 | 6.6 | 4.4 | 2.2 | 0.0 | 0.0 | 0.0 |
| 0.0 | 65° | 10.5 | 9.5 | 8.3 | 7.1 | 5.4 | 3.7 | 1.7 | 0.0 | 0.0 | 0.0 |
| 0.0 | 67.5° | 9.8 | 7.8 | 5.6 | 3.7 | 2.7 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| | 70° | 9.8 | 6.8 | 3.9 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 |
| | 72.5° | 9.8 | 6.6 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 75° | 10.7 | 7.3 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 77.5° | 10.7 | 7.3 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 80° | 9.5 | 6.3 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 82.5° | 3.2 | 2.2 | 1.0 | 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 |
| | 87.5° | 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 |
| | 92.5° | 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 |
| | 97.5° | 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 |
| | 102.5° | 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 |
| | 107.5° | 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 |

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

Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 52.5° | | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.0 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.3 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.5 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.8 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.1 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.1 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.1 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.6 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.4 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.5 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 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 |
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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 52.5° | | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 11.0 | 11.0 | 11.0 | 10.7 | 10.7 | 10.7 | 10.7 | 10.5 | 10.5 | 10.5 |
| 0.0 | 5° | 10.0 | 10.0 | 9.8 | 9.8 | 9.5 | 9.5 | 9.3 | 9.3 | 9.0 | 9.0 |
| 0.0 | 7.5° | 9.3 | 9.0 | 9.0 | 8.8 | 8.5 | 8.5 | 8.3 | 8.3 | 8.1 | 7.8 |
| 0.0 | 10° | 8.5 | 8.3 | 8.3 | 8.1 | 7.8 | 7.6 | 7.6 | 7.3 | 7.1 | 6.8 |
| 0.0 | 12.5° | 7.8 | 7.6 | 7.3 | 7.1 | 6.8 | 6.6 | 6.6 | 6.3 | 6.1 | 5.9 |
| 0.0 | 15° | 6.8 | 6.6 | 6.3 | 6.1 | 5.9 | 5.6 | 5.6 | 5.4 | 5.1 | 4.9 |
| 0.0 | 17.5° | 5.9 | 5.6 | 5.6 | 5.4 | 5.1 | 4.9 | 4.6 | 4.2 | 3.9 | 3.7 |
| 0.0 | 20° | 4.4 | 4.2 | 3.9 | 3.7 | 3.4 | 2.9 | 2.7 | 2.2 | 1.7 | 1.5 |
| 0.0 | 22.5° | 2.9 | 2.4 | 2.2 | 1.7 | 1.2 | 1.0 | 0.7 | 0.2 | 0.0 | 0.0 |
| 0.0 | 25° | 1.0 | 0.7 | 0.5 | 0.2 | 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 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 |
| | 85° | 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 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° | | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.5 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.0 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.8 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.6 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.9 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.6 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.2 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.2 | 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 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° | | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 10.3 | 10.3 | 10.3 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 0.0 | 5° | 8.8 | 8.8 | 8.8 | 8.5 | 8.5 | 8.3 | 8.3 | 8.3 | 8.1 | 8.1 |
| 0.0 | 7.5° | 7.6 | 7.3 | 7.3 | 7.1 | 7.1 | 6.8 | 6.8 | 6.8 | 6.6 | 6.6 |
| 0.0 | 10° | 6.3 | 6.1 | 6.1 | 5.9 | 5.9 | 5.6 | 5.6 | 5.4 | 5.4 | 5.1 |
| 0.0 | 12.5° | 5.6 | 5.4 | 5.1 | 4.9 | 4.9 | 4.6 | 4.4 | 4.4 | 4.2 | 3.9 |
| 0.0 | 15° | 4.4 | 4.2 | 3.9 | 3.7 | 3.4 | 3.2 | 2.9 | 2.9 | 2.7 | 2.4 |
| 0.0 | 17.5° | 2.9 | 2.4 | 2.2 | 2.0 | 2.0 | 1.7 | 1.5 | 1.2 | 1.0 | 0.7 |
| 0.0 | 20° | 0.7 | 0.5 | 0.2 | 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 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 |
| | 85° | 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 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 107.5° | | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.0 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.1 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.6 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.1 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.9 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.2 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 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 |
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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 107.5° | | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 10.0 | 9.8 | 9.8 | 9.8 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 0.0 | 5° | 8.1 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 0.0 | 7.5° | 6.6 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 0.0 | 10° | 5.1 | 4.9 | 4.9 | 4.9 | 4.9 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 |
| 0.0 | 12.5° | 3.7 | 3.7 | 3.4 | 3.4 | 3.4 | 3.2 | 3.2 | 3.2 | 3.2 | 2.9 |
| 0.0 | 15° | 2.2 | 2.0 | 1.7 | 1.7 | 1.7 | 1.5 | 1.5 | 1.5 | 1.5 | 1.2 |
| 0.0 | 17.5° | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 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 |
| | 85° | 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 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° | | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.0 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.8 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.1 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.6 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.9 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.2 | 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 |
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° | | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 10.3 | 10.3 | 10.5 | 10.5 | 10.7 | 11.2 | 11.5 | 11.7 | 12.2 | 12.7 |
| 0.0 | 5° | 8.1 | 8.3 | 8.3 | 8.5 | 8.8 | 9.0 | 9.3 | 9.5 | 10.0 | 10.5 |
| 0.0 | 7.5° | 6.3 | 6.3 | 6.6 | 6.6 | 6.8 | 7.3 | 7.6 | 7.8 | 8.3 | 9.0 |
| 0.0 | 10° | 4.9 | 4.9 | 5.1 | 5.1 | 5.4 | 5.9 | 6.1 | 6.3 | 6.8 | 7.6 |
| 0.0 | 12.5° | 3.2 | 3.4 | 3.4 | 3.7 | 3.9 | 4.4 | 4.6 | 4.9 | 5.4 | 5.9 |
| 0.0 | 15° | 1.5 | 1.7 | 1.7 | 2.0 | 2.2 | 2.7 | 2.9 | 3.2 | 3.7 | 4.4 |
| 0.0 | 17.5° | 0.2 | 0.2 | 0.5 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 2.2 | 2.7 |
| 0.0 | 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 |
| 0.0 | 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 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 |
| | 85° | 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 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 162.5° | | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.9 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.0 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.5 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.1 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.3 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.9 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3.4 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.5 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 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 |
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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 162.5° | | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 13.4 | 13.9 | 14.4 | 14.9 | 15.4 | 15.9 | 16.1 | 16.6 | 16.9 | 17.1 |
| 0.0 | 5° | 11.5 | 12.0 | 12.7 | 13.2 | 13.7 | 14.2 | 14.7 | 14.9 | 15.1 | 15.4 |
| 0.0 | 7.5° | 10.0 | 10.5 | 11.2 | 11.7 | 12.2 | 12.7 | 13.2 | 13.7 | 13.9 | 14.2 |
| 0.0 | 10° | 8.5 | 9.3 | 9.8 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 12.9 | 13.2 |
| 0.0 | 12.5° | 6.8 | 7.6 | 8.3 | 8.8 | 9.5 | 10.3 | 10.7 | 11.2 | 11.7 | 12.2 |
| 0.0 | 15° | 5.4 | 6.1 | 6.8 | 7.3 | 8.1 | 8.8 | 9.5 | 10.0 | 10.5 | 11.0 |
| 0.0 | 17.5° | 3.9 | 4.6 | 5.4 | 5.9 | 6.6 | 7.3 | 7.8 | 8.5 | 9.0 | 9.5 |
| 0.0 | 20° | 2.0 | 2.7 | 3.4 | 4.2 | 4.9 | 5.6 | 6.1 | 6.8 | 7.3 | 7.8 |
| 0.0 | 22.5° | 0.2 | 1.0 | 1.7 | 2.2 | 2.9 | 3.7 | 4.2 | 4.9 | 5.4 | 5.9 |
| 0.0 | 25° | 0.0 | 0.2 | 0.7 | 1.0 | 1.2 | 1.7 | 2.2 | 2.7 | 3.2 | 3.7 |
| 0.0 | 27.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 1.0 | 1.5 | 2.0 |
| 0.0 | 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| | 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.5 |
| | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.7 | 1.2 | 1.5 | 1.7 |
| | 87.5° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.5 | 2.0 | 2.4 | 2.7 | 2.9 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° | | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.1 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.6 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.4 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13.7 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.5 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.5 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.3 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.3 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6.3 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.4 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.4 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.7 | 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 |
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° | | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 17.3 | 17.3 | 17.3 | 17.3 | 17.1 | 17.1 | 17.1 | 16.9 | 16.9 | 16.6 |
| 0.0 | 5° | 15.9 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 15.9 | 15.9 |
| 0.0 | 7.5° | 14.7 | 14.9 | 15.1 | 15.1 | 15.4 | 15.4 | 15.4 | 15.1 | 15.1 | 14.9 |
| 0.0 | 10° | 13.9 | 14.2 | 14.2 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 |
| 0.0 | 12.5° | 12.9 | 13.2 | 13.4 | 13.4 | 13.7 | 13.7 | 13.7 | 13.7 | 13.4 | 13.4 |
| 0.0 | 15° | 11.7 | 12.2 | 12.5 | 12.7 | 12.7 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 |
| 0.0 | 17.5° | 10.7 | 11.2 | 11.5 | 11.7 | 11.7 | 12.0 | 12.0 | 12.2 | 12.2 | 12.2 |
| 0.0 | 20° | 8.8 | 9.3 | 9.5 | 10.0 | 10.3 | 10.5 | 10.7 | 11.0 | 11.0 | 11.2 |
| 0.0 | 22.5° | 6.8 | 7.3 | 7.6 | 8.1 | 8.3 | 8.5 | 8.8 | 9.0 | 9.3 | 9.5 |
| 0.0 | 25° | 4.9 | 5.4 | 5.6 | 6.1 | 6.3 | 6.6 | 6.8 | 7.1 | 7.1 | 7.3 |
| 0.0 | 27.5° | 2.7 | 3.2 | 3.7 | 3.9 | 4.4 | 4.6 | 4.9 | 5.1 | 5.4 | 5.6 |
| 0.0 | 30° | 1.2 | 1.5 | 1.7 | 2.2 | 2.4 | 2.7 | 2.9 | 3.4 | 3.7 | 3.9 |
| 0.0 | 32.5° | 0.0 | 0.0 | 0.2 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 1.7 | 2.0 |
| 0.0 | 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 |
| 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 |
| | 70° | 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 |
| | 75° | 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 |
| | 80° | 0.5 | 0.5 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| | 82.5° | 1.2 | 1.5 | 1.7 | 1.7 | 2.0 | 2.0 | 2.0 | 2.0 | 1.7 | 1.7 |
| | 85° | 2.4 | 2.7 | 2.9 | 2.9 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| | 87.5° | 3.4 | 3.7 | 3.9 | 3.9 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° | | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.6 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.9 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.9 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.4 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13.4 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.9 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.2 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.0 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.5 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.6 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5.9 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4.2 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.4 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1.5 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.5 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 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 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
| 0.7 | | | | | | | | | | | |
| 1.7 | | | | | | | | | | | |
| 3.2 | | | | | | | | | | | |
| 4.2 | | | | | | | | | | | |
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| 0.0 | | | | | | | | | | | |

