

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: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627238 (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-SA3D-750-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

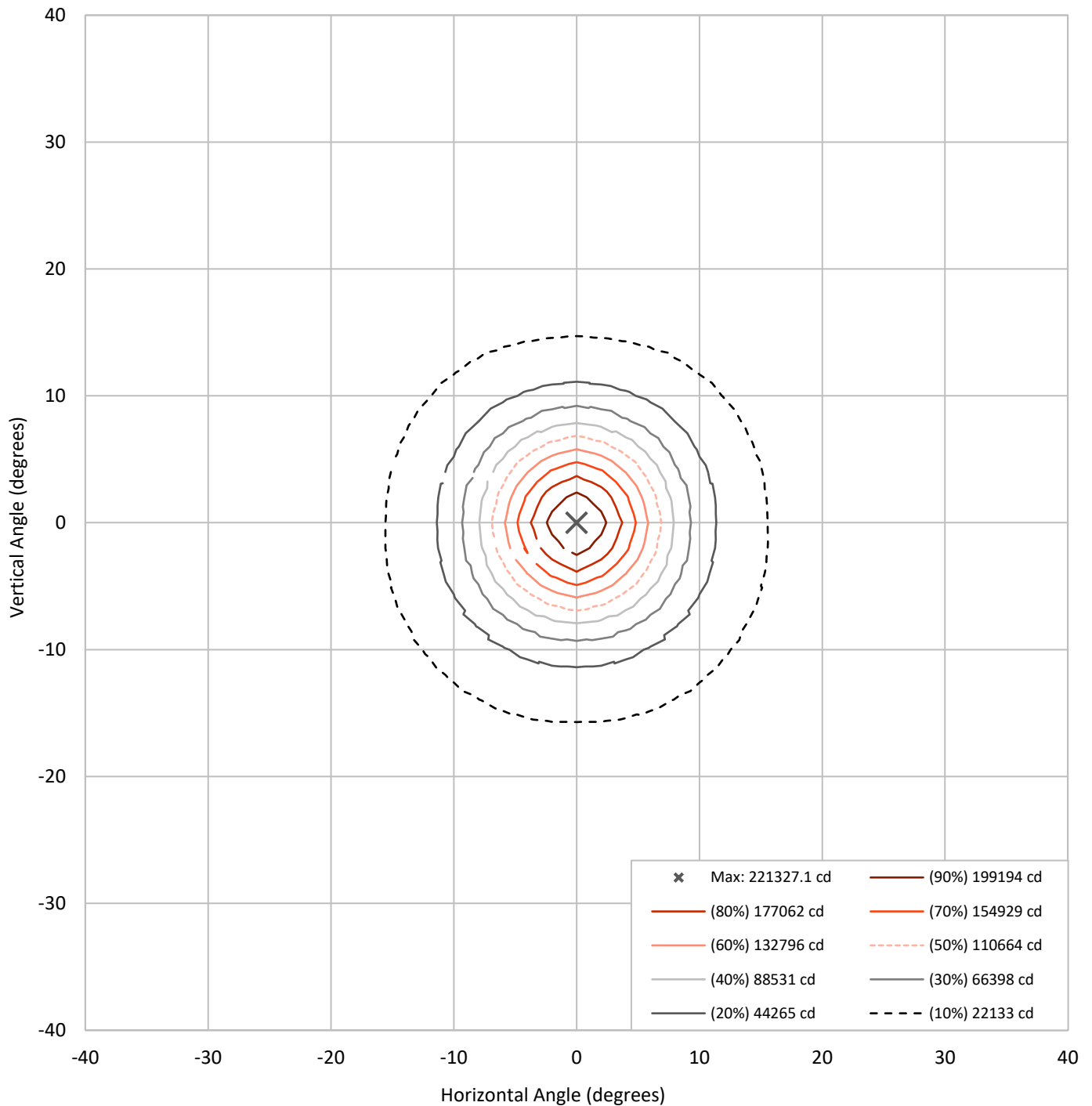
Summary

| | | | |
|-----------------------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 21834.4 lumens | Max Intensity: | 221327.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 136.3 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' 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: | 6970.5 lumens | Field Lumens: | 15525.6 lumens |
| Beam Efficiency: | 31.9% | Field Efficiency: | 71.1% |
| Input Watts (W): | 160.2 | | |
| 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 | | |



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CATALOG NUMBER: GFLD-SA3D-750-U-NR-VSR-XX

Iso-Candela Plot





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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|-------|-------|--------|--------|-------|-------|------|-----|-----|-----|-----|
| 90 | 0.0 | | | | | | | | | | | | | | | |
| 80 | 0.0 | | | | | | | | | | | | | | | |
| 70 | 0.0 | | | | | | | | | | | | | | | |
| 60 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 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 | 0.1 | 0.1 | 0.5 | 1.2 | 1.9 | 2.6 | 3.1 | 3.1 | 2.6 | 1.9 | 1.2 | 0.5 | 0.1 | 0.1 | 0.1 |
| 40 | | 0.1 | 0.6 | 1.9 | 3.6 | 5.2 | 7.4 | 8.7 | 8.7 | 7.4 | 5.2 | 3.6 | 1.9 | 0.6 | 0.1 | |
| 30 | 0.2 | 0.3 | 1.5 | 3.7 | 6.6 | 10.4 | 17.8 | 22.6 | 22.6 | 17.8 | 10.4 | 6.6 | 3.7 | 1.5 | 0.3 | 0.1 |
| 20 | | 0.6 | 2.4 | 5.6 | 10.2 | 22.2 | 59.3 | 98.2 | 98.2 | 59.3 | 22.2 | 10.2 | 5.6 | 2.4 | 0.6 | |
| 10 | 0.3 | 0.9 | 3.3 | 7.8 | 16.9 | 66.4 | 279.9 | 615.2 | 615.2 | 279.9 | 66.4 | 16.9 | 7.8 | 3.3 | 0.9 | 0.2 |
| 0 | | 1.2 | 4.1 | 9.1 | 22.9 | 124.6 | 670.7 | 3007.8 | 3007.8 | 670.7 | 124.6 | 22.9 | 9.1 | 4.1 | 1.2 | |
| -10 | 0.4 | 1.3 | 4.4 | 9.6 | 24.6 | 132.8 | 694.2 | 3058.9 | 3058.9 | 694.2 | 132.8 | 24.6 | 9.6 | 4.4 | 1.3 | 0.3 |
| -20 | | 1.4 | 4.5 | 9.5 | 21.6 | 84.5 | 337.0 | 720.8 | 720.8 | 337.0 | 84.5 | 21.6 | 9.5 | 4.5 | 1.4 | |
| -30 | 0.4 | 1.4 | 4.3 | 8.7 | 16.7 | 39.5 | 103.8 | 173.1 | 173.1 | 103.8 | 39.5 | 16.7 | 8.7 | 4.3 | 1.4 | 0.4 |
| -40 | | 1.2 | 3.9 | 7.7 | 13.1 | 21.7 | 35.3 | 44.9 | 44.9 | 35.3 | 21.7 | 13.1 | 7.7 | 3.9 | 1.2 | |
| -50 | 0.4 | 1.0 | 3.2 | 6.4 | 10.6 | 15.2 | 20.4 | 22.7 | 22.7 | 20.4 | 15.2 | 10.6 | 6.4 | 3.2 | 1.0 | 0.4 |
| -60 | | 0.8 | 2.4 | 5.0 | 8.3 | 11.6 | 14.7 | 16.1 | 16.1 | 14.7 | 11.6 | 8.3 | 5.0 | 2.4 | 0.8 | |
| -70 | 0.3 | 0.5 | 1.5 | 3.2 | 5.6 | 8.1 | 10.2 | 11.3 | 11.3 | 10.2 | 8.1 | 5.6 | 3.2 | 1.5 | 0.5 | 0.3 |
| -80 | | 0.1 | 1.3 | 5.5 | 12.1 | 15.3 | 12.1 | 5.5 | 1.3 | 0.1 | | | | | | |
| -90 | 0.1 | | | | | | | | | | | | | | | |

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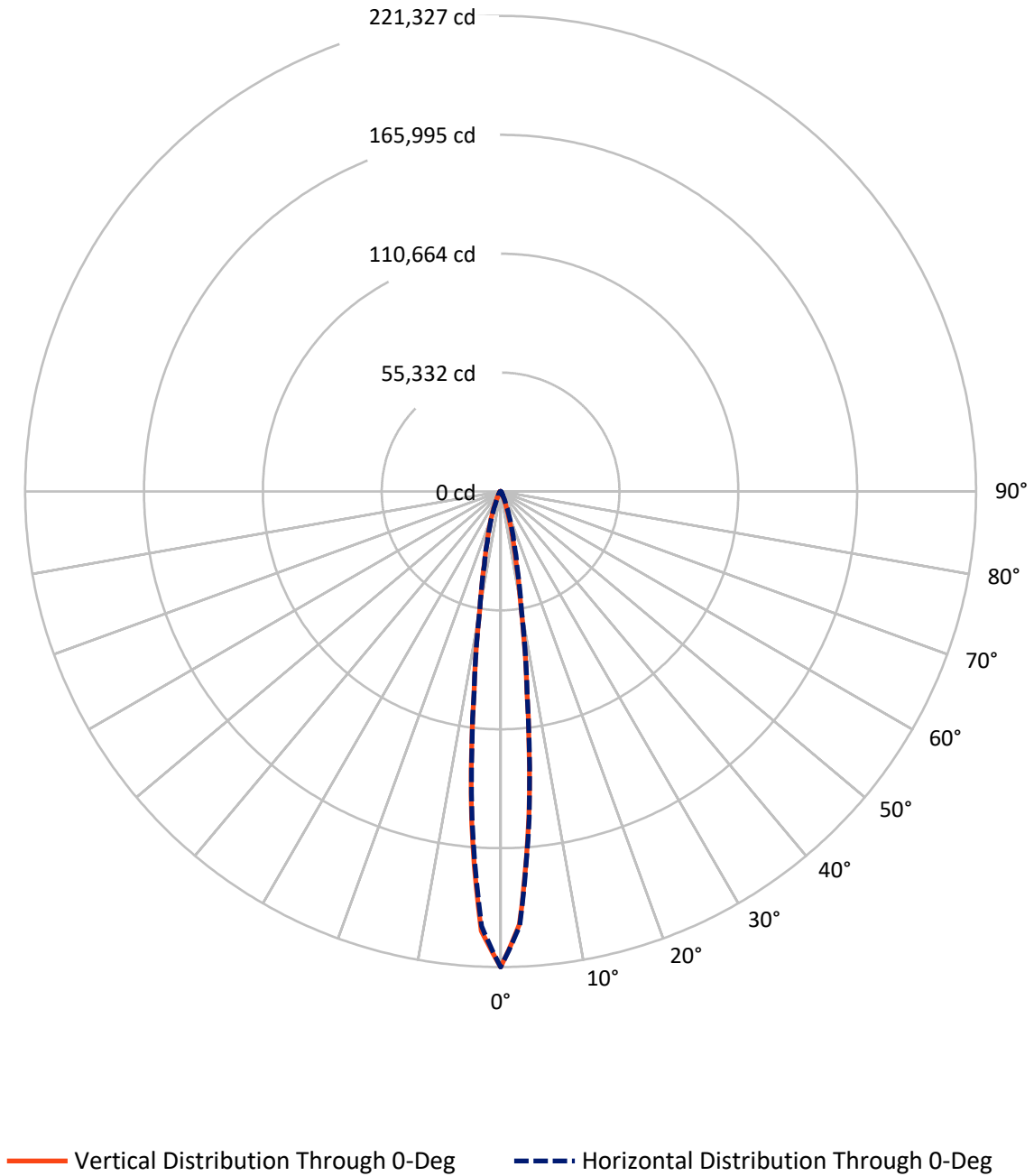
Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

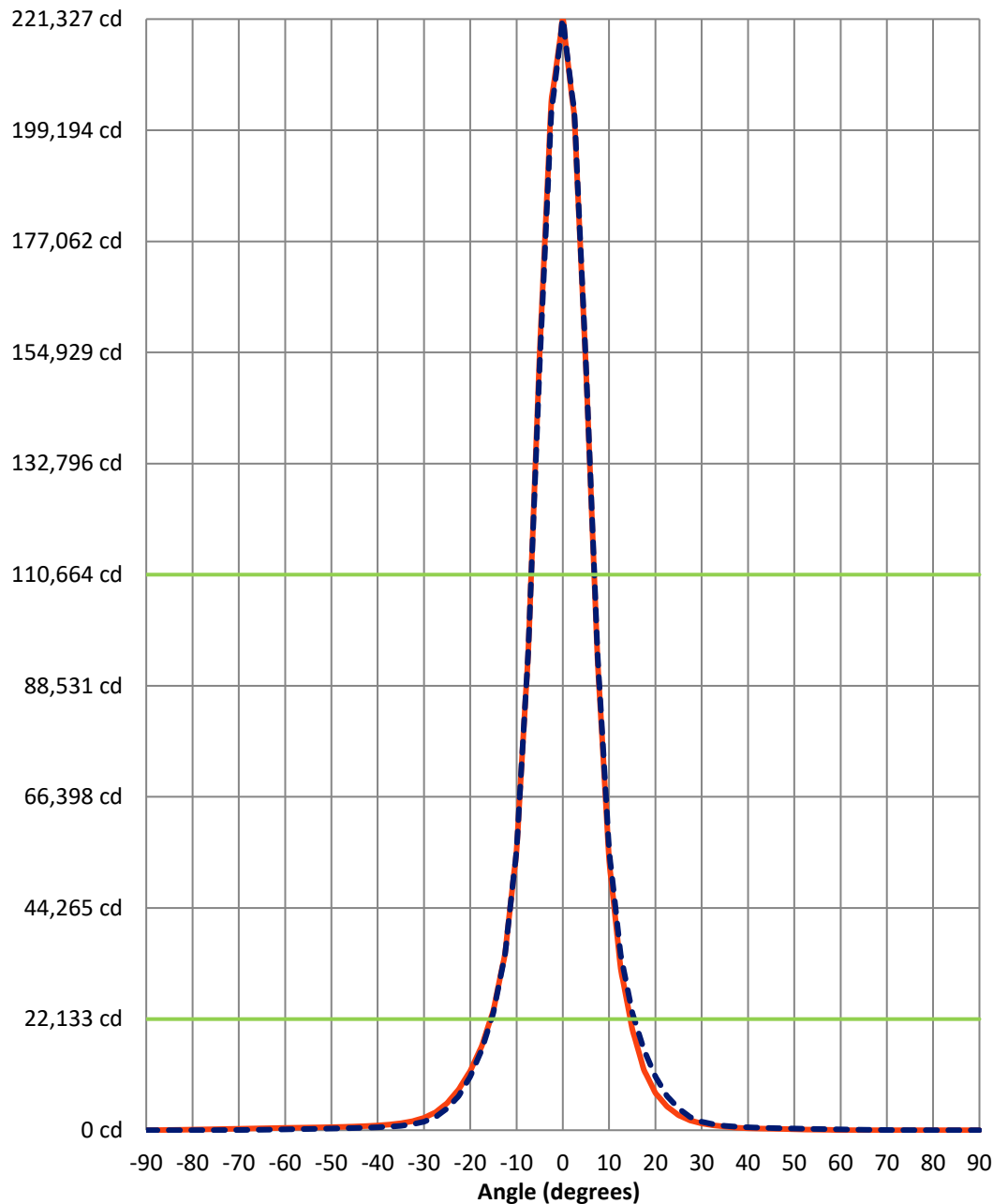
CATALOG NUMBER: GFLD-SA3D-750-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6970.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 15525.6
 Efficiency: 71.1%

Spill:
 Lumens: 6308.7
 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 | 0.2 | 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 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.6 | 0.1 | 0.0 | 0.1 | 0.4 | 0.1 | 0.0 | 0.1 | 0.4 | 0.2 |
| 72.5° | 0.0 | 0.7 | 0.1 | 0.0 | 0.5 | 0.7 | 0.2 | 0.3 | 1.0 | 1.0 | 0.4 |
| 70° | 0.0 | 0.9 | 0.2 | 0.1 | 1.0 | 1.1 | 0.5 | 1.4 | 2.0 | 1.8 | 0.6 |
| 67.5° | 0.0 | 1.0 | 0.3 | 0.6 | 1.4 | 1.4 | 1.7 | 2.6 | 3.0 | 1.9 | 0.8 |
| 65° | 0.0 | 1.1 | 0.4 | 1.0 | 1.9 | 2.0 | 2.7 | 3.9 | 3.2 | 2.1 | 1.4 |
| 62.5° | 0.0 | 1.2 | 0.5 | 1.5 | 2.4 | 2.7 | 3.7 | 4.4 | 3.3 | 2.4 | 2.9 |
| 60° | 0.0 | 1.3 | 0.6 | 2.0 | 2.9 | 3.3 | 4.6 | 4.6 | 3.5 | 3.4 | 4.3 |
| 57.5° | 0.0 | 1.5 | 1.0 | 2.5 | 3.3 | 3.8 | 4.7 | 4.7 | 4.0 | 4.2 | 4.7 |
| 55° | 0.0 | 1.6 | 1.4 | 3.0 | 3.6 | 4.3 | 4.7 | 4.7 | 4.3 | 4.7 | 4.7 |
| 52.5° | 0.0 | 1.7 | 1.8 | 3.5 | 3.9 | 4.7 | 4.7 | 4.7 | 4.6 | 4.7 | 4.7 |
| 50° | 0.0 | 1.9 | 2.1 | 4.0 | 4.1 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 5.5 |
| 47.5° | 0.0 | 2.0 | 2.4 | 4.5 | 4.4 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 6.5 |
| 45° | 0.0 | 2.1 | 2.7 | 4.6 | 4.5 | 4.7 | 4.7 | 4.7 | 4.9 | 5.8 | 7.7 |
| 42.5° | 0.0 | 2.3 | 3.0 | 4.7 | 4.7 | 4.7 | 4.7 | 4.9 | 5.2 | 7.1 | 10.4 |
| 40° | 0.0 | 2.4 | 3.3 | 4.7 | 4.7 | 4.7 | 4.7 | 5.2 | 6.0 | 8.6 | 13.3 |
| 37.5° | 0.0 | 2.6 | 3.5 | 4.7 | 4.7 | 4.7 | 4.7 | 5.7 | 7.6 | 10.8 | 16.5 |
| 35° | 0.0 | 2.7 | 3.7 | 4.7 | 4.7 | 4.7 | 4.7 | 6.3 | 9.3 | 13.8 | 20.2 |
| 32.5° | 0.0 | 2.9 | 3.9 | 4.7 | 4.7 | 4.7 | 4.8 | 6.9 | 11.1 | 16.6 | 25.0 |
| 30° | 0.0 | 3.1 | 4.1 | 4.7 | 4.7 | 4.7 | 5.3 | 7.8 | 13.0 | 19.4 | 30.3 |
| 27.5° | 0.0 | 3.2 | 4.2 | 4.7 | 4.7 | 4.7 | 5.9 | 9.3 | 15.1 | 22.0 | 36.0 |
| 25° | 0.0 | 3.4 | 4.3 | 4.7 | 4.7 | 4.7 | 6.4 | 10.8 | 17.3 | 26.0 | 42.0 |
| 22.5° | 0.0 | 3.5 | 4.4 | 4.7 | 4.7 | 4.8 | 7.0 | 12.3 | 19.4 | 30.7 | 49.2 |
| 20° | 0.0 | 3.7 | 4.5 | 4.7 | 4.7 | 5.1 | 7.6 | 13.8 | 21.4 | 35.5 | 55.8 |
| 17.5° | 0.0 | 3.8 | 4.6 | 4.7 | 4.7 | 5.6 | 8.4 | 15.3 | 23.3 | 40.3 | 61.8 |
| 15° | 0.0 | 4.0 | 4.6 | 4.7 | 4.7 | 6.0 | 9.4 | 16.7 | 25.1 | 45.0 | 67.3 |
| 12.5° | 0.0 | 4.1 | 4.7 | 4.7 | 4.7 | 6.6 | 10.3 | 18.1 | 27.5 | 49.6 | 72.2 |
| 10° | 0.0 | 4.2 | 4.7 | 4.7 | 4.7 | 7.1 | 11.2 | 19.4 | 30.5 | 53.9 | 76.5 |
