

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-727-U-VWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

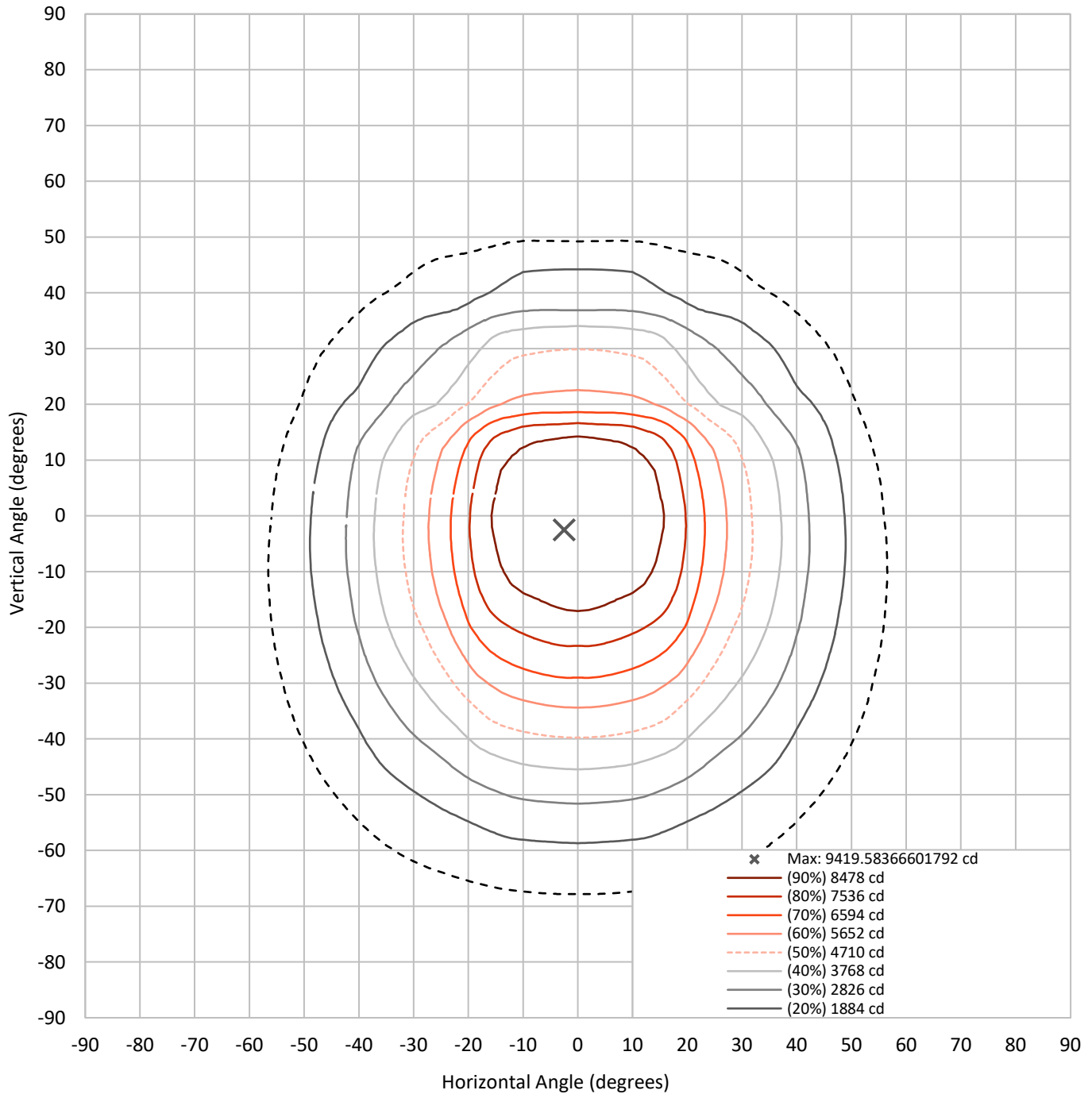
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 12570.8 lumens | Max Intensity: | 9419.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 97.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 63.9°H x 69.6°V | Field Angle (10%): | 112.5°H x 117.1°V |
| Beam Lumens: | 7273 lumens | Field Lumens: | 11928.9 lumens |
| Beam Efficiency: | 57.9% | Field Efficiency: | 94.9% |
| Input Watts (W): | 129.5 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

Iso-Candela Plot





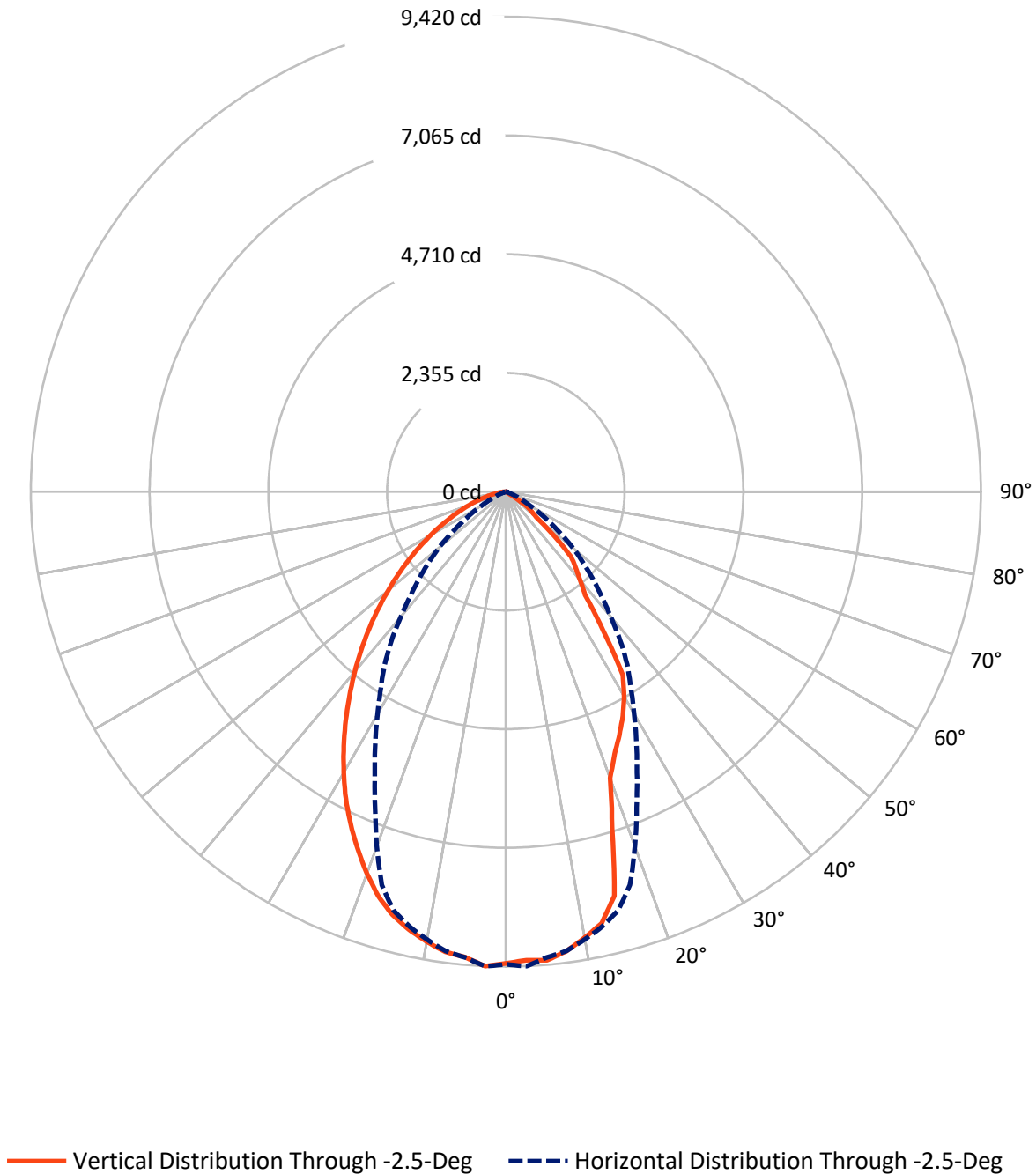
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | | | |
| 50 | | 0.1 | 0.2 | 1.2 | 3.4 | 6.6 | 9.8 | 12.2 | 12.2 | 9.8 | 6.6 | 3.4 | 1.2 | 0.2 | 0.1 | | | | |
| 40 | 0.2 | 0.2 | 1.4 | 6.4 | 15.6 | 28.1 | 41.4 | 50.7 | 50.7 | 41.4 | 28.1 | 15.6 | 6.4 | 1.4 | 0.2 | 0.2 | | | |
| 30 | | 0.6 | 4.7 | 16.3 | 36.4 | 59.1 | 88.6 | 103.5 | 103.5 | 88.6 | 59.1 | 36.4 | 16.3 | 4.7 | 0.6 | | | | |
| 20 | 0.4 | 1.4 | 9.0 | 28.9 | 58.7 | 93.1 | 139.6 | 160.5 | 160.5 | 139.6 | 93.1 | 58.7 | 28.9 | 9.0 | 1.4 | 0.4 | | | |
| 10 | | 2.4 | 13.9 | 42.8 | 84.6 | 139.2 | 207.2 | 237.6 | 237.6 | 207.2 | 139.2 | 84.6 | 42.8 | 13.9 | 2.4 | | | | |
| 0 | 0.6 | 3.3 | 18.0 | 50.9 | 101.1 | 166.3 | 244.7 | 277.7 | 277.7 | 244.7 | 166.3 | 101.1 | 50.9 | 18.0 | 3.3 | 0.6 | | | |
| -10 | | 3.9 | 19.9 | 52.8 | 103.8 | 170.1 | 246.5 | 278.7 | 278.7 | 246.5 | 170.1 | 103.8 | 52.8 | 19.9 | 3.9 | | | | |
| -20 | 0.8 | 4.0 | 19.4 | 50.0 | 97.9 | 159.3 | 228.8 | 258.5 | 258.5 | 228.8 | 159.3 | 97.9 | 50.0 | 19.4 | 4.0 | 0.8 | | | |
| -30 | | 3.7 | 17.0 | 43.6 | 84.6 | 135.4 | 191.8 | 217.2 | 217.2 | 191.8 | 135.4 | 84.6 | 43.6 | 17.0 | 3.7 | | | | |
| -40 | 0.8 | 3.1 | 13.5 | 34.3 | 66.5 | 104.5 | 146.5 | 165.8 | 165.8 | 146.5 | 104.5 | 66.5 | 34.3 | 13.5 | 3.1 | 0.8 | | | |
| -50 | | 2.5 | 10.0 | 24.5 | 47.7 | 73.5 | 101.4 | 115.0 | 115.0 | 101.4 | 73.5 | 47.7 | 24.5 | 10.0 | 2.5 | | | | |
| -60 | 0.6 | 1.8 | 6.5 | 15.7 | 29.6 | 45.6 | 62.0 | 70.6 | 70.6 | 62.0 | 45.6 | 29.6 | 15.7 | 6.5 | 1.8 | 0.6 | | | |
| -70 | | 1.3 | 4.0 | 9.2 | 16.3 | 24.2 | 32.0 | 36.3 | 36.3 | 32.0 | 24.2 | 16.3 | 9.2 | 4.0 | 1.3 | | | | |
| -80 | 0.2 | 2.9 | 13.6 | 29.6 | 33.0 | 29.6 | 13.6 | 2.9 | 0.2 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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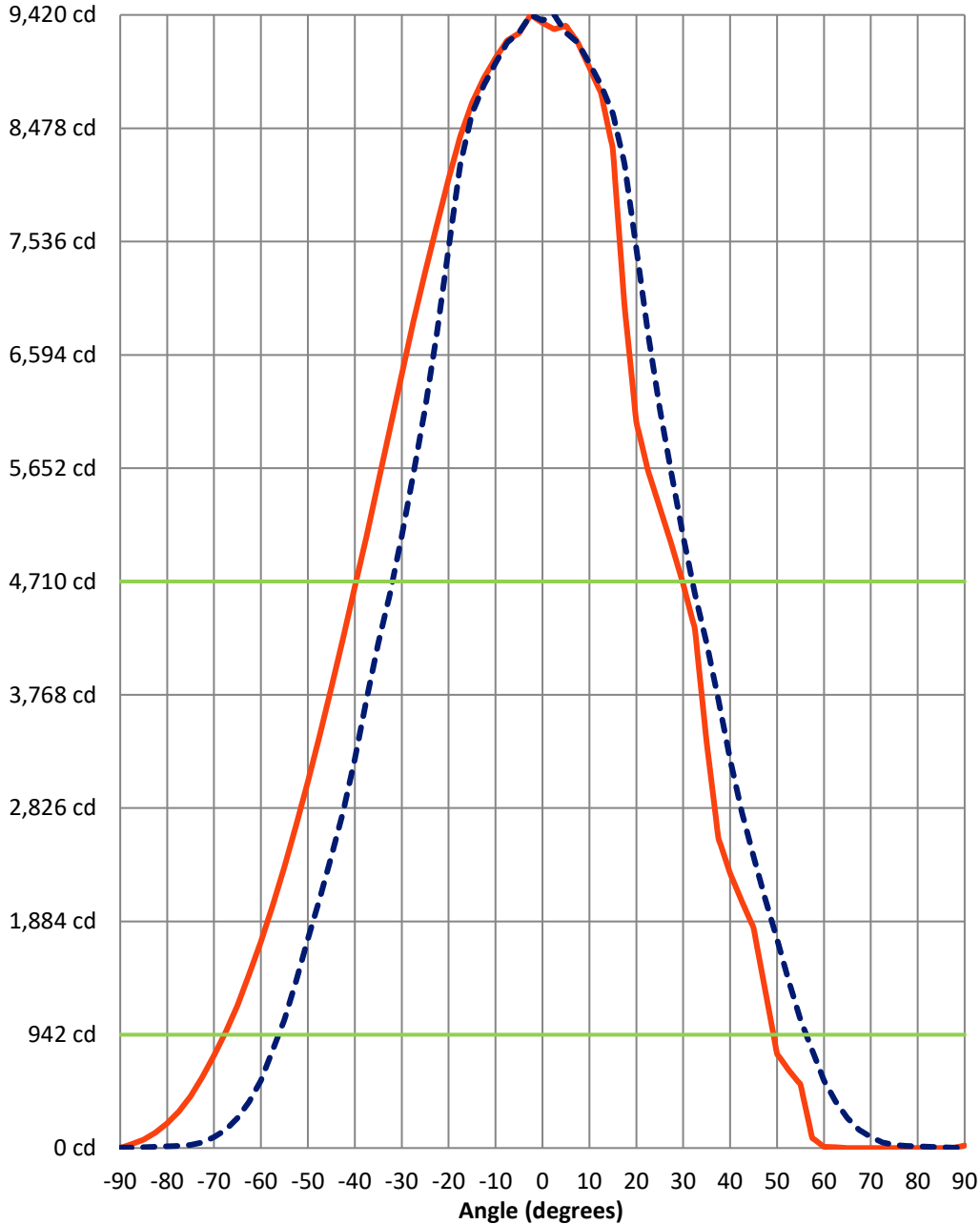
Luminous Intensity Polar Plot





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 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 7273
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 11928.9
 Efficiency: 94.9%

Spill:
 Lumens: 641.9
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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° | 3.5 | 3.5 | 3.5 | 4.4 | 5.3 | 6.1 | 7.0 | 7.9 | 8.8 | 9.6 | 10.5 |
| 87.5° | 3.5 | 3.5 | 3.5 | 3.4 | 3.2 | 2.9 | 2.6 | 1.8 | 1.2 | 0.5 | 0.0 |
| 85° | 3.5 | 3.5 | 3.5 | 3.3 | 2.9 | 2.4 | 1.7 | 1.1 | 0.6 | 0.2 | 0.0 |
| 82.5° | 3.5 | 3.5 | 3.5 | 3.2 | 2.6 | 1.8 | 0.8 | 0.3 | 0.1 | 0.5 | 0.9 |
| 80° | 3.5 | 3.5 | 3.5 | 3.1 | 2.3 | 1.3 | 0.2 | 0.7 | 1.3 | 1.8 | 2.4 |
| 77.5° | 3.5 | 3.5 | 3.5 | 3.0 | 2.1 | 1.2 | 1.1 | 1.7 | 2.4 | 3.2 | 3.2 |
| 75° | 3.5 | 3.5 | 3.5 | 2.9 | 1.9 | 1.7 | 2.0 | 2.7 | 3.5 | 2.8 | 1.8 |
| 72.5° | 3.5 | 3.5 | 3.5 | 2.8 | 2.2 | 2.3 | 2.8 | 3.5 | 3.0 | 2.0 | 0.6 |
| 70° | 3.5 | 3.5 | 3.5 | 2.8 | 2.5 | 2.8 | 3.5 | 3.3 | 2.6 | 1.3 | 1.6 |
| 67.5° | 3.5 | 3.5 | 3.5 | 2.9 | 2.8 | 3.3 | 3.6 | 3.2 | 2.3 | 2.7 | 3.1 |
| 65° | 3.5 | 3.5 | 3.5 | 3.0 | 3.0 | 3.6 | 3.7 | 3.2 | 3.5 | 4.1 | 4.3 |
| 62.5° | 3.5 | 3.5 | 3.5 | 3.1 | 3.3 | 3.9 | 3.9 | 4.0 | 4.7 | 5.3 | 4.8 |
| 60° | 3.5 | 3.5 | 3.5 | 3.2 | 3.5 | 4.2 | 4.2 | 5.0 | 5.9 | 6.1 | 5.5 |
| 57.5° | 3.5 | 3.5 | 3.5 | 3.3 | 3.8 | 4.5 | 5.0 | 6.1 | 6.9 | 7.0 | 6.9 |
| 55° | 3.5 | 3.5 | 3.6 | 3.4 | 4.2 | 4.9 | 5.9 | 7.1 | 8.0 | 8.1 | 8.5 |
| 52.5° | 3.5 | 3.5 | 3.7 | 3.4 | 4.6 | 5.4 | 6.7 | 8.1 | 9.1 | 9.7 | 10.2 |
| 50° | 3.5 | 3.5 | 3.7 | 3.5 | 4.9 | 6.1 | 7.6 | 9.1 | 10.4 | 11.2 | 11.9 |
| 47.5° | 3.5 | 3.5 | 3.8 | 3.6 | 5.3 | 6.8 | 8.4 | 10.1 | 11.7 | 12.7 | 13.5 |
| 45° | 3.5 | 3.5 | 3.9 | 3.9 | 5.8 | 7.5 | 9.3 | 11.1 | 13.0 | 14.1 | 15.1 |
| 42.5° | 3.5 | 3.5 | 4.0 | 4.2 | 6.2 | 8.1 | 10.1 | 12.1 | 14.3 | 15.6 | 18.4 |
| 40° | 3.5 | 3.5 | 4.2 | 4.6 | 6.7 | 8.8 | 10.9 | 13.3 | 15.7 | 17.1 | 21.9 |
| 37.5° | 3.5 | 3.5 | 4.3 | 5.1 | 7.2 | 9.4 | 11.6 | 14.6 | 17.2 | 19.4 | 25.5 |
| 35° | 3.5 | 3.5 | 4.4 | 5.6 | 7.7 | 10.0 | 12.4 | 15.9 | 18.7 | 23.8 | 32.5 |
| 32.5° | 3.5 | 3.5 | 4.6 | 6.0 | 8.1 | 10.6 | 13.2 | 17.2 | 20.3 | 29.0 | 46.4 |
| 30° | 3.5 | 3.5 | 4.8 | 6.5 | 8.6 | 11.2 | 14.3 | 18.5 | 22.0 | 34.9 | 59.9 |
| 27.5° | 3.5 | 3.5 | 5.0 | 6.9 | 9.2 | 11.7 | 15.3 | 19.9 | 24.9 | 41.5 | 73.0 |
| 25° | 3.5 | 3.5 | 5.1 | 7.3 | 9.7 | 12.3 | 16.3 | 21.3 | 30.0 | 51.1 | 85.8 |
| 22.5° | 3.5 | 3.5 | 5.3 | 7.7 | 10.2 | 12.8 | 17.4 | 22.7 | 35.3 | 61.7 | 102.7 |
| 20° | 3.5 | 3.5 | 5.5 | 8.1 | 10.8 | 13.5 | 18.4 | 24.0 | 40.9 | 71.7 | 119.5 |
| 17.5° | 3.5 | 3.5 | 5.7 | 8.4 | 11.3 | 14.1 | 19.4 | 25.4 | 46.5 | 81.2 | 136.1 |
| 15° | 3.5 | 3.5 | 5.9 | 8.8 | 11.7 | 14.7 | 20.4 | 27.1 | 52.2 | 90.1 | 152.1 |
| 12.5° | 3.5 | 3.5 | 6.1 | 9.1 | 12.2 | 15.2 | 21.3 | 29.6 | 58.6 | 98.3 | 167.5 |
| 10° | 3.5 | 3.5 | 6.3 | 9.4 | 12.6 | 15.8 | 22.1 | 32.2 | 65.3 | 107.9 | 182.9 |
| 7.5° | 3.5 | 3.5 | 6.5 | 9.7 | 13.0 | 16.3 | 22.8 | 34.8 | 71.7 | 117.2 | 199.2 |
| 5° | 3.5 | 3.5 | 6.7 | 10.0 | 13.4 | 16.8 | 23.5 | 37.4 | 77.6 | 125.8 | 214.1 |
| 2.5° | 3.5 | 3.5 | 6.8 | 10.3 | 13.8 | 17.2 | 24.1 | 39.9 | 83.1 | 133.7 | 227.5 |
| 0° | 3.5 | 3.5 | 7.0 | 10.5 | 14.1 | 17.6 | 24.6 | 42.2 | 87.9 | 140.7 | 239.1 |
| -2.5° | 3.5 | 3.5 | 7.0 | 10.5 | 14.1 | 17.6 | 24.6 | 42.2 | 87.9 | 140.7 | 239.1 |
