

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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627508 (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-SA4E-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: -

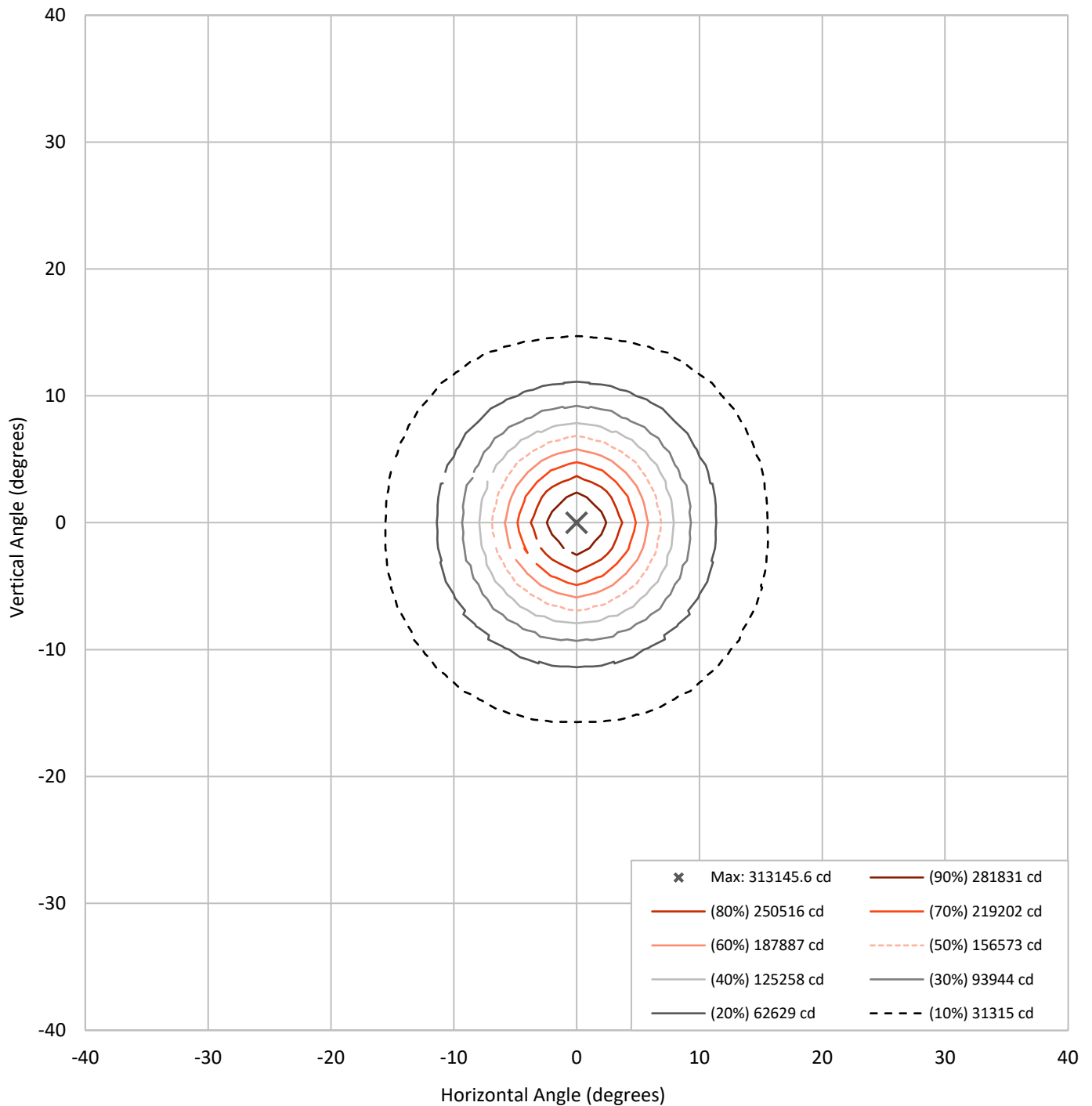
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 30892.4 lumens | Max Intensity: | 313145.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 120.7 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: | 9862.3 lumens | Field Lumens: | 21966.5 lumens |
| Beam Efficiency: | 31.9% | Field Efficiency: | 71.1% |
| Input Watts (W): | 255.9 | | |
| 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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-730-U-NR-VSR-XX

Iso-Candela Plot





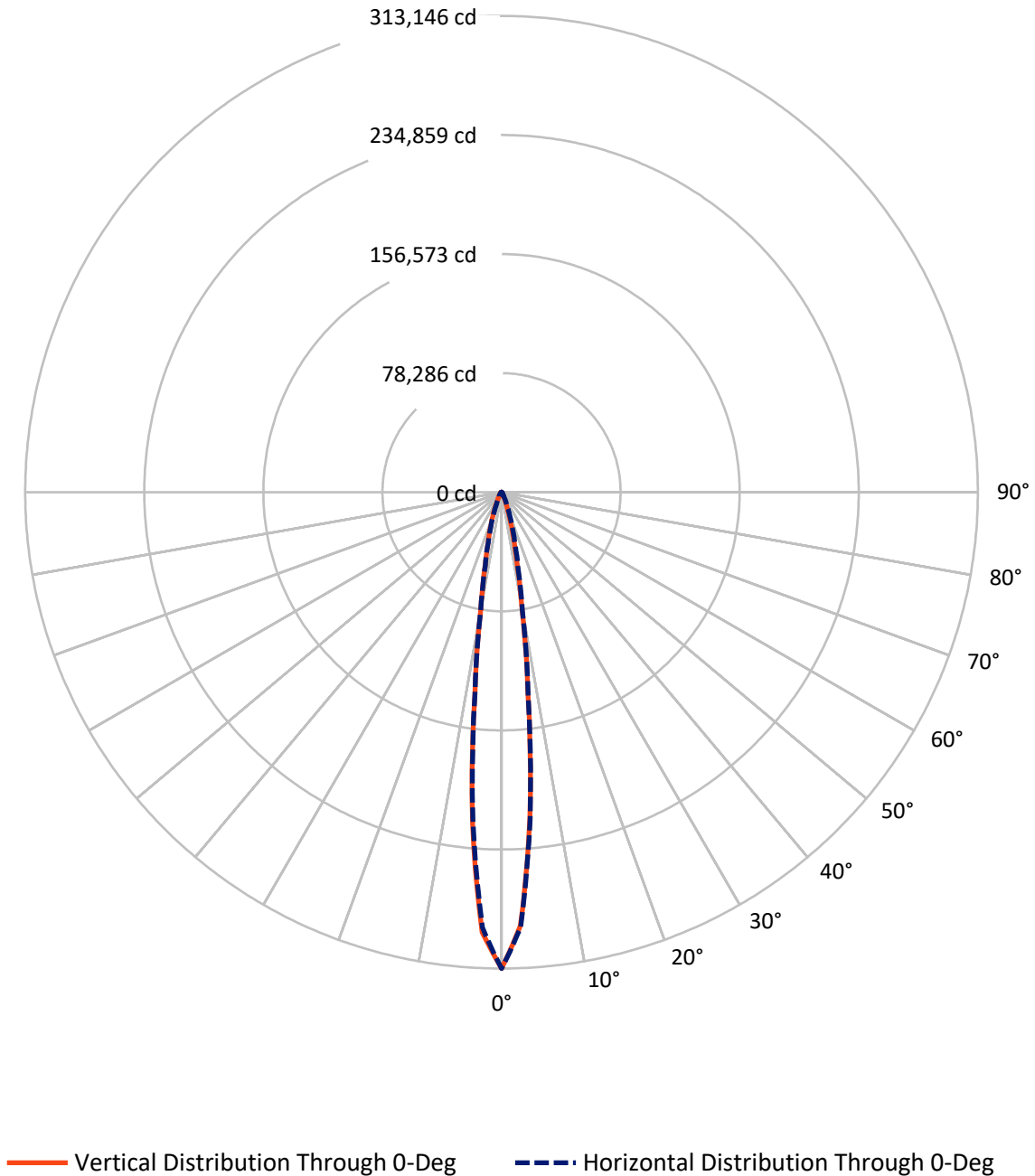
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|-----|----|----|----|
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | | | | |
| 50 | | 0.1 | 0.2 | 0.8 | 1.7 | 2.7 | 3.7 | 4.4 | 4.4 | 3.7 | 2.7 | 1.7 | 0.8 | 0.2 | | 0.1 | | | |
| 40 | 0.1 | 0.2 | 0.9 | 2.7 | 5.0 | 7.4 | 10.4 | 12.3 | 12.3 | 10.4 | 7.4 | 5.0 | 2.7 | 0.9 | 0.2 | 0.1 | | | |
| 30 | | 0.4 | 2.2 | 5.3 | 9.3 | 14.8 | 25.1 | 32.0 | 32.0 | 25.1 | 14.8 | 9.3 | 5.3 | 2.2 | 0.4 | | | | |
| 20 | 0.3 | 0.9 | 3.4 | 7.9 | 14.5 | 31.4 | 83.9 | 139.0 | 139.0 | 83.9 | 31.4 | 14.5 | 7.9 | 3.4 | 0.9 | 0.3 | | | |
| 10 | | 1.3 | 4.7 | 11.0 | 23.9 | 93.9 | 396.0 | 870.4 | 870.4 | 396.0 | 93.9 | 23.9 | 11.0 | 4.7 | 1.3 | | | | |
| 0 | 0.5 | 1.7 | 5.8 | 12.9 | 32.4 | 176.3 | 948.9 | 4255.6 | 4255.6 | 948.9 | 176.3 | 32.4 | 12.9 | 5.8 | 1.7 | 0.5 | | | |
| -10 | | 1.9 | 6.3 | 13.6 | 34.9 | 187.9 | 982.2 | 4327.9 | 4327.9 | 982.2 | 187.9 | 34.9 | 13.6 | 6.3 | 1.9 | | | | |
| -20 | 0.6 | 2.0 | 6.4 | 13.4 | 30.6 | 119.6 | 476.8 | 1019.8 | 1019.8 | 476.8 | 119.6 | 30.6 | 13.4 | 6.4 | 2.0 | 0.6 | | | |
| -30 | | 1.9 | 6.1 | 12.3 | 23.6 | 55.9 | 146.9 | 244.9 | 244.9 | 146.9 | 55.9 | 23.6 | 12.3 | 6.1 | 1.9 | | | | |
| -40 | 0.5 | 1.7 | 5.5 | 10.8 | 18.5 | 30.7 | 49.9 | 63.5 | 63.5 | 49.9 | 30.7 | 18.5 | 10.8 | 5.5 | 1.7 | 0.5 | | | |
| -50 | | 1.4 | 4.5 | 9.0 | 14.9 | 21.4 | 28.8 | 32.1 | 32.1 | 28.8 | 21.4 | 14.9 | 9.0 | 4.5 | 1.4 | | | | |
| -60 | 0.4 | 1.1 | 3.4 | 7.1 | 11.8 | 16.5 | 20.8 | 22.7 | 22.7 | 20.8 | 16.5 | 11.8 | 7.1 | 3.4 | 1.1 | 0.4 | | | |
| -70 | | 0.7 | 2.1 | 4.6 | 7.9 | 11.5 | 14.5 | 15.9 | 15.9 | 14.5 | 11.5 | 7.9 | 4.6 | 2.1 | 0.7 | | | | |
| -80 | 0.1 | 1.9 | 7.8 | 17.1 | 21.6 | 17.1 | 7.8 | 1.9 | 0.1 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

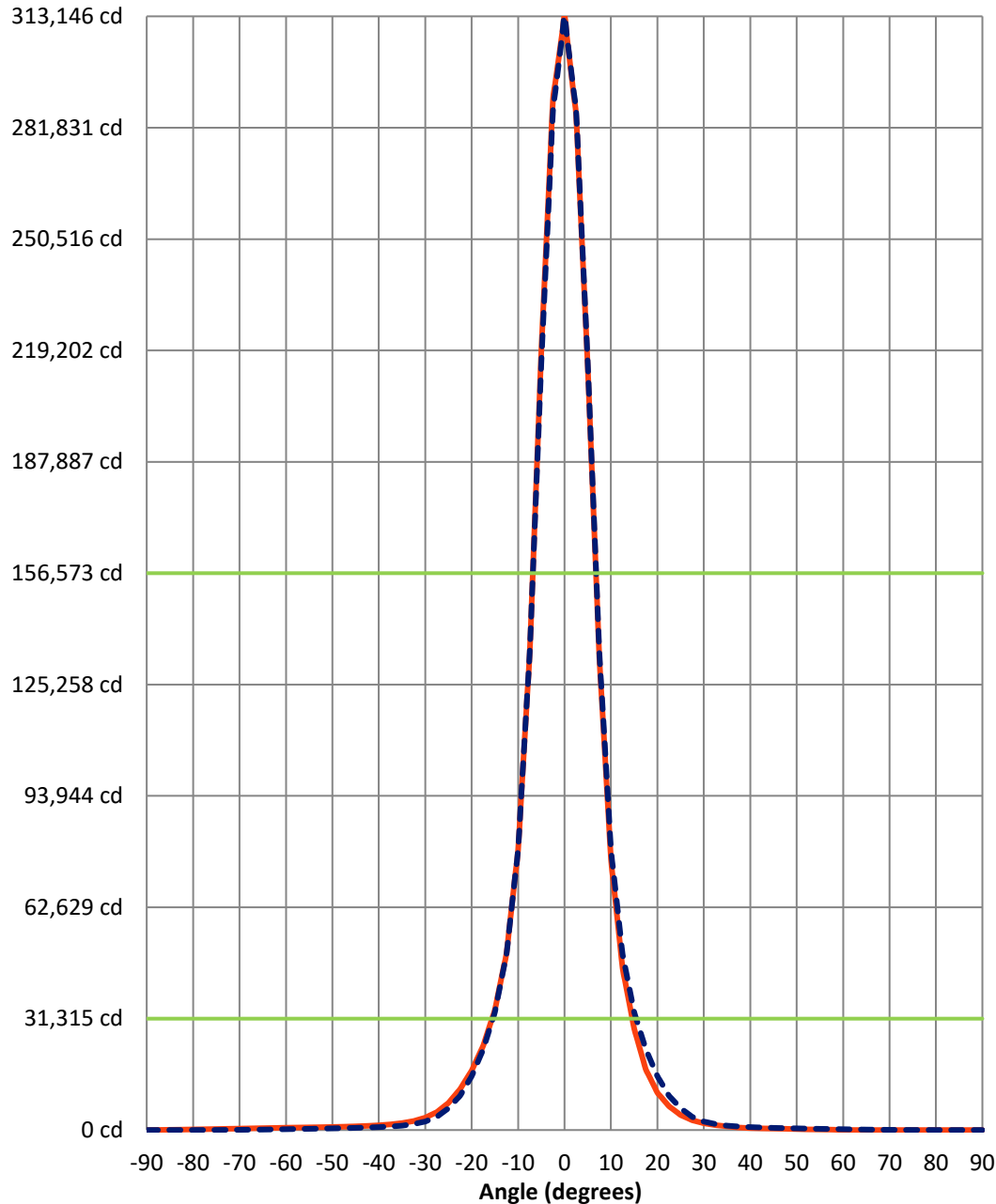
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CATALOG NUMBER: GFLD-SA4E-730-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 9862.3
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 21966.5
Efficiency: 71.1%

Spill:
Lumens: 8925.9
Efficiency: 28.9%

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

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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 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.7 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.9 | 0.1 | 0.0 | 0.1 | 0.5 | 0.2 | 0.0 | 0.1 | 0.6 | 0.3 |
| 72.5° | 0.0 | 1.0 | 0.2 | 0.0 | 0.7 | 1.0 | 0.3 | 0.4 | 1.4 | 1.5 | 0.6 |
| 70° | 0.0 | 1.2 | 0.3 | 0.1 | 1.3 | 1.5 | 0.8 | 2.0 | 2.8 | 2.5 | 0.9 |
| 67.5° | 0.0 | 1.4 | 0.4 | 0.8 | 2.0 | 2.0 | 2.3 | 3.7 | 4.2 | 2.7 | 1.1 |
| 65° | 0.0 | 1.5 | 0.5 | 1.4 | 2.7 | 2.8 | 3.8 | 5.5 | 4.5 | 2.9 | 2.0 |
| 62.5° | 0.0 | 1.7 | 0.7 | 2.1 | 3.4 | 3.7 | 5.2 | 6.2 | 4.7 | 3.4 | 4.1 |
| 60° | 0.0 | 1.9 | 0.9 | 2.8 | 4.1 | 4.6 | 6.5 | 6.4 | 5.0 | 4.8 | 6.0 |
| 57.5° | 0.0 | 2.1 | 1.4 | 3.5 | 4.6 | 5.4 | 6.6 | 6.6 | 5.6 | 5.9 | 6.6 |
| 55° | 0.0 | 2.2 | 2.0 | 4.2 | 5.1 | 6.1 | 6.6 | 6.6 | 6.1 | 6.6 | 6.6 |
| 52.5° | 0.0 | 2.4 | 2.5 | 4.9 | 5.5 | 6.6 | 6.6 | 6.6 | 6.5 | 6.6 | 6.6 |
| 50° | 0.0 | 2.6 | 3.0 | 5.6 | 5.8 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 7.7 |
| 47.5° | 0.0 | 2.8 | 3.4 | 6.2 | 6.1 | 6.6 | 6.6 | 6.6 | 6.6 | 6.6 | 9.2 |
| 45° | 0.0 | 3.0 | 3.9 | 6.4 | 6.4 | 6.6 | 6.6 | 6.6 | 6.8 | 8.2 | 10.9 |
| 42.5° | 0.0 | 3.2 | 4.3 | 6.6 | 6.5 | 6.6 | 6.6 | 6.8 | 7.3 | 10.1 | 14.7 |
| 40° | 0.0 | 3.4 | 4.6 | 6.6 | 6.6 | 6.6 | 6.6 | 7.4 | 8.4 | 12.2 | 18.9 |
| 37.5° | 0.0 | 3.6 | 4.9 | 6.6 | 6.6 | 6.6 | 6.6 | 8.0 | 10.8 | 15.3 | 23.3 |
| 35° | 0.0 | 3.9 | 5.2 | 6.6 | 6.6 | 6.6 | 6.6 | 8.8 | 13.2 | 19.5 | 28.6 |
| 32.5° | 0.0 | 4.1 | 5.5 | 6.6 | 6.6 | 6.6 | 6.8 | 9.8 | 15.8 | 23.6 | 35.4 |
| 30° | 0.0 | 4.3 | 5.7 | 6.6 | 6.6 | 6.6 | 7.5 | 11.1 | 18.4 | 27.5 | 42.9 |
| 27.5° | 0.0 | 4.5 | 5.9 | 6.6 | 6.6 | 6.6 | 8.2 | 13.2 | 21.4 | 31.2 | 50.9 |
| 25° | 0.0 | 4.7 | 6.1 | 6.6 | 6.6 | 6.6 | 9.0 | 15.3 | 24.5 | 36.8 | 59.5 |
| 22.5° | 0.0 | 4.9 | 6.2 | 6.6 | 6.6 | 6.7 | 9.9 | 17.5 | 27.5 | 43.4 | 69.6 |
| 20° | 0.0 | 5.1 | 6.3 | 6.6 | 6.6 | 7.2 | 10.7 | 19.6 | 30.4 | 50.2 | 79.0 |
| 17.5° | 0.0 | 5.3 | 6.4 | 6.6 | 6.6 | 7.8 | 11.9 | 21.6 | 33.0 | 57.0 | 87.5 |
| 15° | 0.0 | 5.5 | 6.5 | 6.6 | 6.6 | 8.5 | 13.3 | 23.7 | 35.5 | 63.7 | 95.2 |
| 12.5° | 0.0 | 5.7 | 6.5 | 6.6 | 6.6 | 9.3 | 14.5 | 25.7 | 38.9 | 70.2 | 102.2 |
| 10° | 0.0 | 5.9 | 6.6 | 6.6 | 6.6 | 10.1 | 15.8 | 27.5 | 43.2 | 76.3 | 108.3 |
| 7.5° | 0.0 | 6.1 | 6.6 | 6.6 | 6.6 | 10.9 | 16.9 | 29.2 | 47.5 | 81.6 | 113.7 |
| 5° | 0.0 | 6.3 | 6.6 | 6.6 | 6.6 | 11.7 | 18.0 | 30.7 | 51.8 | 86.0 | 118.4 |
| 2.5° | 0.0 | 6.4 | 6.6 | 6.6 | 6.6 | 12.5 | 19.0 | 32.0 | 55.9 | 89.7 | 122.5 |
| 0° | 0.0 | 6.6 | 6.6 | 6.6 | 6.6 | 13.3 | 19.9 | 33.1 | 59.7 | 92.8 | 125.9 |