| 7.5° | 0.0 | 4.4 | 4.7 | 4.7 | 4.7 | 7.7 | 12.0 | 20.6 | 33.6 | 57.6 | 80.3 |
| 5° | 0.0 | 4.5 | 4.7 | 4.7 | 4.7 | 8.3 | 12.7 | 21.7 | 36.6 | 60.8 | 83.7 |
| 2.5° | 0.0 | 4.6 | 4.7 | 4.7 | 4.7 | 8.9 | 13.4 | 22.6 | 39.5 | 63.4 | 86.6 |
| 0° | 0.0 | 4.7 | 4.7 | 4.7 | 4.7 | 9.4 | 14.1 | 23.4 | 42.2 | 65.6 | 89.0 |
| -2.5° | 0.0 | 4.7 | 4.7 | 4.7 | 5.1 | 9.9 | 15.3 | 24.8 | 44.6 | 67.3 | 92.0 |
| -5° | 0.0 | 4.7 | 4.7 | 4.7 | 5.5 | 10.3 | 16.4 | 26.1 | 46.6 | 68.7 | 94.5 |
| -7.5° | 0.0 | 4.7 | 4.7 | 4.7 | 5.9 | 10.8 | 17.5 | 27.3 | 48.3 | 69.8 | 96.4 |
| -10° | 0.0 | 4.6 | 4.7 | 4.7 | 6.2 | 11.1 | 18.4 | 28.3 | 49.5 | 70.5 | 97.6 |
| -12.5° | 0.0 | 4.6 | 4.7 | 4.7 | 6.6 | 11.4 | 19.1 | 29.1 | 50.3 | 71.2 | 99.4 |
| -15° | 0.0 | 4.5 | 4.7 | 4.7 | 6.8 | 11.7 | 19.7 | 29.9 | 50.5 | 72.6 | 101.1 |
| -17.5° | 0.0 | 4.5 | 4.7 | 4.7 | 7.0 | 11.9 | 20.1 | 30.6 | 50.1 | 73.3 | 101.8 |
| -20° | 0.0 | 4.4 | 4.7 | 4.7 | 7.2 | 12.0 | 20.4 | 31.2 | 49.4 | 73.3 | 101.7 |

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Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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 | 4.3 | 4.7 | 4.7 | 7.2 | 12.1 | 20.7 | 31.6 | 48.3 | 72.5 | 100.5 |
| -25° | 0.0 | 4.3 | 4.7 | 4.7 | 7.2 | 12.4 | 20.8 | 31.7 | 46.8 | 70.8 | 98.3 |
| -27.5° | 0.0 | 4.2 | 4.7 | 4.7 | 7.1 | 12.8 | 20.8 | 31.6 | 44.9 | 68.4 | 96.2 |
| -30° | 0.0 | 4.1 | 4.7 | 4.7 | 6.9 | 13.0 | 20.7 | 31.3 | 44.0 | 65.8 | 92.9 |
| -32.5° | 0.0 | 4.0 | 4.7 | 4.7 | 6.9 | 13.1 | 20.5 | 30.9 | 43.4 | 62.9 | 88.5 |
| -35° | 0.0 | 3.8 | 4.7 | 4.7 | 6.8 | 13.0 | 20.4 | 30.5 | 42.5 | 59.6 | 82.9 |
| -37.5° | 0.0 | 3.7 | 4.7 | 4.7 | 6.6 | 12.9 | 20.3 | 29.9 | 41.3 | 55.8 | 79.7 |
| -40° | 0.0 | 3.6 | 4.7 | 4.7 | 6.4 | 12.6 | 20.1 | 29.2 | 39.7 | 53.5 | 76.8 |
| -42.5° | 0.0 | 3.5 | 4.7 | 4.7 | 6.3 | 12.3 | 19.6 | 28.4 | 38.5 | 52.4 | 73.1 |
| -45° | 0.0 | 3.3 | 4.7 | 4.9 | 6.5 | 11.8 | 19.0 | 27.5 | 37.4 | 50.8 | 69.1 |
| -47.5° | 0.0 | 3.2 | 4.7 | 5.0 | 6.6 | 11.1 | 18.3 | 26.6 | 36.1 | 48.6 | 66.5 |
| -50° | 0.0 | 3.0 | 4.7 | 5.0 | 6.7 | 10.4 | 17.3 | 25.4 | 34.7 | 46.8 | 63.1 |
| -52.5° | 0.0 | 2.9 | 4.7 | 5.1 | 6.7 | 9.6 | 16.2 | 24.0 | 33.0 | 44.2 | 59.0 |
| -55° | 0.0 | 2.7 | 4.7 | 5.1 | 6.6 | 9.3 | 15.0 | 22.4 | 31.0 | 40.9 | 54.7 |
| -57.5° | 0.0 | 2.5 | 4.7 | 5.1 | 6.6 | 9.1 | 13.6 | 20.7 | 28.8 | 37.9 | 49.5 |
| -60° | 0.0 | 2.3 | 4.7 | 5.1 | 6.4 | 8.8 | 12.2 | 18.7 | 26.3 | 34.8 | 44.4 |
| -62.5° | 0.0 | 2.2 | 4.3 | 5.0 | 6.2 | 8.4 | 11.6 | 16.5 | 23.6 | 31.5 | 40.4 |
| -65° | 0.0 | 2.0 | 4.0 | 4.9 | 6.0 | 8.0 | 10.8 | 14.6 | 20.7 | 27.9 | 36.1 |
| -67.5° | 0.0 | 1.8 | 3.6 | 4.8 | 5.7 | 7.5 | 10.0 | 13.4 | 17.5 | 24.1 | 31.4 |
| -70° | 0.0 | 1.6 | 3.2 | 4.7 | 5.4 | 6.9 | 9.1 | 12.1 | 15.7 | 20.0 | 26.5 |
| -72.5° | 0.0 | 1.4 | 2.8 | 4.2 | 5.1 | 6.3 | 8.1 | 10.6 | 13.7 | 17.4 | 21.7 |
| -75° | 0.0 | 1.2 | 2.4 | 3.6 | 4.8 | 5.6 | 7.1 | 9.3 | 11.7 | 14.7 | 18.3 |
| -77.5° | 0.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.1 | 12.2 | 14.8 |
| -80° | 0.0 | 0.8 | 1.6 | 2.4 | 3.2 | 4.0 | 4.8 | 6.7 | 8.6 | 10.5 | 12.5 |
| -82.5° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 5.2 | 7.1 | 8.8 | 10.6 |
| -85° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 3.5 | 4.8 | 6.3 | 7.9 |
| -87.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.8 | 2.4 | 3.1 | 4.0 |
| -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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CATALOG NUMBER: GFLD-SA3D-750-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 | 0.5 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.3 | 1.3 | 1.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| 65° | 2.3 | 3.1 | 2.3 | 1.2 | 0.1 | 1.1 | 1.6 | 1.3 | 0.1 | 0.0 | 0.0 |
| 62.5° | 4.4 | 3.7 | 2.6 | 1.9 | 2.7 | 3.6 | 2.8 | 1.6 | 0.4 | 2.3 | 3.3 |
| 60° | 4.7 | 4.0 | 3.3 | 3.7 | 4.8 | 4.2 | 3.1 | 4.6 | 6.9 | 8.7 | 10.5 |
| 57.5° | 4.7 | 4.4 | 4.3 | 5.1 | 5.3 | 5.3 | 8.3 | 11.0 | 15.6 | 19.3 | 21.9 |
| 55° | 4.8 | 4.7 | 5.3 | 6.4 | 7.9 | 11.2 | 15.3 | 21.6 | 26.6 | 34.3 | 40.9 |
| 52.5° | 5.3 | 5.3 | 7.2 | 9.6 | 14.2 | 19.4 | 26.6 | 35.5 | 45.5 | 53.0 | 61.0 |
| 50° | 6.1 | 7.8 | 10.0 | 16.1 | 22.4 | 30.5 | 42.4 | 55.3 | 63.8 | 72.3 | 83.7 |
| 47.5° | 8.4 | 10.6 | 16.5 | 23.5 | 32.6 | 45.5 | 62.0 | 71.3 | 79.6 | 92.9 | 107.1 |
| 45° | 11.3 | 16.0 | 23.1 | 32.9 | 45.4 | 63.5 | 76.5 | 84.1 | 98.5 | 113.9 | 130.1 |
| 42.5° | 14.3 | 22.0 | 31.8 | 42.1 | 61.8 | 79.0 | 90.7 | 102.8 | 117.4 | 135.4 | 153.0 |
| 40° | 19.5 | 28.0 | 41.4 | 57.5 | 77.5 | 94.3 | 108.9 | 122.8 | 137.1 | 160.7 | 179.4 |
| 37.5° | 24.7 | 37.1 | 52.2 | 72.2 | 93.0 | 111.3 | 127.7 | 145.1 | 165.6 | 192.2 | 209.0 |
| 35° | 29.7 | 46.5 | 65.0 | 86.2 | 108.3 | 129.1 | 148.8 | 169.2 | 195.7 | 220.9 | 240.9 |
| 32.5° | 36.8 | 56.1 | 76.9 | 99.9 | 122.6 | 146.2 | 170.1 | 194.4 | 220.6 | 246.3 | 272.6 |
| 30° | 45.7 | 66.4 | 88.3 | 112.9 | 135.8 | 163.1 | 190.8 | 216.6 | 242.9 | 269.9 | 299.7 |
| 27.5° | 54.7 | 76.0 | 99.7 | 124.5 | 148.6 | 179.6 | 209.6 | 236.4 | 263.4 | 292.6 | 326.5 |
| 25° | 62.9 | 85.7 | 110.4 | 134.9 | 163.2 | 196.5 | 229.2 | 260.3 | 283.2 | 316.4 | 356.0 |
| 22.5° | 70.9 | 95.1 | 121.7 | 144.3 | 177.3 | 213.5 | 251.5 | 285.0 | 312.1 | 341.7 | 386.7 |
| 20° | 78.8 | 104.8 | 132.3 | 157.6 | 191.4 | 230.3 | 275.5 | 310.0 | 343.6 | 381.8 | 427.7 |
| 17.5° | 86.3 | 113.9 | 142.7 | 172.8 | 208.5 | 248.7 | 300.0 | 335.2 | 375.3 | 421.0 | 478.9 |
| 15° | 93.4 | 122.3 | 153.2 | 186.9 | 223.8 | 267.2 | 316.7 | 360.6 | 408.5 | 461.3 | 529.7 |
| 12.5° | 100.0 | 130.0 | 163.6 | 200.1 | 237.3 | 283.1 | 330.7 | 377.3 | 432.5 | 501.6 | 587.6 |
