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

Scaled data based on original data using

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

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1390166

Luminaire Tested: **GSS-SA2D-930-U-RBC**

Issue Date: 02/18/2026

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

Report Generated By 670245763

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

Scaled Data Report

**Test Information**

| | |
|---|---|
| Test Method: | LM-79-08 |
| Report Number: | P1390166 |
| Test Lab: | INNOVATION CENTER(G3) |
| Issue Date: | 02/18/2026 |
| Manufacturer: | COOPER LIGHTING SOLUTIONS (FORMERLY EATON) |
| Product Line: | McGRAW-EDISON |
| Catalog Number: | GSS-SA2D-930-U-RBC |
| Description: | GALLEON SLIM SITE LUMINAIRE 1200mA 2xLight Square PACKAGE 90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL |
| Light Source: | (28) 3000K CCT, 90 CRI LEDS |
| Ballast/Driver: | ELECTRONIC DRIVER |

Luminaire Equipment:

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

**Summary**

| | |
|---|---|
| Lumens per Lamp: | N/A |
| Luminaire Lumens: | 6801.8 lumens |
| Efficiency: | N/A |
| Efficacy: | 63.6 lumens/watt |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') |
| IES Classification: | Type III - Short |
| BUG Rating: | B0 - U0 - G2 |

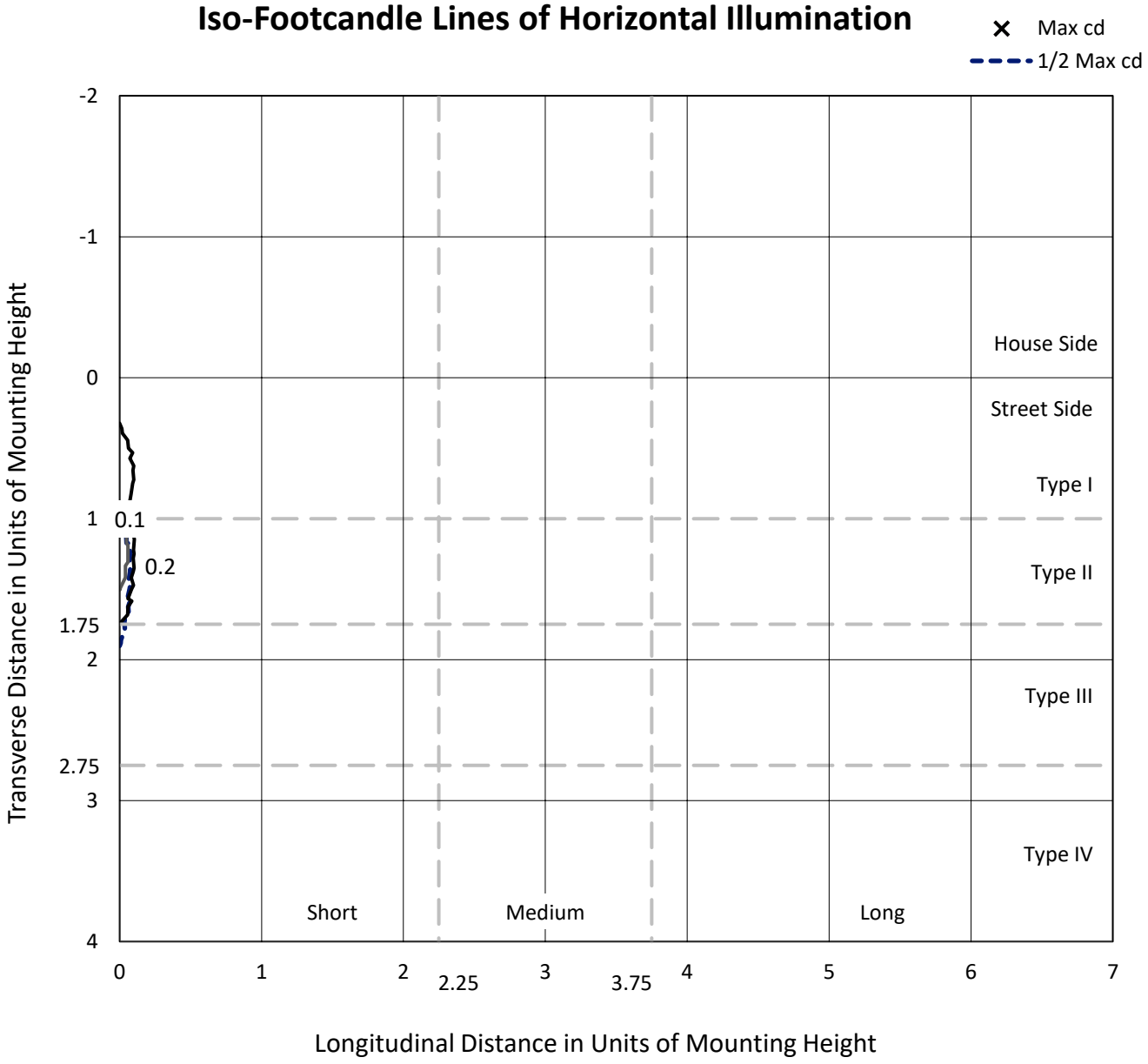
| | |
|---|---|
| Input Watts (W): | 107 |
| Input Voltage (V): | 120 |
| Input Current (Ain): | NR |
| Voltage Rise (V): | NR |
| Power Factor: | 0.97 |
| Total Harmonic Distortion (THDi): | NR |
| Frequency (hertz): | 60 |
| Stabilization Time: | NR |
| Operation Time: | NR |
| Ambient Temperature (°C): | NR |
| Test Distance: | 28.75 FT |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

## Iso-Footcandle Lines of Horizontal Illumination



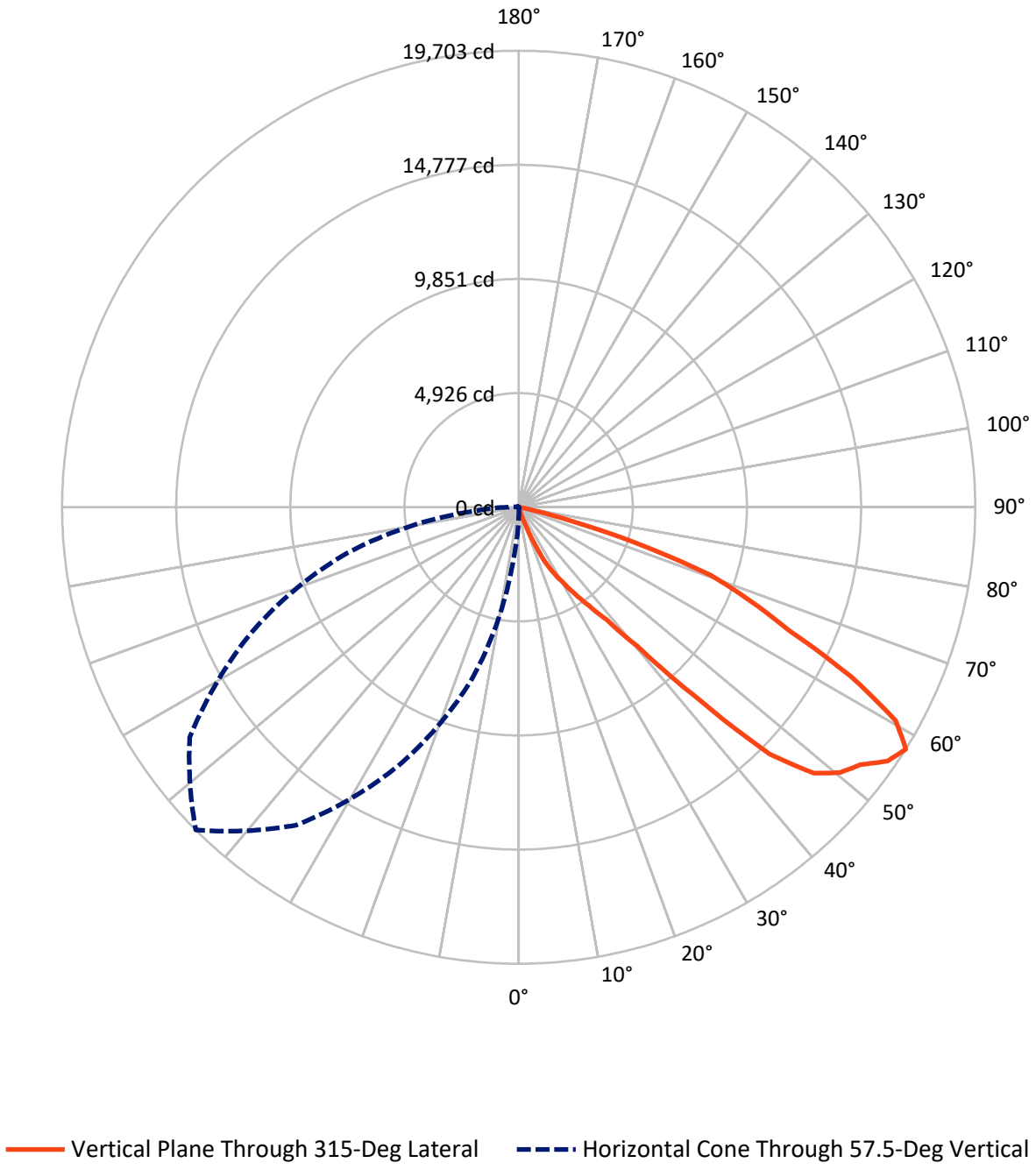

Based on 20 foot mounting height. Maximum calculated value = 0.3 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

## Luminous Intensity Polar Plot



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

Scaled Data Report

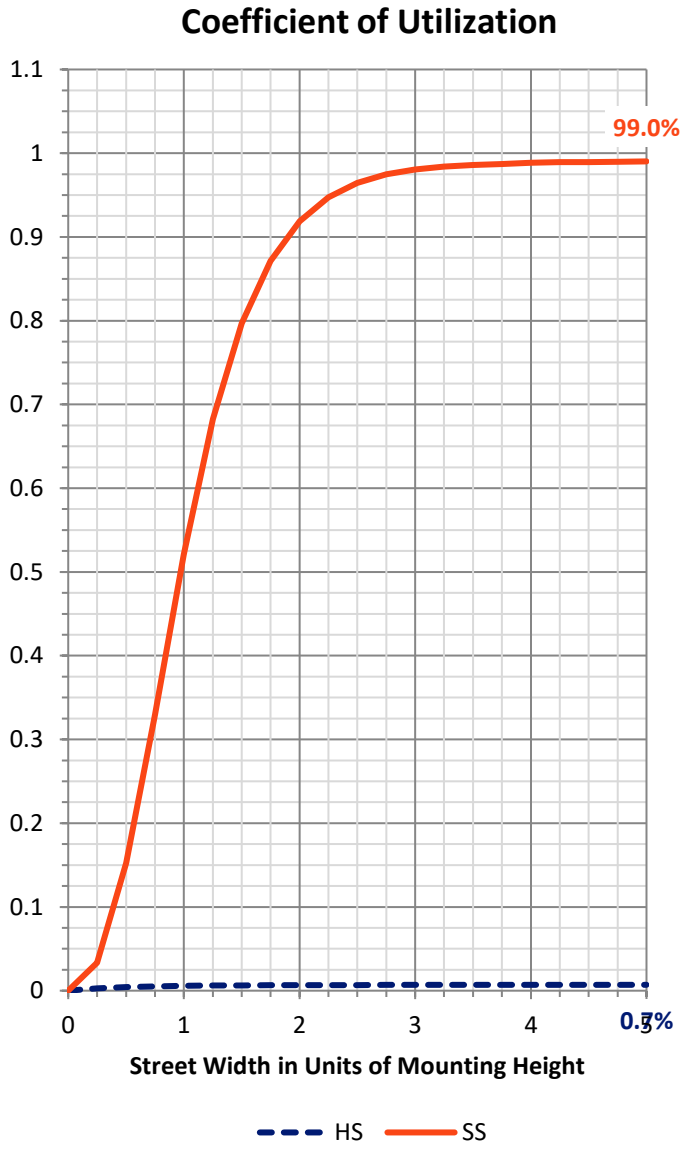
REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**FLUX DISTRIBUTION:**

| | | Downward | Upward | Total |
|---|---|---|---|---|
| **House Side** | Lumens | 48.6 | 0.0 | 48.6 |
| | % Fixture | 0.7 | 0.0 | 0.7 |
| **Street Side** | Lumens | 6753.3 | 0.0 | 6753.3 |
| | % Fixture | 99.3 | 0.0 | 99.3 |
| **Total** | Lumens | 6801.8 | 0.0 | 6801.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