| -2.5° | 0.0 | 6.6 | 6.6 | 6.6 | 7.2 | 14.0 | 21.6 | 35.1 | 63.1 | 95.3 | 130.2 |
| -5° | 0.0 | 6.6 | 6.6 | 6.6 | 7.8 | 14.6 | 23.2 | 36.9 | 66.0 | 97.2 | 133.7 |
| -7.5° | 0.0 | 6.5 | 6.6 | 6.6 | 8.3 | 15.2 | 24.7 | 38.6 | 68.3 | 98.7 | 136.3 |
| -10° | 0.0 | 6.5 | 6.6 | 6.6 | 8.8 | 15.7 | 26.0 | 40.0 | 70.1 | 99.7 | 138.0 |
| -12.5° | 0.0 | 6.4 | 6.6 | 6.6 | 9.2 | 16.1 | 27.1 | 41.2 | 71.1 | 100.7 | 140.6 |
| -15° | 0.0 | 6.4 | 6.6 | 6.6 | 9.6 | 16.5 | 27.9 | 42.2 | 71.4 | 102.7 | 143.0 |
| -17.5° | 0.0 | 6.3 | 6.6 | 6.6 | 9.9 | 16.8 | 28.5 | 43.2 | 70.9 | 103.8 | 144.1 |
| -20° | 0.0 | 6.2 | 6.6 | 6.6 | 10.1 | 17.0 | 28.8 | 44.1 | 69.9 | 103.7 | 143.8 |

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Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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 | 6.1 | 6.6 | 6.6 | 10.2 | 17.2 | 29.2 | 44.7 | 68.3 | 102.5 | 142.2 |
| -25° | 0.0 | 6.0 | 6.6 | 6.6 | 10.2 | 17.6 | 29.4 | 44.9 | 66.2 | 100.1 | 139.1 |
| -27.5° | 0.0 | 5.9 | 6.6 | 6.6 | 10.0 | 18.0 | 29.4 | 44.7 | 63.6 | 96.8 | 136.1 |
| -30° | 0.0 | 5.7 | 6.6 | 6.6 | 9.7 | 18.3 | 29.3 | 44.2 | 62.2 | 93.2 | 131.6 |
| -32.5° | 0.0 | 5.6 | 6.6 | 6.6 | 9.7 | 18.5 | 28.9 | 43.7 | 61.4 | 89.0 | 125.3 |
| -35° | 0.0 | 5.4 | 6.6 | 6.6 | 9.6 | 18.4 | 28.9 | 43.1 | 60.2 | 84.3 | 117.3 |
| -37.5° | 0.0 | 5.2 | 6.6 | 6.6 | 9.3 | 18.2 | 28.7 | 42.3 | 58.4 | 79.0 | 112.8 |
| -40° | 0.0 | 5.1 | 6.6 | 6.6 | 9.0 | 17.9 | 28.4 | 41.4 | 56.2 | 75.6 | 108.6 |
| -42.5° | 0.0 | 4.9 | 6.6 | 6.7 | 8.9 | 17.3 | 27.8 | 40.2 | 54.5 | 74.1 | 103.5 |
| -45° | 0.0 | 4.7 | 6.6 | 6.8 | 9.2 | 16.6 | 26.9 | 38.9 | 52.8 | 71.9 | 97.8 |
| -47.5° | 0.0 | 4.5 | 6.6 | 7.0 | 9.3 | 15.7 | 25.8 | 37.6 | 51.0 | 68.8 | 94.1 |
| -50° | 0.0 | 4.2 | 6.6 | 7.1 | 9.4 | 14.7 | 24.5 | 35.9 | 49.1 | 66.2 | 89.2 |
| -52.5° | 0.0 | 4.0 | 6.6 | 7.1 | 9.4 | 13.5 | 23.0 | 34.0 | 46.6 | 62.5 | 83.4 |
| -55° | 0.0 | 3.8 | 6.6 | 7.2 | 9.4 | 13.1 | 21.2 | 31.7 | 43.8 | 57.8 | 77.4 |
| -57.5° | 0.0 | 3.5 | 6.6 | 7.1 | 9.2 | 12.8 | 19.2 | 29.2 | 40.7 | 53.6 | 70.1 |
| -60° | 0.0 | 3.3 | 6.6 | 7.1 | 9.0 | 12.4 | 17.2 | 26.4 | 37.2 | 49.3 | 62.8 |
| -62.5° | 0.0 | 3.0 | 6.1 | 7.0 | 8.8 | 11.9 | 16.3 | 23.3 | 33.3 | 44.6 | 57.1 |
| -65° | 0.0 | 2.8 | 5.6 | 6.9 | 8.5 | 11.3 | 15.3 | 20.6 | 29.2 | 39.5 | 51.0 |
| -67.5° | 0.0 | 2.5 | 5.0 | 6.8 | 8.1 | 10.6 | 14.2 | 18.9 | 24.8 | 34.1 | 44.4 |
| -70° | 0.0 | 2.3 | 4.5 | 6.6 | 7.7 | 9.8 | 12.9 | 17.0 | 22.2 | 28.3 | 37.5 |
| -72.5° | 0.0 | 2.0 | 4.0 | 5.9 | 7.2 | 8.9 | 11.5 | 15.0 | 19.4 | 24.7 | 30.8 |
| -75° | 0.0 | 1.7 | 3.4 | 5.1 | 6.7 | 8.0 | 10.0 | 13.1 | 16.5 | 20.8 | 25.9 |
| -77.5° | 0.0 | 1.4 | 2.9 | 4.3 | 5.7 | 7.0 | 8.4 | 11.3 | 14.3 | 17.3 | 20.8 |
| -80° | 0.0 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 6.8 | 9.4 | 12.2 | 14.9 | 17.6 |
| -82.5° | 0.0 | 0.9 | 1.7 | 2.6 | 3.4 | 4.3 | 5.1 | 7.4 | 10.0 | 12.5 | 14.9 |
| -85° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 2.9 | 3.4 | 4.9 | 6.8 | 8.8 | 11.2 |
| -87.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.5 | 3.4 | 4.4 | 5.6 |
| -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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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 | 0.6 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.4 | 1.9 | 2.2 | 1.4 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 |
| 65° | 3.2 | 4.3 | 3.3 | 1.7 | 0.1 | 1.6 | 2.2 | 1.8 | 0.2 | 0.0 | 0.0 |
| 62.5° | 6.1 | 5.2 | 3.6 | 2.7 | 3.7 | 5.0 | 3.9 | 2.3 | 0.6 | 3.2 | 4.6 |
| 60° | 6.6 | 5.6 | 4.6 | 5.2 | 6.7 | 5.9 | 4.3 | 6.5 | 9.7 | 12.3 | 14.8 |
| 57.5° | 6.6 | 6.1 | 6.0 | 7.1 | 7.5 | 7.5 | 11.7 | 15.6 | 22.0 | 27.3 | 31.0 |
| 55° | 6.8 | 6.5 | 7.5 | 9.0 | 11.2 | 15.8 | 21.7 | 30.5 | 37.6 | 48.5 | 57.9 |
| 52.5° | 7.5 | 7.5 | 10.1 | 13.6 | 20.0 | 27.4 | 37.7 | 50.2 | 64.4 | 75.0 | 86.3 |
| 50° | 8.6 | 11.1 | 14.2 | 22.7 | 31.6 | 43.1 | 60.0 | 78.3 | 90.2 | 102.3 | 118.4 |
| 47.5° | 11.8 | 15.0 | 23.3 | 33.2 | 46.1 | 64.4 | 87.7 | 100.8 | 112.7 | 131.5 | 151.6 |
| 45° | 15.9 | 22.6 | 32.7 | 46.5 | 64.3 | 89.9 | 108.2 | 119.0 | 139.4 | 161.2 | 184.1 |
| 42.5° | 20.3 | 31.1 | 45.0 | 59.6 | 87.5 | 111.8 | 128.4 | 145.5 | 166.1 | 191.6 | 216.4 |
| 40° | 27.6 | 39.5 | 58.5 | 81.3 | 109.6 | 133.4 | 154.2 | 173.8 | 194.1 | 227.4 | 253.9 |
| 37.5° | 34.9 | 52.4 | 73.8 | 102.1 | 131.6 | 157.6 | 180.7 | 205.4 | 234.4 | 271.9 | 295.7 |
| 35° | 42.1 | 65.8 | 91.9 | 122.0 | 153.3 | 182.7 | 210.6 | 239.4 | 276.9 | 312.5 | 340.9 |
| 32.5° | 52.1 | 79.4 | 108.8 | 141.3 | 173.6 | 206.8 | 240.7 | 275.1 | 312.1 | 348.4 | 385.7 |
| 30° | 64.7 | 93.9 | 124.9 | 159.8 | 192.2 | 230.7 | 270.0 | 306.4 | 343.6 | 381.9 | 424.1 |
| 27.5° | 77.4 | 107.5 | 141.0 | 176.2 | 210.2 | 254.2 | 296.5 | 334.5 | 372.7 | 414.0 | 462.0 |
| 25° | 89.1 | 121.2 | 156.2 | 190.9 | 230.9 | 278.0 | 324.3 | 368.3 | 400.7 | 447.6 | 503.7 |
| 22.5° | 100.3 | 134.6 | 172.2 | 204.1 | 250.8 | 302.0 | 355.9 | 403.3 | 441.6 | 483.4 | 547.1 |
| 20° | 111.5 | 148.3 | 187.2 | 223.0 | 270.8 | 325.8 | 389.8 | 438.6 | 486.1 | 540.1 | 605.1 |
| 17.5° | 122.1 | 161.2 | 202.0 | 244.4 | 294.9 | 351.9 | 424.5 | 474.3 | 531.0 | 595.7 | 677.6 |
| 15° | 132.2 | 173.1 | 216.8 | 264.5 | 316.7 | 378.0 | 448.1 | 510.2 | 578.0 | 652.7 | 749.5 |
| 12.5° | 141.5 | 184.0 | 231.4 | 283.0 | 335.8 | 400.5 | 467.8 | 533.8 | 611.9 | 709.6 | 831.4 |
| 10° | 150.2 | 193.8 | 245.5 | 300.1 | 352.5 | 419.5 | 485.3 | 553.9 | 636.3 | 743.6 | 883.1 |
| 7.5° | 157.3 | 203.7 | 259.0 | 315.4 | 366.8 | 435.2 | 500.3 | 570.5 | 656.8 | 771.7 | 917.8 |
