

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: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-722-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

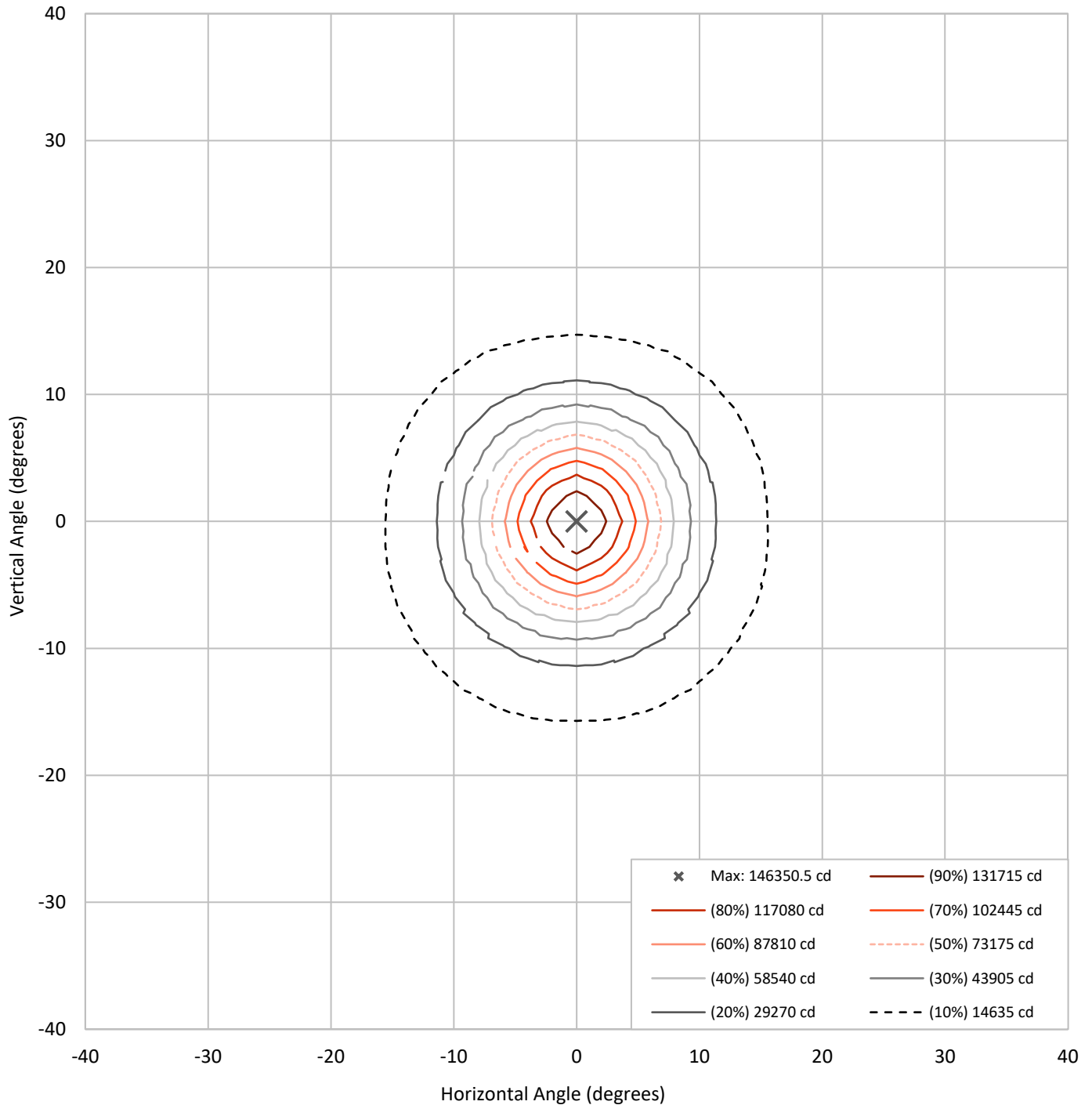
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 14437.8 lumens | Max Intensity: | 146350.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 111.5 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 13.6°H x 13.6°V | Field Angle (10%): | 30.9°H x 30.2°V |
| Beam Lumens: | 4609.2 lumens | Field Lumens: | 10266.2 lumens |
| Beam Efficiency: | 31.9% | Field Efficiency: | 71.1% |
| Input Watts (W): | 129.5 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

Iso-Candela Plot





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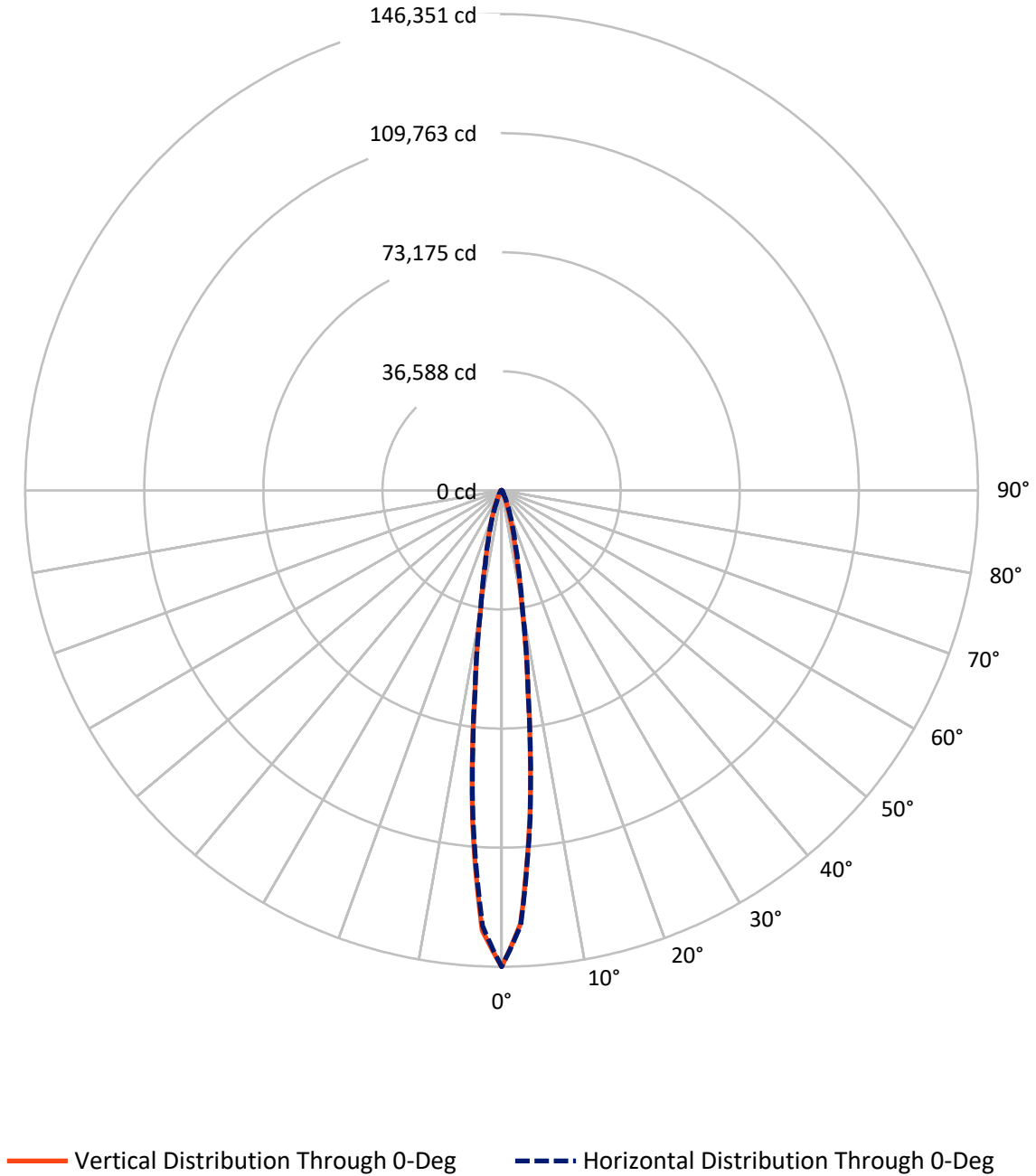
CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|-----|
| 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60 | | 0.0 | 0.1 | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 | 2.1 | 1.7 | 1.3 | 0.8 | 0.4 | 0.1 | | | |
| 50 | 0.1 | 0.1 | 0.4 | 1.3 | 2.3 | 3.5 | 4.9 | 5.7 | 5.7 | 4.9 | 3.5 | 2.3 | 1.3 | 0.4 | 0.1 | 0.1 | 0.1 |
| 40 | | 0.2 | 1.0 | 2.5 | 4.4 | 6.9 | 11.7 | 14.9 | 14.9 | 11.7 | 6.9 | 4.4 | 2.5 | 1.0 | | | |
| 30 | 0.1 | 0.4 | 1.6 | 3.7 | 6.8 | 14.7 | 39.2 | 64.9 | 64.9 | 39.2 | 14.7 | 6.8 | 3.7 | 1.6 | 0.1 | 0.1 | 0.1 |
| 20 | | 0.6 | 2.2 | 5.1 | 11.2 | 43.9 | 185.1 | 406.8 | 406.8 | 185.1 | 43.9 | 11.2 | 5.1 | 2.2 | | | |
| 10 | 0.2 | 0.8 | 2.7 | 6.0 | 15.2 | 82.4 | 443.5 | 1988.9 | 1988.9 | 443.5 | 82.4 | 15.2 | 6.0 | 2.7 | 0.2 | 0.2 | 0.2 |
| 0 | | 0.9 | 2.9 | 6.4 | 16.3 | 87.8 | 459.0 | 2022.7 | 2022.7 | 459.0 | 87.8 | 16.3 | 6.4 | 2.9 | | | |
| -10 | 0.3 | 0.9 | 3.0 | 6.3 | 14.3 | 55.9 | 222.8 | 476.6 | 476.6 | 222.8 | 55.9 | 14.3 | 6.3 | 3.0 | 0.3 | 0.3 | 0.3 |
| -20 | | 0.9 | 2.9 | 5.7 | 11.0 | 26.1 | 68.7 | 114.4 | 114.4 | 68.7 | 26.1 | 11.0 | 5.7 | 2.9 | | | |
| -30 | 0.3 | 0.8 | 2.5 | 5.1 | 8.6 | 14.3 | 23.3 | 29.7 | 29.7 | 23.3 | 14.3 | 8.6 | 5.1 | 2.5 | 0.3 | 0.3 | 0.3 |
| -40 | | 0.6 | 2.1 | 4.2 | 7.0 | 10.0 | 13.5 | 15.0 | 15.0 | 13.5 | 10.0 | 7.0 | 4.2 | 2.1 | | | |
| -50 | 0.2 | 0.5 | 1.6 | 3.3 | 5.5 | 7.7 | 9.7 | 10.6 | 10.6 | 9.7 | 7.7 | 5.5 | 3.3 | 1.6 | 0.2 | 0.2 | 0.2 |
| -60 | | 0.3 | 1.0 | 2.1 | 3.7 | 5.4 | 6.8 | 7.4 | 7.4 | 6.8 | 5.4 | 3.7 | 2.1 | 1.0 | | | |
| -70 | 0.1 | 0.5 | 1.6 | 3.3 | 5.5 | 7.7 | 9.7 | 10.6 | 10.6 | 9.7 | 7.7 | 5.5 | 3.3 | 1.6 | 0.1 | 0.1 | 0.1 |
| -80 | | 0.3 | 1.0 | 2.1 | 3.7 | 5.4 | 6.8 | 7.4 | 7.4 | 6.8 | 5.4 | 3.7 | 2.1 | 1.0 | | | |
| -90 | 0.1 | 0.9 | 3.6 | 8.0 | 10.1 | 8.0 | 3.6 | 0.9 | 0.1 | | | | | | | | |