| 10° | 106.1 | 136.9 | 173.6 | 212.1 | 249.1 | 296.5 | 343.0 | 391.5 | 449.8 | 525.6 | 624.1 |
| 7.5° | 111.1 | 143.9 | 183.1 | 223.0 | 259.3 | 307.6 | 353.6 | 403.2 | 464.2 | 545.4 | 648.7 |
| 5° | 115.4 | 151.3 | 191.9 | 230.0 | 267.7 | 317.1 | 362.5 | 412.5 | 475.7 | 561.0 | 666.2 |
| 2.5° | 119.0 | 158.1 | 199.6 | 235.1 | 275.0 | 325.8 | 369.6 | 422.8 | 487.4 | 573.0 | 682.7 |
| 0° | 121.8 | 164.0 | 206.1 | 238.9 | 281.1 | 332.6 | 374.8 | 431.0 | 496.6 | 580.9 | 698.0 |
| -2.5° | 127.5 | 168.9 | 210.0 | 243.3 | 287.5 | 333.7 | 378.2 | 432.2 | 500.1 | 587.0 | 700.9 |
| -5° | 132.2 | 172.8 | 212.9 | 246.7 | 292.4 | 333.6 | 379.7 | 431.2 | 501.3 | 590.5 | 706.0 |
| -7.5° | 135.9 | 175.8 | 214.8 | 249.4 | 294.9 | 335.2 | 381.8 | 434.6 | 505.0 | 593.7 | 712.6 |
| -10° | 138.3 | 178.0 | 216.3 | 252.7 | 295.6 | 336.7 | 382.6 | 435.3 | 504.3 | 591.6 | 709.0 |
| -12.5° | 139.5 | 179.3 | 217.1 | 254.6 | 295.4 | 336.6 | 381.4 | 433.2 | 499.2 | 584.2 | 694.5 |
| -15° | 139.9 | 179.7 | 217.0 | 254.7 | 294.7 | 334.6 | 378.4 | 428.3 | 489.9 | 571.7 | 671.8 |
| -17.5° | 139.5 | 179.5 | 216.1 | 253.2 | 293.7 | 330.7 | 373.8 | 421.7 | 480.5 | 556.9 | 653.3 |
| -20° | 138.3 | 178.5 | 214.5 | 249.8 | 292.1 | 327.2 | 369.1 | 415.4 | 470.6 | 540.0 | 626.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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° | 136.4 | 176.8 | 212.2 | 246.4 | 286.9 | 323.8 | 363.0 | 407.2 | 456.7 | 519.4 | 595.9 |
| -25° | 134.1 | 173.5 | 209.2 | 243.8 | 281.0 | 318.8 | 355.3 | 397.3 | 442.8 | 503.0 | 571.9 |
| -27.5° | 131.1 | 169.5 | 205.1 | 240.1 | 274.7 | 311.9 | 347.7 | 387.3 | 432.3 | 485.4 | 547.0 |
| -30° | 126.8 | 163.8 | 199.4 | 235.1 | 269.3 | 304.2 | 338.7 | 376.5 | 418.9 | 469.0 | 525.9 |
| -32.5° | 121.3 | 157.4 | 192.3 | 227.6 | 263.1 | 296.4 | 328.9 | 365.2 | 405.1 | 449.0 | 503.1 |
| -35° | 115.7 | 150.5 | 184.5 | 218.2 | 255.6 | 287.8 | 319.1 | 352.3 | 389.5 | 430.3 | 474.3 |
| -37.5° | 110.5 | 143.2 | 176.3 | 208.1 | 243.5 | 277.0 | 307.5 | 339.1 | 373.4 | 410.9 | 450.9 |
| -40° | 104.9 | 135.3 | 167.7 | 198.6 | 229.8 | 263.9 | 294.3 | 324.8 | 356.5 | 394.1 | 429.7 |
| -42.5° | 99.1 | 128.7 | 158.6 | 189.0 | 218.7 | 249.2 | 279.6 | 308.8 | 342.2 | 377.8 | 412.7 |
| -45° | 94.3 | 121.7 | 149.5 | 179.0 | 208.3 | 235.9 | 264.4 | 291.7 | 325.6 | 361.2 | 395.3 |
| -47.5° | 88.6 | 114.6 | 141.5 | 168.3 | 197.0 | 224.6 | 250.2 | 277.8 | 306.7 | 340.3 | 376.1 |
| -50° | 82.7 | 107.3 | 132.2 | 157.4 | 184.6 | 212.2 | 238.2 | 263.7 | 291.0 | 318.5 | 349.5 |
| -52.5° | 77.7 | 99.2 | 122.2 | 145.4 | 171.1 | 198.1 | 224.4 | 249.9 | 275.0 | 300.9 | 327.3 |
| -55° | 71.8 | 91.5 | 111.8 | 133.5 | 156.0 | 181.9 | 207.9 | 232.9 | 258.4 | 282.6 | 308.5 |
| -57.5° | 65.2 | 82.9 | 101.4 | 121.7 | 142.2 | 163.4 | 188.7 | 213.5 | 237.5 | 262.0 | 288.7 |
| -60° | 57.8 | 73.6 | 90.4 | 109.1 | 129.1 | 148.5 | 169.0 | 192.0 | 215.2 | 238.3 | 263.0 |
| -62.5° | 50.0 | 63.8 | 79.0 | 95.3 | 113.6 | 132.7 | 151.4 | 171.0 | 191.9 | 212.1 | 233.4 |
| -65° | 44.9 | 54.6 | 67.4 | 81.9 | 96.9 | 114.0 | 131.7 | 149.8 | 168.2 | 185.3 | 201.8 |
| -67.5° | 39.5 | 48.2 | 57.6 | 68.3 | 82.0 | 96.4 | 110.5 | 126.7 | 143.2 | 158.9 | 174.3 |
| -70° | 33.7 | 41.4 | 49.7 | 58.6 | 68.4 | 80.2 | 93.4 | 106.3 | 119.0 | 132.2 | 146.5 |
| -72.5° | 27.6 | 34.3 | 41.5 | 49.2 | 57.6 | 66.8 | 77.1 | 88.1 | 99.4 | 110.3 | 121.4 |
| -75° | 22.6 | 27.1 | 33.0 | 39.5 | 46.7 | 54.0 | 61.4 | 70.1 | 79.7 | 89.3 | 98.6 |
| -77.5° | 18.6 | 22.7 | 26.8 | 30.8 | 35.9 | 42.6 | 49.2 | 55.6 | 62.3 | 69.5 | 77.2 |
| -80° | 15.2 | 18.3 | 22.0 | 25.7 | 29.2 | 33.2 | 37.8 | 42.9 | 47.6 | 52.4 | 57.7 |
| -82.5° | 12.7 | 15.1 | 17.7 | 20.6 | 22.6 | 24.8 | 27.2 | 30.2 | 33.3 | 36.5 | 39.9 |
| -85° | 9.7 | 11.7 | 13.5 | 15.4 | 16.4 | 17.4 | 18.6 | 19.9 | 21.8 | 23.8 | 25.7 |
| -87.5° | 4.9 | 5.9 | 6.9 | 8.1 | 8.6 | 9.1 | 9.5 | 10.0 | 11.2 | 12.6 | 13.9 |
| -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: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-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° | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 1.2 | 1.0 | 0.4 | 0.0 | 0.0 |
| 62.5° | 2.8 | 2.3 | 3.6 | 4.9 | 5.4 | 5.2 | 4.8 | 4.3 | 3.6 | 3.4 | 3.8 |
| 60° | 11.3 | 11.0 | 15.4 | 17.5 | 15.9 | 11.2 | 17.6 | 20.8 | 20.0 | 17.1 | 17.1 |
| 57.5° | 27.5 | 33.4 | 37.7 | 39.6 | 45.8 | 55.8 | 57.7 | 54.4 | 53.2 | 54.3 | 62.8 |
| 55° | 47.7 | 52.4 | 54.9 | 63.4 | 70.9 | 76.4 | 79.6 | 82.9 | 87.7 | 93.5 | 99.6 |
| 52.5° | 67.4 | 73.9 | 78.9 | 86.6 | 95.6 | 98.7 | 97.9 | 109.5 | 118.5 | 124.3 | 126.7 |
| 50° | 92.5 | 100.7 | 112.4 | 124.3 | 129.5 | 134.5 | 139.8 | 149.3 | 163.2 | 180.5 | 190.4 |
| 47.5° | 119.6 | 132.5 | 144.8 | 158.4 | 165.3 | 170.6 | 178.6 | 195.2 | 214.9 | 233.5 | 243.2 |
| 45° | 144.0 | 155.6 | 169.6 | 181.3 | 189.8 | 200.2 | 211.7 | 226.7 | 248.8 | 268.2 | 281.6 |
| 42.5° | 163.7 | 176.6 | 191.0 | 205.3 | 213.9 | 227.8 | 245.3 | 265.7 | 288.8 | 309.0 | 323.9 |
| 40° | 191.2 | 202.1 | 225.1 | 238.6 | 242.0 | 255.0 | 290.0 | 317.9 | 344.0 | 368.9 | 381.3 |
| 37.5° | 224.4 | 245.7 | 269.5 | 281.8 | 293.9 | 316.9 | 363.8 | 408.8 | 442.2 | 475.8 | 494.2 |
| 35° | 262.1 | 290.2 | 322.6 | 337.1 | 363.0 | 413.1 | 468.2 | 530.8 | 608.7 | 641.3 | 671.0 |
| 32.5° | 298.8 | 330.2 | 360.1 | 392.6 | 437.9 | 497.8 | 559.9 | 661.4 | 756.1 | 829.5 | 883.1 |
| 30° | 331.3 | 364.6 | 401.7 | 443.6 | 507.4 | 590.0 | 693.6 | 824.9 | 958.5 | 1075.1 | 1173.7 |
| 27.5° | 363.4 | 401.3 | 445.5 | 507.9 | 597.7 | 709.8 | 875.4 | 1062.6 | 1285.6 | 1449.9 | 1646.0 |