**ZONAL LUMENS:**

| Zone | Lumens | % Fixture |
|---|---|---|
| 0°-10° | 2.4 | 0.0 |
| 10°-20° | 11.5 | 0.2 |
| 20°-30° | 147.2 | 2.2 |
| 30°-40° | 459.0 | 6.7 |
| 40°-50° | 1499.3 | 22.0 |
| 50°-60° | 2406.5 | 35.4 |
| 60°-70° | 1847.7 | 27.2 |
| 70°-80° | 420.8 | 6.2 |
| 80°-90° | 7.5 | 0.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 6801.8 | 100.0 |
| 0°-180° | 6801.8 | 100.0 |



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

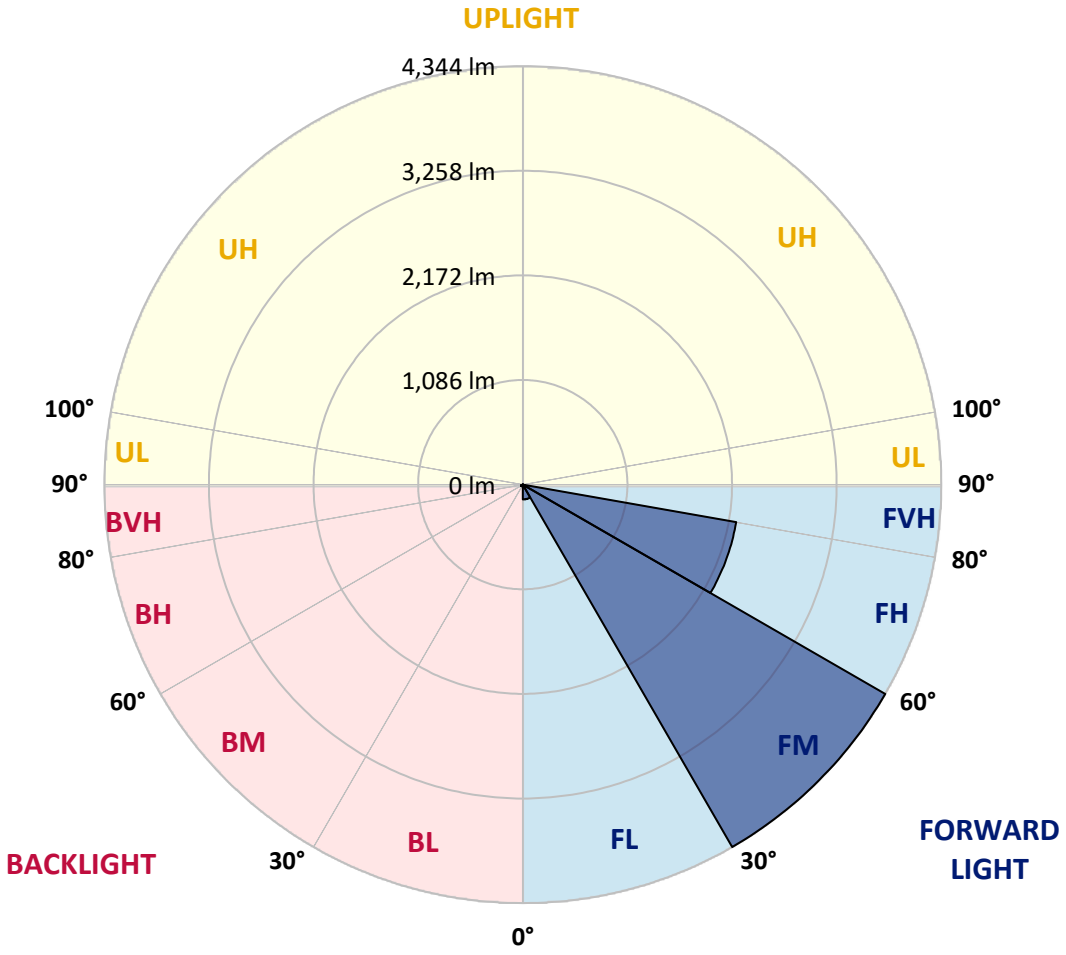
Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

## LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit B | U | G |
|---|---|---|---|---|---|---|
| FL | (0°-30°) | 154.1 | 2.3 | | | |
| FM | (30°-60°) | 4344.3 | 63.9 | | | |
| FH | (60°-80°) | 2249.6 | 33.1 | | | G2/5000 |
| FVH | (80°-90°) | 5.3 | 0.1 | | | G0/10 |
| BL | (0°-30°) | 7.0 | 0.1 | B0/110 | | |
| BM | (30°-60°) | 20.5 | 0.3 | B0/220 | | |
| BH | (60°-80°) | 18.9 | 0.3 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 2.2 | 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-G2**
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (FULL):**