| -5° | 3.5 | 3.5 | 7.0 | 10.5 | 14.7 | 18.3 | 27.2 | 50.4 | 94.2 | 161.5 | 258.1 |
| -7.5° | 3.5 | 3.5 | 6.9 | 10.4 | 14.9 | 18.6 | 28.3 | 53.8 | 96.4 | 169.4 | 264.8 |
| -10° | 3.5 | 3.5 | 6.9 | 10.3 | 15.0 | 18.9 | 29.2 | 56.7 | 98.0 | 175.2 | 269.8 |
| -12.5° | 3.5 | 3.5 | 6.8 | 10.2 | 15.1 | 19.1 | 29.9 | 58.8 | 99.1 | 178.2 | 273.6 |
| -15° | 3.5 | 3.5 | 6.8 | 10.1 | 15.2 | 19.3 | 30.4 | 60.1 | 101.2 | 177.9 | 275.0 |
| -17.5° | 3.5 | 3.5 | 6.7 | 10.0 | 15.2 | 19.4 | 30.5 | 61.4 | 104.2 | 176.1 | 273.3 |
| -20° | 3.5 | 3.5 | 6.6 | 9.9 | 15.1 | 19.6 | 31.3 | 62.6 | 106.2 | 172.8 | 268.3 |

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Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 3.5 | 3.5 | 6.5 | 9.7 | 14.9 | 19.6 | 33.3 | 63.2 | 107.1 | 168.2 | 259.8 |
| -25° | 3.5 | 3.5 | 6.3 | 9.5 | 14.6 | 20.9 | 35.0 | 63.0 | 106.8 | 162.2 | 247.6 |
| -27.5° | 3.5 | 3.5 | 6.2 | 9.3 | 14.2 | 22.6 | 36.2 | 62.1 | 105.3 | 157.2 | 238.7 |
| -30° | 3.5 | 3.5 | 6.1 | 9.1 | 13.9 | 24.0 | 37.1 | 60.3 | 103.3 | 154.9 | 228.7 |
| -32.5° | 3.5 | 3.5 | 5.9 | 8.8 | 14.4 | 25.1 | 37.6 | 60.4 | 100.8 | 151.0 | 217.4 |
| -35° | 3.5 | 3.5 | 5.7 | 8.6 | 14.8 | 26.1 | 38.6 | 60.7 | 97.3 | 145.6 | 204.9 |
| -37.5° | 3.5 | 3.5 | 5.6 | 8.3 | 15.0 | 26.6 | 39.6 | 60.5 | 92.8 | 138.5 | 199.3 |
| -40° | 3.5 | 3.5 | 5.4 | 8.0 | 15.1 | 26.8 | 40.2 | 59.7 | 87.3 | 131.8 | 193.1 |
| -42.5° | 3.5 | 3.5 | 5.2 | 7.9 | 15.2 | 26.8 | 40.4 | 58.3 | 84.1 | 126.3 | 183.5 |
| -45° | 3.5 | 3.5 | 4.9 | 7.9 | 15.3 | 26.6 | 40.2 | 57.1 | 81.9 | 119.6 | 171.5 |
| -47.5° | 3.5 | 3.5 | 4.7 | 7.9 | 15.2 | 26.2 | 39.6 | 56.2 | 78.9 | 111.5 | 162.0 |
| -50° | 3.5 | 3.5 | 4.5 | 7.8 | 14.9 | 25.6 | 38.8 | 54.9 | 76.6 | 108.6 | 150.7 |
| -52.5° | 3.5 | 3.5 | 4.3 | 7.6 | 14.5 | 24.8 | 37.7 | 52.9 | 74.6 | 104.7 | 138.5 |
| -55° | 3.5 | 3.5 | 4.0 | 7.4 | 13.8 | 23.8 | 36.4 | 50.5 | 72.2 | 100.0 | 132.8 |
| -57.5° | 3.5 | 3.5 | 3.8 | 7.1 | 13.1 | 22.5 | 34.8 | 48.4 | 68.8 | 95.0 | 125.9 |
| -60° | 3.5 | 3.5 | 3.5 | 6.8 | 12.1 | 21.0 | 32.9 | 46.0 | 64.5 | 89.1 | 118.1 |
| -62.5° | 3.5 | 3.5 | 3.5 | 6.5 | 11.5 | 19.2 | 30.2 | 42.9 | 59.1 | 82.0 | 108.9 |
| -65° | 3.5 | 3.5 | 3.5 | 6.0 | 10.7 | 17.2 | 27.2 | 38.9 | 52.7 | 72.8 | 98.4 |
| -67.5° | 3.5 | 3.5 | 3.5 | 5.6 | 9.9 | 15.5 | 23.9 | 34.1 | 45.2 | 62.0 | 84.6 |
| -70° | 3.5 | 3.5 | 3.5 | 5.1 | 9.0 | 14.0 | 20.4 | 29.1 | 38.7 | 50.0 | 68.4 |
| -72.5° | 3.5 | 3.5 | 3.5 | 4.9 | 8.0 | 12.5 | 18.0 | 23.8 | 31.9 | 41.5 | 52.3 |
| -75° | 3.5 | 3.5 | 3.5 | 4.9 | 7.0 | 10.9 | 15.7 | 20.0 | 24.9 | 32.7 | 41.6 |
| -77.5° | 3.5 | 3.5 | 3.5 | 4.8 | 6.6 | 9.2 | 13.2 | 16.8 | 20.6 | 24.7 | 30.5 |
| -80° | 3.5 | 3.5 | 3.5 | 4.8 | 6.4 | 8.3 | 10.7 | 13.6 | 16.6 | 19.9 | 23.5 |
| -82.5° | 3.5 | 3.5 | 3.5 | 4.7 | 6.1 | 7.8 | 9.6 | 11.0 | 12.5 | 15.0 | 17.7 |
| -85° | 3.5 | 3.5 | 3.5 | 4.6 | 5.8 | 7.2 | 8.8 | 10.0 | 11.2 | 12.3 | 13.5 |
| -87.5° | 3.5 | 3.5 | 3.5 | 4.5 | 5.5 | 6.7 | 7.9 | 8.9 | 10.0 | 11.0 | 12.0 |
| -90° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 2.6 | 1.7 | 0.9 | 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° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 11.4 | 12.3 | 13.2 |
| 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 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 1.0 | 0.9 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 2.3 | 1.9 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 2.0 | 1.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.7 | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.6 | 1.0 | 0.9 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 2.0 | 2.1 | 1.4 | 0.6 | 0.0 | 0.2 | 0.5 | 0.4 | 0.0 | 0.2 | 0.4 |
| 67.5° | 3.3 | 2.4 | 1.6 | 1.0 | 1.3 | 1.8 | 1.7 | 1.8 | 1.9 | 2.1 | 1.8 |
| 65° | 3.4 | 2.6 | 2.6 | 3.1 | 3.4 | 3.8 | 4.1 | 4.3 | 3.6 | 3.2 | 3.2 |
| 62.5° | 3.6 | 3.9 | 4.5 | 5.1 | 5.6 | 6.1 | 6.1 | 5.4 | 4.1 | 5.2 | 5.9 |
| 60° | 5.2 | 5.7 | 6.5 | 7.2 | 7.8 | 8.2 | 7.9 | 8.0 | 8.8 | 10.2 | 19.7 |
| 57.5° | 7.0 | 7.5 | 8.4 | 9.5 | 10.4 | 10.6 | 10.9 | 11.9 | 27.9 | 45.5 | 50.3 |
| 55° | 8.9 | 9.2 | 10.7 | 12.5 | 13.5 | 13.4 | 19.3 | 40.7 | 61.4 | 85.0 | 93.7 |
| 52.5° | 10.7 | 11.4 | 14.0 | 16.1 | 17.4 | 27.1 | 48.9 | 77.9 | 108.4 | 135.5 | 170.6 |
| 50° | 12.5 | 15.0 | 17.7 | 20.7 | 33.1 | 58.4 | 90.2 | 129.8 | 175.8 | 219.2 | 263.7 |
| 47.5° | 15.6 | 18.8 | 22.8 | 32.7 | 65.3 | 100.4 | 144.3 | 208.1 | 264.9 | 317.4 | 378.3 |
| 45° | 19.3 | 26.0 | 30.4 | 64.8 | 102.6 | 147.9 | 222.4 | 300.3 | 351.8 | 422.1 | 529.9 |
| 42.5° | 23.2 | 36.0 | 58.1 | 97.9 | 143.9 | 217.0 | 309.4 | 375.7 | 444.3 | 558.2 | 671.6 |
| 40° | 33.3 | 48.2 | 87.7 | 135.0 | 193.2 | 299.9 | 394.7 | 469.8 | 563.5 | 689.8 | 808.2 |
| 37.5° | 45.6 | 73.6 | 117.8 | 174.5 | 270.7 | 387.7 | 489.2 | 596.5 | 704.2 | 823.3 | 1042.7 |
| 35° | 59.4 | 97.2 | 156.0 | 232.5 | 348.2 | 484.9 | 605.9 | 725.8 | 850.0 | 1084.4 | 1302.2 |
| 32.5° | 77.2 | 118.9 | 195.9 | 299.9 | 432.0 | 582.1 | 722.5 | 861.2 | 1060.2 | 1325.5 | 1544.1 |
| 30° | 96.5 | 153.8 | 241.8 | 362.3 | 510.9 | 671.0 | 839.9 | 1007.8 | 1271.2 | 1490.8 | 1728.1 |
| 27.5° | 116.6 | 190.6 | 295.7 | 427.5 | 584.8 | 755.0 | 945.6 | 1185.0 | 1420.0 | 1637.0 | 1897.7 |
| 25° | 137.3 | 228.9 | 345.0 | 489.9 | 657.5 | 845.7 | 1065.0 | 1356.6 | 1540.5 | 1780.2 | 2052.2 |
| 22.5° | 163.9 | 265.6 | 393.7 | 546.4 | 724.8 | 939.0 | 1218.6 | 1511.5 | 1727.8 | 1929.4 | 2195.1 |
| 20° | 194.6 | 307.0 | 446.8 | 617.2 | 790.8 | 1030.1 | 1371.3 | 1679.4 | 1933.8 | 2164.6 | 2408.7 |
| 17.5° | 223.2 | 345.6 | 503.6 | 689.5 | 886.8 | 1146.8 | 1521.2 | 1862.1 | 2142.0 | 2399.3 | 2704.0 |
| 15° | 249.8 | 381.3 | 559.2 | 758.0 | 981.2 | 1280.5 | 1655.5 | 2030.0 | 2349.6 | 2639.1 | 2985.4 |
| 12.5° | 274.0 | 414.0 | 612.8 | 822.0 | 1070.1 | 1395.8 | 1768.4 | 2133.8 | 2485.2 | 2862.5 | 3255.4 |
| 10° | 295.9 | 443.3 | 663.4 | 881.1 | 1152.5 | 1493.2 | 1861.6 | 2220.4 | 2575.0 | 2974.2 | 3410.8 |
