

Classified
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: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-730-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

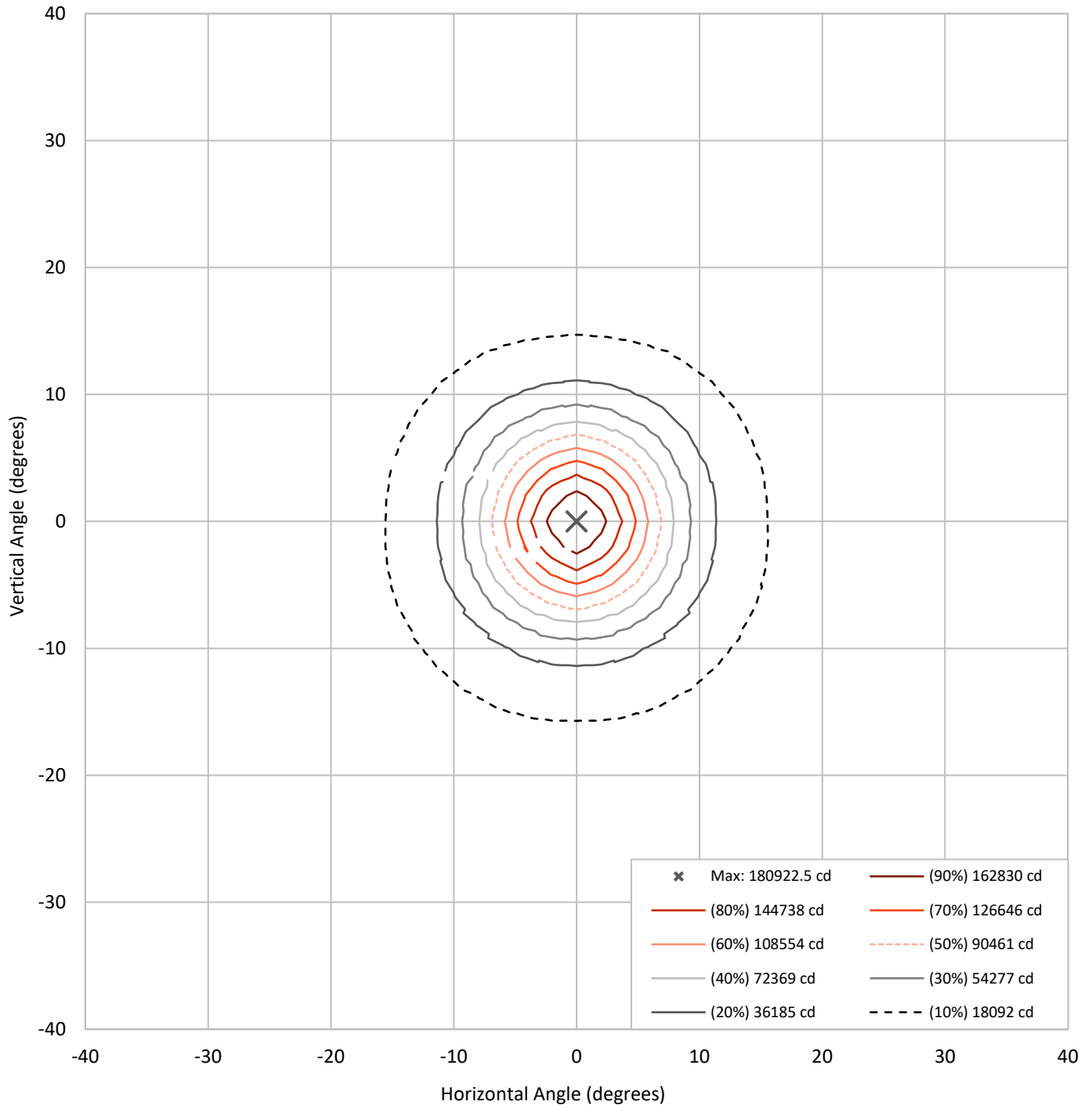
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 17848.3 lumens | Max Intensity: | 180922.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 137.8 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 13.6°H x 13.6°V | Field Angle (10%): | 30.9°H x 30.2°V |
| Beam Lumens: | 5698 lumens | Field Lumens: | 12691.3 lumens |
| Beam Efficiency: | 31.9% | Field Efficiency: | 71.1% |
| Input Watts (W): | 129.5 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

Iso-Candela Plot





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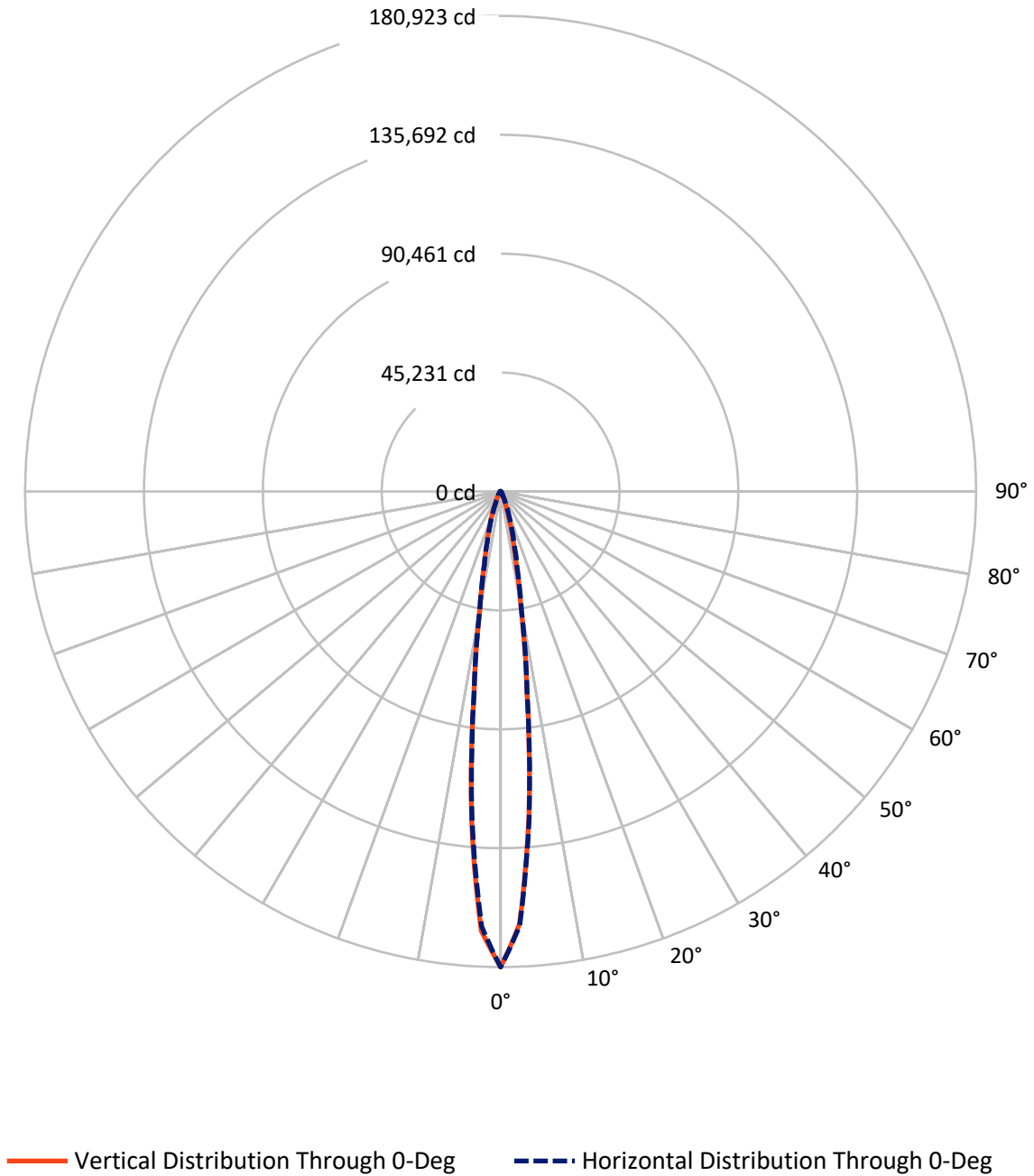
CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|-------|-------|--------|--------|-------|-------|------|-----|-----|-----|----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 50 | | 0.0 | 0.1 | 0.4 | 1.0 | 1.6 | 2.1 | 2.5 | 2.5 | 2.1 | 1.6 | 1.0 | 0.4 | 0.1 | 0.0 | | | | |
| 40 | 0.1 | 0.1 | 0.5 | 1.6 | 2.9 | 4.3 | 6.0 | 7.1 | 7.1 | 6.0 | 4.3 | 2.9 | 1.6 | 0.5 | 0.1 | | | | |
| 30 | | 0.3 | 1.3 | 3.0 | 5.4 | 8.5 | 14.5 | 18.5 | 18.5 | 14.5 | 8.5 | 5.4 | 3.0 | 1.3 | 0.3 | | | | |
| 20 | 0.2 | 0.5 | 2.0 | 4.6 | 8.4 | 18.2 | 48.5 | 80.3 | 80.3 | 48.5 | 18.2 | 8.4 | 4.6 | 2.0 | 0.5 | | | | |
| 10 | | 0.8 | 2.7 | 6.4 | 13.8 | 54.3 | 228.8 | 502.9 | 502.9 | 228.8 | 54.3 | 13.8 | 6.4 | 2.7 | 0.8 | | | | |
| 0 | 0.3 | 1.0 | 3.3 | 7.5 | 18.7 | 101.9 | 548.2 | 2458.7 | 2458.7 | 548.2 | 101.9 | 18.7 | 7.5 | 3.3 | 1.0 | | | | |
| -10 | | 1.1 | 3.6 | 7.9 | 20.1 | 108.6 | 567.5 | 2500.5 | 2500.5 | 567.5 | 108.6 | 20.1 | 7.9 | 3.6 | 1.1 | | | | |
| -20 | 0.3 | 1.2 | 3.7 | 7.7 | 17.7 | 69.1 | 275.5 | 589.2 | 589.2 | 275.5 | 69.1 | 17.7 | 7.7 | 3.7 | 1.2 | | | | |
| -30 | | 1.1 | 3.5 | 7.1 | 13.6 | 32.3 | 84.9 | 141.5 | 141.5 | 84.9 | 32.3 | 13.6 | 7.1 | 3.5 | 1.1 | | | | |
| -40 | 0.3 | 1.0 | 3.2 | 6.3 | 10.7 | 17.7 | 28.9 | 36.7 | 36.7 | 28.9 | 17.7 | 10.7 | 6.3 | 3.2 | 1.0 | | | | |
| -50 | | 0.8 | 2.6 | 5.2 | 8.6 | 12.4 | 16.7 | 18.6 | 18.6 | 16.7 | 12.4 | 8.6 | 5.2 | 2.6 | 0.8 | | | | |
| -60 | 0.2 | 0.6 | 1.9 | 4.1 | 6.8 | 9.5 | 12.0 | 13.1 | 13.1 | 12.0 | 9.5 | 6.8 | 4.1 | 1.9 | 0.6 | | | | |
| -70 | | 0.4 | 1.2 | 2.6 | 4.6 | 6.6 | 8.4 | 9.2 | 9.2 | 8.4 | 6.6 | 4.6 | 2.6 | 1.2 | 0.4 | | | | |
| -80 | 0.1 | 1.1 | 4.5 | 9.9 | 12.5 | 9.9 | 4.5 | 1.1 | 0.1 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

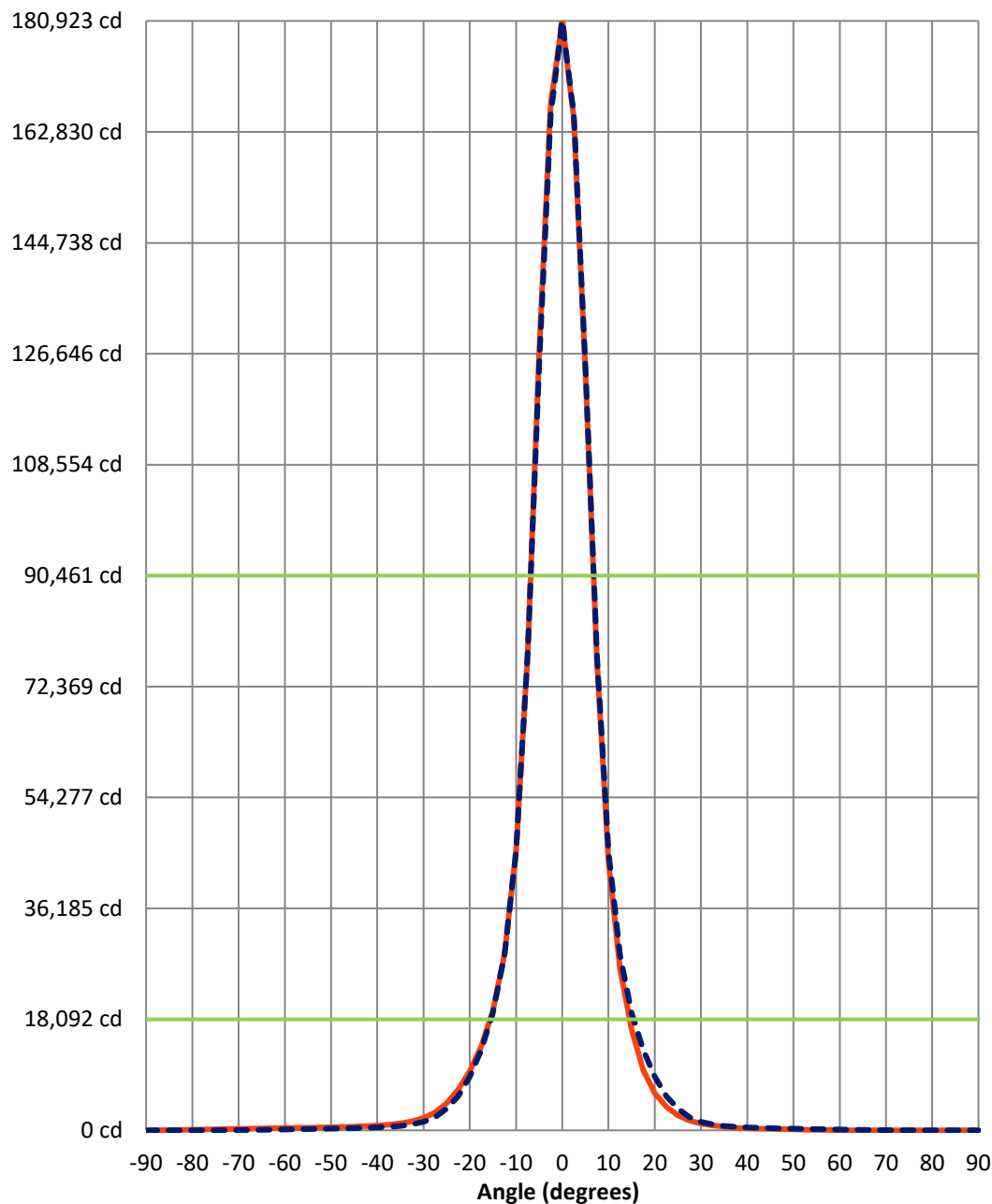
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CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 5698
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 12691.3
 Efficiency: 71.1%

Spill:
 Lumens: 5157
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90° | 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 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.5 | 0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.0 | 0.1 | 0.3 | 0.1 |
| 72.5° | 0.0 | 0.6 | 0.1 | 0.0 | 0.4 | 0.6 | 0.2 | 0.2 | 0.8 | 0.8 | 0.4 |
| 70° | 0.0 | 0.7 | 0.2 | 0.1 | 0.8 | 0.9 | 0.4 | 1.2 | 1.6 | 1.4 | 0.5 |
| 67.5° | 0.0 | 0.8 | 0.2 | 0.4 | 1.1 | 1.2 | 1.3 | 2.1 | 2.4 | 1.5 | 0.6 |
| 65° | 0.0 | 0.9 | 0.3 | 0.8 | 1.5 | 1.6 | 2.2 | 3.2 | 2.6 | 1.7 | 1.1 |
| 62.5° | 0.0 | 1.0 | 0.4 | 1.2 | 1.9 | 2.2 | 3.0 | 3.6 | 2.7 | 2.0 | 2.4 |
| 60° | 0.0 | 1.1 | 0.5 | 1.6 | 2.4 | 2.7 | 3.7 | 3.7 | 2.9 | 2.7 | 3.5 |
| 57.5° | 0.0 | 1.2 | 0.8 | 2.0 | 2.7 | 3.1 | 3.8 | 3.8 | 3.2 | 3.4 | 3.8 |
| 55° | 0.0 | 1.3 | 1.1 | 2.4 | 2.9 | 3.5 | 3.8 | 3.8 | 3.5 | 3.8 | 3.8 |
| 52.5° | 0.0 | 1.4 | 1.4 | 2.8 | 3.2 | 3.8 | 3.8 | 3.8 | 3.7 | 3.8 | 3.8 |
| 50° | 0.0 | 1.5 | 1.7 | 3.2 | 3.4 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 4.4 |
| 47.5° | 0.0 | 1.6 | 2.0 | 3.6 | 3.5 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 5.3 |
| 45° | 0.0 | 1.7 | 2.2 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | 3.9 | 4.7 | 6.3 |
| 42.5° | 0.0 | 1.9 | 2.4 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 4.2 | 5.8 | 8.5 |
| 40° | 0.0 | 2.0 | 2.7 | 3.8 | 3.8 | 3.8 | 3.8 | 4.3 | 4.9 | 7.1 | 10.9 |
| 37.5° | 0.0 | 2.1 | 2.8 | 3.8 | 3.8 | 3.8 | 3.8 | 4.6 | 6.2 | 8.9 | 13.5 |
| 35° | 0.0 | 2.2 | 3.0 | 3.8 | 3.8 | 3.8 | 3.8 | 5.1 | 7.6 | 11.3 | 16.5 |
| 32.5° | 0.0 | 2.3 | 3.2 | 3.8 | 3.8 | 3.8 | 3.9 | 5.6 | 9.1 | 13.6 | 20.5 |
| 30° | 0.0 | 2.5 | 3.3 | 3.8 | 3.8 | 3.8 | 4.3 | 6.4 | 10.7 | 15.9 | 24.8 |
| 27.5° | 0.0 | 2.6 | 3.4 | 3.8 | 3.8 | 3.8 | 4.8 | 7.6 | 12.3 | 18.0 | 29.4 |
| 25° | 0.0 | 2.7 | 3.5 | 3.8 | 3.8 | 3.8 | 5.2 | 8.9 | 14.2 | 21.2 | 34.4 |
| 22.5° | 0.0 | 2.8 | 3.6 | 3.8 | 3.8 | 3.9 | 5.7 | 10.1 | 15.9 | 25.1 | 40.2 |
| 20° | 0.0 | 3.0 | 3.6 | 3.8 | 3.8 | 4.2 | 6.2 | 11.3 | 17.5 | 29.0 | 45.6 |
| 17.5° | 0.0 | 3.1 | 3.7 | 3.8 | 3.8 | 4.5 | 6.9 | 12.5 | 19.1 | 33.0 | 50.6 |
| 15° | 0.0 | 3.2 | 3.7 | 3.8 | 3.8 | 4.9 | 7.7 | 13.7 | 20.5 | 36.8 | 55.0 |
| 12.5° | 0.0 | 3.3 | 3.8 | 3.8 | 3.8 | 5.3 | 8.4 | 14.8 | 22.5 | 40.6 | 59.0 |
| 10° | 0.0 | 3.4 | 3.8 | 3.8 | 3.8 | 5.8 | 9.1 | 15.9 | 24.9 | 44.1 | 62.6 |
| 7.5° | 0.0 | 3.5 | 3.8 | 3.8 | 3.8 | 6.3 | 9.8 | 16.8 | 27.4 | 47.2 | 65.7 |
| 5° | 0.0 | 3.6 | 3.8 | 3.8 | 3.8 | 6.8 | 10.4 | 17.7 | 29.9 | 49.7 | 68.4 |
| 2.5° | 0.0 | 3.7 | 3.8 | 3.8 | 3.8 | 7.3 | 11.0 | 18.4 | 32.3 | 51.8 | 70.8 |
| 0° | 0.0 | 3.8 | 3.8 | 3.8 | 3.8 | 7.7 | 11.5 | 19.1 | 34.5 | 53.6 | 72.8 |
| -2.5° | 0.0 | 3.8 | 3.8 | 3.8 | 4.1 | 8.1 | 12.5 | 20.3 | 36.5 | 55.0 | 75.3 |
