

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: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
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-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

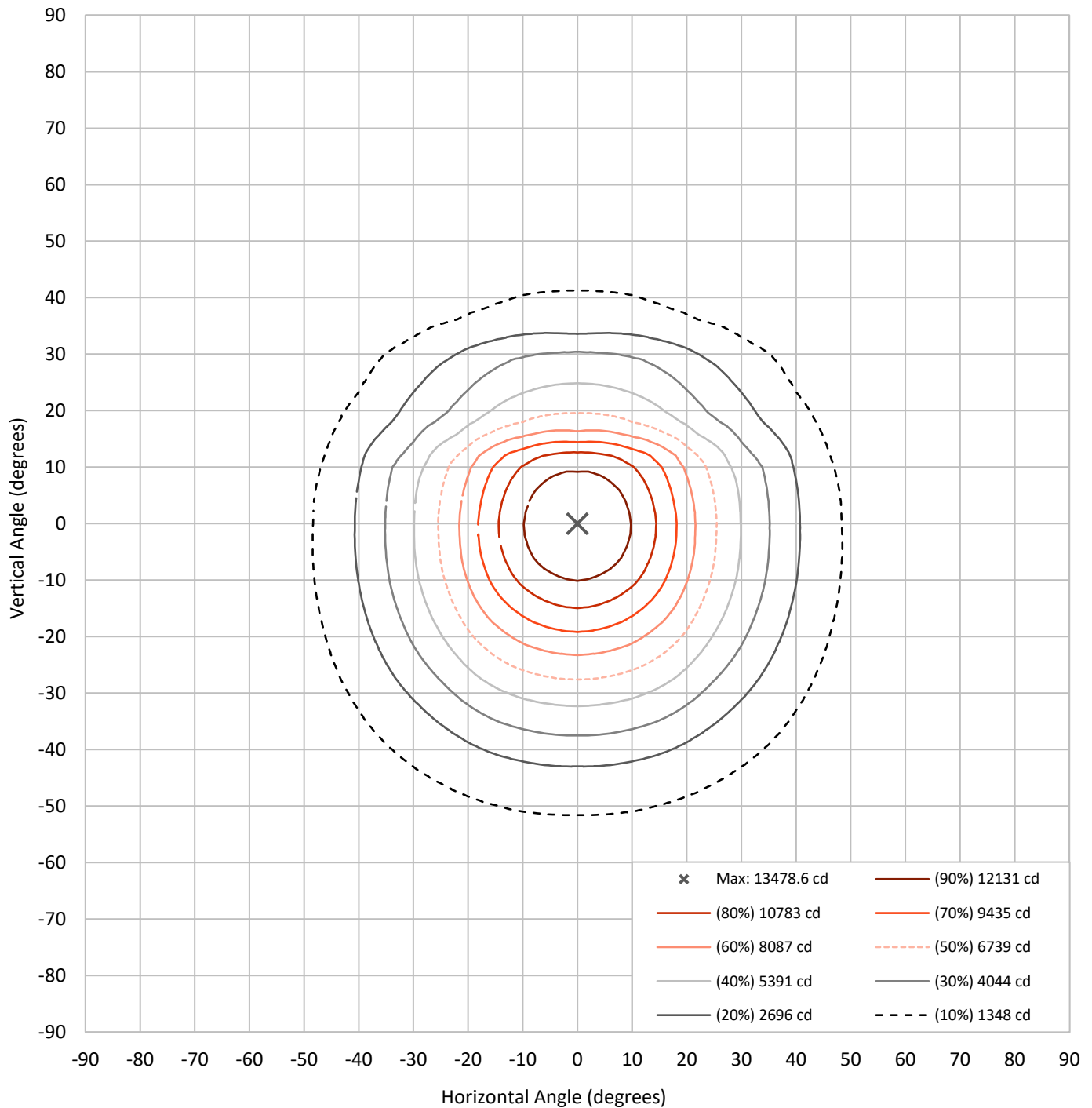
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 11891.1 lumens | Max Intensity: | 13478.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 91.8 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 50.9°H x 47.1°V | Field Angle (10%): | 96.7°H x 92.9°V |
| Beam Lumens: | 5725 lumens | Field Lumens: | 10646.6 lumens |
| Beam Efficiency: | 48.1% | Field Efficiency: | 89.5% |
| 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: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-WR-VSR-XX

Iso-Candela Plot





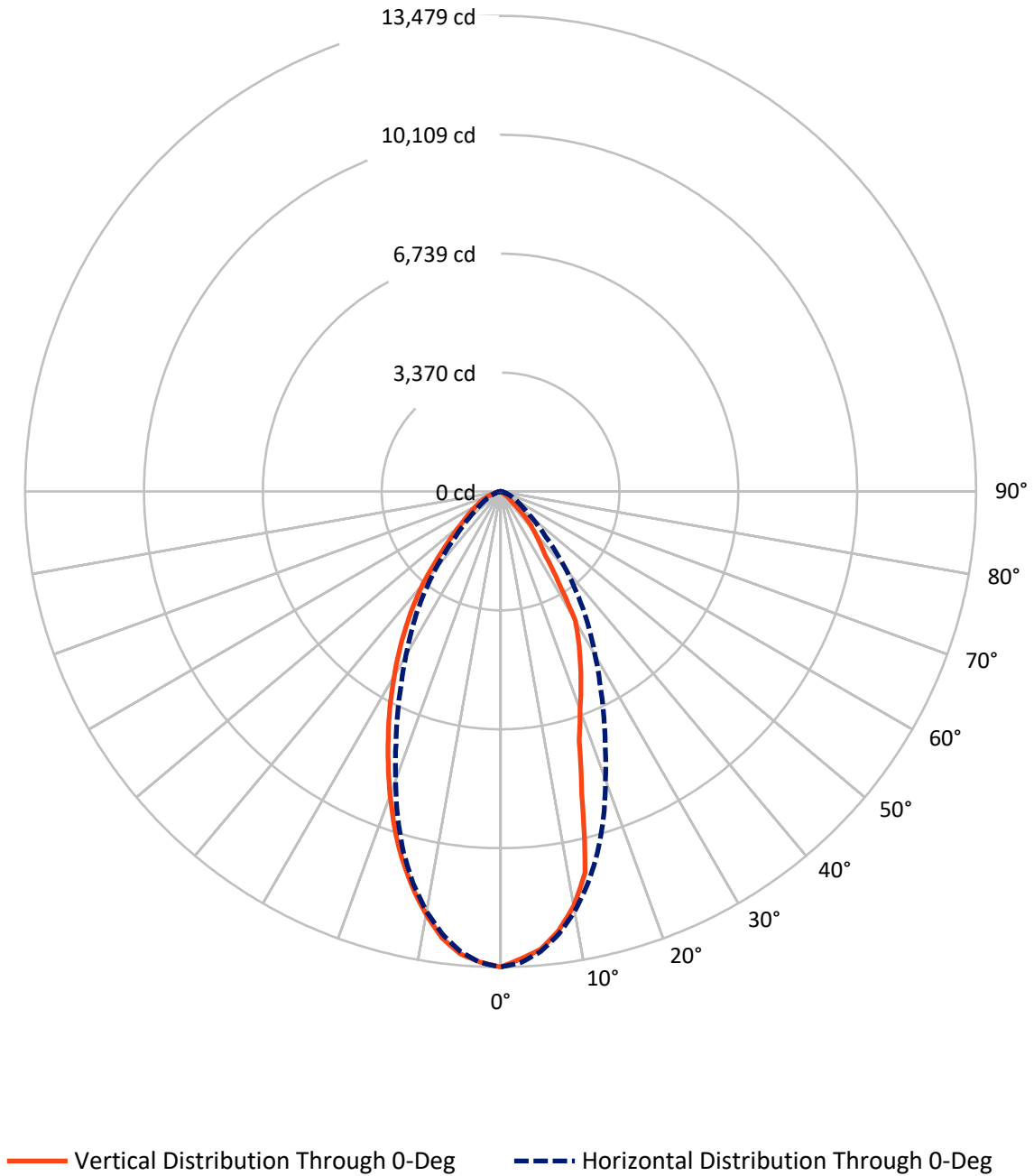