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 |
| 5° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 23.0 | 23.0 | 23.0 | 23.0 | 20.9 | 20.9 |
| 7.5° | 29.3 | 29.3 | 27.2 | 27.2 | 27.2 | 25.1 | 25.1 | 25.1 | 25.1 | 23.0 | 23.0 |
| 10° | 33.5 | 33.5 | 31.4 | 31.4 | 29.3 | 29.3 | 27.2 | 27.2 | 25.1 | 25.1 | 23.0 |
| 12.5° | 37.7 | 37.7 | 35.6 | 33.5 | 33.5 | 31.4 | 29.3 | 27.2 | 27.2 | 25.1 | 23.0 |
| 15° | 41.8 | 39.8 | 37.7 | 35.6 | 35.6 | 33.5 | 31.4 | 29.3 | 29.3 | 27.2 | 25.1 |
| 17.5° | 46.0 | 43.9 | 41.8 | 39.8 | 37.7 | 33.5 | 31.4 | 29.3 | 29.3 | 27.2 | 25.1 |
| 20° | 50.2 | 46.0 | 41.8 | 39.8 | 37.7 | 33.5 | 31.4 | 29.3 | 29.3 | 27.2 | 25.1 |
| 22.5° | 56.5 | 52.3 | 46.0 | 43.9 | 39.8 | 37.7 | 33.5 | 31.4 | 29.3 | 27.2 | 25.1 |
| 25° | 64.9 | 56.5 | 50.2 | 46.0 | 41.8 | 37.7 | 33.5 | 31.4 | 29.3 | 27.2 | 25.1 |
| 27.5° | 79.5 | 67.0 | 56.5 | 52.3 | 46.0 | 41.8 | 35.6 | 33.5 | 31.4 | 29.3 | 27.2 |
| 30° | 106.7 | 83.7 | 60.7 | 54.4 | 50.2 | 43.9 | 37.7 | 35.6 | 31.4 | 29.3 | 25.1 |
| 32.5° | 131.8 | 102.5 | 73.2 | 64.9 | 56.5 | 46.0 | 37.7 | 35.6 | 31.4 | 29.3 | 25.1 |
| 35° | 131.8 | 104.6 | 77.4 | 67.0 | 58.6 | 48.1 | 37.7 | 35.6 | 31.4 | 29.3 | 25.1 |
| 37.5° | 129.7 | 102.5 | 75.3 | 67.0 | 58.6 | 48.1 | 39.8 | 35.6 | 33.5 | 29.3 | 25.1 |
| 40° | 136.0 | 100.4 | 67.0 | 60.7 | 54.4 | 46.0 | 39.8 | 35.6 | 33.5 | 29.3 | 25.1 |
| 42.5° | 148.5 | 106.7 | 64.9 | 58.6 | 54.4 | 48.1 | 41.8 | 37.7 | 33.5 | 29.3 | 25.1 |
| 45° | 186.2 | 125.5 | 67.0 | 60.7 | 54.4 | 46.0 | 39.8 | 37.7 | 33.5 | 31.4 | 27.2 |
| 47.5° | 336.9 | 202.9 | 69.0 | 60.7 | 54.4 | 46.0 | 37.7 | 35.6 | 33.5 | 29.3 | 27.2 |
| 50° | 527.2 | 299.2 | 71.1 | 62.8 | 54.4 | 46.0 | 37.7 | 35.6 | 33.5 | 31.4 | 29.3 |
| 52.5° | 573.3 | 326.4 | 79.5 | 69.0 | 58.6 | 48.1 | 37.7 | 35.6 | 33.5 | 31.4 | 29.3 |
| 55° | 516.8 | 303.4 | 92.1 | 79.5 | 64.9 | 52.3 | 37.7 | 35.6 | 33.5 | 31.4 | 29.3 |
| 57.5° | *437.3* | *269.9* | *102.5* | *87.9* | *71.1* | *56.5* | *39.8* | *37.7* | *35.6* | *33.5* | *31.4* |
| 60° | 328.5 | 223.9 | 119.3 | 100.4 | 83.7 | 64.9 | 46.0 | 43.9 | 41.8 | 37.7 | 35.6 |
| 62.5° | 267.8 | 198.8 | 131.8 | 113.0 | 92.1 | 73.2 | 52.3 | 50.2 | 48.1 | 43.9 | 41.8 |
| 65° | 236.4 | 188.3 | 140.2 | 119.3 | 98.3 | 75.3 | 54.4 | 52.3 | 50.2 | 48.1 | 46.0 |
| 67.5° | 219.7 | 182.0 | 146.5 | 123.4 | 102.5 | 79.5 | 56.5 | 54.4 | 52.3 | 50.2 | 48.1 |
| 70° | 211.3 | 177.8 | 144.4 | 123.4 | 102.5 | 81.6 | 60.7 | 58.6 | 54.4 | 52.3 | 48.1 |
| 72.5° | 196.7 | 169.5 | 142.3 | 125.5 | 106.7 | 90.0 | 71.1 | 64.9 | 58.6 | 50.2 | 43.9 |
| 75° | 175.7 | 150.6 | 125.5 | 115.1 | 104.6 | 92.1 | 81.6 | 71.1 | 60.7 | 48.1 | 37.7 |
| 77.5° | 127.6 | 117.2 | 106.7 | 100.4 | 94.2 | 85.8 | 79.5 | 69.0 | 58.6 | 46.0 | 35.6 |
| 80° | 50.2 | 56.5 | 60.7 | 60.7 | 62.8 | 62.8 | 62.8 | 54.4 | 46.0 | 37.7 | 29.3 |
| 82.5° | 14.6 | 14.6 | 14.6 | 16.7 | 18.8 | 20.9 | 23.0 | 20.9 | 20.9 | 18.8 | 16.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 20.9 | 20.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 5° | 20.9 | 20.9 | 18.8 | 18.8 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 |
| 7.5° | 23.0 | 20.9 | 20.9 | 18.8 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 |
| 10° | 23.0 | 20.9 | 20.9 | 18.8 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 16.7 | 14.6 |
| 12.5° | 23.0 | 23.0 | 20.9 | 20.9 | 20.9 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 14.6 |
| 15° | 23.0 | 23.0 | 20.9 | 18.8 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 16.7 | 14.6 |
| 17.5° | 23.0 | 23.0 | 20.9 | 18.8 | 18.8 | 16.7 | 16.7 | 14.6 | 14.6 | 14.6 | 12.6 |
| 20° | 23.0 | 23.0 | 20.9 | 18.8 | 18.8 | 16.7 | 16.7 | 14.6 | 14.6 | 14.6 | 12.6 |
| 22.5° | 23.0 | 23.0 | 20.9 | 18.8 | 18.8 | 16.7 | 16.7 | 14.6 | 14.6 | 12.6 | 12.6 |
| 25° | 23.0 | 23.0 | 20.9 | 18.8 | 16.7 | 16.7 | 14.6 | 12.6 | 12.6 | 10.5 | 10.5 |
| 27.5° | 25.1 | 23.0 | 20.9 | 18.8 | 16.7 | 16.7 | 14.6 | 12.6 | 10.5 | 10.5 | 8.4 |
| 30° | 23.0 | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 10.5 | 8.4 | 8.4 | 6.3 |
| 32.5° | 23.0 | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 10.5 | 8.4 | 8.4 | 6.3 |
| 35° | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 10.5 | 8.4 | 6.3 | 6.3 | 4.2 |
| 37.5° | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 10.5 | 8.4 | 6.3 | 4.2 | 2.1 |
| 40° | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 8.4 | 6.3 | 4.2 | 4.2 | 2.1 |
| 42.5° | 23.0 | 20.9 | 18.8 | 16.7 | 14.6 | 12.6 | 10.5 | 8.4 | 6.3 | 4.2 | 2.1 |
| 45° | 25.1 | 23.0 | 18.8 | 16.7 | 14.6 | 14.6 | 12.6 | 10.5 | 8.4 | 6.3 | 2.1 |
| 47.5° | 25.1 | 20.9 | 18.8 | 14.6 | 14.6 | 14.6 | 12.6 | 12.6 | 10.5 | 6.3 | 4.2 |
| 50° | 27.2 | 23.0 | 20.9 | 16.7 | 14.6 | 14.6 | 12.6 | 10.5 | 8.4 | 6.3 | 2.1 |
| 52.5° | 27.2 | 25.1 | 20.9 | 18.8 | 16.7 | 12.6 | 10.5 | 6.3 | 4.2 | 4.2 | 2.1 |
| 55° | 27.2 | 27.2 | 25.1 | 23.0 | 18.8 | 14.6 | 8.4 | 4.2 | 4.2 | 2.1 | 2.1 |
| 57.5° | *29.3* | *29.3* | *27.2* | *25.1* | *18.8* | *12.6* | *6.3* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 33.5 | 31.4 | 29.3 | 27.2 | 20.9 | 14.6 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 37.7 | 33.5 | 29.3 | 25.1 | 18.8 | 12.6 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 39.8 | 33.5 | 27.2 | 20.9 | 16.7 | 10.5 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 41.8 | 33.5 | 27.2 | 18.8 | 14.6 | 10.5 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 39.8 | 31.4 | 23.0 | 14.6 | 10.5 | 8.4 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 35.6 | 29.3 | 20.9 | 12.6 | 10.5 | 6.3 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 31.4 | 25.1 | 16.7 | 10.5 | 8.4 | 6.3 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 29.3 | 20.9 | 14.6 | 6.3 | 4.2 | 4.2 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 23.0 | 16.7 | 8.4 | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 12.6 | 8.4 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 18.8 | 18.8 | 18.8 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 |
| 5° | 16.7 | 16.7 | 16.7 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| 7.5° | 16.7 | 16.7 | 16.7 | 14.6 | 14.6 | 14.6 | 14.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| 10° | 14.6 | 14.6 | 14.6 | 12.6 | 12.6 | 12.6 | 12.6 | 10.5 | 10.5 | 10.5 | 10.5 |
| 12.5° | 14.6 | 14.6 | 14.6 | 12.6 | 12.6 | 12.6 | 12.6 | 10.5 | 10.5 | 10.5 | 10.5 |
| 15° | 14.6 | 14.6 | 14.6 | 12.6 | 12.6 | 12.6 | 10.5 | 10.5 | 8.4 | 8.4 | 8.4 |
| 17.5° | 12.6 | 12.6 | 12.6 | 10.5 | 10.5 | 10.5 | 10.5 | 8.4 | 8.4 | 8.4 | 6.3 |
| 20° | 12.6 | 12.6 | 12.6 | 10.5 | 10.5 | 8.4 | 8.4 | 6.3 | 4.2 | 4.2 | 4.2 |
| 22.5° | 10.5 | 10.5 | 8.4 | 8.4 | 6.3 | 6.3 | 4.2 | 4.2 | 2.1 | 2.1 | 2.1 |
| 25° | 8.4 | 8.4 | 6.3 | 6.3 | 4.2 | 4.2 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 |
| 27.5° | 6.3 | 4.2 | 4.2 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 4.2 | 4.2 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 4.2 | 4.2 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 16.7 | 16.7 | 16.7 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| 5° | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| 7.5° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 8.4 | 8.4 | 8.4 |
| 10° | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 6.3 | 6.3 | 6.3 |
| 12.5° | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 6.3 | 6.3 | 6.3 | 4.2 | 4.2 | 4.2 |
| 15° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 4.2 | 4.2 | 4.2 | 2.1 | 2.1 | 2.1 |
| 17.5° | 6.3 | 4.2 | 4.2 | 4.2 | 4.2 | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 |
| 20° | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 | 14.6 |
| 5° | 12.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
| 7.5° | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| 10° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 12.5° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 2.1 | 2.1 |
| 15° | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 14.6 | 16.7 | 16.7 | 16.7 | 16.7 | 18.8 | 18.8 | 18.8 | 20.9 | 20.9 | 23.0 |
| 5° | 10.5 | 12.6 | 12.6 | 12.6 | 12.6 | 14.6 | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 |
| 7.5° | 8.4 | 10.5 | 10.5 | 10.5 | 10.5 | 12.6 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 |
| 10° | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 |
| 12.5° | 2.1 | 4.2 | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 8.4 | 10.5 | 10.5 |
| 15° | 0.0 | 2.1 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 6.3 | 8.4 | 8.4 |
| 17.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 29.3 | 29.3 | 31.4 | 31.4 | 31.4 | 33.5 |
| 5° | 18.8 | 20.9 | 23.0 | 23.0 | 25.1 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 | 31.4 |
| 7.5° | 16.7 | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 27.2 | 29.3 |
| 10° | 14.6 | 16.7 | 18.8 | 18.8 | 20.9 | 23.0 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 |
| 12.5° | 12.6 | 14.6 | 16.7 | 16.7 | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 |
| 15° | 10.5 | 12.6 | 14.6 | 14.6 | 16.7 | 18.8 | 20.9 | 23.0 | 23.0 | 25.1 | 25.1 |
| 17.5° | 6.3 | 8.4 | 10.5 | 12.6 | 14.6 | 16.7 | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 |
| 20° | 4.2 | 6.3 | 8.4 | 10.5 | 12.6 | 14.6 | 14.6 | 16.7 | 18.8 | 20.9 | 20.9 |
| 22.5° | 2.1 | 4.2 | 6.3 | 6.3 | 8.4 | 10.5 | 12.6 | 14.6 | 14.6 | 16.7 | 18.8 |
| 25° | 0.0 | 2.1 | 4.2 | 4.2 | 6.3 | 8.4 | 8.4 | 10.5 | 12.6 | 14.6 | 14.6 |
| 27.5° | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 |
| 30° | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 | 8.4 | 8.4 | 10.5 | 12.6 |
| 32.5° | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 | 6.3 | 8.4 | 8.4 | 10.5 | 10.5 |
| 35° | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 | 8.4 | 8.4 |
| 37.5° | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 | 8.4 | 8.4 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 4.2 | 6.3 | 6.3 | 6.3 | 8.4 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 6.3 | 6.3 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 6.3 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 6.3 |
| 57.5° | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *0.0* | *2.1* | *2.1* | *2.1* | *4.2* |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 4.2 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 2.1 | 4.2 | 4.2 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 6.3 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 | 4.2 | 6.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 4.2 | 4.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 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 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 31.4 | 31.4 | 31.4 |
| 5° | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 29.3 | 29.3 | 29.3 |
| 7.5° | 29.3 | 29.3 | 29.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 29.3 | 29.3 | 29.3 |
| 10° | 29.3 | 29.3 | 29.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 29.3 | 29.3 | 29.3 |
| 12.5° | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| 15° | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| 17.5° | 25.1 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| 20° | 23.0 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 | 29.3 |
| 22.5° | 18.8 | 20.9 | 23.0 | 23.0 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 25° | 16.7 | 16.7 | 18.8 | 20.9 | 20.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 27.5° | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 | 18.8 | 18.8 | 20.9 | 20.9 | 20.9 | 20.9 |
| 30° | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 16.7 | 18.8 | 18.8 | 20.9 | 20.9 | 20.9 |
| 32.5° | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 16.7 | 18.8 | 18.8 | 18.8 | 18.8 |
| 35° | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 | 18.8 | 18.8 |
| 37.5° | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 14.6 | 16.7 | 16.7 | 16.7 | 18.8 |
| 40° | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 |
| 42.5° | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 |
| 45° | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 | 16.7 | 18.8 |
| 47.5° | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 12.6 | 14.6 | 14.6 | 14.6 | 16.7 |
| 50° | 8.4 | 8.4 | 8.4 | 10.5 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 | 14.6 | 16.7 |
| 52.5° | 6.3 | 6.3 | 6.3 | 8.4 | 8.4 | 8.4 | 10.5 | 10.5 | 12.6 | 12.6 | 14.6 |
| 55° | 6.3 | 6.3 | 6.3 | 8.4 | 8.4 | 8.4 | 8.4 | 10.5 | 10.5 | 10.5 | 12.6 |
| 57.5° | *4.2* | *4.2* | *4.2* | *6.3* | *6.3* | *6.3* | *6.3* | *8.4* | *8.4* | *8.4* | *10.5* |
| 60° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 62.5° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 65° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 67.5° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 70° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 72.5° | 4.2 | 4.2 | 4.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 8.4 |
| 75° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 77.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 80° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 82.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 85° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 87.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 29.3 | 29.3 | 29.3 | 31.4 | 31.4 | 31.4 |
| 5° | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 |
| 7.5° | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 |
| 10° | 29.3 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 |
| 12.5° | 29.3 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 |
| 15° | 29.3 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 31.4 | 31.4 |
| 17.5° | 27.2 | 27.2 | 25.1 | 25.1 | 27.2 | 27.2 | 27.2 | 27.2 | 29.3 | 29.3 | 29.3 |
| 20° | 27.2 | 27.2 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 27.2 | 27.2 | 29.3 | 29.3 |
| 22.5° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 27.2 | 27.2 | 29.3 | 29.3 |
| 25° | 23.0 | 23.0 | 23.0 | 23.0 | 25.1 | 25.1 | 25.1 | 27.2 | 29.3 | 29.3 | 31.4 |
| 27.5° | 23.0 | 23.0 | 23.0 | 23.0 | 25.1 | 25.1 | 25.1 | 27.2 | 29.3 | 29.3 | 31.4 |
| 30° | 23.0 | 23.0 | 23.0 | 23.0 | 25.1 | 25.1 | 25.1 | 27.2 | 29.3 | 29.3 | 31.4 |
| 32.5° | 20.9 | 20.9 | 20.9 | 23.0 | 23.0 | 25.1 | 25.1 | 27.2 | 29.3 | 29.3 | 31.4 |
| 35° | 20.9 | 20.9 | 20.9 | 23.0 | 23.0 | 25.1 | 25.1 | 27.2 | 29.3 | 29.3 | 31.4 |
| 37.5° | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 29.3 | 31.4 | 31.4 | 33.5 |
| 40° | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 29.3 | 31.4 | 31.4 | 33.5 |
| 42.5° | 18.8 | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 29.3 | 31.4 | 33.5 | 35.6 |
| 45° | 20.9 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 29.3 | 31.4 | 33.5 | 35.6 |