| 5° | 163.3 | 214.1 | 271.4 | 325.4 | 378.8 | 448.6 | 512.9 | 583.6 | 673.0 | 793.7 | 942.6 |
| 2.5° | 168.3 | 223.7 | 282.3 | 332.6 | 389.1 | 460.9 | 523.0 | 598.2 | 689.5 | 810.8 | 965.9 |
| 0° | 172.3 | 232.0 | 291.6 | 338.0 | 397.7 | 470.6 | 530.3 | 609.8 | 702.6 | 821.9 | 987.6 |
| -2.5° | 180.4 | 238.9 | 297.1 | 344.3 | 406.8 | 472.2 | 535.1 | 611.4 | 707.6 | 830.5 | 991.7 |
| -5° | 187.1 | 244.5 | 301.2 | 349.1 | 413.6 | 472.0 | 537.1 | 610.0 | 709.3 | 835.5 | 998.9 |
| -7.5° | 192.3 | 248.7 | 303.9 | 352.8 | 417.3 | 474.2 | 540.1 | 614.8 | 714.4 | 840.0 | 1008.3 |
| -10° | 195.7 | 251.8 | 306.1 | 357.5 | 418.2 | 476.4 | 541.2 | 615.8 | 713.5 | 837.1 | 1003.1 |
| -12.5° | 197.5 | 253.6 | 307.1 | 360.1 | 418.0 | 476.2 | 539.7 | 613.0 | 706.2 | 826.6 | 982.6 |
| -15° | 198.0 | 254.3 | 307.0 | 360.4 | 417.0 | 473.4 | 535.4 | 606.0 | 693.1 | 808.8 | 950.5 |
| -17.5° | 197.4 | 253.9 | 305.7 | 358.2 | 415.5 | 468.0 | 528.8 | 596.6 | 679.8 | 787.9 | 924.3 |
| -20° | 195.7 | 252.5 | 303.4 | 353.4 | 413.3 | 462.9 | 522.2 | 587.7 | 665.9 | 764.0 | 885.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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° | 192.9 | 250.2 | 300.1 | 348.6 | 406.0 | 458.2 | 513.7 | 576.1 | 646.1 | 734.8 | 843.1 |
| -25° | 189.7 | 245.5 | 295.9 | 344.9 | 397.6 | 451.1 | 502.8 | 562.2 | 626.5 | 711.7 | 809.2 |
| -27.5° | 185.5 | 239.8 | 290.1 | 339.7 | 388.7 | 441.4 | 491.9 | 548.0 | 611.7 | 686.8 | 774.0 |
| -30° | 179.4 | 231.7 | 282.1 | 332.6 | 381.0 | 430.4 | 479.3 | 532.7 | 592.7 | 663.6 | 744.0 |
| -32.5° | 171.7 | 222.7 | 272.0 | 322.0 | 372.3 | 419.4 | 465.4 | 516.8 | 573.1 | 635.3 | 711.8 |
| -35° | 163.8 | 213.0 | 261.1 | 308.7 | 361.7 | 407.2 | 451.5 | 498.6 | 551.0 | 608.8 | 671.1 |
| -37.5° | 156.4 | 202.6 | 249.5 | 294.4 | 344.6 | 392.0 | 435.1 | 479.8 | 528.3 | 581.3 | 637.9 |
| -40° | 148.5 | 191.5 | 237.2 | 281.0 | 325.0 | 373.4 | 416.4 | 459.6 | 504.4 | 557.5 | 607.9 |
| -42.5° | 140.3 | 182.1 | 224.4 | 267.3 | 309.3 | 352.6 | 395.6 | 437.0 | 484.2 | 534.5 | 583.9 |
| -45° | 133.4 | 172.2 | 211.5 | 253.2 | 294.7 | 333.7 | 374.0 | 412.8 | 460.7 | 511.0 | 559.3 |
| -47.5° | 125.4 | 162.2 | 200.2 | 238.0 | 278.7 | 317.7 | 354.0 | 393.1 | 434.0 | 481.4 | 532.1 |
| -50° | 117.0 | 151.9 | 187.1 | 222.6 | 261.2 | 300.2 | 337.0 | 373.1 | 411.6 | 450.6 | 494.4 |
| -52.5° | 110.0 | 140.4 | 173.0 | 205.7 | 242.1 | 280.3 | 317.4 | 353.6 | 389.0 | 425.7 | 463.0 |
| -55° | 101.6 | 129.5 | 158.2 | 188.8 | 220.8 | 257.3 | 294.1 | 329.4 | 365.6 | 399.9 | 436.4 |
| -57.5° | 92.3 | 117.3 | 143.5 | 172.2 | 201.2 | 231.3 | 266.9 | 302.0 | 336.0 | 370.7 | 408.4 |
| -60° | 81.7 | 104.1 | 127.9 | 154.3 | 182.6 | 210.1 | 239.0 | 271.6 | 304.4 | 337.3 | 372.1 |
| -62.5° | 70.8 | 90.3 | 111.7 | 134.8 | 160.8 | 187.8 | 214.2 | 241.9 | 271.5 | 300.0 | 330.2 |
| -65° | 63.6 | 77.2 | 95.3 | 115.8 | 137.1 | 161.3 | 186.3 | 211.9 | 237.9 | 262.2 | 285.4 |
| -67.5° | 55.8 | 68.2 | 81.5 | 96.6 | 116.0 | 136.3 | 156.3 | 179.2 | 202.6 | 224.9 | 246.6 |
| -70° | 47.6 | 58.6 | 70.4 | 83.0 | 96.7 | 113.4 | 132.1 | 150.4 | 168.4 | 187.1 | 207.2 |
| -72.5° | 39.0 | 48.5 | 58.7 | 69.7 | 81.4 | 94.6 | 109.0 | 124.7 | 140.6 | 156.1 | 171.8 |
| -75° | 32.0 | 38.3 | 46.7 | 55.9 | 66.1 | 76.4 | 86.8 | 99.2 | 112.7 | 126.3 | 139.6 |
| -77.5° | 26.4 | 32.1 | 37.9 | 43.6 | 50.8 | 60.3 | 69.6 | 78.7 | 88.2 | 98.4 | 109.3 |
| -80° | 21.4 | 25.9 | 31.2 | 36.4 | 41.3 | 47.1 | 53.6 | 60.8 | 67.4 | 74.2 | 81.7 |
| -82.5° | 17.9 | 21.3 | 25.0 | 29.1 | 32.0 | 35.1 | 38.5 | 42.7 | 47.1 | 51.7 | 56.4 |
| -85° | 13.7 | 16.5 | 19.0 | 21.8 | 23.1 | 24.6 | 26.3 | 28.1 | 30.9 | 33.7 | 36.4 |
| -87.5° | 6.9 | 8.3 | 9.8 | 11.4 | 12.1 | 12.8 | 13.4 | 14.1 | 15.9 | 17.8 | 19.7 |
| -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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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° | 0.4 | 0.0 | 0.0 | 0.0 | 0.1 | 1.2 | 1.6 | 1.4 | 0.6 | 0.0 | 0.0 |
| 62.5° | 3.9 | 3.2 | 5.1 | 6.9 | 7.6 | 7.3 | 6.7 | 6.0 | 5.1 | 4.7 | 5.4 |
| 60° | 15.9 | 15.6 | 21.7 | 24.7 | 22.5 | 15.9 | 25.0 | 29.5 | 28.3 | 24.2 | 24.1 |
| 57.5° | 38.9 | 47.3 | 53.3 | 56.0 | 64.8 | 79.0 | 81.7 | 77.0 | 75.3 | 76.8 | 88.8 |
| 55° | 67.4 | 74.2 | 77.7 | 89.7 | 100.4 | 108.1 | 112.7 | 117.3 | 124.1 | 132.4 | 141.0 |
| 52.5° | 95.4 | 104.6 | 111.7 | 122.5 | 135.3 | 139.7 | 138.5 | 154.9 | 167.7 | 175.9 | 179.2 |
| 50° | 130.9 | 142.5 | 159.0 | 175.9 | 183.2 | 190.3 | 197.9 | 211.3 | 230.9 | 255.3 | 269.3 |
| 47.5° | 169.3 | 187.5 | 204.8 | 224.1 | 233.8 | 241.4 | 252.7 | 276.1 | 304.1 | 330.4 | 344.1 |
| 45° | 203.8 | 220.1 | 239.9 | 256.5 | 268.6 | 283.2 | 299.5 | 320.7 | 351.9 | 379.4 | 398.4 |
| 42.5° | 231.6 | 249.9 | 270.3 | 290.4 | 302.6 | 322.3 | 347.1 | 375.9 | 408.6 | 437.2 | 458.4 |
| 40° | 270.5 | 286.0 | 318.4 | 337.5 | 342.3 | 360.8 | 410.4 | 449.7 | 486.7 | 521.9 | 539.5 |
| 37.5° | 317.5 | 347.6 | 381.3 | 398.7 | 415.8 | 448.4 | 514.7 | 578.4 | 625.5 | 673.1 | 699.1 |
| 35° | 370.8 | 410.5 | 456.4 | 476.9 | 513.6 | 584.6 | 662.5 | 751.0 | 861.3 | 907.4 | 949.4 |
| 32.5° | 422.7 | 467.1 | 509.4 | 555.5 | 619.5 | 704.4 | 792.2 | 935.7 | 1069.8 | 1173.6 | 1249.5 |
| 30° | 468.7 | 515.8 | 568.4 | 627.6 | 717.8 | 834.7 | 981.4 | 1167.2 | 1356.1 | 1521.1 | 1660.6 |
| 27.5° | 514.2 | 567.8 | 630.3 | 718.6 | 845.6 | 1004.4 | 1238.5 | 1503.5 | 1818.9 | 2051.3 | 2328.8 |
| 25° | 564.1 | 625.4 | 705.5 | 833.6 | 1005.0 | 1242.3 | 1616.6 | 2046.9 | 2564.2 | 2983.6 | 3422.5 |
| 22.5° | 623.0 | 713.6 | 815.2 | 957.9 | 1257.3 | 1648.4 | 2159.8 | 2895.3 | 3691.0 | 4426.6 | 5135.0 |