| 25° | 398.7 | 442.0 | 498.7 | 589.2 | 710.3 | 878.1 | 1142.6 | 1446.7 | 1812.3 | 2108.8 | 2419.0 |
| 22.5° | 440.3 | 504.3 | 576.1 | 677.1 | 888.7 | 1165.1 | 1526.5 | 2046.3 | 2608.7 | 3128.7 | 3629.4 |
| 20° | 490.7 | 578.2 | 693.5 | 879.3 | 1150.9 | 1559.5 | 2187.6 | 3017.2 | 3844.2 | 4725.0 | 5573.0 |
| 17.5° | 562.6 | 688.7 | 867.8 | 1132.3 | 1490.3 | 2298.5 | 3317.6 | 4600.7 | 6249.2 | 7743.0 | 9047.4 |
| 15° | 630.0 | 780.7 | 1063.5 | 1458.9 | 2083.3 | 3154.6 | 4702.3 | 6820.1 | 9389.2 | 11730.6 | 14203.6 |
| 12.5° | 700.8 | 878.7 | 1203.5 | 1707.0 | 2574.6 | 3969.2 | 6144.3 | 9046.1 | 12263.0 | 15791.8 | 19811.3 |
| 10° | 756.9 | 972.8 | 1361.8 | 2000.1 | 3069.6 | 4806.3 | 7397.1 | 10916.3 | 15191.2 | 20413.6 | 26838.9 |
| 7.5° | 794.7 | 1048.3 | 1492.5 | 2214.7 | 3525.3 | 5662.3 | 8781.1 | 13011.2 | 18355.5 | 25274.1 | 34264.8 |
| 5° | 824.3 | 1105.9 | 1590.8 | 2410.3 | 3910.7 | 6315.8 | 9806.6 | 14845.6 | 21167.8 | 30437.4 | 45674.1 |
| 2.5° | 848.0 | 1150.0 | 1651.6 | 2545.0 | 4152.6 | 6770.9 | 10494.6 | 15883.5 | 22841.8 | 34254.7 | 54022.4 |
| 0° | 866.7 | 1189.9 | 1691.2 | 2628.2 | 4338.1 | 6816.3 | 10709.4 | 16073.4 | 23442.6 | 34943.7 | 55819.0 |
| -2.5° | 874.6 | 1211.3 | 1704.8 | 2646.4 | 4319.5 | 6894.5 | 10774.9 | 16225.1 | 23420.0 | 34566.2 | 53812.4 |
| -5° | 887.7 | 1210.9 | 1694.6 | 2627.8 | 4222.7 | 6692.5 | 10347.0 | 15376.2 | 22007.1 | 31593.3 | 47361.4 |
| -7.5° | 897.2 | 1191.6 | 1645.5 | 2508.7 | 3969.2 | 6255.8 | 9595.1 | 13969.6 | 19435.5 | 26714.1 | 36479.8 |
| -10° | 888.5 | 1154.6 | 1563.7 | 2309.0 | 3575.1 | 5555.4 | 8451.7 | 12112.8 | 16655.5 | 22049.5 | 28684.5 |
| -12.5° | 855.1 | 1086.1 | 1430.2 | 2029.2 | 3064.6 | 4770.7 | 7301.3 | 10418.5 | 13780.8 | 17569.0 | 22153.9 |
| -15° | 812.8 | 1012.3 | 1310.0 | 1837.3 | 2686.2 | 3993.1 | 5840.6 | 8369.4 | 11066.5 | 13942.8 | 17009.9 |
| -17.5° | 779.9 | 947.6 | 1194.0 | 1575.8 | 2200.2 | 3239.3 | 4691.1 | 6487.5 | 8469.6 | 10659.4 | 12477.0 |
| -20° | 735.4 | 867.8 | 1074.7 | 1386.5 | 1862.9 | 2551.3 | 3608.7 | 4913.8 | 6221.7 | 7761.4 | 9017.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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° | 690.7 | 806.2 | 963.6 | 1191.7 | 1546.2 | 2066.3 | 2719.6 | 3591.0 | 4547.5 | 5431.3 | 6301.2 |
| -25° | 649.3 | 738.2 | 865.6 | 1052.7 | 1293.1 | 1648.1 | 2113.1 | 2613.0 | 3243.4 | 3781.4 | 4378.4 |
| -27.5° | 615.8 | 692.1 | 786.1 | 923.3 | 1109.9 | 1338.1 | 1671.1 | 2006.1 | 2337.6 | 2609.1 | 3020.1 |
| -30° | 583.3 | 644.8 | 723.4 | 821.2 | 961.1 | 1137.1 | 1353.2 | 1570.5 | 1761.8 | 1936.4 | 2150.4 |
| -32.5° | 551.5 | 601.6 | 661.8 | 743.0 | 843.4 | 975.7 | 1108.5 | 1264.2 | 1397.2 | 1520.0 | 1633.6 |
| -35° | 519.7 | 564.2 | 610.1 | 678.6 | 758.6 | 852.6 | 949.2 | 1054.7 | 1146.7 | 1229.4 | 1302.5 |
| -37.5° | 490.9 | 530.0 | 573.2 | 624.1 | 688.6 | 759.4 | 838.3 | 914.9 | 975.7 | 1029.3 | 1073.7 |
| -40° | 466.6 | 502.2 | 539.1 | 579.9 | 629.0 | 684.8 | 751.8 | 815.7 | 858.3 | 891.1 | 918.0 |
| -42.5° | 444.9 | 476.2 | 507.7 | 542.4 | 580.1 | 628.4 | 681.3 | 734.0 | 762.9 | 788.2 | 807.7 |
| -45° | 427.5 | 451.5 | 478.0 | 507.6 | 541.0 | 581.5 | 623.1 | 659.5 | 685.2 | 707.0 | 723.2 |
| -47.5° | 404.5 | 427.6 | 450.6 | 475.0 | 506.1 | 539.8 | 574.2 | 602.3 | 624.7 | 643.7 | 656.1 |
| -50° | 379.2 | 403.6 | 424.6 | 446.0 | 474.6 | 503.2 | 530.8 | 554.0 | 575.4 | 594.0 | 603.8 |
| -52.5° | 352.9 | 379.1 | 401.1 | 422.1 | 446.1 | 471.0 | 496.0 | 515.8 | 534.5 | 552.1 | 559.5 |
| -55° | 334.0 | 358.1 | 380.9 | 400.6 | 420.4 | 440.3 | 460.7 | 481.3 | 499.8 | 516.5 | 521.4 |
| -57.5° | 313.6 | 338.1 | 360.6 | 378.3 | 396.2 | 414.2 | 432.9 | 451.4 | 469.3 | 485.3 | 489.3 |
| -60° | 288.6 | 315.2 | 335.2 | 352.0 | 369.3 | 387.1 | 403.3 | 419.9 | 436.6 | 450.5 | 455.0 |
| -62.5° | 257.0 | 281.2 | 301.0 | 318.6 | 335.4 | 350.9 | 366.7 | 382.1 | 397.1 | 408.1 | 411.7 |
| -65° | 219.1 | 239.7 | 260.0 | 278.5 | 295.0 | 309.9 | 324.5 | 338.6 | 352.2 | 361.9 | 366.7 |
| -67.5° | 189.2 | 204.0 | 220.4 | 236.2 | 252.8 | 268.2 | 281.3 | 293.7 | 305.4 | 313.6 | 318.7 |
| -70° | 160.3 | 174.4 | 189.7 | 204.8 | 219.3 | 231.8 | 242.3 | 252.5 | 262.4 | 269.7 | 275.2 |
| -72.5° | 132.7 | 144.6 | 157.4 | 170.7 | 183.9 | 195.2 | 204.9 | 214.0 | 222.6 | 228.8 | 233.8 |
| -75° | 107.7 | 117.6 | 128.4 | 139.2 | 149.9 | 158.8 | 166.9 | 174.8 | 182.4 | 187.9 | 192.5 |
| -77.5° | 85.5 | 93.8 | 102.3 | 110.7 | 119.2 | 125.7 | 131.6 | 137.4 | 143.0 | 147.3 | 151.3 |
| -80° | 63.3 | 69.9 | 76.6 | 83.4 | 90.1 | 95.1 | 99.5 | 103.7 | 107.7 | 110.2 | 112.5 |
| -82.5° | 43.3 | 47.9 | 52.6 | 57.4 | 62.1 | 65.8 | 69.3 | 72.7 | 76.1 | 77.3 | 78.2 |
| -85° | 27.6 | 29.9 | 32.4 | 35.0 | 37.7 | 39.7 | 41.6 | 43.4 | 45.2 | 46.8 | 48.3 |
| -87.5° | 15.3 | 15.8 | 16.2 | 16.6 | 16.9 | 18.4 | 19.8 | 21.2 | 22.6 | 22.8 | 23.0 |
| -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: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-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 | 1.0 |
| 62.5° | 4.2 | 4.5 | 4.6 | 4.7 | 4.6 | 4.5 | 4.2 | 3.8 | 3.4 | 3.6 | 4.3 |
| 60° | 16.0 | 14.3 | 14.0 | 14.1 | 14.0 | 14.3 | 16.0 | 17.1 | 17.1 | 20.0 | 20.8 |
| 57.5° | 71.3 | 79.2 | 81.4 | 79.6 | 81.4 | 79.2 | 71.3 | 62.8 | 54.3 | 53.2 | 54.4 |
| 55° | 103.7 | 106.2 | 107.3 | 107.7 | 107.3 | 106.2 | 103.7 | 99.6 | 93.5 | 87.7 | 82.9 |
| 52.5° | 127.2 | 126.4 | 126.2 | 126.5 | 126.2 | 126.4 | 127.2 | 126.7 | 124.3 | 118.5 | 109.5 |
| 50° | 191.2 | 187.7 | 186.3 | 187.4 | 186.3 | 187.7 | 191.2 | 190.4 | 180.5 | 163.2 | 149.3 |