| 7.5° | 319.4 | 470.8 | 709.3 | 934.9 | 1227.5 | 1573.7 | 1936.1 | 2290.0 | 2647.5 | 3063.5 | 3511.8 |
| 5° | 341.0 | 496.0 | 745.8 | 973.4 | 1285.4 | 1636.6 | 1992.1 | 2342.7 | 2702.6 | 3130.1 | 3588.3 |
| 2.5° | 360.1 | 517.3 | 775.5 | 1003.6 | 1328.3 | 1682.8 | 2028.5 | 2386.8 | 2743.4 | 3184.2 | 3646.7 |
| 0° | 376.2 | 534.5 | 798.2 | 1026.8 | 1360.8 | 1715.9 | 2050.0 | 2415.7 | 2767.3 | 3220.9 | 3685.1 |
| -2.5° | 386.6 | 562.7 | 813.8 | 1067.2 | 1389.2 | 1737.6 | 2069.1 | 2423.8 | 2793.0 | 3232.5 | 3728.2 |
| -5° | 393.9 | 585.6 | 823.2 | 1098.4 | 1407.7 | 1747.2 | 2075.4 | 2417.5 | 2799.9 | 3229.6 | 3734.6 |
| -7.5° | 398.1 | 601.7 | 827.6 | 1116.1 | 1414.2 | 1741.5 | 2064.8 | 2405.6 | 2788.6 | 3218.5 | 3706.6 |
| -10° | 400.6 | 606.8 | 833.5 | 1110.7 | 1405.6 | 1722.6 | 2041.0 | 2377.7 | 2756.7 | 3182.6 | 3653.6 |
| -12.5° | 407.2 | 603.6 | 832.5 | 1098.9 | 1387.2 | 1694.1 | 2005.7 | 2333.4 | 2703.6 | 3121.2 | 3580.2 |
| -15° | 408.8 | 596.3 | 822.5 | 1081.5 | 1358.9 | 1656.9 | 1959.6 | 2272.8 | 2638.0 | 3061.5 | 3499.1 |
| -17.5° | 405.1 | 585.4 | 803.0 | 1059.4 | 1321.1 | 1611.7 | 1905.2 | 2218.2 | 2576.6 | 2992.5 | 3413.9 |
| -20° | 395.7 | 571.2 | 773.6 | 1033.1 | 1276.2 | 1561.5 | 1850.7 | 2160.9 | 2505.9 | 2896.9 | 3318.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 380.3 | 554.1 | 741.8 | 996.5 | 1237.4 | 1503.9 | 1786.9 | 2082.8 | 2417.3 | 2772.8 | 3190.5 |
| -25° | 364.4 | 534.7 | 716.7 | 946.2 | 1190.7 | 1436.6 | 1713.6 | 1987.4 | 2313.3 | 2662.4 | 3033.0 |
| -27.5° | 349.3 | 507.7 | 690.6 | 891.1 | 1135.7 | 1364.8 | 1630.7 | 1897.7 | 2196.3 | 2538.5 | 2879.7 |
| -30° | 329.5 | 478.4 | 658.8 | 838.1 | 1070.0 | 1297.1 | 1538.2 | 1801.0 | 2069.5 | 2394.2 | 2729.9 |
| -32.5° | 312.1 | 448.1 | 622.5 | 797.7 | 999.4 | 1220.9 | 1438.4 | 1689.0 | 1951.0 | 2227.8 | 2559.5 |
| -35° | 300.5 | 430.2 | 584.1 | 751.1 | 927.3 | 1138.0 | 1344.9 | 1562.6 | 1816.4 | 2076.1 | 2367.4 |
| -37.5° | 291.0 | 409.5 | 543.7 | 702.5 | 870.3 | 1051.1 | 1244.8 | 1445.0 | 1666.5 | 1928.4 | 2202.3 |
| -40° | 276.1 | 386.3 | 513.7 | 656.2 | 804.2 | 968.6 | 1148.4 | 1329.7 | 1521.7 | 1777.5 | 2047.7 |
| -42.5° | 257.1 | 363.8 | 485.5 | 605.8 | 741.0 | 891.1 | 1050.9 | 1221.7 | 1406.2 | 1628.4 | 1876.8 |
| -45° | 242.5 | 335.1 | 454.1 | 561.9 | 673.8 | 811.1 | 961.1 | 1115.8 | 1289.8 | 1480.6 | 1703.7 |
| -47.5° | 223.9 | 303.8 | 413.1 | 513.8 | 612.4 | 729.6 | 866.8 | 1013.2 | 1167.3 | 1339.3 | 1522.1 |
| -50° | 204.0 | 277.7 | 362.9 | 460.9 | 554.9 | 652.4 | 769.4 | 904.8 | 1044.6 | 1194.5 | 1357.7 |
| -52.5° | 188.9 | 247.2 | 324.9 | 406.6 | 496.2 | 584.5 | 684.2 | 800.3 | 925.2 | 1050.4 | 1193.9 |
| -55° | 171.8 | 224.7 | 288.8 | 362.0 | 438.3 | 520.1 | 610.8 | 712.5 | 814.3 | 929.3 | 1043.8 |
| -57.5° | 159.8 | 203.1 | 258.6 | 322.2 | 390.8 | 460.3 | 546.0 | 631.9 | 726.1 | 821.3 | 916.3 |
| -60° | 150.4 | 184.5 | 230.5 | 286.5 | 347.6 | 412.6 | 482.9 | 562.3 | 643.4 | 721.1 | 803.2 |
| -62.5° | 139.7 | 169.3 | 205.3 | 250.9 | 306.1 | 362.7 | 424.6 | 492.6 | 566.0 | 631.5 | 695.1 |
| -65° | 125.8 | 151.6 | 182.4 | 219.6 | 262.9 | 310.7 | 363.4 | 420.8 | 484.3 | 537.4 | 589.4 |
| -67.5° | 109.8 | 131.5 | 157.4 | 187.8 | 223.9 | 261.2 | 299.9 | 348.4 | 399.9 | 443.3 | 485.6 |
| -70° | 89.8 | 109.8 | 131.0 | 155.8 | 184.1 | 215.7 | 249.8 | 284.9 | 320.2 | 355.6 | 394.4 |
| -72.5° | 68.7 | 87.0 | 104.9 | 122.6 | 145.2 | 171.0 | 198.8 | 228.3 | 259.1 | 289.4 | 318.8 |
| -75° | 52.4 | 64.2 | 80.0 | 95.9 | 111.5 | 128.4 | 147.2 | 170.6 | 199.2 | 228.6 | 255.5 |
| -77.5° | 39.5 | 49.5 | 60.0 | 70.9 | 80.8 | 93.2 | 106.8 | 121.4 | 145.0 | 172.1 | 199.4 |
| -80° | 28.5 | 34.5 | 42.8 | 51.6 | 58.6 | 65.4 | 72.6 | 79.9 | 97.5 | 119.3 | 142.6 |
| -82.5° | 21.2 | 25.3 | 29.9 | 35.0 | 38.5 | 41.9 | 45.7 | 50.6 | 63.6 | 78.4 | 93.9 |
| -85° | 14.6 | 15.8 | 18.3 | 21.1 | 23.1 | 25.1 | 27.1 | 29.2 | 36.2 | 44.1 | 52.5 |
| -87.5° | 12.6 | 13.2 | 13.8 | 14.6 | 14.8 | 15.1 | 15.3 | 15.5 | 17.9 | 20.4 | 22.9 |
| -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: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 14.1 | 15.0 | 15.9 | 16.7 | 17.6 | 18.5 | 19.4 | 20.2 | 21.1 | 21.1 | 21.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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° | 0.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 1.6 | 1.8 | 1.8 | 1.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 3.7 | 3.5 | 2.6 | 1.7 | 0.8 | 1.3 | 2.1 | 2.5 | 2.6 | 2.3 | 1.8 |
| 62.5° | 5.5 | 5.1 | 4.6 | 5.3 | 6.4 | 7.4 | 7.1 | 6.7 | 6.2 | 5.9 | 6.1 |
| 60° | 20.8 | 13.8 | 16.0 | 20.1 | 18.8 | 12.8 | 21.2 | 24.0 | 20.4 | 14.0 | 13.5 |
| 57.5° | 52.7 | 50.9 | 58.3 | 85.1 | 93.7 | 85.4 | 102.0 | 123.9 | 123.2 | 106.1 | 105.5 |
| 55° | 112.3 | 150.7 | 197.0 | 204.5 | 236.7 | 301.3 | 351.6 | 329.6 | 329.4 | 346.0 | 399.4 |
| 52.5° | 213.3 | 249.5 | 263.0 | 299.0 | 366.4 | 415.2 | 446.7 | 479.2 | 514.8 | 551.2 | 588.1 |
| 50° | 313.1 | 348.2 | 388.1 | 424.9 | 518.2 | 568.4 | 560.0 | 627.4 | 713.6 | 767.5 | 795.1 |
| 47.5° | 459.2 | 514.5 | 598.9 | 731.1 | 800.7 | 851.0 | 913.6 | 989.9 | 1088.7 | 1222.6 | 1325.8 |
| 45° | 631.2 | 718.3 | 848.9 | 989.3 | 1097.3 | 1146.5 | 1218.1 | 1336.2 | 1493.7 | 1647.1 | 1759.1 |
| 42.5° | 771.8 | 891.4 | 1038.6 | 1172.8 | 1260.9 | 1341.6 | 1434.4 | 1534.0 | 1714.4 | 1878.2 | 2007.7 |
| 40° | 955.3 | 1048.4 | 1213.6 | 1340.1 | 1419.0 | 1499.1 | 1646.0 | 1795.2 | 1964.8 | 2117.4 | 2223.4 |
| 37.5° | 1187.9 | 1292.7 | 1464.5 | 1607.6 | 1683.5 | 1711.9 | 1961.7 | 2169.3 | 2307.2 | 2502.0 | 2565.7 |
| 35° | 1437.8 | 1610.3 | 1829.3 | 2014.7 | 2089.2 | 2237.8 | 2495.1 | 2784.8 | 3098.8 | 3214.2 | 3312.6 |
| 32.5° | 1716.6 | 1929.4 | 2226.5 | 2425.5 | 2531.7 | 2757.2 | 3083.0 | 3392.2 | 3802.7 | 4025.4 | 4092.0 |
| 30° | 1971.6 | 2215.8 | 2471.1 | 2664.6 | 2846.2 | 3117.8 | 3414.9 | 3796.2 | 4175.7 | 4460.5 | 4549.0 |
