

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: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627310 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

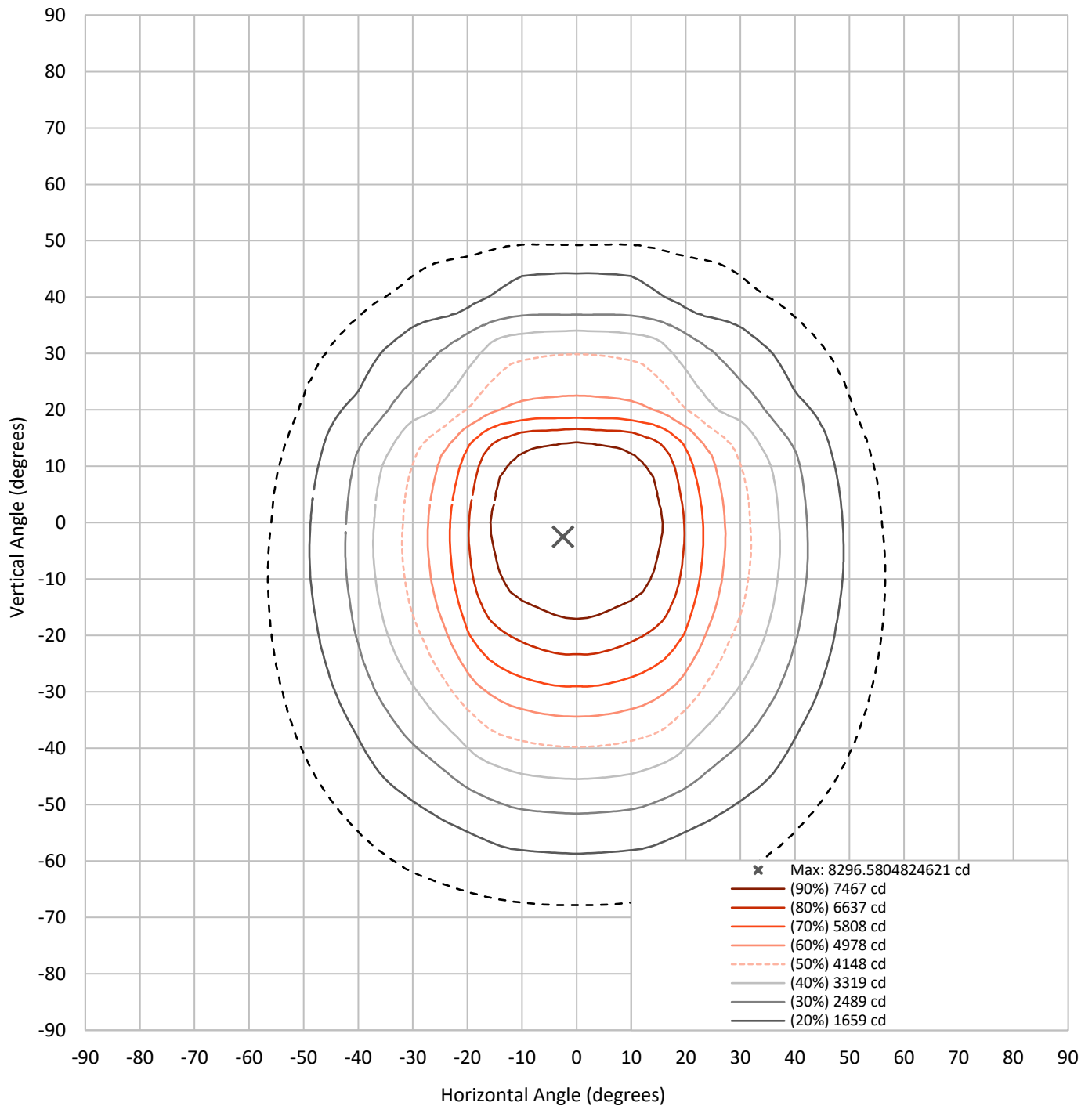
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 11072.1 lumens | Max Intensity: | 8296.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 85.5 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: | 6405.9 lumens | Field Lumens: | 10506.7 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: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

Iso-Candela Plot





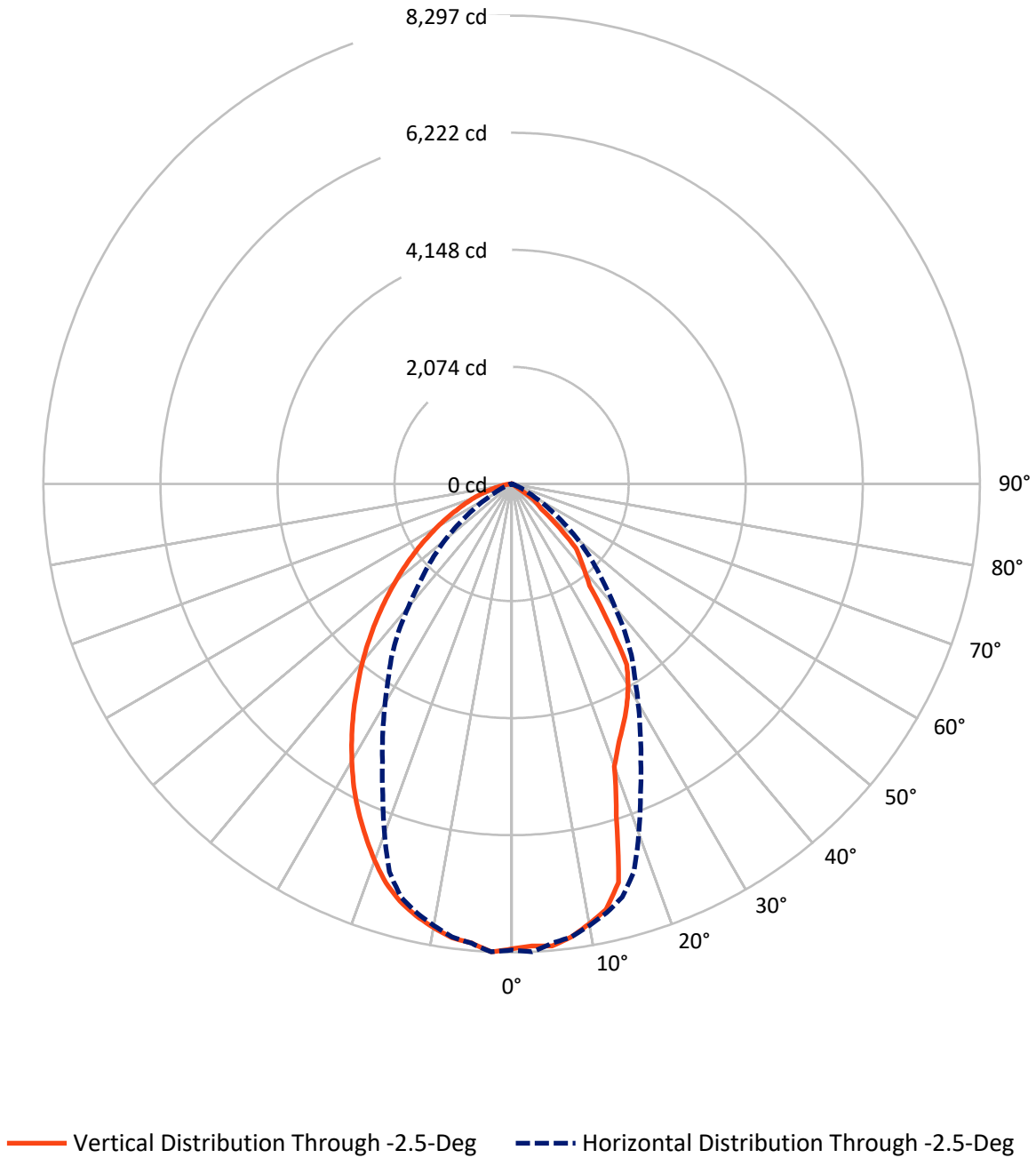
REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 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 | | | | | |
| 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 | 0.0 | 0.1 | | | | |
| 50 | | 0.1 | 0.2 | 1.0 | 3.0 | 5.8 | 8.6 | 10.8 | 10.8 | 8.6 | 5.8 | 3.0 | 1.0 | 0.2 | | 0.1 | | | |
| 40 | 0.2 | 0.2 | 1.2 | 5.7 | 13.7 | 24.7 | 36.5 | 44.7 | 44.7 | 36.5 | 24.7 | 13.7 | 5.7 | 1.2 | 0.2 | | | | |
| 30 | | 0.5 | 4.1 | 14.4 | 32.1 | 52.0 | 78.0 | 91.2 | 91.2 | 78.0 | 52.0 | 32.1 | 14.4 | 4.1 | | 0.5 | | | |
| 20 | 0.3 | 1.2 | 8.0 | 25.5 | 51.7 | 82.0 | 123.0 | 141.3 | 141.3 | 123.0 | 82.0 | 51.7 | 25.5 | 8.0 | 0.3 | | | | |
| 10 | | 2.1 | 12.2 | 37.7 | 74.5 | 122.6 | 182.5 | 209.3 | 209.3 | 182.5 | 122.6 | 74.5 | 37.7 | 12.2 | | 2.1 | | | |
| 0 | 0.6 | 2.9 | 15.9 | 44.8 | 89.1 | 146.5 | 215.5 | 244.5 | 244.5 | 215.5 | 146.5 | 89.1 | 44.8 | 15.9 | 0.6 | | | | |
| -10 | | 3.4 | 17.5 | 46.5 | 91.5 | 149.8 | 217.1 | 245.5 | 245.5 | 217.1 | 149.8 | 91.5 | 46.5 | 17.5 | | 3.4 | | | |
| -20 | 0.7 | 3.6 | 17.1 | 44.0 | 86.2 | 140.3 | 201.5 | 227.7 | 227.7 | 201.5 | 140.3 | 86.2 | 44.0 | 17.1 | 0.7 | | | | |
| -30 | | 3.2 | 15.0 | 38.4 | 74.5 | 119.3 | 168.9 | 191.3 | 191.3 | 168.9 | 119.3 | 74.5 | 38.4 | 15.0 | | 3.2 | | | |
| -40 | 0.7 | 2.7 | 11.9 | 30.2 | 58.6 | 92.0 | 129.0 | 146.0 | 146.0 | 129.0 | 92.0 | 58.6 | 30.2 | 11.9 | 0.7 | | | | |
| -50 | | 2.2 | 8.8 | 21.5 | 42.0 | 64.7 | 89.3 | 101.3 | 101.3 | 89.3 | 64.7 | 42.0 | 21.5 | 8.8 | | 2.2 | | | |
| -60 | 0.5 | 1.6 | 5.8 | 13.8 | 26.1 | 40.2 | 54.6 | 62.2 | 62.2 | 54.6 | 40.2 | 26.1 | 13.8 | 5.8 | 0.5 | | | | |
| -70 | | 1.1 | 3.5 | 8.1 | 14.3 | 21.3 | 28.2 | 32.0 | 32.0 | 28.2 | 21.3 | 14.3 | 8.1 | 3.5 | | 1.1 | | | |
| -80 | 0.2 | 2.6 | 11.9 | 26.0 | 29.1 | 26.0 | 11.9 | 2.6 | 0.2 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

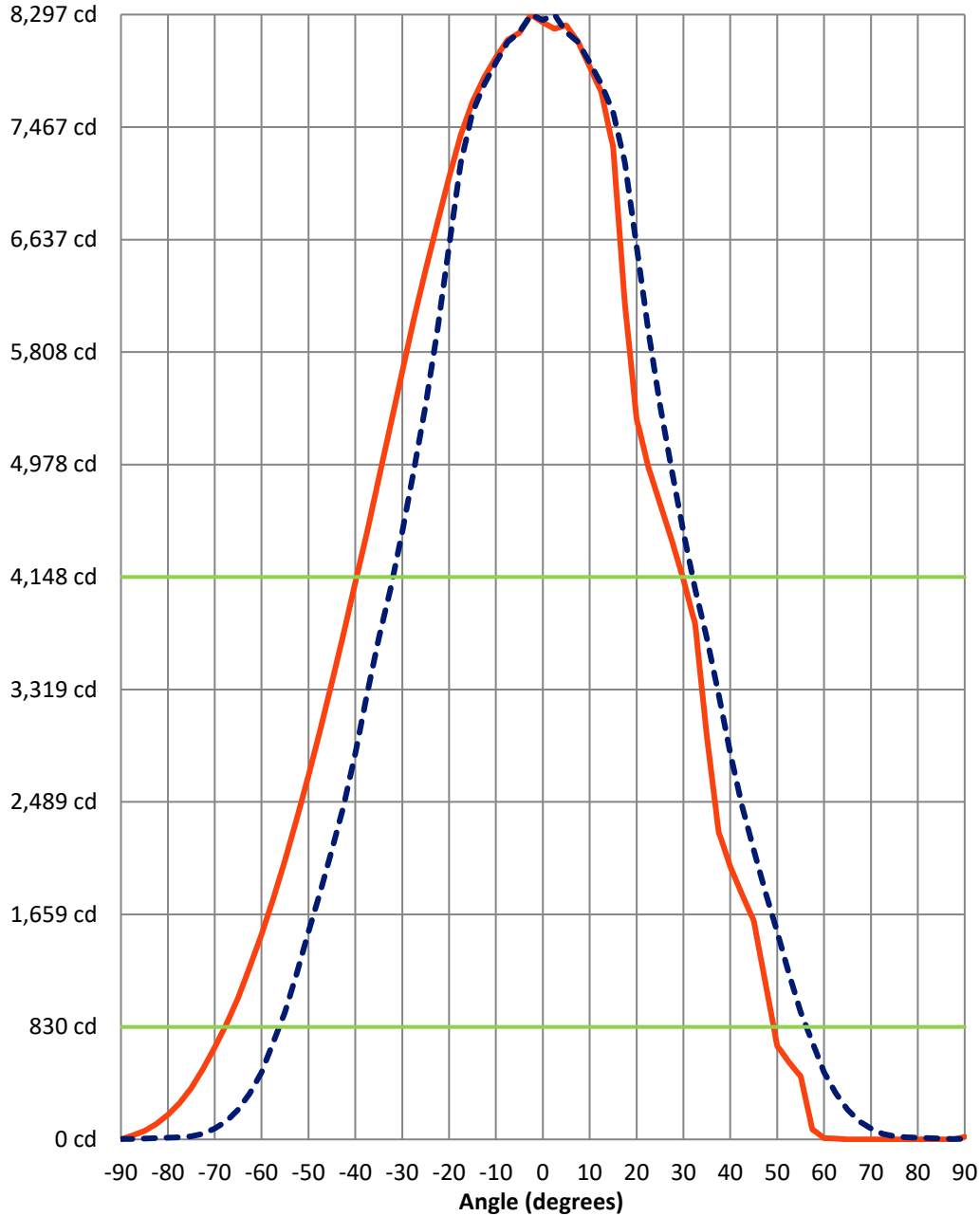
REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6405.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 10506.7
 Efficiency: 94.9%

Spill:
 Lumens: 565.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| 90° | 3.1 | 3.1 | 3.1 | 3.9 | 4.7 | 5.4 | 6.2 | 7.0 | 7.8 | 8.5 | 9.3 |
| 87.5° | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.6 | 2.3 | 1.6 | 1.0 | 0.5 | 0.0 |
| 85° | 3.1 | 3.1 | 3.1 | 2.9 | 2.6 | 2.1 | 1.5 | 0.9 | 0.5 | 0.2 | 0.0 |
| 82.5° | 3.1 | 3.1 | 3.1 | 2.8 | 2.3 | 1.6 | 0.7 | 0.2 | 0.1 | 0.5 | 0.8 |
| 80° | 3.1 | 3.1 | 3.1 | 2.7 | 2.1 | 1.1 | 0.2 | 0.6 | 1.1 | 1.6 | 2.1 |
| 77.5° | 3.1 | 3.1 | 3.1 | 2.6 | 1.8 | 1.0 | 1.0 | 1.5 | 2.2 | 2.8 | 2.8 |
| 75° | 3.1 | 3.1 | 3.1 | 2.6 | 1.7 | 1.5 | 1.7 | 2.4 | 3.1 | 2.5 | 1.6 |
| 72.5° | 3.1 | 3.1 | 3.1 | 2.5 | 2.0 | 2.0 | 2.5 | 3.1 | 2.6 | 1.8 | 0.5 |
| 70° | 3.1 | 3.1 | 3.1 | 2.5 | 2.2 | 2.5 | 3.1 | 2.9 | 2.3 | 1.2 | 1.4 |
| 67.5° | 3.1 | 3.1 | 3.1 | 2.6 | 2.5 | 2.9 | 3.2 | 2.9 | 2.0 | 2.4 | 2.8 |
| 65° | 3.1 | 3.1 | 3.1 | 2.7 | 2.7 | 3.2 | 3.3 | 2.8 | 3.1 | 3.6 | 3.8 |
| 62.5° | 3.1 | 3.1 | 3.1 | 2.8 | 2.9 | 3.5 | 3.5 | 3.5 | 4.2 | 4.7 | 4.3 |
| 60° | 3.1 | 3.1 | 3.1 | 2.9 | 3.1 | 3.7 | 3.7 | 4.4 | 5.2 | 5.4 | 4.9 |
| 57.5° | 3.1 | 3.1 | 3.1 | 2.9 | 3.4 | 4.0 | 4.4 | 5.4 | 6.1 | 6.2 | 6.1 |
| 55° | 3.1 | 3.1 | 3.2 | 3.0 | 3.7 | 4.3 | 5.2 | 6.3 | 7.1 | 7.2 | 7.5 |
| 52.5° | 3.1 | 3.1 | 3.2 | 3.0 | 4.0 | 4.7 | 6.0 | 7.2 | 8.1 | 8.5 | 9.0 |
| 50° | 3.1 | 3.1 | 3.3 | 3.1 | 4.4 | 5.4 | 6.7 | 8.1 | 9.2 | 9.8 | 10.5 |
| 47.5° | 3.1 | 3.1 | 3.4 | 3.2 | 4.7 | 6.0 | 7.5 | 8.9 | 10.4 | 11.2 | 11.9 |
| 45° | 3.1 | 3.1 | 3.5 | 3.5 | 5.1 | 6.6 | 8.2 | 9.8 | 11.4 | 12.4 | 13.3 |
| 42.5° | 3.1 | 3.1 | 3.6 | 3.7 | 5.5 | 7.2 | 8.9 | 10.7 | 12.6 | 13.7 | 16.2 |
| 40° | 3.1 | 3.1 | 3.7 | 4.1 | 5.9 | 7.8 | 9.6 | 11.8 | 13.8 | 15.0 | 19.3 |
| 37.5° | 3.1 | 3.1 | 3.8 | 4.5 | 6.4 | 8.3 | 10.3 | 12.9 | 15.1 | 17.1 | 22.5 |
| 35° | 3.1 | 3.1 | 3.9 | 4.9 | 6.8 | 8.9 | 10.9 | 14.0 | 16.5 | 21.0 | 28.7 |
| 32.5° | 3.1 | 3.1 | 4.1 | 5.3 | 7.2 | 9.4 | 11.6 | 15.1 | 17.9 | 25.5 | 40.9 |
| 30° | 3.1 | 3.1 | 4.2 | 5.7 | 7.6 | 9.9 | 12.6 | 16.3 | 19.4 | 30.8 | 52.7 |
| 27.5° | 3.1 | 3.1 | 4.4 | 6.1 | 8.1 | 10.4 | 13.5 | 17.5 | 21.9 | 36.5 | 64.3 |
| 25° | 3.1 | 3.1 | 4.6 | 6.4 | 8.6 | 10.8 | 14.4 | 18.8 | 26.4 | 45.0 | 75.5 |
| 22.5° | 3.1 | 3.1 | 4.7 | 6.8 | 9.1 | 11.3 | 15.3 | 20.0 | 31.1 | 54.3 | 90.4 |
| 20° | 3.1 | 3.1 | 4.9 | 7.1 | 9.5 | 11.9 | 16.2 | 21.2 | 36.0 | 63.2 | 105.3 |
| 17.5° | 3.1 | 3.1 | 5.1 | 7.5 | 9.9 | 12.4 | 17.1 | 22.4 | 41.0 | 71.5 | 119.8 |
| 15° | 3.1 | 3.1 | 5.2 | 7.8 | 10.4 | 12.9 | 17.9 | 24.0 | 46.0 | 79.3 | 134.0 |
| 12.5° | 3.1 | 3.1 | 5.4 | 8.1 | 10.7 | 13.4 | 18.7 | 26.1 | 51.6 | 86.5 | 147.5 |
| 10° | 3.1 | 3.1 | 5.6 | 8.3 | 11.1 | 13.9 | 19.5 | 28.4 | 57.5 | 95.0 | 161.1 |
| 7.5° | 3.1 | 3.1 | 5.7 | 8.6 | 11.5 | 14.3 | 20.1 | 30.7 | 63.1 | 103.2 | 175.4 |
| 5° | 3.1 | 3.1 | 5.9 | 8.9 | 11.8 | 14.8 | 20.7 | 33.0 | 68.3 | 110.8 | 188.6 |
| 2.5° | 3.1 | 3.1 | 6.1 | 9.1 | 12.1 | 15.1 | 21.2 | 35.1 | 73.1 | 117.7 | 200.4 |
| 0° | 3.1 | 3.1 | 6.2 | 9.3 | 12.4 | 15.5 | 21.7 | 37.2 | 77.4 | 123.9 | 210.6 |
| -2.5° | 3.1 | 3.1 | 6.2 | 9.3 | 12.4 | 15.5 | 21.7 | 37.2 | 77.4 | 123.9 | 210.6 |
| -5° | 3.1 | 3.1 | 6.2 | 9.3 | 12.9 | 16.1 | 24.0 | 44.4 | 83.0 | 142.2 | 227.4 |