| 20° | 694.3 | 818.1 | 981.2 | 1244.1 | 1628.4 | 2206.5 | 3095.1 | 4268.9 | 5439.0 | 6685.2 | 7884.9 |
| 17.5° | 796.0 | 974.4 | 1227.8 | 1602.0 | 2108.5 | 3252.1 | 4693.9 | 6509.3 | 8841.7 | 10955.2 | 12800.7 |
| 15° | 891.5 | 1104.6 | 1504.7 | 2064.1 | 2947.6 | 4463.2 | 6653.0 | 9649.5 | 13284.4 | 16597.1 | 20096.0 |
| 12.5° | 991.6 | 1243.2 | 1702.8 | 2415.1 | 3642.6 | 5615.9 | 8693.2 | 12798.9 | 17350.4 | 22343.1 | 28030.0 |
| 10° | 1070.9 | 1376.4 | 1926.7 | 2829.8 | 4343.0 | 6800.2 | 10465.8 | 15445.1 | 21493.4 | 28882.2 | 37973.1 |
| 7.5° | 1124.4 | 1483.2 | 2111.7 | 3133.4 | 4987.7 | 8011.4 | 12424.1 | 18409.0 | 25970.4 | 35759.1 | 48479.8 |
| 5° | 1166.3 | 1564.7 | 2250.8 | 3410.3 | 5533.1 | 8936.0 | 13875.0 | 21004.5 | 29949.3 | 43064.4 | 64622.2 |
| 2.5° | 1199.9 | 1627.1 | 2336.8 | 3600.9 | 5875.4 | 9579.8 | 14848.4 | 22472.9 | 32317.8 | 48465.4 | 76433.8 |
| 0° | 1226.2 | 1683.6 | 2392.8 | 3718.5 | 6137.8 | 9644.1 | 15152.2 | 22741.6 | 33167.8 | 49440.2 | 78975.7 |
| -2.5° | 1237.4 | 1713.8 | 2412.1 | 3744.2 | 6111.5 | 9754.7 | 15245.0 | 22956.2 | 33135.9 | 48906.1 | 76136.8 |
| -5° | 1256.0 | 1713.3 | 2397.5 | 3717.9 | 5974.5 | 9468.9 | 14639.5 | 21755.1 | 31136.8 | 44699.9 | 67009.4 |
| -7.5° | 1269.4 | 1686.0 | 2328.1 | 3549.5 | 5615.8 | 8851.1 | 13575.6 | 19765.0 | 27498.4 | 37796.5 | 51613.6 |
| -10° | 1257.1 | 1633.6 | 2212.4 | 3266.8 | 5058.2 | 7860.1 | 11957.9 | 17137.8 | 23565.1 | 31196.8 | 40584.5 |
| -12.5° | 1209.8 | 1536.7 | 2023.6 | 2871.0 | 4336.0 | 6749.9 | 10330.3 | 14740.6 | 19497.8 | 24857.6 | 31344.5 |
| -15° | 1150.0 | 1432.3 | 1853.5 | 2599.5 | 3800.6 | 5649.7 | 8263.6 | 11841.4 | 15657.5 | 19727.0 | 24066.5 |
| -17.5° | 1103.5 | 1340.7 | 1689.4 | 2229.5 | 3112.9 | 4583.2 | 6637.3 | 9178.9 | 11983.3 | 15081.6 | 17653.1 |
| -20° | 1040.4 | 1227.9 | 1520.6 | 1961.7 | 2635.7 | 3609.8 | 5105.9 | 6952.3 | 8802.8 | 10981.3 | 12757.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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° | 977.3 | 1140.6 | 1363.3 | 1686.1 | 2187.6 | 2923.5 | 3847.9 | 5080.8 | 6434.0 | 7684.4 | 8915.2 |
| -25° | 918.6 | 1044.4 | 1224.6 | 1489.4 | 1829.6 | 2331.8 | 2989.7 | 3697.0 | 4589.0 | 5350.2 | 6194.8 |
| -27.5° | 871.2 | 979.2 | 1112.1 | 1306.3 | 1570.2 | 1893.3 | 2364.4 | 2838.3 | 3307.4 | 3691.5 | 4273.1 |
| -30° | 825.4 | 912.3 | 1023.5 | 1161.9 | 1359.8 | 1608.8 | 1914.6 | 2222.0 | 2492.7 | 2739.7 | 3042.5 |
| -32.5° | 780.4 | 851.1 | 936.4 | 1051.3 | 1193.3 | 1380.5 | 1568.4 | 1788.7 | 1976.9 | 2150.6 | 2311.3 |
| -35° | 735.3 | 798.2 | 863.1 | 960.1 | 1073.3 | 1206.3 | 1342.9 | 1492.2 | 1622.5 | 1739.4 | 1842.9 |
| -37.5° | 694.6 | 749.9 | 811.0 | 883.1 | 974.3 | 1074.4 | 1186.0 | 1294.4 | 1380.5 | 1456.4 | 1519.2 |
| -40° | 660.2 | 710.5 | 762.8 | 820.6 | 890.0 | 969.0 | 1063.7 | 1154.1 | 1214.4 | 1260.7 | 1298.8 |
| -42.5° | 629.5 | 673.8 | 718.3 | 767.4 | 820.7 | 889.1 | 963.9 | 1038.5 | 1079.3 | 1115.2 | 1142.8 |
| -45° | 604.8 | 638.8 | 676.3 | 718.2 | 765.4 | 822.7 | 881.5 | 933.1 | 969.4 | 1000.3 | 1023.2 |
| -47.5° | 572.3 | 605.0 | 637.5 | 672.0 | 716.1 | 763.8 | 812.4 | 852.1 | 883.8 | 910.7 | 928.2 |
| -50° | 536.4 | 570.9 | 600.6 | 631.0 | 671.5 | 712.0 | 751.1 | 783.9 | 814.1 | 840.5 | 854.3 |
| -52.5° | 499.3 | 536.3 | 567.5 | 597.2 | 631.1 | 666.4 | 701.7 | 729.8 | 756.3 | 781.1 | 791.6 |
| -55° | 472.5 | 506.6 | 538.9 | 566.7 | 594.8 | 623.0 | 651.8 | 680.9 | 707.1 | 730.7 | 737.7 |
| -57.5° | 443.7 | 478.4 | 510.2 | 535.3 | 560.6 | 586.0 | 612.4 | 638.7 | 664.0 | 686.6 | 692.3 |
| -60° | 408.5 | 446.1 | 474.4 | 498.0 | 522.6 | 547.7 | 570.7 | 594.1 | 617.7 | 637.4 | 643.8 |
| -62.5° | 363.7 | 398.0 | 425.9 | 450.8 | 474.5 | 496.4 | 518.8 | 540.6 | 561.8 | 577.4 | 582.5 |
| -65° | 310.0 | 339.1 | 367.9 | 394.0 | 417.4 | 438.5 | 459.1 | 479.1 | 498.4 | 512.1 | 518.9 |
| -67.5° | 267.7 | 288.6 | 311.7 | 334.2 | 357.7 | 379.4 | 398.0 | 415.6 | 432.1 | 443.7 | 451.0 |
| -70° | 226.8 | 246.8 | 268.4 | 289.8 | 310.3 | 327.9 | 342.8 | 357.3 | 371.3 | 381.6 | 389.3 |
| -72.5° | 187.8 | 204.7 | 222.7 | 241.6 | 260.2 | 276.2 | 289.9 | 302.8 | 314.9 | 323.7 | 330.9 |
| -75° | 152.5 | 166.4 | 181.7 | 196.9 | 212.0 | 224.7 | 236.1 | 247.3 | 258.1 | 265.9 | 272.4 |
| -77.5° | 121.0 | 132.8 | 144.7 | 156.6 | 168.6 | 177.8 | 186.1 | 194.3 | 202.3 | 208.5 | 214.1 |
| -80° | 89.6 | 98.9 | 108.4 | 117.9 | 127.4 | 134.5 | 140.8 | 146.8 | 152.4 | 156.0 | 159.3 |
| -82.5° | 61.2 | 67.7 | 74.4 | 81.1 | 87.8 | 93.0 | 98.0 | 103.0 | 107.8 | 109.5 | 110.7 |
| -85° | 39.1 | 42.3 | 45.8 | 49.5 | 53.4 | 56.2 | 58.9 | 61.5 | 64.0 | 66.3 | 68.5 |
| -87.5° | 21.7 | 22.3 | 22.9 | 23.5 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 32.3 | 32.6 |
| -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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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 | 0.6 | 1.4 |
| 62.5° | 5.9 | 6.3 | 6.5 | 6.6 | 6.5 | 6.3 | 5.9 | 5.4 | 4.7 | 5.1 | 6.0 |
| 60° | 22.7 | 20.2 | 19.7 | 19.9 | 19.7 | 20.2 | 22.7 | 24.1 | 24.2 | 28.3 | 29.5 |
| 57.5° | 100.8 | 112.1 | 115.3 | 112.7 | 115.3 | 112.1 | 100.8 | 88.8 | 76.8 | 75.3 | 77.0 |
| 55° | 146.8 | 150.3 | 152.0 | 152.5 | 152.0 | 150.3 | 146.8 | 141.0 | 132.4 | 124.1 | 117.3 |
| 52.5° | 180.0 | 178.8 | 178.6 | 179.0 | 178.6 | 178.8 | 180.0 | 179.2 | 175.9 | 167.7 | 154.9 |
| 50° | 270.4 | 265.5 | 263.5 | 265.1 | 263.5 | 265.5 | 270.4 | 269.3 | 255.3 | 230.9 | 211.3 |
| 47.5° | 345.7 | 347.2 | 349.6 | 351.3 | 349.6 | 347.2 | 345.7 | 344.1 | 330.4 | 304.1 | 276.1 |