| 47.5° | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 27.2 | 29.3 | 33.5 | 35.6 | 37.7 |
| 50° | 18.8 | 20.9 | 23.0 | 25.1 | 25.1 | 27.2 | 27.2 | 29.3 | 33.5 | 35.6 | 37.7 |
| 52.5° | 16.7 | 16.7 | 18.8 | 20.9 | 25.1 | 27.2 | 29.3 | 31.4 | 35.6 | 37.7 | 39.8 |
| 55° | 14.6 | 14.6 | 16.7 | 20.9 | 25.1 | 29.3 | 33.5 | 35.6 | 37.7 | 37.7 | 39.8 |
| 57.5° | *12.6* | *12.6* | *14.6* | *20.9* | *27.2* | *33.5* | *39.8* | *39.8* | *41.8* | *41.8* | *41.8* |
| 60° | 10.5 | 10.5 | 12.6 | 18.8 | 27.2 | 33.5 | 39.8 | 41.8 | 43.9 | 43.9 | 46.0 |
| 62.5° | 10.5 | 10.5 | 12.6 | 18.8 | 25.1 | 29.3 | 35.6 | 39.8 | 43.9 | 48.1 | 52.3 |
| 65° | 8.4 | 10.5 | 10.5 | 16.7 | 20.9 | 27.2 | 31.4 | 37.7 | 43.9 | 50.2 | 56.5 |
| 67.5° | 8.4 | 10.5 | 10.5 | 14.6 | 20.9 | 25.1 | 29.3 | 35.6 | 43.9 | 50.2 | 56.5 |
| 70° | 10.5 | 10.5 | 12.6 | 16.7 | 18.8 | 23.0 | 25.1 | 33.5 | 39.8 | 48.1 | 54.4 |
| 72.5° | 8.4 | 10.5 | 10.5 | 14.6 | 16.7 | 20.9 | 23.0 | 31.4 | 37.7 | 46.0 | 52.3 |
| 75° | 8.4 | 8.4 | 8.4 | 12.6 | 14.6 | 18.8 | 20.9 | 27.2 | 35.6 | 41.8 | 48.1 |
| 77.5° | 6.3 | 6.3 | 6.3 | 10.5 | 12.6 | 16.7 | 18.8 | 25.1 | 33.5 | 39.8 | 46.0 |
| 80° | 6.3 | 6.3 | 6.3 | 8.4 | 10.5 | 10.5 | 12.6 | 18.8 | 27.2 | 33.5 | 39.8 |
| 82.5° | 6.3 | 4.2 | 4.2 | 6.3 | 6.3 | 8.4 | 8.4 | 12.6 | 16.7 | 20.9 | 25.1 |
| 85° | 6.3 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| 87.5° | 6.3 | 4.2 | 4.2 | 4.2 | 4.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 |
| 5° | 31.4 | 31.4 | 33.5 | 33.5 | 33.5 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 7.5° | 31.4 | 31.4 | 33.5 | 33.5 | 33.5 | 35.6 | 35.6 | 35.6 | 37.7 | 37.7 | 39.8 |
| 10° | 31.4 | 31.4 | 33.5 | 33.5 | 35.6 | 35.6 | 37.7 | 37.7 | 39.8 | 39.8 | 41.8 |
| 12.5° | 31.4 | 33.5 | 33.5 | 35.6 | 37.7 | 39.8 | 39.8 | 41.8 | 43.9 | 43.9 | 46.0 |
| 15° | 33.5 | 33.5 | 35.6 | 35.6 | 37.7 | 39.8 | 41.8 | 43.9 | 46.0 | 48.1 | 50.2 |
| 17.5° | 31.4 | 33.5 | 35.6 | 37.7 | 39.8 | 41.8 | 43.9 | 46.0 | 50.2 | 52.3 | 56.5 |
| 20° | 31.4 | 33.5 | 35.6 | 37.7 | 39.8 | 43.9 | 46.0 | 48.1 | 52.3 | 56.5 | 62.8 |
| 22.5° | 31.4 | 33.5 | 35.6 | 37.7 | 41.8 | 46.0 | 48.1 | 52.3 | 58.6 | 62.8 | 71.1 |
| 25° | 33.5 | 35.6 | 37.7 | 39.8 | 43.9 | 48.1 | 52.3 | 56.5 | 64.9 | 71.1 | 90.0 |
| 27.5° | 33.5 | 37.7 | 39.8 | 41.8 | 46.0 | 52.3 | 56.5 | 60.7 | 73.2 | 83.7 | 125.5 |
| 30° | 33.5 | 37.7 | 39.8 | 41.8 | 48.1 | 54.4 | 60.7 | 67.0 | 87.9 | 106.7 | 177.8 |
| 32.5° | 33.5 | 37.7 | 39.8 | 41.8 | 50.2 | 60.7 | 69.0 | 77.4 | 104.6 | 131.8 | 215.5 |
| 35° | 35.6 | 37.7 | 41.8 | 43.9 | 54.4 | 64.9 | 73.2 | 83.7 | 108.8 | 133.9 | 234.3 |
| 37.5° | 37.7 | 39.8 | 43.9 | 46.0 | 54.4 | 62.8 | 71.1 | 79.5 | 106.7 | 131.8 | 257.3 |
| 40° | 37.7 | 41.8 | 43.9 | 48.1 | 54.4 | 62.8 | 69.0 | 75.3 | 104.6 | 133.9 | 297.1 |
| 42.5° | 39.8 | 43.9 | 46.0 | 50.2 | 56.5 | 62.8 | 67.0 | 73.2 | 110.9 | 148.5 | 387.1 |
| 45° | 39.8 | 41.8 | 46.0 | 48.1 | 54.4 | 60.7 | 67.0 | 73.2 | 140.2 | 205.0 | 615.1 |
| 47.5° | 39.8 | 41.8 | 43.9 | 46.0 | 54.4 | 62.8 | 69.0 | 77.4 | 207.1 | 336.9 | 1016.8 |
| 50° | 39.8 | 41.8 | 41.8 | 43.9 | 52.3 | 62.8 | 71.1 | 79.5 | 269.9 | 458.2 | 1466.7 |
| 52.5° | 41.8 | 43.9 | 43.9 | 46.0 | 56.5 | 67.0 | 77.4 | 87.9 | 309.7 | 531.4 | 1592.2 |
| 55° | 41.8 | 43.9 | 43.9 | 46.0 | 62.8 | 79.5 | 94.2 | 110.9 | 326.4 | 539.8 | 1462.5 |
| 57.5° | *43.9* | *46.0* | *48.1* | *50.2* | *67.0* | *85.8* | *102.5* | *119.3* | *311.7* | *504.2* | *1198.9* |
| 60° | 50.2 | 52.3 | 56.5 | 58.6 | 77.4 | 96.2 | 113.0 | 131.8 | 249.0 | 366.1 | 943.6 |
| 62.5° | 56.5 | 58.6 | 62.8 | 64.9 | 83.7 | 102.5 | 121.4 | 140.2 | 219.7 | 297.1 | 703.0 |
| 65° | 58.6 | 62.8 | 64.9 | 67.0 | 85.8 | 106.7 | 125.5 | 144.4 | 200.9 | 255.3 | 521.0 |
| 67.5° | 60.7 | 64.9 | 67.0 | 71.1 | 90.0 | 108.8 | 127.6 | 146.5 | 190.4 | 232.2 | 387.1 |
| 70° | 60.7 | 64.9 | 71.1 | 75.3 | 92.1 | 108.8 | 123.4 | 140.2 | 175.7 | 209.2 | 297.1 |
| 72.5° | 60.7 | 69.0 | 77.4 | 85.8 | 98.3 | 110.9 | 121.4 | 133.9 | 161.1 | 186.2 | 230.1 |
| 75° | 60.7 | 73.2 | 83.7 | 96.2 | 102.5 | 108.8 | 115.1 | 121.4 | 140.2 | 156.9 | 182.0 |
| 77.5° | 58.6 | 69.0 | 81.6 | 92.1 | 94.2 | 96.2 | 98.3 | 100.4 | 100.4 | 100.4 | 100.4 |
| 80° | 48.1 | 58.6 | 67.0 | 75.3 | 71.1 | 64.9 | 60.7 | 54.4 | 50.2 | 46.0 | 50.2 |
| 82.5° | 25.1 | 27.2 | 27.2 | 27.2 | 25.1 | 25.1 | 23.0 | 20.9 | 20.9 | 18.8 | 18.8 |
| 85° | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 87.5° | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 31.4 | 31.4 | 31.4 | 31.4 |
| 5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 33.5 | 33.5 | 33.5 | 33.5 |
| 7.5° | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| 10° | 41.8 | 43.9 | 43.9 | 46.0 | 46.0 | 46.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| 12.5° | 48.1 | 50.2 | 50.2 | 52.3 | 52.3 | 54.4 | 54.4 | 56.5 | 56.5 | 56.5 | 58.6 |
| 15° | 52.3 | 54.4 | 56.5 | 58.6 | 60.7 | 64.9 | 67.0 | 71.1 | 73.2 | 75.3 | 77.4 |
| 17.5° | 60.7 | 64.9 | 71.1 | 75.3 | 79.5 | 87.9 | 96.2 | 102.5 | 110.9 | 121.4 | 133.9 |
| 20° | 67.0 | 81.6 | 94.2 | 108.8 | 121.4 | 159.0 | 196.7 | 234.3 | 272.0 | 322.2 | 372.4 |
| 22.5° | 79.5 | 125.5 | 173.7 | 219.7 | 265.7 | 389.2 | 510.5 | 631.9 | 755.3 | 872.5 | 989.6 |
| 25° | 108.8 | 207.1 | 307.6 | 405.9 | 504.2 | 711.4 | 916.4 | 1121.4 | 1328.6 | 1527.3 | 1728.2 |
| 27.5° | 165.3 | 324.3 | 483.3 | 642.3 | 801.3 | 1073.3 | 1343.2 | 1613.1 | 1885.1 | 2125.7 | 2364.2 |
| 30° | 249.0 | 454.0 | 659.1 | 864.1 | 1069.1 | 1420.6 | 1772.1 | 2123.6 | 2475.1 | 2709.5 | 2943.8 |
| 32.5° | 297.1 | 564.9 | 832.7 | 1098.4 | 1366.2 | 1749.1 | 2132.0 | 2517.0 | 2899.8 | 3167.7 | 3435.5 |
| 35° | 332.7 | 665.3 | 995.9 | 1328.6 | 1659.1 | 2086.0 | 2512.8 | 2941.7 | 3368.5 | 3688.6 | 4008.7 |
| 37.5° | 380.8 | 780.4 | 1177.9 | 1577.6 | 1975.1 | 2435.4 | 2895.7 | 3358.0 | 3818.3 | 4213.8 | 4611.3 |
| 40° | 458.2 | 933.1 | 1408.1 | 1880.9 | 2355.9 | 2933.3 | 3510.8 | 4088.2 | 4665.7 | 5190.9 | 5716.0 |
| 42.5° | 625.6 | 1251.2 | 1878.8 | 2504.4 | 3130.0 | 3994.1 | 4856.1 | 5718.1 | 6582.2 | 7324.9 | 8067.7 |
| 45° | 1025.2 | 1998.1 | 2971.0 | 3943.9 | 4916.8 | 5950.3 | 6981.8 | 8015.4 | 9048.9 | 10147.4 | 11245.8 |
| 47.5° | 1696.8 | 3037.9 | 4379.1 | 5718.1 | 7059.2 | 8124.2 | 9187.0 | 10249.9 | 11314.8 | 12340.0 | 13365.2 |
| 50° | 2475.1 | 3918.8 | 5362.4 | 6806.1 | 8249.7 | 9201.7 | 10151.6 | 11101.4 | 12053.4 | 13059.8 | 14064.0 |
| 52.5° | 2653.0 | 4096.6 | 5540.3 | 6981.8 | 8425.5 | 9385.8 | 10346.1 | 11308.6 | 12268.9 | 13252.3 | 14237.7 |
| 55° | 2383.1 | 3814.2 | 5243.2 | 6674.3 | 8103.3 | 9157.7 | 10212.2 | 11266.7 | 12321.2 | 13423.8 | 14526.4 |
| 57.5° | *1893.5* | *3339.2* | *4782.9* | *6228.6* | *7672.3* | *8923.4* | *10172.5* | *11423.6* | *12674.8* | *13838.1* | *15001.4* |
| 60° | 1521.1 | 2996.1 | 4471.1 | 5946.2 | 7421.2 | 8756.0 | 10088.8 | 11421.5 | 12756.4 | 13746.0 | 14735.7 |
| 62.5° | 1108.9 | 2569.3 | 4029.7 | 5490.0 | 6950.4 | 8147.2 | 9344.0 | 10542.8 | 11739.6 | 12442.6 | 13145.6 |
| 65° | 786.7 | 2077.6 | 3368.5 | 4657.3 | 5948.2 | 6778.9 | 7609.5 | 8440.1 | 9270.7 | 9879.6 | 10488.4 |
| 67.5° | 541.9 | 1452.0 | 2360.0 | 3270.2 | 4178.2 | 4885.4 | 5590.5 | 6297.6 | 7004.8 | 7517.4 | 8032.1 |
| 70° | 385.0 | 880.8 | 1376.7 | 1870.5 | 2366.3 | 2991.9 | 3617.5 | 4243.1 | 4868.6 | 5494.2 | 6121.9 |
| 72.5° | 274.1 | 491.7 | 707.2 | 924.8 | 1140.3 | 1684.3 | 2228.2 | 2774.3 | 3318.3 | 3697.0 | 4077.8 |
| 75° | 207.1 | 265.7 | 322.2 | 380.8 | 437.3 | 569.1 | 700.9 | 832.7 | 964.5 | 1098.4 | 1232.3 |
| 77.5° | 98.3 | 108.8 | 117.2 | 127.6 | 136.0 | 169.5 | 202.9 | 236.4 | 269.9 | 326.4 | 382.9 |
| 80° | 52.3 | 56.5 | 60.7 | 64.9 | 69.0 | 71.1 | 73.2 | 75.3 | 77.4 | 83.7 | 92.1 |
| 82.5° | 18.8 | 20.9 | 20.9 | 23.0 | 23.0 | 20.9 | 20.9 | 18.8 | 16.7 | 18.8 | 18.8 |
| 85° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 29.3 | 29.3 | 29.3 | 29.3 | 27.2 | 27.2 | 27.2 | 27.2 | 25.1 | 25.1 | 25.1 |
| 5° | 33.5 | 33.5 | 33.5 | 33.5 | 31.4 | 31.4 | 31.4 | 31.4 | 29.3 | 29.3 | 29.3 |
| 7.5° | 39.8 | 39.8 | 39.8 | 39.8 | 37.7 | 37.7 | 37.7 | 37.7 | 35.6 | 35.6 | 35.6 |
| 10° | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 46.0 | 46.0 | 46.0 |
| 12.5° | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 56.5 | 56.5 | 56.5 |
| 15° | 77.4 | 79.5 | 81.6 | 83.7 | 83.7 | 85.8 | 83.7 | 81.6 | 79.5 | 77.4 | 75.3 |
| 17.5° | 144.4 | 154.8 | 159.0 | 161.1 | 165.3 | 167.4 | 165.3 | 161.1 | 159.0 | 154.8 | 144.4 |
| 20° | 420.5 | 470.8 | 506.3 | 541.9 | 577.5 | 613.0 | 592.1 | 571.2 | 550.3 | 529.3 | 474.9 |
| 22.5° | 1106.8 | 1224.0 | 1305.6 | 1387.2 | 1468.8 | 1550.4 | 1493.9 | 1437.4 | 1378.8 | 1322.3 | 1184.2 |
| 25° | 1927.0 | 2125.7 | 2230.3 | 2337.0 | 2441.6 | 2546.3 | 2450.0 | 2353.8 | 2255.4 | 2159.2 | 1966.7 |
| 27.5° | 2604.8 | 2843.4 | 2933.3 | 3021.2 | 3111.2 | 3199.0 | 3113.3 | 3029.6 | 2943.8 | 2858.0 | 2634.1 |
| 30° | 3178.1 | 3412.4 | 3500.3 | 3588.2 | 3676.1 | 3763.9 | 3667.7 | 3569.4 | 3473.1 | 3374.8 | 3153.0 |
| 32.5° | 3701.2 | 3969.0 | 4090.3 | 4211.7 | 4333.0 | 4454.4 | 4310.0 | 4165.7 | 4021.3 | 3876.9 | 3623.8 |
| 35° | 4328.8 | 4649.0 | 4791.2 | 4935.6 | 5077.9 | 5220.1 | 5048.6 | 4874.9 | 4703.4 | 4529.7 | 4209.6 |
| 37.5° | 5006.7 | 5402.2 | 5592.6 | 5783.0 | 5973.3 | 6163.7 | 5950.3 | 5736.9 | 5523.5 | 5310.1 | 4902.1 |
| 40° | 6241.2 | 6766.3 | 7048.8 | 7329.1 | 7611.6 | 7891.9 | 7571.8 | 7249.6 | 6929.5 | 6607.3 | 6046.6 |
| 42.5° | 8808.3 | 9551.1 | 9952.8 | 10354.5 | 10756.2 | 11157.9 | 10691.4 | 10222.7 | 9756.1 | 9287.5 | 8513.3 |
| 45° | 12344.2 | 13442.7 | 13886.2 | 14327.7 | 14771.2 | 15212.7 | 14685.4 | 14158.2 | 13628.9 | 13101.6 | 12061.8 |
| 47.5° | 14390.4 | 15415.6 | 15850.8 | 16286.0 | 16719.1 | 17154.3 | 16658.4 | 16162.6 | 15666.7 | 15170.8 | 14156.1 |
| 50° | 15070.4 | 16074.7 | 16553.8 | 17035.0 | 17514.2 | 17993.3 | 17426.3 | 16857.2 | 16290.2 | 15721.1 | 14746.1 |
| 52.5° | 15221.1 | 16204.4 | 16769.3 | 17334.2 | 17897.0 | 18461.9 | 17807.1 | 17152.2 | 16495.2 | 15840.4 | 14873.7 |
| 55° | 15627.0 | 16729.6 | 17380.3 | 18028.8 | 18679.5 | 19328.1 | 18564.5 | 17798.7 | 17035.0 | 16269.3 | 15208.5 |
| 57.5° | 16164.7 | 17327.9 | 17922.1 | 18516.3 | 19108.4 | 19702.6 | 18964.1 | 18227.6 | 17489.0 | 16750.5 | 15643.7 |
| 60° | 15723.2 | 16712.8 | 17208.7 | 17702.5 | 18198.3 | 18692.1 | 18024.7 | 17359.3 | 16691.9 | 16024.5 | 15101.8 |
| 62.5° | 13846.5 | 14549.4 | 14932.3 | 15315.2 | 15696.0 | 16078.9 | 15530.7 | 14982.5 | 14434.4 | 13886.2 | 13216.7 |
| 65° | 11095.2 | 11704.0 | 11980.2 | 12254.3 | 12530.4 | 12804.5 | 12423.7 | 12042.9 | 11660.1 | 11279.3 | 10716.5 |
| 67.5° | 8544.7 | 9057.3 | 9484.1 | 9908.9 | 10335.7 | 10760.4 | 10298.0 | 9835.6 | 9371.2 | 8908.8 | 8369.0 |
| 70° | 6747.5 | 7373.1 | 7724.6 | 8076.1 | 8427.5 | 8779.0 | 8377.3 | 7975.6 | 7571.8 | 7170.1 | 6605.2 |
| 72.5° | 4456.5 | 4835.2 | 4960.7 | 5088.3 | 5213.9 | 5339.4 | 5192.9 | 5048.6 | 4902.1 | 4755.7 | 4397.9 |
| 75° | 1364.1 | 1498.0 | 1646.6 | 1797.2 | 1945.8 | 2094.3 | 1960.4 | 1826.5 | 1692.6 | 1558.7 | 1437.4 |
| 77.5° | 437.3 | 493.8 | 537.7 | 581.6 | 623.5 | 667.4 | 669.5 | 671.6 | 671.6 | 673.7 | 608.8 |
| 80° | 98.3 | 104.6 | 104.6 | 104.6 | 102.5 | 102.5 | 113.0 | 121.4 | 131.8 | 140.2 | 131.8 |
| 82.5° | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 18.8 | 18.8 | 18.8 |
| 85° | 2.1 | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 |
| 2.5° | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 23.0 | 23.0 |
| 5° | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 29.3 | 27.2 | 27.2 |
| 7.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 33.5 | 33.5 | 33.5 | 33.5 | 31.4 | 31.4 |
| 10° | 46.0 | 43.9 | 43.9 | 43.9 | 41.8 | 41.8 | 39.8 | 39.8 | 37.7 | 37.7 | 35.6 |
| 12.5° | 56.5 | 54.4 | 54.4 | 52.3 | 52.3 | 50.2 | 48.1 | 46.0 | 43.9 | 41.8 | 39.8 |
| 15° | 73.2 | 71.1 | 69.0 | 67.0 | 62.8 | 60.7 | 56.5 | 54.4 | 52.3 | 50.2 | 48.1 |
| 17.5° | 133.9 | 123.4 | 113.0 | 102.5 | 94.2 | 83.7 | 73.2 | 69.0 | 62.8 | 58.6 | 52.3 |
| 20° | 422.6 | 368.2 | 313.8 | 265.7 | 217.6 | 167.4 | 119.3 | 104.6 | 90.0 | 75.3 | 60.7 |
| 22.5° | 1048.2 | 910.1 | 772.0 | 652.8 | 533.5 | 414.3 | 295.0 | 240.6 | 186.2 | 131.8 | 77.4 |
| 25° | 1774.2 | 1579.6 | 1387.2 | 1177.9 | 970.8 | 761.6 | 552.4 | 443.6 | 332.7 | 221.8 | 113.0 |
| 27.5° | 2410.3 | 2186.4 | 1962.5 | 1686.3 | 1410.2 | 1131.9 | 855.7 | 688.3 | 518.9 | 349.4 | 182.0 |
| 30° | 2933.3 | 2711.5 | 2489.8 | 2150.8 | 1809.8 | 1470.8 | 1129.8 | 912.2 | 694.6 | 474.9 | 257.3 |
| 32.5° | 3370.6 | 3117.4 | 2864.3 | 2491.9 | 2121.5 | 1749.1 | 1376.7 | 1106.8 | 839.0 | 569.1 | 299.2 |
| 35° | 3887.4 | 3567.3 | 3245.1 | 2847.5 | 2452.1 | 2054.6 | 1657.1 | 1328.6 | 998.0 | 667.4 | 338.9 |
| 37.5° | 4494.1 | 4086.1 | 3678.2 | 3247.2 | 2818.2 | 2387.2 | 1956.2 | 1567.1 | 1180.0 | 790.9 | 401.7 |
| 40° | 5487.9 | 4927.2 | 4366.5 | 3849.7 | 3330.8 | 2814.1 | 2295.2 | 1845.4 | 1395.5 | 943.6 | 493.8 |
| 42.5° | 7739.2 | 6965.1 | 6190.9 | 5416.8 | 4640.6 | 3866.5 | 3090.2 | 2477.2 | 1866.3 | 1253.3 | 640.2 |
| 45° | 11021.9 | 9982.1 | 8942.2 | 7904.5 | 6866.7 | 5829.0 | 4791.2 | 3839.3 | 2887.3 | 1933.2 | 981.3 |
| 47.5° | 13141.4 | 12126.6 | 11111.9 | 10118.1 | 9126.4 | 8132.5 | 7138.7 | 5799.7 | 4460.7 | 3119.5 | 1780.5 |
| 50° | 13773.2 | 12798.2 | 11823.3 | 10936.1 | 10051.1 | 9164.0 | 8276.9 | 6860.5 | 5446.1 | 4029.7 | 2613.2 |
| 52.5° | 13907.1 | 12938.4 | 11971.8 | 11082.6 | 10195.5 | 9306.3 | 8417.1 | 7006.9 | 5596.7 | 4184.5 | 2774.3 |
| 55° | 14147.7 | 13087.0 | 12026.2 | 11028.2 | 10030.2 | 9030.1 | 8032.1 | 6624.0 | 5216.0 | 3807.9 | 2399.8 |
| 57.5° | *14536.9* | *13428.0* | *12321.2* | *11132.8* | *9944.4* | *8756.0* | *7567.6* | *6147.0* | *4726.4* | *3305.7* | *1885.1* |
| 60° | 14179.1 | 13254.4 | 12331.7 | 11051.2 | 9768.7 | 8488.2 | 7205.7 | 5762.0 | 4316.3 | 2870.6 | 1426.9 |
| 62.5° | 12545.1 | 11875.6 | 11204.0 | 10067.9 | 8931.8 | 7795.7 | 6659.6 | 5253.6 | 3847.6 | 2441.6 | 1035.7 |
| 65° | 10151.6 | 9588.7 | 9023.8 | 8124.2 | 7224.5 | 6322.8 | 5423.1 | 4238.9 | 3056.8 | 1872.6 | 688.3 |
| 67.5° | 7829.2 | 7289.4 | 6749.6 | 6040.3 | 5331.0 | 4621.8 | 3912.5 | 3050.5 | 2188.5 | 1324.4 | 462.4 |
| 70° | 6040.3 | 5475.4 | 4910.5 | 4272.4 | 3634.2 | 2996.1 | 2358.0 | 1855.8 | 1355.8 | 853.6 | 351.5 |
| 72.5° | 4040.1 | 3682.3 | 3324.6 | 2795.2 | 2265.9 | 1736.6 | 1207.2 | 977.1 | 746.9 | 514.7 | 284.5 |
| 75° | 1313.9 | 1192.6 | 1069.1 | 924.8 | 780.4 | 633.9 | 489.6 | 424.7 | 357.8 | 290.8 | 226.0 |
| 77.5° | 541.9 | 477.0 | 410.1 | 349.4 | 286.6 | 226.0 | 163.2 | 152.7 | 142.3 | 131.8 | 121.4 |
| 80° | 121.4 | 113.0 | 102.5 | 96.2 | 90.0 | 83.7 | 77.4 | 73.2 | 67.0 | 62.8 | 56.5 |
| 82.5° | 16.7 | 16.7 | 14.6 | 16.7 | 18.8 | 20.9 | 23.0 | 20.9 | 20.9 | 18.8 | 16.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Scaled Data Report