| -5° | 0.0 | 3.8 | 3.8 | 3.8 | 4.5 | 8.5 | 13.4 | 21.3 | 38.1 | 56.2 | 77.3 |
| -7.5° | 0.0 | 3.8 | 3.8 | 3.8 | 4.8 | 8.8 | 14.3 | 22.3 | 39.5 | 57.0 | 78.8 |
| -10° | 0.0 | 3.7 | 3.8 | 3.8 | 5.1 | 9.1 | 15.0 | 23.1 | 40.5 | 57.6 | 79.7 |
| -12.5° | 0.0 | 3.7 | 3.8 | 3.8 | 5.3 | 9.3 | 15.6 | 23.8 | 41.1 | 58.2 | 81.2 |
| -15° | 0.0 | 3.7 | 3.8 | 3.8 | 5.6 | 9.5 | 16.1 | 24.4 | 41.3 | 59.4 | 82.6 |
| -17.5° | 0.0 | 3.6 | 3.8 | 3.8 | 5.7 | 9.7 | 16.4 | 25.0 | 41.0 | 60.0 | 83.2 |
| -20° | 0.0 | 3.6 | 3.8 | 3.8 | 5.8 | 9.8 | 16.7 | 25.5 | 40.4 | 60.0 | 83.1 |

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Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0.0 | 3.5 | 3.8 | 3.8 | 5.9 | 9.9 | 16.9 | 25.8 | 39.5 | 59.3 | 82.1 |
| -25° | 0.0 | 3.4 | 3.8 | 3.8 | 5.9 | 10.2 | 17.0 | 25.9 | 38.3 | 57.9 | 80.3 |
| -27.5° | 0.0 | 3.4 | 3.8 | 3.8 | 5.8 | 10.4 | 17.0 | 25.8 | 36.7 | 55.9 | 78.6 |
| -30° | 0.0 | 3.3 | 3.8 | 3.8 | 5.6 | 10.6 | 16.9 | 25.5 | 36.0 | 53.9 | 76.0 |
| -32.5° | 0.0 | 3.2 | 3.8 | 3.8 | 5.6 | 10.7 | 16.7 | 25.3 | 35.5 | 51.5 | 72.4 |
| -35° | 0.0 | 3.1 | 3.8 | 3.8 | 5.5 | 10.7 | 16.7 | 24.9 | 34.8 | 48.7 | 67.8 |
| -37.5° | 0.0 | 3.0 | 3.8 | 3.8 | 5.4 | 10.5 | 16.6 | 24.5 | 33.8 | 45.7 | 65.2 |
| -40° | 0.0 | 2.9 | 3.8 | 3.8 | 5.2 | 10.3 | 16.4 | 23.9 | 32.5 | 43.7 | 62.8 |
| -42.5° | 0.0 | 2.8 | 3.8 | 3.8 | 5.1 | 10.0 | 16.0 | 23.2 | 31.5 | 42.9 | 59.8 |
| -45° | 0.0 | 2.7 | 3.8 | 3.9 | 5.3 | 9.6 | 15.5 | 22.5 | 30.5 | 41.6 | 56.5 |
| -47.5° | 0.0 | 2.6 | 3.8 | 4.0 | 5.4 | 9.1 | 14.9 | 21.7 | 29.5 | 39.7 | 54.4 |
| -50° | 0.0 | 2.4 | 3.8 | 4.1 | 5.4 | 8.5 | 14.1 | 20.8 | 28.4 | 38.2 | 51.6 |
| -52.5° | 0.0 | 2.3 | 3.8 | 4.1 | 5.4 | 7.8 | 13.3 | 19.6 | 26.9 | 36.1 | 48.2 |
| -55° | 0.0 | 2.2 | 3.8 | 4.1 | 5.4 | 7.6 | 12.2 | 18.3 | 25.3 | 33.4 | 44.7 |
| -57.5° | 0.0 | 2.0 | 3.8 | 4.1 | 5.3 | 7.4 | 11.1 | 16.9 | 23.5 | 30.9 | 40.5 |
| -60° | 0.0 | 1.9 | 3.8 | 4.1 | 5.2 | 7.2 | 9.9 | 15.2 | 21.4 | 28.5 | 36.2 |
| -62.5° | 0.0 | 1.8 | 3.5 | 4.0 | 5.1 | 6.9 | 9.4 | 13.5 | 19.2 | 25.7 | 33.0 |
| -65° | 0.0 | 1.6 | 3.2 | 4.0 | 4.9 | 6.5 | 8.9 | 11.9 | 16.9 | 22.8 | 29.4 |
| -67.5° | 0.0 | 1.5 | 2.9 | 3.9 | 4.7 | 6.1 | 8.2 | 10.9 | 14.3 | 19.7 | 25.6 |
| -70° | 0.0 | 1.3 | 2.6 | 3.8 | 4.4 | 5.6 | 7.5 | 9.9 | 12.8 | 16.3 | 21.6 |
| -72.5° | 0.0 | 1.1 | 2.3 | 3.4 | 4.1 | 5.1 | 6.7 | 8.7 | 11.2 | 14.2 | 17.7 |
| -75° | 0.0 | 1.0 | 2.0 | 2.9 | 3.9 | 4.6 | 5.8 | 7.6 | 9.5 | 12.0 | 15.0 |
| -77.5° | 0.0 | 0.8 | 1.6 | 2.5 | 3.3 | 4.0 | 4.9 | 6.5 | 8.3 | 10.0 | 12.0 |
| -80° | 0.0 | 0.7 | 1.3 | 2.0 | 2.6 | 3.3 | 3.9 | 5.4 | 7.0 | 8.6 | 10.2 |
| -82.5° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.5 | 2.9 | 4.2 | 5.8 | 7.2 | 8.6 |
| -85° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.6 | 2.0 | 2.9 | 3.9 | 5.1 | 6.5 |
| -87.5° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.8 | 1.0 | 1.4 | 2.0 | 2.6 | 3.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 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 |
| 85° | 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 |
| 80° | 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 |
| 75° | 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 |
| 70° | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.3 | 1.1 | 1.3 | 0.8 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 65° | 1.9 | 2.5 | 1.9 | 1.0 | 0.1 | 0.9 | 1.3 | 1.0 | 0.1 | 0.0 | 0.0 |
| 62.5° | 3.5 | 3.0 | 2.1 | 1.6 | 2.2 | 2.9 | 2.2 | 1.3 | 0.4 | 1.9 | 2.7 |
| 60° | 3.8 | 3.2 | 2.7 | 3.0 | 3.8 | 3.4 | 2.5 | 3.7 | 5.6 | 7.1 | 8.6 |
| 57.5° | 3.8 | 3.5 | 3.4 | 4.1 | 4.3 | 4.3 | 6.7 | 9.0 | 12.7 | 15.8 | 17.9 |
| 55° | 3.9 | 3.8 | 4.3 | 5.2 | 6.4 | 9.1 | 12.5 | 17.6 | 21.7 | 28.0 | 33.4 |
| 52.5° | 4.3 | 4.3 | 5.8 | 7.8 | 11.6 | 15.8 | 21.8 | 29.0 | 37.2 | 43.3 | 49.9 |
| 50° | 5.0 | 6.4 | 8.2 | 13.1 | 18.2 | 24.9 | 34.6 | 45.2 | 52.1 | 59.1 | 68.4 |
| 47.5° | 6.8 | 8.7 | 13.5 | 19.2 | 26.6 | 37.2 | 50.7 | 58.2 | 65.1 | 76.0 | 87.6 |
| 45° | 9.2 | 13.0 | 18.9 | 26.9 | 37.1 | 51.9 | 62.5 | 68.7 | 80.5 | 93.1 | 106.4 |
| 42.5° | 11.7 | 18.0 | 26.0 | 34.4 | 50.5 | 64.6 | 74.2 | 84.0 | 96.0 | 110.7 | 125.0 |
| 40° | 15.9 | 22.8 | 33.8 | 47.0 | 63.3 | 77.1 | 89.1 | 100.4 | 112.1 | 131.4 | 146.6 |
| 37.5° | 20.2 | 30.3 | 42.7 | 59.0 | 76.0 | 91.0 | 104.4 | 118.7 | 135.4 | 157.1 | 170.8 |
| 35° | 24.3 | 38.0 | 53.1 | 70.5 | 88.6 | 105.6 | 121.7 | 138.3 | 160.0 | 180.5 | 196.9 |
| 32.5° | 30.1 | 45.9 | 62.9 | 81.7 | 100.3 | 119.5 | 139.1 | 159.0 | 180.3 | 201.3 | 222.9 |
| 30° | 37.4 | 54.3 | 72.2 | 92.3 | 111.0 | 133.3 | 156.0 | 177.1 | 198.5 | 220.7 | 245.0 |
| 27.5° | 44.7 | 62.1 | 81.5 | 101.8 | 121.5 | 146.8 | 171.3 | 193.3 | 215.3 | 239.1 | 266.9 |
| 25° | 51.5 | 70.1 | 90.3 | 110.3 | 133.4 | 160.6 | 187.4 | 212.8 | 231.5 | 258.6 | 291.0 |
| 22.5° | 58.0 | 77.8 | 99.5 | 117.9 | 144.9 | 174.5 | 205.6 | 233.0 | 255.1 | 279.3 | 316.1 |
| 20° | 64.4 | 85.7 | 108.2 | 128.8 | 156.4 | 188.2 | 225.2 | 253.4 | 280.8 | 312.0 | 349.6 |
| 17.5° | 70.6 | 93.1 | 116.7 | 141.2 | 170.4 | 203.3 | 245.3 | 274.0 | 306.8 | 344.2 | 391.5 |
| 15° | 76.4 | 100.0 | 125.3 | 152.8 | 182.9 | 218.4 | 258.9 | 294.7 | 333.9 | 377.1 | 433.0 |
| 12.5° | 81.8 | 106.3 | 133.7 | 163.5 | 194.0 | 231.4 | 270.3 | 308.4 | 353.6 | 410.0 | 480.3 |
| 10° | 86.7 | 111.9 | 141.9 | 173.3 | 203.7 | 242.4 | 280.4 | 320.0 | 367.7 | 429.6 | 510.2 |
| 7.5° | 90.9 | 117.7 | 149.7 | 182.2 | 212.0 | 251.4 | 289.1 | 329.6 | 379.4 | 445.9 | 530.3 |
| 5° | 94.4 | 123.7 | 156.9 | 188.0 | 218.9 | 259.2 | 296.3 | 337.2 | 388.8 | 458.6 | 544.6 |