| 45° | 403.7 | 407.3 | 409.7 | 411.0 | 409.7 | 407.3 | 403.7 | 398.4 | 379.4 | 351.9 | 320.7 |
| 42.5° | 463.0 | 463.4 | 462.7 | 464.0 | 462.7 | 463.4 | 463.0 | 458.4 | 437.2 | 408.6 | 375.9 |
| 40° | 546.6 | 548.3 | 546.4 | 543.5 | 546.4 | 548.3 | 546.6 | 539.5 | 521.9 | 486.7 | 449.7 |
| 37.5° | 714.3 | 716.7 | 708.8 | 702.6 | 708.8 | 716.7 | 714.3 | 699.1 | 673.1 | 625.5 | 578.4 |
| 35° | 987.8 | 1016.1 | 1029.6 | 1034.0 | 1029.6 | 1016.1 | 987.8 | 949.4 | 907.4 | 861.3 | 751.0 |
| 32.5° | 1301.9 | 1341.4 | 1361.2 | 1378.7 | 1361.2 | 1341.4 | 1301.9 | 1249.5 | 1173.6 | 1069.8 | 935.7 |
| 30° | 1752.1 | 1824.8 | 1856.8 | 1902.3 | 1856.8 | 1824.8 | 1752.1 | 1660.6 | 1521.1 | 1356.1 | 1167.2 |
| 27.5° | 2486.4 | 2614.3 | 2685.0 | 2750.7 | 2685.0 | 2614.3 | 2486.4 | 2328.8 | 2051.3 | 1818.9 | 1503.5 |
| 25° | 3741.4 | 3987.6 | 4147.0 | 4222.2 | 4147.0 | 3987.6 | 3741.4 | 3422.5 | 2983.6 | 2564.2 | 2046.9 |
| 22.5° | 5820.5 | 6274.4 | 6624.4 | 6694.5 | 6624.4 | 6274.4 | 5820.5 | 5135.0 | 4426.6 | 3691.0 | 2895.3 |
| 20° | 9048.8 | 9698.2 | 10226.5 | 10492.5 | 10226.5 | 9698.2 | 9048.8 | 7884.9 | 6685.2 | 5439.0 | 4268.9 |
| 17.5° | 14998.7 | 16349.4 | 16966.5 | 17067.8 | 16966.5 | 16349.4 | 14998.7 | 12800.7 | 10955.2 | 8841.7 | 6509.3 |
| 15° | 23850.3 | 26136.0 | 27587.1 | 28521.4 | 27587.1 | 26136.0 | 23850.3 | 20096.0 | 16597.1 | 13284.4 | 9649.5 |
| 12.5° | 33949.8 | 40444.7 | 44140.4 | 45549.4 | 44140.4 | 40444.7 | 33949.8 | 28030.0 | 22343.1 | 17350.4 | 12798.9 |
| 10° | 47657.1 | 62947.0 | 71766.9 | 76205.1 | 71766.9 | 62947.0 | 47657.1 | 37973.1 | 28882.2 | 21493.4 | 15445.1 |
| 7.5° | 70921.6 | 94537.0 | 120702.1 | 132807.2 | 120702.1 | 94537.0 | 70921.6 | 48479.8 | 35759.1 | 25970.4 | 18409.0 |
| 5° | 95378.1 | 147228.2 | 192737.5 | 214530.3 | 192737.5 | 147228.2 | 95378.1 | 64622.2 | 43064.4 | 29949.3 | 21004.5 |
| 2.5° | 123487.0 | 193411.8 | 258062.9 | 285247.3 | 258062.9 | 193411.8 | 123487.0 | 76433.8 | 48465.4 | 32317.8 | 22472.9 |
| 0° | 134305.2 | 215756.5 | 286463.5 | 313145.6 | 286463.5 | 215756.5 | 134305.2 | 78975.7 | 49440.2 | 33167.8 | 22741.6 |
| -2.5° | 125159.4 | 196799.4 | 259173.7 | 289661.6 | 259173.7 | 196799.4 | 125159.4 | 76136.8 | 48906.1 | 33135.9 | 22956.2 |
| -5° | 99445.6 | 148039.7 | 194233.8 | 219077.3 | 194233.8 | 148039.7 | 99445.6 | 67009.4 | 44699.9 | 31136.8 | 21755.1 |
| -7.5° | 72986.9 | 99441.0 | 125095.6 | 134066.6 | 125095.6 | 99441.0 | 72986.9 | 51613.6 | 37796.5 | 27498.4 | 19765.0 |
| -10° | 50815.0 | 65963.5 | 75963.1 | 78816.7 | 75963.1 | 65963.5 | 50815.0 | 40584.5 | 31196.8 | 23565.1 | 17137.8 |
| -12.5° | 37674.1 | 44300.1 | 48910.3 | 49712.0 | 48910.3 | 44300.1 | 37674.1 | 31344.5 | 24857.6 | 19497.8 | 14740.6 |
| -15° | 27896.8 | 31266.3 | 33644.1 | 33804.1 | 33644.1 | 31266.3 | 27896.8 | 24066.5 | 19727.0 | 15657.5 | 11841.4 |
| -17.5° | 20392.7 | 22654.4 | 23854.4 | 23768.9 | 23854.4 | 22654.4 | 20392.7 | 17653.1 | 15081.6 | 11983.3 | 9178.9 |
| -20° | 14581.9 | 15945.3 | 16912.1 | 16723.1 | 16912.1 | 15945.3 | 14581.9 | 12757.7 | 10981.3 | 8802.8 | 6952.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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° | 10167.5 | 11072.6 | 11639.2 | 11493.4 | 11639.2 | 11072.6 | 10167.5 | 8915.2 | 7684.4 | 6434.0 | 5080.8 |
| -25° | 6908.7 | 7401.8 | 7682.4 | 7635.8 | 7682.4 | 7401.8 | 6908.7 | 6194.8 | 5350.2 | 4589.0 | 3697.0 |
| -27.5° | 4707.9 | 4968.4 | 5055.3 | 5050.7 | 5055.3 | 4968.4 | 4707.9 | 4273.1 | 3691.5 | 3307.4 | 2838.3 |
| -30° | 3267.6 | 3442.7 | 3542.9 | 3479.8 | 3542.9 | 3442.7 | 3267.6 | 3042.5 | 2739.7 | 2492.7 | 2222.0 |
| -32.5° | 2435.4 | 2534.2 | 2591.3 | 2532.0 | 2591.3 | 2534.2 | 2435.4 | 2311.3 | 2150.6 | 1976.9 | 1788.7 |
| -35° | 1919.4 | 1969.3 | 1989.4 | 1955.3 | 1989.4 | 1969.3 | 1919.4 | 1842.9 | 1739.4 | 1622.5 | 1492.2 |
| -37.5° | 1564.8 | 1594.1 | 1604.0 | 1584.2 | 1604.0 | 1594.1 | 1564.8 | 1519.2 | 1456.4 | 1380.5 | 1294.4 |
| -40° | 1326.0 | 1343.9 | 1348.3 | 1332.3 | 1348.3 | 1343.9 | 1326.0 | 1298.8 | 1260.7 | 1214.4 | 1154.1 |
| -42.5° | 1160.2 | 1170.9 | 1173.4 | 1166.6 | 1173.4 | 1170.9 | 1160.2 | 1142.8 | 1115.2 | 1079.3 | 1038.5 |
| -45° | 1036.9 | 1046.0 | 1047.7 | 1040.6 | 1047.7 | 1046.0 | 1036.9 | 1023.2 | 1000.3 | 969.4 | 933.1 |
| -47.5° | 937.0 | 942.6 | 944.1 | 941.2 | 944.1 | 942.6 | 937.0 | 928.2 | 910.7 | 883.8 | 852.1 |
| -50° | 860.6 | 864.5 | 864.8 | 861.7 | 864.8 | 864.5 | 860.6 | 854.3 | 840.5 | 814.1 | 783.9 |
| -52.5° | 796.5 | 799.3 | 801.1 | 802.0 | 801.1 | 799.3 | 796.5 | 791.6 | 781.1 | 756.3 | 729.8 |
| -55° | 742.6 | 746.2 | 748.3 | 749.0 | 748.3 | 746.2 | 742.6 | 737.7 | 730.7 | 707.1 | 680.9 |
| -57.5° | 696.8 | 700.0 | 702.0 | 702.6 | 702.0 | 700.0 | 696.8 | 692.3 | 686.6 | 664.0 | 638.7 |
| -60° | 649.0 | 652.9 | 655.4 | 656.2 | 655.4 | 652.9 | 649.0 | 643.8 | 637.4 | 617.7 | 594.1 |
| -62.5° | 585.9 | 587.6 | 589.2 | 589.9 | 589.2 | 587.6 | 585.9 | 582.5 | 577.4 | 561.8 | 540.6 |
| -65° | 524.0 | 527.6 | 529.7 | 530.3 | 529.7 | 527.6 | 524.0 | 518.9 | 512.1 | 498.4 | 479.1 |
| -67.5° | 456.9 | 461.6 | 466.5 | 470.6 | 466.5 | 461.6 | 456.9 | 451.0 | 443.7 | 432.1 | 415.6 |
| -70° | 396.1 | 402.0 | 403.9 | 404.3 | 403.9 | 402.0 | 396.1 | 389.3 | 381.6 | 371.3 | 357.3 |
| -72.5° | 337.2 | 342.7 | 347.4 | 351.3 | 347.4 | 342.7 | 337.2 | 330.9 | 323.7 | 314.9 | 302.8 |
| -75° | 278.2 | 283.4 | 284.7 | 285.0 | 284.7 | 283.4 | 278.2 | 272.4 | 265.9 | 258.1 | 247.3 |
| -77.5° | 219.3 | 224.1 | 225.1 | 225.4 | 225.1 | 224.1 | 219.3 | 214.1 | 208.5 | 202.3 | 194.3 |
| -80° | 162.2 | 164.8 | 168.7 | 172.3 | 168.7 | 164.8 | 162.2 | 159.3 | 156.0 | 152.4 | 146.8 |