REPORT NUMBER: P1390166
CATALOG NUMBER: GSS-SA2D-930-U-RBC

**CANDELA DISTRIBUTION (continued):**

| | 357.5° | 360° |
|---|---|---|
| 0° | 25.1 | 25.1 |
| 2.5° | 23.0 | 23.0 |
| 5° | 27.2 | 25.1 |
| 7.5° | 31.4 | 29.3 |
| 10° | 35.6 | 33.5 |
| 12.5° | 39.8 | 37.7 |
| 15° | 46.0 | 41.8 |
| 17.5° | 50.2 | 46.0 |
| 20° | 56.5 | 50.2 |
| 22.5° | 67.0 | 56.5 |
| 25° | 87.9 | 64.9 |
| 27.5° | 129.7 | 79.5 |
| 30° | 182.0 | 106.7 |
| 32.5° | 215.5 | 131.8 |
| 35° | 234.3 | 131.8 |
| 37.5° | 265.7 | 129.7 |
| 40° | 313.8 | 136.0 |
| 42.5° | 393.3 | 148.5 |
| 45° | 583.7 | 186.2 |
| 47.5° | 1058.7 | 336.9 |
| 50° | 1569.2 | 527.2 |
| 52.5° | 1673.8 | 573.3 |
| 55° | 1458.3 | 516.8 |
| 57.5° | *1161.2* | *437.3* |
| 60° | 876.6 | 328.5 |
| 62.5° | 650.7 | 267.8 |
| 65° | 462.4 | 236.4 |
| 67.5° | 341.0 | 219.7 |
| 70° | 280.4 | 211.3 |
| 72.5° | 240.6 | 196.7 |
| 75° | 200.9 | 175.7 |
| 77.5° | 125.5 | 127.6 |
| 80° | 54.4 | 50.2 |
| 82.5° | 16.7 | 14.6 |
| 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: P1390166
CATALOG NUMBER: GSS-SA2D-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