| 27.5° | 2158.8 | 2428.9 | 2674.4 | 2855.6 | 3060.5 | 3353.4 | 3723.8 | 4109.9 | 4482.5 | 4773.1 | 4876.3 |
| 25° | 2337.4 | 2642.8 | 2837.2 | 3047.8 | 3288.5 | 3607.6 | 4018.1 | 4447.1 | 4814.1 | 5059.7 | 5186.3 |
| 22.5° | 2540.6 | 2841.7 | 3050.4 | 3228.8 | 3543.5 | 3911.2 | 4292.2 | 4777.0 | 5165.8 | 5361.8 | 5499.0 |
| 20° | 2750.3 | 3091.1 | 3413.3 | 3579.3 | 3851.6 | 4317.2 | 4743.7 | 5201.4 | 5576.8 | 5781.0 | 5925.6 |
| 17.5° | 3043.0 | 3477.2 | 3872.4 | 4107.5 | 4399.0 | 4955.8 | 5488.0 | 5950.9 | 6473.2 | 6657.7 | 6834.4 |
| 15° | 3351.6 | 3854.1 | 4317.1 | 4689.4 | 5066.1 | 5617.7 | 6302.8 | 6861.5 | 7457.4 | 7723.5 | 8024.4 |
| 12.5° | 3659.2 | 4134.7 | 4554.2 | 5034.5 | 5565.4 | 6053.3 | 6705.5 | 7401.2 | 7942.0 | 8281.4 | 8483.9 |
| 10° | 3889.1 | 4330.7 | 4734.5 | 5215.9 | 5745.7 | 6297.7 | 6945.8 | 7658.9 | 8225.0 | 8514.6 | 8680.0 |
| 7.5° | 4013.2 | 4435.9 | 4861.8 | 5349.6 | 5877.1 | 6464.9 | 7132.7 | 7840.2 | 8419.0 | 8699.6 | 8862.8 |
| 5° | 4105.4 | 4511.4 | 4952.3 | 5465.8 | 5999.1 | 6595.2 | 7262.1 | 7961.2 | 8489.0 | 8787.2 | 8993.6 |
| 2.5° | 4161.1 | 4559.2 | 5010.0 | 5540.9 | 6075.6 | 6696.4 | 7395.5 | 8120.2 | 8581.9 | 8821.9 | 9011.7 |
| 0° | 4177.3 | 4578.2 | 5042.3 | 5580.3 | 6128.9 | 6754.8 | 7447.5 | 8164.8 | 8632.4 | 8864.5 | 9057.9 |
| -2.5° | 4195.5 | 4608.2 | 5085.2 | 5605.9 | 6149.8 | 6773.8 | 7480.9 | 8179.9 | 8600.6 | 8834.8 | 9018.7 |
| -5° | 4182.8 | 4610.6 | 5086.0 | 5584.7 | 6132.2 | 6751.3 | 7430.1 | 8083.7 | 8523.8 | 8776.9 | 8959.9 |
| -7.5° | 4145.0 | 4578.8 | 5049.3 | 5528.6 | 6065.7 | 6691.9 | 7367.8 | 7997.1 | 8442.9 | 8709.9 | 8910.1 |
| -10° | 4089.9 | 4511.1 | 4984.8 | 5470.2 | 6000.8 | 6596.9 | 7262.5 | 7888.0 | 8314.7 | 8598.2 | 8831.5 |
| -12.5° | 4028.9 | 4441.3 | 4897.9 | 5363.6 | 5888.3 | 6477.0 | 7121.9 | 7714.1 | 8138.2 | 8447.4 | 8614.1 |
| -15° | 3938.4 | 4350.6 | 4787.2 | 5237.5 | 5749.0 | 6320.2 | 6936.1 | 7504.3 | 7920.8 | 8172.4 | 8356.6 |
| -17.5° | 3823.4 | 4227.8 | 4641.7 | 5068.9 | 5550.7 | 6113.2 | 6732.9 | 7293.2 | 7632.8 | 7857.4 | 8038.5 |
| -20° | 3700.1 | 4074.2 | 4466.3 | 4869.4 | 5336.4 | 5893.5 | 6502.2 | 6991.0 | 7310.9 | 7526.8 | 7697.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3559.4 | 3919.6 | 4278.5 | 4663.8 | 5121.8 | 5632.6 | 6170.2 | 6642.5 | 6986.5 | 7183.2 | 7341.2 |
| -25° | 3398.7 | 3749.1 | 4089.9 | 4462.1 | 4883.0 | 5342.1 | 5842.0 | 6306.1 | 6614.2 | 6823.2 | 6979.9 |
| -27.5° | 3225.7 | 3554.8 | 3887.8 | 4222.0 | 4600.4 | 5057.9 | 5520.8 | 5952.0 | 6215.0 | 6425.5 | 6583.2 |
| -30° | 3053.0 | 3349.0 | 3657.1 | 3973.4 | 4328.6 | 4741.1 | 5174.1 | 5536.7 | 5814.1 | 6018.7 | 6165.0 |
| -32.5° | 2865.8 | 3146.8 | 3419.7 | 3715.4 | 4049.7 | 4413.3 | 4793.2 | 5138.2 | 5434.6 | 5621.9 | 5745.3 |
| -35° | 2674.0 | 2946.0 | 3195.8 | 3464.2 | 3759.2 | 4072.9 | 4423.7 | 4763.8 | 5056.6 | 5204.8 | 5325.0 |
| -37.5° | 2474.3 | 2745.5 | 2982.4 | 3206.6 | 3460.7 | 3751.2 | 4092.9 | 4417.4 | 4670.3 | 4797.7 | 4906.1 |
| -40° | 2300.7 | 2539.5 | 2752.6 | 2967.2 | 3173.8 | 3431.7 | 3750.6 | 4064.8 | 4267.7 | 4391.9 | 4492.5 |
| -42.5° | 2132.1 | 2333.5 | 2508.1 | 2700.4 | 2907.2 | 3161.5 | 3418.8 | 3682.3 | 3845.3 | 3983.2 | 4089.2 |
| -45° | 1935.8 | 2115.8 | 2279.5 | 2439.5 | 2628.0 | 2860.3 | 3094.0 | 3305.0 | 3457.7 | 3591.0 | 3694.2 |
| -47.5° | 1718.7 | 1892.5 | 2051.4 | 2194.5 | 2369.7 | 2563.4 | 2760.2 | 2935.8 | 3086.6 | 3218.3 | 3310.4 |
| -50° | 1516.4 | 1671.6 | 1826.8 | 1971.6 | 2123.4 | 2280.1 | 2439.8 | 2593.9 | 2737.0 | 2864.9 | 2943.3 |
| -52.5° | 1335.1 | 1478.4 | 1614.0 | 1740.5 | 1873.4 | 2005.8 | 2137.9 | 2279.1 | 2410.9 | 2531.9 | 2594.5 |
| -55° | 1171.0 | 1300.2 | 1422.6 | 1529.2 | 1635.9 | 1740.8 | 1854.1 | 1984.5 | 2105.8 | 2217.9 | 2262.8 |
| -57.5° | 1023.8 | 1134.3 | 1242.6 | 1332.8 | 1419.9 | 1503.4 | 1602.8 | 1712.9 | 1819.1 | 1915.2 | 1951.9 |
| -60° | 888.4 | 976.1 | 1066.7 | 1146.7 | 1222.5 | 1294.1 | 1380.9 | 1469.5 | 1555.6 | 1628.0 | 1659.3 |
| -62.5° | 763.8 | 838.9 | 907.5 | 972.5 | 1036.7 | 1101.2 | 1171.2 | 1241.5 | 1311.1 | 1366.9 | 1395.1 |
| -65° | 643.7 | 703.4 | 758.6 | 812.1 | 864.0 | 918.1 | 972.9 | 1026.3 | 1077.8 | 1117.7 | 1142.2 |
| -67.5° | 530.9 | 576.4 | 620.1 | 661.8 | 705.2 | 749.1 | 792.0 | 832.9 | 871.6 | 902.4 | 925.8 |
| -70° | 431.0 | 466.2 | 500.4 | 534.9 | 571.1 | 605.2 | 637.5 | 668.1 | 696.9 | 719.1 | 737.2 |
| -72.5° | 347.4 | 376.0 | 405.5 | 436.6 | 465.8 | 491.4 | 514.6 | 536.9 | 558.3 | 570.9 | 580.3 |
| -75° | 280.1 | 304.1 | 329.9 | 355.0 | 379.4 | 398.8 | 415.8 | 432.3 | 448.2 | 449.0 | 445.9 |
| -77.5° | 226.2 | 247.7 | 267.6 | 287.4 | 306.9 | 318.9 | 329.3 | 340.0 | 350.9 | 344.6 | 334.7 |
| -80° | 166.1 | 183.9 | 200.8 | 217.8 | 234.8 | 241.9 | 246.8 | 251.1 | 254.7 | 246.5 | 236.3 |
| -82.5° | 110.2 | 121.5 | 132.5 | 143.6 | 155.0 | 159.5 | 162.9 | 165.7 | 167.9 | 160.5 | 151.9 |
| -85° | 61.5 | 66.9 | 72.2 | 77.6 | 82.9 | 86.1 | 89.0 | 91.7 | 94.2 | 89.7 | 84.7 |
| -87.5° | 25.5 | 26.8 | 28.0 | 29.1 | 30.3 | 31.4 | 32.5 | 33.6 | 34.7 | 34.9 | 35.0 |
| -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: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 20.2 |
| 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° | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 1.0 | 1.8 | 2.3 | 2.6 | 2.5 |
| 62.5° | 6.4 | 6.7 | 6.9 | 7.0 | 6.9 | 6.7 | 6.4 | 6.1 | 5.9 | 6.2 | 6.7 |
| 60° | 12.4 | 10.8 | 10.5 | 10.5 | 10.5 | 10.8 | 12.4 | 13.5 | 14.0 | 20.4 | 24.0 |
| 57.5° | 97.5 | 83.5 | 85.5 | 94.9 | 85.5 | 83.5 | 97.5 | 105.5 | 106.1 | 123.2 | 123.9 |
| 55° | 455.5 | 508.5 | 527.2 | 516.9 | 527.2 | 508.5 | 455.5 | 399.4 | 346.0 | 329.4 | 329.6 |
| 52.5° | 617.2 | 638.9 | 647.3 | 647.0 | 647.3 | 638.9 | 617.2 | 588.1 | 551.2 | 514.8 | 479.2 |
| 50° | 803.5 | 796.2 | 784.8 | 773.6 | 784.8 | 796.2 | 803.5 | 795.1 | 767.5 | 713.6 | 627.4 |