| -82.5° | 111.6 | 112.2 | 112.6 | 112.7 | 112.6 | 112.2 | 111.6 | 110.7 | 109.5 | 107.8 | 103.0 |
| -85° | 70.6 | 72.6 | 72.8 | 72.9 | 72.8 | 72.6 | 70.6 | 68.5 | 66.3 | 64.0 | 61.5 |
| -87.5° | 32.8 | 33.0 | 33.1 | 33.1 | 33.1 | 33.0 | 32.8 | 32.6 | 32.3 | 32.0 | 30.0 |
| -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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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 | 0.4 |
| 65° | 1.6 | 1.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.2 | 1.8 |
| 62.5° | 6.7 | 7.3 | 7.6 | 6.9 | 5.1 | 3.2 | 3.9 | 4.6 | 3.2 | 0.6 | 2.3 |
| 60° | 25.0 | 15.9 | 22.5 | 24.7 | 21.7 | 15.6 | 15.9 | 14.8 | 12.3 | 9.7 | 6.5 |
| 57.5° | 81.7 | 79.0 | 64.8 | 56.0 | 53.3 | 47.3 | 38.9 | 31.0 | 27.3 | 22.0 | 15.6 |
| 55° | 112.7 | 108.1 | 100.4 | 89.7 | 77.7 | 74.2 | 67.4 | 57.9 | 48.5 | 37.6 | 30.5 |
| 52.5° | 138.5 | 139.7 | 135.3 | 122.5 | 111.7 | 104.6 | 95.4 | 86.3 | 75.0 | 64.4 | 50.2 |
| 50° | 197.9 | 190.3 | 183.2 | 175.9 | 159.0 | 142.5 | 130.9 | 118.4 | 102.3 | 90.2 | 78.3 |
| 47.5° | 252.7 | 241.4 | 233.8 | 224.1 | 204.8 | 187.5 | 169.3 | 151.6 | 131.5 | 112.7 | 100.8 |
| 45° | 299.5 | 283.2 | 268.6 | 256.5 | 239.9 | 220.1 | 203.8 | 184.1 | 161.2 | 139.4 | 119.0 |
| 42.5° | 347.1 | 322.3 | 302.6 | 290.4 | 270.3 | 249.9 | 231.6 | 216.4 | 191.6 | 166.1 | 145.5 |
| 40° | 410.4 | 360.8 | 342.3 | 337.5 | 318.4 | 286.0 | 270.5 | 253.9 | 227.4 | 194.1 | 173.8 |
| 37.5° | 514.7 | 448.4 | 415.8 | 398.7 | 381.3 | 347.6 | 317.5 | 295.7 | 271.9 | 234.4 | 205.4 |
| 35° | 662.5 | 584.6 | 513.6 | 476.9 | 456.4 | 410.5 | 370.8 | 340.9 | 312.5 | 276.9 | 239.4 |
| 32.5° | 792.2 | 704.4 | 619.5 | 555.5 | 509.4 | 467.1 | 422.7 | 385.7 | 348.4 | 312.1 | 275.1 |
| 30° | 981.4 | 834.7 | 717.8 | 627.6 | 568.4 | 515.8 | 468.7 | 424.1 | 381.9 | 343.6 | 306.4 |
| 27.5° | 1238.5 | 1004.4 | 845.6 | 718.6 | 630.3 | 567.8 | 514.2 | 462.0 | 414.0 | 372.7 | 334.5 |
| 25° | 1616.6 | 1242.3 | 1005.0 | 833.6 | 705.5 | 625.4 | 564.1 | 503.7 | 447.6 | 400.7 | 368.3 |
| 22.5° | 2159.8 | 1648.4 | 1257.3 | 957.9 | 815.2 | 713.6 | 623.0 | 547.1 | 483.4 | 441.6 | 403.3 |
| 20° | 3095.1 | 2206.5 | 1628.4 | 1244.1 | 981.2 | 818.1 | 694.3 | 605.1 | 540.1 | 486.1 | 438.6 |
| 17.5° | 4693.9 | 3252.1 | 2108.5 | 1602.0 | 1227.8 | 974.4 | 796.0 | 677.6 | 595.7 | 531.0 | 474.3 |
| 15° | 6653.0 | 4463.2 | 2947.6 | 2064.1 | 1504.7 | 1104.6 | 891.5 | 749.5 | 652.7 | 578.0 | 510.2 |
| 12.5° | 8693.2 | 5615.9 | 3642.6 | 2415.1 | 1702.8 | 1243.2 | 991.6 | 831.4 | 709.6 | 611.9 | 533.8 |
| 10° | 10465.8 | 6800.2 | 4343.0 | 2829.8 | 1926.7 | 1376.4 | 1070.9 | 883.1 | 743.6 | 636.3 | 553.9 |
| 7.5° | 12424.1 | 8011.4 | 4987.7 | 3133.4 | 2111.7 | 1483.2 | 1124.4 | 917.8 | 771.7 | 656.8 | 570.5 |
| 5° | 13875.0 | 8936.0 | 5533.1 | 3410.3 | 2250.8 | 1564.7 | 1166.3 | 942.6 | 793.7 | 673.0 | 583.6 |
| 2.5° | 14848.4 | 9579.8 | 5875.4 | 3600.9 | 2336.8 | 1627.1 | 1199.9 | 965.9 | 810.8 | 689.5 | 598.2 |
| 0° | 15152.2 | 9644.1 | 6137.8 | 3718.5 | 2392.8 | 1683.6 | 1226.2 | 987.6 | 821.9 | 702.6 | 609.8 |
| -2.5° | 15245.0 | 9754.7 | 6111.5 | 3744.2 | 2412.1 | 1713.8 | 1237.4 | 991.7 | 830.5 | 707.6 | 611.4 |
| -5° | 14639.5 | 9468.9 | 5974.5 | 3717.9 | 2397.5 | 1713.3 | 1256.0 | 998.9 | 835.5 | 709.3 | 610.0 |
| -7.5° | 13575.6 | 8851.1 | 5615.8 | 3549.5 | 2328.1 | 1686.0 | 1269.4 | 1008.3 | 840.0 | 714.4 | 614.8 |
| -10° | 11957.9 | 7860.1 | 5058.2 | 3266.8 | 2212.4 | 1633.6 | 1257.1 | 1003.1 | 837.1 | 713.5 | 615.8 |
| -12.5° | 10330.3 | 6749.9 | 4336.0 | 2871.0 | 2023.6 | 1536.7 | 1209.8 | 982.6 | 826.6 | 706.2 | 613.0 |
| -15° | 8263.6 | 5649.7 | 3800.6 | 2599.5 | 1853.5 | 1432.3 | 1150.0 | 950.5 | 808.8 | 693.1 | 606.0 |
| -17.5° | 6637.3 | 4583.2 | 3112.9 | 2229.5 | 1689.4 | 1340.7 | 1103.5 | 924.3 | 787.9 | 679.8 | 596.6 |
| -20° | 5105.9 | 3609.8 | 2635.7 | 1961.7 | 1520.6 | 1227.9 | 1040.4 | 885.9 | 764.0 | 665.9 | 587.7 |



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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° | 3847.9 | 2923.5 | 2187.6 | 1686.1 | 1363.3 | 1140.6 | 977.3 | 843.1 | 734.8 | 646.1 | 576.1 |
| -25° | 2989.7 | 2331.8 | 1829.6 | 1489.4 | 1224.6 | 1044.4 | 918.6 | 809.2 | 711.7 | 626.5 | 562.2 |
| -27.5° | 2364.4 | 1893.3 | 1570.2 | 1306.3 | 1112.1 | 979.2 | 871.2 | 774.0 | 686.8 | 611.7 | 548.0 |
| -30° | 1914.6 | 1608.8 | 1359.8 | 1161.9 | 1023.5 | 912.3 | 825.4 | 744.0 | 663.6 | 592.7 | 532.7 |
| -32.5° | 1568.4 | 1380.5 | 1193.3 | 1051.3 | 936.4 | 851.1 | 780.4 | 711.8 | 635.3 | 573.1 | 516.8 |
| -35° | 1342.9 | 1206.3 | 1073.3 | 960.1 | 863.1 | 798.2 | 735.3 | 671.1 | 608.8 | 551.0 | 498.6 |
| -37.5° | 1186.0 | 1074.4 | 974.3 | 883.1 | 811.0 | 749.9 | 694.6 | 637.9 | 581.3 | 528.3 | 479.8 |
| -40° | 1063.7 | 969.0 | 890.0 | 820.6 | 762.8 | 710.5 | 660.2 | 607.9 | 557.5 | 504.4 | 459.6 |
| -42.5° | 963.9 | 889.1 | 820.7 | 767.4 | 718.3 | 673.8 | 629.5 | 583.9 | 534.5 | 484.2 | 437.0 |
| -45° | 881.5 | 822.7 | 765.4 | 718.2 | 676.3 | 638.8 | 604.8 | 559.3 | 511.0 | 460.7 | 412.8 |
| -47.5° | 812.4 | 763.8 | 716.1 | 672.0 | 637.5 | 605.0 | 572.3 | 532.1 | 481.4 | 434.0 | 393.1 |
| -50° | 751.1 | 712.0 | 671.5 | 631.0 | 600.6 | 570.9 | 536.4 | 494.4 | 450.6 | 411.6 | 373.1 |
| -52.5° | 701.7 | 666.4 | 631.1 | 597.2 | 567.5 | 536.3 | 499.3 | 463.0 | 425.7 | 389.0 | 353.6 |
| -55° | 651.8 | 623.0 | 594.8 | 566.7 | 538.9 | 506.6 | 472.5 | 436.4 | 399.9 | 365.6 | 329.4 |
| -57.5° | 612.4 | 586.0 | 560.6 | 535.3 | 510.2 | 478.4 | 443.7 | 408.4 | 370.7 | 336.0 | 302.0 |