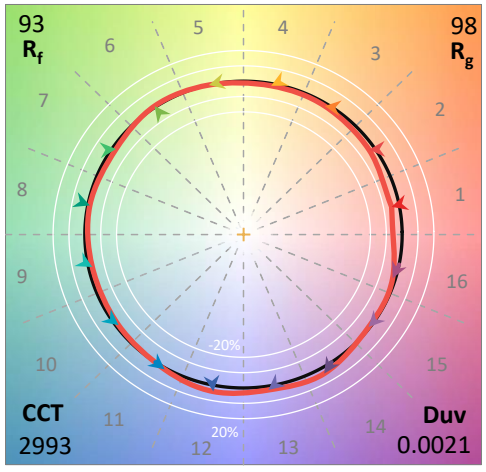
## Test Information

| | |
|---|---|
| Test Method: | LM-79-2019 |
| Report Number: | SP1-2407-184-14 |
| 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-930-U-5WQ** |
| Description: | GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS |

## Spectral Parameters

| | |
|---|---|
| CCT (K): | 2993 |
| CIE u': | 0.2501 |
| CIE v': | 0.5245 |
| Duv: | 0.0021 |
| CIE x: | 0.4406 |
| CIE y: | 0.4107 |
| CIE z: | 0.1487 |
| Peak Wavelength (nm): | 621 |
| Dominant Wavelength (nm): | 582 |
| Purity: | 55.53327 |
| Rf: | 92.6 |
| Rg: | 98.5 |

| | |
|---|---|
| CRI (Ra): | 92.4 |
| R1: | 92.2 |
| R2: | 95.2 |
| R3: | 97.0 |
| R4: | 93.1 |
| R5: | 91.7 |
| R6: | 94.2 |
| R7: | 93.3 |
| R8: | 82.3 |
| R9: | 58.2 |
| R10: | 87.7 |
| R11: | 93.5 |
| R12: | 81.7 |
| R13: | 92.9 |
| R14: | 97.6 |
| R15: | 88.1 |




## Test Conditions

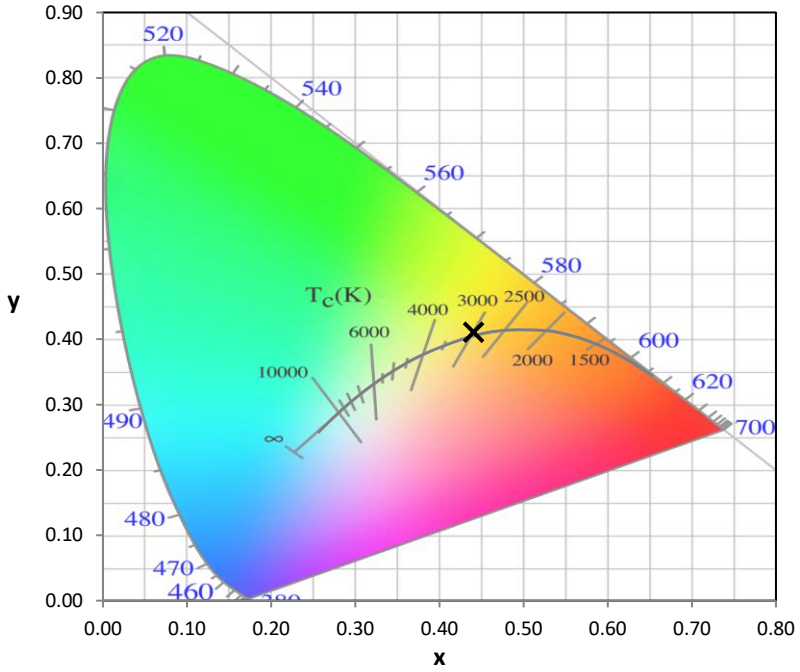
| | |
|---|---|
| Stabilization Time: | 20M |
| Operation Time: | 1H 20M |
| Sphere Temperature (°C): | 25.2 |

REPORT NUMBER: SP1-2407-184-14

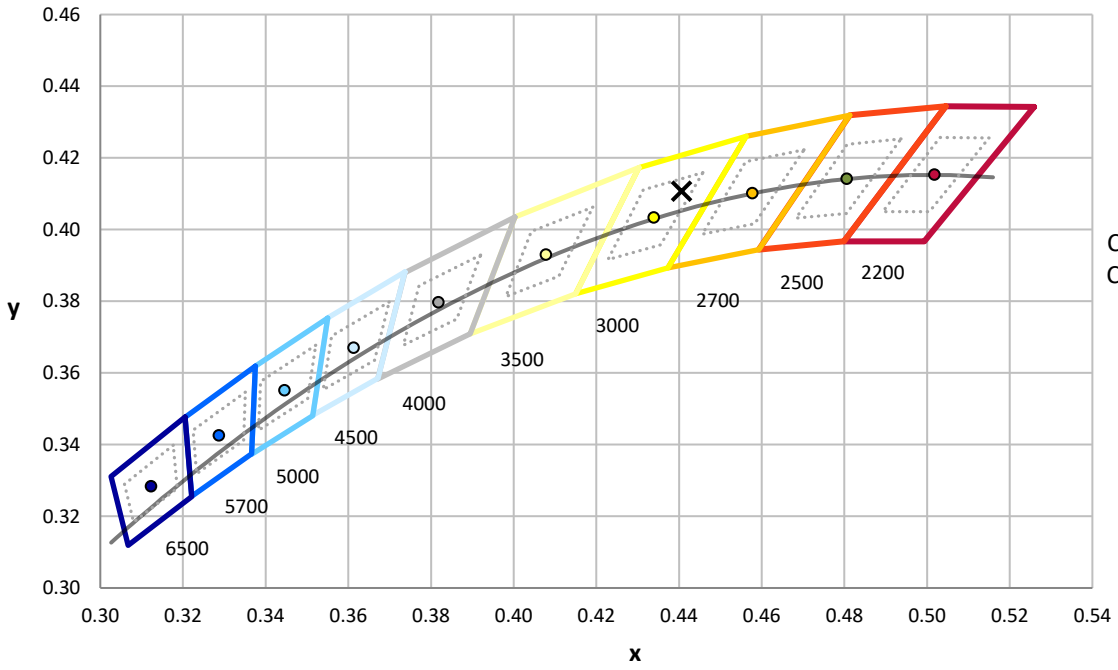
| Measurement and Test Equipment | | | |
|---|---|---|---|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/18/2024 | 12/18/2024 |
| Power Meter | INXT2011004 | 2/8/2024 | 2/8/2025 |
| AC Power Source | IN0063 | 10/24/2023 | 10/24/2024 |
| DC 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: SP1-2407-184-14

**CIE 1931 Chromaticity Diagram**




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

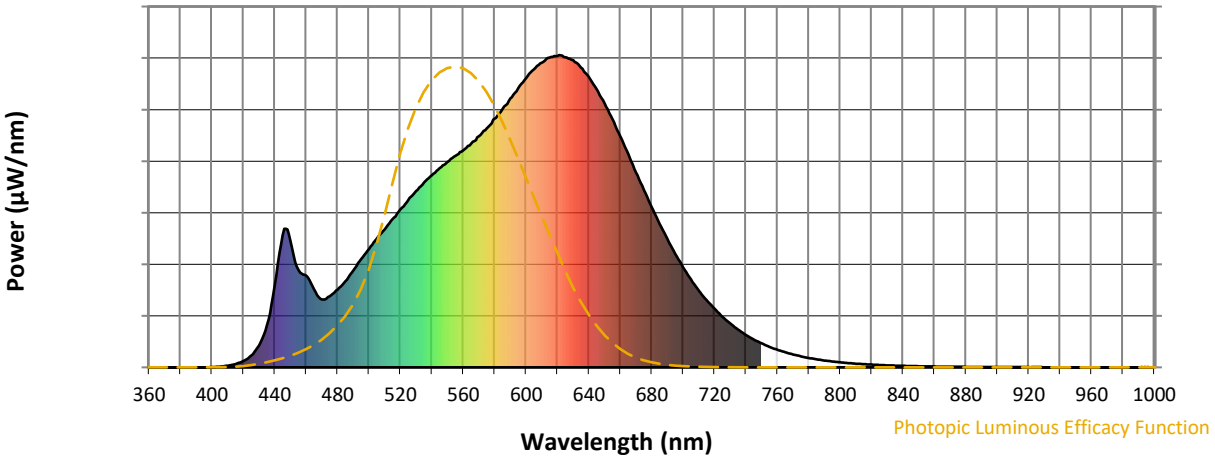



CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

## Photopic Flux vs. Wavelength

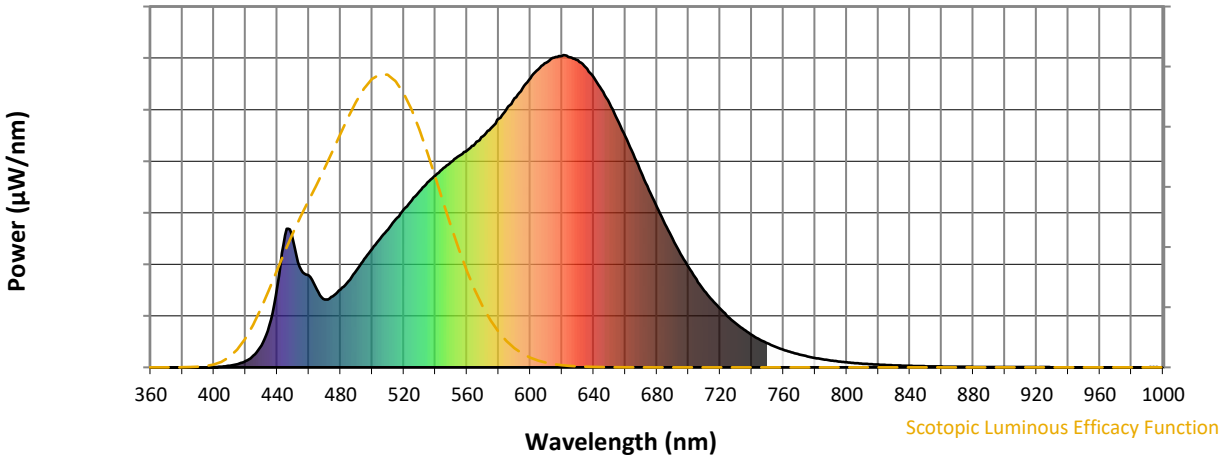



## Photopic Lumens: NR

| 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 | 310 | NR | 620 | 998 | NR | 750 | 77 | NR | 880 | 2 | NR |
| 365 | 0 | NR | 495 | 347 | NR | 625 | 993 | NR | 755 | 66 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 379 | NR | 630 | 983 | NR | 760 | 56 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 412 | NR | 635 | 960 | NR | 765 | 48 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 442 | NR | 640 | 930 | NR | 770 | 41 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 475 | NR | 645 | 889 | NR | 775 | 35 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 506 | NR | 650 | 846 | NR | 780 | 30 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 535 | NR | 655 | 794 | NR | 785 | 26 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 565 | NR | 660 | 740 | NR | 790 | 22 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 592 | NR | 665 | 684 | NR | 795 | 19 | NR | 925 | 1 | NR |
| 410 | 6 | NR | 540 | 615 | NR | 670 | 624 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 10 | NR | 545 | 638 | NR | 675 | 567 | NR | 805 | 14 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 658 | NR | 680 | 513 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 38 | NR | 555 | 678 | NR | 685 | 459 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 70 | NR | 560 | 695 | NR | 690 | 412 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 136 | NR | 565 | 716 | NR | 695 | 363 | NR | 825 | 8 | NR | 955 | 0 | NR |
| 440 | 262 | NR | 570 | 740 | NR | 700 | 320 | NR | 830 | 7 | NR | 960 | 0 | NR |
| 445 | 424 | NR | 575 | 765 | NR | 705 | 281 | NR | 835 | 6 | NR | 965 | 0 | NR |
| 450 | 406 | NR | 580 | 796 | NR | 710 | 245 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 313 | NR | 585 | 827 | NR | 715 | 215 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 294 | NR | 590 | 861 | NR | 720 | 188 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 250 | NR | 595 | 894 | NR | 725 | 162 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 217 | NR | 600 | 927 | NR | 730 | 140 | NR | 860 | 3 | NR | 990 | 0 | NR |
| 475 | 228 | NR | 605 | 954 | NR | 735 | 121 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 249 | NR | 610 | 976 | NR | 740 | 104 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 276 | NR | 615 | 992 | NR | 745 | 89 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-14