| 47.5° | 1340.9 | 1317.7 | 1307.9 | 1325.6 | 1307.9 | 1317.7 | 1340.9 | 1325.8 | 1222.6 | 1088.7 | 989.9 |
| 45° | 1781.9 | 1809.1 | 1829.5 | 1828.5 | 1829.5 | 1809.1 | 1781.9 | 1759.1 | 1647.1 | 1493.7 | 1336.2 |
| 42.5° | 2033.0 | 2047.5 | 2051.7 | 2046.5 | 2051.7 | 2047.5 | 2033.0 | 2007.7 | 1878.2 | 1714.4 | 1534.0 |
| 40° | 2256.8 | 2274.1 | 2283.8 | 2292.6 | 2283.8 | 2274.1 | 2256.8 | 2223.4 | 2117.4 | 1964.8 | 1795.2 |
| 37.5° | 2586.7 | 2593.1 | 2579.2 | 2570.4 | 2579.2 | 2593.1 | 2586.7 | 2565.7 | 2502.0 | 2307.2 | 2169.3 |
| 35° | 3395.6 | 3412.1 | 3373.8 | 3414.3 | 3373.8 | 3412.1 | 3395.6 | 3312.6 | 3214.2 | 3098.8 | 2784.8 |
| 32.5° | 4171.3 | 4248.9 | 4311.7 | 4363.7 | 4311.7 | 4248.9 | 4171.3 | 4092.0 | 4025.4 | 3802.7 | 3392.2 |
| 30° | 4610.7 | 4660.8 | 4687.8 | 4694.2 | 4687.8 | 4660.8 | 4610.7 | 4549.0 | 4460.5 | 4175.7 | 3796.2 |
| 27.5° | 4933.4 | 4985.9 | 5018.6 | 5042.3 | 5018.6 | 4985.9 | 4933.4 | 4876.3 | 4773.1 | 4482.5 | 4109.9 |
| 25° | 5244.3 | 5292.3 | 5325.0 | 5337.7 | 5325.0 | 5292.3 | 5244.3 | 5186.3 | 5059.7 | 4814.1 | 4447.1 |
| 22.5° | 5567.0 | 5600.3 | 5631.7 | 5647.1 | 5631.7 | 5600.3 | 5567.0 | 5499.0 | 5361.8 | 5165.8 | 4777.0 |
| 20° | 6029.5 | 6011.4 | 6040.0 | 6030.4 | 6040.0 | 6011.4 | 6029.5 | 5925.6 | 5781.0 | 5576.8 | 5201.4 |
| 17.5° | 6972.2 | 6981.9 | 7001.1 | 7032.5 | 7001.1 | 6981.9 | 6972.2 | 6834.4 | 6657.7 | 6473.2 | 5950.9 |
| 15° | 8157.6 | 8181.5 | 8302.7 | 8410.9 | 8302.7 | 8181.5 | 8157.6 | 8024.4 | 7723.5 | 7457.4 | 6861.5 |
| 12.5° | 8671.8 | 8754.4 | 8767.3 | 8797.7 | 8767.3 | 8754.4 | 8671.8 | 8483.9 | 8281.4 | 7942.0 | 7401.2 |
| 10° | 8843.5 | 8986.5 | 8983.4 | 9019.2 | 8983.4 | 8986.5 | 8843.5 | 8680.0 | 8514.6 | 8225.0 | 7658.9 |
| 7.5° | 8973.6 | 9127.2 | 9192.1 | 9219.7 | 9192.1 | 9127.2 | 8973.6 | 8862.8 | 8699.6 | 8419.0 | 7840.2 |
| 5° | 9132.6 | 9217.1 | 9329.0 | 9297.0 | 9329.0 | 9217.1 | 9132.6 | 8993.6 | 8787.2 | 8489.0 | 7961.2 |
| 2.5° | 9199.3 | 9331.5 | 9301.0 | 9332.2 | 9301.0 | 9331.5 | 9199.3 | 9011.7 | 8821.9 | 8581.9 | 8120.2 |
| 0° | 9244.3 | 9339.2 | 9353.3 | 9384.9 | 9353.3 | 9339.2 | 9244.3 | 9057.9 | 8864.5 | 8632.4 | 8164.8 |
| -2.5° | 9189.8 | 9273.3 | 9419.6 | 9374.4 | 9419.6 | 9273.3 | 9189.8 | 9018.7 | 8834.8 | 8600.6 | 8179.9 |
| -5° | 9141.9 | 9347.6 | 9267.7 | 9367.3 | 9267.7 | 9347.6 | 9141.9 | 8959.9 | 8776.9 | 8523.8 | 8083.7 |
| -7.5° | 9117.2 | 9154.1 | 9207.0 | 9283.0 | 9207.0 | 9154.1 | 9117.2 | 8910.1 | 8709.9 | 8442.9 | 7997.1 |
| -10° | 8926.4 | 8964.0 | 9061.4 | 9114.2 | 9061.4 | 8964.0 | 8926.4 | 8831.5 | 8598.2 | 8314.7 | 7888.0 |
| -12.5° | 8719.4 | 8792.3 | 8894.6 | 8927.8 | 8894.6 | 8792.3 | 8719.4 | 8614.1 | 8447.4 | 8138.2 | 7714.1 |
| -15° | 8481.0 | 8589.2 | 8688.9 | 8709.8 | 8688.9 | 8589.2 | 8481.0 | 8356.6 | 8172.4 | 7920.8 | 7504.3 |
| -17.5° | 8177.8 | 8307.5 | 8412.3 | 8435.5 | 8412.3 | 8307.5 | 8177.8 | 8038.5 | 7857.4 | 7632.8 | 7293.2 |
| -20° | 7843.7 | 7968.0 | 8057.0 | 8083.9 | 8057.0 | 7968.0 | 7843.7 | 7697.8 | 7526.8 | 7310.9 | 6991.0 |



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7486.0 | 7597.9 | 7673.2 | 7662.0 | 7673.2 | 7597.9 | 7486.0 | 7341.2 | 7183.2 | 6986.5 | 6642.5 |
| -25° | 7106.3 | 7210.1 | 7281.9 | 7271.7 | 7281.9 | 7210.1 | 7106.3 | 6979.9 | 6823.2 | 6614.2 | 6306.1 |
| -27.5° | 6704.8 | 6803.2 | 6872.1 | 6874.3 | 6872.1 | 6803.2 | 6704.8 | 6583.2 | 6425.5 | 6215.0 | 5952.0 |
| -30° | 6283.0 | 6372.3 | 6428.2 | 6406.6 | 6428.2 | 6372.3 | 6283.0 | 6165.0 | 6018.7 | 5814.1 | 5536.7 |
| -32.5° | 5847.8 | 5928.6 | 5979.9 | 5995.2 | 5979.9 | 5928.6 | 5847.8 | 5745.3 | 5621.9 | 5434.6 | 5138.2 |
| -35° | 5418.6 | 5489.9 | 5534.2 | 5545.2 | 5534.2 | 5489.9 | 5418.6 | 5325.0 | 5204.8 | 5056.6 | 4763.8 |
| -37.5° | 4992.2 | 5053.5 | 5084.5 | 5070.5 | 5084.5 | 5053.5 | 4992.2 | 4906.1 | 4797.7 | 4670.3 | 4417.4 |
| -40° | 4570.8 | 4629.2 | 4664.6 | 4673.1 | 4664.6 | 4629.2 | 4570.8 | 4492.5 | 4391.9 | 4267.7 | 4064.8 |
| -42.5° | 4156.5 | 4205.0 | 4236.2 | 4251.2 | 4236.2 | 4205.0 | 4156.5 | 4089.2 | 3983.2 | 3845.3 | 3682.3 |
| -45° | 3754.4 | 3797.8 | 3827.0 | 3843.3 | 3827.0 | 3797.8 | 3754.4 | 3694.2 | 3591.0 | 3457.7 | 3305.0 |
| -47.5° | 3363.3 | 3401.3 | 3426.5 | 3438.9 | 3426.5 | 3401.3 | 3363.3 | 3310.4 | 3218.3 | 3086.6 | 2935.8 |
| -50° | 2989.2 | 3022.1 | 3045.6 | 3059.2 | 3045.6 | 3022.1 | 2989.2 | 2943.3 | 2864.9 | 2737.0 | 2593.9 |
| -52.5° | 2634.4 | 2663.2 | 2683.2 | 2693.5 | 2683.2 | 2663.2 | 2634.4 | 2594.5 | 2531.9 | 2410.9 | 2279.1 |
| -55° | 2295.6 | 2319.0 | 2337.5 | 2348.9 | 2337.5 | 2319.0 | 2295.6 | 2262.8 | 2217.9 | 2105.8 | 1984.5 |
| -57.5° | 1979.8 | 1998.8 | 2016.4 | 2028.9 | 2016.4 | 1998.8 | 1979.8 | 1951.9 | 1915.2 | 1819.1 | 1712.9 |
| -60° | 1684.0 | 1702.0 | 1717.0 | 1726.5 | 1717.0 | 1702.0 | 1684.0 | 1659.3 | 1628.0 | 1555.6 | 1469.5 |
| -62.5° | 1417.2 | 1433.2 | 1446.8 | 1455.7 | 1446.8 | 1433.2 | 1417.2 | 1395.1 | 1366.9 | 1311.1 | 1241.5 |
| -65° | 1161.4 | 1175.7 | 1185.9 | 1192.0 | 1185.9 | 1175.7 | 1161.4 | 1142.2 | 1117.7 | 1077.8 | 1026.3 |
| -67.5° | 945.8 | 962.2 | 965.5 | 963.5 | 965.5 | 962.2 | 945.8 | 925.8 | 902.4 | 871.6 | 832.9 |
| -70° | 753.3 | 767.3 | 770.5 | 770.1 | 770.5 | 767.3 | 753.3 | 737.2 | 719.1 | 696.9 | 668.1 |
| -72.5° | 589.0 | 596.6 | 590.2 | 580.2 | 590.2 | 596.6 | 589.0 | 580.3 | 570.9 | 558.3 | 536.9 |
| -75° | 442.0 | 437.1 | 430.3 | 422.0 | 430.3 | 437.1 | 442.0 | 445.9 | 449.0 | 448.2 | 432.3 |
| -77.5° | 323.7 | 311.7 | 303.9 | 295.4 | 303.9 | 311.7 | 323.7 | 334.7 | 344.6 | 350.9 | 340.0 |
| -80° | 225.4 | 213.7 | 205.5 | 196.9 | 205.5 | 213.7 | 225.4 | 236.3 | 246.5 | 254.7 | 251.1 |
| -82.5° | 142.8 | 133.1 | 128.2 | 123.1 | 128.2 | 133.1 | 142.8 | 151.9 | 160.5 | 167.9 | 165.7 |
| -85° | 79.3 | 73.6 | 70.2 | 66.8 | 70.2 | 73.6 | 79.3 | 84.7 | 89.7 | 94.2 | 91.7 |
| -87.5° | 35.1 | 35.1 | 33.4 | 31.6 | 33.4 | 35.1 | 35.1 | 35.0 | 34.9 | 34.7 | 33.6 |