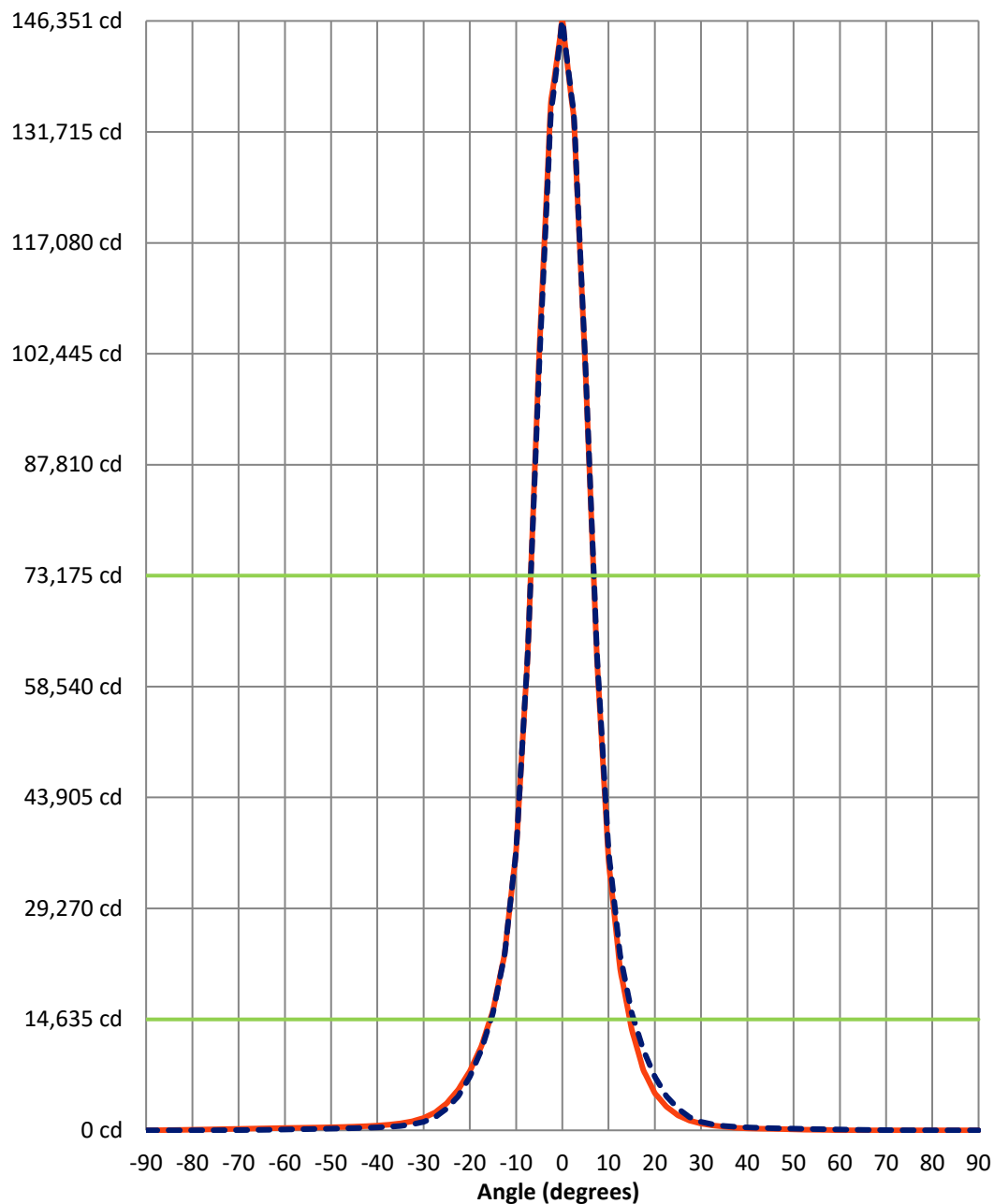
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CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4609.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 10266.2
 Efficiency: 71.1%

Spill:
 Lumens: 4171.6
 Efficiency: 28.9%

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

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.4 | 0.1 | 0.0 | 0.1 | 0.3 | 0.1 | 0.0 | 0.1 | 0.3 | 0.1 |
| 72.5° | 0.0 | 0.5 | 0.1 | 0.0 | 0.3 | 0.5 | 0.2 | 0.2 | 0.7 | 0.7 | 0.3 |
| 70° | 0.0 | 0.6 | 0.1 | 0.1 | 0.6 | 0.7 | 0.4 | 1.0 | 1.3 | 1.2 | 0.4 |
| 67.5° | 0.0 | 0.6 | 0.2 | 0.4 | 0.9 | 1.0 | 1.1 | 1.7 | 2.0 | 1.3 | 0.5 |
| 65° | 0.0 | 0.7 | 0.2 | 0.7 | 1.3 | 1.3 | 1.8 | 2.6 | 2.1 | 1.4 | 0.9 |
| 62.5° | 0.0 | 0.8 | 0.3 | 1.0 | 1.6 | 1.8 | 2.4 | 2.9 | 2.2 | 1.6 | 1.9 |
| 60° | 0.0 | 0.9 | 0.4 | 1.3 | 1.9 | 2.2 | 3.0 | 3.0 | 2.3 | 2.2 | 2.8 |
| 57.5° | 0.0 | 1.0 | 0.7 | 1.6 | 2.2 | 2.5 | 3.1 | 3.1 | 2.6 | 2.8 | 3.1 |
| 55° | 0.0 | 1.0 | 0.9 | 2.0 | 2.4 | 2.9 | 3.1 | 3.1 | 2.9 | 3.1 | 3.1 |
| 52.5° | 0.0 | 1.1 | 1.2 | 2.3 | 2.6 | 3.1 | 3.1 | 3.1 | 3.0 | 3.1 | 3.1 |
| 50° | 0.0 | 1.2 | 1.4 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.6 |
| 47.5° | 0.0 | 1.3 | 1.6 | 2.9 | 2.9 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 4.3 |
| 45° | 0.0 | 1.4 | 1.8 | 3.0 | 3.0 | 3.1 | 3.1 | 3.1 | 3.2 | 3.9 | 5.1 |
| 42.5° | 0.0 | 1.5 | 2.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.2 | 3.4 | 4.7 | 6.9 |
| 40° | 0.0 | 1.6 | 2.2 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.9 | 5.7 | 8.8 |
| 37.5° | 0.0 | 1.7 | 2.3 | 3.1 | 3.1 | 3.1 | 3.1 | 3.8 | 5.0 | 7.2 | 10.9 |
| 35° | 0.0 | 1.8 | 2.5 | 3.1 | 3.1 | 3.1 | 3.1 | 4.1 | 6.2 | 9.1 | 13.4 |
| 32.5° | 0.0 | 1.9 | 2.6 | 3.1 | 3.1 | 3.1 | 3.2 | 4.6 | 7.4 | 11.0 | 16.6 |
| 30° | 0.0 | 2.0 | 2.7 | 3.1 | 3.1 | 3.1 | 3.5 | 5.2 | 8.6 | 12.8 | 20.1 |
| 27.5° | 0.0 | 2.1 | 2.8 | 3.1 | 3.1 | 3.1 | 3.9 | 6.2 | 10.0 | 14.6 | 23.8 |
| 25° | 0.0 | 2.2 | 2.9 | 3.1 | 3.1 | 3.1 | 4.2 | 7.2 | 11.5 | 17.2 | 27.8 |
| 22.5° | 0.0 | 2.3 | 2.9 | 3.1 | 3.1 | 3.2 | 4.6 | 8.2 | 12.9 | 20.3 | 32.6 |
| 20° | 0.0 | 2.4 | 3.0 | 3.1 | 3.1 | 3.4 | 5.0 | 9.1 | 14.2 | 23.5 | 36.9 |
| 17.5° | 0.0 | 2.5 | 3.0 | 3.1 | 3.1 | 3.7 | 5.6 | 10.1 | 15.4 | 26.7 | 40.9 |
| 15° | 0.0 | 2.6 | 3.0 | 3.1 | 3.1 | 4.0 | 6.2 | 11.1 | 16.6 | 29.8 | 44.5 |
| 12.5° | 0.0 | 2.7 | 3.1 | 3.1 | 3.1 | 4.3 | 6.8 | 12.0 | 18.2 | 32.9 | 47.8 |
| 10° | 0.0 | 2.8 | 3.1 | 3.1 | 3.1 | 4.7 | 7.4 | 12.9 | 20.2 | 35.7 | 50.6 |
| 7.5° | 0.0 | 2.9 | 3.1 | 3.1 | 3.1 | 5.1 | 7.9 | 13.7 | 22.2 | 38.1 | 53.2 |
| 5° | 0.0 | 3.0 | 3.1 | 3.1 | 3.1 | 5.5 | 8.4 | 14.4 | 24.2 | 40.2 | 55.4 |
| 2.5° | 0.0 | 3.0 | 3.1 | 3.1 | 3.1 | 5.8 | 8.9 | 15.0 | 26.1 | 42.0 | 57.3 |
| 0° | 0.0 | 3.1 | 3.1 | 3.1 | 3.1 | 6.2 | 9.3 | 15.5 | 27.9 | 43.4 | 58.9 |
| -2.5° | 0.0 | 3.1 | 3.1 | 3.1 | 3.4 | 6.5 | 10.1 | 16.4 | 29.5 | 44.5 | 60.9 |
| -5° | 0.0 | 3.1 | 3.1 | 3.1 | 3.6 | 6.8 | 10.9 | 17.3 | 30.9 | 45.5 | 62.5 |
| -7.5° | 0.0 | 3.1 | 3.1 | 3.1 | 3.9 | 7.1 | 11.6 | 18.0 | 32.0 | 46.1 | 63.8 |
| -10° | 0.0 | 3.1 | 3.1 | 3.1 | 4.1 | 7.3 | 12.2 | 18.7 | 32.8 | 46.6 | 64.5 |
| -12.5° | 0.0 | 3.0 | 3.1 | 3.1 | 4.3 | 7.5 | 12.7 | 19.3 | 33.3 | 47.1 | 65.7 |
| -15° | 0.0 | 3.0 | 3.1 | 3.1 | 4.5 | 7.7 | 13.1 | 19.8 | 33.4 | 48.0 | 66.8 |
| -17.5° | 0.0 | 3.0 | 3.1 | 3.1 | 4.6 | 7.8 | 13.3 | 20.2 | 33.2 | 48.5 | 67.3 |
| -20° | 0.0 | 2.9 | 3.1 | 3.1 | 4.7 | 7.9 | 13.5 | 20.6 | 32.7 | 48.5 | 67.2 |