| 2.5° | 97.3 | 129.2 | 163.1 | 192.2 | 224.8 | 266.3 | 302.2 | 345.6 | 398.4 | 468.5 | 558.1 |
| 0° | 99.6 | 134.0 | 168.5 | 195.3 | 229.8 | 271.9 | 306.4 | 352.3 | 405.9 | 474.9 | 570.6 |
| -2.5° | 104.2 | 138.0 | 171.7 | 198.9 | 235.1 | 272.8 | 309.2 | 353.2 | 408.8 | 479.9 | 573.0 |
| -5° | 108.1 | 141.2 | 174.0 | 201.7 | 239.0 | 272.7 | 310.3 | 352.4 | 409.8 | 482.7 | 577.1 |
| -7.5° | 111.1 | 143.7 | 175.6 | 203.9 | 241.1 | 274.0 | 312.0 | 355.2 | 412.8 | 485.3 | 582.6 |
| -10° | 113.0 | 145.5 | 176.9 | 206.6 | 241.7 | 275.3 | 312.7 | 355.8 | 412.3 | 483.6 | 579.6 |
| -12.5° | 114.1 | 146.6 | 177.5 | 208.1 | 241.5 | 275.1 | 311.8 | 354.1 | 408.0 | 477.6 | 567.7 |
| -15° | 114.4 | 147.0 | 177.4 | 208.3 | 241.0 | 273.5 | 309.3 | 350.1 | 400.4 | 467.3 | 549.2 |
| -17.5° | 114.0 | 146.7 | 176.7 | 207.0 | 240.1 | 270.4 | 305.5 | 344.7 | 392.7 | 455.3 | 534.1 |
| -20° | 113.0 | 145.9 | 175.3 | 204.2 | 238.8 | 267.5 | 301.7 | 339.6 | 384.7 | 441.4 | 511.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 111.4 | 144.6 | 173.4 | 201.4 | 234.6 | 264.8 | 296.8 | 332.8 | 373.3 | 424.6 | 487.1 |
| -25° | 109.6 | 141.8 | 171.0 | 199.3 | 229.7 | 260.6 | 290.5 | 324.8 | 362.0 | 411.2 | 467.5 |
| -27.5° | 107.1 | 138.5 | 167.7 | 196.3 | 224.6 | 255.0 | 284.2 | 316.6 | 353.4 | 396.8 | 447.2 |
| -30° | 103.6 | 133.9 | 163.0 | 192.2 | 220.1 | 248.7 | 276.9 | 307.8 | 342.5 | 383.4 | 429.9 |
| -32.5° | 99.2 | 128.7 | 157.2 | 186.1 | 215.1 | 242.4 | 268.9 | 298.6 | 331.1 | 367.1 | 411.2 |
| -35° | 94.6 | 123.1 | 150.9 | 178.4 | 209.0 | 235.3 | 260.9 | 288.1 | 318.4 | 351.8 | 387.8 |
| -37.5° | 90.4 | 117.0 | 144.1 | 170.1 | 199.1 | 226.5 | 251.4 | 277.2 | 305.2 | 335.9 | 368.6 |
| -40° | 85.8 | 110.6 | 137.1 | 162.4 | 187.8 | 215.7 | 240.6 | 265.6 | 291.4 | 322.1 | 351.3 |
| -42.5° | 81.1 | 105.2 | 129.7 | 154.5 | 178.7 | 203.7 | 228.5 | 252.5 | 279.8 | 308.9 | 337.4 |
| -45° | 77.1 | 99.5 | 122.2 | 146.3 | 170.2 | 192.8 | 216.1 | 238.4 | 266.2 | 295.3 | 323.2 |
| -47.5° | 72.4 | 93.7 | 115.7 | 137.5 | 161.0 | 183.6 | 204.5 | 227.1 | 250.7 | 278.1 | 307.4 |
| -50° | 67.6 | 87.7 | 108.1 | 128.6 | 150.9 | 173.4 | 194.6 | 215.5 | 237.8 | 260.3 | 285.6 |
| -52.5° | 63.5 | 81.1 | 99.9 | 118.8 | 139.9 | 161.9 | 183.3 | 204.3 | 224.7 | 245.9 | 267.5 |
| -55° | 58.7 | 74.8 | 91.4 | 109.1 | 127.5 | 148.6 | 169.9 | 190.3 | 211.2 | 231.0 | 252.1 |
| -57.5° | 53.3 | 67.8 | 82.9 | 99.4 | 116.2 | 133.6 | 154.2 | 174.5 | 194.2 | 214.2 | 236.0 |
| -60° | 47.2 | 60.2 | 73.9 | 89.1 | 105.5 | 121.4 | 138.1 | 156.9 | 175.9 | 194.9 | 215.0 |
| -62.5° | 40.9 | 52.1 | 64.5 | 77.9 | 92.8 | 108.4 | 123.7 | 139.8 | 156.8 | 173.3 | 190.8 |
| -65° | 36.7 | 44.6 | 55.0 | 66.9 | 79.2 | 93.2 | 107.6 | 122.4 | 137.4 | 151.4 | 164.9 |
| -67.5° | 32.2 | 39.4 | 47.0 | 55.8 | 67.0 | 78.8 | 90.3 | 103.6 | 117.0 | 129.9 | 142.5 |
| -70° | 27.5 | 33.8 | 40.6 | 47.9 | 55.9 | 65.5 | 76.3 | 86.9 | 97.3 | 108.1 | 119.7 |
| -72.5° | 22.5 | 28.0 | 33.9 | 40.2 | 47.0 | 54.6 | 63.0 | 72.0 | 81.2 | 90.2 | 99.3 |
| -75° | 18.5 | 22.1 | 27.0 | 32.3 | 38.2 | 44.1 | 50.2 | 57.3 | 65.1 | 73.0 | 80.6 |
| -77.5° | 15.2 | 18.6 | 21.9 | 25.2 | 29.4 | 34.8 | 40.2 | 45.5 | 50.9 | 56.8 | 63.1 |
| -80° | 12.4 | 15.0 | 18.0 | 21.0 | 23.9 | 27.2 | 30.9 | 35.1 | 39.0 | 42.9 | 47.2 |
| -82.5° | 10.4 | 12.3 | 14.5 | 16.8 | 18.5 | 20.2 | 22.2 | 24.7 | 27.2 | 29.9 | 32.6 |
| -85° | 7.9 | 9.6 | 11.0 | 12.6 | 13.3 | 14.2 | 15.2 | 16.2 | 17.9 | 19.5 | 21.0 |
| -87.5° | 4.0 | 4.8 | 5.7 | 6.6 | 7.0 | 7.4 | 7.8 | 8.1 | 9.2 | 10.3 | 11.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 90° | 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 |
| 85° | 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 |
| 80° | 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 |
| 75° | 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 |
| 70° | 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 |
| 65° | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.9 | 0.8 | 0.4 | 0.0 | 0.0 |
| 62.5° | 2.3 | 1.9 | 3.0 | 4.0 | 4.4 | 4.2 | 3.9 | 3.5 | 3.0 | 2.7 | 3.1 |
| 60° | 9.2 | 9.0 | 12.6 | 14.3 | 13.0 | 9.2 | 14.4 | 17.0 | 16.3 | 14.0 | 13.9 |
| 57.5° | 22.5 | 27.3 | 30.8 | 32.3 | 37.4 | 45.6 | 47.2 | 44.5 | 43.5 | 44.3 | 51.3 |
| 55° | 39.0 | 42.9 | 44.9 | 51.9 | 58.0 | 62.5 | 65.1 | 67.7 | 71.7 | 76.5 | 81.4 |
| 52.5° | 55.1 | 60.5 | 64.5 | 70.7 | 78.1 | 80.7 | 80.0 | 89.5 | 96.9 | 101.7 | 103.6 |
| 50° | 75.7 | 82.3 | 91.8 | 101.6 | 105.8 | 110.0 | 114.3 | 122.1 | 133.4 | 147.6 | 155.6 |
| 47.5° | 97.8 | 108.3 | 118.3 | 129.5 | 135.1 | 139.5 | 146.0 | 159.6 | 175.7 | 190.9 | 198.8 |
| 45° | 117.8 | 127.1 | 138.6 | 148.2 | 155.1 | 163.6 | 173.0 | 185.2 | 203.3 | 219.2 | 230.2 |
| 42.5° | 133.8 | 144.3 | 156.1 | 167.8 | 174.8 | 186.2 | 200.5 | 217.2 | 236.1 | 252.6 | 264.9 |
| 40° | 156.2 | 165.2 | 183.9 | 195.0 | 197.8 | 208.5 | 237.1 | 259.8 | 281.2 | 301.6 | 311.7 |
| 37.5° | 183.4 | 200.9 | 220.3 | 230.4 | 240.2 | 259.1 | 297.4 | 334.2 | 361.4 | 388.9 | 403.9 |
| 35° | 214.3 | 237.2 | 263.7 | 275.5 | 296.7 | 337.8 | 382.8 | 433.9 | 497.6 | 524.2 | 548.5 |
| 32.5° | 244.2 | 269.9 | 294.3 | 320.9 | 357.9 | 407.0 | 457.7 | 540.6 | 618.1 | 678.1 | 721.9 |
| 30° | 270.8 | 298.0 | 328.4 | 362.6 | 414.7 | 482.3 | 567.0 | 674.3 | 783.5 | 878.8 | 959.4 |
| 27.5° | 297.1 | 328.1 | 364.1 | 415.2 | 488.6 | 580.3 | 715.5 | 868.6 | 1050.9 | 1185.2 | 1345.5 |
| 25° | 325.9 | 361.3 | 407.6 | 481.6 | 580.6 | 717.7 | 934.0 | 1182.6 | 1481.5 | 1723.8 | 1977.4 |