## Scotopic Flux vs. Wavelength

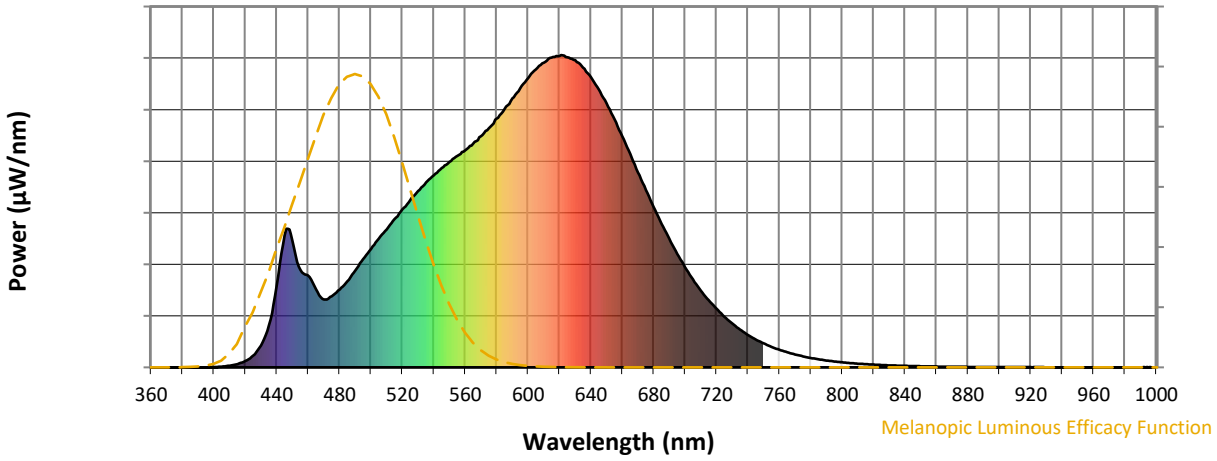



**Scotopic Lumens: NR** **S/P: 1.39**

| 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 | 310 | NR | 620 | 998 | NR | 750 | 77 | NR | 880 | 2 | NR |
| 365 | 0 | NR | 495 | 347 | NR | 625 | 993 | NR | 755 | 66 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 379 | NR | 630 | 983 | NR | 760 | 56 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 412 | NR | 635 | 960 | NR | 765 | 48 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 442 | NR | 640 | 930 | NR | 770 | 41 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 475 | NR | 645 | 889 | NR | 775 | 35 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 506 | NR | 650 | 846 | NR | 780 | 30 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 535 | NR | 655 | 794 | NR | 785 | 26 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 565 | NR | 660 | 740 | NR | 790 | 22 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 592 | NR | 665 | 684 | NR | 795 | 19 | NR | 925 | 1 | NR |
| 410 | 6 | NR | 540 | 615 | NR | 670 | 624 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 10 | NR | 545 | 638 | NR | 675 | 567 | NR | 805 | 14 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 658 | NR | 680 | 513 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 38 | NR | 555 | 678 | NR | 685 | 459 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 70 | NR | 560 | 695 | NR | 690 | 412 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 136 | NR | 565 | 716 | NR | 695 | 363 | NR | 825 | 8 | NR | 955 | 0 | NR |
| 440 | 262 | NR | 570 | 740 | NR | 700 | 320 | NR | 830 | 7 | NR | 960 | 0 | NR |
| 445 | 424 | NR | 575 | 765 | NR | 705 | 281 | NR | 835 | 6 | NR | 965 | 0 | NR |
| 450 | 406 | NR | 580 | 796 | NR | 710 | 245 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 313 | NR | 585 | 827 | NR | 715 | 215 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 294 | NR | 590 | 861 | NR | 720 | 188 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 250 | NR | 595 | 894 | NR | 725 | 162 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 217 | NR | 600 | 927 | NR | 730 | 140 | NR | 860 | 3 | NR | 990 | 0 | NR |
| 475 | 228 | NR | 605 | 954 | NR | 735 | 121 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 249 | NR | 610 | 976 | NR | 740 | 104 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 276 | NR | 615 | 992 | NR | 745 | 89 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2407-184-14

## Melanopic Flux vs. Wavelength




**Melanopic Lumens: NR** **M/P: 2.69**

| 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 | 310 | NR | 620 | 998 | NR | 750 | 77 | NR | 880 | 2 | NR |
| 365 | 0 | NR | 495 | 347 | NR | 625 | 993 | NR | 755 | 66 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 379 | NR | 630 | 983 | NR | 760 | 56 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 412 | NR | 635 | 960 | NR | 765 | 48 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 442 | NR | 640 | 930 | NR | 770 | 41 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 475 | NR | 645 | 889 | NR | 775 | 35 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 506 | NR | 650 | 846 | NR | 780 | 30 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 535 | NR | 655 | 794 | NR | 785 | 26 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 565 | NR | 660 | 740 | NR | 790 | 22 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 592 | NR | 665 | 684 | NR | 795 | 19 | NR | 925 | 1 | NR |
| 410 | 6 | NR | 540 | 615 | NR | 670 | 624 | NR | 800 | 16 | NR | 930 | 0 | NR |
| 415 | 10 | NR | 545 | 638 | NR | 675 | 567 | NR | 805 | 14 | NR | 935 | 0 | NR |
| 420 | 20 | NR | 550 | 658 | NR | 680 | 513 | NR | 810 | 12 | NR | 940 | 0 | NR |
| 425 | 38 | NR | 555 | 678 | NR | 685 | 459 | NR | 815 | 10 | NR | 945 | 0 | NR |
| 430 | 70 | NR | 560 | 695 | NR | 690 | 412 | NR | 820 | 9 | NR | 950 | 0 | NR |
| 435 | 136 | NR | 565 | 716 | NR | 695 | 363 | NR | 825 | 8 | NR | 955 | 0 | NR |
| 440 | 262 | NR | 570 | 740 | NR | 700 | 320 | NR | 830 | 7 | NR | 960 | 0 | NR |
| 445 | 424 | NR | 575 | 765 | NR | 705 | 281 | NR | 835 | 6 | NR | 965 | 0 | NR |
| 450 | 406 | NR | 580 | 796 | NR | 710 | 245 | NR | 840 | 5 | NR | 970 | 0 | NR |
| 455 | 313 | NR | 585 | 827 | NR | 715 | 215 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 294 | NR | 590 | 861 | NR | 720 | 188 | NR | 850 | 4 | NR | 980 | 0 | NR |
| 465 | 250 | NR | 595 | 894 | NR | 725 | 162 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 217 | NR | 600 | 927 | NR | 730 | 140 | NR | 860 | 3 | NR | 990 | 0 | NR |
| 475 | 228 | NR | 605 | 954 | NR | 735 | 121 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 249 | NR | 610 | 976 | NR | 740 | 104 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 276 | NR | 615 | 992 | NR | 745 | 89 | NR | 875 | 2 | NR | | | |

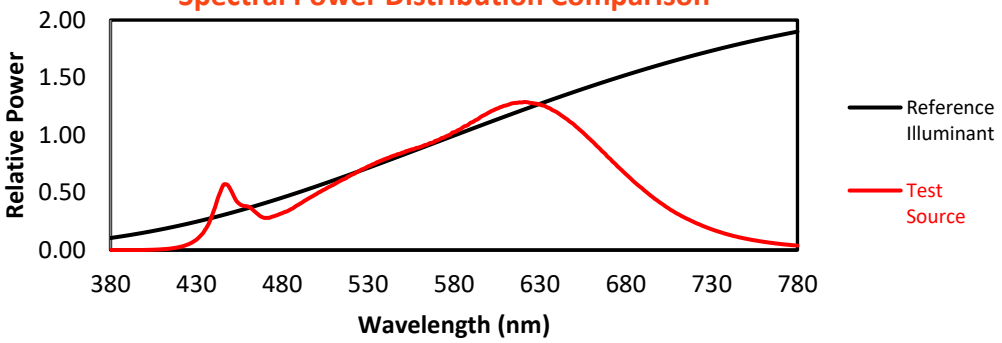
REPORT NUMBER: SP1-2407-184-14

# TM-30-18

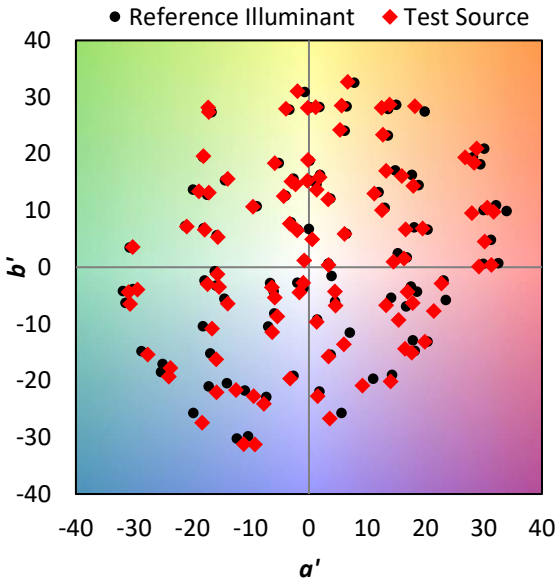
## Summary

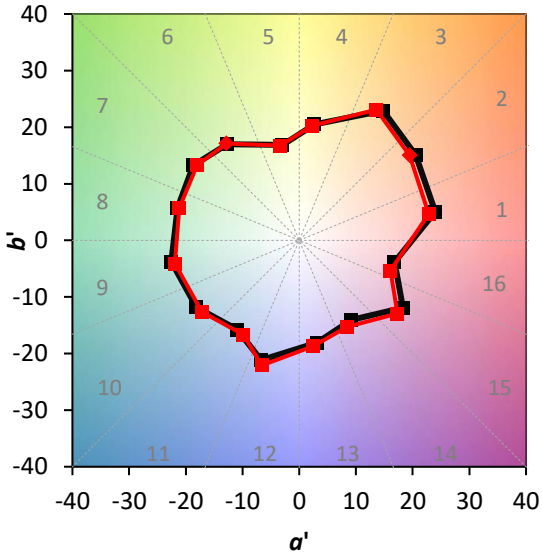
$R_f$ = 92.6
$R_g$ = 98.5
CIE $R_a$ = 92.4
$R_9$ = 58.2

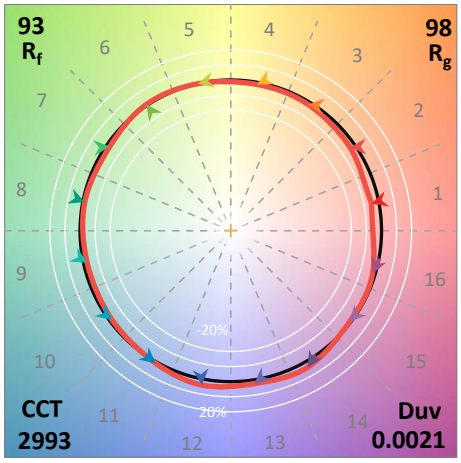
## Spectral Power Distribution Comparison