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Scaled Data Report



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0.0 | 2.9 | 3.1 | 3.1 | 4.8 | 8.0 | 13.7 | 20.9 | 31.9 | 47.9 | 66.4 |
| -25° | 0.0 | 2.8 | 3.1 | 3.1 | 4.7 | 8.2 | 13.8 | 21.0 | 31.0 | 46.8 | 65.0 |
| -27.5° | 0.0 | 2.7 | 3.1 | 3.1 | 4.7 | 8.4 | 13.8 | 20.9 | 29.7 | 45.3 | 63.6 |
| -30° | 0.0 | 2.7 | 3.1 | 3.1 | 4.6 | 8.6 | 13.7 | 20.7 | 29.1 | 43.6 | 61.5 |
| -32.5° | 0.0 | 2.6 | 3.1 | 3.1 | 4.5 | 8.6 | 13.5 | 20.5 | 28.7 | 41.6 | 58.6 |
| -35° | 0.0 | 2.5 | 3.1 | 3.1 | 4.5 | 8.6 | 13.5 | 20.2 | 28.1 | 39.4 | 54.9 |
| -37.5° | 0.0 | 2.5 | 3.1 | 3.1 | 4.4 | 8.5 | 13.4 | 19.8 | 27.3 | 37.0 | 52.7 |
| -40° | 0.0 | 2.4 | 3.1 | 3.1 | 4.2 | 8.4 | 13.3 | 19.3 | 26.3 | 35.4 | 50.8 |
| -42.5° | 0.0 | 2.3 | 3.1 | 3.1 | 4.2 | 8.1 | 13.0 | 18.8 | 25.5 | 34.7 | 48.4 |
| -45° | 0.0 | 2.2 | 3.1 | 3.2 | 4.3 | 7.8 | 12.6 | 18.2 | 24.7 | 33.6 | 45.8 |
| -47.5° | 0.0 | 2.1 | 3.1 | 3.3 | 4.4 | 7.4 | 12.1 | 17.6 | 23.9 | 32.1 | 44.0 |
| -50° | 0.0 | 2.0 | 3.1 | 3.3 | 4.4 | 6.9 | 11.5 | 16.8 | 23.0 | 30.9 | 41.7 |
| -52.5° | 0.0 | 1.9 | 3.1 | 3.3 | 4.4 | 6.3 | 10.7 | 15.9 | 21.8 | 29.2 | 39.0 |
| -55° | 0.0 | 1.8 | 3.1 | 3.4 | 4.4 | 6.1 | 9.9 | 14.9 | 20.5 | 27.0 | 36.2 |
| -57.5° | 0.0 | 1.7 | 3.1 | 3.4 | 4.3 | 6.0 | 9.0 | 13.7 | 19.0 | 25.1 | 32.8 |
| -60° | 0.0 | 1.5 | 3.1 | 3.3 | 4.2 | 5.8 | 8.0 | 12.4 | 17.4 | 23.1 | 29.4 |
| -62.5° | 0.0 | 1.4 | 2.9 | 3.3 | 4.1 | 5.6 | 7.6 | 10.9 | 15.6 | 20.9 | 26.7 |
| -65° | 0.0 | 1.3 | 2.6 | 3.2 | 4.0 | 5.3 | 7.2 | 9.6 | 13.7 | 18.5 | 23.9 |
| -67.5° | 0.0 | 1.2 | 2.4 | 3.2 | 3.8 | 4.9 | 6.6 | 8.8 | 11.6 | 15.9 | 20.8 |
| -70° | 0.0 | 1.1 | 2.1 | 3.1 | 3.6 | 4.6 | 6.0 | 8.0 | 10.4 | 13.3 | 17.6 |
| -72.5° | 0.0 | 0.9 | 1.9 | 2.8 | 3.4 | 4.2 | 5.4 | 7.0 | 9.1 | 11.5 | 14.4 |
| -75° | 0.0 | 0.8 | 1.6 | 2.4 | 3.1 | 3.7 | 4.7 | 6.1 | 7.7 | 9.7 | 12.1 |
| -77.5° | 0.0 | 0.7 | 1.3 | 2.0 | 2.7 | 3.3 | 4.0 | 5.3 | 6.7 | 8.1 | 9.7 |
| -80° | 0.0 | 0.5 | 1.1 | 1.6 | 2.1 | 2.7 | 3.2 | 4.4 | 5.7 | 7.0 | 8.2 |
| -82.5° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 3.4 | 4.7 | 5.8 | 7.0 |
| -85° | 0.0 | 0.3 | 0.5 | 0.8 | 1.1 | 1.3 | 1.6 | 2.3 | 3.2 | 4.1 | 5.2 |
| -87.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 1.2 | 1.6 | 2.1 | 2.6 |
| -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: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.2 | 0.9 | 1.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 65° | 1.5 | 2.0 | 1.5 | 0.8 | 0.1 | 0.7 | 1.0 | 0.8 | 0.1 | 0.0 | 0.0 |
| 62.5° | 2.9 | 2.4 | 1.7 | 1.3 | 1.8 | 2.3 | 1.8 | 1.1 | 0.3 | 1.5 | 2.2 |
| 60° | 3.1 | 2.6 | 2.2 | 2.5 | 3.1 | 2.8 | 2.0 | 3.0 | 4.5 | 5.7 | 6.9 |
| 57.5° | 3.1 | 2.9 | 2.8 | 3.3 | 3.5 | 3.5 | 5.4 | 7.3 | 10.3 | 12.8 | 14.5 |
| 55° | 3.2 | 3.1 | 3.5 | 4.2 | 5.2 | 7.4 | 10.1 | 14.3 | 17.6 | 22.7 | 27.1 |
| 52.5° | 3.5 | 3.5 | 4.7 | 6.3 | 9.4 | 12.8 | 17.6 | 23.5 | 30.1 | 35.1 | 40.3 |
| 50° | 4.0 | 5.2 | 6.6 | 10.6 | 14.8 | 20.2 | 28.1 | 36.6 | 42.2 | 47.8 | 55.3 |
| 47.5° | 5.5 | 7.0 | 10.9 | 15.6 | 21.6 | 30.1 | 41.0 | 47.2 | 52.7 | 61.4 | 70.8 |
| 45° | 7.4 | 10.6 | 15.3 | 21.7 | 30.1 | 42.0 | 50.6 | 55.6 | 65.1 | 75.3 | 86.0 |
| 42.5° | 9.5 | 14.6 | 21.1 | 27.9 | 40.9 | 52.3 | 60.0 | 68.0 | 77.6 | 89.5 | 101.1 |
| 40° | 12.9 | 18.5 | 27.4 | 38.0 | 51.3 | 62.3 | 72.0 | 81.2 | 90.7 | 106.2 | 118.6 |
| 37.5° | 16.3 | 24.5 | 34.5 | 47.7 | 61.5 | 73.6 | 84.4 | 96.0 | 109.5 | 127.1 | 138.2 |
| 35° | 19.7 | 30.7 | 43.0 | 57.0 | 71.6 | 85.3 | 98.4 | 111.8 | 129.4 | 146.0 | 159.3 |
| 32.5° | 24.4 | 37.1 | 50.9 | 66.0 | 81.1 | 96.6 | 112.5 | 128.6 | 145.9 | 162.9 | 180.3 |
| 30° | 30.3 | 43.9 | 58.4 | 74.6 | 89.8 | 107.8 | 126.2 | 143.2 | 160.6 | 178.5 | 198.2 |
| 27.5° | 36.2 | 50.3 | 65.9 | 82.3 | 98.2 | 118.8 | 138.6 | 156.4 | 174.2 | 193.5 | 215.9 |
| 25° | 41.7 | 56.7 | 73.0 | 89.2 | 107.9 | 129.9 | 151.6 | 172.2 | 187.3 | 209.2 | 235.4 |
| 22.5° | 46.9 | 62.9 | 80.5 | 95.4 | 117.2 | 141.1 | 166.4 | 188.5 | 206.4 | 225.9 | 255.7 |
| 20° | 52.1 | 69.3 | 87.4 | 104.2 | 126.5 | 152.3 | 182.2 | 205.0 | 227.2 | 252.4 | 282.8 |
| 17.5° | 57.1 | 75.3 | 94.4 | 114.2 | 137.8 | 164.5 | 198.5 | 221.6 | 248.2 | 278.4 | 316.7 |
| 15° | 61.8 | 80.9 | 101.3 | 123.6 | 148.0 | 176.7 | 209.4 | 238.4 | 270.1 | 305.0 | 350.3 |
| 12.5° | 66.1 | 85.9 | 108.1 | 132.3 | 157.0 | 187.2 | 218.6 | 249.5 | 286.0 | 331.6 | 388.5 |
| 10° | 70.1 | 90.5 | 114.7 | 140.2 | 164.8 | 196.1 | 226.8 | 258.9 | 297.4 | 347.5 | 412.7 |
| 7.5° | 73.5 | 95.2 | 121.0 | 147.4 | 171.5 | 203.4 | 233.8 | 266.6 | 307.0 | 360.7 | 428.9 |
| 5° | 76.3 | 100.0 | 126.9 | 152.1 | 177.1 | 209.6 | 239.7 | 272.8 | 314.6 | 370.9 | 440.6 |
| 2.5° | 78.6 | 104.5 | 132.0 | 155.5 | 181.9 | 215.4 | 244.4 | 279.6 | 322.3 | 378.9 | 451.4 |
| 0° | 80.5 | 108.4 | 136.3 | 158.0 | 185.9 | 219.9 | 247.8 | 285.0 | 328.4 | 384.1 | 461.6 |
| -2.5° | 84.3 | 111.6 | 138.9 | 160.9 | 190.2 | 220.6 | 250.1 | 285.8 | 330.7 | 388.1 | 463.5 |
| -5° | 87.4 | 114.2 | 140.8 | 163.2 | 193.4 | 220.6 | 251.0 | 285.1 | 331.5 | 390.4 | 466.8 |
| -7.5° | 89.9 | 116.2 | 142.0 | 164.9 | 195.1 | 221.6 | 252.4 | 287.3 | 333.9 | 392.6 | 471.2 |
| -10° | 91.4 | 117.7 | 143.1 | 167.1 | 195.5 | 222.7 | 252.9 | 287.8 | 333.5 | 391.2 | 468.8 |
| -12.5° | 92.3 | 118.5 | 143.5 | 168.3 | 195.4 | 222.6 | 252.2 | 286.5 | 330.1 | 386.3 | 459.2 |
| -15° | 92.5 | 118.8 | 143.5 | 168.5 | 194.9 | 221.2 | 250.2 | 283.2 | 323.9 | 378.0 | 444.2 |
| -17.5° | 92.3 | 118.7 | 142.9 | 167.4 | 194.2 | 218.7 | 247.1 | 278.8 | 317.7 | 368.2 | 432.0 |
| -20° | 91.5 | 118.0 | 141.8 | 165.2 | 193.2 | 216.3 | 244.1 | 274.7 | 311.2 | 357.1 | 414.0 |