| 47.5° | 244.4 | 245.4 | 247.1 | 248.3 | 247.1 | 245.4 | 244.4 | 243.2 | 233.5 | 214.9 | 195.2 |
| 45° | 285.3 | 287.9 | 289.6 | 290.5 | 289.6 | 287.9 | 285.3 | 281.6 | 268.2 | 248.8 | 226.7 |
| 42.5° | 327.2 | 327.5 | 327.0 | 327.9 | 327.0 | 327.5 | 327.2 | 323.9 | 309.0 | 288.8 | 265.7 |
| 40° | 386.3 | 387.5 | 386.2 | 384.2 | 386.2 | 387.5 | 386.3 | 381.3 | 368.9 | 344.0 | 317.9 |
| 37.5° | 504.9 | 506.6 | 501.0 | 496.6 | 501.0 | 506.6 | 504.9 | 494.2 | 475.8 | 442.2 | 408.8 |
| 35° | 698.2 | 718.2 | 727.7 | 730.8 | 727.7 | 718.2 | 698.2 | 671.0 | 641.3 | 608.7 | 530.8 |
| 32.5° | 920.2 | 948.0 | 962.0 | 974.4 | 962.0 | 948.0 | 920.2 | 883.1 | 829.5 | 756.1 | 661.4 |
| 30° | 1238.4 | 1289.7 | 1312.4 | 1344.5 | 1312.4 | 1289.7 | 1238.4 | 1173.7 | 1075.1 | 958.5 | 824.9 |
| 27.5° | 1757.4 | 1847.7 | 1897.8 | 1944.2 | 1897.8 | 1847.7 | 1757.4 | 1646.0 | 1449.9 | 1285.6 | 1062.6 |
| 25° | 2644.4 | 2818.4 | 2931.0 | 2984.2 | 2931.0 | 2818.4 | 2644.4 | 2419.0 | 2108.8 | 1812.3 | 1446.7 |
| 22.5° | 4113.8 | 4434.6 | 4682.0 | 4731.6 | 4682.0 | 4434.6 | 4113.8 | 3629.4 | 3128.7 | 2608.7 | 2046.3 |
| 20° | 6395.6 | 6854.5 | 7227.9 | 7416.0 | 7227.9 | 6854.5 | 6395.6 | 5573.0 | 4725.0 | 3844.2 | 3017.2 |
| 17.5° | 10600.9 | 11555.5 | 11991.7 | 12063.3 | 11991.7 | 11555.5 | 10600.9 | 9047.4 | 7743.0 | 6249.2 | 4600.7 |
| 15° | 16857.1 | 18472.6 | 19498.2 | 20158.5 | 19498.2 | 18472.6 | 16857.1 | 14203.6 | 11730.6 | 9389.2 | 6820.1 |
| 12.5° | 23995.3 | 28585.8 | 31197.9 | 32193.7 | 31197.9 | 28585.8 | 23995.3 | 19811.3 | 15791.8 | 12263.0 | 9046.1 |
| 10° | 33683.4 | 44490.1 | 50723.9 | 53860.8 | 50723.9 | 44490.1 | 33683.4 | 26838.9 | 20413.6 | 15191.2 | 10916.3 |
| 7.5° | 50126.4 | 66817.5 | 85310.7 | 93866.3 | 85310.7 | 66817.5 | 50126.4 | 34264.8 | 25274.1 | 18355.5 | 13011.2 |
| 5° | 67412.0 | 104058.9 | 136224.3 | 151627.1 | 136224.3 | 104058.9 | 67412.0 | 45674.1 | 30437.4 | 21167.8 | 14845.6 |
| 2.5° | 87279.0 | 136700.9 | 182395.4 | 201608.9 | 182395.4 | 136700.9 | 87279.0 | 54022.4 | 34254.7 | 22841.8 | 15883.5 |
| 0° | 94925.1 | 152493.8 | 202468.5 | 221327.1 | 202468.5 | 152493.8 | 94925.1 | 55819.0 | 34943.7 | 23442.6 | 16073.4 |
| -2.5° | 88461.0 | 139095.1 | 183180.5 | 204728.9 | 183180.5 | 139095.1 | 88461.0 | 53812.4 | 34566.2 | 23420.0 | 16225.1 |
| -5° | 70286.8 | 104632.5 | 137281.8 | 154840.9 | 137281.8 | 104632.5 | 70286.8 | 47361.4 | 31593.3 | 22007.1 | 15376.2 |
| -7.5° | 51586.1 | 70283.5 | 88415.8 | 94756.4 | 88415.8 | 70283.5 | 51586.1 | 36479.8 | 26714.1 | 19435.5 | 13969.6 |
| -10° | 35915.3 | 46622.1 | 53689.7 | 55706.6 | 53689.7 | 46622.1 | 35915.3 | 28684.5 | 22049.5 | 16655.5 | 12112.8 |
| -12.5° | 26627.6 | 31310.7 | 34569.2 | 35135.7 | 34569.2 | 31310.7 | 26627.6 | 22153.9 | 17569.0 | 13780.8 | 10418.5 |
| -15° | 19717.1 | 22098.6 | 23779.2 | 23892.3 | 23779.2 | 22098.6 | 19717.1 | 17009.9 | 13942.8 | 11066.5 | 8369.4 |
| -17.5° | 14413.3 | 16011.8 | 16860.0 | 16799.6 | 16860.0 | 16011.8 | 14413.3 | 12477.0 | 10659.4 | 8469.6 | 6487.5 |
| -20° | 10306.3 | 11269.9 | 11953.3 | 11819.7 | 11953.3 | 11269.9 | 10306.3 | 9017.0 | 7761.4 | 6221.7 | 4913.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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° | 7186.3 | 7826.0 | 8226.4 | 8123.4 | 8226.4 | 7826.0 | 7186.3 | 6301.2 | 5431.3 | 4547.5 | 3591.0 |
| -25° | 4883.0 | 5231.5 | 5429.9 | 5396.9 | 5429.9 | 5231.5 | 4883.0 | 4378.4 | 3781.4 | 3243.4 | 2613.0 |
| -27.5° | 3327.4 | 3511.6 | 3573.1 | 3569.8 | 3573.1 | 3511.6 | 3327.4 | 3020.1 | 2609.1 | 2337.6 | 2006.1 |
| -30° | 2309.5 | 2433.3 | 2504.0 | 2459.5 | 2504.0 | 2433.3 | 2309.5 | 2150.4 | 1936.4 | 1761.8 | 1570.5 |
| -32.5° | 1721.3 | 1791.1 | 1831.5 | 1789.6 | 1831.5 | 1791.1 | 1721.3 | 1633.6 | 1520.0 | 1397.2 | 1264.2 |
| -35° | 1356.6 | 1391.9 | 1406.1 | 1382.0 | 1406.1 | 1391.9 | 1356.6 | 1302.5 | 1229.4 | 1146.7 | 1054.7 |
| -37.5° | 1106.0 | 1126.7 | 1133.7 | 1119.7 | 1133.7 | 1126.7 | 1106.0 | 1073.7 | 1029.3 | 975.7 | 914.9 |
| -40° | 937.1 | 949.8 | 953.0 | 941.6 | 953.0 | 949.8 | 937.1 | 918.0 | 891.1 | 858.3 | 815.7 |
| -42.5° | 820.0 | 827.6 | 829.3 | 824.5 | 829.3 | 827.6 | 820.0 | 807.7 | 788.2 | 762.9 | 734.0 |
| -45° | 732.9 | 739.3 | 740.5 | 735.5 | 740.5 | 739.3 | 732.9 | 723.2 | 707.0 | 685.2 | 659.5 |
| -47.5° | 662.2 | 666.2 | 667.3 | 665.2 | 667.3 | 666.2 | 662.2 | 656.1 | 643.7 | 624.7 | 602.3 |
| -50° | 608.2 | 611.0 | 611.2 | 609.0 | 611.2 | 611.0 | 608.2 | 603.8 | 594.0 | 575.4 | 554.0 |
| -52.5° | 563.0 | 564.9 | 566.3 | 566.9 | 566.3 | 564.9 | 563.0 | 559.5 | 552.1 | 534.5 | 515.8 |
| -55° | 524.9 | 527.4 | 528.9 | 529.4 | 528.9 | 527.4 | 524.9 | 521.4 | 516.5 | 499.8 | 481.3 |
| -57.5° | 492.5 | 494.8 | 496.1 | 496.6 | 496.1 | 494.8 | 492.5 | 489.3 | 485.3 | 469.3 | 451.4 |
| -60° | 458.7 | 461.5 | 463.2 | 463.8 | 463.2 | 461.5 | 458.7 | 455.0 | 450.5 | 436.6 | 419.9 |
| -62.5° | 414.1 | 415.3 | 416.4 | 416.9 | 416.4 | 415.3 | 414.1 | 411.7 | 408.1 | 397.1 | 382.1 |
| -65° | 370.4 | 372.9 | 374.3 | 374.8 | 374.3 | 372.9 | 370.4 | 366.7 | 361.9 | 352.2 | 338.6 |
| -67.5° | 322.9 | 326.2 | 329.7 | 332.6 | 329.7 | 326.2 | 322.9 | 318.7 | 313.6 | 305.4 | 293.7 |
| -70° | 280.0 | 284.2 | 285.5 | 285.8 | 285.5 | 284.2 | 280.0 | 275.2 | 269.7 | 262.4 | 252.5 |
| -72.5° | 238.3 | 242.2 | 245.5 | 248.3 | 245.5 | 242.2 | 238.3 | 233.8 | 228.8 | 222.6 | 214.0 |
| -75° | 196.6 | 200.3 | 201.2 | 201.4 | 201.2 | 200.3 | 196.6 | 192.5 | 187.9 | 182.4 | 174.8 |