| -7.5° | 3.1 | 3.1 | 6.1 | 9.2 | 13.1 | 16.4 | 25.0 | 47.4 | 84.9 | 149.2 | 233.3 |
| -10° | 3.1 | 3.1 | 6.1 | 9.2 | 13.2 | 16.6 | 25.8 | 49.9 | 86.3 | 154.3 | 237.6 |
| -12.5° | 3.1 | 3.1 | 6.1 | 9.1 | 13.3 | 16.8 | 26.4 | 51.8 | 87.3 | 156.9 | 241.0 |
| -15° | 3.1 | 3.1 | 6.0 | 9.0 | 13.4 | 17.0 | 26.8 | 52.9 | 89.1 | 156.6 | 242.2 |
| -17.5° | 3.1 | 3.1 | 5.9 | 8.9 | 13.4 | 17.1 | 26.9 | 54.0 | 91.8 | 155.1 | 240.7 |
| -20° | 3.1 | 3.1 | 5.8 | 8.7 | 13.3 | 17.2 | 27.6 | 55.2 | 93.5 | 152.2 | 236.3 |

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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° | 3.1 | 3.1 | 5.7 | 8.6 | 13.1 | 17.3 | 29.3 | 55.7 | 94.3 | 148.1 | 228.8 |
| -25° | 3.1 | 3.1 | 5.6 | 8.4 | 12.9 | 18.4 | 30.8 | 55.5 | 94.0 | 142.9 | 218.1 |
| -27.5° | 3.1 | 3.1 | 5.5 | 8.2 | 12.6 | 19.9 | 31.9 | 54.7 | 92.7 | 138.4 | 210.3 |
| -30° | 3.1 | 3.1 | 5.4 | 8.0 | 12.3 | 21.1 | 32.7 | 53.1 | 91.0 | 136.4 | 201.5 |
| -32.5° | 3.1 | 3.1 | 5.2 | 7.8 | 12.7 | 22.2 | 33.1 | 53.2 | 88.8 | 133.0 | 191.5 |
| -35° | 3.1 | 3.1 | 5.1 | 7.6 | 13.0 | 23.0 | 34.0 | 53.5 | 85.7 | 128.2 | 180.5 |
| -37.5° | 3.1 | 3.1 | 4.9 | 7.4 | 13.2 | 23.5 | 34.9 | 53.3 | 81.7 | 122.0 | 175.5 |
| -40° | 3.1 | 3.1 | 4.7 | 7.1 | 13.3 | 23.7 | 35.4 | 52.6 | 76.9 | 116.0 | 170.0 |
| -42.5° | 3.1 | 3.1 | 4.6 | 7.0 | 13.4 | 23.7 | 35.6 | 51.4 | 74.1 | 111.2 | 161.6 |
| -45° | 3.1 | 3.1 | 4.4 | 7.0 | 13.5 | 23.5 | 35.5 | 50.3 | 72.1 | 105.3 | 151.0 |
| -47.5° | 3.1 | 3.1 | 4.2 | 7.0 | 13.4 | 23.1 | 34.9 | 49.6 | 69.5 | 98.2 | 142.7 |
| -50° | 3.1 | 3.1 | 4.0 | 6.9 | 13.2 | 22.6 | 34.2 | 48.3 | 67.5 | 95.6 | 132.7 |
| -52.5° | 3.1 | 3.1 | 3.8 | 6.7 | 12.8 | 21.9 | 33.3 | 46.7 | 65.7 | 92.3 | 122.0 |
| -55° | 3.1 | 3.1 | 3.6 | 6.6 | 12.2 | 21.0 | 32.1 | 44.6 | 63.6 | 88.1 | 116.9 |
| -57.5° | 3.1 | 3.1 | 3.3 | 6.3 | 11.5 | 19.9 | 30.7 | 42.7 | 60.6 | 83.7 | 110.9 |
| -60° | 3.1 | 3.1 | 3.1 | 6.0 | 10.7 | 18.5 | 29.0 | 40.6 | 56.8 | 78.5 | 104.0 |
| -62.5° | 3.1 | 3.1 | 3.1 | 5.7 | 10.1 | 16.9 | 26.6 | 37.8 | 52.1 | 72.3 | 95.9 |
| -65° | 3.1 | 3.1 | 3.1 | 5.3 | 9.5 | 15.2 | 24.0 | 34.3 | 46.4 | 64.2 | 86.7 |
| -67.5° | 3.1 | 3.1 | 3.1 | 4.9 | 8.7 | 13.6 | 21.1 | 30.1 | 39.9 | 54.6 | 74.5 |
| -70° | 3.1 | 3.1 | 3.1 | 4.5 | 7.9 | 12.4 | 18.0 | 25.6 | 34.1 | 44.1 | 60.2 |
| -72.5° | 3.1 | 3.1 | 3.1 | 4.4 | 7.1 | 11.0 | 15.9 | 21.0 | 28.2 | 36.6 | 46.1 |
| -75° | 3.1 | 3.1 | 3.1 | 4.3 | 6.2 | 9.6 | 13.8 | 17.7 | 21.9 | 28.8 | 36.7 |
| -77.5° | 3.1 | 3.1 | 3.1 | 4.3 | 5.9 | 8.1 | 11.7 | 14.9 | 18.2 | 21.8 | 26.9 |
| -80° | 3.1 | 3.1 | 3.1 | 4.2 | 5.6 | 7.3 | 9.4 | 12.0 | 14.7 | 17.6 | 20.7 |
| -82.5° | 3.1 | 3.1 | 3.1 | 4.2 | 5.4 | 6.9 | 8.5 | 9.7 | 11.1 | 13.3 | 15.6 |
| -85° | 3.1 | 3.1 | 3.1 | 4.1 | 5.2 | 6.4 | 7.8 | 8.8 | 9.8 | 10.9 | 11.9 |
| -87.5° | 3.1 | 3.1 | 3.1 | 4.0 | 4.9 | 5.9 | 7.0 | 7.9 | 8.8 | 9.7 | 10.6 |
| -90° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 2.3 | 1.5 | 0.8 | 0.0 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 10.1 | 10.9 | 11.6 |
| 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° | 0.9 | 0.8 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 2.0 | 1.7 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.8 | 0.9 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.7 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.5 | 0.9 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 1.8 | 1.9 | 1.3 | 0.5 | 0.0 | 0.2 | 0.5 | 0.3 | 0.0 | 0.2 | 0.4 |
| 67.5° | 2.9 | 2.1 | 1.4 | 0.9 | 1.2 | 1.6 | 1.5 | 1.6 | 1.7 | 1.8 | 1.6 |
| 65° | 3.0 | 2.3 | 2.3 | 2.7 | 3.0 | 3.3 | 3.6 | 3.8 | 3.2 | 2.8 | 2.9 |
| 62.5° | 3.2 | 3.5 | 4.0 | 4.5 | 5.0 | 5.4 | 5.4 | 4.8 | 3.7 | 4.6 | 5.3 |
| 60° | 4.6 | 5.1 | 5.7 | 6.3 | 6.9 | 7.3 | 7.0 | 7.0 | 7.8 | 9.1 | 17.4 |
| 57.5° | 6.2 | 6.6 | 7.4 | 8.4 | 9.2 | 9.4 | 9.6 | 10.5 | 24.5 | 40.0 | 44.3 |
| 55° | 7.8 | 8.2 | 9.5 | 11.0 | 11.9 | 11.8 | 17.0 | 35.8 | 54.0 | 74.8 | 82.6 |
| 52.5° | 9.4 | 10.1 | 12.3 | 14.2 | 15.3 | 23.9 | 43.0 | 68.5 | 95.5 | 119.4 | 150.3 |
| 50° | 11.0 | 13.3 | 15.6 | 18.3 | 29.1 | 51.4 | 79.4 | 114.3 | 154.9 | 193.1 | 232.2 |
| 47.5° | 13.8 | 16.6 | 20.1 | 28.8 | 57.4 | 88.4 | 127.2 | 183.3 | 233.3 | 279.5 | 333.2 |
| 45° | 17.1 | 22.9 | 26.8 | 57.1 | 90.3 | 130.3 | 195.9 | 264.4 | 309.9 | 371.8 | 466.7 |
| 42.5° | 20.4 | 31.7 | 51.2 | 86.2 | 126.8 | 191.2 | 272.5 | 331.0 | 391.4 | 491.7 | 591.5 |
| 40° | 29.4 | 42.5 | 77.2 | 118.9 | 170.3 | 264.2 | 347.6 | 413.9 | 496.4 | 607.6 | 711.8 |
| 37.5° | 40.2 | 64.8 | 103.7 | 153.7 | 238.5 | 341.4 | 430.8 | 525.4 | 620.2 | 725.1 | 918.4 |
| 35° | 52.3 | 85.6 | 137.4 | 204.8 | 306.7 | 427.1 | 533.7 | 639.3 | 748.6 | 955.1 | 1146.9 |
| 32.5° | 68.0 | 104.7 | 172.6 | 264.2 | 380.5 | 512.6 | 636.4 | 758.5 | 933.8 | 1167.5 | 1360.0 |
| 30° | 85.0 | 135.4 | 213.0 | 319.2 | 450.0 | 591.0 | 739.8 | 887.7 | 1119.7 | 1313.0 | 1522.1 |
| 27.5° | 102.7 | 167.9 | 260.5 | 376.6 | 515.1 | 665.0 | 832.9 | 1043.8 | 1250.7 | 1441.8 | 1671.5 |
| 25° | 120.9 | 201.7 | 303.9 | 431.5 | 579.1 | 744.9 | 938.0 | 1194.9 | 1356.8 | 1567.9 | 1807.5 |
| 22.5° | 144.3 | 234.0 | 346.9 | 481.3 | 638.4 | 827.0 | 1073.3 | 1331.3 | 1521.8 | 1699.3 | 1933.4 |
| 20° | 171.3 | 270.4 | 393.6 | 543.6 | 696.5 | 907.2 | 1207.8 | 1479.1 | 1703.2 | 1906.6 | 2121.5 |
| 17.5° | 196.6 | 304.4 | 443.6 | 607.3 | 781.1 | 1010.0 | 1339.8 | 1640.1 | 1886.7 | 2113.3 | 2381.7 |
| 15° | 220.0 | 335.9 | 492.6 | 667.6 | 864.2 | 1127.8 | 1458.1 | 1788.0 | 2069.6 | 2324.5 | 2629.5 |
| 12.5° | 241.3 | 364.6 | 539.7 | 724.0 | 942.5 | 1229.3 | 1557.5 | 1879.4 | 2188.9 | 2521.2 | 2867.3 |
| 10° | 260.6 | 390.5 | 584.3 | 776.1 | 1015.1 | 1315.2 | 1639.7 | 1955.7 | 2268.0 | 2619.6 | 3004.2 |
| 7.5° | 281.3 | 414.7 | 624.8 | 823.4 | 1081.1 | 1386.1 | 1705.3 | 2016.9 | 2331.9 | 2698.3 | 3093.1 |
| 5° | 300.4 | 436.9 | 656.9 | 857.3 | 1132.1 | 1441.5 | 1754.6 | 2063.4 | 2380.4 | 2756.9 | 3160.4 |