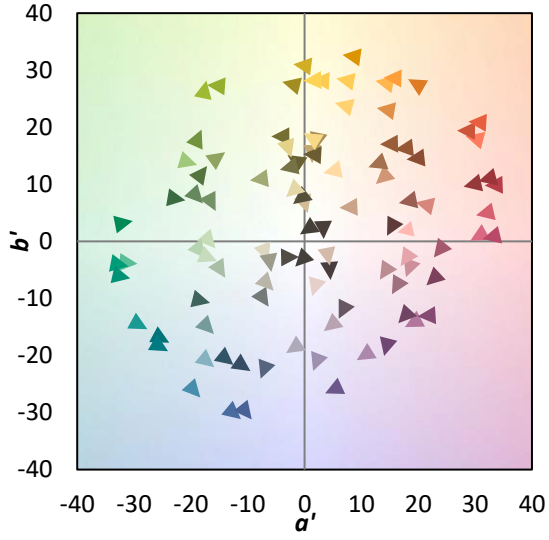



## Color Vector Graphics



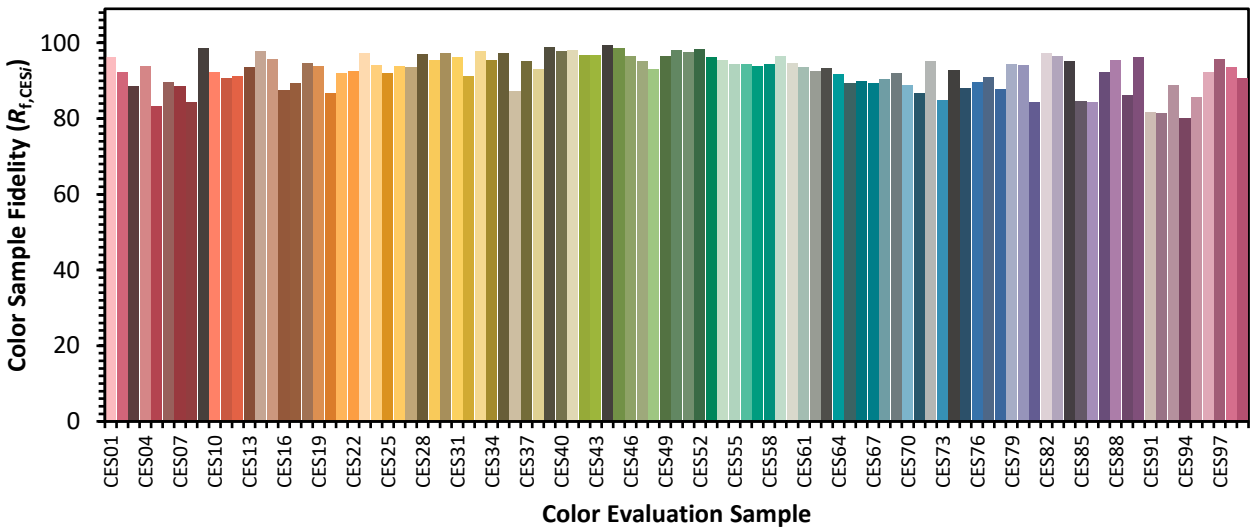



REPORT NUMBER: SP1-2407-184-14

# TM-30-18

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

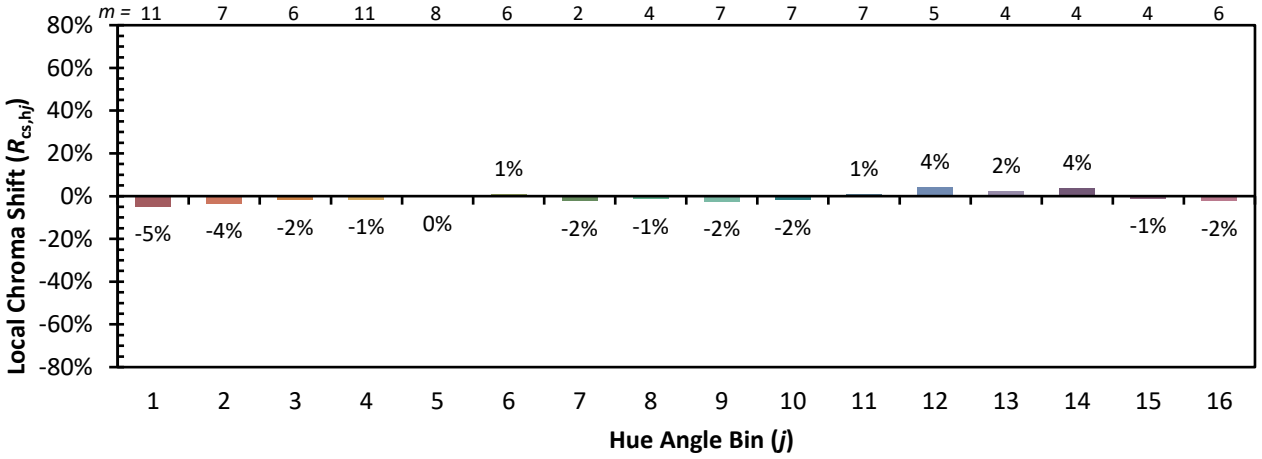
| | | | |
|---|---|---|---|
| CES01 = 86 | CES26 = 94 | CES51 = 98 | CES76 = 90 |
| CES02 = 63 | CES27 = 94 | CES52 = 98 | CES77 = 91 |
| CES03 = 32 | CES28 = 97 | CES53 = 96 | CES78 = 88 |
| CES04 = 70 | CES29 = 95 | CES54 = 95 | CES79 = 94 |
| CES05 = 51 | CES30 = 97 | CES55 = 94 | CES80 = 94 |
| CES06 = 51 | CES31 = 96 | CES56 = 94 | CES81 = 84 |
| CES07 = 43 | CES32 = 91 | CES57 = 94 | CES82 = 97 |
| CES08 = 42 | CES33 = 98 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 96 | CES59 = 97 | CES84 = 95 |
| CES10 = 76 | CES35 = 97 | CES60 = 95 | CES85 = 85 |
| CES11 = 59 | CES36 = 87 | CES61 = 94 | CES86 = 84 |
| CES12 = 65 | CES37 = 95 | CES62 = 92 | CES87 = 92 |
| CES13 = 44 | CES38 = 93 | CES63 = 93 | CES88 = 95 |
| CES14 = 74 | CES39 = 99 | CES64 = 92 | CES89 = 86 |
| CES15 = 72 | CES40 = 98 | CES65 = 89 | CES90 = 96 |
| CES16 = 48 | CES41 = 98 | CES66 = 90 | CES91 = 82 |
| CES17 = 50 | CES42 = 97 | CES67 = 89 | CES92 = 81 |
| CES18 = 57 | CES43 = 97 | CES68 = 90 | CES93 = 89 |
| CES19 = 72 | CES44 = 99 | CES69 = 92 | CES94 = 80 |
| CES20 = 67 | CES45 = 99 | CES70 = 89 | CES95 = 86 |
| CES21 = 86 | CES46 = 96 | CES71 = 87 | CES96 = 92 |
| CES22 = 79 | CES47 = 95 | CES72 = 95 | CES97 = 96 |
| CES23 = 92 | CES48 = 93 | CES73 = 85 | CES98 = 94 |
| CES24 = 91 | CES49 = 97 | CES74 = 93 | CES99 = 91 |
| CES25 = 72 | CES50 = 98 | CES75 = 88 | |

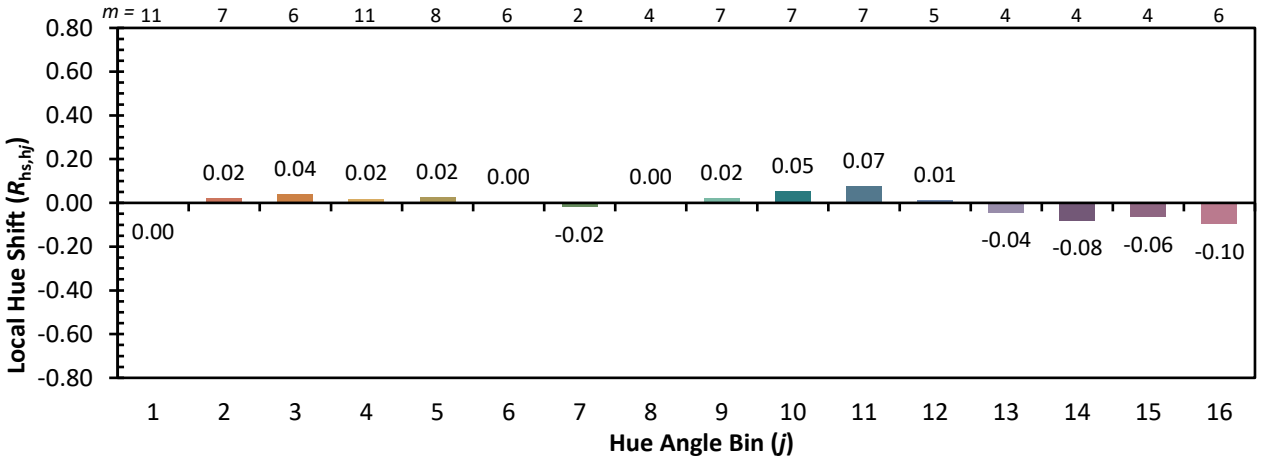


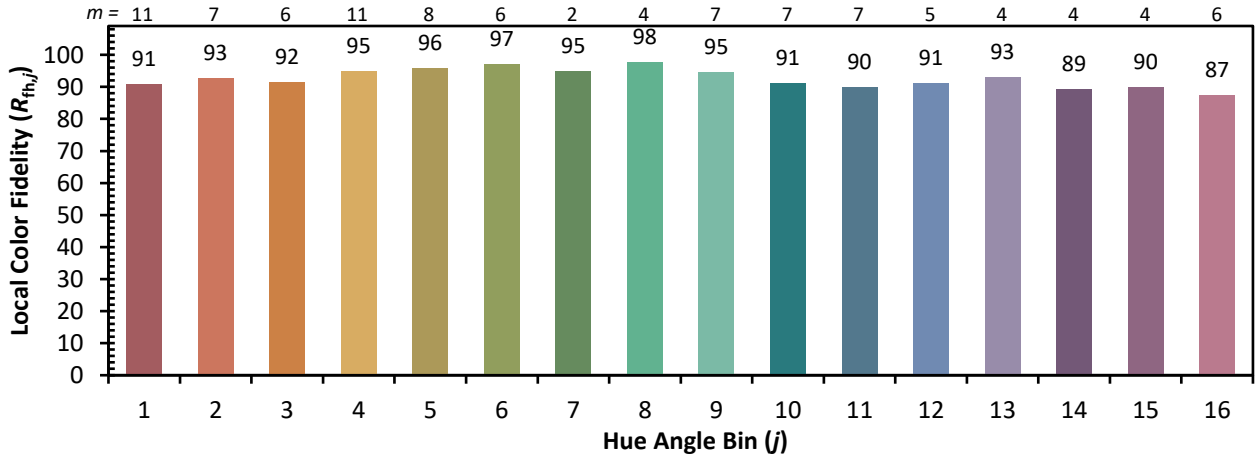
REPORT NUMBER: SP1-2407-184-14

**TM-30-18**

## Color Rendition by Hue-Angle Bin



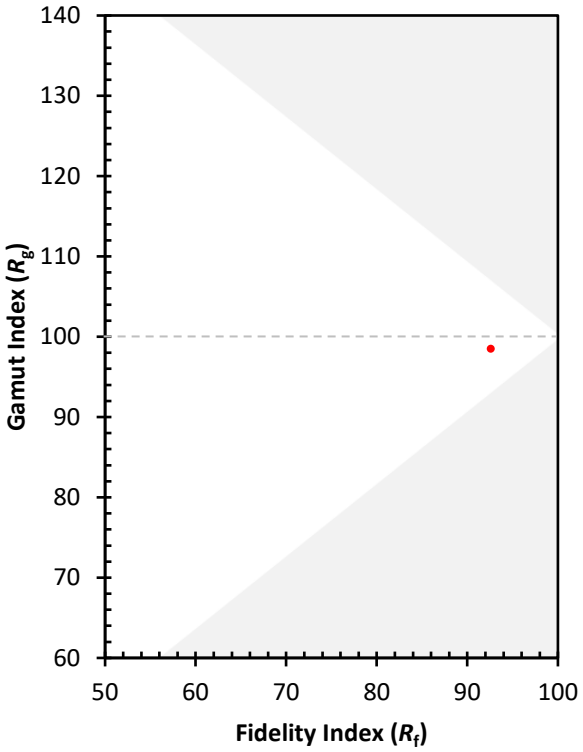



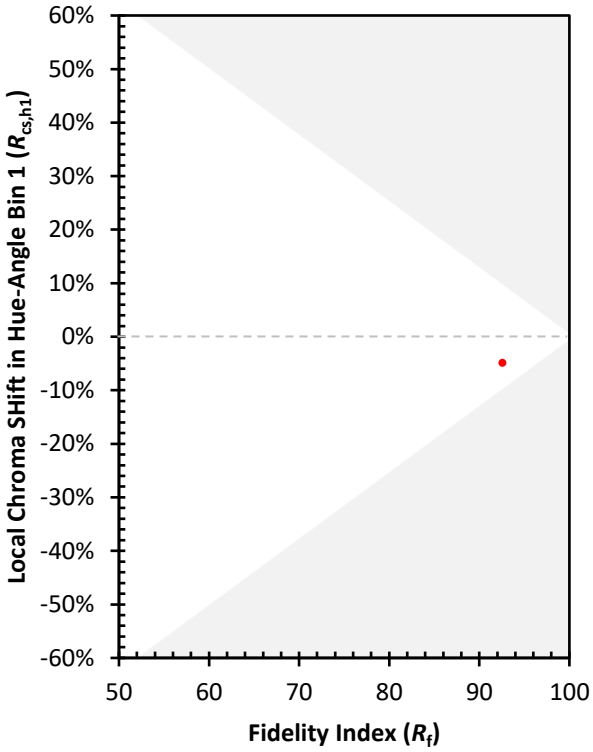



REPORT NUMBER: SP1-2407-184-14

# TM-30-18

## Measure Comparisons




(END OF REPORT)