| -77.5° | 155.0 | 158.4 | 159.1 | 159.3 | 159.1 | 158.4 | 155.0 | 151.3 | 147.3 | 143.0 | 137.4 |
| -80° | 114.6 | 116.5 | 119.3 | 121.8 | 119.3 | 116.5 | 114.6 | 112.5 | 110.2 | 107.7 | 103.7 |
| -82.5° | 78.8 | 79.3 | 79.5 | 79.6 | 79.5 | 79.3 | 78.8 | 78.2 | 77.3 | 76.1 | 72.7 |
| -85° | 49.9 | 51.3 | 51.4 | 51.5 | 51.4 | 51.3 | 49.9 | 48.3 | 46.8 | 45.2 | 43.4 |
| -87.5° | 23.2 | 23.3 | 23.4 | 23.4 | 23.4 | 23.3 | 23.2 | 23.0 | 22.8 | 22.6 | 21.2 |
| -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: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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 | 0.3 |
| 65° | 1.2 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.1 | 1.3 |
| 62.5° | 4.8 | 5.2 | 5.4 | 4.9 | 3.6 | 2.3 | 2.8 | 3.3 | 2.3 | 0.4 | 1.6 |
| 60° | 17.6 | 11.2 | 15.9 | 17.5 | 15.4 | 11.0 | 11.3 | 10.5 | 8.7 | 6.9 | 4.6 |
| 57.5° | 57.7 | 55.8 | 45.8 | 39.6 | 37.7 | 33.4 | 27.5 | 21.9 | 19.3 | 15.6 | 11.0 |
| 55° | 79.6 | 76.4 | 70.9 | 63.4 | 54.9 | 52.4 | 47.7 | 40.9 | 34.3 | 26.6 | 21.6 |
| 52.5° | 97.9 | 98.7 | 95.6 | 86.6 | 78.9 | 73.9 | 67.4 | 61.0 | 53.0 | 45.5 | 35.5 |
| 50° | 139.8 | 134.5 | 129.5 | 124.3 | 112.4 | 100.7 | 92.5 | 83.7 | 72.3 | 63.8 | 55.3 |
| 47.5° | 178.6 | 170.6 | 165.3 | 158.4 | 144.8 | 132.5 | 119.6 | 107.1 | 92.9 | 79.6 | 71.3 |
| 45° | 211.7 | 200.2 | 189.8 | 181.3 | 169.6 | 155.6 | 144.0 | 130.1 | 113.9 | 98.5 | 84.1 |
| 42.5° | 245.3 | 227.8 | 213.9 | 205.3 | 191.0 | 176.6 | 163.7 | 153.0 | 135.4 | 117.4 | 102.8 |
| 40° | 290.0 | 255.0 | 242.0 | 238.6 | 225.1 | 202.1 | 191.2 | 179.4 | 160.7 | 137.1 | 122.8 |
| 37.5° | 363.8 | 316.9 | 293.9 | 281.8 | 269.5 | 245.7 | 224.4 | 209.0 | 192.2 | 165.6 | 145.1 |
| 35° | 468.2 | 413.1 | 363.0 | 337.1 | 322.6 | 290.2 | 262.1 | 240.9 | 220.9 | 195.7 | 169.2 |
| 32.5° | 559.9 | 497.8 | 437.9 | 392.6 | 360.1 | 330.2 | 298.8 | 272.6 | 246.3 | 220.6 | 194.4 |
| 30° | 693.6 | 590.0 | 507.4 | 443.6 | 401.7 | 364.6 | 331.3 | 299.7 | 269.9 | 242.9 | 216.6 |
| 27.5° | 875.4 | 709.8 | 597.7 | 507.9 | 445.5 | 401.3 | 363.4 | 326.5 | 292.6 | 263.4 | 236.4 |
| 25° | 1142.6 | 878.1 | 710.3 | 589.2 | 498.7 | 442.0 | 398.7 | 356.0 | 316.4 | 283.2 | 260.3 |
| 22.5° | 1526.5 | 1165.1 | 888.7 | 677.1 | 576.1 | 504.3 | 440.3 | 386.7 | 341.7 | 312.1 | 285.0 |
| 20° | 2187.6 | 1559.5 | 1150.9 | 879.3 | 693.5 | 578.2 | 490.7 | 427.7 | 381.8 | 343.6 | 310.0 |
| 17.5° | 3317.6 | 2298.5 | 1490.3 | 1132.3 | 867.8 | 688.7 | 562.6 | 478.9 | 421.0 | 375.3 | 335.2 |
| 15° | 4702.3 | 3154.6 | 2083.3 | 1458.9 | 1063.5 | 780.7 | 630.0 | 529.7 | 461.3 | 408.5 | 360.6 |
| 12.5° | 6144.3 | 3969.2 | 2574.6 | 1707.0 | 1203.5 | 878.7 | 700.8 | 587.6 | 501.6 | 432.5 | 377.3 |
| 10° | 7397.1 | 4806.3 | 3069.6 | 2000.1 | 1361.8 | 972.8 | 756.9 | 624.1 | 525.6 | 449.8 | 391.5 |
| 7.5° | 8781.1 | 5662.3 | 3525.3 | 2214.7 | 1492.5 | 1048.3 | 794.7 | 648.7 | 545.4 | 464.2 | 403.2 |
| 5° | 9806.6 | 6315.8 | 3910.7 | 2410.3 | 1590.8 | 1105.9 | 824.3 | 666.2 | 561.0 | 475.7 | 412.5 |
| 2.5° | 10494.6 | 6770.9 | 4152.6 | 2545.0 | 1651.6 | 1150.0 | 848.0 | 682.7 | 573.0 | 487.4 | 422.8 |
| 0° | 10709.4 | 6816.3 | 4338.1 | 2628.2 | 1691.2 | 1189.9 | 866.7 | 698.0 | 580.9 | 496.6 | 431.0 |
| -2.5° | 10774.9 | 6894.5 | 4319.5 | 2646.4 | 1704.8 | 1211.3 | 874.6 | 700.9 | 587.0 | 500.1 | 432.2 |
| -5° | 10347.0 | 6692.5 | 4222.7 | 2627.8 | 1694.6 | 1210.9 | 887.7 | 706.0 | 590.5 | 501.3 | 431.2 |
| -7.5° | 9595.1 | 6255.8 | 3969.2 | 2508.7 | 1645.5 | 1191.6 | 897.2 | 712.6 | 593.7 | 505.0 | 434.6 |
| -10° | 8451.7 | 5555.4 | 3575.1 | 2309.0 | 1563.7 | 1154.6 | 888.5 | 709.0 | 591.6 | 504.3 | 435.3 |
| -12.5° | 7301.3 | 4770.7 | 3064.6 | 2029.2 | 1430.2 | 1086.1 | 855.1 | 694.5 | 584.2 | 499.2 | 433.2 |
| -15° | 5840.6 | 3993.1 | 2686.2 | 1837.3 | 1310.0 | 1012.3 | 812.8 | 671.8 | 571.7 | 489.9 | 428.3 |
| -17.5° | 4691.1 | 3239.3 | 2200.2 | 1575.8 | 1194.0 | 947.6 | 779.9 | 653.3 | 556.9 | 480.5 | 421.7 |
| -20° | 3608.7 | 2551.3 | 1862.9 | 1386.5 | 1074.7 | 867.8 | 735.4 | 626.2 | 540.0 | 470.6 | 415.4 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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° | 2719.6 | 2066.3 | 1546.2 | 1191.7 | 963.6 | 806.2 | 690.7 | 595.9 | 519.4 | 456.7 | 407.2 |
| -25° | 2113.1 | 1648.1 | 1293.1 | 1052.7 | 865.6 | 738.2 | 649.3 | 571.9 | 503.0 | 442.8 | 397.3 |
| -27.5° | 1671.1 | 1338.1 | 1109.9 | 923.3 | 786.1 | 692.1 | 615.8 | 547.0 | 485.4 | 432.3 | 387.3 |
| -30° | 1353.2 | 1137.1 | 961.1 | 821.2 | 723.4 | 644.8 | 583.3 | 525.9 | 469.0 | 418.9 | 376.5 |
| -32.5° | 1108.5 | 975.7 | 843.4 | 743.0 | 661.8 | 601.6 | 551.5 | 503.1 | 449.0 | 405.1 | 365.2 |
| -35° | 949.2 | 852.6 | 758.6 | 678.6 | 610.1 | 564.2 | 519.7 | 474.3 | 430.3 | 389.5 | 352.3 |
| -37.5° | 838.3 | 759.4 | 688.6 | 624.1 | 573.2 | 530.0 | 490.9 | 450.9 | 410.9 | 373.4 | 339.1 |
| -40° | 751.8 | 684.8 | 629.0 | 579.9 | 539.1 | 502.2 | 466.6 | 429.7 | 394.1 | 356.5 | 324.8 |
| -42.5° | 681.3 | 628.4 | 580.1 | 542.4 | 507.7 | 476.2 | 444.9 | 412.7 | 377.8 | 342.2 | 308.8 |
| -45° | 623.1 | 581.5 | 541.0 | 507.6 | 478.0 | 451.5 | 427.5 | 395.3 | 361.2 | 325.6 | 291.7 |
| -47.5° | 574.2 | 539.8 | 506.1 | 475.0 | 450.6 | 427.6 | 404.5 | 376.1 | 340.3 | 306.7 | 277.8 |
| -50° | 530.8 | 503.2 | 474.6 | 446.0 | 424.6 | 403.6 | 379.2 | 349.5 | 318.5 | 291.0 | 263.7 |
| -52.5° | 496.0 | 471.0 | 446.1 | 422.1 | 401.1 | 379.1 | 352.9 | 327.3 | 300.9 | 275.0 | 249.9 |
| -55° | 460.7 | 440.3 | 420.4 | 400.6 | 380.9 | 358.1 | 334.0 | 308.5 | 282.6 | 258.4 | 232.9 |