| 2.5° | 317.2 | 455.6 | 683.1 | 883.9 | 1170.0 | 1482.2 | 1786.7 | 2102.2 | 2416.4 | 2804.6 | 3211.8 |
| 0° | 331.4 | 470.8 | 703.0 | 904.3 | 1198.6 | 1511.4 | 1805.6 | 2127.7 | 2437.4 | 2836.9 | 3245.7 |
| -2.5° | 340.5 | 495.7 | 716.7 | 939.9 | 1223.6 | 1530.5 | 1822.5 | 2134.8 | 2460.0 | 2847.2 | 3283.7 |
| -5° | 346.9 | 515.8 | 725.0 | 967.4 | 1239.9 | 1538.9 | 1828.0 | 2129.3 | 2466.0 | 2844.6 | 3289.3 |
| -7.5° | 350.6 | 530.0 | 728.9 | 983.0 | 1245.6 | 1533.8 | 1818.6 | 2118.8 | 2456.2 | 2834.8 | 3264.7 |
| -10° | 352.7 | 534.4 | 734.2 | 978.3 | 1238.1 | 1517.2 | 1797.7 | 2094.2 | 2428.1 | 2803.1 | 3217.9 |
| -12.5° | 358.6 | 531.6 | 733.2 | 967.9 | 1221.8 | 1492.1 | 1766.6 | 2055.3 | 2381.3 | 2749.1 | 3153.3 |
| -15° | 360.1 | 525.2 | 724.4 | 952.6 | 1196.9 | 1459.3 | 1725.9 | 2001.9 | 2323.6 | 2696.5 | 3081.9 |
| -17.5° | 356.8 | 515.5 | 707.3 | 933.0 | 1163.5 | 1419.6 | 1678.0 | 1953.8 | 2269.4 | 2635.8 | 3006.9 |
| -20° | 348.5 | 503.0 | 681.3 | 909.9 | 1124.0 | 1375.4 | 1630.1 | 1903.3 | 2207.2 | 2551.5 | 2923.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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° | 335.0 | 488.0 | 653.3 | 877.7 | 1089.8 | 1324.6 | 1573.9 | 1834.5 | 2129.2 | 2442.3 | 2810.1 |
| -25° | 321.0 | 470.9 | 631.2 | 833.4 | 1048.7 | 1265.4 | 1509.2 | 1750.4 | 2037.5 | 2345.0 | 2671.5 |
| -27.5° | 307.7 | 447.1 | 608.3 | 784.8 | 1000.3 | 1202.1 | 1436.2 | 1671.5 | 1934.4 | 2235.9 | 2536.4 |
| -30° | 290.3 | 421.4 | 580.2 | 738.2 | 942.5 | 1142.5 | 1354.8 | 1586.3 | 1822.8 | 2108.8 | 2404.5 |
| -32.5° | 274.9 | 394.7 | 548.3 | 702.6 | 880.3 | 1075.4 | 1267.0 | 1487.6 | 1718.4 | 1962.2 | 2254.4 |
| -35° | 264.6 | 378.9 | 514.5 | 661.6 | 816.8 | 1002.3 | 1184.6 | 1376.3 | 1599.8 | 1828.6 | 2085.2 |
| -37.5° | 256.3 | 360.7 | 478.9 | 618.8 | 766.5 | 925.8 | 1096.4 | 1272.8 | 1467.8 | 1698.5 | 1939.7 |
| -40° | 243.2 | 340.2 | 452.5 | 578.0 | 708.4 | 853.2 | 1011.5 | 1171.2 | 1340.3 | 1565.7 | 1803.6 |
| -42.5° | 226.4 | 320.4 | 427.6 | 533.6 | 652.7 | 784.9 | 925.7 | 1076.0 | 1238.5 | 1434.3 | 1653.0 |
| -45° | 213.6 | 295.1 | 400.0 | 494.9 | 593.5 | 714.4 | 846.6 | 982.8 | 1136.0 | 1304.1 | 1500.6 |
| -47.5° | 197.2 | 267.6 | 363.8 | 452.5 | 539.4 | 642.6 | 763.4 | 892.4 | 1028.1 | 1179.6 | 1340.6 |
| -50° | 179.7 | 244.6 | 319.6 | 405.9 | 488.8 | 574.6 | 677.7 | 796.9 | 920.1 | 1052.1 | 1195.8 |
| -52.5° | 166.4 | 217.7 | 286.2 | 358.1 | 437.0 | 514.8 | 602.6 | 704.9 | 814.8 | 925.1 | 1051.5 |
| -55° | 151.3 | 197.9 | 254.4 | 318.8 | 386.0 | 458.0 | 538.0 | 627.5 | 717.2 | 818.5 | 919.4 |
| -57.5° | 140.7 | 178.9 | 227.8 | 283.8 | 344.2 | 405.4 | 480.8 | 556.5 | 639.6 | 723.4 | 807.1 |
| -60° | 132.5 | 162.5 | 203.0 | 252.4 | 306.2 | 363.4 | 425.3 | 495.2 | 566.7 | 635.1 | 707.5 |
| -62.5° | 123.0 | 149.1 | 180.8 | 221.0 | 269.7 | 319.5 | 374.0 | 433.9 | 498.5 | 556.2 | 612.2 |
| -65° | 110.8 | 133.5 | 160.7 | 193.4 | 231.6 | 273.7 | 320.1 | 370.6 | 426.5 | 473.3 | 519.1 |
| -67.5° | 96.7 | 115.8 | 138.6 | 165.4 | 197.2 | 230.1 | 264.2 | 306.9 | 352.2 | 390.4 | 427.7 |
| -70° | 79.1 | 96.7 | 115.4 | 137.2 | 162.1 | 190.0 | 220.0 | 251.0 | 282.0 | 313.2 | 347.3 |
| -72.5° | 60.5 | 76.6 | 92.4 | 108.0 | 127.8 | 150.7 | 175.1 | 201.1 | 228.2 | 254.9 | 280.8 |
| -75° | 46.2 | 56.6 | 70.4 | 84.4 | 98.2 | 113.1 | 129.6 | 150.3 | 175.5 | 201.4 | 225.1 |
| -77.5° | 34.9 | 43.6 | 52.8 | 62.4 | 71.1 | 82.1 | 94.0 | 106.9 | 127.7 | 151.6 | 175.7 |
| -80° | 25.1 | 30.4 | 37.7 | 45.5 | 51.6 | 57.6 | 63.9 | 70.4 | 85.9 | 105.1 | 125.6 |
| -82.5° | 18.7 | 22.3 | 26.3 | 30.8 | 33.9 | 36.9 | 40.3 | 44.6 | 56.0 | 69.0 | 82.7 |
| -85° | 12.8 | 13.9 | 16.1 | 18.6 | 20.4 | 22.1 | 23.9 | 25.7 | 31.9 | 38.8 | 46.3 |
| -87.5° | 11.1 | 11.6 | 12.2 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 15.8 | 18.0 | 20.2 |
| -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: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 12.4 | 13.2 | 14.0 | 14.7 | 15.5 | 16.3 | 17.1 | 17.8 | 18.6 | 18.6 | 18.6 |
| 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° | 1.4 | 1.6 | 1.6 | 1.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 3.3 | 3.1 | 2.3 | 1.5 | 0.7 | 1.2 | 1.9 | 2.2 | 2.3 | 2.0 | 1.6 |
| 62.5° | 4.9 | 4.5 | 4.1 | 4.7 | 5.6 | 6.5 | 6.3 | 5.9 | 5.5 | 5.2 | 5.4 |
| 60° | 18.3 | 12.2 | 14.1 | 17.7 | 16.6 | 11.4 | 18.7 | 21.1 | 18.0 | 12.3 | 11.9 |
| 57.5° | 46.4 | 44.8 | 51.4 | 75.0 | 82.5 | 75.2 | 89.8 | 109.1 | 108.5 | 93.5 | 93.0 |
| 55° | 98.9 | 132.7 | 173.5 | 180.1 | 208.5 | 265.4 | 309.7 | 290.3 | 290.2 | 304.8 | 351.8 |
| 52.5° | 187.8 | 219.8 | 231.6 | 263.3 | 322.7 | 365.7 | 393.4 | 422.0 | 453.4 | 485.5 | 518.0 |
| 50° | 275.7 | 306.7 | 341.8 | 374.3 | 456.4 | 500.6 | 493.2 | 552.6 | 628.5 | 676.0 | 700.3 |
| 47.5° | 404.4 | 453.2 | 527.5 | 643.9 | 705.2 | 749.5 | 804.7 | 871.9 | 958.9 | 1076.9 | 1167.8 |
| 45° | 555.9 | 632.7 | 747.6 | 871.3 | 966.4 | 1009.8 | 1072.9 | 1177.0 | 1315.7 | 1450.7 | 1549.4 |
| 42.5° | 679.8 | 785.1 | 914.7 | 1032.9 | 1110.5 | 1181.7 | 1263.4 | 1351.2 | 1510.0 | 1654.3 | 1768.3 |
| 40° | 841.4 | 923.4 | 1068.9 | 1180.3 | 1249.8 | 1320.4 | 1449.8 | 1581.1 | 1730.5 | 1865.0 | 1958.4 |
| 37.5° | 1046.3 | 1138.6 | 1289.9 | 1415.9 | 1482.8 | 1507.7 | 1727.8 | 1910.7 | 2032.1 | 2203.7 | 2259.8 |
| 35° | 1266.4 | 1418.3 | 1611.1 | 1774.5 | 1840.0 | 1971.0 | 2197.7 | 2452.8 | 2729.2 | 2830.9 | 2917.7 |
| 32.5° | 1512.0 | 1699.4 | 1961.0 | 2136.3 | 2229.9 | 2428.5 | 2715.4 | 2987.8 | 3349.3 | 3545.5 | 3604.1 |
| 30° | 1736.6 | 1951.6 | 2176.5 | 2346.9 | 2506.9 | 2746.1 | 3007.7 | 3343.6 | 3677.9 | 3928.7 | 4006.6 |
| 27.5° | 1901.4 | 2139.4 | 2355.6 | 2515.2 | 2695.7 | 2953.6 | 3279.8 | 3619.9 | 3948.0 | 4204.0 | 4294.9 |
| 25° | 2058.7 | 2327.7 | 2499.0 | 2684.5 | 2896.4 | 3177.5 | 3539.0 | 3916.9 | 4240.1 | 4456.4 | 4568.0 |
| 22.5° | 2237.7 | 2503.0 | 2686.7 | 2843.9 | 3121.0 | 3444.9 | 3780.5 | 4207.5 | 4549.9 | 4722.5 | 4843.5 |