| -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: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 19.4 | 18.5 | 17.6 | 16.7 | 15.9 | 15.0 | 14.1 | 13.2 | 12.3 | 11.4 | 10.5 |
| 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 | 0.1 | 0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.2 | 0.0 | 0.4 |
| 67.5° | 0.0 | 0.0 | 0.6 | 1.4 | 1.8 | 1.8 | 1.6 | 1.8 | 2.1 | 1.9 | 1.8 |
| 65° | 2.1 | 1.3 | 0.8 | 1.7 | 2.6 | 3.5 | 3.7 | 3.2 | 3.2 | 3.6 | 4.3 |
| 62.5° | 7.1 | 7.4 | 6.4 | 5.3 | 4.6 | 5.1 | 5.5 | 5.9 | 5.2 | 4.1 | 5.4 |
| 60° | 21.2 | 12.8 | 18.8 | 20.1 | 16.0 | 13.8 | 20.8 | 19.7 | 10.2 | 8.8 | 8.0 |
| 57.5° | 102.0 | 85.4 | 93.7 | 85.1 | 58.3 | 50.9 | 52.7 | 50.3 | 45.5 | 27.9 | 11.9 |
| 55° | 351.6 | 301.3 | 236.7 | 204.5 | 197.0 | 150.7 | 112.3 | 93.7 | 85.0 | 61.4 | 40.7 |
| 52.5° | 446.7 | 415.2 | 366.4 | 299.0 | 263.0 | 249.5 | 213.3 | 170.6 | 135.5 | 108.4 | 77.9 |
| 50° | 560.0 | 568.4 | 518.2 | 424.9 | 388.1 | 348.2 | 313.1 | 263.7 | 219.2 | 175.8 | 129.8 |
| 47.5° | 913.6 | 851.0 | 800.7 | 731.1 | 598.9 | 514.5 | 459.2 | 378.3 | 317.4 | 264.9 | 208.1 |
| 45° | 1218.1 | 1146.5 | 1097.3 | 989.3 | 848.9 | 718.3 | 631.2 | 529.9 | 422.1 | 351.8 | 300.3 |
| 42.5° | 1434.4 | 1341.6 | 1260.9 | 1172.8 | 1038.6 | 891.4 | 771.8 | 671.6 | 558.2 | 444.3 | 375.7 |
| 40° | 1646.0 | 1499.1 | 1419.0 | 1340.1 | 1213.6 | 1048.4 | 955.3 | 808.2 | 689.8 | 563.5 | 469.8 |
| 37.5° | 1961.7 | 1711.9 | 1683.5 | 1607.6 | 1464.5 | 1292.7 | 1187.9 | 1042.7 | 823.3 | 704.2 | 596.5 |
| 35° | 2495.1 | 2237.8 | 2089.2 | 2014.7 | 1829.3 | 1610.3 | 1437.8 | 1302.2 | 1084.4 | 850.0 | 725.8 |
| 32.5° | 3083.0 | 2757.2 | 2531.7 | 2425.5 | 2226.5 | 1929.4 | 1716.6 | 1544.1 | 1325.5 | 1060.2 | 861.2 |
| 30° | 3414.9 | 3117.8 | 2846.2 | 2664.6 | 2471.1 | 2215.8 | 1971.6 | 1728.1 | 1490.8 | 1271.2 | 1007.8 |
| 27.5° | 3723.8 | 3353.4 | 3060.5 | 2855.6 | 2674.4 | 2428.9 | 2158.8 | 1897.7 | 1637.0 | 1420.0 | 1185.0 |
| 25° | 4018.1 | 3607.6 | 3288.5 | 3047.8 | 2837.2 | 2642.8 | 2337.4 | 2052.2 | 1780.2 | 1540.5 | 1356.6 |
| 22.5° | 4292.2 | 3911.2 | 3543.5 | 3228.8 | 3050.4 | 2841.7 | 2540.6 | 2195.1 | 1929.4 | 1727.8 | 1511.5 |
| 20° | 4743.7 | 4317.2 | 3851.6 | 3579.3 | 3413.3 | 3091.1 | 2750.3 | 2408.7 | 2164.6 | 1933.8 | 1679.4 |
| 17.5° | 5488.0 | 4955.8 | 4399.0 | 4107.5 | 3872.4 | 3477.2 | 3043.0 | 2704.0 | 2399.3 | 2142.0 | 1862.1 |
| 15° | 6302.8 | 5617.7 | 5066.1 | 4689.4 | 4317.1 | 3854.1 | 3351.6 | 2985.4 | 2639.1 | 2349.6 | 2030.0 |
| 12.5° | 6705.5 | 6053.3 | 5565.4 | 5034.5 | 4554.2 | 4134.7 | 3659.2 | 3255.4 | 2862.5 | 2485.2 | 2133.8 |
| 10° | 6945.8 | 6297.7 | 5745.7 | 5215.9 | 4734.5 | 4330.7 | 3889.1 | 3410.8 | 2974.2 | 2575.0 | 2220.4 |
| 7.5° | 7132.7 | 6464.9 | 5877.1 | 5349.6 | 4861.8 | 4435.9 | 4013.2 | 3511.8 | 3063.5 | 2647.5 | 2290.0 |
| 5° | 7262.1 | 6595.2 | 5999.1 | 5465.8 | 4952.3 | 4511.4 | 4105.4 | 3588.3 | 3130.1 | 2702.6 | 2342.7 |
| 2.5° | 7395.5 | 6696.4 | 6075.6 | 5540.9 | 5010.0 | 4559.2 | 4161.1 | 3646.7 | 3184.2 | 2743.4 | 2386.8 |
| 0° | 7447.5 | 6754.8 | 6128.9 | 5580.3 | 5042.3 | 4578.2 | 4177.3 | 3685.1 | 3220.9 | 2767.3 | 2415.7 |
| -2.5° | 7480.9 | 6773.8 | 6149.8 | 5605.9 | 5085.2 | 4608.2 | 4195.5 | 3728.2 | 3232.5 | 2793.0 | 2423.8 |
| -5° | 7430.1 | 6751.3 | 6132.2 | 5584.7 | 5086.0 | 4610.6 | 4182.8 | 3734.6 | 3229.6 | 2799.9 | 2417.5 |
| -7.5° | 7367.8 | 6691.9 | 6065.7 | 5528.6 | 5049.3 | 4578.8 | 4145.0 | 3706.6 | 3218.5 | 2788.6 | 2405.6 |
| -10° | 7262.5 | 6596.9 | 6000.8 | 5470.2 | 4984.8 | 4511.1 | 4089.9 | 3653.6 | 3182.6 | 2756.7 | 2377.7 |
| -12.5° | 7121.9 | 6477.0 | 5888.3 | 5363.6 | 4897.9 | 4441.3 | 4028.9 | 3580.2 | 3121.2 | 2703.6 | 2333.4 |
| -15° | 6936.1 | 6320.2 | 5749.0 | 5237.5 | 4787.2 | 4350.6 | 3938.4 | 3499.1 | 3061.5 | 2638.0 | 2272.8 |
| -17.5° | 6732.9 | 6113.2 | 5550.7 | 5068.9 | 4641.7 | 4227.8 | 3823.4 | 3413.9 | 2992.5 | 2576.6 | 2218.2 |
| -20° | 6502.2 | 5893.5 | 5336.4 | 4869.4 | 4466.3 | 4074.2 | 3700.1 | 3318.6 | 2896.9 | 2505.9 | 2160.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6170.2 | 5632.6 | 5121.8 | 4663.8 | 4278.5 | 3919.6 | 3559.4 | 3190.5 | 2772.8 | 2417.3 | 2082.8 |
| -25° | 5842.0 | 5342.1 | 4883.0 | 4462.1 | 4089.9 | 3749.1 | 3398.7 | 3033.0 | 2662.4 | 2313.3 | 1987.4 |
| -27.5° | 5520.8 | 5057.9 | 4600.4 | 4222.0 | 3887.8 | 3554.8 | 3225.7 | 2879.7 | 2538.5 | 2196.3 | 1897.7 |
| -30° | 5174.1 | 4741.1 | 4328.6 | 3973.4 | 3657.1 | 3349.0 | 3053.0 | 2729.9 | 2394.2 | 2069.5 | 1801.0 |
| -32.5° | 4793.2 | 4413.3 | 4049.7 | 3715.4 | 3419.7 | 3146.8 | 2865.8 | 2559.5 | 2227.8 | 1951.0 | 1689.0 |
| -35° | 4423.7 | 4072.9 | 3759.2 | 3464.2 | 3195.8 | 2946.0 | 2674.0 | 2367.4 | 2076.1 | 1816.4 | 1562.6 |
| -37.5° | 4092.9 | 3751.2 | 3460.7 | 3206.6 | 2982.4 | 2745.5 | 2474.3 | 2202.3 | 1928.4 | 1666.5 | 1445.0 |
| -40° | 3750.6 | 3431.7 | 3173.8 | 2967.2 | 2752.6 | 2539.5 | 2300.7 | 2047.7 | 1777.5 | 1521.7 | 1329.7 |
| -42.5° | 3418.8 | 3161.5 | 2907.2 | 2700.4 | 2508.1 | 2333.5 | 2132.1 | 1876.8 | 1628.4 | 1406.2 | 1221.7 |
| -45° | 3094.0 | 2860.3 | 2628.0 | 2439.5 | 2279.5 | 2115.8 | 1935.8 | 1703.7 | 1480.6 | 1289.8 | 1115.8 |
| -47.5° | 2760.2 | 2563.4 | 2369.7 | 2194.5 | 2051.4 | 1892.5 | 1718.7 | 1522.1 | 1339.3 | 1167.3 | 1013.2 |
| -50° | 2439.8 | 2280.1 | 2123.4 | 1971.6 | 1826.8 | 1671.6 | 1516.4 | 1357.7 | 1194.5 | 1044.6 | 904.8 |
| -52.5° | 2137.9 | 2005.8 | 1873.4 | 1740.5 | 1614.0 | 1478.4 | 1335.1 | 1193.9 | 1050.4 | 925.2 | 800.3 |
| -55° | 1854.1 | 1740.8 | 1635.9 | 1529.2 | 1422.6 | 1300.2 | 1171.0 | 1043.8 | 929.3 | 814.3 | 712.5 |
| -57.5° | 1602.8 | 1503.4 | 1419.9 | 1332.8 | 1242.6 | 1134.3 | 1023.8 | 916.3 | 821.3 | 726.1 | 631.9 |
| -60° | 1380.9 | 1294.1 | 1222.5 | 1146.7 | 1066.7 | 976.1 | 888.4 | 803.2 | 721.1 | 643.4 | 562.3 |
| -62.5° | 1171.2 | 1101.2 | 1036.7 | 972.5 | 907.5 | 838.9 | 763.8 | 695.1 | 631.5 | 566.0 | 492.6 |