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 90.2 | 116.9 | 140.3 | 163.0 | 189.7 | 214.1 | 240.0 | 269.2 | 302.0 | 343.5 | 394.0 |
| -25° | 88.7 | 114.7 | 138.3 | 161.2 | 185.8 | 210.8 | 235.0 | 262.7 | 292.8 | 332.7 | 378.2 |
| -27.5° | 86.7 | 112.1 | 135.6 | 158.8 | 181.7 | 206.3 | 229.9 | 256.1 | 285.9 | 321.0 | 361.8 |
| -30° | 83.8 | 108.3 | 131.8 | 155.5 | 178.1 | 201.2 | 224.0 | 248.9 | 277.0 | 310.2 | 347.8 |
| -32.5° | 80.2 | 104.1 | 127.1 | 150.5 | 174.0 | 196.1 | 217.5 | 241.5 | 267.8 | 296.9 | 332.7 |
| -35° | 76.5 | 99.5 | 122.0 | 144.3 | 169.1 | 190.3 | 211.0 | 233.0 | 257.5 | 284.5 | 313.7 |
| -37.5° | 73.1 | 94.6 | 116.6 | 137.6 | 161.1 | 183.2 | 203.4 | 224.2 | 246.9 | 271.7 | 298.2 |
| -40° | 69.4 | 89.5 | 110.9 | 131.3 | 151.9 | 174.5 | 194.6 | 214.8 | 235.7 | 260.6 | 284.1 |
| -42.5° | 65.6 | 85.1 | 104.9 | 124.9 | 144.6 | 164.8 | 184.9 | 204.2 | 226.3 | 249.8 | 272.9 |
| -45° | 62.4 | 80.5 | 98.8 | 118.3 | 137.7 | 156.0 | 174.8 | 192.9 | 215.3 | 238.8 | 261.4 |
| -47.5° | 58.6 | 75.8 | 93.6 | 111.2 | 130.2 | 148.5 | 165.4 | 183.7 | 202.8 | 225.0 | 248.7 |
| -50° | 54.7 | 71.0 | 87.4 | 104.0 | 122.0 | 140.3 | 157.5 | 174.4 | 192.4 | 210.6 | 231.0 |
| -52.5° | 51.4 | 65.6 | 80.8 | 96.1 | 113.1 | 131.0 | 148.3 | 165.3 | 181.9 | 199.0 | 216.4 |
| -55° | 47.5 | 60.5 | 74.0 | 88.2 | 103.1 | 120.2 | 137.5 | 154.0 | 170.9 | 186.9 | 204.0 |
| -57.5° | 43.2 | 54.9 | 67.1 | 80.5 | 94.0 | 108.0 | 124.7 | 141.2 | 157.1 | 173.3 | 190.9 |
| -60° | 38.2 | 48.7 | 59.8 | 72.1 | 85.3 | 98.2 | 111.7 | 126.9 | 142.3 | 157.6 | 173.9 |
| -62.5° | 33.1 | 42.2 | 52.2 | 63.0 | 75.1 | 87.7 | 100.1 | 113.0 | 126.9 | 140.2 | 154.3 |
| -65° | 29.7 | 36.1 | 44.6 | 54.2 | 64.1 | 75.4 | 87.0 | 99.0 | 111.2 | 122.5 | 133.4 |
| -67.5° | 26.1 | 31.9 | 38.1 | 45.2 | 54.2 | 63.7 | 73.1 | 83.8 | 94.6 | 105.1 | 115.2 |
| -70° | 22.3 | 27.4 | 32.9 | 38.8 | 45.2 | 53.0 | 61.8 | 70.3 | 78.7 | 87.4 | 96.8 |
| -72.5° | 18.2 | 22.7 | 27.5 | 32.6 | 38.1 | 44.2 | 51.0 | 58.3 | 65.7 | 72.9 | 80.3 |
| -75° | 15.0 | 17.9 | 21.8 | 26.2 | 30.9 | 35.7 | 40.6 | 46.4 | 52.7 | 59.0 | 65.2 |
| -77.5° | 12.3 | 15.0 | 17.7 | 20.4 | 23.8 | 28.2 | 32.5 | 36.8 | 41.2 | 46.0 | 51.1 |
| -80° | 10.0 | 12.1 | 14.6 | 17.0 | 19.3 | 22.0 | 25.0 | 28.4 | 31.5 | 34.7 | 38.2 |
| -82.5° | 8.4 | 10.0 | 11.7 | 13.6 | 15.0 | 16.4 | 18.0 | 20.0 | 22.0 | 24.2 | 26.4 |
| -85° | 6.4 | 7.7 | 8.9 | 10.2 | 10.8 | 11.5 | 12.3 | 13.1 | 14.4 | 15.8 | 17.0 |
| -87.5° | 3.2 | 3.9 | 4.6 | 5.3 | 5.7 | 6.0 | 6.3 | 6.6 | 7.4 | 8.3 | 9.2 |
| -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: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.8 | 0.7 | 0.3 | 0.0 | 0.0 |
| 62.5° | 1.8 | 1.5 | 2.4 | 3.2 | 3.5 | 3.4 | 3.2 | 2.8 | 2.4 | 2.2 | 2.5 |
| 60° | 7.4 | 7.3 | 10.2 | 11.6 | 10.5 | 7.4 | 11.7 | 13.8 | 13.2 | 11.4 | 11.3 |
| 57.5° | 18.2 | 22.1 | 24.9 | 26.2 | 30.3 | 36.9 | 38.2 | 36.0 | 35.2 | 35.9 | 41.5 |
| 55° | 31.5 | 34.7 | 36.3 | 42.0 | 46.9 | 50.6 | 52.7 | 54.8 | 58.0 | 61.8 | 65.8 |
| 52.5° | 44.6 | 48.9 | 52.2 | 57.3 | 63.2 | 65.3 | 64.8 | 72.4 | 78.4 | 82.2 | 83.7 |
| 50° | 61.2 | 66.6 | 74.3 | 82.2 | 85.6 | 88.9 | 92.5 | 98.7 | 107.9 | 119.3 | 125.9 |
| 47.5° | 79.1 | 87.6 | 95.7 | 104.7 | 109.3 | 112.8 | 118.1 | 129.0 | 142.1 | 154.4 | 160.8 |
| 45° | 95.2 | 102.8 | 112.1 | 119.9 | 125.5 | 132.3 | 140.0 | 149.9 | 164.5 | 177.3 | 186.2 |
| 42.5° | 108.2 | 116.8 | 126.3 | 135.7 | 141.4 | 150.7 | 162.2 | 175.7 | 191.0 | 204.3 | 214.2 |
| 40° | 126.4 | 133.6 | 148.8 | 157.7 | 160.0 | 168.6 | 191.8 | 210.2 | 227.4 | 243.9 | 252.1 |
| 37.5° | 148.4 | 162.5 | 178.2 | 186.3 | 194.3 | 209.5 | 240.5 | 270.3 | 292.3 | 314.6 | 326.7 |
| 35° | 173.3 | 191.9 | 213.3 | 222.9 | 240.0 | 273.2 | 309.6 | 351.0 | 402.5 | 424.1 | 443.7 |
| 32.5° | 197.6 | 218.3 | 238.1 | 259.6 | 289.6 | 329.2 | 370.2 | 437.3 | 500.0 | 548.5 | 583.9 |
| 30° | 219.0 | 241.0 | 265.6 | 293.3 | 335.5 | 390.1 | 458.6 | 545.5 | 633.8 | 710.9 | 776.1 |
| 27.5° | 240.3 | 265.4 | 294.6 | 335.8 | 395.2 | 469.4 | 578.8 | 702.7 | 850.1 | 958.7 | 1088.4 |
| 25° | 263.6 | 292.3 | 329.7 | 389.6 | 469.7 | 580.6 | 755.6 | 956.7 | 1198.4 | 1394.4 | 1599.5 |
| 22.5° | 291.2 | 333.5 | 380.9 | 447.7 | 587.6 | 770.4 | 1009.4 | 1353.1 | 1725.0 | 2068.8 | 2399.8 |
| 20° | 324.5 | 382.3 | 458.6 | 581.4 | 761.0 | 1031.2 | 1446.5 | 1995.1 | 2541.9 | 3124.3 | 3685.0 |
| 17.5° | 372.0 | 455.4 | 573.8 | 748.7 | 985.4 | 1519.9 | 2193.7 | 3042.1 | 4132.2 | 5120.0 | 5982.5 |
| 15° | 416.6 | 516.2 | 703.2 | 964.7 | 1377.6 | 2085.9 | 3109.3 | 4509.7 | 6208.5 | 7756.8 | 9392.0 |
| 12.5° | 463.4 | 581.0 | 795.8 | 1128.7 | 1702.4 | 2624.6 | 4062.8 | 5981.6 | 8108.8 | 10442.1 | 13100.0 |
| 10° | 500.5 | 643.3 | 900.5 | 1322.5 | 2029.7 | 3178.1 | 4891.2 | 7218.3 | 10045.1 | 13498.3 | 17747.0 |
| 7.5° | 525.5 | 693.2 | 986.9 | 1464.4 | 2331.0 | 3744.2 | 5806.5 | 8603.6 | 12137.4 | 16712.2 | 22657.3 |
| 5° | 545.1 | 731.3 | 1051.9 | 1593.8 | 2585.9 | 4176.3 | 6484.6 | 9816.6 | 13997.0 | 20126.4 | 30201.6 |
| 2.5° | 560.8 | 760.4 | 1092.1 | 1682.9 | 2745.9 | 4477.2 | 6939.5 | 10502.8 | 15103.9 | 22650.6 | 35721.8 |
| 0° | 573.1 | 786.8 | 1118.3 | 1737.8 | 2868.5 | 4507.2 | 7081.5 | 10628.4 | 15501.2 | 23106.2 | 36909.8 |
| -2.5° | 578.3 | 800.9 | 1127.3 | 1749.9 | 2856.3 | 4559.0 | 7124.8 | 10728.7 | 15486.3 | 22856.6 | 35583.0 |
| -5° | 587.0 | 800.7 | 1120.5 | 1737.6 | 2792.2 | 4425.4 | 6841.9 | 10167.4 | 14552.0 | 20890.8 | 31317.3 |
| -7.5° | 593.3 | 788.0 | 1088.1 | 1658.9 | 2624.6 | 4136.7 | 6344.7 | 9237.3 | 12851.6 | 17664.5 | 24121.9 |
| -10° | 587.5 | 763.5 | 1034.0 | 1526.8 | 2364.0 | 3673.5 | 5588.6 | 8009.4 | 11013.3 | 14580.0 | 18967.4 |
| -12.5° | 565.4 | 718.2 | 945.7 | 1341.8 | 2026.5 | 3154.7 | 4828.0 | 6889.1 | 9112.4 | 11617.4 | 14649.1 |
| -15° | 537.5 | 669.4 | 866.2 | 1214.9 | 1776.2 | 2640.4 | 3862.0 | 5534.1 | 7317.6 | 9219.5 | 11247.6 |
| -17.5° | 515.7 | 626.6 | 789.5 | 1041.9 | 1454.8 | 2142.0 | 3102.0 | 4289.8 | 5600.4 | 7048.5 | 8250.3 |
| -20° | 486.3 | 573.9 | 710.6 | 916.8 | 1231.8 | 1687.1 | 2386.2 | 3249.2 | 4114.0 | 5132.1 | 5962.4 |