| 20° | 2422.4 | 2722.5 | 3006.4 | 3152.6 | 3392.4 | 3802.5 | 4178.2 | 4581.3 | 4911.9 | 5091.8 | 5219.1 |
| 17.5° | 2680.2 | 3062.6 | 3410.8 | 3617.8 | 3874.6 | 4365.0 | 4833.7 | 5241.5 | 5701.5 | 5864.0 | 6019.6 |
| 15° | 2952.0 | 3394.6 | 3802.5 | 4130.4 | 4462.1 | 4948.0 | 5551.4 | 6043.5 | 6568.3 | 6802.7 | 7067.7 |
| 12.5° | 3222.9 | 3641.7 | 4011.3 | 4434.3 | 4901.8 | 5331.6 | 5906.1 | 6518.9 | 6995.1 | 7294.1 | 7472.5 |
| 10° | 3425.4 | 3814.4 | 4170.0 | 4594.1 | 5060.7 | 5546.9 | 6117.8 | 6745.9 | 7244.4 | 7499.5 | 7645.1 |
| 7.5° | 3534.7 | 3907.1 | 4282.1 | 4711.8 | 5176.4 | 5694.2 | 6282.4 | 6905.5 | 7415.3 | 7662.5 | 7806.3 |
| 5° | 3615.9 | 3973.5 | 4361.9 | 4814.2 | 5283.9 | 5809.0 | 6396.3 | 7012.1 | 7476.9 | 7739.6 | 7921.4 |
| 2.5° | 3665.0 | 4015.6 | 4412.7 | 4880.3 | 5351.3 | 5898.1 | 6513.8 | 7152.1 | 7558.8 | 7770.1 | 7937.3 |
| 0° | 3679.3 | 4032.4 | 4441.2 | 4915.0 | 5398.2 | 5949.4 | 6559.6 | 7191.4 | 7603.3 | 7807.7 | 7978.0 |
| -2.5° | 3695.4 | 4058.9 | 4478.9 | 4937.5 | 5416.5 | 5966.2 | 6589.0 | 7204.7 | 7575.2 | 7781.5 | 7943.5 |
| -5° | 3684.2 | 4060.9 | 4479.6 | 4918.9 | 5401.1 | 5946.4 | 6544.3 | 7119.9 | 7507.6 | 7730.6 | 7891.7 |
| -7.5° | 3650.8 | 4032.9 | 4447.3 | 4869.5 | 5342.5 | 5894.0 | 6489.4 | 7043.7 | 7436.4 | 7671.5 | 7847.8 |
| -10° | 3602.3 | 3973.3 | 4390.6 | 4818.1 | 5285.4 | 5810.4 | 6396.6 | 6947.6 | 7323.4 | 7573.1 | 7778.6 |
| -12.5° | 3548.5 | 3911.8 | 4314.0 | 4724.1 | 5186.3 | 5704.8 | 6272.8 | 6794.4 | 7168.0 | 7440.3 | 7587.1 |
| -15° | 3468.9 | 3831.9 | 4216.5 | 4613.1 | 5063.7 | 5566.7 | 6109.2 | 6609.6 | 6976.4 | 7198.0 | 7360.3 |
| -17.5° | 3367.5 | 3723.7 | 4088.3 | 4464.5 | 4889.0 | 5384.4 | 5930.2 | 6423.7 | 6722.8 | 6920.7 | 7080.2 |
| -20° | 3259.0 | 3588.4 | 3933.7 | 4288.8 | 4700.2 | 5190.9 | 5727.0 | 6157.5 | 6439.3 | 6629.5 | 6780.1 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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° | 3135.0 | 3452.3 | 3768.4 | 4107.7 | 4511.1 | 4961.0 | 5434.6 | 5850.5 | 6153.6 | 6326.8 | 6466.0 |
| -25° | 2993.5 | 3302.1 | 3602.3 | 3930.1 | 4300.8 | 4705.2 | 5145.5 | 5554.3 | 5825.7 | 6009.7 | 6147.7 |
| -27.5° | 2841.1 | 3131.0 | 3424.3 | 3718.6 | 4051.9 | 4454.9 | 4862.6 | 5242.4 | 5474.0 | 5659.5 | 5798.3 |
| -30° | 2689.0 | 2949.8 | 3221.1 | 3499.7 | 3812.5 | 4175.8 | 4557.2 | 4876.6 | 5120.9 | 5301.1 | 5430.0 |
| -32.5° | 2524.1 | 2771.6 | 3011.9 | 3272.4 | 3566.9 | 3887.1 | 4221.8 | 4525.6 | 4786.7 | 4951.7 | 5060.3 |
| -35° | 2355.2 | 2594.8 | 2814.8 | 3051.2 | 3311.0 | 3587.3 | 3896.2 | 4195.8 | 4453.6 | 4584.2 | 4690.1 |
| -37.5° | 2179.3 | 2418.2 | 2626.8 | 2824.3 | 3048.1 | 3304.0 | 3604.9 | 3890.8 | 4113.5 | 4225.7 | 4321.1 |
| -40° | 2026.4 | 2236.7 | 2424.5 | 2613.4 | 2795.4 | 3022.6 | 3303.5 | 3580.2 | 3758.9 | 3868.3 | 3956.9 |
| -42.5° | 1878.0 | 2055.4 | 2209.1 | 2378.5 | 2560.6 | 2784.6 | 3011.2 | 3243.3 | 3386.9 | 3508.3 | 3601.7 |
| -45° | 1705.0 | 1863.6 | 2007.8 | 2148.7 | 2314.7 | 2519.3 | 2725.1 | 2910.9 | 3045.5 | 3162.8 | 3253.8 |
| -47.5° | 1513.8 | 1666.9 | 1806.9 | 1932.8 | 2087.2 | 2257.8 | 2431.1 | 2585.8 | 2718.6 | 2834.5 | 2915.7 |
| -50° | 1335.6 | 1472.3 | 1609.0 | 1736.5 | 1870.2 | 2008.3 | 2148.8 | 2284.6 | 2410.7 | 2523.4 | 2592.4 |
| -52.5° | 1175.9 | 1302.1 | 1421.6 | 1533.0 | 1650.1 | 1766.7 | 1883.1 | 2007.4 | 2123.5 | 2230.1 | 2285.2 |
| -55° | 1031.4 | 1145.2 | 1253.0 | 1346.9 | 1440.8 | 1533.3 | 1633.1 | 1747.9 | 1854.7 | 1953.5 | 1993.1 |
| -57.5° | 901.8 | 999.1 | 1094.5 | 1173.9 | 1250.6 | 1324.1 | 1411.8 | 1508.7 | 1602.2 | 1686.9 | 1719.2 |
| -60° | 782.5 | 859.8 | 939.5 | 1010.0 | 1076.8 | 1139.8 | 1216.3 | 1294.3 | 1370.2 | 1434.0 | 1461.6 |
| -62.5° | 672.7 | 738.8 | 799.3 | 856.5 | 913.1 | 969.9 | 1031.6 | 1093.5 | 1154.7 | 1203.9 | 1228.8 |
| -65° | 567.0 | 619.6 | 668.2 | 715.2 | 760.9 | 808.6 | 856.9 | 903.9 | 949.3 | 984.4 | 1006.0 |
| -67.5° | 467.7 | 507.7 | 546.2 | 582.9 | 621.1 | 659.8 | 697.5 | 733.6 | 767.6 | 794.8 | 815.4 |
| -70° | 379.6 | 410.6 | 440.7 | 471.1 | 503.0 | 533.1 | 561.5 | 588.5 | 613.9 | 633.4 | 649.3 |
| -72.5° | 306.0 | 331.1 | 357.2 | 384.5 | 410.3 | 432.8 | 453.2 | 472.9 | 491.8 | 502.8 | 511.1 |
| -75° | 246.7 | 267.9 | 290.5 | 312.6 | 334.2 | 351.2 | 366.2 | 380.8 | 394.8 | 395.5 | 392.7 |
| -77.5° | 199.3 | 218.2 | 235.7 | 253.1 | 270.3 | 280.8 | 290.0 | 299.5 | 309.1 | 303.5 | 294.8 |
| -80° | 146.3 | 162.0 | 176.9 | 191.9 | 206.8 | 213.1 | 217.4 | 221.2 | 224.4 | 217.1 | 208.2 |
| -82.5° | 97.1 | 107.0 | 116.6 | 126.5 | 136.5 | 140.5 | 143.5 | 145.9 | 147.9 | 141.4 | 133.8 |
| -85° | 54.1 | 58.9 | 63.6 | 68.3 | 73.1 | 75.9 | 78.4 | 80.7 | 82.9 | 79.0 | 74.6 |
| -87.5° | 22.5 | 23.6 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.6 | 30.6 | 30.7 | 30.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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° | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 17.8 |
| 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° | 0.9 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.9 | 1.6 | 2.0 | 2.3 | 2.2 |
| 62.5° | 5.7 | 5.9 | 6.1 | 6.2 | 6.1 | 5.9 | 5.7 | 5.4 | 5.2 | 5.5 | 5.9 |
| 60° | 11.0 | 9.6 | 9.3 | 9.3 | 9.3 | 9.6 | 11.0 | 11.9 | 12.3 | 18.0 | 21.1 |
| 57.5° | 85.8 | 73.5 | 75.3 | 83.6 | 75.3 | 73.5 | 85.8 | 93.0 | 93.5 | 108.5 | 109.1 |
| 55° | 401.2 | 447.8 | 464.4 | 455.3 | 464.4 | 447.8 | 401.2 | 351.8 | 304.8 | 290.2 | 290.3 |
| 52.5° | 543.6 | 562.8 | 570.2 | 569.9 | 570.2 | 562.8 | 543.6 | 518.0 | 485.5 | 453.4 | 422.0 |
| 50° | 707.7 | 701.2 | 691.2 | 681.4 | 691.2 | 701.2 | 707.7 | 700.3 | 676.0 | 628.5 | 552.6 |
| 47.5° | 1181.1 | 1160.6 | 1152.0 | 1167.6 | 1152.0 | 1160.6 | 1181.1 | 1167.8 | 1076.9 | 958.9 | 871.9 |
| 45° | 1569.5 | 1593.5 | 1611.4 | 1610.5 | 1611.4 | 1593.5 | 1569.5 | 1549.4 | 1450.7 | 1315.7 | 1177.0 |