| -65° | 972.9 | 918.1 | 864.0 | 812.1 | 758.6 | 703.4 | 643.7 | 589.4 | 537.4 | 484.3 | 420.8 |
| -67.5° | 792.0 | 749.1 | 705.2 | 661.8 | 620.1 | 576.4 | 530.9 | 485.6 | 443.3 | 399.9 | 348.4 |
| -70° | 637.5 | 605.2 | 571.1 | 534.9 | 500.4 | 466.2 | 431.0 | 394.4 | 355.6 | 320.2 | 284.9 |
| -72.5° | 514.6 | 491.4 | 465.8 | 436.6 | 405.5 | 376.0 | 347.4 | 318.8 | 289.4 | 259.1 | 228.3 |
| -75° | 415.8 | 398.8 | 379.4 | 355.0 | 329.9 | 304.1 | 280.1 | 255.5 | 228.6 | 199.2 | 170.6 |
| -77.5° | 329.3 | 318.9 | 306.9 | 287.4 | 267.6 | 247.7 | 226.2 | 199.4 | 172.1 | 145.0 | 121.4 |
| -80° | 246.8 | 241.9 | 234.8 | 217.8 | 200.8 | 183.9 | 166.1 | 142.6 | 119.3 | 97.5 | 79.9 |
| -82.5° | 162.9 | 159.5 | 155.0 | 143.6 | 132.5 | 121.5 | 110.2 | 93.9 | 78.4 | 63.6 | 50.6 |
| -85° | 89.0 | 86.1 | 82.9 | 77.6 | 72.2 | 66.9 | 61.5 | 52.5 | 44.1 | 36.2 | 29.2 |
| -87.5° | 32.5 | 31.4 | 30.3 | 29.1 | 28.0 | 26.8 | 25.5 | 22.9 | 20.4 | 17.9 | 15.5 |
| -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: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 9.6 | 8.8 | 7.9 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.2 | 1.8 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.6 | 1.1 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 0.9 | 1.0 | 0.9 | 0.5 | 0.1 | 0.3 |
| 80° | 0.0 | 0.0 | 0.0 | 0.1 | 0.9 | 1.9 | 2.3 | 2.4 | 1.8 | 1.3 | 0.7 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.0 | 2.0 | 3.2 | 3.2 | 2.4 | 1.7 |
| 75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.7 | 1.8 | 2.8 | 3.5 | 2.7 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.4 | 0.9 | 1.0 | 0.6 | 0.6 | 2.0 | 3.0 | 3.5 |
| 70° | 0.5 | 0.2 | 0.0 | 0.6 | 1.4 | 2.1 | 2.0 | 1.6 | 1.3 | 2.6 | 3.3 |
| 67.5° | 1.7 | 1.8 | 1.3 | 1.0 | 1.6 | 2.4 | 3.3 | 3.1 | 2.7 | 2.3 | 3.2 |
| 65° | 4.1 | 3.8 | 3.4 | 3.1 | 2.6 | 2.6 | 3.4 | 4.3 | 4.1 | 3.5 | 3.2 |
| 62.5° | 6.1 | 6.1 | 5.6 | 5.1 | 4.5 | 3.9 | 3.6 | 4.8 | 5.3 | 4.7 | 4.0 |
| 60° | 7.9 | 8.2 | 7.8 | 7.2 | 6.5 | 5.7 | 5.2 | 5.5 | 6.1 | 5.9 | 5.0 |
| 57.5° | 10.9 | 10.6 | 10.4 | 9.5 | 8.4 | 7.5 | 7.0 | 6.9 | 7.0 | 6.9 | 6.1 |
| 55° | 19.3 | 13.4 | 13.5 | 12.5 | 10.7 | 9.2 | 8.9 | 8.5 | 8.1 | 8.0 | 7.1 |
| 52.5° | 48.9 | 27.1 | 17.4 | 16.1 | 14.0 | 11.4 | 10.7 | 10.2 | 9.7 | 9.1 | 8.1 |
| 50° | 90.2 | 58.4 | 33.1 | 20.7 | 17.7 | 15.0 | 12.5 | 11.9 | 11.2 | 10.4 | 9.1 |
| 47.5° | 144.3 | 100.4 | 65.3 | 32.7 | 22.8 | 18.8 | 15.6 | 13.5 | 12.7 | 11.7 | 10.1 |
| 45° | 222.4 | 147.9 | 102.6 | 64.8 | 30.4 | 26.0 | 19.3 | 15.1 | 14.1 | 13.0 | 11.1 |
| 42.5° | 309.4 | 217.0 | 143.9 | 97.9 | 58.1 | 36.0 | 23.2 | 18.4 | 15.6 | 14.3 | 12.1 |
| 40° | 394.7 | 299.9 | 193.2 | 135.0 | 87.7 | 48.2 | 33.3 | 21.9 | 17.1 | 15.7 | 13.3 |
| 37.5° | 489.2 | 387.7 | 270.7 | 174.5 | 117.8 | 73.6 | 45.6 | 25.5 | 19.4 | 17.2 | 14.6 |
| 35° | 605.9 | 484.9 | 348.2 | 232.5 | 156.0 | 97.2 | 59.4 | 32.5 | 23.8 | 18.7 | 15.9 |
| 32.5° | 722.5 | 582.1 | 432.0 | 299.9 | 195.9 | 118.9 | 77.2 | 46.4 | 29.0 | 20.3 | 17.2 |
| 30° | 839.9 | 671.0 | 510.9 | 362.3 | 241.8 | 153.8 | 96.5 | 59.9 | 34.9 | 22.0 | 18.5 |
| 27.5° | 945.6 | 755.0 | 584.8 | 427.5 | 295.7 | 190.6 | 116.6 | 73.0 | 41.5 | 24.9 | 19.9 |
| 25° | 1065.0 | 845.7 | 657.5 | 489.9 | 345.0 | 228.9 | 137.3 | 85.8 | 51.1 | 30.0 | 21.3 |
| 22.5° | 1218.6 | 939.0 | 724.8 | 546.4 | 393.7 | 265.6 | 163.9 | 102.7 | 61.7 | 35.3 | 22.7 |
| 20° | 1371.3 | 1030.1 | 790.8 | 617.2 | 446.8 | 307.0 | 194.6 | 119.5 | 71.7 | 40.9 | 24.0 |
| 17.5° | 1521.2 | 1146.8 | 886.8 | 689.5 | 503.6 | 345.6 | 223.2 | 136.1 | 81.2 | 46.5 | 25.4 |
| 15° | 1655.5 | 1280.5 | 981.2 | 758.0 | 559.2 | 381.3 | 249.8 | 152.1 | 90.1 | 52.2 | 27.1 |
| 12.5° | 1768.4 | 1395.8 | 1070.1 | 822.0 | 612.8 | 414.0 | 274.0 | 167.5 | 98.3 | 58.6 | 29.6 |
| 10° | 1861.6 | 1493.2 | 1152.5 | 881.1 | 663.4 | 443.3 | 295.9 | 182.9 | 107.9 | 65.3 | 32.2 |
| 7.5° | 1936.1 | 1573.7 | 1227.5 | 934.9 | 709.3 | 470.8 | 319.4 | 199.2 | 117.2 | 71.7 | 34.8 |
| 5° | 1992.1 | 1636.6 | 1285.4 | 973.4 | 745.8 | 496.0 | 341.0 | 214.1 | 125.8 | 77.6 | 37.4 |
| 2.5° | 2028.5 | 1682.8 | 1328.3 | 1003.6 | 775.5 | 517.3 | 360.1 | 227.5 | 133.7 | 83.1 | 39.9 |
| 0° | 2050.0 | 1715.9 | 1360.8 | 1026.8 | 798.2 | 534.5 | 376.2 | 239.1 | 140.7 | 87.9 | 42.2 |
| -2.5° | 2069.1 | 1737.6 | 1389.2 | 1067.2 | 813.8 | 562.7 | 386.6 | 249.6 | 151.8 | 91.4 | 46.5 |
| -5° | 2075.4 | 1747.2 | 1407.7 | 1098.4 | 823.2 | 585.6 | 393.9 | 258.1 | 161.5 | 94.2 | 50.4 |
| -7.5° | 2064.8 | 1741.5 | 1414.2 | 1116.1 | 827.6 | 601.7 | 398.1 | 264.8 | 169.4 | 96.4 | 53.8 |
| -10° | 2041.0 | 1722.6 | 1405.6 | 1110.7 | 833.5 | 606.8 | 400.6 | 269.8 | 175.2 | 98.0 | 56.7 |
| -12.5° | 2005.7 | 1694.1 | 1387.2 | 1098.9 | 832.5 | 603.6 | 407.2 | 273.6 | 178.2 | 99.1 | 58.8 |
| -15° | 1959.6 | 1656.9 | 1358.9 | 1081.5 | 822.5 | 596.3 | 408.8 | 275.0 | 177.9 | 101.2 | 60.1 |
| -17.5° | 1905.2 | 1611.7 | 1321.1 | 1059.4 | 803.0 | 585.4 | 405.1 | 273.3 | 176.1 | 104.2 | 61.4 |
| -20° | 1850.7 | 1561.5 | 1276.2 | 1033.1 | 773.6 | 571.2 | 395.7 | 268.3 | 172.8 | 106.2 | 62.6 |



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1786.9 | 1503.9 | 1237.4 | 996.5 | 741.8 | 554.1 | 380.3 | 259.8 | 168.2 | 107.1 | 63.2 |
| -25° | 1713.6 | 1436.6 | 1190.7 | 946.2 | 716.7 | 534.7 | 364.4 | 247.6 | 162.2 | 106.8 | 63.0 |
| -27.5° | 1630.7 | 1364.8 | 1135.7 | 891.1 | 690.6 | 507.7 | 349.3 | 238.7 | 157.2 | 105.3 | 62.1 |
| -30° | 1538.2 | 1297.1 | 1070.0 | 838.1 | 658.8 | 478.4 | 329.5 | 228.7 | 154.9 | 103.3 | 60.3 |
| -32.5° | 1438.4 | 1220.9 | 999.4 | 797.7 | 622.5 | 448.1 | 312.1 | 217.4 | 151.0 | 100.8 | 60.4 |
| -35° | 1344.9 | 1138.0 | 927.3 | 751.1 | 584.1 | 430.2 | 300.5 | 204.9 | 145.6 | 97.3 | 60.7 |
| -37.5° | 1244.8 | 1051.1 | 870.3 | 702.5 | 543.7 | 409.5 | 291.0 | 199.3 | 138.5 | 92.8 | 60.5 |
| -40° | 1148.4 | 968.6 | 804.2 | 656.2 | 513.7 | 386.3 | 276.1 | 193.1 | 131.8 | 87.3 | 59.7 |