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.0 | 0.1 | | 0.1 | | 0.0 | | 0.0 | | 0.0 | | 0.1 | | 0.1 | | 0.0 | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.1 | 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 | 0.1 | | | |
| 50 | | 0.3 | 0.6 | 1.1 | 1.9 | 2.7 | 3.7 | 4.2 | 4.2 | 3.7 | 2.7 | 1.9 | 1.1 | 0.6 | 0.3 | | | | |
| 40 | 0.5 | 0.9 | 2.3 | 4.8 | 8.9 | 14.5 | 21.0 | 25.7 | 25.7 | 21.0 | 14.5 | 8.9 | 4.8 | 2.3 | 0.9 | 0.5 | | | |
| 30 | | 1.8 | 4.6 | 10.8 | 22.2 | 40.8 | 62.4 | 75.0 | 75.0 | 62.4 | 40.8 | 22.2 | 10.8 | 4.6 | 1.8 | | | | |
| 20 | 1.3 | 2.8 | 7.5 | 19.5 | 46.2 | 86.7 | 132.0 | 159.1 | 159.1 | 132.0 | 86.7 | 46.2 | 19.5 | 7.5 | 2.8 | 1.3 | | | |
| 10 | | 3.9 | 10.7 | 30.6 | 76.0 | 140.5 | 219.6 | 271.5 | 271.5 | 219.6 | 140.5 | 76.0 | 30.6 | 10.7 | 3.9 | | | | |
| 0 | 1.8 | 4.5 | 13.5 | 39.6 | 99.8 | 186.0 | 298.6 | 378.6 | 378.6 | 298.6 | 186.0 | 99.8 | 39.6 | 13.5 | 4.5 | 1.8 | | | |