| -60° | 570.7 | 547.7 | 522.6 | 498.0 | 474.4 | 446.1 | 408.5 | 372.1 | 337.3 | 304.4 | 271.6 |
| -62.5° | 518.8 | 496.4 | 474.5 | 450.8 | 425.9 | 398.0 | 363.7 | 330.2 | 300.0 | 271.5 | 241.9 |
| -65° | 459.1 | 438.5 | 417.4 | 394.0 | 367.9 | 339.1 | 310.0 | 285.4 | 262.2 | 237.9 | 211.9 |
| -67.5° | 398.0 | 379.4 | 357.7 | 334.2 | 311.7 | 288.6 | 267.7 | 246.6 | 224.9 | 202.6 | 179.2 |
| -70° | 342.8 | 327.9 | 310.3 | 289.8 | 268.4 | 246.8 | 226.8 | 207.2 | 187.1 | 168.4 | 150.4 |
| -72.5° | 289.9 | 276.2 | 260.2 | 241.6 | 222.7 | 204.7 | 187.8 | 171.8 | 156.1 | 140.6 | 124.7 |
| -75° | 236.1 | 224.7 | 212.0 | 196.9 | 181.7 | 166.4 | 152.5 | 139.6 | 126.3 | 112.7 | 99.2 |
| -77.5° | 186.1 | 177.8 | 168.6 | 156.6 | 144.7 | 132.8 | 121.0 | 109.3 | 98.4 | 88.2 | 78.7 |
| -80° | 140.8 | 134.5 | 127.4 | 117.9 | 108.4 | 98.9 | 89.6 | 81.7 | 74.2 | 67.4 | 60.8 |
| -82.5° | 98.0 | 93.0 | 87.8 | 81.1 | 74.4 | 67.7 | 61.2 | 56.4 | 51.7 | 47.1 | 42.7 |
| -85° | 58.9 | 56.2 | 53.4 | 49.5 | 45.8 | 42.3 | 39.1 | 36.4 | 33.7 | 30.9 | 28.1 |
| -87.5° | 28.0 | 26.0 | 24.0 | 23.5 | 22.9 | 22.3 | 21.7 | 19.7 | 17.8 | 15.9 | 14.1 |
| -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: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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 | 0.3 | 0.6 | 0.1 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.5 | 1.4 | 0.4 |
| 70° | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 0.9 | 2.5 | 2.8 | 2.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 1.4 | 2.2 | 1.9 | 0.4 | 1.1 | 2.7 | 4.2 | 3.7 |
| 65° | 2.2 | 1.6 | 0.1 | 1.7 | 3.3 | 4.3 | 3.2 | 2.0 | 2.9 | 4.5 | 5.5 |
| 62.5° | 3.9 | 5.0 | 3.7 | 2.7 | 3.6 | 5.2 | 6.1 | 4.1 | 3.4 | 4.7 | 6.2 |
| 60° | 4.3 | 5.9 | 6.7 | 5.2 | 4.6 | 5.6 | 6.6 | 6.0 | 4.8 | 5.0 | 6.4 |
| 57.5° | 11.7 | 7.5 | 7.5 | 7.1 | 6.0 | 6.1 | 6.6 | 6.6 | 5.9 | 5.6 | 6.6 |
| 55° | 21.7 | 15.8 | 11.2 | 9.0 | 7.5 | 6.5 | 6.8 | 6.6 | 6.6 | 6.1 | 6.6 |
| 52.5° | 37.7 | 27.4 | 20.0 | 13.6 | 10.1 | 7.5 | 7.5 | 6.6 | 6.6 | 6.5 | 6.6 |
| 50° | 60.0 | 43.1 | 31.6 | 22.7 | 14.2 | 11.1 | 8.6 | 7.7 | 6.6 | 6.6 | 6.6 |
| 47.5° | 87.7 | 64.4 | 46.1 | 33.2 | 23.3 | 15.0 | 11.8 | 9.2 | 6.6 | 6.6 | 6.6 |
| 45° | 108.2 | 89.9 | 64.3 | 46.5 | 32.7 | 22.6 | 15.9 | 10.9 | 8.2 | 6.8 | 6.6 |
| 42.5° | 128.4 | 111.8 | 87.5 | 59.6 | 45.0 | 31.1 | 20.3 | 14.7 | 10.1 | 7.3 | 6.8 |
| 40° | 154.2 | 133.4 | 109.6 | 81.3 | 58.5 | 39.5 | 27.6 | 18.9 | 12.2 | 8.4 | 7.4 |
| 37.5° | 180.7 | 157.6 | 131.6 | 102.1 | 73.8 | 52.4 | 34.9 | 23.3 | 15.3 | 10.8 | 8.0 |
| 35° | 210.6 | 182.7 | 153.3 | 122.0 | 91.9 | 65.8 | 42.1 | 28.6 | 19.5 | 13.2 | 8.8 |
| 32.5° | 240.7 | 206.8 | 173.6 | 141.3 | 108.8 | 79.4 | 52.1 | 35.4 | 23.6 | 15.8 | 9.8 |
| 30° | 270.0 | 230.7 | 192.2 | 159.8 | 124.9 | 93.9 | 64.7 | 42.9 | 27.5 | 18.4 | 11.1 |
| 27.5° | 296.5 | 254.2 | 210.2 | 176.2 | 141.0 | 107.5 | 77.4 | 50.9 | 31.2 | 21.4 | 13.2 |
| 25° | 324.3 | 278.0 | 230.9 | 190.9 | 156.2 | 121.2 | 89.1 | 59.5 | 36.8 | 24.5 | 15.3 |
| 22.5° | 355.9 | 302.0 | 250.8 | 204.1 | 172.2 | 134.6 | 100.3 | 69.6 | 43.4 | 27.5 | 17.5 |
| 20° | 389.8 | 325.8 | 270.8 | 223.0 | 187.2 | 148.3 | 111.5 | 79.0 | 50.2 | 30.4 | 19.6 |
| 17.5° | 424.5 | 351.9 | 294.9 | 244.4 | 202.0 | 161.2 | 122.1 | 87.5 | 57.0 | 33.0 | 21.6 |
| 15° | 448.1 | 378.0 | 316.7 | 264.5 | 216.8 | 173.1 | 132.2 | 95.2 | 63.7 | 35.5 | 23.7 |
| 12.5° | 467.8 | 400.5 | 335.8 | 283.0 | 231.4 | 184.0 | 141.5 | 102.2 | 70.2 | 38.9 | 25.7 |
| 10° | 485.3 | 419.5 | 352.5 | 300.1 | 245.5 | 193.8 | 150.2 | 108.3 | 76.3 | 43.2 | 27.5 |
| 7.5° | 500.3 | 435.2 | 366.8 | 315.4 | 259.0 | 203.7 | 157.3 | 113.7 | 81.6 | 47.5 | 29.2 |
| 5° | 512.9 | 448.6 | 378.8 | 325.4 | 271.4 | 214.1 | 163.3 | 118.4 | 86.0 | 51.8 | 30.7 |
| 2.5° | 523.0 | 460.9 | 389.1 | 332.6 | 282.3 | 223.7 | 168.3 | 122.5 | 89.7 | 55.9 | 32.0 |
| 0° | 530.3 | 470.6 | 397.7 | 338.0 | 291.6 | 232.0 | 172.3 | 125.9 | 92.8 | 59.7 | 33.1 |
| -2.5° | 535.1 | 472.2 | 406.8 | 344.3 | 297.1 | 238.9 | 180.4 | 130.2 | 95.3 | 63.1 | 35.1 |
| -5° | 537.1 | 472.0 | 413.6 | 349.1 | 301.2 | 244.5 | 187.1 | 133.7 | 97.2 | 66.0 | 36.9 |
| -7.5° | 540.1 | 474.2 | 417.3 | 352.8 | 303.9 | 248.7 | 192.3 | 136.3 | 98.7 | 68.3 | 38.6 |
| -10° | 541.2 | 476.4 | 418.2 | 357.5 | 306.1 | 251.8 | 195.7 | 138.0 | 99.7 | 70.1 | 40.0 |
| -12.5° | 539.7 | 476.2 | 418.0 | 360.1 | 307.1 | 253.6 | 197.5 | 140.6 | 100.7 | 71.1 | 41.2 |
| -15° | 535.4 | 473.4 | 417.0 | 360.4 | 307.0 | 254.3 | 198.0 | 143.0 | 102.7 | 71.4 | 42.2 |
| -17.5° | 528.8 | 468.0 | 415.5 | 358.2 | 305.7 | 253.9 | 197.4 | 144.1 | 103.8 | 70.9 | 43.2 |
| -20° | 522.2 | 462.9 | 413.3 | 353.4 | 303.4 | 252.5 | 195.7 | 143.8 | 103.7 | 69.9 | 44.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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° | 513.7 | 458.2 | 406.0 | 348.6 | 300.1 | 250.2 | 192.9 | 142.2 | 102.5 | 68.3 | 44.7 |
| -25° | 502.8 | 451.1 | 397.6 | 344.9 | 295.9 | 245.5 | 189.7 | 139.1 | 100.1 | 66.2 | 44.9 |
| -27.5° | 491.9 | 441.4 | 388.7 | 339.7 | 290.1 | 239.8 | 185.5 | 136.1 | 96.8 | 63.6 | 44.7 |
| -30° | 479.3 | 430.4 | 381.0 | 332.6 | 282.1 | 231.7 | 179.4 | 131.6 | 93.2 | 62.2 | 44.2 |
| -32.5° | 465.4 | 419.4 | 372.3 | 322.0 | 272.0 | 222.7 | 171.7 | 125.3 | 89.0 | 61.4 | 43.7 |
| -35° | 451.5 | 407.2 | 361.7 | 308.7 | 261.1 | 213.0 | 163.8 | 117.3 | 84.3 | 60.2 | 43.1 |
| -37.5° | 435.1 | 392.0 | 344.6 | 294.4 | 249.5 | 202.6 | 156.4 | 112.8 | 79.0 | 58.4 | 42.3 |
| -40° | 416.4 | 373.4 | 325.0 | 281.0 | 237.2 | 191.5 | 148.5 | 108.6 | 75.6 | 56.2 | 41.4 |