| 42.5° | 1790.6 | 1803.4 | 1807.2 | 1802.5 | 1807.2 | 1803.4 | 1790.6 | 1768.3 | 1654.3 | 1510.0 | 1351.2 |
| 40° | 1987.8 | 2003.0 | 2011.6 | 2019.3 | 2011.6 | 2003.0 | 1987.8 | 1958.4 | 1865.0 | 1730.5 | 1581.1 |
| 37.5° | 2278.3 | 2283.9 | 2271.7 | 2263.9 | 2271.7 | 2283.9 | 2278.3 | 2259.8 | 2203.7 | 2032.1 | 1910.7 |
| 35° | 2990.8 | 3005.4 | 2971.6 | 3007.2 | 2971.6 | 3005.4 | 2990.8 | 2917.7 | 2830.9 | 2729.2 | 2452.8 |
| 32.5° | 3674.0 | 3742.4 | 3797.7 | 3843.4 | 3797.7 | 3742.4 | 3674.0 | 3604.1 | 3545.5 | 3349.3 | 2987.8 |
| 30° | 4061.0 | 4105.1 | 4128.9 | 4134.6 | 4128.9 | 4105.1 | 4061.0 | 4006.6 | 3928.7 | 3677.9 | 3343.6 |
| 27.5° | 4345.2 | 4391.4 | 4420.2 | 4441.2 | 4420.2 | 4391.4 | 4345.2 | 4294.9 | 4204.0 | 3948.0 | 3619.9 |
| 25° | 4619.1 | 4661.3 | 4690.1 | 4701.3 | 4690.1 | 4661.3 | 4619.1 | 4568.0 | 4456.4 | 4240.1 | 3916.9 |
| 22.5° | 4903.3 | 4932.7 | 4960.3 | 4973.9 | 4960.3 | 4932.7 | 4903.3 | 4843.5 | 4722.5 | 4549.9 | 4207.5 |
| 20° | 5310.7 | 5294.7 | 5319.9 | 5311.5 | 5319.9 | 5294.7 | 5310.7 | 5219.1 | 5091.8 | 4911.9 | 4581.3 |
| 17.5° | 6140.9 | 6149.6 | 6166.4 | 6194.1 | 6166.4 | 6149.6 | 6140.9 | 6019.6 | 5864.0 | 5701.5 | 5241.5 |
| 15° | 7185.1 | 7206.1 | 7312.9 | 7408.2 | 7312.9 | 7206.1 | 7185.1 | 7067.7 | 6802.7 | 6568.3 | 6043.5 |
| 12.5° | 7638.0 | 7710.7 | 7722.0 | 7748.8 | 7722.0 | 7710.7 | 7638.0 | 7472.5 | 7294.1 | 6995.1 | 6518.9 |
| 10° | 7789.2 | 7915.1 | 7912.4 | 7944.0 | 7912.4 | 7915.1 | 7789.2 | 7645.1 | 7499.5 | 7244.4 | 6745.9 |
| 7.5° | 7903.8 | 8039.0 | 8096.2 | 8120.5 | 8096.2 | 8039.0 | 7903.8 | 7806.3 | 7662.5 | 7415.3 | 6905.5 |
| 5° | 8043.8 | 8118.2 | 8216.8 | 8188.6 | 8216.8 | 8118.2 | 8043.8 | 7921.4 | 7739.6 | 7476.9 | 7012.1 |
| 2.5° | 8102.5 | 8219.0 | 8192.1 | 8219.6 | 8192.1 | 8219.0 | 8102.5 | 7937.3 | 7770.1 | 7558.8 | 7152.1 |
| 0° | 8142.2 | 8225.8 | 8238.2 | 8266.0 | 8238.2 | 8225.8 | 8142.2 | 7978.0 | 7807.7 | 7603.3 | 7191.4 |
| -2.5° | 8094.1 | 8167.7 | 8296.6 | 8256.8 | 8296.6 | 8167.7 | 8094.1 | 7943.5 | 7781.5 | 7575.2 | 7204.7 |
| -5° | 8052.0 | 8233.2 | 8162.8 | 8250.6 | 8162.8 | 8233.2 | 8052.0 | 7891.7 | 7730.6 | 7507.6 | 7119.9 |
| -7.5° | 8030.3 | 8062.7 | 8109.4 | 8176.2 | 8109.4 | 8062.7 | 8030.3 | 7847.8 | 7671.5 | 7436.4 | 7043.7 |
| -10° | 7862.2 | 7895.3 | 7981.1 | 8027.6 | 7981.1 | 7895.3 | 7862.2 | 7778.6 | 7573.1 | 7323.4 | 6947.6 |
| -12.5° | 7679.9 | 7744.0 | 7834.1 | 7863.4 | 7834.1 | 7744.0 | 7679.9 | 7587.1 | 7440.3 | 7168.0 | 6794.4 |
| -15° | 7469.9 | 7565.2 | 7653.0 | 7671.4 | 7653.0 | 7565.2 | 7469.9 | 7360.3 | 7198.0 | 6976.4 | 6609.6 |
| -17.5° | 7202.8 | 7317.1 | 7409.3 | 7429.8 | 7409.3 | 7317.1 | 7202.8 | 7080.2 | 6920.7 | 6722.8 | 6423.7 |
| -20° | 6908.6 | 7018.0 | 7096.5 | 7120.1 | 7096.5 | 7018.0 | 6908.6 | 6780.1 | 6629.5 | 6439.3 | 6157.5 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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° | 6593.5 | 6692.1 | 6758.5 | 6748.5 | 6758.5 | 6692.1 | 6593.5 | 6466.0 | 6326.8 | 6153.6 | 5850.5 |
| -25° | 6259.1 | 6350.5 | 6413.7 | 6404.7 | 6413.7 | 6350.5 | 6259.1 | 6147.7 | 6009.7 | 5825.7 | 5554.3 |
| -27.5° | 5905.5 | 5992.1 | 6052.8 | 6054.7 | 6052.8 | 5992.1 | 5905.5 | 5798.3 | 5659.5 | 5474.0 | 5242.4 |
| -30° | 5533.9 | 5612.6 | 5661.9 | 5642.8 | 5661.9 | 5612.6 | 5533.9 | 5430.0 | 5301.1 | 5120.9 | 4876.6 |
| -32.5° | 5150.7 | 5221.8 | 5267.0 | 5280.5 | 5267.0 | 5221.8 | 5150.7 | 5060.3 | 4951.7 | 4786.7 | 4525.6 |
| -35° | 4772.7 | 4835.4 | 4874.5 | 4884.1 | 4874.5 | 4835.4 | 4772.7 | 4690.1 | 4584.2 | 4453.6 | 4195.8 |
| -37.5° | 4397.0 | 4451.0 | 4478.3 | 4466.0 | 4478.3 | 4451.0 | 4397.0 | 4321.1 | 4225.7 | 4113.5 | 3890.8 |
| -40° | 4025.9 | 4077.3 | 4108.6 | 4116.0 | 4108.6 | 4077.3 | 4025.9 | 3956.9 | 3868.3 | 3758.9 | 3580.2 |
| -42.5° | 3661.0 | 3703.7 | 3731.1 | 3744.3 | 3731.1 | 3703.7 | 3661.0 | 3601.7 | 3508.3 | 3386.9 | 3243.3 |
| -45° | 3306.9 | 3345.1 | 3370.8 | 3385.1 | 3370.8 | 3345.1 | 3306.9 | 3253.8 | 3162.8 | 3045.5 | 2910.9 |
| -47.5° | 2962.3 | 2995.8 | 3018.0 | 3028.9 | 3018.0 | 2995.8 | 2962.3 | 2915.7 | 2834.5 | 2718.6 | 2585.8 |
| -50° | 2632.8 | 2661.8 | 2682.5 | 2694.4 | 2682.5 | 2661.8 | 2632.8 | 2592.4 | 2523.4 | 2410.7 | 2284.6 |
| -52.5° | 2320.4 | 2345.7 | 2363.3 | 2372.3 | 2363.3 | 2345.7 | 2320.4 | 2285.2 | 2230.1 | 2123.5 | 2007.4 |
| -55° | 2021.9 | 2042.5 | 2058.8 | 2068.8 | 2058.8 | 2042.5 | 2021.9 | 1993.1 | 1953.5 | 1854.7 | 1747.9 |
| -57.5° | 1743.7 | 1760.5 | 1776.0 | 1787.0 | 1776.0 | 1760.5 | 1743.7 | 1719.2 | 1686.9 | 1602.2 | 1508.7 |
| -60° | 1483.3 | 1499.2 | 1512.3 | 1520.7 | 1512.3 | 1499.2 | 1483.3 | 1461.6 | 1434.0 | 1370.2 | 1294.3 |
| -62.5° | 1248.2 | 1262.3 | 1274.3 | 1282.2 | 1274.3 | 1262.3 | 1248.2 | 1228.8 | 1203.9 | 1154.7 | 1093.5 |
| -65° | 1022.9 | 1035.5 | 1044.5 | 1049.9 | 1044.5 | 1035.5 | 1022.9 | 1006.0 | 984.4 | 949.3 | 903.9 |
| -67.5° | 833.0 | 847.5 | 850.4 | 848.6 | 850.4 | 847.5 | 833.0 | 815.4 | 794.8 | 767.6 | 733.6 |
| -70° | 663.5 | 675.8 | 678.7 | 678.3 | 678.7 | 675.8 | 663.5 | 649.3 | 633.4 | 613.9 | 588.5 |
| -72.5° | 518.8 | 525.5 | 519.8 | 511.0 | 519.8 | 525.5 | 518.8 | 511.1 | 502.8 | 491.8 | 472.9 |
| -75° | 389.3 | 385.0 | 379.0 | 371.6 | 379.0 | 385.0 | 389.3 | 392.7 | 395.5 | 394.8 | 380.8 |
| -77.5° | 285.1 | 274.5 | 267.7 | 260.2 | 267.7 | 274.5 | 285.1 | 294.8 | 303.5 | 309.1 | 299.5 |
| -80° | 198.5 | 188.2 | 181.0 | 173.4 | 181.0 | 188.2 | 198.5 | 208.2 | 217.1 | 224.4 | 221.2 |
| -82.5° | 125.8 | 117.3 | 112.9 | 108.4 | 112.9 | 117.3 | 125.8 | 133.8 | 141.4 | 147.9 | 145.9 |
| -85° | 69.8 | 64.8 | 61.8 | 58.8 | 61.8 | 64.8 | 69.8 | 74.6 | 79.0 | 82.9 | 80.7 |
| -87.5° | 30.9 | 31.0 | 29.4 | 27.9 | 29.4 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 29.6 |