| 22.5° | 360.0 | 412.3 | 470.9 | 553.5 | 726.4 | 952.4 | 1247.8 | 1672.8 | 2132.5 | 2557.5 | 2966.8 |
| 20° | 401.1 | 472.6 | 566.9 | 718.8 | 940.8 | 1274.8 | 1788.2 | 2466.4 | 3142.4 | 3862.5 | 4555.6 |
| 17.5° | 459.9 | 562.9 | 709.4 | 925.6 | 1218.2 | 1878.9 | 2711.9 | 3760.8 | 5108.3 | 6329.5 | 7395.7 |
| 15° | 515.0 | 638.2 | 869.4 | 1192.5 | 1703.0 | 2578.7 | 3843.9 | 5575.1 | 7675.1 | 9589.1 | 11610.7 |
| 12.5° | 572.9 | 718.3 | 983.8 | 1395.3 | 2104.5 | 3244.6 | 5022.6 | 7394.7 | 10024.3 | 12909.0 | 16194.6 |
| 10° | 618.7 | 795.3 | 1113.2 | 1634.9 | 2509.2 | 3928.8 | 6046.7 | 8923.5 | 12418.0 | 16687.0 | 21939.3 |
| 7.5° | 649.7 | 856.9 | 1220.0 | 1810.3 | 2881.7 | 4628.6 | 7178.1 | 10635.9 | 15004.6 | 20660.2 | 28009.6 |
| 5° | 673.8 | 904.0 | 1300.4 | 1970.3 | 3196.8 | 5162.8 | 8016.4 | 12135.5 | 17303.5 | 24880.9 | 37336.1 |
| 2.5° | 693.2 | 940.1 | 1350.1 | 2080.4 | 3394.6 | 5534.8 | 8578.8 | 12983.9 | 18671.9 | 28001.3 | 44160.3 |
| 0° | 708.5 | 972.7 | 1382.5 | 2148.4 | 3546.1 | 5572.0 | 8754.3 | 13139.1 | 19163.0 | 28564.5 | 45628.9 |
| -2.5° | 714.9 | 990.2 | 1393.6 | 2163.3 | 3531.0 | 5635.9 | 8807.9 | 13263.1 | 19144.5 | 28255.9 | 43988.7 |
| -5° | 725.7 | 989.9 | 1385.2 | 2148.1 | 3451.9 | 5470.7 | 8458.1 | 12569.2 | 17989.6 | 25825.7 | 38715.2 |
| -7.5° | 733.4 | 974.1 | 1345.1 | 2050.7 | 3244.6 | 5113.8 | 7843.4 | 11419.4 | 15887.5 | 21837.3 | 29820.2 |
| -10° | 726.3 | 943.8 | 1278.2 | 1887.5 | 2922.4 | 4541.2 | 6908.8 | 9901.5 | 13614.9 | 18024.2 | 23448.0 |
| -12.5° | 699.0 | 887.8 | 1169.1 | 1658.8 | 2505.2 | 3899.8 | 5968.4 | 8516.5 | 11265.0 | 14361.6 | 18109.6 |
| -15° | 664.5 | 827.5 | 1070.8 | 1501.9 | 2195.8 | 3264.1 | 4774.4 | 6841.5 | 9046.3 | 11397.4 | 13904.6 |
| -17.5° | 637.6 | 774.6 | 976.0 | 1288.1 | 1798.5 | 2647.9 | 3834.7 | 5303.2 | 6923.5 | 8713.5 | 10199.2 |
| -20° | 601.1 | 709.4 | 878.5 | 1133.4 | 1522.8 | 2085.6 | 2949.9 | 4016.8 | 5085.9 | 6344.5 | 7370.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 564.6 | 659.0 | 787.7 | 974.2 | 1263.9 | 1689.1 | 2223.1 | 2935.5 | 3717.3 | 4439.7 | 5150.8 |
| -25° | 530.8 | 603.4 | 707.5 | 860.5 | 1057.1 | 1347.2 | 1727.3 | 2136.0 | 2651.3 | 3091.1 | 3579.1 |
| -27.5° | 503.3 | 565.7 | 642.5 | 754.7 | 907.2 | 1093.9 | 1366.1 | 1639.8 | 1910.9 | 2132.8 | 2468.8 |
| -30° | 476.8 | 527.1 | 591.3 | 671.3 | 785.6 | 929.5 | 1106.2 | 1283.8 | 1440.2 | 1582.9 | 1757.8 |
| -32.5° | 450.8 | 491.7 | 541.0 | 607.4 | 689.4 | 797.6 | 906.1 | 1033.5 | 1142.2 | 1242.5 | 1335.4 |
| -35° | 424.8 | 461.2 | 498.7 | 554.7 | 620.1 | 696.9 | 775.9 | 862.1 | 937.4 | 1005.0 | 1064.8 |
| -37.5° | 401.3 | 433.2 | 468.5 | 510.2 | 562.9 | 620.7 | 685.2 | 747.8 | 797.5 | 841.4 | 877.7 |
| -40° | 381.4 | 410.5 | 440.7 | 474.1 | 514.2 | 559.8 | 614.6 | 666.8 | 701.6 | 728.4 | 750.4 |
| -42.5° | 363.7 | 389.3 | 415.0 | 443.4 | 474.2 | 513.7 | 556.9 | 600.0 | 623.6 | 644.3 | 660.2 |
| -45° | 349.5 | 369.1 | 390.8 | 415.0 | 442.3 | 475.3 | 509.3 | 539.1 | 560.1 | 577.9 | 591.2 |
| -47.5° | 330.7 | 349.6 | 368.3 | 388.3 | 413.7 | 441.3 | 469.4 | 492.3 | 510.7 | 526.2 | 536.3 |
| -50° | 309.9 | 329.8 | 347.0 | 364.6 | 388.0 | 411.3 | 433.9 | 452.9 | 470.4 | 485.6 | 493.6 |
| -52.5° | 288.5 | 309.8 | 327.9 | 345.0 | 364.6 | 385.0 | 405.4 | 421.6 | 436.9 | 451.3 | 457.3 |
| -55° | 273.0 | 292.7 | 311.3 | 327.5 | 343.7 | 360.0 | 376.6 | 393.4 | 408.5 | 422.1 | 426.2 |
| -57.5° | 256.3 | 276.4 | 294.8 | 309.3 | 323.9 | 338.6 | 353.9 | 369.0 | 383.6 | 396.7 | 400.0 |
| -60° | 236.0 | 257.7 | 274.0 | 287.7 | 301.9 | 316.5 | 329.8 | 343.3 | 356.9 | 368.3 | 371.9 |
| -62.5° | 210.1 | 229.9 | 246.0 | 260.4 | 274.2 | 286.8 | 299.8 | 312.4 | 324.6 | 333.6 | 336.6 |
| -65° | 179.1 | 195.9 | 212.6 | 227.6 | 241.1 | 253.4 | 265.3 | 276.8 | 287.9 | 295.9 | 299.8 |
| -67.5° | 154.7 | 166.8 | 180.1 | 193.1 | 206.7 | 219.2 | 230.0 | 240.1 | 249.6 | 256.3 | 260.5 |
| -70° | 131.1 | 142.6 | 155.1 | 167.5 | 179.3 | 189.5 | 198.0 | 206.4 | 214.5 | 220.4 | 224.9 |
| -72.5° | 108.5 | 118.2 | 128.7 | 139.6 | 150.4 | 159.6 | 167.5 | 174.9 | 182.0 | 187.1 | 191.2 |
| -75° | 88.1 | 96.1 | 105.0 | 113.8 | 122.5 | 129.8 | 136.4 | 142.8 | 149.1 | 153.6 | 157.4 |
| -77.5° | 69.9 | 76.7 | 83.6 | 90.5 | 97.4 | 102.7 | 107.5 | 112.3 | 116.8 | 120.4 | 123.7 |
| -80° | 51.8 | 57.1 | 62.6 | 68.1 | 73.6 | 77.7 | 81.3 | 84.8 | 88.0 | 90.1 | 92.0 |
| -82.5° | 35.4 | 39.1 | 43.0 | 46.9 | 50.7 | 53.7 | 56.6 | 59.5 | 62.3 | 63.2 | 64.0 |
| -85° | 22.6 | 24.5 | 26.5 | 28.6 | 30.8 | 32.5 | 34.1 | 35.5 | 37.0 | 38.3 | 39.5 |
| -87.5° | 12.5 | 12.9 | 13.2 | 13.6 | 13.9 | 15.0 | 16.2 | 17.3 | 18.4 | 18.6 | 18.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 90° | 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 |
| 85° | 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 |
| 80° | 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 |
| 75° | 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 |
| 70° | 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 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.8 |
| 62.5° | 3.4 | 3.6 | 3.8 | 3.8 | 3.8 | 3.6 | 3.4 | 3.1 | 2.7 | 3.0 | 3.5 |
| 60° | 13.1 | 11.7 | 11.4 | 11.5 | 11.4 | 11.7 | 13.1 | 13.9 | 14.0 | 16.3 | 17.0 |
| 57.5° | 58.2 | 64.8 | 66.6 | 65.1 | 66.6 | 64.8 | 58.2 | 51.3 | 44.3 | 43.5 | 44.5 |
| 55° | 84.8 | 86.9 | 87.8 | 88.1 | 87.8 | 86.9 | 84.8 | 81.4 | 76.5 | 71.7 | 67.7 |
| 52.5° | 104.0 | 103.3 | 103.1 | 103.4 | 103.1 | 103.3 | 104.0 | 103.6 | 101.7 | 96.9 | 89.5 |
| 50° | 156.3 | 153.4 | 152.3 | 153.2 | 152.3 | 153.4 | 156.3 | 155.6 | 147.6 | 133.4 | 122.1 |