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 456.7 | 533.1 | 637.2 | 788.0 | 1022.4 | 1366.3 | 1798.3 | 2374.5 | 3007.0 | 3591.3 | 4166.5 |
| -25° | 429.3 | 488.1 | 572.3 | 696.1 | 855.1 | 1089.8 | 1397.3 | 1727.8 | 2144.7 | 2500.4 | 2895.1 |
| -27.5° | 407.2 | 457.6 | 519.7 | 610.5 | 733.9 | 884.9 | 1105.0 | 1326.5 | 1545.8 | 1725.3 | 1997.1 |
| -30° | 385.7 | 426.4 | 478.3 | 543.0 | 635.5 | 751.9 | 894.8 | 1038.5 | 1165.0 | 1280.4 | 1421.9 |
| -32.5° | 364.7 | 397.8 | 437.6 | 491.3 | 557.7 | 645.2 | 733.0 | 836.0 | 923.9 | 1005.1 | 1080.2 |
| -35° | 343.7 | 373.1 | 403.4 | 448.7 | 501.6 | 563.8 | 627.6 | 697.4 | 758.2 | 812.9 | 861.3 |
| -37.5° | 324.6 | 350.4 | 379.0 | 412.7 | 455.4 | 502.1 | 554.3 | 604.9 | 645.1 | 680.6 | 709.9 |
| -40° | 308.6 | 332.1 | 356.5 | 383.5 | 416.0 | 452.9 | 497.1 | 539.4 | 567.5 | 589.2 | 607.0 |
| -42.5° | 294.2 | 314.9 | 335.7 | 358.6 | 383.5 | 415.5 | 450.5 | 485.3 | 504.4 | 521.2 | 534.1 |
| -45° | 282.7 | 298.6 | 316.1 | 335.6 | 357.7 | 384.4 | 412.0 | 436.1 | 453.1 | 467.5 | 478.2 |
| -47.5° | 267.5 | 282.8 | 298.0 | 314.1 | 334.7 | 356.9 | 379.7 | 398.2 | 413.0 | 425.6 | 433.8 |
| -50° | 250.7 | 266.8 | 280.7 | 294.9 | 313.8 | 332.7 | 351.0 | 366.3 | 380.5 | 392.8 | 399.3 |
| -52.5° | 233.3 | 250.6 | 265.2 | 279.1 | 295.0 | 311.5 | 328.0 | 341.1 | 353.4 | 365.0 | 369.9 |
| -55° | 220.9 | 236.8 | 251.8 | 264.9 | 278.0 | 291.2 | 304.7 | 318.3 | 330.5 | 341.5 | 344.8 |
| -57.5° | 207.4 | 223.6 | 238.4 | 250.2 | 262.0 | 273.9 | 286.2 | 298.5 | 310.4 | 320.9 | 323.6 |
| -60° | 190.9 | 208.4 | 221.7 | 232.7 | 244.2 | 256.0 | 266.7 | 277.7 | 288.7 | 297.9 | 300.9 |
| -62.5° | 170.0 | 186.0 | 199.0 | 210.7 | 221.7 | 232.0 | 242.4 | 252.7 | 262.6 | 269.8 | 272.2 |
| -65° | 144.9 | 158.5 | 172.0 | 184.2 | 195.1 | 205.0 | 214.6 | 223.9 | 232.9 | 239.3 | 242.5 |
| -67.5° | 125.1 | 134.9 | 145.7 | 156.2 | 167.2 | 177.4 | 186.0 | 194.2 | 201.9 | 207.3 | 210.7 |
| -70° | 106.0 | 115.3 | 125.5 | 135.4 | 145.0 | 153.3 | 160.2 | 167.0 | 173.5 | 178.4 | 182.0 |
| -72.5° | 87.7 | 95.6 | 104.1 | 112.9 | 121.6 | 129.1 | 135.5 | 141.5 | 147.2 | 151.3 | 154.6 |
| -75° | 71.2 | 77.7 | 84.9 | 92.0 | 99.1 | 105.0 | 110.3 | 115.5 | 120.6 | 124.2 | 127.3 |
| -77.5° | 56.6 | 62.1 | 67.6 | 73.2 | 78.8 | 83.1 | 87.0 | 90.8 | 94.5 | 97.4 | 100.0 |
| -80° | 41.9 | 46.2 | 50.7 | 55.2 | 59.6 | 62.9 | 65.8 | 68.6 | 71.2 | 72.9 | 74.4 |
| -82.5° | 28.7 | 31.7 | 34.8 | 37.9 | 41.1 | 43.5 | 45.8 | 48.1 | 50.4 | 51.2 | 51.8 |
| -85° | 18.3 | 19.8 | 21.4 | 23.1 | 24.9 | 26.3 | 27.6 | 28.8 | 29.9 | 31.0 | 32.0 |
| -87.5° | 10.1 | 10.5 | 10.7 | 11.0 | 11.2 | 12.2 | 13.1 | 14.0 | 15.0 | 15.1 | 15.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 |
| 62.5° | 2.8 | 3.0 | 3.1 | 3.1 | 3.1 | 3.0 | 2.8 | 2.5 | 2.2 | 2.4 | 2.8 |
| 60° | 10.6 | 9.4 | 9.2 | 9.3 | 9.2 | 9.4 | 10.6 | 11.3 | 11.4 | 13.2 | 13.8 |
| 57.5° | 47.1 | 52.4 | 53.9 | 52.7 | 53.9 | 52.4 | 47.1 | 41.5 | 35.9 | 35.2 | 36.0 |
| 55° | 68.6 | 70.2 | 70.9 | 71.2 | 70.9 | 70.2 | 68.6 | 65.8 | 61.8 | 58.0 | 54.8 |
| 52.5° | 84.1 | 83.5 | 83.4 | 83.6 | 83.4 | 83.5 | 84.1 | 83.7 | 82.2 | 78.4 | 72.4 |
| 50° | 126.4 | 124.1 | 123.2 | 123.9 | 123.2 | 124.1 | 126.4 | 125.9 | 119.3 | 107.9 | 98.7 |
| 47.5° | 161.6 | 162.3 | 163.4 | 164.2 | 163.4 | 162.3 | 161.6 | 160.8 | 154.4 | 142.1 | 129.0 |
| 45° | 188.7 | 190.4 | 191.5 | 192.1 | 191.5 | 190.4 | 188.7 | 186.2 | 177.3 | 164.5 | 149.9 |
| 42.5° | 216.4 | 216.5 | 216.2 | 216.8 | 216.2 | 216.5 | 216.4 | 214.2 | 204.3 | 191.0 | 175.7 |
| 40° | 255.4 | 256.2 | 255.4 | 254.0 | 255.4 | 256.2 | 255.4 | 252.1 | 243.9 | 227.4 | 210.2 |
| 37.5° | 333.8 | 335.0 | 331.3 | 328.4 | 331.3 | 335.0 | 333.8 | 326.7 | 314.6 | 292.3 | 270.3 |
| 35° | 461.6 | 474.9 | 481.2 | 483.3 | 481.2 | 474.9 | 461.6 | 443.7 | 424.1 | 402.5 | 351.0 |
| 32.5° | 608.4 | 626.9 | 636.1 | 644.3 | 636.1 | 626.9 | 608.4 | 583.9 | 548.5 | 500.0 | 437.3 |
| 30° | 818.8 | 852.8 | 867.8 | 889.1 | 867.8 | 852.8 | 818.8 | 776.1 | 710.9 | 633.8 | 545.5 |
| 27.5° | 1162.0 | 1221.8 | 1254.9 | 1285.6 | 1254.9 | 1221.8 | 1162.0 | 1088.4 | 958.7 | 850.1 | 702.7 |
| 25° | 1748.6 | 1863.6 | 1938.1 | 1973.3 | 1938.1 | 1863.6 | 1748.6 | 1599.5 | 1394.4 | 1198.4 | 956.7 |
| 22.5° | 2720.2 | 2932.3 | 3095.9 | 3128.7 | 3095.9 | 2932.3 | 2720.2 | 2399.8 | 2068.8 | 1725.0 | 1353.1 |
| 20° | 4229.0 | 4532.5 | 4779.4 | 4903.8 | 4779.4 | 4532.5 | 4229.0 | 3685.0 | 3124.3 | 2541.9 | 1995.1 |
| 17.5° | 7009.7 | 7641.0 | 7929.4 | 7976.7 | 7929.4 | 7641.0 | 7009.7 | 5982.5 | 5120.0 | 4132.2 | 3042.1 |
| 15° | 11146.6 | 12214.8 | 12893.0 | 13329.7 | 12893.0 | 12214.8 | 11146.6 | 9392.0 | 7756.8 | 6208.5 | 4509.7 |
| 12.5° | 15866.6 | 18902.1 | 20629.2 | 21287.8 | 20629.2 | 18902.1 | 15866.6 | 13100.0 | 10442.1 | 8108.8 | 5981.6 |
| 10° | 22272.8 | 29418.6 | 33540.7 | 35614.9 | 33540.7 | 29418.6 | 22272.8 | 17747.0 | 13498.3 | 10045.1 | 7218.3 |
| 7.5° | 33145.6 | 44182.5 | 56410.9 | 62068.3 | 56410.9 | 44182.5 | 33145.6 | 22657.3 | 16712.2 | 12137.4 | 8603.6 |
| 5° | 44575.6 | 68808.0 | 90077.0 | 100262.1 | 90077.0 | 68808.0 | 44575.6 | 30201.6 | 20126.4 | 13997.0 | 9816.6 |
| 2.5° | 57712.5 | 90392.3 | 120607.3 | 133312.1 | 120607.3 | 90392.3 | 57712.5 | 35721.8 | 22650.6 | 15103.9 | 10502.8 |
| 0° | 62768.4 | 100835.2 | 133880.5 | 146350.5 | 133880.5 | 100835.2 | 62768.4 | 36909.8 | 23106.2 | 15501.2 | 10628.4 |
| -2.5° | 58494.0 | 91975.4 | 121126.4 | 135375.2 | 121126.4 | 91975.4 | 58494.0 | 35583.0 | 22856.6 | 15486.3 | 10728.7 |
| -5° | 46476.5 | 69187.3 | 90776.4 | 102387.1 | 90776.4 | 69187.3 | 46476.5 | 31317.3 | 20890.8 | 14552.0 | 10167.4 |
| -7.5° | 34110.9 | 46474.3 | 58464.2 | 62656.8 | 58464.2 | 46474.3 | 34110.9 | 24121.9 | 17664.5 | 12851.6 | 9237.3 |
| -10° | 23748.7 | 30828.4 | 35501.8 | 36835.5 | 35501.8 | 30828.4 | 23748.7 | 18967.4 | 14580.0 | 11013.3 | 8009.4 |
| -12.5° | 17607.2 | 20703.9 | 22858.6 | 23233.2 | 22858.6 | 20703.9 | 17607.2 | 14649.1 | 11617.4 | 9112.4 | 6889.1 |
| -15° | 13037.7 | 14612.5 | 15723.8 | 15798.6 | 15723.8 | 14612.5 | 13037.7 | 11247.6 | 9219.5 | 7317.6 | 5534.1 |
| -17.5° | 9530.6 | 10587.7 | 11148.5 | 11108.6 | 11148.5 | 10587.7 | 9530.6 | 8250.3 | 7048.5 | 5600.4 | 4289.8 |
| -20° | 6815.0 | 7452.1 | 7904.0 | 7815.6 | 7904.0 | 7452.1 | 6815.0 | 5962.4 | 5132.1 | 4114.0 | 3249.2 |