| -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: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 17.1 | 16.3 | 15.5 | 14.7 | 14.0 | 13.2 | 12.4 | 11.6 | 10.9 | 10.1 | 9.3 |
| 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 | 0.3 |
| 67.5° | 0.0 | 0.0 | 0.6 | 1.3 | 1.6 | 1.6 | 1.4 | 1.6 | 1.8 | 1.7 | 1.6 |
| 65° | 1.9 | 1.2 | 0.7 | 1.5 | 2.3 | 3.1 | 3.3 | 2.9 | 2.8 | 3.2 | 3.8 |
| 62.5° | 6.3 | 6.5 | 5.6 | 4.7 | 4.1 | 4.5 | 4.9 | 5.3 | 4.6 | 3.7 | 4.8 |
| 60° | 18.7 | 11.4 | 16.6 | 17.7 | 14.1 | 12.2 | 18.3 | 17.4 | 9.1 | 7.8 | 7.0 |
| 57.5° | 89.8 | 75.2 | 82.5 | 75.0 | 51.4 | 44.8 | 46.4 | 44.3 | 40.0 | 24.5 | 10.5 |
| 55° | 309.7 | 265.4 | 208.5 | 180.1 | 173.5 | 132.7 | 98.9 | 82.6 | 74.8 | 54.0 | 35.8 |
| 52.5° | 393.4 | 365.7 | 322.7 | 263.3 | 231.6 | 219.8 | 187.8 | 150.3 | 119.4 | 95.5 | 68.5 |
| 50° | 493.2 | 500.6 | 456.4 | 374.3 | 341.8 | 306.7 | 275.7 | 232.2 | 193.1 | 154.9 | 114.3 |
| 47.5° | 804.7 | 749.5 | 705.2 | 643.9 | 527.5 | 453.2 | 404.4 | 333.2 | 279.5 | 233.3 | 183.3 |
| 45° | 1072.9 | 1009.8 | 966.4 | 871.3 | 747.6 | 632.7 | 555.9 | 466.7 | 371.8 | 309.9 | 264.4 |
| 42.5° | 1263.4 | 1181.7 | 1110.5 | 1032.9 | 914.7 | 785.1 | 679.8 | 591.5 | 491.7 | 391.4 | 331.0 |
| 40° | 1449.8 | 1320.4 | 1249.8 | 1180.3 | 1068.9 | 923.4 | 841.4 | 711.8 | 607.6 | 496.4 | 413.9 |
| 37.5° | 1727.8 | 1507.7 | 1482.8 | 1415.9 | 1289.9 | 1138.6 | 1046.3 | 918.4 | 725.1 | 620.2 | 525.4 |
| 35° | 2197.7 | 1971.0 | 1840.0 | 1774.5 | 1611.1 | 1418.3 | 1266.4 | 1146.9 | 955.1 | 748.6 | 639.3 |
| 32.5° | 2715.4 | 2428.5 | 2229.9 | 2136.3 | 1961.0 | 1699.4 | 1512.0 | 1360.0 | 1167.5 | 933.8 | 758.5 |
| 30° | 3007.7 | 2746.1 | 2506.9 | 2346.9 | 2176.5 | 1951.6 | 1736.6 | 1522.1 | 1313.0 | 1119.7 | 887.7 |
| 27.5° | 3279.8 | 2953.6 | 2695.7 | 2515.2 | 2355.6 | 2139.4 | 1901.4 | 1671.5 | 1441.8 | 1250.7 | 1043.8 |
| 25° | 3539.0 | 3177.5 | 2896.4 | 2684.5 | 2499.0 | 2327.7 | 2058.7 | 1807.5 | 1567.9 | 1356.8 | 1194.9 |
| 22.5° | 3780.5 | 3444.9 | 3121.0 | 2843.9 | 2686.7 | 2503.0 | 2237.7 | 1933.4 | 1699.3 | 1521.8 | 1331.3 |
| 20° | 4178.2 | 3802.5 | 3392.4 | 3152.6 | 3006.4 | 2722.5 | 2422.4 | 2121.5 | 1906.6 | 1703.2 | 1479.1 |
| 17.5° | 4833.7 | 4365.0 | 3874.6 | 3617.8 | 3410.8 | 3062.6 | 2680.2 | 2381.7 | 2113.3 | 1886.7 | 1640.1 |
| 15° | 5551.4 | 4948.0 | 4462.1 | 4130.4 | 3802.5 | 3394.6 | 2952.0 | 2629.5 | 2324.5 | 2069.6 | 1788.0 |
| 12.5° | 5906.1 | 5331.6 | 4901.8 | 4434.3 | 4011.3 | 3641.7 | 3222.9 | 2867.3 | 2521.2 | 2188.9 | 1879.4 |
| 10° | 6117.8 | 5546.9 | 5060.7 | 4594.1 | 4170.0 | 3814.4 | 3425.4 | 3004.2 | 2619.6 | 2268.0 | 1955.7 |
| 7.5° | 6282.4 | 5694.2 | 5176.4 | 4711.8 | 4282.1 | 3907.1 | 3534.7 | 3093.1 | 2698.3 | 2331.9 | 2016.9 |
| 5° | 6396.3 | 5809.0 | 5283.9 | 4814.2 | 4361.9 | 3973.5 | 3615.9 | 3160.4 | 2756.9 | 2380.4 | 2063.4 |
| 2.5° | 6513.8 | 5898.1 | 5351.3 | 4880.3 | 4412.7 | 4015.6 | 3665.0 | 3211.8 | 2804.6 | 2416.4 | 2102.2 |
| 0° | 6559.6 | 5949.4 | 5398.2 | 4915.0 | 4441.2 | 4032.4 | 3679.3 | 3245.7 | 2836.9 | 2437.4 | 2127.7 |
| -2.5° | 6589.0 | 5966.2 | 5416.5 | 4937.5 | 4478.9 | 4058.9 | 3695.4 | 3283.7 | 2847.2 | 2460.0 | 2134.8 |
| -5° | 6544.3 | 5946.4 | 5401.1 | 4918.9 | 4479.6 | 4060.9 | 3684.2 | 3289.3 | 2844.6 | 2466.0 | 2129.3 |
| -7.5° | 6489.4 | 5894.0 | 5342.5 | 4869.5 | 4447.3 | 4032.9 | 3650.8 | 3264.7 | 2834.8 | 2456.2 | 2118.8 |
| -10° | 6396.6 | 5810.4 | 5285.4 | 4818.1 | 4390.6 | 3973.3 | 3602.3 | 3217.9 | 2803.1 | 2428.1 | 2094.2 |
| -12.5° | 6272.8 | 5704.8 | 5186.3 | 4724.1 | 4314.0 | 3911.8 | 3548.5 | 3153.3 | 2749.1 | 2381.3 | 2055.3 |
| -15° | 6109.2 | 5566.7 | 5063.7 | 4613.1 | 4216.5 | 3831.9 | 3468.9 | 3081.9 | 2696.5 | 2323.6 | 2001.9 |
| -17.5° | 5930.2 | 5384.4 | 4889.0 | 4464.5 | 4088.3 | 3723.7 | 3367.5 | 3006.9 | 2635.8 | 2269.4 | 1953.8 |
| -20° | 5727.0 | 5190.9 | 4700.2 | 4288.8 | 3933.7 | 3588.4 | 3259.0 | 2923.0 | 2551.5 | 2207.2 | 1903.3 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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° | 5434.6 | 4961.0 | 4511.1 | 4107.7 | 3768.4 | 3452.3 | 3135.0 | 2810.1 | 2442.3 | 2129.2 | 1834.5 |
| -25° | 5145.5 | 4705.2 | 4300.8 | 3930.1 | 3602.3 | 3302.1 | 2993.5 | 2671.5 | 2345.0 | 2037.5 | 1750.4 |
| -27.5° | 4862.6 | 4454.9 | 4051.9 | 3718.6 | 3424.3 | 3131.0 | 2841.1 | 2536.4 | 2235.9 | 1934.4 | 1671.5 |
| -30° | 4557.2 | 4175.8 | 3812.5 | 3499.7 | 3221.1 | 2949.8 | 2689.0 | 2404.5 | 2108.8 | 1822.8 | 1586.3 |
| -32.5° | 4221.8 | 3887.1 | 3566.9 | 3272.4 | 3011.9 | 2771.6 | 2524.1 | 2254.4 | 1962.2 | 1718.4 | 1487.6 |
| -35° | 3896.2 | 3587.3 | 3311.0 | 3051.2 | 2814.8 | 2594.8 | 2355.2 | 2085.2 | 1828.6 | 1599.8 | 1376.3 |
| -37.5° | 3604.9 | 3304.0 | 3048.1 | 2824.3 | 2626.8 | 2418.2 | 2179.3 | 1939.7 | 1698.5 | 1467.8 | 1272.8 |
| -40° | 3303.5 | 3022.6 | 2795.4 | 2613.4 | 2424.5 | 2236.7 | 2026.4 | 1803.6 | 1565.7 | 1340.3 | 1171.2 |
| -42.5° | 3011.2 | 2784.6 | 2560.6 | 2378.5 | 2209.1 | 2055.4 | 1878.0 | 1653.0 | 1434.3 | 1238.5 | 1076.0 |
| -45° | 2725.1 | 2519.3 | 2314.7 | 2148.7 | 2007.8 | 1863.6 | 1705.0 | 1500.6 | 1304.1 | 1136.0 | 982.8 |
| -47.5° | 2431.1 | 2257.8 | 2087.2 | 1932.8 | 1806.9 | 1666.9 | 1513.8 | 1340.6 | 1179.6 | 1028.1 | 892.4 |
| -50° | 2148.8 | 2008.3 | 1870.2 | 1736.5 | 1609.0 | 1472.3 | 1335.6 | 1195.8 | 1052.1 | 920.1 | 796.9 |
| -52.5° | 1883.1 | 1766.7 | 1650.1 | 1533.0 | 1421.6 | 1302.1 | 1175.9 | 1051.5 | 925.1 | 814.8 | 704.9 |
| -55° | 1633.1 | 1533.3 | 1440.8 | 1346.9 | 1253.0 | 1145.2 | 1031.4 | 919.4 | 818.5 | 717.2 | 627.5 |
| -57.5° | 1411.8 | 1324.1 | 1250.6 | 1173.9 | 1094.5 | 999.1 | 901.8 | 807.1 | 723.4 | 639.6 | 556.5 |
| -60° | 1216.3 | 1139.8 | 1076.8 | 1010.0 | 939.5 | 859.8 | 782.5 | 707.5 | 635.1 | 566.7 | 495.2 |
| -62.5° | 1031.6 | 969.9 | 913.1 | 856.5 | 799.3 | 738.8 | 672.7 | 612.2 | 556.2 | 498.5 | 433.9 |
| -65° | 856.9 | 808.6 | 760.9 | 715.2 | 668.2 | 619.6 | 567.0 | 519.1 | 473.3 | 426.5 | 370.6 |