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° | | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 16.4 | 16.4 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.4 | 16.6 | 16.6 |
| 0.0 | 5° | 15.6 | 15.6 | 15.4 | 15.4 | 15.4 | 15.6 | 15.6 | 15.9 | 16.1 | 16.4 |
| 0.0 | 7.5° | 14.9 | 14.7 | 14.7 | 14.9 | 14.9 | 15.1 | 15.1 | 15.4 | 15.6 | 15.9 |
| 0.0 | 10° | 14.4 | 14.2 | 14.2 | 14.2 | 14.4 | 14.4 | 14.7 | 14.9 | 15.1 | 15.4 |
| 0.0 | 12.5° | 13.4 | 13.4 | 13.4 | 13.4 | 13.7 | 13.7 | 13.9 | 14.2 | 14.7 | 14.9 |
| 0.0 | 15° | 12.9 | 12.7 | 12.7 | 12.7 | 12.7 | 12.9 | 12.9 | 13.4 | 13.9 | 14.2 |
| 0.0 | 17.5° | 12.0 | 12.0 | 11.7 | 11.7 | 12.0 | 12.0 | 12.2 | 12.7 | 13.2 | 13.4 |
| 0.0 | 20° | 11.0 | 10.7 | 10.5 | 10.5 | 10.7 | 10.7 | 11.0 | 11.5 | 12.0 | 12.2 |
| 0.0 | 22.5° | 9.5 | 9.3 | 9.3 | 9.3 | 9.3 | 9.5 | 9.5 | 10.0 | 10.7 | 11.2 |
| 0.0 | 25° | 7.6 | 7.8 | 7.8 | 8.1 | 8.1 | 8.3 | 8.5 | 9.0 | 9.8 | 10.3 |
| 0.0 | 27.5° | 5.9 | 6.1 | 6.1 | 6.6 | 6.8 | 7.1 | 7.3 | 8.1 | 8.8 | 9.3 |
| 0.0 | 30° | 4.4 | 4.6 | 4.9 | 5.1 | 5.6 | 6.1 | 6.6 | 7.3 | 8.1 | 8.5 |
| 0.0 | 32.5° | 2.7 | 3.2 | 3.4 | 3.9 | 4.4 | 4.9 | 5.4 | 6.1 | 7.1 | 7.8 |
| 0.0 | 35° | 2.0 | 2.2 | 2.7 | 2.9 | 3.4 | 3.9 | 4.4 | 5.4 | 6.1 | 7.1 |
| 0.0 | 37.5° | 1.0 | 1.5 | 2.0 | 2.4 | 2.9 | 3.4 | 3.9 | 4.9 | 5.9 | 6.6 |
| 0.0 | 40° | 0.7 | 1.2 | 1.5 | 2.0 | 2.7 | 3.2 | 3.7 | 4.6 | 5.6 | 6.6 |
| 0.0 | 42.5° | 0.5 | 0.7 | 1.0 | 1.7 | 2.2 | 2.9 | 3.7 | 4.6 | 5.6 | 6.6 |
| 0.0 | 45° | 0.5 | 0.5 | 0.7 | 1.5 | 2.2 | 3.2 | 3.9 | 4.9 | 5.6 | 6.6 |
| 0.0 | 47.5° | 0.5 | 0.7 | 1.0 | 2.0 | 2.4 | 3.2 | 3.9 | 4.6 | 5.6 | 6.3 |
| 0.0 | 50° | 0.7 | 1.0 | 1.2 | 2.2 | 2.7 | 3.4 | 3.9 | 4.9 | 5.6 | 6.6 |
| 0.0 | 52.5° | 0.5 | 0.7 | 1.0 | 2.0 | 2.7 | 3.7 | 4.4 | 5.4 | 6.3 | 7.1 |
| 0.0 | 55° | 0.2 | 0.2 | 0.2 | 1.5 | 2.9 | 4.2 | 5.6 | 6.3 | 7.3 | 8.1 |
| 0.0 | 57.5° | *0.0* | *0.0* | *0.0* | *1.0* | *2.9* | *4.6* | *6.3* | *7.3* | *8.3* | *9.0* |
| 0.0 | 60° | 0.0 | 0.0 | 0.0 | 1.0 | 2.9 | 4.6 | 6.3 | 7.6 | 8.8 | 10.0 |
| 0.0 | 62.5° | 0.0 | 0.0 | 0.0 | 1.0 | 2.4 | 3.9 | 5.4 | 7.3 | 9.5 | 11.5 |
| 0.0 | 65° | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 | 3.2 | 4.4 | 7.3 | 10.3 | 12.9 |
| 0.0 | 67.5° | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 | 2.9 | 4.2 | 7.3 | 10.3 | 13.4 |
| | 70° | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 | 3.2 | 4.4 | 7.3 | 10.3 | 13.2 |
| | 72.5° | 0.0 | 0.0 | 0.0 | 0.7 | 2.2 | 3.4 | 4.9 | 7.3 | 9.8 | 12.2 |
| | 75° | 0.0 | 0.0 | 0.0 | 1.0 | 2.2 | 3.7 | 5.1 | 7.3 | 9.5 | 11.5 |
| | 77.5° | 0.0 | 0.0 | 0.0 | 0.7 | 2.2 | 3.4 | 4.9 | 7.1 | 9.3 | 11.2 |
| | 80° | 0.7 | 0.5 | 0.5 | 1.2 | 2.2 | 3.2 | 4.2 | 6.3 | 8.8 | 11.0 |
| | 82.5° | 1.5 | 1.5 | 1.2 | 1.7 | 2.2 | 2.9 | 3.7 | 5.6 | 7.8 | 9.8 |
| | 85° | 2.9 | 2.9 | 2.7 | 2.9 | 2.9 | 3.2 | 3.4 | 4.4 | 5.4 | 6.3 |
| | 87.5° | 3.9 | 3.9 | 3.7 | 3.7 | 3.7 | 3.4 | 3.4 | 3.4 | 3.4 | 3.2 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° | | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.9 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.6 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.1 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.6 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.1 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.7 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13.9 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.7 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.7 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.7 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10.0 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9.3 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.5 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.8 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.6 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.6 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.6 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.3 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.1 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.3 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.1 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8.8 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *10.0* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11.2 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13.4 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.9 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.4 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.1 | | | | | | | | | | | |
| 14.7 | | | | | | | | | | | |
| 13.7 | | | | | | | | | | | |
| 13.4 | | | | | | | | | | | |
| 13.2 | | | | | | | | | | | |
| 11.7 | | | | | | | | | | | |
| 7.3 | | | | | | | | | | | |
| 3.2 | | | | | | | | | | | |
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| 0.0 | | | | | | | | | | | |