| -42.5° | 395.6 | 352.6 | 309.3 | 267.3 | 224.4 | 182.1 | 140.3 | 103.5 | 74.1 | 54.5 | 40.2 |
| -45° | 374.0 | 333.7 | 294.7 | 253.2 | 211.5 | 172.2 | 133.4 | 97.8 | 71.9 | 52.8 | 38.9 |
| -47.5° | 354.0 | 317.7 | 278.7 | 238.0 | 200.2 | 162.2 | 125.4 | 94.1 | 68.8 | 51.0 | 37.6 |
| -50° | 337.0 | 300.2 | 261.2 | 222.6 | 187.1 | 151.9 | 117.0 | 89.2 | 66.2 | 49.1 | 35.9 |
| -52.5° | 317.4 | 280.3 | 242.1 | 205.7 | 173.0 | 140.4 | 110.0 | 83.4 | 62.5 | 46.6 | 34.0 |
| -55° | 294.1 | 257.3 | 220.8 | 188.8 | 158.2 | 129.5 | 101.6 | 77.4 | 57.8 | 43.8 | 31.7 |
| -57.5° | 266.9 | 231.3 | 201.2 | 172.2 | 143.5 | 117.3 | 92.3 | 70.1 | 53.6 | 40.7 | 29.2 |
| -60° | 239.0 | 210.1 | 182.6 | 154.3 | 127.9 | 104.1 | 81.7 | 62.8 | 49.3 | 37.2 | 26.4 |
| -62.5° | 214.2 | 187.8 | 160.8 | 134.8 | 111.7 | 90.3 | 70.8 | 57.1 | 44.6 | 33.3 | 23.3 |
| -65° | 186.3 | 161.3 | 137.1 | 115.8 | 95.3 | 77.2 | 63.6 | 51.0 | 39.5 | 29.2 | 20.6 |
| -67.5° | 156.3 | 136.3 | 116.0 | 96.6 | 81.5 | 68.2 | 55.8 | 44.4 | 34.1 | 24.8 | 18.9 |
| -70° | 132.1 | 113.4 | 96.7 | 83.0 | 70.4 | 58.6 | 47.6 | 37.5 | 28.3 | 22.2 | 17.0 |
| -72.5° | 109.0 | 94.6 | 81.4 | 69.7 | 58.7 | 48.5 | 39.0 | 30.8 | 24.7 | 19.4 | 15.0 |
| -75° | 86.8 | 76.4 | 66.1 | 55.9 | 46.7 | 38.3 | 32.0 | 25.9 | 20.8 | 16.5 | 13.1 |
| -77.5° | 69.6 | 60.3 | 50.8 | 43.6 | 37.9 | 32.1 | 26.4 | 20.8 | 17.3 | 14.3 | 11.3 |
| -80° | 53.6 | 47.1 | 41.3 | 36.4 | 31.2 | 25.9 | 21.4 | 17.6 | 14.9 | 12.2 | 9.4 |
| -82.5° | 38.5 | 35.1 | 32.0 | 29.1 | 25.0 | 21.3 | 17.9 | 14.9 | 12.5 | 10.0 | 7.4 |
| -85° | 26.3 | 24.6 | 23.1 | 21.8 | 19.0 | 16.5 | 13.7 | 11.2 | 8.8 | 6.8 | 4.9 |
| -87.5° | 13.4 | 12.8 | 12.1 | 11.4 | 9.8 | 8.3 | 6.9 | 5.6 | 4.4 | 3.4 | 2.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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 | 0.3 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 |
| 77.5° | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.7 | 0.0 |
| 75° | 0.2 | 0.5 | 0.1 | 0.0 | 0.1 | 0.9 | 0.0 |
| 72.5° | 0.3 | 1.0 | 0.7 | 0.0 | 0.2 | 1.0 | 0.0 |
| 70° | 0.8 | 1.5 | 1.3 | 0.1 | 0.3 | 1.2 | 0.0 |
| 67.5° | 2.3 | 2.0 | 2.0 | 0.8 | 0.4 | 1.4 | 0.0 |
| 65° | 3.8 | 2.8 | 2.7 | 1.4 | 0.5 | 1.5 | 0.0 |
| 62.5° | 5.2 | 3.7 | 3.4 | 2.1 | 0.7 | 1.7 | 0.0 |
| 60° | 6.5 | 4.6 | 4.1 | 2.8 | 0.9 | 1.9 | 0.0 |
| 57.5° | 6.6 | 5.4 | 4.6 | 3.5 | 1.4 | 2.1 | 0.0 |
| 55° | 6.6 | 6.1 | 5.1 | 4.2 | 2.0 | 2.2 | 0.0 |
| 52.5° | 6.6 | 6.6 | 5.5 | 4.9 | 2.5 | 2.4 | 0.0 |
| 50° | 6.6 | 6.6 | 5.8 | 5.6 | 3.0 | 2.6 | 0.0 |
| 47.5° | 6.6 | 6.6 | 6.1 | 6.2 | 3.4 | 2.8 | 0.0 |
| 45° | 6.6 | 6.6 | 6.4 | 6.4 | 3.9 | 3.0 | 0.0 |
| 42.5° | 6.6 | 6.6 | 6.5 | 6.6 | 4.3 | 3.2 | 0.0 |
| 40° | 6.6 | 6.6 | 6.6 | 6.6 | 4.6 | 3.4 | 0.0 |
| 37.5° | 6.6 | 6.6 | 6.6 | 6.6 | 4.9 | 3.6 | 0.0 |
| 35° | 6.6 | 6.6 | 6.6 | 6.6 | 5.2 | 3.9 | 0.0 |
| 32.5° | 6.8 | 6.6 | 6.6 | 6.6 | 5.5 | 4.1 | 0.0 |
| 30° | 7.5 | 6.6 | 6.6 | 6.6 | 5.7 | 4.3 | 0.0 |
| 27.5° | 8.2 | 6.6 | 6.6 | 6.6 | 5.9 | 4.5 | 0.0 |
| 25° | 9.0 | 6.6 | 6.6 | 6.6 | 6.1 | 4.7 | 0.0 |
| 22.5° | 9.9 | 6.7 | 6.6 | 6.6 | 6.2 | 4.9 | 0.0 |
| 20° | 10.7 | 7.2 | 6.6 | 6.6 | 6.3 | 5.1 | 0.0 |
| 17.5° | 11.9 | 7.8 | 6.6 | 6.6 | 6.4 | 5.3 | 0.0 |
| 15° | 13.3 | 8.5 | 6.6 | 6.6 | 6.5 | 5.5 | 0.0 |
| 12.5° | 14.5 | 9.3 | 6.6 | 6.6 | 6.5 | 5.7 | 0.0 |
| 10° | 15.8 | 10.1 | 6.6 | 6.6 | 6.6 | 5.9 | 0.0 |
| 7.5° | 16.9 | 10.9 | 6.6 | 6.6 | 6.6 | 6.1 | 0.0 |
| 5° | 18.0 | 11.7 | 6.6 | 6.6 | 6.6 | 6.3 | 0.0 |
| 2.5° | 19.0 | 12.5 | 6.6 | 6.6 | 6.6 | 6.4 | 0.0 |
| 0° | 19.9 | 13.3 | 6.6 | 6.6 | 6.6 | 6.6 | 0.0 |
| -2.5° | 21.6 | 14.0 | 7.2 | 6.6 | 6.6 | 6.6 | 0.0 |
| -5° | 23.2 | 14.6 | 7.8 | 6.6 | 6.6 | 6.6 | 0.0 |
| -7.5° | 24.7 | 15.2 | 8.3 | 6.6 | 6.6 | 6.5 | 0.0 |
| -10° | 26.0 | 15.7 | 8.8 | 6.6 | 6.6 | 6.5 | 0.0 |
| -12.5° | 27.1 | 16.1 | 9.2 | 6.6 | 6.6 | 6.4 | 0.0 |
| -15° | 27.9 | 16.5 | 9.6 | 6.6 | 6.6 | 6.4 | 0.0 |
| -17.5° | 28.5 | 16.8 | 9.9 | 6.6 | 6.6 | 6.3 | 0.0 |
| -20° | 28.8 | 17.0 | 10.1 | 6.6 | 6.6 | 6.2 | 0.0 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627508 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 29.2 | 17.2 | 10.2 | 6.6 | 6.6 | 6.1 | 0.0 |
| -25° | 29.4 | 17.6 | 10.2 | 6.6 | 6.6 | 6.0 | 0.0 |
| -27.5° | 29.4 | 18.0 | 10.0 | 6.6 | 6.6 | 5.9 | 0.0 |
| -30° | 29.3 | 18.3 | 9.7 | 6.6 | 6.6 | 5.7 | 0.0 |
| -32.5° | 28.9 | 18.5 | 9.7 | 6.6 | 6.6 | 5.6 | 0.0 |
| -35° | 28.9 | 18.4 | 9.6 | 6.6 | 6.6 | 5.4 | 0.0 |
| -37.5° | 28.7 | 18.2 | 9.3 | 6.6 | 6.6 | 5.2 | 0.0 |
| -40° | 28.4 | 17.9 | 9.0 | 6.6 | 6.6 | 5.1 | 0.0 |
| -42.5° | 27.8 | 17.3 | 8.9 | 6.7 | 6.6 | 4.9 | 0.0 |
| -45° | 26.9 | 16.6 | 9.2 | 6.8 | 6.6 | 4.7 | 0.0 |
| -47.5° | 25.8 | 15.7 | 9.3 | 7.0 | 6.6 | 4.5 | 0.0 |
| -50° | 24.5 | 14.7 | 9.4 | 7.1 | 6.6 | 4.2 | 0.0 |
| -52.5° | 23.0 | 13.5 | 9.4 | 7.1 | 6.6 | 4.0 | 0.0 |
| -55° | 21.2 | 13.1 | 9.4 | 7.2 | 6.6 | 3.8 | 0.0 |
| -57.5° | 19.2 | 12.8 | 9.2 | 7.1 | 6.6 | 3.5 | 0.0 |
| -60° | 17.2 | 12.4 | 9.0 | 7.1 | 6.6 | 3.3 | 0.0 |
| -62.5° | 16.3 | 11.9 | 8.8 | 7.0 | 6.1 | 3.0 | 0.0 |
| -65° | 15.3 | 11.3 | 8.5 | 6.9 | 5.6 | 2.8 | 0.0 |
| -67.5° | 14.2 | 10.6 | 8.1 | 6.8 | 5.0 | 2.5 | 0.0 |
| -70° | 12.9 | 9.8 | 7.7 | 6.6 | 4.5 | 2.3 | 0.0 |
| -72.5° | 11.5 | 8.9 | 7.2 | 5.9 | 4.0 | 2.0 | 0.0 |
| -75° | 10.0 | 8.0 | 6.7 | 5.1 | 3.4 | 1.7 | 0.0 |
| -77.5° | 8.4 | 7.0 | 5.7 | 4.3 | 2.9 | 1.4 | 0.0 |
| -80° | 6.8 | 5.7 | 4.6 | 3.4 | 2.3 | 1.1 | 0.0 |
| -82.5° | 5.1 | 4.3 | 3.4 | 2.6 | 1.7 | 0.9 | 0.0 |
| -85° | 3.4 | 2.9 | 2.3 | 1.7 | 1.1 | 0.6 | 0.0 |
| -87.5° | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 | 0.3 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)