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4751.9 | 5174.9 | 5439.6 | 5371.5 | 5439.6 | 5174.9 | 4751.9 | 4166.5 | 3591.3 | 3007.0 | 2374.5 |
| -25° | 3228.8 | 3459.3 | 3590.5 | 3568.6 | 3590.5 | 3459.3 | 3228.8 | 2895.1 | 2500.4 | 2144.7 | 1727.8 |
| -27.5° | 2200.3 | 2322.0 | 2362.7 | 2360.5 | 2362.7 | 2322.0 | 2200.3 | 1997.1 | 1725.3 | 1545.8 | 1326.5 |
| -30° | 1527.2 | 1609.0 | 1655.8 | 1626.3 | 1655.8 | 1609.0 | 1527.2 | 1421.9 | 1280.4 | 1165.0 | 1038.5 |
| -32.5° | 1138.2 | 1184.3 | 1211.0 | 1183.3 | 1211.0 | 1184.3 | 1138.2 | 1080.2 | 1005.1 | 923.9 | 836.0 |
| -35° | 897.0 | 920.3 | 929.7 | 913.8 | 929.7 | 920.3 | 897.0 | 861.3 | 812.9 | 758.2 | 697.4 |
| -37.5° | 731.3 | 745.0 | 749.7 | 740.4 | 749.7 | 745.0 | 731.3 | 709.9 | 680.6 | 645.1 | 604.9 |
| -40° | 619.7 | 628.0 | 630.1 | 622.6 | 630.1 | 628.0 | 619.7 | 607.0 | 589.2 | 567.5 | 539.4 |
| -42.5° | 542.2 | 547.2 | 548.4 | 545.2 | 548.4 | 547.2 | 542.2 | 534.1 | 521.2 | 504.4 | 485.3 |
| -45° | 484.6 | 488.8 | 489.6 | 486.3 | 489.6 | 488.8 | 484.6 | 478.2 | 467.5 | 453.1 | 436.1 |
| -47.5° | 437.9 | 440.6 | 441.3 | 439.9 | 441.3 | 440.6 | 437.9 | 433.8 | 425.6 | 413.0 | 398.2 |
| -50° | 402.2 | 404.0 | 404.2 | 402.7 | 404.2 | 404.0 | 402.2 | 399.3 | 392.8 | 380.5 | 366.3 |
| -52.5° | 372.2 | 373.5 | 374.4 | 374.8 | 374.4 | 373.5 | 372.2 | 369.9 | 365.0 | 353.4 | 341.1 |
| -55° | 347.0 | 348.7 | 349.7 | 350.0 | 349.7 | 348.7 | 347.0 | 344.8 | 341.5 | 330.5 | 318.3 |
| -57.5° | 325.7 | 327.2 | 328.1 | 328.4 | 328.1 | 327.2 | 325.7 | 323.6 | 320.9 | 310.4 | 298.5 |
| -60° | 303.3 | 305.2 | 306.3 | 306.7 | 306.3 | 305.2 | 303.3 | 300.9 | 297.9 | 288.7 | 277.7 |
| -62.5° | 273.8 | 274.6 | 275.4 | 275.7 | 275.4 | 274.6 | 273.8 | 272.2 | 269.8 | 262.6 | 252.7 |
| -65° | 244.9 | 246.5 | 247.5 | 247.8 | 247.5 | 246.5 | 244.9 | 242.5 | 239.3 | 232.9 | 223.9 |
| -67.5° | 213.5 | 215.7 | 218.0 | 219.9 | 218.0 | 215.7 | 213.5 | 210.7 | 207.3 | 201.9 | 194.2 |
| -70° | 185.2 | 187.9 | 188.8 | 189.0 | 188.8 | 187.9 | 185.2 | 182.0 | 178.4 | 173.5 | 167.0 |
| -72.5° | 157.6 | 160.2 | 162.4 | 164.2 | 162.4 | 160.2 | 157.6 | 154.6 | 151.3 | 147.2 | 141.5 |
| -75° | 130.0 | 132.4 | 133.0 | 133.2 | 133.0 | 132.4 | 130.0 | 127.3 | 124.2 | 120.6 | 115.5 |
| -77.5° | 102.5 | 104.7 | 105.2 | 105.3 | 105.2 | 104.7 | 102.5 | 100.0 | 97.4 | 94.5 | 90.8 |
| -80° | 75.8 | 77.0 | 78.8 | 80.5 | 78.8 | 77.0 | 75.8 | 74.4 | 72.9 | 71.2 | 68.6 |
| -82.5° | 52.2 | 52.5 | 52.6 | 52.7 | 52.6 | 52.5 | 52.2 | 51.8 | 51.2 | 50.4 | 48.1 |
| -85° | 33.0 | 34.0 | 34.1 | 34.1 | 34.1 | 34.0 | 33.0 | 32.0 | 31.0 | 29.9 | 28.8 |
| -87.5° | 15.4 | 15.4 | 15.5 | 15.5 | 15.5 | 15.4 | 15.4 | 15.3 | 15.1 | 15.0 | 14.0 |
| -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: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 65° | 0.8 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.8 |
| 62.5° | 3.2 | 3.4 | 3.5 | 3.2 | 2.4 | 1.5 | 1.8 | 2.2 | 1.5 | 0.3 | 1.1 |
| 60° | 11.7 | 7.4 | 10.5 | 11.6 | 10.2 | 7.3 | 7.4 | 6.9 | 5.7 | 4.5 | 3.0 |
| 57.5° | 38.2 | 36.9 | 30.3 | 26.2 | 24.9 | 22.1 | 18.2 | 14.5 | 12.8 | 10.3 | 7.3 |
| 55° | 52.7 | 50.6 | 46.9 | 42.0 | 36.3 | 34.7 | 31.5 | 27.1 | 22.7 | 17.6 | 14.3 |
| 52.5° | 64.8 | 65.3 | 63.2 | 57.3 | 52.2 | 48.9 | 44.6 | 40.3 | 35.1 | 30.1 | 23.5 |
| 50° | 92.5 | 88.9 | 85.6 | 82.2 | 74.3 | 66.6 | 61.2 | 55.3 | 47.8 | 42.2 | 36.6 |
| 47.5° | 118.1 | 112.8 | 109.3 | 104.7 | 95.7 | 87.6 | 79.1 | 70.8 | 61.4 | 52.7 | 47.2 |
| 45° | 140.0 | 132.3 | 125.5 | 119.9 | 112.1 | 102.8 | 95.2 | 86.0 | 75.3 | 65.1 | 55.6 |
| 42.5° | 162.2 | 150.7 | 141.4 | 135.7 | 126.3 | 116.8 | 108.2 | 101.1 | 89.5 | 77.6 | 68.0 |
| 40° | 191.8 | 168.6 | 160.0 | 157.7 | 148.8 | 133.6 | 126.4 | 118.6 | 106.2 | 90.7 | 81.2 |
| 37.5° | 240.5 | 209.5 | 194.3 | 186.3 | 178.2 | 162.5 | 148.4 | 138.2 | 127.1 | 109.5 | 96.0 |
| 35° | 309.6 | 273.2 | 240.0 | 222.9 | 213.3 | 191.9 | 173.3 | 159.3 | 146.0 | 129.4 | 111.8 |
| 32.5° | 370.2 | 329.2 | 289.6 | 259.6 | 238.1 | 218.3 | 197.6 | 180.3 | 162.9 | 145.9 | 128.6 |
| 30° | 458.6 | 390.1 | 335.5 | 293.3 | 265.6 | 241.0 | 219.0 | 198.2 | 178.5 | 160.6 | 143.2 |
| 27.5° | 578.8 | 469.4 | 395.2 | 335.8 | 294.6 | 265.4 | 240.3 | 215.9 | 193.5 | 174.2 | 156.4 |
| 25° | 755.6 | 580.6 | 469.7 | 389.6 | 329.7 | 292.3 | 263.6 | 235.4 | 209.2 | 187.3 | 172.2 |
| 22.5° | 1009.4 | 770.4 | 587.6 | 447.7 | 380.9 | 333.5 | 291.2 | 255.7 | 225.9 | 206.4 | 188.5 |
| 20° | 1446.5 | 1031.2 | 761.0 | 581.4 | 458.6 | 382.3 | 324.5 | 282.8 | 252.4 | 227.2 | 205.0 |
| 17.5° | 2193.7 | 1519.9 | 985.4 | 748.7 | 573.8 | 455.4 | 372.0 | 316.7 | 278.4 | 248.2 | 221.6 |
| 15° | 3109.3 | 2085.9 | 1377.6 | 964.7 | 703.2 | 516.2 | 416.6 | 350.3 | 305.0 | 270.1 | 238.4 |
| 12.5° | 4062.8 | 2624.6 | 1702.4 | 1128.7 | 795.8 | 581.0 | 463.4 | 388.5 | 331.6 | 286.0 | 249.5 |
| 10° | 4891.2 | 3178.1 | 2029.7 | 1322.5 | 900.5 | 643.3 | 500.5 | 412.7 | 347.5 | 297.4 | 258.9 |
| 7.5° | 5806.5 | 3744.2 | 2331.0 | 1464.4 | 986.9 | 693.2 | 525.5 | 428.9 | 360.7 | 307.0 | 266.6 |
| 5° | 6484.6 | 4176.3 | 2585.9 | 1593.8 | 1051.9 | 731.3 | 545.1 | 440.6 | 370.9 | 314.6 | 272.8 |
| 2.5° | 6939.5 | 4477.2 | 2745.9 | 1682.9 | 1092.1 | 760.4 | 560.8 | 451.4 | 378.9 | 322.3 | 279.6 |
| 0° | 7081.5 | 4507.2 | 2868.5 | 1737.8 | 1118.3 | 786.8 | 573.1 | 461.6 | 384.1 | 328.4 | 285.0 |
| -2.5° | 7124.8 | 4559.0 | 2856.3 | 1749.9 | 1127.3 | 800.9 | 578.3 | 463.5 | 388.1 | 330.7 | 285.8 |
| -5° | 6841.9 | 4425.4 | 2792.2 | 1737.6 | 1120.5 | 800.7 | 587.0 | 466.8 | 390.4 | 331.5 | 285.1 |
| -7.5° | 6344.7 | 4136.7 | 2624.6 | 1658.9 | 1088.1 | 788.0 | 593.3 | 471.2 | 392.6 | 333.9 | 287.3 |
| -10° | 5588.6 | 3673.5 | 2364.0 | 1526.8 | 1034.0 | 763.5 | 587.5 | 468.8 | 391.2 | 333.5 | 287.8 |
| -12.5° | 4828.0 | 3154.7 | 2026.5 | 1341.8 | 945.7 | 718.2 | 565.4 | 459.2 | 386.3 | 330.1 | 286.5 |
| -15° | 3862.0 | 2640.4 | 1776.2 | 1214.9 | 866.2 | 669.4 | 537.5 | 444.2 | 378.0 | 323.9 | 283.2 |
| -17.5° | 3102.0 | 2142.0 | 1454.8 | 1041.9 | 789.5 | 626.6 | 515.7 | 432.0 | 368.2 | 317.7 | 278.8 |