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

Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° | | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 17.1 | 17.3 | 17.3 | 17.6 | 17.8 | 18.1 | 18.1 | 18.3 | 18.3 | 18.3 |
| 0.0 | 5° | 16.9 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.6 | 18.8 | 19.0 | 19.0 |
| 0.0 | 7.5° | 16.6 | 16.9 | 17.3 | 17.6 | 18.1 | 18.3 | 18.8 | 19.0 | 19.3 | 19.5 |
| 0.0 | 10° | 16.1 | 16.6 | 17.1 | 17.6 | 18.1 | 18.6 | 19.0 | 19.5 | 20.0 | 20.3 |
| 0.0 | 12.5° | 15.6 | 16.4 | 16.9 | 17.3 | 18.1 | 18.8 | 19.3 | 20.0 | 20.5 | 21.0 |
| 0.0 | 15° | 15.4 | 15.9 | 16.6 | 17.1 | 18.1 | 19.0 | 19.8 | 20.8 | 21.7 | 22.5 |
| 0.0 | 17.5° | 14.7 | 15.6 | 16.4 | 17.1 | 18.1 | 19.3 | 20.3 | 21.2 | 22.7 | 24.2 |
| 0.0 | 20° | 13.7 | 14.4 | 15.4 | 16.1 | 17.6 | 18.8 | 20.3 | 21.5 | 23.7 | 25.9 |
| 0.0 | 22.5° | 12.7 | 13.7 | 14.4 | 15.4 | 17.1 | 18.6 | 20.3 | 21.7 | 25.4 | 28.8 |
| 0.0 | 25° | 11.7 | 12.9 | 13.9 | 14.9 | 16.9 | 18.8 | 20.8 | 22.7 | 28.8 | 34.9 |
| 0.0 | 27.5° | 11.2 | 12.2 | 13.4 | 14.4 | 16.9 | 19.5 | 22.0 | 24.4 | 34.2 | 43.7 |
| 0.0 | 30° | 10.5 | 11.7 | 12.7 | 13.9 | 17.1 | 20.3 | 23.4 | 26.6 | 41.5 | 56.4 |
| 0.0 | 32.5° | 9.8 | 11.0 | 12.2 | 13.4 | 17.6 | 21.7 | 25.6 | 29.8 | 49.3 | 68.6 |
| 0.0 | 35° | 9.0 | 10.5 | 11.7 | 12.9 | 18.3 | 23.9 | 29.3 | 34.7 | 56.4 | 77.9 |
| 0.0 | 37.5° | 8.8 | 10.3 | 11.5 | 12.7 | 18.6 | 24.2 | 30.0 | 35.7 | 57.1 | 78.6 |
| 0.0 | 40° | 9.0 | 10.3 | 11.7 | 12.9 | 17.8 | 22.7 | 27.4 | 32.2 | 54.7 | 76.9 |
| 0.0 | 42.5° | 9.0 | 10.5 | 12.0 | 13.4 | 17.3 | 21.2 | 25.2 | 29.1 | 54.0 | 78.9 |
| 0.0 | 45° | 8.8 | 10.3 | 11.7 | 13.2 | 16.9 | 20.3 | 23.9 | 27.4 | 58.4 | 89.1 |
| 0.0 | 47.5° | 8.5 | 10.0 | 11.5 | 12.9 | 16.6 | 20.3 | 23.9 | 27.6 | 75.5 | 123.1 |
| 0.0 | 50° | 8.5 | 10.0 | 11.2 | 12.5 | 16.9 | 21.5 | 25.9 | 30.3 | 109.9 | 189.3 |
| 0.0 | 52.5° | 9.0 | 10.3 | 11.2 | 12.2 | 17.3 | 22.7 | 27.8 | 33.0 | 139.7 | 246.2 |
| 0.0 | 55° | 9.8 | 10.5 | 11.5 | 12.2 | 18.6 | 24.7 | 31.0 | 37.1 | 148.7 | 260.3 |
| 0.0 | 57.5° | *10.7* | *11.5* | *12.2* | *12.9* | *20.8* | *28.6* | *36.1* | *44.0* | *149.5* | *254.7* |
| 0.0 | 60° | 12.0 | 12.9 | 13.7 | 14.4 | 22.7 | 31.3 | 39.6 | 47.9 | 135.3 | 222.5 |
| 0.0 | 62.5° | 14.7 | 15.9 | 16.9 | 18.1 | 26.1 | 33.9 | 42.0 | 49.8 | 112.3 | 174.9 |
| 0.0 | 65° | 16.9 | 17.8 | 18.8 | 19.8 | 27.6 | 35.7 | 43.5 | 51.3 | 95.2 | 139.2 |
| 0.0 | 67.5° | 17.3 | 18.3 | 19.0 | 20.0 | 28.1 | 36.1 | 44.0 | 52.0 | 81.6 | 110.9 |
| | 70° | 17.6 | 18.8 | 20.3 | 21.5 | 29.8 | 38.1 | 46.2 | 54.5 | 72.3 | 90.1 |
| | 72.5° | 16.9 | 19.3 | 21.5 | 23.7 | 31.5 | 39.1 | 46.9 | 54.5 | 67.2 | 79.9 |
| | 75° | 16.9 | 20.3 | 23.4 | 26.6 | 32.5 | 38.1 | 44.0 | 49.6 | 59.3 | 69.1 |
| | 77.5° | 17.8 | 22.2 | 26.6 | 31.0 | 34.4 | 37.6 | 41.0 | 44.2 | 50.6 | 56.9 |
| | 80° | 17.8 | 22.5 | 26.9 | 31.5 | 33.0 | 34.7 | 36.1 | 37.6 | 38.3 | 39.1 |
| | 82.5° | 15.4 | 19.0 | 22.7 | 26.4 | 24.7 | 23.0 | 21.2 | 19.5 | 18.3 | 16.9 |
| | 85° | 7.8 | 8.5 | 9.0 | 9.5 | 8.8 | 8.1 | 7.3 | 6.6 | 6.1 | 5.4 |
| | 87.5° | 3.2 | 3.2 | 2.9 | 2.9 | 2.9 | 2.9 | 2.7 | 2.7 | 2.7 | 2.7 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° | | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18.3 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 19.0 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 19.8 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20.8 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21.7 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23.7 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26.1 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30.0 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38.3 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.0 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.3 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.9 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.4 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 139.0 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 151.4 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 163.9 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 188.3 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 237.1 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 361.4 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 553.6 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 697.0 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 712.9 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *643.3* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 550.0 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 429.8 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 324.8 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 239.8 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 169.7 | | | | | | | | | | | |
| 126.3 | | | | | | | | | | | |
| 91.8 | | | | | | | | | | | |
| 69.1 | | | | | | | | | | | |
| 38.8 | | | | | | | | | | | |
| 17.6 | | | | | | | | | | | |
| 5.1 | | | | | | | | | | | |
| 2.4 | | | | | | | | | | | |
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| 0.0 | | | | | | | | | | | |

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° | | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 18.3 | 18.1 | 18.1 | 17.8 | 17.6 | 17.3 | 17.1 | 16.9 | 16.6 | 16.4 |
| 0.0 | 5° | 19.0 | 19.0 | 19.0 | 18.8 | 18.8 | 18.6 | 18.6 | 18.3 | 18.1 | 17.8 |
| 0.0 | 7.5° | 19.8 | 20.0 | 20.0 | 20.3 | 20.3 | 20.3 | 20.3 | 20.0 | 20.0 | 20.0 |
| 0.0 | 10° | 21.0 | 21.2 | 21.5 | 21.7 | 22.0 | 22.2 | 22.2 | 22.5 | 22.5 | 22.5 |
| 0.0 | 12.5° | 22.5 | 23.2 | 23.7 | 24.4 | 24.9 | 25.6 | 26.1 | 26.9 | 27.4 | 27.8 |
| 0.0 | 15° | 24.7 | 25.9 | 27.4 | 28.6 | 29.8 | 31.5 | 33.5 | 35.2 | 36.9 | 39.6 |
| 0.0 | 17.5° | 27.8 | 31.7 | 35.7 | 39.3 | 43.2 | 51.8 | 60.3 | 68.6 | 77.2 | 89.6 |
| 0.0 | 20° | 33.9 | 45.7 | 57.1 | 68.9 | 80.3 | 110.4 | 140.2 | 170.2 | 200.0 | 232.0 |
| 0.0 | 22.5° | 47.6 | 76.4 | 105.3 | 134.1 | 162.9 | 225.7 | 288.2 | 350.9 | 413.5 | 487.0 |
| 0.0 | 25° | 69.1 | 122.1 | 175.1 | 227.9 | 280.9 | 379.0 | 477.4 | 575.6 | 673.8 | 769.3 |
| 0.0 | 27.5° | 100.6 | 181.7 | 262.8 | 343.6 | 424.7 | 557.8 | 691.1 | 824.2 | 957.3 | 1065.3 |
| 0.0 | 30° | 139.4 | 249.3 | 359.2 | 469.1 | 579.0 | 730.5 | 881.9 | 1033.0 | 1184.5 | 1302.4 |
| 0.0 | 32.5° | 176.1 | 310.6 | 445.2 | 579.5 | 714.1 | 886.5 | 1059.2 | 1231.6 | 1404.0 | 1533.0 |
| 0.0 | 35° | 200.0 | 362.7 | 525.6 | 688.2 | 850.9 | 1037.4 | 1224.0 | 1410.4 | 1596.9 | 1744.2 |
| 0.0 | 37.5° | 223.9 | 411.8 | 599.3 | 787.1 | 974.7 | 1179.6 | 1384.5 | 1589.4 | 1794.3 | 1976.2 |
| 0.0 | 40° | 250.8 | 471.1 | 691.1 | 911.4 | 1131.5 | 1374.2 | 1616.7 | 1859.5 | 2102.0 | 2358.7 |
| 0.0 | 42.5° | 297.5 | 569.5 | 841.8 | 1113.9 | 1385.9 | 1707.1 | 2028.2 | 2349.1 | 2670.3 | 3036.6 |
| 0.0 | 45° | 385.1 | 768.6 | 1152.2 | 1535.6 | 1919.1 | 2344.5 | 2770.2 | 3195.6 | 3621.0 | 4108.5 |
| 0.0 | 47.5° | 599.8 | 1127.3 | 1654.6 | 2182.1 | 2709.3 | 3168.7 | 3627.9 | 4087.2 | 4546.4 | 5031.9 |
| 0.0 | 50° | 917.8 | 1531.7 | 2145.7 | 2759.4 | 3373.4 | 3789.0 | 4204.4 | 4620.1 | 5035.5 | 5497.3 |
| 0.0 | 52.5° | 1147.8 | 1787.4 | 2427.3 | 3066.9 | 3706.5 | 4081.6 | 4457.0 | 4832.1 | 5207.2 | 5638.7 |
| 0.0 | 55° | 1165.2 | 1801.1 | 2437.3 | 3073.2 | 3709.2 | 4086.0 | 4462.8 | 4839.7 | 5216.5 | 5673.9 |
| 0.0 | 57.5° | *1031.6* | *1662.4* | *2293.0* | *2923.8* | *3554.3* | *3983.4* | *4412.3* | *4841.4* | *5270.2* | *5764.8* |
| 0.0 | 60° | 877.5 | 1508.5 | 2139.3 | 2770.4 | 3401.2 | 3895.5 | 4390.1 | 4884.4 | 5378.6 | 5841.9 |
| 0.0 | 62.5° | 684.5 | 1333.7 | 1983.0 | 2632.2 | 3281.3 | 3783.2 | 4285.0 | 4786.7 | 5288.5 | 5636.1 |
| 0.0 | 65° | 510.2 | 1140.5 | 1770.8 | 2400.9 | 3031.2 | 3433.2 | 3835.2 | 4236.9 | 4638.9 | 4854.1 |
| 0.0 | 67.5° | 368.8 | 912.4 | 1455.8 | 1999.4 | 2542.8 | 2830.5 | 3118.2 | 3405.6 | 3693.3 | 3857.9 |
| | 70° | 249.3 | 625.9 | 1002.3 | 1378.9 | 1755.2 | 1991.6 | 2228.2 | 2464.6 | 2701.0 | 2923.3 |
| | 72.5° | 172.7 | 384.2 | 595.9 | 807.4 | 1018.9 | 1256.7 | 1494.4 | 1732.2 | 1969.9 | 2205.0 |
| | 75° | 114.5 | 210.8 | 307.2 | 403.4 | 499.7 | 675.8 | 852.1 | 1028.2 | 1204.2 | 1344.4 |
| | 77.5° | 81.3 | 110.1 | 139.2 | 168.0 | 196.8 | 229.8 | 263.0 | 296.0 | 329.0 | 379.0 |
| | 80° | 38.6 | 42.2 | 45.9 | 49.3 | 53.0 | 65.0 | 76.9 | 88.9 | 100.9 | 113.6 |
| | 82.5° | 18.3 | 19.8 | 21.2 | 22.5 | 23.9 | 25.2 | 26.4 | 27.6 | 28.8 | 27.6 |
| | 85° | 4.9 | 4.9 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 4.9 |
| | 87.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.0 | 2.0 | 1.7 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 300° | | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16.1 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.6 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 19.8 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22.7 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28.1 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 101.8 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 264.2 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 560.5 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 864.8 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1173.2 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1420.6 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1662.1 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1891.5 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2158.4 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2615.3 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3402.9 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4595.9 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5517.4 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5959.2 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6070.3 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6131.6 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *6259.3* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6305.0 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5983.8 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5069.5 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4022.8 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3145.3 | | | | | | | | | | | |
| 2440.2 | | | | | | | | | | | |
| 1484.6 | | | | | | | | | | | |
| 429.1 | | | | | | | | | | | |
| 126.3 | | | | | | | | | | | |
| 26.1 | | | | | | | | | | | |
| 4.6 | | | | | | | | | | | |
| 1.7 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | |
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| 0.0 | | | | | | | | | | | |