| -57.5° | 432.9 | 414.2 | 396.2 | 378.3 | 360.6 | 338.1 | 313.6 | 288.7 | 262.0 | 237.5 | 213.5 |
| -60° | 403.3 | 387.1 | 369.3 | 352.0 | 335.2 | 315.2 | 288.6 | 263.0 | 238.3 | 215.2 | 192.0 |
| -62.5° | 366.7 | 350.9 | 335.4 | 318.6 | 301.0 | 281.2 | 257.0 | 233.4 | 212.1 | 191.9 | 171.0 |
| -65° | 324.5 | 309.9 | 295.0 | 278.5 | 260.0 | 239.7 | 219.1 | 201.8 | 185.3 | 168.2 | 149.8 |
| -67.5° | 281.3 | 268.2 | 252.8 | 236.2 | 220.4 | 204.0 | 189.2 | 174.3 | 158.9 | 143.2 | 126.7 |
| -70° | 242.3 | 231.8 | 219.3 | 204.8 | 189.7 | 174.4 | 160.3 | 146.5 | 132.2 | 119.0 | 106.3 |
| -72.5° | 204.9 | 195.2 | 183.9 | 170.7 | 157.4 | 144.6 | 132.7 | 121.4 | 110.3 | 99.4 | 88.1 |
| -75° | 166.9 | 158.8 | 149.9 | 139.2 | 128.4 | 117.6 | 107.7 | 98.6 | 89.3 | 79.7 | 70.1 |
| -77.5° | 131.6 | 125.7 | 119.2 | 110.7 | 102.3 | 93.8 | 85.5 | 77.2 | 69.5 | 62.3 | 55.6 |
| -80° | 99.5 | 95.1 | 90.1 | 83.4 | 76.6 | 69.9 | 63.3 | 57.7 | 52.4 | 47.6 | 42.9 |
| -82.5° | 69.3 | 65.8 | 62.1 | 57.4 | 52.6 | 47.9 | 43.3 | 39.9 | 36.5 | 33.3 | 30.2 |
| -85° | 41.6 | 39.7 | 37.7 | 35.0 | 32.4 | 29.9 | 27.6 | 25.7 | 23.8 | 21.8 | 19.9 |
| -87.5° | 19.8 | 18.4 | 16.9 | 16.6 | 16.2 | 15.8 | 15.3 | 13.9 | 12.6 | 11.2 | 10.0 |
| -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: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-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 | 0.2 | 0.4 | 0.1 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.0 | 1.0 | 0.3 |
| 70° | 0.0 | 0.0 | 0.0 | 0.4 | 0.5 | 0.0 | 0.0 | 0.6 | 1.8 | 2.0 | 1.4 |
| 67.5° | 0.0 | 0.0 | 0.0 | 1.0 | 1.6 | 1.3 | 0.3 | 0.8 | 1.9 | 3.0 | 2.6 |
| 65° | 1.6 | 1.1 | 0.1 | 1.2 | 2.3 | 3.1 | 2.3 | 1.4 | 2.1 | 3.2 | 3.9 |
| 62.5° | 2.8 | 3.6 | 2.7 | 1.9 | 2.6 | 3.7 | 4.4 | 2.9 | 2.4 | 3.3 | 4.4 |
| 60° | 3.1 | 4.2 | 4.8 | 3.7 | 3.3 | 4.0 | 4.7 | 4.3 | 3.4 | 3.5 | 4.6 |
| 57.5° | 8.3 | 5.3 | 5.3 | 5.1 | 4.3 | 4.4 | 4.7 | 4.7 | 4.2 | 4.0 | 4.7 |
| 55° | 15.3 | 11.2 | 7.9 | 6.4 | 5.3 | 4.7 | 4.8 | 4.7 | 4.7 | 4.3 | 4.7 |
| 52.5° | 26.6 | 19.4 | 14.2 | 9.6 | 7.2 | 5.3 | 5.3 | 4.7 | 4.7 | 4.6 | 4.7 |
| 50° | 42.4 | 30.5 | 22.4 | 16.1 | 10.0 | 7.8 | 6.1 | 5.5 | 4.7 | 4.7 | 4.7 |
| 47.5° | 62.0 | 45.5 | 32.6 | 23.5 | 16.5 | 10.6 | 8.4 | 6.5 | 4.7 | 4.7 | 4.7 |
| 45° | 76.5 | 63.5 | 45.4 | 32.9 | 23.1 | 16.0 | 11.3 | 7.7 | 5.8 | 4.9 | 4.7 |
| 42.5° | 90.7 | 79.0 | 61.8 | 42.1 | 31.8 | 22.0 | 14.3 | 10.4 | 7.1 | 5.2 | 4.9 |
| 40° | 108.9 | 94.3 | 77.5 | 57.5 | 41.4 | 28.0 | 19.5 | 13.3 | 8.6 | 6.0 | 5.2 |
| 37.5° | 127.7 | 111.3 | 93.0 | 72.2 | 52.2 | 37.1 | 24.7 | 16.5 | 10.8 | 7.6 | 5.7 |
| 35° | 148.8 | 129.1 | 108.3 | 86.2 | 65.0 | 46.5 | 29.7 | 20.2 | 13.8 | 9.3 | 6.3 |
| 32.5° | 170.1 | 146.2 | 122.6 | 99.9 | 76.9 | 56.1 | 36.8 | 25.0 | 16.6 | 11.1 | 6.9 |
| 30° | 190.8 | 163.1 | 135.8 | 112.9 | 88.3 | 66.4 | 45.7 | 30.3 | 19.4 | 13.0 | 7.8 |
| 27.5° | 209.6 | 179.6 | 148.6 | 124.5 | 99.7 | 76.0 | 54.7 | 36.0 | 22.0 | 15.1 | 9.3 |
| 25° | 229.2 | 196.5 | 163.2 | 134.9 | 110.4 | 85.7 | 62.9 | 42.0 | 26.0 | 17.3 | 10.8 |
| 22.5° | 251.5 | 213.5 | 177.3 | 144.3 | 121.7 | 95.1 | 70.9 | 49.2 | 30.7 | 19.4 | 12.3 |
| 20° | 275.5 | 230.3 | 191.4 | 157.6 | 132.3 | 104.8 | 78.8 | 55.8 | 35.5 | 21.4 | 13.8 |
| 17.5° | 300.0 | 248.7 | 208.5 | 172.8 | 142.7 | 113.9 | 86.3 | 61.8 | 40.3 | 23.3 | 15.3 |
| 15° | 316.7 | 267.2 | 223.8 | 186.9 | 153.2 | 122.3 | 93.4 | 67.3 | 45.0 | 25.1 | 16.7 |
| 12.5° | 330.7 | 283.1 | 237.3 | 200.1 | 163.6 | 130.0 | 100.0 | 72.2 | 49.6 | 27.5 | 18.1 |
| 10° | 343.0 | 296.5 | 249.1 | 212.1 | 173.6 | 136.9 | 106.1 | 76.5 | 53.9 | 30.5 | 19.4 |
| 7.5° | 353.6 | 307.6 | 259.3 | 223.0 | 183.1 | 143.9 | 111.1 | 80.3 | 57.6 | 33.6 | 20.6 |
| 5° | 362.5 | 317.1 | 267.7 | 230.0 | 191.9 | 151.3 | 115.4 | 83.7 | 60.8 | 36.6 | 21.7 |
| 2.5° | 369.6 | 325.8 | 275.0 | 235.1 | 199.6 | 158.1 | 119.0 | 86.6 | 63.4 | 39.5 | 22.6 |
| 0° | 374.8 | 332.6 | 281.1 | 238.9 | 206.1 | 164.0 | 121.8 | 89.0 | 65.6 | 42.2 | 23.4 |
| -2.5° | 378.2 | 333.7 | 287.5 | 243.3 | 210.0 | 168.9 | 127.5 | 92.0 | 67.3 | 44.6 | 24.8 |
| -5° | 379.7 | 333.6 | 292.4 | 246.7 | 212.9 | 172.8 | 132.2 | 94.5 | 68.7 | 46.6 | 26.1 |
| -7.5° | 381.8 | 335.2 | 294.9 | 249.4 | 214.8 | 175.8 | 135.9 | 96.4 | 69.8 | 48.3 | 27.3 |
| -10° | 382.6 | 336.7 | 295.6 | 252.7 | 216.3 | 178.0 | 138.3 | 97.6 | 70.5 | 49.5 | 28.3 |
| -12.5° | 381.4 | 336.6 | 295.4 | 254.6 | 217.1 | 179.3 | 139.5 | 99.4 | 71.2 | 50.3 | 29.1 |
| -15° | 378.4 | 334.6 | 294.7 | 254.7 | 217.0 | 179.7 | 139.9 | 101.1 | 72.6 | 50.5 | 29.9 |
| -17.5° | 373.8 | 330.7 | 293.7 | 253.2 | 216.1 | 179.5 | 139.5 | 101.8 | 73.3 | 50.1 | 30.6 |
| -20° | 369.1 | 327.2 | 292.1 | 249.8 | 214.5 | 178.5 | 138.3 | 101.7 | 73.3 | 49.4 | 31.2 |

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

Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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° | 363.0 | 323.8 | 286.9 | 246.4 | 212.2 | 176.8 | 136.4 | 100.5 | 72.5 | 48.3 | 31.6 |
| -25° | 355.3 | 318.8 | 281.0 | 243.8 | 209.2 | 173.5 | 134.1 | 98.3 | 70.8 | 46.8 | 31.7 |
| -27.5° | 347.7 | 311.9 | 274.7 | 240.1 | 205.1 | 169.5 | 131.1 | 96.2 | 68.4 | 44.9 | 31.6 |
| -30° | 338.7 | 304.2 | 269.3 | 235.1 | 199.4 | 163.8 | 126.8 | 92.9 | 65.8 | 44.0 | 31.3 |
| -32.5° | 328.9 | 296.4 | 263.1 | 227.6 | 192.3 | 157.4 | 121.3 | 88.5 | 62.9 | 43.4 | 30.9 |
| -35° | 319.1 | 287.8 | 255.6 | 218.2 | 184.5 | 150.5 | 115.7 | 82.9 | 59.6 | 42.5 | 30.5 |
| -37.5° | 307.5 | 277.0 | 243.5 | 208.1 | 176.3 | 143.2 | 110.5 | 79.7 | 55.8 | 41.3 | 29.9 |
| -40° | 294.3 | 263.9 | 229.8 | 198.6 | 167.7 | 135.3 | 104.9 | 76.8 | 53.5 | 39.7 | 29.2 |