| -20° | 2386.2 | 1687.1 | 1231.8 | 916.8 | 710.6 | 573.9 | 486.3 | 414.0 | 357.1 | 311.2 | 274.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1798.3 | 1366.3 | 1022.4 | 788.0 | 637.2 | 533.1 | 456.7 | 394.0 | 343.5 | 302.0 | 269.2 |
| -25° | 1397.3 | 1089.8 | 855.1 | 696.1 | 572.3 | 488.1 | 429.3 | 378.2 | 332.7 | 292.8 | 262.7 |
| -27.5° | 1105.0 | 884.9 | 733.9 | 610.5 | 519.7 | 457.6 | 407.2 | 361.8 | 321.0 | 285.9 | 256.1 |
| -30° | 894.8 | 751.9 | 635.5 | 543.0 | 478.3 | 426.4 | 385.7 | 347.8 | 310.2 | 277.0 | 248.9 |
| -32.5° | 733.0 | 645.2 | 557.7 | 491.3 | 437.6 | 397.8 | 364.7 | 332.7 | 296.9 | 267.8 | 241.5 |
| -35° | 627.6 | 563.8 | 501.6 | 448.7 | 403.4 | 373.1 | 343.7 | 313.7 | 284.5 | 257.5 | 233.0 |
| -37.5° | 554.3 | 502.1 | 455.4 | 412.7 | 379.0 | 350.4 | 324.6 | 298.2 | 271.7 | 246.9 | 224.2 |
| -40° | 497.1 | 452.9 | 416.0 | 383.5 | 356.5 | 332.1 | 308.6 | 284.1 | 260.6 | 235.7 | 214.8 |
| -42.5° | 450.5 | 415.5 | 383.5 | 358.6 | 335.7 | 314.9 | 294.2 | 272.9 | 249.8 | 226.3 | 204.2 |
| -45° | 412.0 | 384.4 | 357.7 | 335.6 | 316.1 | 298.6 | 282.7 | 261.4 | 238.8 | 215.3 | 192.9 |
| -47.5° | 379.7 | 356.9 | 334.7 | 314.1 | 298.0 | 282.8 | 267.5 | 248.7 | 225.0 | 202.8 | 183.7 |
| -50° | 351.0 | 332.7 | 313.8 | 294.9 | 280.7 | 266.8 | 250.7 | 231.0 | 210.6 | 192.4 | 174.4 |
| -52.5° | 328.0 | 311.5 | 295.0 | 279.1 | 265.2 | 250.6 | 233.3 | 216.4 | 199.0 | 181.9 | 165.3 |
| -55° | 304.7 | 291.2 | 278.0 | 264.9 | 251.8 | 236.8 | 220.9 | 204.0 | 186.9 | 170.9 | 154.0 |
| -57.5° | 286.2 | 273.9 | 262.0 | 250.2 | 238.4 | 223.6 | 207.4 | 190.9 | 173.3 | 157.1 | 141.2 |
| -60° | 266.7 | 256.0 | 244.2 | 232.7 | 221.7 | 208.4 | 190.9 | 173.9 | 157.6 | 142.3 | 126.9 |
| -62.5° | 242.4 | 232.0 | 221.7 | 210.7 | 199.0 | 186.0 | 170.0 | 154.3 | 140.2 | 126.9 | 113.0 |
| -65° | 214.6 | 205.0 | 195.1 | 184.2 | 172.0 | 158.5 | 144.9 | 133.4 | 122.5 | 111.2 | 99.0 |
| -67.5° | 186.0 | 177.4 | 167.2 | 156.2 | 145.7 | 134.9 | 125.1 | 115.2 | 105.1 | 94.6 | 83.8 |
| -70° | 160.2 | 153.3 | 145.0 | 135.4 | 125.5 | 115.3 | 106.0 | 96.8 | 87.4 | 78.7 | 70.3 |
| -72.5° | 135.5 | 129.1 | 121.6 | 112.9 | 104.1 | 95.6 | 87.7 | 80.3 | 72.9 | 65.7 | 58.3 |
| -75° | 110.3 | 105.0 | 99.1 | 92.0 | 84.9 | 77.7 | 71.2 | 65.2 | 59.0 | 52.7 | 46.4 |
| -77.5° | 87.0 | 83.1 | 78.8 | 73.2 | 67.6 | 62.1 | 56.6 | 51.1 | 46.0 | 41.2 | 36.8 |
| -80° | 65.8 | 62.9 | 59.6 | 55.2 | 50.7 | 46.2 | 41.9 | 38.2 | 34.7 | 31.5 | 28.4 |
| -82.5° | 45.8 | 43.5 | 41.1 | 37.9 | 34.8 | 31.7 | 28.7 | 26.4 | 24.2 | 22.0 | 20.0 |
| -85° | 27.6 | 26.3 | 24.9 | 23.1 | 21.4 | 19.8 | 18.3 | 17.0 | 15.8 | 14.4 | 13.1 |
| -87.5° | 13.1 | 12.2 | 11.2 | 11.0 | 10.7 | 10.5 | 10.1 | 9.2 | 8.3 | 7.4 | 6.6 |
| -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: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.1 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 0.7 | 0.2 |
| 70° | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.4 | 1.2 | 1.3 | 1.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.7 | 1.0 | 0.9 | 0.2 | 0.5 | 1.3 | 2.0 | 1.7 |
| 65° | 1.0 | 0.7 | 0.1 | 0.8 | 1.5 | 2.0 | 1.5 | 0.9 | 1.4 | 2.1 | 2.6 |
| 62.5° | 1.8 | 2.3 | 1.8 | 1.3 | 1.7 | 2.4 | 2.9 | 1.9 | 1.6 | 2.2 | 2.9 |
| 60° | 2.0 | 2.8 | 3.1 | 2.5 | 2.2 | 2.6 | 3.1 | 2.8 | 2.2 | 2.3 | 3.0 |
| 57.5° | 5.4 | 3.5 | 3.5 | 3.3 | 2.8 | 2.9 | 3.1 | 3.1 | 2.8 | 2.6 | 3.1 |
| 55° | 10.1 | 7.4 | 5.2 | 4.2 | 3.5 | 3.1 | 3.2 | 3.1 | 3.1 | 2.9 | 3.1 |
| 52.5° | 17.6 | 12.8 | 9.4 | 6.3 | 4.7 | 3.5 | 3.5 | 3.1 | 3.1 | 3.0 | 3.1 |
| 50° | 28.1 | 20.2 | 14.8 | 10.6 | 6.6 | 5.2 | 4.0 | 3.6 | 3.1 | 3.1 | 3.1 |
| 47.5° | 41.0 | 30.1 | 21.6 | 15.6 | 10.9 | 7.0 | 5.5 | 4.3 | 3.1 | 3.1 | 3.1 |
| 45° | 50.6 | 42.0 | 30.1 | 21.7 | 15.3 | 10.6 | 7.4 | 5.1 | 3.9 | 3.2 | 3.1 |
| 42.5° | 60.0 | 52.3 | 40.9 | 27.9 | 21.1 | 14.6 | 9.5 | 6.9 | 4.7 | 3.4 | 3.2 |
| 40° | 72.0 | 62.3 | 51.3 | 38.0 | 27.4 | 18.5 | 12.9 | 8.8 | 5.7 | 3.9 | 3.5 |
| 37.5° | 84.4 | 73.6 | 61.5 | 47.7 | 34.5 | 24.5 | 16.3 | 10.9 | 7.2 | 5.0 | 3.8 |
| 35° | 98.4 | 85.3 | 71.6 | 57.0 | 43.0 | 30.7 | 19.7 | 13.4 | 9.1 | 6.2 | 4.1 |
| 32.5° | 112.5 | 96.6 | 81.1 | 66.0 | 50.9 | 37.1 | 24.4 | 16.6 | 11.0 | 7.4 | 4.6 |
| 30° | 126.2 | 107.8 | 89.8 | 74.6 | 58.4 | 43.9 | 30.3 | 20.1 | 12.8 | 8.6 | 5.2 |
| 27.5° | 138.6 | 118.8 | 98.2 | 82.3 | 65.9 | 50.3 | 36.2 | 23.8 | 14.6 | 10.0 | 6.2 |
| 25° | 151.6 | 129.9 | 107.9 | 89.2 | 73.0 | 56.7 | 41.7 | 27.8 | 17.2 | 11.5 | 7.2 |
| 22.5° | 166.4 | 141.1 | 117.2 | 95.4 | 80.5 | 62.9 | 46.9 | 32.6 | 20.3 | 12.9 | 8.2 |
| 20° | 182.2 | 152.3 | 126.5 | 104.2 | 87.4 | 69.3 | 52.1 | 36.9 | 23.5 | 14.2 | 9.1 |
| 17.5° | 198.5 | 164.5 | 137.8 | 114.2 | 94.4 | 75.3 | 57.1 | 40.9 | 26.7 | 15.4 | 10.1 |
| 15° | 209.4 | 176.7 | 148.0 | 123.6 | 101.3 | 80.9 | 61.8 | 44.5 | 29.8 | 16.6 | 11.1 |
| 12.5° | 218.6 | 187.2 | 157.0 | 132.3 | 108.1 | 85.9 | 66.1 | 47.8 | 32.9 | 18.2 | 12.0 |
| 10° | 226.8 | 196.1 | 164.8 | 140.2 | 114.7 | 90.5 | 70.1 | 50.6 | 35.7 | 20.2 | 12.9 |
| 7.5° | 233.8 | 203.4 | 171.5 | 147.4 | 121.0 | 95.2 | 73.5 | 53.2 | 38.1 | 22.2 | 13.7 |
| 5° | 239.7 | 209.6 | 177.1 | 152.1 | 126.9 | 100.0 | 76.3 | 55.4 | 40.2 | 24.2 | 14.4 |
| 2.5° | 244.4 | 215.4 | 181.9 | 155.5 | 132.0 | 104.5 | 78.6 | 57.3 | 42.0 | 26.1 | 15.0 |
| 0° | 247.8 | 219.9 | 185.9 | 158.0 | 136.3 | 108.4 | 80.5 | 58.9 | 43.4 | 27.9 | 15.5 |
| -2.5° | 250.1 | 220.6 | 190.2 | 160.9 | 138.9 | 111.6 | 84.3 | 60.9 | 44.5 | 29.5 | 16.4 |
| -5° | 251.0 | 220.6 | 193.4 | 163.2 | 140.8 | 114.2 | 87.4 | 62.5 | 45.5 | 30.9 | 17.3 |
| -7.5° | 252.4 | 221.6 | 195.1 | 164.9 | 142.0 | 116.2 | 89.9 | 63.8 | 46.1 | 32.0 | 18.0 |
| -10° | 252.9 | 222.7 | 195.5 | 167.1 | 143.1 | 117.7 | 91.4 | 64.5 | 46.6 | 32.8 | 18.7 |
| -12.5° | 252.2 | 222.6 | 195.4 | 168.3 | 143.5 | 118.5 | 92.3 | 65.7 | 47.1 | 33.3 | 19.3 |
| -15° | 250.2 | 221.2 | 194.9 | 168.5 | 143.5 | 118.8 | 92.5 | 66.8 | 48.0 | 33.4 | 19.8 |
| -17.5° | 247.1 | 218.7 | 194.2 | 167.4 | 142.9 | 118.7 | 92.3 | 67.3 | 48.5 | 33.2 | 20.2 |
| -20° | 244.1 | 216.3 | 193.2 | 165.2 | 141.8 | 118.0 | 91.5 | 67.2 | 48.5 | 32.7 | 20.6 |