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

Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 300° | | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 2.5° | 15.9 | 15.6 | 15.4 | 15.1 | 14.9 | 14.4 | 14.4 | 14.2 | 14.2 |
| 0.0 | 5° | 17.3 | 17.1 | 16.9 | 16.6 | 16.6 | 16.4 | 16.1 | 16.1 | 15.9 |
| 0.0 | 7.5° | 19.8 | 19.5 | 19.3 | 19.0 | 19.0 | 18.8 | 18.8 | 18.6 | 18.6 |
| 0.0 | 10° | 22.7 | 22.7 | 22.7 | 22.7 | 22.7 | 22.5 | 22.5 | 22.5 | 22.2 |
| 0.0 | 12.5° | 28.6 | 28.8 | 29.3 | 29.8 | 30.5 | 30.5 | 30.5 | 30.3 | 30.3 |
| 0.0 | 15° | 45.2 | 47.9 | 49.8 | 51.8 | 53.5 | 57.4 | 56.9 | 56.2 | 55.7 |
| 0.0 | 17.5° | 114.3 | 126.5 | 133.1 | 139.4 | 146.0 | 164.1 | 161.2 | 158.3 | 155.6 |
| 0.0 | 20° | 296.2 | 328.2 | 349.5 | 370.7 | 392.2 | 426.2 | 417.9 | 409.6 | 401.2 |
| 0.0 | 22.5° | 633.7 | 707.3 | 739.2 | 771.2 | 803.0 | 844.0 | 817.4 | 790.8 | 764.4 |
| 0.0 | 25° | 960.0 | 1055.5 | 1109.5 | 1163.5 | 1217.2 | 1240.6 | 1205.9 | 1171.0 | 1136.3 |
| 0.0 | 27.5° | 1281.2 | 1389.1 | 1436.7 | 1484.1 | 1531.7 | 1580.8 | 1537.8 | 1494.6 | 1451.6 |
| 0.0 | 30° | 1538.6 | 1656.5 | 1708.1 | 1759.3 | 1810.9 | 1845.1 | 1800.6 | 1755.9 | 1711.5 |
| 0.0 | 32.5° | 1791.1 | 1920.0 | 1976.5 | 2032.9 | 2089.0 | 2138.1 | 2083.4 | 2028.5 | 1973.8 |
| 0.0 | 35° | 2038.5 | 2185.7 | 2263.4 | 2341.1 | 2418.7 | 2464.4 | 2399.4 | 2334.2 | 2269.3 |
| 0.0 | 37.5° | 2340.3 | 2522.3 | 2609.2 | 2696.2 | 2783.1 | 2866.4 | 2794.8 | 2723.0 | 2651.5 |
| 0.0 | 40° | 2872.0 | 3128.7 | 3262.0 | 3395.6 | 3528.9 | 3636.4 | 3546.0 | 3455.7 | 3365.3 |
| 0.0 | 42.5° | 3769.3 | 4135.6 | 4327.3 | 4518.8 | 4710.5 | 4878.2 | 4783.2 | 4688.2 | 4593.2 |
| 0.0 | 45° | 5083.4 | 5570.8 | 5804.6 | 6038.0 | 6271.8 | 6394.3 | 6257.6 | 6120.6 | 5983.8 |
| 0.0 | 47.5° | 6002.6 | 6488.1 | 6696.2 | 6904.3 | 7112.3 | 7252.3 | 7085.0 | 6917.7 | 6750.7 |
| 0.0 | 50° | 6420.7 | 6882.5 | 7091.3 | 7299.9 | 7508.7 | 7619.8 | 7426.7 | 7233.2 | 7040.1 |
| 0.0 | 52.5° | 6501.6 | 6933.1 | 7182.2 | 7431.5 | 7680.6 | 7829.1 | 7601.0 | 7372.7 | 7144.6 |
| 0.0 | 55° | 6589.0 | 7046.4 | 7335.3 | 7624.5 | 7913.4 | 8119.0 | 7861.1 | 7603.0 | 7345.1 |
| 0.0 | 57.5° | 6753.6 | 7248.1 | 7536.3 | 7824.2 | 8112.4 | 8287.0 | 8028.4 | 7769.5 | 7510.9 |
| 0.0 | 60° | 6768.2 | 7231.3 | 7478.9 | 7726.8 | 7974.4 | 8084.3 | 7836.9 | 7589.3 | 7341.9 |
| 0.0 | 62.5° | 6331.3 | 6678.9 | 6850.8 | 7022.7 | 7194.6 | 7314.1 | 7055.9 | 6797.6 | 6539.4 |
| 0.0 | 65° | 5284.6 | 5499.8 | 5636.8 | 5773.8 | 5910.8 | 6053.2 | 5816.8 | 5580.4 | 5344.0 |
| 0.0 | 67.5° | 4187.4 | 4352.0 | 4532.4 | 4712.9 | 4893.4 | 5045.5 | 4856.3 | 4666.8 | 4477.5 |
| | 70° | 3367.5 | 3589.5 | 3792.5 | 3995.4 | 4198.3 | 4322.9 | 4132.9 | 3942.6 | 3752.6 |
| | 72.5° | 2675.4 | 2910.6 | 3080.1 | 3249.3 | 3418.8 | 3449.3 | 3309.6 | 3169.9 | 3030.5 |
| | 75° | 1624.5 | 1764.7 | 1768.1 | 1771.3 | 1774.7 | 1803.8 | 1688.0 | 1572.3 | 1456.8 |
| | 77.5° | 479.2 | 529.2 | 570.5 | 611.5 | 652.8 | 702.6 | 660.1 | 617.4 | 574.9 |
| | 80° | 138.7 | 151.4 | 162.2 | 172.7 | 183.4 | 177.1 | 167.0 | 157.0 | 147.0 |
| | 82.5° | 24.9 | 23.4 | 23.2 | 23.0 | 23.0 | 21.7 | 19.8 | 17.8 | 15.9 |
| | 85° | 4.4 | 4.2 | 3.9 | 3.7 | 3.4 | 3.2 | 2.7 | 2.4 | 2.0 |
| | 87.5° | 1.5 | 1.2 | 1.0 | 0.7 | 0.7 | 0.2 | 0.2 | 0.2 | 0.0 |
| | 90° | 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 |
| | 95° | 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 |
| | 100° | 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 |
| | 105° | 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 |
| | 110° | 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

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**CANDELA DISTRIBUTION (continued):**

| 325° | 327.5° | | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 13.9 | 13.9 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 15.6 | 15.6 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 18.3 | 18.1 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 22.2 | 22.0 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 30.0 | 29.3 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 54.9 | 52.3 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 152.6 | 139.7 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 392.9 | 357.8 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 737.8 | 672.6 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 1101.4 | 1019.4 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 1408.6 | 1314.1 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 1667.0 | 1565.4 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 1919.1 | 1797.4 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 2204.3 | 2062.4 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 2579.7 | 2405.3 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 3275.0 | 3050.3 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 4498.2 | 4194.7 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 5847.1 | 5470.5 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 6583.4 | 6176.8 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 6846.9 | 6432.9 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 6916.2 | 6494.0 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 7086.9 | 6633.9 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| *7252.3* | *6787.8* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 7094.5 | 6690.1 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 6281.0 | 5959.2 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 5107.6 | 4872.6 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 4288.2 | 4023.5 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | *0.0* | 0.0 | 0.0 | 0.0 |
| 3562.4 | 3274.2 | | | | | | | | | | |
| 2890.8 | 2631.2 | | | | | | | | | | |
| 1341.0 | 1237.2 | | | | | | | | | | |
| 532.4 | 476.2 | | | | | | | | | | |
| 137.0 | 122.8 | | | | | | | | | | |
| 13.9 | 13.2 | | | | | | | | | | |
| 1.5 | 1.2 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 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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**CANDELA DISTRIBUTION (continued):**