| 47.5° | 199.7 | 200.6 | 202.0 | 203.0 | 202.0 | 200.6 | 199.7 | 198.8 | 190.9 | 175.7 | 159.6 |
| 45° | 233.2 | 235.3 | 236.6 | 237.4 | 236.6 | 235.3 | 233.2 | 230.2 | 219.2 | 203.3 | 185.2 |
| 42.5° | 267.5 | 267.7 | 267.4 | 268.1 | 267.4 | 267.7 | 267.5 | 264.9 | 252.6 | 236.1 | 217.2 |
| 40° | 315.8 | 316.8 | 315.8 | 314.0 | 315.8 | 316.8 | 315.8 | 311.7 | 301.6 | 281.2 | 259.8 |
| 37.5° | 412.7 | 414.1 | 409.5 | 405.9 | 409.5 | 414.1 | 412.7 | 403.9 | 388.9 | 361.4 | 334.2 |
| 35° | 570.7 | 587.1 | 594.9 | 597.4 | 594.9 | 587.1 | 570.7 | 548.5 | 524.2 | 497.6 | 433.9 |
| 32.5° | 752.2 | 775.0 | 786.4 | 796.5 | 786.4 | 775.0 | 752.2 | 721.9 | 678.1 | 618.1 | 540.6 |
| 30° | 1012.3 | 1054.3 | 1072.8 | 1099.1 | 1072.8 | 1054.3 | 1012.3 | 959.4 | 878.8 | 783.5 | 674.3 |
| 27.5° | 1436.5 | 1510.4 | 1551.3 | 1589.3 | 1551.3 | 1510.4 | 1436.5 | 1345.5 | 1185.2 | 1050.9 | 868.6 |
| 25° | 2161.6 | 2303.9 | 2396.0 | 2439.4 | 2396.0 | 2303.9 | 2161.6 | 1977.4 | 1723.8 | 1481.5 | 1182.6 |
| 22.5° | 3362.8 | 3625.1 | 3827.3 | 3867.8 | 3827.3 | 3625.1 | 3362.8 | 2966.8 | 2557.5 | 2132.5 | 1672.8 |
| 20° | 5228.0 | 5603.3 | 5908.4 | 6062.2 | 5908.4 | 5603.3 | 5228.0 | 4555.6 | 3862.5 | 3142.4 | 2466.4 |
| 17.5° | 8665.6 | 9446.0 | 9802.5 | 9861.0 | 9802.5 | 9446.0 | 8665.6 | 7395.7 | 6329.5 | 5108.3 | 3760.8 |
| 15° | 13779.7 | 15100.3 | 15938.7 | 16478.5 | 15938.7 | 15100.3 | 13779.7 | 11610.7 | 9589.1 | 7675.1 | 5575.1 |
| 12.5° | 19614.8 | 23367.3 | 25502.5 | 26316.6 | 25502.5 | 23367.3 | 19614.8 | 16194.6 | 12909.0 | 10024.3 | 7394.7 |
| 10° | 27534.3 | 36368.1 | 41464.0 | 44028.2 | 41464.0 | 36368.1 | 27534.3 | 21939.3 | 16687.0 | 12418.0 | 8923.5 |
| 7.5° | 40975.6 | 54619.6 | 69736.6 | 76730.5 | 69736.6 | 54619.6 | 40975.6 | 28009.6 | 20660.2 | 15004.6 | 10635.9 |
| 5° | 55105.5 | 85062.3 | 111355.7 | 123946.7 | 111355.7 | 85062.3 | 55105.5 | 37336.1 | 24880.9 | 17303.5 | 12135.5 |
| 2.5° | 71345.7 | 111745.3 | 149098.0 | 164804.0 | 149098.0 | 111745.3 | 71345.7 | 44160.3 | 28001.3 | 18671.9 | 12983.9 |
| 0° | 77596.0 | 124655.2 | 165506.7 | 180922.5 | 165506.7 | 124655.2 | 77596.0 | 45628.9 | 28564.5 | 19163.0 | 13139.1 |
| -2.5° | 72311.9 | 113702.5 | 149739.8 | 167354.5 | 149739.8 | 113702.5 | 72311.9 | 43988.7 | 28255.9 | 19144.5 | 13263.1 |
| -5° | 57455.6 | 85531.1 | 112220.2 | 126573.8 | 112220.2 | 85531.1 | 57455.6 | 38715.2 | 25825.7 | 17989.6 | 12569.2 |
| -7.5° | 42168.8 | 57452.9 | 72275.0 | 77458.1 | 72275.0 | 57452.9 | 42168.8 | 29820.2 | 21837.3 | 15887.5 | 11419.4 |
| -10° | 29358.7 | 38110.9 | 43888.3 | 45537.0 | 43888.3 | 38110.9 | 29358.7 | 23448.0 | 18024.2 | 13614.9 | 9901.5 |
| -12.5° | 21766.6 | 25594.8 | 28258.3 | 28721.5 | 28258.3 | 25594.8 | 21766.6 | 18109.6 | 14361.6 | 11265.0 | 8516.5 |
| -15° | 16117.6 | 18064.4 | 19438.2 | 19530.6 | 19438.2 | 18064.4 | 16117.6 | 13904.6 | 11397.4 | 9046.3 | 6841.5 |
| -17.5° | 11782.0 | 13088.8 | 13782.1 | 13732.7 | 13782.1 | 13088.8 | 11782.0 | 10199.2 | 8713.5 | 6923.5 | 5303.2 |
| -20° | 8424.8 | 9212.5 | 9771.1 | 9661.9 | 9771.1 | 9212.5 | 8424.8 | 7370.9 | 6344.5 | 5085.9 | 4016.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5874.4 | 6397.3 | 6724.6 | 6640.4 | 6724.6 | 6397.3 | 5874.4 | 5150.8 | 4439.7 | 3717.3 | 2935.5 |
| -25° | 3991.6 | 4276.5 | 4438.6 | 4411.6 | 4438.6 | 4276.5 | 3991.6 | 3579.1 | 3091.1 | 2651.3 | 2136.0 |
| -27.5° | 2720.0 | 2870.5 | 2920.8 | 2918.1 | 2920.8 | 2870.5 | 2720.0 | 2468.8 | 2132.8 | 1910.9 | 1639.8 |
| -30° | 1887.9 | 1989.0 | 2046.8 | 2010.5 | 2046.8 | 1989.0 | 1887.9 | 1757.8 | 1582.9 | 1440.2 | 1283.8 |
| -32.5° | 1407.1 | 1464.1 | 1497.2 | 1462.9 | 1497.2 | 1464.1 | 1407.1 | 1335.4 | 1242.5 | 1142.2 | 1033.5 |
| -35° | 1108.9 | 1137.8 | 1149.4 | 1129.7 | 1149.4 | 1137.8 | 1108.9 | 1064.8 | 1005.0 | 937.4 | 862.1 |
| -37.5° | 904.1 | 921.0 | 926.7 | 915.3 | 926.7 | 921.0 | 904.1 | 877.7 | 841.4 | 797.5 | 747.8 |
| -40° | 766.1 | 776.5 | 779.0 | 769.7 | 779.0 | 776.5 | 766.1 | 750.4 | 728.4 | 701.6 | 666.8 |
| -42.5° | 670.3 | 676.5 | 678.0 | 674.0 | 678.0 | 676.5 | 670.3 | 660.2 | 644.3 | 623.6 | 600.0 |
| -45° | 599.1 | 604.3 | 605.3 | 601.2 | 605.3 | 604.3 | 599.1 | 591.2 | 577.9 | 560.1 | 539.1 |
| -47.5° | 541.4 | 544.6 | 545.5 | 543.8 | 545.5 | 544.6 | 541.4 | 536.3 | 526.2 | 510.7 | 492.3 |
| -50° | 497.2 | 499.5 | 499.7 | 497.8 | 499.7 | 499.5 | 497.2 | 493.6 | 485.6 | 470.4 | 452.9 |
| -52.5° | 460.2 | 461.8 | 462.9 | 463.4 | 462.9 | 461.8 | 460.2 | 457.3 | 451.3 | 436.9 | 421.6 |
| -55° | 429.0 | 431.1 | 432.3 | 432.7 | 432.3 | 431.1 | 429.0 | 426.2 | 422.1 | 408.5 | 393.4 |
| -57.5° | 402.6 | 404.4 | 405.5 | 405.9 | 405.5 | 404.4 | 402.6 | 400.0 | 396.7 | 383.6 | 369.0 |
| -60° | 374.9 | 377.2 | 378.6 | 379.1 | 378.6 | 377.2 | 374.9 | 371.9 | 368.3 | 356.9 | 343.3 |
| -62.5° | 338.5 | 339.5 | 340.4 | 340.8 | 340.4 | 339.5 | 338.5 | 336.6 | 333.6 | 324.6 | 312.4 |
| -65° | 302.8 | 304.8 | 306.0 | 306.4 | 306.0 | 304.8 | 302.8 | 299.8 | 295.9 | 287.9 | 276.8 |
| -67.5° | 264.0 | 266.7 | 269.5 | 271.9 | 269.5 | 266.7 | 264.0 | 260.5 | 256.3 | 249.6 | 240.1 |
| -70° | 228.9 | 232.3 | 233.3 | 233.6 | 233.3 | 232.3 | 228.9 | 224.9 | 220.4 | 214.5 | 206.4 |
| -72.5° | 194.8 | 198.0 | 200.7 | 203.0 | 200.7 | 198.0 | 194.8 | 191.2 | 187.1 | 182.0 | 174.9 |
| -75° | 160.8 | 163.8 | 164.5 | 164.7 | 164.5 | 163.8 | 160.8 | 157.4 | 153.6 | 149.1 | 142.8 |
| -77.5° | 126.7 | 129.4 | 130.0 | 130.2 | 130.0 | 129.4 | 126.7 | 123.7 | 120.4 | 116.8 | 112.3 |
| -80° | 93.7 | 95.2 | 97.5 | 99.6 | 97.5 | 95.2 | 93.7 | 92.0 | 90.1 | 88.0 | 84.8 |