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

Scaled Data Report



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| -22.5° | 240.0 | 214.1 | 189.7 | 163.0 | 140.3 | 116.9 | 90.2 | 66.4 | 47.9 | 31.9 | 20.9 |
| -25° | 235.0 | 210.8 | 185.8 | 161.2 | 138.3 | 114.7 | 88.7 | 65.0 | 46.8 | 31.0 | 21.0 |
| -27.5° | 229.9 | 206.3 | 181.7 | 158.8 | 135.6 | 112.1 | 86.7 | 63.6 | 45.3 | 29.7 | 20.9 |
| -30° | 224.0 | 201.2 | 178.1 | 155.5 | 131.8 | 108.3 | 83.8 | 61.5 | 43.6 | 29.1 | 20.7 |
| -32.5° | 217.5 | 196.1 | 174.0 | 150.5 | 127.1 | 104.1 | 80.2 | 58.6 | 41.6 | 28.7 | 20.5 |
| -35° | 211.0 | 190.3 | 169.1 | 144.3 | 122.0 | 99.5 | 76.5 | 54.9 | 39.4 | 28.1 | 20.2 |
| -37.5° | 203.4 | 183.2 | 161.1 | 137.6 | 116.6 | 94.6 | 73.1 | 52.7 | 37.0 | 27.3 | 19.8 |
| -40° | 194.6 | 174.5 | 151.9 | 131.3 | 110.9 | 89.5 | 69.4 | 50.8 | 35.4 | 26.3 | 19.3 |
| -42.5° | 184.9 | 164.8 | 144.6 | 124.9 | 104.9 | 85.1 | 65.6 | 48.4 | 34.7 | 25.5 | 18.8 |
| -45° | 174.8 | 156.0 | 137.7 | 118.3 | 98.8 | 80.5 | 62.4 | 45.8 | 33.6 | 24.7 | 18.2 |
| -47.5° | 165.4 | 148.5 | 130.2 | 111.2 | 93.6 | 75.8 | 58.6 | 44.0 | 32.1 | 23.9 | 17.6 |
| -50° | 157.5 | 140.3 | 122.0 | 104.0 | 87.4 | 71.0 | 54.7 | 41.7 | 30.9 | 23.0 | 16.8 |
| -52.5° | 148.3 | 131.0 | 113.1 | 96.1 | 80.8 | 65.6 | 51.4 | 39.0 | 29.2 | 21.8 | 15.9 |
| -55° | 137.5 | 120.2 | 103.1 | 88.2 | 74.0 | 60.5 | 47.5 | 36.2 | 27.0 | 20.5 | 14.9 |
| -57.5° | 124.7 | 108.0 | 94.0 | 80.5 | 67.1 | 54.9 | 43.2 | 32.8 | 25.1 | 19.0 | 13.7 |
| -60° | 111.7 | 98.2 | 85.3 | 72.1 | 59.8 | 48.7 | 38.2 | 29.4 | 23.1 | 17.4 | 12.4 |
| -62.5° | 100.1 | 87.7 | 75.1 | 63.0 | 52.2 | 42.2 | 33.1 | 26.7 | 20.9 | 15.6 | 10.9 |
| -65° | 87.0 | 75.4 | 64.1 | 54.2 | 44.6 | 36.1 | 29.7 | 23.9 | 18.5 | 13.7 | 9.6 |
| -67.5° | 73.1 | 63.7 | 54.2 | 45.2 | 38.1 | 31.9 | 26.1 | 20.8 | 15.9 | 11.6 | 8.8 |
| -70° | 61.8 | 53.0 | 45.2 | 38.8 | 32.9 | 27.4 | 22.3 | 17.6 | 13.3 | 10.4 | 8.0 |
| -72.5° | 51.0 | 44.2 | 38.1 | 32.6 | 27.5 | 22.7 | 18.2 | 14.4 | 11.5 | 9.1 | 7.0 |
| -75° | 40.6 | 35.7 | 30.9 | 26.2 | 21.8 | 17.9 | 15.0 | 12.1 | 9.7 | 7.7 | 6.1 |
| -77.5° | 32.5 | 28.2 | 23.8 | 20.4 | 17.7 | 15.0 | 12.3 | 9.7 | 8.1 | 6.7 | 5.3 |
| -80° | 25.0 | 22.0 | 19.3 | 17.0 | 14.6 | 12.1 | 10.0 | 8.2 | 7.0 | 5.7 | 4.4 |
| -82.5° | 18.0 | 16.4 | 15.0 | 13.6 | 11.7 | 10.0 | 8.4 | 7.0 | 5.8 | 4.7 | 3.4 |
| -85° | 12.3 | 11.5 | 10.8 | 10.2 | 8.9 | 7.7 | 6.4 | 5.2 | 4.1 | 3.2 | 2.3 |
| -87.5° | 6.3 | 6.0 | 5.7 | 5.3 | 4.6 | 3.9 | 3.2 | 2.6 | 2.1 | 1.6 | 1.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 |
| 77.5° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 |
| 75° | 0.1 | 0.3 | 0.1 | 0.0 | 0.1 | 0.4 | 0.0 |
| 72.5° | 0.2 | 0.5 | 0.3 | 0.0 | 0.1 | 0.5 | 0.0 |
| 70° | 0.4 | 0.7 | 0.6 | 0.1 | 0.1 | 0.6 | 0.0 |
| 67.5° | 1.1 | 1.0 | 0.9 | 0.4 | 0.2 | 0.6 | 0.0 |
| 65° | 1.8 | 1.3 | 1.3 | 0.7 | 0.2 | 0.7 | 0.0 |
| 62.5° | 2.4 | 1.8 | 1.6 | 1.0 | 0.3 | 0.8 | 0.0 |
| 60° | 3.0 | 2.2 | 1.9 | 1.3 | 0.4 | 0.9 | 0.0 |
| 57.5° | 3.1 | 2.5 | 2.2 | 1.6 | 0.7 | 1.0 | 0.0 |
| 55° | 3.1 | 2.9 | 2.4 | 2.0 | 0.9 | 1.0 | 0.0 |
| 52.5° | 3.1 | 3.1 | 2.6 | 2.3 | 1.2 | 1.1 | 0.0 |
| 50° | 3.1 | 3.1 | 2.7 | 2.7 | 1.4 | 1.2 | 0.0 |
| 47.5° | 3.1 | 3.1 | 2.9 | 2.9 | 1.6 | 1.3 | 0.0 |
| 45° | 3.1 | 3.1 | 3.0 | 3.0 | 1.8 | 1.4 | 0.0 |
| 42.5° | 3.1 | 3.1 | 3.1 | 3.1 | 2.0 | 1.5 | 0.0 |
| 40° | 3.1 | 3.1 | 3.1 | 3.1 | 2.2 | 1.6 | 0.0 |
| 37.5° | 3.1 | 3.1 | 3.1 | 3.1 | 2.3 | 1.7 | 0.0 |
| 35° | 3.1 | 3.1 | 3.1 | 3.1 | 2.5 | 1.8 | 0.0 |
| 32.5° | 3.2 | 3.1 | 3.1 | 3.1 | 2.6 | 1.9 | 0.0 |
| 30° | 3.5 | 3.1 | 3.1 | 3.1 | 2.7 | 2.0 | 0.0 |
| 27.5° | 3.9 | 3.1 | 3.1 | 3.1 | 2.8 | 2.1 | 0.0 |
| 25° | 4.2 | 3.1 | 3.1 | 3.1 | 2.9 | 2.2 | 0.0 |
| 22.5° | 4.6 | 3.2 | 3.1 | 3.1 | 2.9 | 2.3 | 0.0 |
| 20° | 5.0 | 3.4 | 3.1 | 3.1 | 3.0 | 2.4 | 0.0 |
| 17.5° | 5.6 | 3.7 | 3.1 | 3.1 | 3.0 | 2.5 | 0.0 |
| 15° | 6.2 | 4.0 | 3.1 | 3.1 | 3.0 | 2.6 | 0.0 |
| 12.5° | 6.8 | 4.3 | 3.1 | 3.1 | 3.1 | 2.7 | 0.0 |
| 10° | 7.4 | 4.7 | 3.1 | 3.1 | 3.1 | 2.8 | 0.0 |
| 7.5° | 7.9 | 5.1 | 3.1 | 3.1 | 3.1 | 2.9 | 0.0 |
| 5° | 8.4 | 5.5 | 3.1 | 3.1 | 3.1 | 3.0 | 0.0 |
| 2.5° | 8.9 | 5.8 | 3.1 | 3.1 | 3.1 | 3.0 | 0.0 |
| 0° | 9.3 | 6.2 | 3.1 | 3.1 | 3.1 | 3.1 | 0.0 |
| -2.5° | 10.1 | 6.5 | 3.4 | 3.1 | 3.1 | 3.1 | 0.0 |
| -5° | 10.9 | 6.8 | 3.6 | 3.1 | 3.1 | 3.1 | 0.0 |
| -7.5° | 11.6 | 7.1 | 3.9 | 3.1 | 3.1 | 3.1 | 0.0 |
| -10° | 12.2 | 7.3 | 4.1 | 3.1 | 3.1 | 3.1 | 0.0 |
| -12.5° | 12.7 | 7.5 | 4.3 | 3.1 | 3.1 | 3.0 | 0.0 |
| -15° | 13.1 | 7.7 | 4.5 | 3.1 | 3.1 | 3.0 | 0.0 |
| -17.5° | 13.3 | 7.8 | 4.6 | 3.1 | 3.1 | 3.0 | 0.0 |
| -20° | 13.5 | 7.9 | 4.7 | 3.1 | 3.1 | 2.9 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627308 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 13.7 | 8.0 | 4.8 | 3.1 | 3.1 | 2.9 | 0.0 |
| -25° | 13.8 | 8.2 | 4.7 | 3.1 | 3.1 | 2.8 | 0.0 |
| -27.5° | 13.8 | 8.4 | 4.7 | 3.1 | 3.1 | 2.7 | 0.0 |
| -30° | 13.7 | 8.6 | 4.6 | 3.1 | 3.1 | 2.7 | 0.0 |
| -32.5° | 13.5 | 8.6 | 4.5 | 3.1 | 3.1 | 2.6 | 0.0 |
| -35° | 13.5 | 8.6 | 4.5 | 3.1 | 3.1 | 2.5 | 0.0 |
| -37.5° | 13.4 | 8.5 | 4.4 | 3.1 | 3.1 | 2.5 | 0.0 |
| -40° | 13.3 | 8.4 | 4.2 | 3.1 | 3.1 | 2.4 | 0.0 |
| -42.5° | 13.0 | 8.1 | 4.2 | 3.1 | 3.1 | 2.3 | 0.0 |
| -45° | 12.6 | 7.8 | 4.3 | 3.2 | 3.1 | 2.2 | 0.0 |
| -47.5° | 12.1 | 7.4 | 4.4 | 3.3 | 3.1 | 2.1 | 0.0 |
| -50° | 11.5 | 6.9 | 4.4 | 3.3 | 3.1 | 2.0 | 0.0 |
| -52.5° | 10.7 | 6.3 | 4.4 | 3.3 | 3.1 | 1.9 | 0.0 |
| -55° | 9.9 | 6.1 | 4.4 | 3.4 | 3.1 | 1.8 | 0.0 |
| -57.5° | 9.0 | 6.0 | 4.3 | 3.4 | 3.1 | 1.7 | 0.0 |
| -60° | 8.0 | 5.8 | 4.2 | 3.3 | 3.1 | 1.5 | 0.0 |
| -62.5° | 7.6 | 5.6 | 4.1 | 3.3 | 2.9 | 1.4 | 0.0 |
| -65° | 7.2 | 5.3 | 4.0 | 3.2 | 2.6 | 1.3 | 0.0 |
| -67.5° | 6.6 | 4.9 | 3.8 | 3.2 | 2.4 | 1.2 | 0.0 |
| -70° | 6.0 | 4.6 | 3.6 | 3.1 | 2.1 | 1.1 | 0.0 |
| -72.5° | 5.4 | 4.2 | 3.4 | 2.8 | 1.9 | 0.9 | 0.0 |
| -75° | 4.7 | 3.7 | 3.1 | 2.4 | 1.6 | 0.8 | 0.0 |
| -77.5° | 4.0 | 3.3 | 2.7 | 2.0 | 1.3 | 0.7 | 0.0 |
| -80° | 3.2 | 2.7 | 2.1 | 1.6 | 1.1 | 0.5 | 0.0 |
| -82.5° | 2.4 | 2.0 | 1.6 | 1.2 | 0.8 | 0.4 | 0.0 |
| -85° | 1.6 | 1.3 | 1.1 | 0.8 | 0.5 | 0.3 | 0.0 |
| -87.5° | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)