| -67.5° | 697.5 | 659.8 | 621.1 | 582.9 | 546.2 | 507.7 | 467.7 | 427.7 | 390.4 | 352.2 | 306.9 |
| -70° | 561.5 | 533.1 | 503.0 | 471.1 | 440.7 | 410.6 | 379.6 | 347.3 | 313.2 | 282.0 | 251.0 |
| -72.5° | 453.2 | 432.8 | 410.3 | 384.5 | 357.2 | 331.1 | 306.0 | 280.8 | 254.9 | 228.2 | 201.1 |
| -75° | 366.2 | 351.2 | 334.2 | 312.6 | 290.5 | 267.9 | 246.7 | 225.1 | 201.4 | 175.5 | 150.3 |
| -77.5° | 290.0 | 280.8 | 270.3 | 253.1 | 235.7 | 218.2 | 199.3 | 175.7 | 151.6 | 127.7 | 106.9 |
| -80° | 217.4 | 213.1 | 206.8 | 191.9 | 176.9 | 162.0 | 146.3 | 125.6 | 105.1 | 85.9 | 70.4 |
| -82.5° | 143.5 | 140.5 | 136.5 | 126.5 | 116.6 | 107.0 | 97.1 | 82.7 | 69.0 | 56.0 | 44.6 |
| -85° | 78.4 | 75.9 | 73.1 | 68.3 | 63.6 | 58.9 | 54.1 | 46.3 | 38.8 | 31.9 | 25.7 |
| -87.5° | 28.7 | 27.7 | 26.7 | 25.7 | 24.7 | 23.6 | 22.5 | 20.2 | 18.0 | 15.8 | 13.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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° | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 8.5 | 7.8 | 7.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.9 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 0.8 | 0.9 | 0.8 | 0.5 | 0.1 | 0.2 |
| 80° | 0.0 | 0.0 | 0.0 | 0.1 | 0.8 | 1.7 | 2.0 | 2.1 | 1.6 | 1.1 | 0.6 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.9 | 1.8 | 2.8 | 2.8 | 2.2 | 1.5 |
| 75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.7 | 1.6 | 2.5 | 3.1 | 2.4 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.4 | 0.8 | 0.9 | 0.5 | 0.5 | 1.8 | 2.6 | 3.1 |
| 70° | 0.5 | 0.2 | 0.0 | 0.5 | 1.3 | 1.9 | 1.8 | 1.4 | 1.2 | 2.3 | 2.9 |
| 67.5° | 1.5 | 1.6 | 1.2 | 0.9 | 1.4 | 2.1 | 2.9 | 2.8 | 2.4 | 2.0 | 2.9 |
| 65° | 3.6 | 3.3 | 3.0 | 2.7 | 2.3 | 2.3 | 3.0 | 3.8 | 3.6 | 3.1 | 2.8 |
| 62.5° | 5.4 | 5.4 | 5.0 | 4.5 | 4.0 | 3.5 | 3.2 | 4.3 | 4.7 | 4.2 | 3.5 |
| 60° | 7.0 | 7.3 | 6.9 | 6.3 | 5.7 | 5.1 | 4.6 | 4.9 | 5.4 | 5.2 | 4.4 |
| 57.5° | 9.6 | 9.4 | 9.2 | 8.4 | 7.4 | 6.6 | 6.2 | 6.1 | 6.2 | 6.1 | 5.4 |
| 55° | 17.0 | 11.8 | 11.9 | 11.0 | 9.5 | 8.2 | 7.8 | 7.5 | 7.2 | 7.1 | 6.3 |
| 52.5° | 43.0 | 23.9 | 15.3 | 14.2 | 12.3 | 10.1 | 9.4 | 9.0 | 8.5 | 8.1 | 7.2 |
| 50° | 79.4 | 51.4 | 29.1 | 18.3 | 15.6 | 13.3 | 11.0 | 10.5 | 9.8 | 9.2 | 8.1 |
| 47.5° | 127.2 | 88.4 | 57.4 | 28.8 | 20.1 | 16.6 | 13.8 | 11.9 | 11.2 | 10.4 | 8.9 |
| 45° | 195.9 | 130.3 | 90.3 | 57.1 | 26.8 | 22.9 | 17.1 | 13.3 | 12.4 | 11.4 | 9.8 |
| 42.5° | 272.5 | 191.2 | 126.8 | 86.2 | 51.2 | 31.7 | 20.4 | 16.2 | 13.7 | 12.6 | 10.7 |
| 40° | 347.6 | 264.2 | 170.3 | 118.9 | 77.2 | 42.5 | 29.4 | 19.3 | 15.0 | 13.8 | 11.8 |
| 37.5° | 430.8 | 341.4 | 238.5 | 153.7 | 103.7 | 64.8 | 40.2 | 22.5 | 17.1 | 15.1 | 12.9 |
| 35° | 533.7 | 427.1 | 306.7 | 204.8 | 137.4 | 85.6 | 52.3 | 28.7 | 21.0 | 16.5 | 14.0 |
| 32.5° | 636.4 | 512.6 | 380.5 | 264.2 | 172.6 | 104.7 | 68.0 | 40.9 | 25.5 | 17.9 | 15.1 |
| 30° | 739.8 | 591.0 | 450.0 | 319.2 | 213.0 | 135.4 | 85.0 | 52.7 | 30.8 | 19.4 | 16.3 |
| 27.5° | 832.9 | 665.0 | 515.1 | 376.6 | 260.5 | 167.9 | 102.7 | 64.3 | 36.5 | 21.9 | 17.5 |
| 25° | 938.0 | 744.9 | 579.1 | 431.5 | 303.9 | 201.7 | 120.9 | 75.5 | 45.0 | 26.4 | 18.8 |
| 22.5° | 1073.3 | 827.0 | 638.4 | 481.3 | 346.9 | 234.0 | 144.3 | 90.4 | 54.3 | 31.1 | 20.0 |
| 20° | 1207.8 | 907.2 | 696.5 | 543.6 | 393.6 | 270.4 | 171.3 | 105.3 | 63.2 | 36.0 | 21.2 |
| 17.5° | 1339.8 | 1010.0 | 781.1 | 607.3 | 443.6 | 304.4 | 196.6 | 119.8 | 71.5 | 41.0 | 22.4 |
| 15° | 1458.1 | 1127.8 | 864.2 | 667.6 | 492.6 | 335.9 | 220.0 | 134.0 | 79.3 | 46.0 | 24.0 |
| 12.5° | 1557.5 | 1229.3 | 942.5 | 724.0 | 539.7 | 364.6 | 241.3 | 147.5 | 86.5 | 51.6 | 26.1 |
| 10° | 1639.7 | 1315.2 | 1015.1 | 776.1 | 584.3 | 390.5 | 260.6 | 161.1 | 95.0 | 57.5 | 28.4 |
| 7.5° | 1705.3 | 1386.1 | 1081.1 | 823.4 | 624.8 | 414.7 | 281.3 | 175.4 | 103.2 | 63.1 | 30.7 |
| 5° | 1754.6 | 1441.5 | 1132.1 | 857.3 | 656.9 | 436.9 | 300.4 | 188.6 | 110.8 | 68.3 | 33.0 |
| 2.5° | 1786.7 | 1482.2 | 1170.0 | 883.9 | 683.1 | 455.6 | 317.2 | 200.4 | 117.7 | 73.1 | 35.1 |
| 0° | 1805.6 | 1511.4 | 1198.6 | 904.3 | 703.0 | 470.8 | 331.4 | 210.6 | 123.9 | 77.4 | 37.2 |
| -2.5° | 1822.5 | 1530.5 | 1223.6 | 939.9 | 716.7 | 495.7 | 340.5 | 219.8 | 133.7 | 80.5 | 41.0 |
| -5° | 1828.0 | 1538.9 | 1239.9 | 967.4 | 725.0 | 515.8 | 346.9 | 227.4 | 142.2 | 83.0 | 44.4 |
| -7.5° | 1818.6 | 1533.8 | 1245.6 | 983.0 | 728.9 | 530.0 | 350.6 | 233.3 | 149.2 | 84.9 | 47.4 |
| -10° | 1797.7 | 1517.2 | 1238.1 | 978.3 | 734.2 | 534.4 | 352.7 | 237.6 | 154.3 | 86.3 | 49.9 |
| -12.5° | 1766.6 | 1492.1 | 1221.8 | 967.9 | 733.2 | 531.6 | 358.6 | 241.0 | 156.9 | 87.3 | 51.8 |
| -15° | 1725.9 | 1459.3 | 1196.9 | 952.6 | 724.4 | 525.2 | 360.1 | 242.2 | 156.6 | 89.1 | 52.9 |
| -17.5° | 1678.0 | 1419.6 | 1163.5 | 933.0 | 707.3 | 515.5 | 356.8 | 240.7 | 155.1 | 91.8 | 54.0 |
| -20° | 1630.1 | 1375.4 | 1124.0 | 909.9 | 681.3 | 503.0 | 348.5 | 236.3 | 152.2 | 93.5 | 55.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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° | 1573.9 | 1324.6 | 1089.8 | 877.7 | 653.3 | 488.0 | 335.0 | 228.8 | 148.1 | 94.3 | 55.7 |
| -25° | 1509.2 | 1265.4 | 1048.7 | 833.4 | 631.2 | 470.9 | 321.0 | 218.1 | 142.9 | 94.0 | 55.5 |
| -27.5° | 1436.2 | 1202.1 | 1000.3 | 784.8 | 608.3 | 447.1 | 307.7 | 210.3 | 138.4 | 92.7 | 54.7 |
| -30° | 1354.8 | 1142.5 | 942.5 | 738.2 | 580.2 | 421.4 | 290.3 | 201.5 | 136.4 | 91.0 | 53.1 |
| -32.5° | 1267.0 | 1075.4 | 880.3 | 702.6 | 548.3 | 394.7 | 274.9 | 191.5 | 133.0 | 88.8 | 53.2 |
| -35° | 1184.6 | 1002.3 | 816.8 | 661.6 | 514.5 | 378.9 | 264.6 | 180.5 | 128.2 | 85.7 | 53.5 |
| -37.5° | 1096.4 | 925.8 | 766.5 | 618.8 | 478.9 | 360.7 | 256.3 | 175.5 | 122.0 | 81.7 | 53.3 |
| -40° | 1011.5 | 853.2 | 708.4 | 578.0 | 452.5 | 340.2 | 243.2 | 170.0 | 116.0 | 76.9 | 52.6 |
| -42.5° | 925.7 | 784.9 | 652.7 | 533.6 | 427.6 | 320.4 | 226.4 | 161.6 | 111.2 | 74.1 | 51.4 |