| -42.5° | 279.6 | 249.2 | 218.7 | 189.0 | 158.6 | 128.7 | 99.1 | 73.1 | 52.4 | 38.5 | 28.4 |
| -45° | 264.4 | 235.9 | 208.3 | 179.0 | 149.5 | 121.7 | 94.3 | 69.1 | 50.8 | 37.4 | 27.5 |
| -47.5° | 250.2 | 224.6 | 197.0 | 168.3 | 141.5 | 114.6 | 88.6 | 66.5 | 48.6 | 36.1 | 26.6 |
| -50° | 238.2 | 212.2 | 184.6 | 157.4 | 132.2 | 107.3 | 82.7 | 63.1 | 46.8 | 34.7 | 25.4 |
| -52.5° | 224.4 | 198.1 | 171.1 | 145.4 | 122.2 | 99.2 | 77.7 | 59.0 | 44.2 | 33.0 | 24.0 |
| -55° | 207.9 | 181.9 | 156.0 | 133.5 | 111.8 | 91.5 | 71.8 | 54.7 | 40.9 | 31.0 | 22.4 |
| -57.5° | 188.7 | 163.4 | 142.2 | 121.7 | 101.4 | 82.9 | 65.2 | 49.5 | 37.9 | 28.8 | 20.7 |
| -60° | 169.0 | 148.5 | 129.1 | 109.1 | 90.4 | 73.6 | 57.8 | 44.4 | 34.8 | 26.3 | 18.7 |
| -62.5° | 151.4 | 132.7 | 113.6 | 95.3 | 79.0 | 63.8 | 50.0 | 40.4 | 31.5 | 23.6 | 16.5 |
| -65° | 131.7 | 114.0 | 96.9 | 81.9 | 67.4 | 54.6 | 44.9 | 36.1 | 27.9 | 20.7 | 14.6 |
| -67.5° | 110.5 | 96.4 | 82.0 | 68.3 | 57.6 | 48.2 | 39.5 | 31.4 | 24.1 | 17.5 | 13.4 |
| -70° | 93.4 | 80.2 | 68.4 | 58.6 | 49.7 | 41.4 | 33.7 | 26.5 | 20.0 | 15.7 | 12.1 |
| -72.5° | 77.1 | 66.8 | 57.6 | 49.2 | 41.5 | 34.3 | 27.6 | 21.7 | 17.4 | 13.7 | 10.6 |
| -75° | 61.4 | 54.0 | 46.7 | 39.5 | 33.0 | 27.1 | 22.6 | 18.3 | 14.7 | 11.7 | 9.3 |
| -77.5° | 49.2 | 42.6 | 35.9 | 30.8 | 26.8 | 22.7 | 18.6 | 14.8 | 12.2 | 10.1 | 8.0 |
| -80° | 37.8 | 33.2 | 29.2 | 25.7 | 22.0 | 18.3 | 15.2 | 12.5 | 10.5 | 8.6 | 6.7 |
| -82.5° | 27.2 | 24.8 | 22.6 | 20.6 | 17.7 | 15.1 | 12.7 | 10.6 | 8.8 | 7.1 | 5.2 |
| -85° | 18.6 | 17.4 | 16.4 | 15.4 | 13.5 | 11.7 | 9.7 | 7.9 | 6.3 | 4.8 | 3.5 |
| -87.5° | 9.5 | 9.1 | 8.6 | 8.1 | 6.9 | 5.9 | 4.9 | 4.0 | 3.1 | 2.4 | 1.8 |
| -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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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 | 0.4 | 0.0 |
| 77.5° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| 75° | 0.1 | 0.4 | 0.1 | 0.0 | 0.1 | 0.6 | 0.0 |
| 72.5° | 0.2 | 0.7 | 0.5 | 0.0 | 0.1 | 0.7 | 0.0 |
| 70° | 0.5 | 1.1 | 1.0 | 0.1 | 0.2 | 0.9 | 0.0 |
| 67.5° | 1.7 | 1.4 | 1.4 | 0.6 | 0.3 | 1.0 | 0.0 |
| 65° | 2.7 | 2.0 | 1.9 | 1.0 | 0.4 | 1.1 | 0.0 |
| 62.5° | 3.7 | 2.7 | 2.4 | 1.5 | 0.5 | 1.2 | 0.0 |
| 60° | 4.6 | 3.3 | 2.9 | 2.0 | 0.6 | 1.3 | 0.0 |
| 57.5° | 4.7 | 3.8 | 3.3 | 2.5 | 1.0 | 1.5 | 0.0 |
| 55° | 4.7 | 4.3 | 3.6 | 3.0 | 1.4 | 1.6 | 0.0 |
| 52.5° | 4.7 | 4.7 | 3.9 | 3.5 | 1.8 | 1.7 | 0.0 |
| 50° | 4.7 | 4.7 | 4.1 | 4.0 | 2.1 | 1.9 | 0.0 |
| 47.5° | 4.7 | 4.7 | 4.4 | 4.5 | 2.4 | 2.0 | 0.0 |
| 45° | 4.7 | 4.7 | 4.5 | 4.6 | 2.7 | 2.1 | 0.0 |
| 42.5° | 4.7 | 4.7 | 4.7 | 4.7 | 3.0 | 2.3 | 0.0 |
| 40° | 4.7 | 4.7 | 4.7 | 4.7 | 3.3 | 2.4 | 0.0 |
| 37.5° | 4.7 | 4.7 | 4.7 | 4.7 | 3.5 | 2.6 | 0.0 |
| 35° | 4.7 | 4.7 | 4.7 | 4.7 | 3.7 | 2.7 | 0.0 |
| 32.5° | 4.8 | 4.7 | 4.7 | 4.7 | 3.9 | 2.9 | 0.0 |
| 30° | 5.3 | 4.7 | 4.7 | 4.7 | 4.1 | 3.1 | 0.0 |
| 27.5° | 5.9 | 4.7 | 4.7 | 4.7 | 4.2 | 3.2 | 0.0 |
| 25° | 6.4 | 4.7 | 4.7 | 4.7 | 4.3 | 3.4 | 0.0 |
| 22.5° | 7.0 | 4.8 | 4.7 | 4.7 | 4.4 | 3.5 | 0.0 |
| 20° | 7.6 | 5.1 | 4.7 | 4.7 | 4.5 | 3.7 | 0.0 |
| 17.5° | 8.4 | 5.6 | 4.7 | 4.7 | 4.6 | 3.8 | 0.0 |
| 15° | 9.4 | 6.0 | 4.7 | 4.7 | 4.6 | 4.0 | 0.0 |
| 12.5° | 10.3 | 6.6 | 4.7 | 4.7 | 4.7 | 4.1 | 0.0 |
| 10° | 11.2 | 7.1 | 4.7 | 4.7 | 4.7 | 4.2 | 0.0 |
| 7.5° | 12.0 | 7.7 | 4.7 | 4.7 | 4.7 | 4.4 | 0.0 |
| 5° | 12.7 | 8.3 | 4.7 | 4.7 | 4.7 | 4.5 | 0.0 |
| 2.5° | 13.4 | 8.9 | 4.7 | 4.7 | 4.7 | 4.6 | 0.0 |
| 0° | 14.1 | 9.4 | 4.7 | 4.7 | 4.7 | 4.7 | 0.0 |
| -2.5° | 15.3 | 9.9 | 5.1 | 4.7 | 4.7 | 4.7 | 0.0 |
| -5° | 16.4 | 10.3 | 5.5 | 4.7 | 4.7 | 4.7 | 0.0 |
| -7.5° | 17.5 | 10.8 | 5.9 | 4.7 | 4.7 | 4.7 | 0.0 |
| -10° | 18.4 | 11.1 | 6.2 | 4.7 | 4.7 | 4.6 | 0.0 |
| -12.5° | 19.1 | 11.4 | 6.6 | 4.7 | 4.7 | 4.6 | 0.0 |
| -15° | 19.7 | 11.7 | 6.8 | 4.7 | 4.7 | 4.5 | 0.0 |
| -17.5° | 20.1 | 11.9 | 7.0 | 4.7 | 4.7 | 4.5 | 0.0 |
| -20° | 20.4 | 12.0 | 7.2 | 4.7 | 4.7 | 4.4 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627238 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 20.7 | 12.1 | 7.2 | 4.7 | 4.7 | 4.3 | 0.0 |
| -25° | 20.8 | 12.4 | 7.2 | 4.7 | 4.7 | 4.3 | 0.0 |
| -27.5° | 20.8 | 12.8 | 7.1 | 4.7 | 4.7 | 4.2 | 0.0 |
| -30° | 20.7 | 13.0 | 6.9 | 4.7 | 4.7 | 4.1 | 0.0 |
| -32.5° | 20.5 | 13.1 | 6.9 | 4.7 | 4.7 | 4.0 | 0.0 |
| -35° | 20.4 | 13.0 | 6.8 | 4.7 | 4.7 | 3.8 | 0.0 |
| -37.5° | 20.3 | 12.9 | 6.6 | 4.7 | 4.7 | 3.7 | 0.0 |
| -40° | 20.1 | 12.6 | 6.4 | 4.7 | 4.7 | 3.6 | 0.0 |
| -42.5° | 19.6 | 12.3 | 6.3 | 4.7 | 4.7 | 3.5 | 0.0 |
| -45° | 19.0 | 11.8 | 6.5 | 4.9 | 4.7 | 3.3 | 0.0 |
| -47.5° | 18.3 | 11.1 | 6.6 | 5.0 | 4.7 | 3.2 | 0.0 |
| -50° | 17.3 | 10.4 | 6.7 | 5.0 | 4.7 | 3.0 | 0.0 |
| -52.5° | 16.2 | 9.6 | 6.7 | 5.1 | 4.7 | 2.9 | 0.0 |
| -55° | 15.0 | 9.3 | 6.6 | 5.1 | 4.7 | 2.7 | 0.0 |
| -57.5° | 13.6 | 9.1 | 6.6 | 5.1 | 4.7 | 2.5 | 0.0 |
| -60° | 12.2 | 8.8 | 6.4 | 5.1 | 4.7 | 2.3 | 0.0 |
| -62.5° | 11.6 | 8.4 | 6.2 | 5.0 | 4.3 | 2.2 | 0.0 |
| -65° | 10.8 | 8.0 | 6.0 | 4.9 | 4.0 | 2.0 | 0.0 |
| -67.5° | 10.0 | 7.5 | 5.7 | 4.8 | 3.6 | 1.8 | 0.0 |
| -70° | 9.1 | 6.9 | 5.4 | 4.7 | 3.2 | 1.6 | 0.0 |
| -72.5° | 8.1 | 6.3 | 5.1 | 4.2 | 2.8 | 1.4 | 0.0 |
| -75° | 7.1 | 5.6 | 4.8 | 3.6 | 2.4 | 1.2 | 0.0 |
| -77.5° | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 0.0 |
| -80° | 4.8 | 4.0 | 3.2 | 2.4 | 1.6 | 0.8 | 0.0 |
| -82.5° | 3.6 | 3.0 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| -85° | 2.4 | 2.0 | 1.6 | 1.2 | 0.8 | 0.4 | 0.0 |
| -87.5° | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)