| 325° | 327.5° | | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 |
| 0.0 | 0.0 | 2.5° | 13.9 | 13.7 | 13.7 | 13.7 | 13.7 | 13.4 | 13.4 | 13.4 | 13.4 |
| 0.0 | 0.0 | 5° | 15.4 | 15.4 | 15.1 | 15.1 | 14.9 | 14.9 | 14.7 | 14.7 | 14.4 |
| 0.0 | 0.0 | 7.5° | 18.1 | 17.8 | 17.6 | 17.3 | 17.1 | 16.6 | 16.4 | 16.1 | 16.1 |
| 0.0 | 0.0 | 10° | 21.7 | 21.2 | 21.0 | 20.5 | 20.3 | 19.8 | 19.3 | 18.8 | 18.3 |
| 0.0 | 0.0 | 12.5° | 28.6 | 27.6 | 26.9 | 25.9 | 24.9 | 24.2 | 23.2 | 22.5 | 21.5 |
| 0.0 | 0.0 | 15° | 49.6 | 47.1 | 44.4 | 41.3 | 37.9 | 34.7 | 31.3 | 29.3 | 27.1 |
| 0.0 | 0.0 | 17.5° | 126.7 | 114.0 | 101.1 | 90.6 | 80.1 | 69.8 | 59.3 | 51.8 | 44.2 |
| 0.0 | 0.0 | 20° | 322.6 | 287.4 | 252.3 | 217.6 | 182.7 | 148.0 | 113.1 | 95.5 | 77.9 |
| 0.0 | 0.0 | 22.5° | 607.1 | 541.9 | 476.5 | 413.2 | 349.7 | 286.5 | 223.2 | 183.4 | 143.8 |
| 0.0 | 0.0 | 25° | 937.1 | 855.0 | 772.9 | 668.9 | 564.6 | 460.6 | 356.6 | 291.8 | 227.1 |
| 0.0 | 0.0 | 27.5° | 1219.4 | 1124.9 | 1030.4 | 903.8 | 777.3 | 650.8 | 524.3 | 427.9 | 331.6 |
| 0.0 | 0.0 | 30° | 1463.8 | 1362.2 | 1260.7 | 1113.4 | 966.1 | 818.9 | 671.6 | 551.0 | 430.3 |
| 0.0 | 0.0 | 32.5° | 1675.8 | 1554.2 | 1432.6 | 1280.7 | 1128.8 | 976.9 | 825.0 | 677.0 | 529.0 |
| 0.0 | 0.0 | 35° | 1920.3 | 1778.4 | 1636.3 | 1467.7 | 1299.0 | 1130.5 | 962.0 | 794.9 | 627.6 |
| 0.0 | 0.0 | 37.5° | 2230.9 | 2056.8 | 1882.4 | 1694.6 | 1506.8 | 1319.3 | 1131.5 | 940.5 | 749.5 |
| 0.0 | 0.0 | 40° | 2825.6 | 2600.9 | 2376.2 | 2137.6 | 1898.8 | 1660.2 | 1421.6 | 1187.1 | 952.7 |
| 0.0 | 0.0 | 42.5° | 3891.1 | 3587.6 | 3284.0 | 2966.5 | 2648.8 | 2331.3 | 2013.6 | 1682.9 | 1352.0 |
| 0.0 | 0.0 | 45° | 5093.6 | 4717.1 | 4340.2 | 3983.9 | 3627.4 | 3271.1 | 2914.7 | 2461.0 | 2007.2 |
| 0.0 | 0.0 | 47.5° | 5769.9 | 5363.3 | 4956.6 | 4619.4 | 4282.1 | 3944.8 | 3607.6 | 3118.4 | 2629.2 |
| 0.0 | 0.0 | 50° | 6018.7 | 5604.8 | 5190.8 | 4880.4 | 4569.8 | 4259.4 | 3948.8 | 3458.9 | 2968.7 |
| 0.0 | 0.0 | 52.5° | 6071.7 | 5649.5 | 5227.2 | 4914.9 | 4602.5 | 4290.4 | 3978.1 | 3491.3 | 3004.6 |
| 0.0 | 0.0 | 55° | 6180.7 | 5727.6 | 5274.4 | 4918.3 | 4562.2 | 4206.2 | 3850.1 | 3355.5 | 2861.0 |
| 0.0 | 0.0 | 57.5° | *6323.0* | *5858.5* | *5394.0* | *4988.4* | *4582.7* | *4177.3* | *3771.7* | *3231.0* | *2690.3* |
| 0.0 | 0.0 | 60° | 6285.7 | 5881.5 | 5477.1 | 5042.6 | 4607.9 | 4173.4 | 3738.7 | 3144.1 | 2549.1 |
| 0.0 | 0.0 | 62.5° | 5637.0 | 5315.2 | 4993.0 | 4635.7 | 4278.2 | 3920.9 | 3563.6 | 2951.4 | 2339.1 |
| 0.0 | 0.0 | 65° | 4637.4 | 4402.5 | 4167.6 | 3880.1 | 3592.4 | 3305.0 | 3017.6 | 2468.6 | 1919.8 |
| 0.0 | 0.0 | 67.5° | 3758.5 | 3493.8 | 3228.8 | 2999.7 | 2770.4 | 2541.3 | 2312.0 | 1880.0 | 1448.0 |
| | | 70° | 2986.0 | 2698.1 | 2409.9 | 2186.2 | 1962.3 | 1738.6 | 1514.9 | 1227.7 | 940.7 |
| | | 72.5° | 2371.4 | 2111.7 | 1852.1 | 1613.5 | 1374.7 | 1136.1 | 897.3 | 727.5 | 557.8 |
| | | 75° | 1133.4 | 1029.6 | 925.8 | 801.0 | 676.2 | 551.4 | 426.6 | 352.7 | 278.9 |
| | | 77.5° | 420.1 | 364.1 | 308.0 | 257.2 | 206.4 | 155.8 | 105.0 | 96.2 | 87.4 |
| | | 80° | 108.7 | 94.8 | 80.6 | 70.6 | 60.3 | 50.3 | 40.3 | 36.4 | 32.7 |
| | | 82.5° | 12.5 | 11.5 | 10.7 | 10.3 | 9.5 | 9.0 | 8.3 | 7.6 | 6.8 |
| | | 85° | 0.7 | 0.5 | 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 |
| | | 90° | 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 |
| | | 95° | 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 |
| | | 100° | 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 |
| | | 105° | 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 |
| | | 110° | 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):**

| 352.5° | 355° | | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14.2 | 14.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13.2 | 13.2 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14.4 | 14.2 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15.9 | 15.6 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.8 | 17.3 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20.8 | 19.8 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25.2 | 23.0 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36.4 | 28.8 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60.3 | 42.7 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104.0 | 64.2 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.4 | 97.7 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 235.2 | 138.7 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 309.7 | 189.0 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 380.7 | 232.7 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 460.6 | 293.3 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 558.5 | 367.5 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 718.0 | 483.6 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1021.3 | 690.4 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1553.5 | 1099.7 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2140.1 | 1650.9 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2478.8 | 1988.7 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2517.6 | 2030.9 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2366.5 | 1871.9 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| *2149.4* | *1608.7* | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1954.5 | 1359.6 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1726.9 | 1114.6 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1370.8 | 821.8 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1015.9 | 583.9 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 653.5 | 366.3 | | | | | | | | | | |
| 388.1 | 218.3 | | | | | | | | | | |
| 204.9 | 130.9 | | | | | | | | | | |
| 78.6 | 69.8 | | | | | | | | | | |
| 28.8 | 24.9 | | | | | | | | | | |
| 5.9 | 5.1 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 0.0 | | | | | | | | | | |
| 0.0 | 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: P1064593
CATALOG NUMBER: GLAN-SA1A-730-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 352.5° | 355° | | 357.5° | 360° |
|---|---|---|---|---|
| 0.0 | 0.0 | 0° | 14.2 | 14.2 |
| 0.0 | 0.0 | 2.5° | 13.2 | 12.9 |
| 0.0 | 0.0 | 5° | 13.9 | 13.7 |
| 0.0 | 0.0 | 7.5° | 15.4 | 14.9 |
| 0.0 | 0.0 | 10° | 16.9 | 16.4 |
| 0.0 | 0.0 | 12.5° | 19.0 | 18.3 |
| 0.0 | 0.0 | 15° | 21.5 | 20.0 |
| 0.0 | 0.0 | 17.5° | 25.6 | 22.5 |
| 0.0 | 0.0 | 20° | 34.7 | 26.6 |
| 0.0 | 0.0 | 22.5° | 48.8 | 33.2 |
| 0.0 | 0.0 | 25° | 71.8 | 45.9 |
| 0.0 | 0.0 | 27.5° | 99.9 | 61.1 |
| 0.0 | 0.0 | 30° | 132.9 | 76.4 |
| 0.0 | 0.0 | 32.5° | 161.9 | 91.1 |
| 0.0 | 0.0 | 35° | 199.8 | 106.0 |
| 0.0 | 0.0 | 37.5° | 246.4 | 125.0 |
| 0.0 | 0.0 | 40° | 318.7 | 153.9 |
| 0.0 | 0.0 | 42.5° | 448.9 | 207.1 |
| 0.0 | 0.0 | 45° | 729.0 | 358.0 |
| 0.0 | 0.0 | 47.5° | 1121.7 | 592.2 |
| 0.0 | 0.0 | 50° | 1372.3 | 755.9 |
| 0.0 | 0.0 | 52.5° | 1392.8 | 754.6 |
| 0.0 | 0.0 | 55° | 1271.4 | 670.9 |
| 0.0 | 0.0 | 57.5° | *1084.8* | *560.7* |
| 0.0 | 0.0 | 60° | 901.7 | 443.5 |
| 0.0 | 0.0 | 62.5° | 710.4 | 306.2 |
| 0.0 | 0.0 | 65° | 519.2 | 216.6 |
| 0.0 | 0.0 | 67.5° | 372.9 | 161.9 |
| | | 70° | 245.2 | 124.1 |
| | | 72.5° | 159.7 | 101.1 |
| | | 75° | 107.5 | 83.8 |
| | | 77.5° | 62.8 | 55.7 |
| | | 80° | 22.2 | 19.5 |
| | | 82.5° | 4.2 | 2.9 |
| | | 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 |

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

Scaled Data Report

REPORT NUMBER: P1064593
CATALOG NUMBER: GLAN-SA1A-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

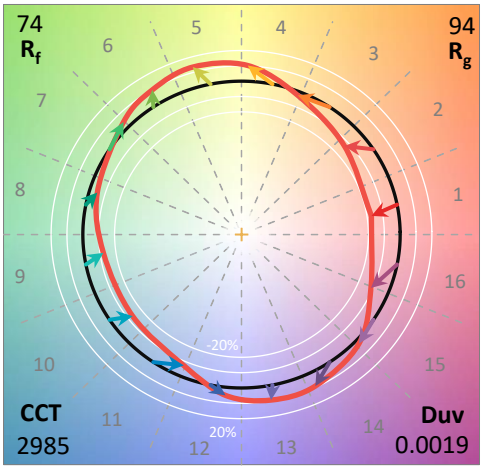
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-4 |
| 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-730-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 2985 |
| CIE u': | 0.2504 |
| CIE v': | 0.5243 |
| Duv: | 0.0019 |
| CIE x: | 0.4408 |
| CIE y: | 0.4101 |
| CIE z: | 0.1491 |
| Peak Wavelength (nm): | 595 |
| Dominant Wavelength (nm): | 582 |
| Purity: | 55.41818 |
| Rf: | 73.8 |
| Rg: | 94.4 |

| | |
|---|---|
| CRI (Ra): | 70.8 |
| R1: | 66.3 |
| R2: | 80.6 |
| R3: | 94.5 |
| R4: | 68.2 |
| R5: | 66.5 |
| R6: | 74.7 |
| R7: | 76.2 |
| R8: | 39.6 |
| R9: | -43.2 |
| R10: | 57.6 |
| R11: | 64.8 |
| R12: | 53.5 |
| R13: | 68.7 |
| R14: | 97.0 |
| R15: | 56.4 |