| -45° | 846.6 | 714.4 | 593.5 | 494.9 | 400.0 | 295.1 | 213.6 | 151.0 | 105.3 | 72.1 | 50.3 |
| -47.5° | 763.4 | 642.6 | 539.4 | 452.5 | 363.8 | 267.6 | 197.2 | 142.7 | 98.2 | 69.5 | 49.6 |
| -50° | 677.7 | 574.6 | 488.8 | 405.9 | 319.6 | 244.6 | 179.7 | 132.7 | 95.6 | 67.5 | 48.3 |
| -52.5° | 602.6 | 514.8 | 437.0 | 358.1 | 286.2 | 217.7 | 166.4 | 122.0 | 92.3 | 65.7 | 46.7 |
| -55° | 538.0 | 458.0 | 386.0 | 318.8 | 254.4 | 197.9 | 151.3 | 116.9 | 88.1 | 63.6 | 44.6 |
| -57.5° | 480.8 | 405.4 | 344.2 | 283.8 | 227.8 | 178.9 | 140.7 | 110.9 | 83.7 | 60.6 | 42.7 |
| -60° | 425.3 | 363.4 | 306.2 | 252.4 | 203.0 | 162.5 | 132.5 | 104.0 | 78.5 | 56.8 | 40.6 |
| -62.5° | 374.0 | 319.5 | 269.7 | 221.0 | 180.8 | 149.1 | 123.0 | 95.9 | 72.3 | 52.1 | 37.8 |
| -65° | 320.1 | 273.7 | 231.6 | 193.4 | 160.7 | 133.5 | 110.8 | 86.7 | 64.2 | 46.4 | 34.3 |
| -67.5° | 264.2 | 230.1 | 197.2 | 165.4 | 138.6 | 115.8 | 96.7 | 74.5 | 54.6 | 39.9 | 30.1 |
| -70° | 220.0 | 190.0 | 162.1 | 137.2 | 115.4 | 96.7 | 79.1 | 60.2 | 44.1 | 34.1 | 25.6 |
| -72.5° | 175.1 | 150.7 | 127.8 | 108.0 | 92.4 | 76.6 | 60.5 | 46.1 | 36.6 | 28.2 | 21.0 |
| -75° | 129.6 | 113.1 | 98.2 | 84.4 | 70.4 | 56.6 | 46.2 | 36.7 | 28.8 | 21.9 | 17.7 |
| -77.5° | 94.0 | 82.1 | 71.1 | 62.4 | 52.8 | 43.6 | 34.9 | 26.9 | 21.8 | 18.2 | 14.9 |
| -80° | 63.9 | 57.6 | 51.6 | 45.5 | 37.7 | 30.4 | 25.1 | 20.7 | 17.6 | 14.7 | 12.0 |
| -82.5° | 40.3 | 36.9 | 33.9 | 30.8 | 26.3 | 22.3 | 18.7 | 15.6 | 13.3 | 11.1 | 9.7 |
| -85° | 23.9 | 22.1 | 20.4 | 18.6 | 16.1 | 13.9 | 12.8 | 11.9 | 10.9 | 9.8 | 8.8 |
| -87.5° | 13.5 | 13.3 | 13.1 | 12.9 | 12.2 | 11.6 | 11.1 | 10.6 | 9.7 | 8.8 | 7.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 1.5 | 2.3 |



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| 90° | 6.2 | 5.4 | 4.7 | 3.9 | 3.1 | 3.1 | 3.1 |
| 87.5° | 2.3 | 2.6 | 2.8 | 3.0 | 3.1 | 3.1 | 3.1 |
| 85° | 1.5 | 2.1 | 2.6 | 2.9 | 3.1 | 3.1 | 3.1 |
| 82.5° | 0.7 | 1.6 | 2.3 | 2.8 | 3.1 | 3.1 | 3.1 |
| 80° | 0.2 | 1.1 | 2.1 | 2.7 | 3.1 | 3.1 | 3.1 |
| 77.5° | 1.0 | 1.0 | 1.8 | 2.6 | 3.1 | 3.1 | 3.1 |
| 75° | 1.7 | 1.5 | 1.7 | 2.6 | 3.1 | 3.1 | 3.1 |
| 72.5° | 2.5 | 2.0 | 2.0 | 2.5 | 3.1 | 3.1 | 3.1 |
| 70° | 3.1 | 2.5 | 2.2 | 2.5 | 3.1 | 3.1 | 3.1 |
| 67.5° | 3.2 | 2.9 | 2.5 | 2.6 | 3.1 | 3.1 | 3.1 |
| 65° | 3.3 | 3.2 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 |
| 62.5° | 3.5 | 3.5 | 2.9 | 2.8 | 3.1 | 3.1 | 3.1 |
| 60° | 3.7 | 3.7 | 3.1 | 2.9 | 3.1 | 3.1 | 3.1 |
| 57.5° | 4.4 | 4.0 | 3.4 | 2.9 | 3.1 | 3.1 | 3.1 |
| 55° | 5.2 | 4.3 | 3.7 | 3.0 | 3.2 | 3.1 | 3.1 |
| 52.5° | 6.0 | 4.7 | 4.0 | 3.0 | 3.2 | 3.1 | 3.1 |
| 50° | 6.7 | 5.4 | 4.4 | 3.1 | 3.3 | 3.1 | 3.1 |
| 47.5° | 7.5 | 6.0 | 4.7 | 3.2 | 3.4 | 3.1 | 3.1 |
| 45° | 8.2 | 6.6 | 5.1 | 3.5 | 3.5 | 3.1 | 3.1 |
| 42.5° | 8.9 | 7.2 | 5.5 | 3.7 | 3.6 | 3.1 | 3.1 |
| 40° | 9.6 | 7.8 | 5.9 | 4.1 | 3.7 | 3.1 | 3.1 |
| 37.5° | 10.3 | 8.3 | 6.4 | 4.5 | 3.8 | 3.1 | 3.1 |
| 35° | 10.9 | 8.9 | 6.8 | 4.9 | 3.9 | 3.1 | 3.1 |
| 32.5° | 11.6 | 9.4 | 7.2 | 5.3 | 4.1 | 3.1 | 3.1 |
| 30° | 12.6 | 9.9 | 7.6 | 5.7 | 4.2 | 3.1 | 3.1 |
| 27.5° | 13.5 | 10.4 | 8.1 | 6.1 | 4.4 | 3.1 | 3.1 |
| 25° | 14.4 | 10.8 | 8.6 | 6.4 | 4.6 | 3.1 | 3.1 |
| 22.5° | 15.3 | 11.3 | 9.1 | 6.8 | 4.7 | 3.1 | 3.1 |
| 20° | 16.2 | 11.9 | 9.5 | 7.1 | 4.9 | 3.1 | 3.1 |
| 17.5° | 17.1 | 12.4 | 9.9 | 7.5 | 5.1 | 3.1 | 3.1 |
| 15° | 17.9 | 12.9 | 10.4 | 7.8 | 5.2 | 3.1 | 3.1 |
| 12.5° | 18.7 | 13.4 | 10.7 | 8.1 | 5.4 | 3.1 | 3.1 |
| 10° | 19.5 | 13.9 | 11.1 | 8.3 | 5.6 | 3.1 | 3.1 |
| 7.5° | 20.1 | 14.3 | 11.5 | 8.6 | 5.7 | 3.1 | 3.1 |
| 5° | 20.7 | 14.8 | 11.8 | 8.9 | 5.9 | 3.1 | 3.1 |
| 2.5° | 21.2 | 15.1 | 12.1 | 9.1 | 6.1 | 3.1 | 3.1 |
| 0° | 21.7 | 15.5 | 12.4 | 9.3 | 6.2 | 3.1 | 3.1 |
| -2.5° | 22.9 | 15.8 | 12.7 | 9.3 | 6.2 | 3.1 | 3.1 |
| -5° | 24.0 | 16.1 | 12.9 | 9.3 | 6.2 | 3.1 | 3.1 |
| -7.5° | 25.0 | 16.4 | 13.1 | 9.2 | 6.1 | 3.1 | 3.1 |
| -10° | 25.8 | 16.6 | 13.2 | 9.2 | 6.1 | 3.1 | 3.1 |
| -12.5° | 26.4 | 16.8 | 13.3 | 9.1 | 6.1 | 3.1 | 3.1 |
| -15° | 26.8 | 17.0 | 13.4 | 9.0 | 6.0 | 3.1 | 3.1 |
| -17.5° | 26.9 | 17.1 | 13.4 | 8.9 | 5.9 | 3.1 | 3.1 |
| -20° | 27.6 | 17.2 | 13.3 | 8.7 | 5.8 | 3.1 | 3.1 |

Classified

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Scaled Data Report



REPORT NUMBER: P627310 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 29.3 | 17.3 | 13.1 | 8.6 | 5.7 | 3.1 | 3.1 |
| -25° | 30.8 | 18.4 | 12.9 | 8.4 | 5.6 | 3.1 | 3.1 |
| -27.5° | 31.9 | 19.9 | 12.6 | 8.2 | 5.5 | 3.1 | 3.1 |
| -30° | 32.7 | 21.1 | 12.3 | 8.0 | 5.4 | 3.1 | 3.1 |
| -32.5° | 33.1 | 22.2 | 12.7 | 7.8 | 5.2 | 3.1 | 3.1 |
| -35° | 34.0 | 23.0 | 13.0 | 7.6 | 5.1 | 3.1 | 3.1 |
| -37.5° | 34.9 | 23.5 | 13.2 | 7.4 | 4.9 | 3.1 | 3.1 |
| -40° | 35.4 | 23.7 | 13.3 | 7.1 | 4.7 | 3.1 | 3.1 |
| -42.5° | 35.6 | 23.7 | 13.4 | 7.0 | 4.6 | 3.1 | 3.1 |
| -45° | 35.5 | 23.5 | 13.5 | 7.0 | 4.4 | 3.1 | 3.1 |
| -47.5° | 34.9 | 23.1 | 13.4 | 7.0 | 4.2 | 3.1 | 3.1 |
| -50° | 34.2 | 22.6 | 13.2 | 6.9 | 4.0 | 3.1 | 3.1 |
| -52.5° | 33.3 | 21.9 | 12.8 | 6.7 | 3.8 | 3.1 | 3.1 |
| -55° | 32.1 | 21.0 | 12.2 | 6.6 | 3.6 | 3.1 | 3.1 |
| -57.5° | 30.7 | 19.9 | 11.5 | 6.3 | 3.3 | 3.1 | 3.1 |
| -60° | 29.0 | 18.5 | 10.7 | 6.0 | 3.1 | 3.1 | 3.1 |
| -62.5° | 26.6 | 16.9 | 10.1 | 5.7 | 3.1 | 3.1 | 3.1 |
| -65° | 24.0 | 15.2 | 9.5 | 5.3 | 3.1 | 3.1 | 3.1 |
| -67.5° | 21.1 | 13.6 | 8.7 | 4.9 | 3.1 | 3.1 | 3.1 |
| -70° | 18.0 | 12.4 | 7.9 | 4.5 | 3.1 | 3.1 | 3.1 |
| -72.5° | 15.9 | 11.0 | 7.1 | 4.4 | 3.1 | 3.1 | 3.1 |
| -75° | 13.8 | 9.6 | 6.2 | 4.3 | 3.1 | 3.1 | 3.1 |
| -77.5° | 11.7 | 8.1 | 5.9 | 4.3 | 3.1 | 3.1 | 3.1 |
| -80° | 9.4 | 7.3 | 5.6 | 4.2 | 3.1 | 3.1 | 3.1 |
| -82.5° | 8.5 | 6.9 | 5.4 | 4.2 | 3.1 | 3.1 | 3.1 |
| -85° | 7.8 | 6.4 | 5.2 | 4.1 | 3.1 | 3.1 | 3.1 |
| -87.5° | 7.0 | 5.9 | 4.9 | 4.0 | 3.1 | 3.1 | 3.1 |
| -90° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |

(END OF REPORT)