| -82.5° | 64.5 | 64.8 | 65.0 | 65.1 | 65.0 | 64.8 | 64.5 | 64.0 | 63.2 | 62.3 | 59.5 |
| -85° | 40.8 | 41.9 | 42.1 | 42.1 | 42.1 | 41.9 | 40.8 | 39.5 | 38.3 | 37.0 | 35.5 |
| -87.5° | 18.9 | 19.0 | 19.1 | 19.1 | 19.1 | 19.0 | 18.9 | 18.8 | 18.6 | 18.4 | 17.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 90° | 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 |
| 85° | 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 |
| 80° | 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 |
| 75° | 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 |
| 70° | 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 | 0.2 |
| 65° | 0.9 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 1.0 |
| 62.5° | 3.9 | 4.2 | 4.4 | 4.0 | 3.0 | 1.9 | 2.3 | 2.7 | 1.9 | 0.4 | 1.3 |
| 60° | 14.4 | 9.2 | 13.0 | 14.3 | 12.6 | 9.0 | 9.2 | 8.6 | 7.1 | 5.6 | 3.7 |
| 57.5° | 47.2 | 45.6 | 37.4 | 32.3 | 30.8 | 27.3 | 22.5 | 17.9 | 15.8 | 12.7 | 9.0 |
| 55° | 65.1 | 62.5 | 58.0 | 51.9 | 44.9 | 42.9 | 39.0 | 33.4 | 28.0 | 21.7 | 17.6 |
| 52.5° | 80.0 | 80.7 | 78.1 | 70.7 | 64.5 | 60.5 | 55.1 | 49.9 | 43.3 | 37.2 | 29.0 |
| 50° | 114.3 | 110.0 | 105.8 | 101.6 | 91.8 | 82.3 | 75.7 | 68.4 | 59.1 | 52.1 | 45.2 |
| 47.5° | 146.0 | 139.5 | 135.1 | 129.5 | 118.3 | 108.3 | 97.8 | 87.6 | 76.0 | 65.1 | 58.2 |
| 45° | 173.0 | 163.6 | 155.1 | 148.2 | 138.6 | 127.1 | 117.8 | 106.4 | 93.1 | 80.5 | 68.7 |
| 42.5° | 200.5 | 186.2 | 174.8 | 167.8 | 156.1 | 144.3 | 133.8 | 125.0 | 110.7 | 96.0 | 84.0 |
| 40° | 237.1 | 208.5 | 197.8 | 195.0 | 183.9 | 165.2 | 156.2 | 146.6 | 131.4 | 112.1 | 100.4 |
| 37.5° | 297.4 | 259.1 | 240.2 | 230.4 | 220.3 | 200.9 | 183.4 | 170.8 | 157.1 | 135.4 | 118.7 |
| 35° | 382.8 | 337.8 | 296.7 | 275.5 | 263.7 | 237.2 | 214.3 | 196.9 | 180.5 | 160.0 | 138.3 |
| 32.5° | 457.7 | 407.0 | 357.9 | 320.9 | 294.3 | 269.9 | 244.2 | 222.9 | 201.3 | 180.3 | 159.0 |
| 30° | 567.0 | 482.3 | 414.7 | 362.6 | 328.4 | 298.0 | 270.8 | 245.0 | 220.7 | 198.5 | 177.1 |
| 27.5° | 715.5 | 580.3 | 488.6 | 415.2 | 364.1 | 328.1 | 297.1 | 266.9 | 239.1 | 215.3 | 193.3 |
| 25° | 934.0 | 717.7 | 580.6 | 481.6 | 407.6 | 361.3 | 325.9 | 291.0 | 258.6 | 231.5 | 212.8 |
| 22.5° | 1247.8 | 952.4 | 726.4 | 553.5 | 470.9 | 412.3 | 360.0 | 316.1 | 279.3 | 255.1 | 233.0 |
| 20° | 1788.2 | 1274.8 | 940.8 | 718.8 | 566.9 | 472.6 | 401.1 | 349.6 | 312.0 | 280.8 | 253.4 |
| 17.5° | 2711.9 | 1878.9 | 1218.2 | 925.6 | 709.4 | 562.9 | 459.9 | 391.5 | 344.2 | 306.8 | 274.0 |
| 15° | 3843.9 | 2578.7 | 1703.0 | 1192.5 | 869.4 | 638.2 | 515.0 | 433.0 | 377.1 | 333.9 | 294.7 |
| 12.5° | 5022.6 | 3244.6 | 2104.5 | 1395.3 | 983.8 | 718.3 | 572.9 | 480.3 | 410.0 | 353.6 | 308.4 |
| 10° | 6046.7 | 3928.8 | 2509.2 | 1634.9 | 1113.2 | 795.3 | 618.7 | 510.2 | 429.6 | 367.7 | 320.0 |
| 7.5° | 7178.1 | 4628.6 | 2881.7 | 1810.3 | 1220.0 | 856.9 | 649.7 | 530.3 | 445.9 | 379.4 | 329.6 |
| 5° | 8016.4 | 5162.8 | 3196.8 | 1970.3 | 1300.4 | 904.0 | 673.8 | 544.6 | 458.6 | 388.8 | 337.2 |
| 2.5° | 8578.8 | 5534.8 | 3394.6 | 2080.4 | 1350.1 | 940.1 | 693.2 | 558.1 | 468.5 | 398.4 | 345.6 |
| 0° | 8754.3 | 5572.0 | 3546.1 | 2148.4 | 1382.5 | 972.7 | 708.5 | 570.6 | 474.9 | 405.9 | 352.3 |
| -2.5° | 8807.9 | 5635.9 | 3531.0 | 2163.3 | 1393.6 | 990.2 | 714.9 | 573.0 | 479.9 | 408.8 | 353.2 |
| -5° | 8458.1 | 5470.7 | 3451.9 | 2148.1 | 1385.2 | 989.9 | 725.7 | 577.1 | 482.7 | 409.8 | 352.4 |
| -7.5° | 7843.4 | 5113.8 | 3244.6 | 2050.7 | 1345.1 | 974.1 | 733.4 | 582.6 | 485.3 | 412.8 | 355.2 |
| -10° | 6908.8 | 4541.2 | 2922.4 | 1887.5 | 1278.2 | 943.8 | 726.3 | 579.6 | 483.6 | 412.3 | 355.8 |
| -12.5° | 5968.4 | 3899.8 | 2505.2 | 1658.8 | 1169.1 | 887.8 | 699.0 | 567.7 | 477.6 | 408.0 | 354.1 |
| -15° | 4774.4 | 3264.1 | 2195.8 | 1501.9 | 1070.8 | 827.5 | 664.5 | 549.2 | 467.3 | 400.4 | 350.1 |
| -17.5° | 3834.7 | 2647.9 | 1798.5 | 1288.1 | 976.0 | 774.6 | 637.6 | 534.1 | 455.3 | 392.7 | 344.7 |
| -20° | 2949.9 | 2085.6 | 1522.8 | 1133.4 | 878.5 | 709.4 | 601.1 | 511.9 | 441.4 | 384.7 | 339.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2223.1 | 1689.1 | 1263.9 | 974.2 | 787.7 | 659.0 | 564.6 | 487.1 | 424.6 | 373.3 | 332.8 |
| -25° | 1727.3 | 1347.2 | 1057.1 | 860.5 | 707.5 | 603.4 | 530.8 | 467.5 | 411.2 | 362.0 | 324.8 |
| -27.5° | 1366.1 | 1093.9 | 907.2 | 754.7 | 642.5 | 565.7 | 503.3 | 447.2 | 396.8 | 353.4 | 316.6 |
| -30° | 1106.2 | 929.5 | 785.6 | 671.3 | 591.3 | 527.1 | 476.8 | 429.9 | 383.4 | 342.5 | 307.8 |
| -32.5° | 906.1 | 797.6 | 689.4 | 607.4 | 541.0 | 491.7 | 450.8 | 411.2 | 367.1 | 331.1 | 298.6 |
| -35° | 775.9 | 696.9 | 620.1 | 554.7 | 498.7 | 461.2 | 424.8 | 387.8 | 351.8 | 318.4 | 288.1 |
| -37.5° | 685.2 | 620.7 | 562.9 | 510.2 | 468.5 | 433.2 | 401.3 | 368.6 | 335.9 | 305.2 | 277.2 |
| -40° | 614.6 | 559.8 | 514.2 | 474.1 | 440.7 | 410.5 | 381.4 | 351.3 | 322.1 | 291.4 | 265.6 |
| -42.5° | 556.9 | 513.7 | 474.2 | 443.4 | 415.0 | 389.3 | 363.7 | 337.4 | 308.9 | 279.8 | 252.5 |
| -45° | 509.3 | 475.3 | 442.3 | 415.0 | 390.8 | 369.1 | 349.5 | 323.2 | 295.3 | 266.2 | 238.4 |
| -47.5° | 469.4 | 441.3 | 413.7 | 388.3 | 368.3 | 349.6 | 330.7 | 307.4 | 278.1 | 250.7 | 227.1 |
| -50° | 433.9 | 411.3 | 388.0 | 364.6 | 347.0 | 329.8 | 309.9 | 285.6 | 260.3 | 237.8 | 215.5 |
| -52.5° | 405.4 | 385.0 | 364.6 | 345.0 | 327.9 | 309.8 | 288.5 | 267.5 | 245.9 | 224.7 | 204.3 |
| -55° | 376.6 | 360.0 | 343.7 | 327.5 | 311.3 | 292.7 | 273.0 | 252.1 | 231.0 | 211.2 | 190.3 |
| -57.5° | 353.9 | 338.6 | 323.9 | 309.3 | 294.8 | 276.4 | 256.3 | 236.0 | 214.2 | 194.2 | 174.5 |