## Test Conditions

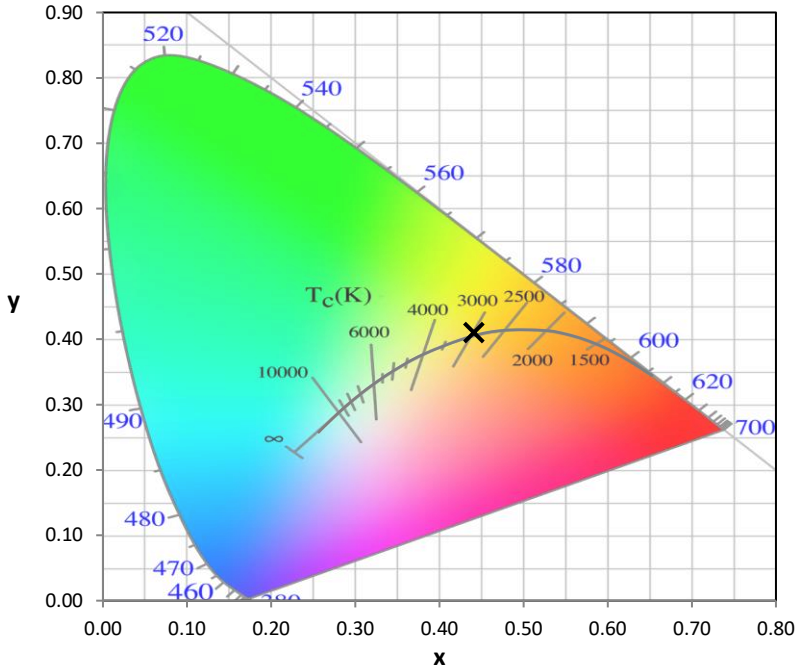
| | |
|---|---|
| Stabilization Time: | 36M |
| Operation Time: | 1H 36M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-4

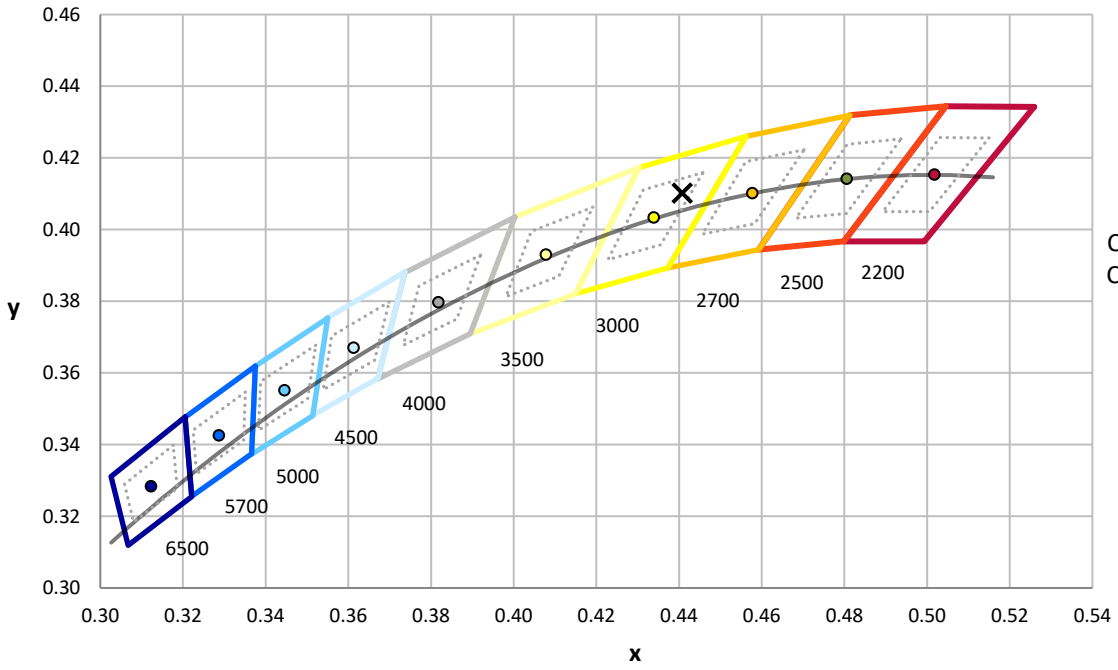
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC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

REPORT NUMBER: SP1-2407-184-4

## CIE 1931 Chromaticity Diagram




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

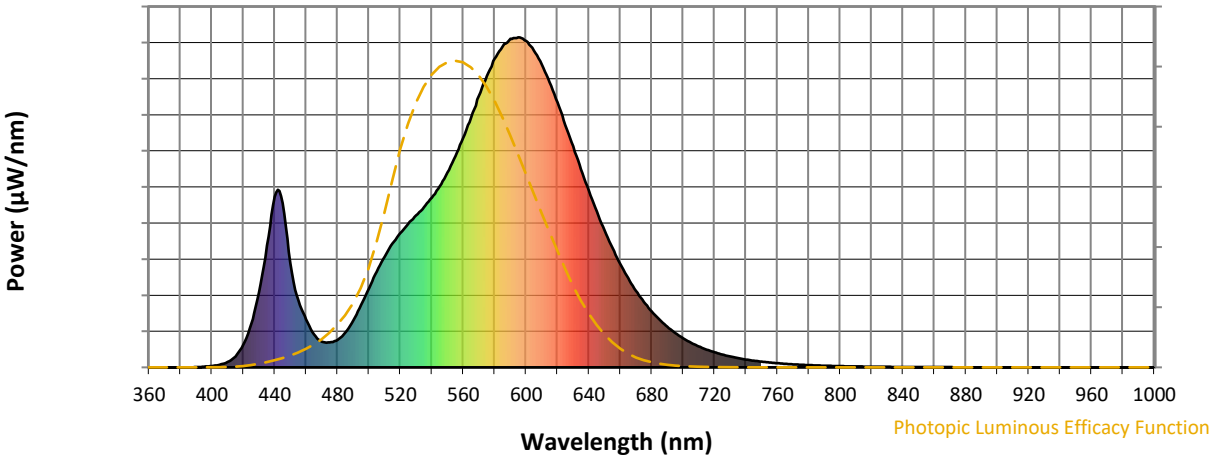



CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

## Photopic Flux vs. Wavelength

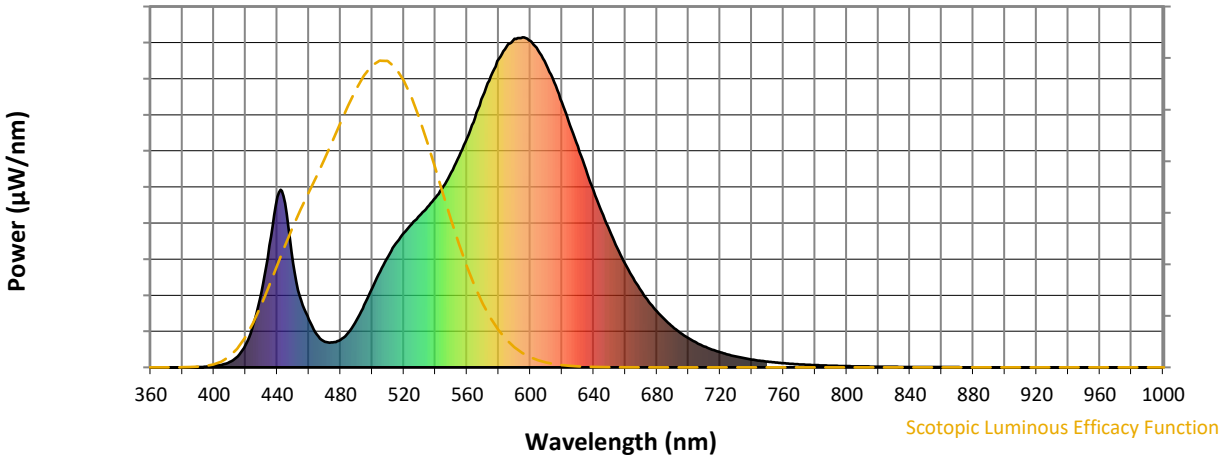



## Photopic Lumens: NR

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Scotopic Flux vs. Wavelength