| -42.5° | 1050.9 | 891.1 | 741.0 | 605.8 | 485.5 | 363.8 | 257.1 | 183.5 | 126.3 | 84.1 | 58.3 |
| -45° | 961.1 | 811.1 | 673.8 | 561.9 | 454.1 | 335.1 | 242.5 | 171.5 | 119.6 | 81.9 | 57.1 |
| -47.5° | 866.8 | 729.6 | 612.4 | 513.8 | 413.1 | 303.8 | 223.9 | 162.0 | 111.5 | 78.9 | 56.2 |
| -50° | 769.4 | 652.4 | 554.9 | 460.9 | 362.9 | 277.7 | 204.0 | 150.7 | 108.6 | 76.6 | 54.9 |
| -52.5° | 684.2 | 584.5 | 496.2 | 406.6 | 324.9 | 247.2 | 188.9 | 138.5 | 104.7 | 74.6 | 52.9 |
| -55° | 610.8 | 520.1 | 438.3 | 362.0 | 288.8 | 224.7 | 171.8 | 132.8 | 100.0 | 72.2 | 50.5 |
| -57.5° | 546.0 | 460.3 | 390.8 | 322.2 | 258.6 | 203.1 | 159.8 | 125.9 | 95.0 | 68.8 | 48.4 |
| -60° | 482.9 | 412.6 | 347.6 | 286.5 | 230.5 | 184.5 | 150.4 | 118.1 | 89.1 | 64.5 | 46.0 |
| -62.5° | 424.6 | 362.7 | 306.1 | 250.9 | 205.3 | 169.3 | 139.7 | 108.9 | 82.0 | 59.1 | 42.9 |
| -65° | 363.4 | 310.7 | 262.9 | 219.6 | 182.4 | 151.6 | 125.8 | 98.4 | 72.8 | 52.7 | 38.9 |
| -67.5° | 299.9 | 261.2 | 223.9 | 187.8 | 157.4 | 131.5 | 109.8 | 84.6 | 62.0 | 45.2 | 34.1 |
| -70° | 249.8 | 215.7 | 184.1 | 155.8 | 131.0 | 109.8 | 89.8 | 68.4 | 50.0 | 38.7 | 29.1 |
| -72.5° | 198.8 | 171.0 | 145.2 | 122.6 | 104.9 | 87.0 | 68.7 | 52.3 | 41.5 | 31.9 | 23.8 |
| -75° | 147.2 | 128.4 | 111.5 | 95.9 | 80.0 | 64.2 | 52.4 | 41.6 | 32.7 | 24.9 | 20.0 |
| -77.5° | 106.8 | 93.2 | 80.8 | 70.9 | 60.0 | 49.5 | 39.5 | 30.5 | 24.7 | 20.6 | 16.8 |
| -80° | 72.6 | 65.4 | 58.6 | 51.6 | 42.8 | 34.5 | 28.5 | 23.5 | 19.9 | 16.6 | 13.6 |
| -82.5° | 45.7 | 41.9 | 38.5 | 35.0 | 29.9 | 25.3 | 21.2 | 17.7 | 15.0 | 12.5 | 11.0 |
| -85° | 27.1 | 25.1 | 23.1 | 21.1 | 18.3 | 15.8 | 14.6 | 13.5 | 12.3 | 11.2 | 10.0 |
| -87.5° | 15.3 | 15.1 | 14.8 | 14.6 | 13.8 | 13.2 | 12.6 | 12.0 | 11.0 | 10.0 | 8.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 1.7 | 2.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| 90° | 7.0 | 6.1 | 5.3 | 4.4 | 3.5 | 3.5 | 3.5 |
| 87.5° | 2.6 | 2.9 | 3.2 | 3.4 | 3.5 | 3.5 | 3.5 |
| 85° | 1.7 | 2.4 | 2.9 | 3.3 | 3.5 | 3.5 | 3.5 |
| 82.5° | 0.8 | 1.8 | 2.6 | 3.2 | 3.5 | 3.5 | 3.5 |
| 80° | 0.2 | 1.3 | 2.3 | 3.1 | 3.5 | 3.5 | 3.5 |
| 77.5° | 1.1 | 1.2 | 2.1 | 3.0 | 3.5 | 3.5 | 3.5 |
| 75° | 2.0 | 1.7 | 1.9 | 2.9 | 3.5 | 3.5 | 3.5 |
| 72.5° | 2.8 | 2.3 | 2.2 | 2.8 | 3.5 | 3.5 | 3.5 |
| 70° | 3.5 | 2.8 | 2.5 | 2.8 | 3.5 | 3.5 | 3.5 |
| 67.5° | 3.6 | 3.3 | 2.8 | 2.9 | 3.5 | 3.5 | 3.5 |
| 65° | 3.7 | 3.6 | 3.0 | 3.0 | 3.5 | 3.5 | 3.5 |
| 62.5° | 3.9 | 3.9 | 3.3 | 3.1 | 3.5 | 3.5 | 3.5 |
| 60° | 4.2 | 4.2 | 3.5 | 3.2 | 3.5 | 3.5 | 3.5 |
| 57.5° | 5.0 | 4.5 | 3.8 | 3.3 | 3.5 | 3.5 | 3.5 |
| 55° | 5.9 | 4.9 | 4.2 | 3.4 | 3.6 | 3.5 | 3.5 |
| 52.5° | 6.7 | 5.4 | 4.6 | 3.4 | 3.7 | 3.5 | 3.5 |
| 50° | 7.6 | 6.1 | 4.9 | 3.5 | 3.7 | 3.5 | 3.5 |
| 47.5° | 8.4 | 6.8 | 5.3 | 3.6 | 3.8 | 3.5 | 3.5 |
| 45° | 9.3 | 7.5 | 5.8 | 3.9 | 3.9 | 3.5 | 3.5 |
| 42.5° | 10.1 | 8.1 | 6.2 | 4.2 | 4.0 | 3.5 | 3.5 |
| 40° | 10.9 | 8.8 | 6.7 | 4.6 | 4.2 | 3.5 | 3.5 |
| 37.5° | 11.6 | 9.4 | 7.2 | 5.1 | 4.3 | 3.5 | 3.5 |
| 35° | 12.4 | 10.0 | 7.7 | 5.6 | 4.4 | 3.5 | 3.5 |
| 32.5° | 13.2 | 10.6 | 8.1 | 6.0 | 4.6 | 3.5 | 3.5 |
| 30° | 14.3 | 11.2 | 8.6 | 6.5 | 4.8 | 3.5 | 3.5 |
| 27.5° | 15.3 | 11.7 | 9.2 | 6.9 | 5.0 | 3.5 | 3.5 |
| 25° | 16.3 | 12.3 | 9.7 | 7.3 | 5.1 | 3.5 | 3.5 |
| 22.5° | 17.4 | 12.8 | 10.2 | 7.7 | 5.3 | 3.5 | 3.5 |
| 20° | 18.4 | 13.5 | 10.8 | 8.1 | 5.5 | 3.5 | 3.5 |
| 17.5° | 19.4 | 14.1 | 11.3 | 8.4 | 5.7 | 3.5 | 3.5 |
| 15° | 20.4 | 14.7 | 11.7 | 8.8 | 5.9 | 3.5 | 3.5 |
| 12.5° | 21.3 | 15.2 | 12.2 | 9.1 | 6.1 | 3.5 | 3.5 |
| 10° | 22.1 | 15.8 | 12.6 | 9.4 | 6.3 | 3.5 | 3.5 |
| 7.5° | 22.8 | 16.3 | 13.0 | 9.7 | 6.5 | 3.5 | 3.5 |
| 5° | 23.5 | 16.8 | 13.4 | 10.0 | 6.7 | 3.5 | 3.5 |
| 2.5° | 24.1 | 17.2 | 13.8 | 10.3 | 6.8 | 3.5 | 3.5 |
| 0° | 24.6 | 17.6 | 14.1 | 10.5 | 7.0 | 3.5 | 3.5 |
| -2.5° | 26.0 | 18.0 | 14.4 | 10.5 | 7.0 | 3.5 | 3.5 |
| -5° | 27.2 | 18.3 | 14.7 | 10.5 | 7.0 | 3.5 | 3.5 |
| -7.5° | 28.3 | 18.6 | 14.9 | 10.4 | 6.9 | 3.5 | 3.5 |
| -10° | 29.2 | 18.9 | 15.0 | 10.3 | 6.9 | 3.5 | 3.5 |
| -12.5° | 29.9 | 19.1 | 15.1 | 10.2 | 6.8 | 3.5 | 3.5 |
| -15° | 30.4 | 19.3 | 15.2 | 10.1 | 6.8 | 3.5 | 3.5 |
| -17.5° | 30.5 | 19.4 | 15.2 | 10.0 | 6.7 | 3.5 | 3.5 |
| -20° | 31.3 | 19.6 | 15.1 | 9.9 | 6.6 | 3.5 | 3.5 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627320 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 33.3 | 19.6 | 14.9 | 9.7 | 6.5 | 3.5 | 3.5 |
| -25° | 35.0 | 20.9 | 14.6 | 9.5 | 6.3 | 3.5 | 3.5 |
| -27.5° | 36.2 | 22.6 | 14.2 | 9.3 | 6.2 | 3.5 | 3.5 |
| -30° | 37.1 | 24.0 | 13.9 | 9.1 | 6.1 | 3.5 | 3.5 |
| -32.5° | 37.6 | 25.1 | 14.4 | 8.8 | 5.9 | 3.5 | 3.5 |
| -35° | 38.6 | 26.1 | 14.8 | 8.6 | 5.7 | 3.5 | 3.5 |
| -37.5° | 39.6 | 26.6 | 15.0 | 8.3 | 5.6 | 3.5 | 3.5 |
| -40° | 40.2 | 26.8 | 15.1 | 8.0 | 5.4 | 3.5 | 3.5 |
| -42.5° | 40.4 | 26.8 | 15.2 | 7.9 | 5.2 | 3.5 | 3.5 |
| -45° | 40.2 | 26.6 | 15.3 | 7.9 | 4.9 | 3.5 | 3.5 |
| -47.5° | 39.6 | 26.2 | 15.2 | 7.9 | 4.7 | 3.5 | 3.5 |
| -50° | 38.8 | 25.6 | 14.9 | 7.8 | 4.5 | 3.5 | 3.5 |
| -52.5° | 37.7 | 24.8 | 14.5 | 7.6 | 4.3 | 3.5 | 3.5 |
| -55° | 36.4 | 23.8 | 13.8 | 7.4 | 4.0 | 3.5 | 3.5 |
| -57.5° | 34.8 | 22.5 | 13.1 | 7.1 | 3.8 | 3.5 | 3.5 |
| -60° | 32.9 | 21.0 | 12.1 | 6.8 | 3.5 | 3.5 | 3.5 |
| -62.5° | 30.2 | 19.2 | 11.5 | 6.5 | 3.5 | 3.5 | 3.5 |
| -65° | 27.2 | 17.2 | 10.7 | 6.0 | 3.5 | 3.5 | 3.5 |
| -67.5° | 23.9 | 15.5 | 9.9 | 5.6 | 3.5 | 3.5 | 3.5 |
| -70° | 20.4 | 14.0 | 9.0 | 5.1 | 3.5 | 3.5 | 3.5 |
| -72.5° | 18.0 | 12.5 | 8.0 | 4.9 | 3.5 | 3.5 | 3.5 |
| -75° | 15.7 | 10.9 | 7.0 | 4.9 | 3.5 | 3.5 | 3.5 |
| -77.5° | 13.2 | 9.2 | 6.6 | 4.8 | 3.5 | 3.5 | 3.5 |
| -80° | 10.7 | 8.3 | 6.4 | 4.8 | 3.5 | 3.5 | 3.5 |
| -82.5° | 9.6 | 7.8 | 6.1 | 4.7 | 3.5 | 3.5 | 3.5 |
| -85° | 8.8 | 7.2 | 5.8 | 4.6 | 3.5 | 3.5 | 3.5 |
| -87.5° | 7.9 | 6.7 | 5.5 | 4.5 | 3.5 | 3.5 | 3.5 |
| -90° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |

(END OF REPORT)