| -60° | 329.8 | 316.5 | 301.9 | 287.7 | 274.0 | 257.7 | 236.0 | 215.0 | 194.9 | 175.9 | 156.9 |
| -62.5° | 299.8 | 286.8 | 274.2 | 260.4 | 246.0 | 229.9 | 210.1 | 190.8 | 173.3 | 156.8 | 139.8 |
| -65° | 265.3 | 253.4 | 241.1 | 227.6 | 212.6 | 195.9 | 179.1 | 164.9 | 151.4 | 137.4 | 122.4 |
| -67.5° | 230.0 | 219.2 | 206.7 | 193.1 | 180.1 | 166.8 | 154.7 | 142.5 | 129.9 | 117.0 | 103.6 |
| -70° | 198.0 | 189.5 | 179.3 | 167.5 | 155.1 | 142.6 | 131.1 | 119.7 | 108.1 | 97.3 | 86.9 |
| -72.5° | 167.5 | 159.6 | 150.4 | 139.6 | 128.7 | 118.2 | 108.5 | 99.3 | 90.2 | 81.2 | 72.0 |
| -75° | 136.4 | 129.8 | 122.5 | 113.8 | 105.0 | 96.1 | 88.1 | 80.6 | 73.0 | 65.1 | 57.3 |
| -77.5° | 107.5 | 102.7 | 97.4 | 90.5 | 83.6 | 76.7 | 69.9 | 63.1 | 56.8 | 50.9 | 45.5 |
| -80° | 81.3 | 77.7 | 73.6 | 68.1 | 62.6 | 57.1 | 51.8 | 47.2 | 42.9 | 39.0 | 35.1 |
| -82.5° | 56.6 | 53.7 | 50.7 | 46.9 | 43.0 | 39.1 | 35.4 | 32.6 | 29.9 | 27.2 | 24.7 |
| -85° | 34.1 | 32.5 | 30.8 | 28.6 | 26.5 | 24.5 | 22.6 | 21.0 | 19.5 | 17.9 | 16.2 |
| -87.5° | 16.2 | 15.0 | 13.9 | 13.6 | 13.2 | 12.9 | 12.5 | 11.4 | 10.3 | 9.2 | 8.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| 90° | 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 |
| 85° | 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 |
| 80° | 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 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.1 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.8 | 0.8 | 0.2 |
| 70° | 0.0 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.5 | 1.4 | 1.6 | 1.2 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.8 | 1.3 | 1.1 | 0.3 | 0.6 | 1.5 | 2.4 | 2.1 |
| 65° | 1.3 | 0.9 | 0.1 | 1.0 | 1.9 | 2.5 | 1.9 | 1.1 | 1.7 | 2.6 | 3.2 |
| 62.5° | 2.2 | 2.9 | 2.2 | 1.6 | 2.1 | 3.0 | 3.5 | 2.4 | 2.0 | 2.7 | 3.6 |
| 60° | 2.5 | 3.4 | 3.8 | 3.0 | 2.7 | 3.2 | 3.8 | 3.5 | 2.7 | 2.9 | 3.7 |
| 57.5° | 6.7 | 4.3 | 4.3 | 4.1 | 3.4 | 3.5 | 3.8 | 3.8 | 3.4 | 3.2 | 3.8 |
| 55° | 12.5 | 9.1 | 6.4 | 5.2 | 4.3 | 3.8 | 3.9 | 3.8 | 3.8 | 3.5 | 3.8 |
| 52.5° | 21.8 | 15.8 | 11.6 | 7.8 | 5.8 | 4.3 | 4.3 | 3.8 | 3.8 | 3.7 | 3.8 |
| 50° | 34.6 | 24.9 | 18.2 | 13.1 | 8.2 | 6.4 | 5.0 | 4.4 | 3.8 | 3.8 | 3.8 |
| 47.5° | 50.7 | 37.2 | 26.6 | 19.2 | 13.5 | 8.7 | 6.8 | 5.3 | 3.8 | 3.8 | 3.8 |
| 45° | 62.5 | 51.9 | 37.1 | 26.9 | 18.9 | 13.0 | 9.2 | 6.3 | 4.7 | 3.9 | 3.8 |
| 42.5° | 74.2 | 64.6 | 50.5 | 34.4 | 26.0 | 18.0 | 11.7 | 8.5 | 5.8 | 4.2 | 3.9 |
| 40° | 89.1 | 77.1 | 63.3 | 47.0 | 33.8 | 22.8 | 15.9 | 10.9 | 7.1 | 4.9 | 4.3 |
| 37.5° | 104.4 | 91.0 | 76.0 | 59.0 | 42.7 | 30.3 | 20.2 | 13.5 | 8.9 | 6.2 | 4.6 |
| 35° | 121.7 | 105.6 | 88.6 | 70.5 | 53.1 | 38.0 | 24.3 | 16.5 | 11.3 | 7.6 | 5.1 |
| 32.5° | 139.1 | 119.5 | 100.3 | 81.7 | 62.9 | 45.9 | 30.1 | 20.5 | 13.6 | 9.1 | 5.6 |
| 30° | 156.0 | 133.3 | 111.0 | 92.3 | 72.2 | 54.3 | 37.4 | 24.8 | 15.9 | 10.7 | 6.4 |
| 27.5° | 171.3 | 146.8 | 121.5 | 101.8 | 81.5 | 62.1 | 44.7 | 29.4 | 18.0 | 12.3 | 7.6 |
| 25° | 187.4 | 160.6 | 133.4 | 110.3 | 90.3 | 70.1 | 51.5 | 34.4 | 21.2 | 14.2 | 8.9 |
| 22.5° | 205.6 | 174.5 | 144.9 | 117.9 | 99.5 | 77.8 | 58.0 | 40.2 | 25.1 | 15.9 | 10.1 |
| 20° | 225.2 | 188.2 | 156.4 | 128.8 | 108.2 | 85.7 | 64.4 | 45.6 | 29.0 | 17.5 | 11.3 |
| 17.5° | 245.3 | 203.3 | 170.4 | 141.2 | 116.7 | 93.1 | 70.6 | 50.6 | 33.0 | 19.1 | 12.5 |
| 15° | 258.9 | 218.4 | 182.9 | 152.8 | 125.3 | 100.0 | 76.4 | 55.0 | 36.8 | 20.5 | 13.7 |
| 12.5° | 270.3 | 231.4 | 194.0 | 163.5 | 133.7 | 106.3 | 81.8 | 59.0 | 40.6 | 22.5 | 14.8 |
| 10° | 280.4 | 242.4 | 203.7 | 173.3 | 141.9 | 111.9 | 86.7 | 62.6 | 44.1 | 24.9 | 15.9 |
| 7.5° | 289.1 | 251.4 | 212.0 | 182.2 | 149.7 | 117.7 | 90.9 | 65.7 | 47.2 | 27.4 | 16.8 |
| 5° | 296.3 | 259.2 | 218.9 | 188.0 | 156.9 | 123.7 | 94.4 | 68.4 | 49.7 | 29.9 | 17.7 |
| 2.5° | 302.2 | 266.3 | 224.8 | 192.2 | 163.1 | 129.2 | 97.3 | 70.8 | 51.8 | 32.3 | 18.4 |
| 0° | 306.4 | 271.9 | 229.8 | 195.3 | 168.5 | 134.0 | 99.6 | 72.8 | 53.6 | 34.5 | 19.1 |
| -2.5° | 309.2 | 272.8 | 235.1 | 198.9 | 171.7 | 138.0 | 104.2 | 75.3 | 55.0 | 36.5 | 20.3 |
| -5° | 310.3 | 272.7 | 239.0 | 201.7 | 174.0 | 141.2 | 108.1 | 77.3 | 56.2 | 38.1 | 21.3 |
| -7.5° | 312.0 | 274.0 | 241.1 | 203.9 | 175.6 | 143.7 | 111.1 | 78.8 | 57.0 | 39.5 | 22.3 |
| -10° | 312.7 | 275.3 | 241.7 | 206.6 | 176.9 | 145.5 | 113.0 | 79.7 | 57.6 | 40.5 | 23.1 |
| -12.5° | 311.8 | 275.1 | 241.5 | 208.1 | 177.5 | 146.6 | 114.1 | 81.2 | 58.2 | 41.1 | 23.8 |
| -15° | 309.3 | 273.5 | 241.0 | 208.3 | 177.4 | 147.0 | 114.4 | 82.6 | 59.4 | 41.3 | 24.4 |
| -17.5° | 305.5 | 270.4 | 240.1 | 207.0 | 176.7 | 146.7 | 114.0 | 83.2 | 60.0 | 41.0 | 25.0 |
| -20° | 301.7 | 267.5 | 238.8 | 204.2 | 175.3 | 145.9 | 113.0 | 83.1 | 60.0 | 40.4 | 25.5 |

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

Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| -22.5° | 296.8 | 264.8 | 234.6 | 201.4 | 173.4 | 144.6 | 111.4 | 82.1 | 59.3 | 39.5 | 25.8 |
| -25° | 290.5 | 260.6 | 229.7 | 199.3 | 171.0 | 141.8 | 109.6 | 80.3 | 57.9 | 38.3 | 25.9 |
| -27.5° | 284.2 | 255.0 | 224.6 | 196.3 | 167.7 | 138.5 | 107.1 | 78.6 | 55.9 | 36.7 | 25.8 |
| -30° | 276.9 | 248.7 | 220.1 | 192.2 | 163.0 | 133.9 | 103.6 | 76.0 | 53.9 | 36.0 | 25.5 |
| -32.5° | 268.9 | 242.4 | 215.1 | 186.1 | 157.2 | 128.7 | 99.2 | 72.4 | 51.5 | 35.5 | 25.3 |
| -35° | 260.9 | 235.3 | 209.0 | 178.4 | 150.9 | 123.1 | 94.6 | 67.8 | 48.7 | 34.8 | 24.9 |
| -37.5° | 251.4 | 226.5 | 199.1 | 170.1 | 144.1 | 117.0 | 90.4 | 65.2 | 45.7 | 33.8 | 24.5 |