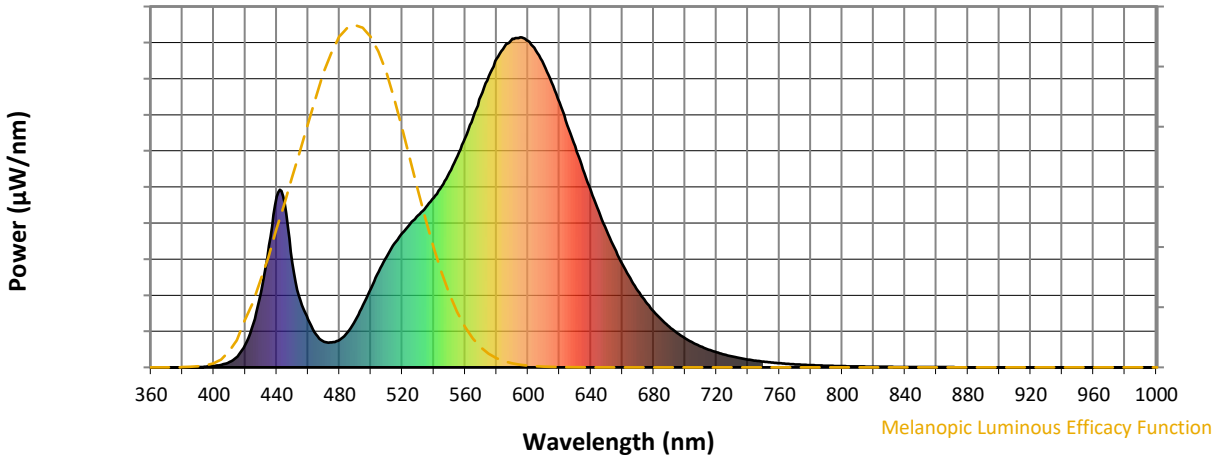



**Scotopic Lumens: NR** **S/P: 1.19**

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

REPORT NUMBER: SP1-2407-184-4

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.13**

| 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 | 142 | NR | 620 | 803 | NR | 750 | 17 | NR | 880 | 0 | NR |
| 365 | 0 | NR | 495 | 189 | NR | 625 | 734 | NR | 755 | 15 | NR | 885 | 0 | NR |
| 370 | 0 | NR | 500 | 240 | NR | 630 | 670 | NR | 760 | 13 | NR | 890 | 0 | NR |
| 375 | 0 | NR | 505 | 290 | NR | 635 | 600 | NR | 765 | 11 | NR | 895 | 0 | NR |
| 380 | 0 | NR | 510 | 335 | NR | 640 | 535 | NR | 770 | 9 | NR | 900 | 0 | NR |
| 385 | 0 | NR | 515 | 375 | NR | 645 | 473 | NR | 775 | 8 | NR | 905 | 0 | NR |
| 390 | 1 | NR | 520 | 408 | NR | 650 | 415 | NR | 780 | 7 | NR | 910 | 0 | NR |
| 395 | 2 | NR | 525 | 434 | NR | 655 | 362 | NR | 785 | 6 | NR | 915 | 0 | NR |
| 400 | 4 | NR | 530 | 461 | NR | 660 | 313 | NR | 790 | 5 | NR | 920 | 0 | NR |
| 405 | 8 | NR | 535 | 486 | NR | 665 | 271 | NR | 795 | 4 | NR | 925 | 0 | NR |
| 410 | 16 | NR | 540 | 514 | NR | 670 | 231 | NR | 800 | 4 | NR | 930 | 0 | NR |
| 415 | 33 | NR | 545 | 549 | NR | 675 | 198 | NR | 805 | 3 | NR | 935 | 0 | NR |
| 420 | 69 | NR | 550 | 591 | NR | 680 | 169 | NR | 810 | 3 | NR | 940 | 0 | NR |
| 425 | 131 | NR | 555 | 640 | NR | 685 | 144 | NR | 815 | 2 | NR | 945 | 0 | NR |
| 430 | 227 | NR | 560 | 695 | NR | 690 | 123 | NR | 820 | 2 | NR | 950 | 0 | NR |
| 435 | 369 | NR | 565 | 757 | NR | 695 | 104 | NR | 825 | 2 | NR | 955 | 0 | NR |
| 440 | 517 | NR | 570 | 822 | NR | 700 | 88 | NR | 830 | 2 | NR | 960 | 0 | NR |
| 445 | 498 | NR | 575 | 882 | NR | 705 | 75 | NR | 835 | 1 | NR | 965 | 0 | NR |
| 450 | 315 | NR | 580 | 935 | NR | 710 | 63 | NR | 840 | 1 | NR | 970 | 0 | NR |
| 455 | 204 | NR | 585 | 972 | NR | 715 | 54 | NR | 845 | 1 | NR | 975 | 0 | NR |
| 460 | 145 | NR | 590 | 996 | NR | 720 | 46 | NR | 850 | 1 | NR | 980 | 0 | NR |
| 465 | 100 | NR | 595 | 1000 | NR | 725 | 39 | NR | 855 | 1 | NR | 985 | 0 | NR |
| 470 | 78 | NR | 600 | 989 | NR | 730 | 33 | NR | 860 | 1 | NR | 990 | 0 | NR |
| 475 | 76 | NR | 605 | 960 | NR | 735 | 28 | NR | 865 | 1 | NR | 995 | 0 | NR |
| 480 | 83 | NR | 610 | 918 | NR | 740 | 24 | NR | 870 | 1 | NR | 1000 | 0 | NR |
| 485 | 105 | NR | 615 | 864 | NR | 745 | 20 | NR | 875 | 1 | NR | | | |

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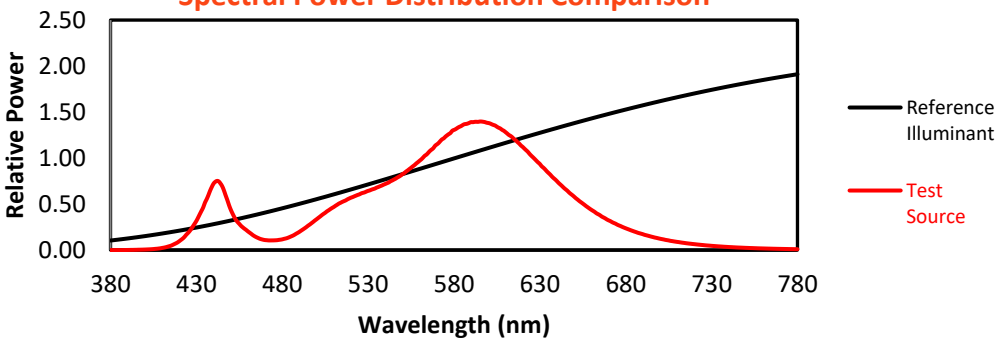
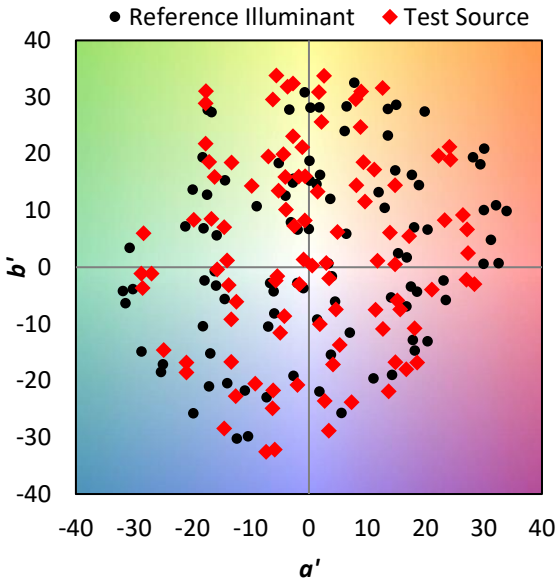
## Summary

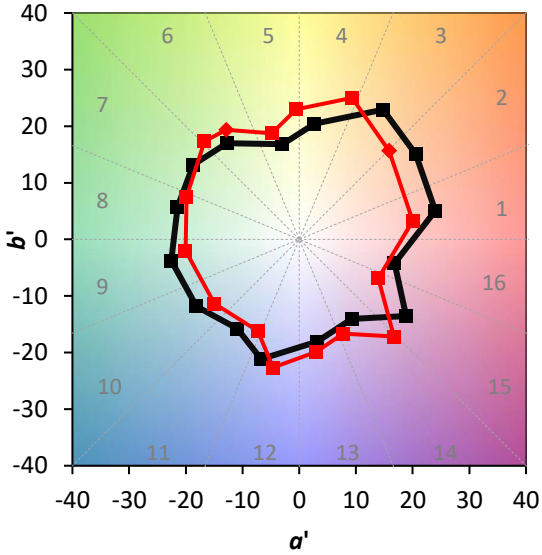
$R_f$ = 73.8
$R_g$ = 94.4
CIE $R_a$ = 70.8
$R_9$ = -43.2

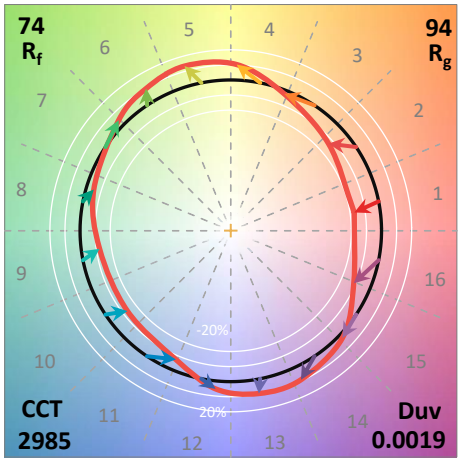
## Spectral Power Distribution Comparison

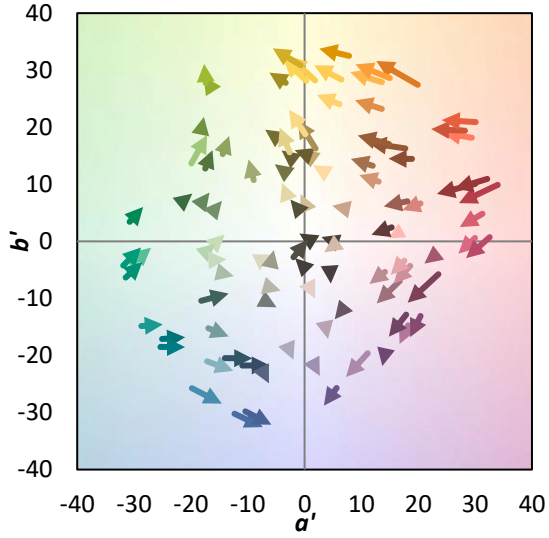



## Color Vector Graphics



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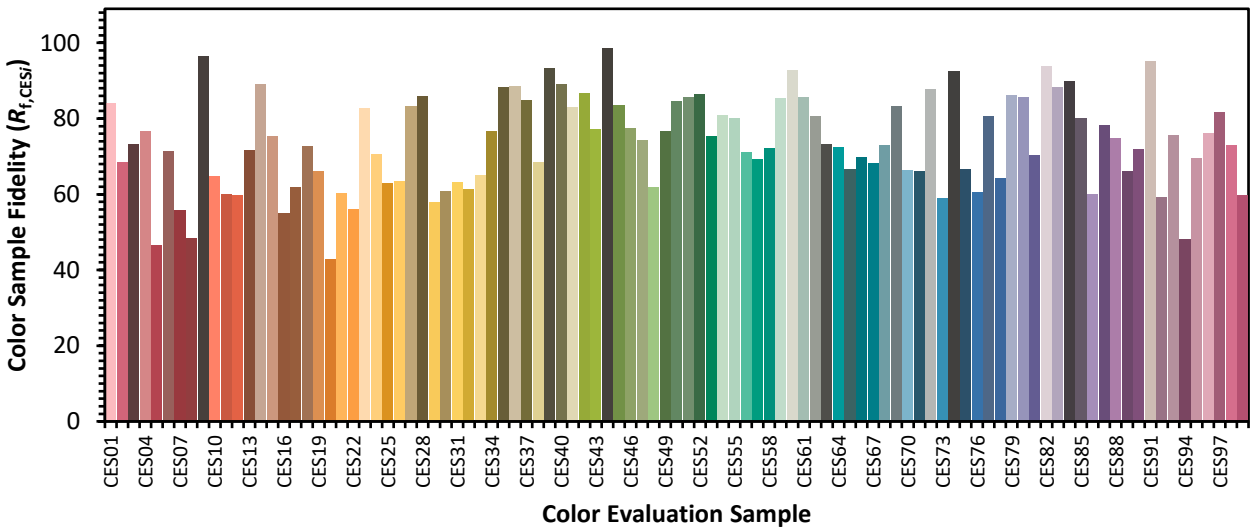
**Individual Sample Fidelity Index ($R_{f,i}$)**

| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 63 | CES51 = 86 | CES76 = 61 |
| CES02 = 62 | CES27 = 83 | CES52 = 86 | CES77 = 81 |
| CES03 = 31 | CES28 = 86 | CES53 = 75 | CES78 = 64 |
| CES04 = 71 | CES29 = 58 | CES54 = 81 | CES79 = 86 |
| CES05 = 49 | CES30 = 61 | CES55 = 80 | CES80 = 86 |
| CES06 = 51 | CES31 = 63 | CES56 = 71 | CES81 = 70 |
| CES07 = 41 | CES32 = 61 | CES57 = 69 | CES82 = 94 |
| CES08 = 40 | CES33 = 65 | CES58 = 72 | CES83 = 88 |
| CES09 = 29 | CES34 = 77 | CES59 = 85 | CES84 = 90 |
| CES10 = 76 | CES35 = 88 | CES60 = 93 | CES85 = 80 |
| CES11 = 59 | CES36 = 89 | CES61 = 86 | CES86 = 60 |
| CES12 = 65 | CES37 = 85 | CES62 = 81 | CES87 = 78 |
| CES13 = 43 | CES38 = 69 | CES63 = 73 | CES88 = 75 |
| CES14 = 74 | CES39 = 93 | CES64 = 72 | CES89 = 66 |
| CES15 = 71 | CES40 = 89 | CES65 = 67 | CES90 = 72 |
| CES16 = 47 | CES41 = 83 | CES66 = 70 | CES91 = 95 |
| CES17 = 50 | CES42 = 87 | CES67 = 68 | CES92 = 59 |
| CES18 = 56 | CES43 = 77 | CES68 = 73 | CES93 = 76 |
| CES19 = 73 | CES44 = 99 | CES69 = 83 | CES94 = 48 |
| CES20 = 66 | CES45 = 83 | CES70 = 66 | CES95 = 70 |
| CES21 = 87 | CES46 = 77 | CES71 = 66 | CES96 = 76 |
| CES22 = 79 | CES47 = 74 | CES72 = 88 | CES97 = 82 |
| CES23 = 92 | CES48 = 62 | CES73 = 59 | CES98 = 73 |
| CES24 = 91 | CES49 = 77 | CES74 = 93 | CES99 = 60 |
| CES25 = 73 | CES50 = 85 | CES75 = 67 | |



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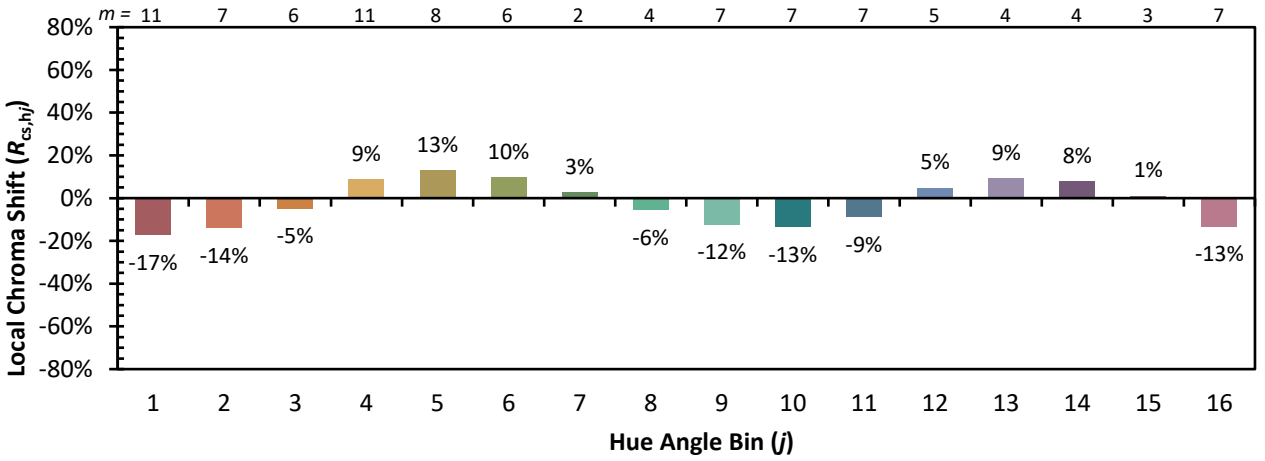
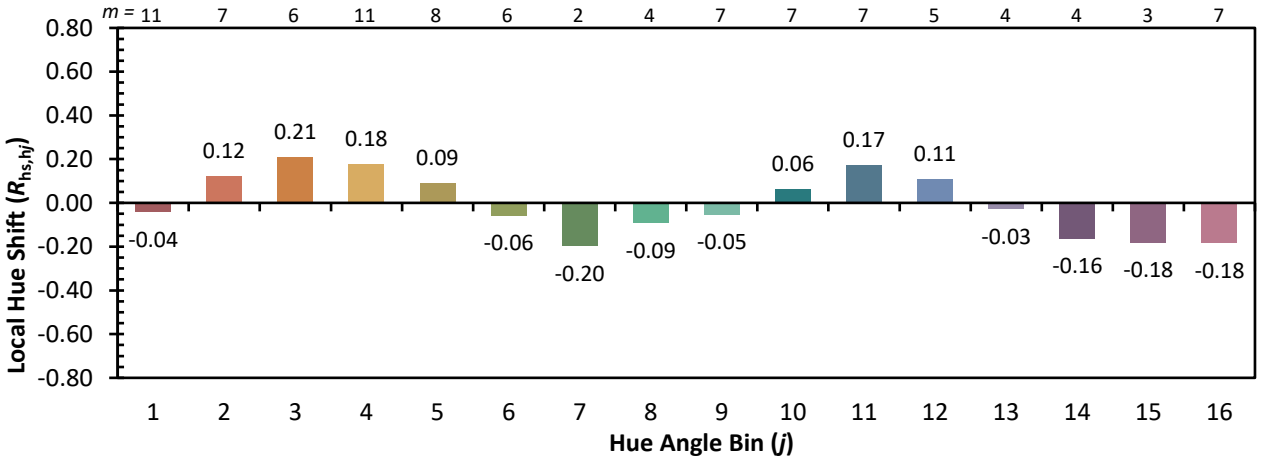
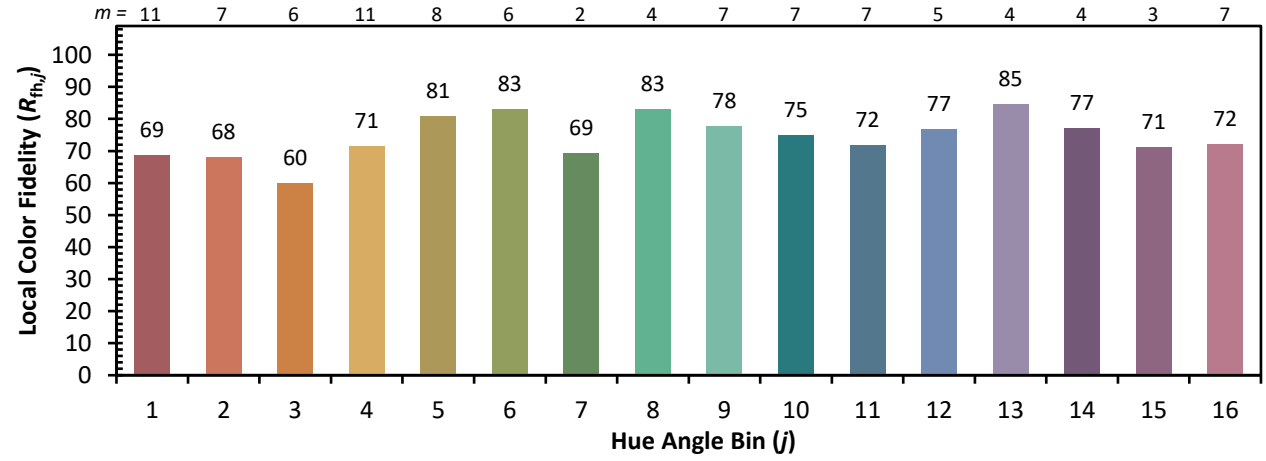
## Color Rendition by Hue-Angle Bin



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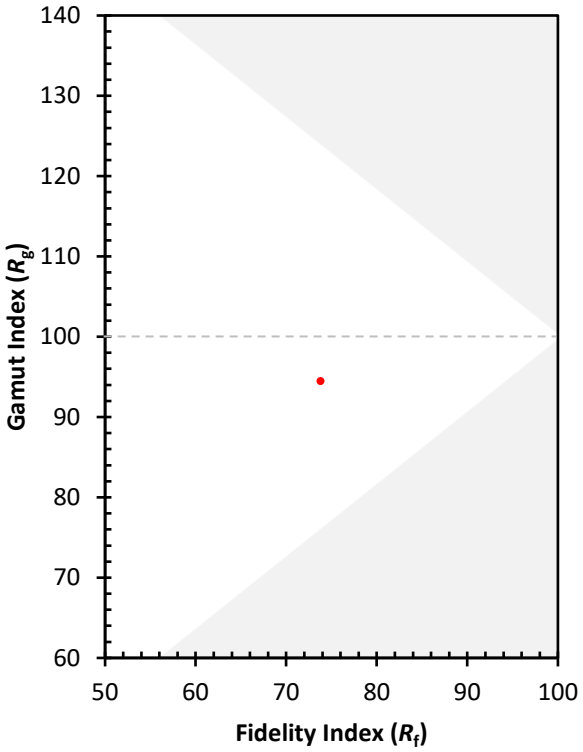
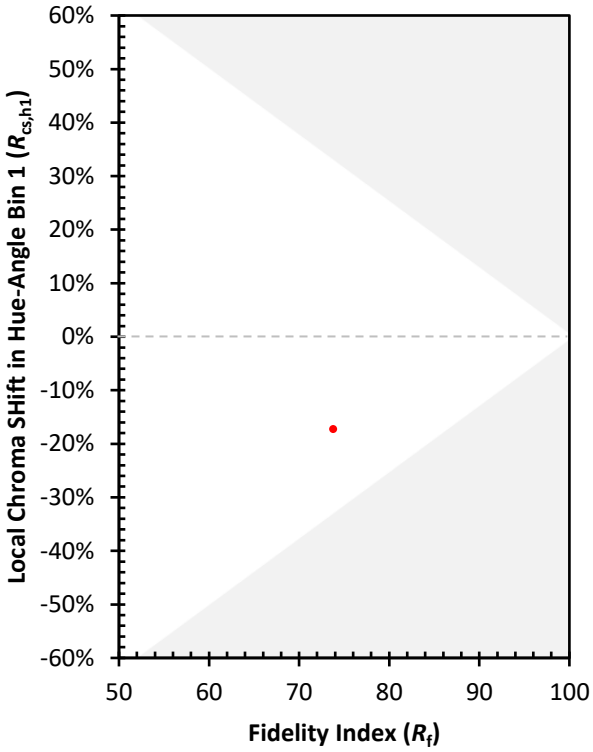
## Measure Comparisons




(END OF REPORT)