| -40° | 240.6 | 215.7 | 187.8 | 162.4 | 137.1 | 110.6 | 85.8 | 62.8 | 43.7 | 32.5 | 23.9 |
| -42.5° | 228.5 | 203.7 | 178.7 | 154.5 | 129.7 | 105.2 | 81.1 | 59.8 | 42.9 | 31.5 | 23.2 |
| -45° | 216.1 | 192.8 | 170.2 | 146.3 | 122.2 | 99.5 | 77.1 | 56.5 | 41.6 | 30.5 | 22.5 |
| -47.5° | 204.5 | 183.6 | 161.0 | 137.5 | 115.7 | 93.7 | 72.4 | 54.4 | 39.7 | 29.5 | 21.7 |
| -50° | 194.6 | 173.4 | 150.9 | 128.6 | 108.1 | 87.7 | 67.6 | 51.6 | 38.2 | 28.4 | 20.8 |
| -52.5° | 183.3 | 161.9 | 139.9 | 118.8 | 99.9 | 81.1 | 63.5 | 48.2 | 36.1 | 26.9 | 19.6 |
| -55° | 169.9 | 148.6 | 127.5 | 109.1 | 91.4 | 74.8 | 58.7 | 44.7 | 33.4 | 25.3 | 18.3 |
| -57.5° | 154.2 | 133.6 | 116.2 | 99.4 | 82.9 | 67.8 | 53.3 | 40.5 | 30.9 | 23.5 | 16.9 |
| -60° | 138.1 | 121.4 | 105.5 | 89.1 | 73.9 | 60.2 | 47.2 | 36.2 | 28.5 | 21.4 | 15.2 |
| -62.5° | 123.7 | 108.4 | 92.8 | 77.9 | 64.5 | 52.1 | 40.9 | 33.0 | 25.7 | 19.2 | 13.5 |
| -65° | 107.6 | 93.2 | 79.2 | 66.9 | 55.0 | 44.6 | 36.7 | 29.4 | 22.8 | 16.9 | 11.9 |
| -67.5° | 90.3 | 78.8 | 67.0 | 55.8 | 47.0 | 39.4 | 32.2 | 25.6 | 19.7 | 14.3 | 10.9 |
| -70° | 76.3 | 65.5 | 55.9 | 47.9 | 40.6 | 33.8 | 27.5 | 21.6 | 16.3 | 12.8 | 9.9 |
| -72.5° | 63.0 | 54.6 | 47.0 | 40.2 | 33.9 | 28.0 | 22.5 | 17.7 | 14.2 | 11.2 | 8.7 |
| -75° | 50.2 | 44.1 | 38.2 | 32.3 | 27.0 | 22.1 | 18.5 | 15.0 | 12.0 | 9.5 | 7.6 |
| -77.5° | 40.2 | 34.8 | 29.4 | 25.2 | 21.9 | 18.6 | 15.2 | 12.0 | 10.0 | 8.3 | 6.5 |
| -80° | 30.9 | 27.2 | 23.9 | 21.0 | 18.0 | 15.0 | 12.4 | 10.2 | 8.6 | 7.0 | 5.4 |
| -82.5° | 22.2 | 20.2 | 18.5 | 16.8 | 14.5 | 12.3 | 10.4 | 8.6 | 7.2 | 5.8 | 4.2 |
| -85° | 15.2 | 14.2 | 13.3 | 12.6 | 11.0 | 9.6 | 7.9 | 6.5 | 5.1 | 3.9 | 2.9 |
| -87.5° | 7.8 | 7.4 | 7.0 | 6.6 | 5.7 | 4.8 | 4.0 | 3.2 | 2.6 | 2.0 | 1.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90° | 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 | 0.1 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 |
| 77.5° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |
| 75° | 0.1 | 0.3 | 0.1 | 0.0 | 0.1 | 0.5 | 0.0 |
| 72.5° | 0.2 | 0.6 | 0.4 | 0.0 | 0.1 | 0.6 | 0.0 |
| 70° | 0.4 | 0.9 | 0.8 | 0.1 | 0.2 | 0.7 | 0.0 |
| 67.5° | 1.3 | 1.2 | 1.1 | 0.4 | 0.2 | 0.8 | 0.0 |
| 65° | 2.2 | 1.6 | 1.5 | 0.8 | 0.3 | 0.9 | 0.0 |
| 62.5° | 3.0 | 2.2 | 1.9 | 1.2 | 0.4 | 1.0 | 0.0 |
| 60° | 3.7 | 2.7 | 2.4 | 1.6 | 0.5 | 1.1 | 0.0 |
| 57.5° | 3.8 | 3.1 | 2.7 | 2.0 | 0.8 | 1.2 | 0.0 |
| 55° | 3.8 | 3.5 | 2.9 | 2.4 | 1.1 | 1.3 | 0.0 |
| 52.5° | 3.8 | 3.8 | 3.2 | 2.8 | 1.4 | 1.4 | 0.0 |
| 50° | 3.8 | 3.8 | 3.4 | 3.2 | 1.7 | 1.5 | 0.0 |
| 47.5° | 3.8 | 3.8 | 3.5 | 3.6 | 2.0 | 1.6 | 0.0 |
| 45° | 3.8 | 3.8 | 3.7 | 3.7 | 2.2 | 1.7 | 0.0 |
| 42.5° | 3.8 | 3.8 | 3.8 | 3.8 | 2.4 | 1.9 | 0.0 |
| 40° | 3.8 | 3.8 | 3.8 | 3.8 | 2.7 | 2.0 | 0.0 |
| 37.5° | 3.8 | 3.8 | 3.8 | 3.8 | 2.8 | 2.1 | 0.0 |
| 35° | 3.8 | 3.8 | 3.8 | 3.8 | 3.0 | 2.2 | 0.0 |
| 32.5° | 3.9 | 3.8 | 3.8 | 3.8 | 3.2 | 2.3 | 0.0 |
| 30° | 4.3 | 3.8 | 3.8 | 3.8 | 3.3 | 2.5 | 0.0 |
| 27.5° | 4.8 | 3.8 | 3.8 | 3.8 | 3.4 | 2.6 | 0.0 |
| 25° | 5.2 | 3.8 | 3.8 | 3.8 | 3.5 | 2.7 | 0.0 |
| 22.5° | 5.7 | 3.9 | 3.8 | 3.8 | 3.6 | 2.8 | 0.0 |
| 20° | 6.2 | 4.2 | 3.8 | 3.8 | 3.6 | 3.0 | 0.0 |
| 17.5° | 6.9 | 4.5 | 3.8 | 3.8 | 3.7 | 3.1 | 0.0 |
| 15° | 7.7 | 4.9 | 3.8 | 3.8 | 3.7 | 3.2 | 0.0 |
| 12.5° | 8.4 | 5.3 | 3.8 | 3.8 | 3.8 | 3.3 | 0.0 |
| 10° | 9.1 | 5.8 | 3.8 | 3.8 | 3.8 | 3.4 | 0.0 |
| 7.5° | 9.8 | 6.3 | 3.8 | 3.8 | 3.8 | 3.5 | 0.0 |
| 5° | 10.4 | 6.8 | 3.8 | 3.8 | 3.8 | 3.6 | 0.0 |
| 2.5° | 11.0 | 7.3 | 3.8 | 3.8 | 3.8 | 3.7 | 0.0 |
| 0° | 11.5 | 7.7 | 3.8 | 3.8 | 3.8 | 3.8 | 0.0 |
| -2.5° | 12.5 | 8.1 | 4.1 | 3.8 | 3.8 | 3.8 | 0.0 |
| -5° | 13.4 | 8.5 | 4.5 | 3.8 | 3.8 | 3.8 | 0.0 |
| -7.5° | 14.3 | 8.8 | 4.8 | 3.8 | 3.8 | 3.8 | 0.0 |
| -10° | 15.0 | 9.1 | 5.1 | 3.8 | 3.8 | 3.7 | 0.0 |
| -12.5° | 15.6 | 9.3 | 5.3 | 3.8 | 3.8 | 3.7 | 0.0 |
| -15° | 16.1 | 9.5 | 5.6 | 3.8 | 3.8 | 3.7 | 0.0 |
| -17.5° | 16.4 | 9.7 | 5.7 | 3.8 | 3.8 | 3.6 | 0.0 |
| -20° | 16.7 | 9.8 | 5.8 | 3.8 | 3.8 | 3.6 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627328 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 16.9 | 9.9 | 5.9 | 3.8 | 3.8 | 3.5 | 0.0 |
| -25° | 17.0 | 10.2 | 5.9 | 3.8 | 3.8 | 3.4 | 0.0 |
| -27.5° | 17.0 | 10.4 | 5.8 | 3.8 | 3.8 | 3.4 | 0.0 |
| -30° | 16.9 | 10.6 | 5.6 | 3.8 | 3.8 | 3.3 | 0.0 |
| -32.5° | 16.7 | 10.7 | 5.6 | 3.8 | 3.8 | 3.2 | 0.0 |
| -35° | 16.7 | 10.7 | 5.5 | 3.8 | 3.8 | 3.1 | 0.0 |
| -37.5° | 16.6 | 10.5 | 5.4 | 3.8 | 3.8 | 3.0 | 0.0 |
| -40° | 16.4 | 10.3 | 5.2 | 3.8 | 3.8 | 2.9 | 0.0 |
| -42.5° | 16.0 | 10.0 | 5.1 | 3.8 | 3.8 | 2.8 | 0.0 |
| -45° | 15.5 | 9.6 | 5.3 | 3.9 | 3.8 | 2.7 | 0.0 |
| -47.5° | 14.9 | 9.1 | 5.4 | 4.0 | 3.8 | 2.6 | 0.0 |
| -50° | 14.1 | 8.5 | 5.4 | 4.1 | 3.8 | 2.4 | 0.0 |
| -52.5° | 13.3 | 7.8 | 5.4 | 4.1 | 3.8 | 2.3 | 0.0 |
| -55° | 12.2 | 7.6 | 5.4 | 4.1 | 3.8 | 2.2 | 0.0 |
| -57.5° | 11.1 | 7.4 | 5.3 | 4.1 | 3.8 | 2.0 | 0.0 |
| -60° | 9.9 | 7.2 | 5.2 | 4.1 | 3.8 | 1.9 | 0.0 |
| -62.5° | 9.4 | 6.9 | 5.1 | 4.0 | 3.5 | 1.8 | 0.0 |
| -65° | 8.9 | 6.5 | 4.9 | 4.0 | 3.2 | 1.6 | 0.0 |
| -67.5° | 8.2 | 6.1 | 4.7 | 3.9 | 2.9 | 1.5 | 0.0 |
| -70° | 7.5 | 5.6 | 4.4 | 3.8 | 2.6 | 1.3 | 0.0 |
| -72.5° | 6.7 | 5.1 | 4.1 | 3.4 | 2.3 | 1.1 | 0.0 |
| -75° | 5.8 | 4.6 | 3.9 | 2.9 | 2.0 | 1.0 | 0.0 |
| -77.5° | 4.9 | 4.0 | 3.3 | 2.5 | 1.6 | 0.8 | 0.0 |
| -80° | 3.9 | 3.3 | 2.6 | 2.0 | 1.3 | 0.7 | 0.0 |
| -82.5° | 2.9 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| -85° | 2.0 | 1.6 | 1.3 | 1.0 | 0.7 | 0.3 | 0.0 |
| -87.5° | 1.0 | 0.8 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)