| -10 | | 4.7 | 14.0 | 40.9 | 101.2 | 188.7 | 301.6 | 381.0 | 381.0 | 301.6 | 188.7 | 101.2 | 40.9 | 14.0 | 4.7 | | | | |
| -20 | 2.0 | 4.6 | 13.3 | 36.4 | 89.7 | 165.7 | 255.4 | 315.1 | 315.1 | 255.4 | 165.7 | 89.7 | 36.4 | 13.3 | 4.6 | 2.0 | | | |
| -30 | | 4.2 | 11.5 | 28.5 | 66.9 | 124.9 | 186.1 | 223.2 | 223.2 | 186.1 | 124.9 | 66.9 | 28.5 | 11.5 | 4.2 | | | | |
| -40 | 1.7 | 3.7 | 9.3 | 20.6 | 42.1 | 77.5 | 116.9 | 139.2 | 139.2 | 116.9 | 77.5 | 42.1 | 20.6 | 9.3 | 3.7 | 1.7 | | | |
| -50 | | 3.1 | 7.2 | 14.2 | 25.3 | 40.6 | 58.2 | 69.3 | 69.3 | 58.2 | 40.6 | 25.3 | 14.2 | 7.2 | 3.1 | | | | |
| -60 | 1.1 | 2.4 | 5.2 | 9.5 | 15.5 | 22.2 | 28.8 | 32.5 | 32.5 | 28.8 | 22.2 | 15.5 | 9.5 | 5.2 | 2.4 | 1.1 | | | |
| -70 | | 1.7 | 3.5 | 5.8 | 9.0 | 12.2 | 15.0 | 16.3 | 16.3 | 15.0 | 12.2 | 9.0 | 5.8 | 3.5 | 1.7 | | | | |
| -80 | 0.3 | 3.4 | | 8.7 | | 15.6 | | 14.2 | | 15.6 | | 8.7 | | 3.4 | | 0.3 | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

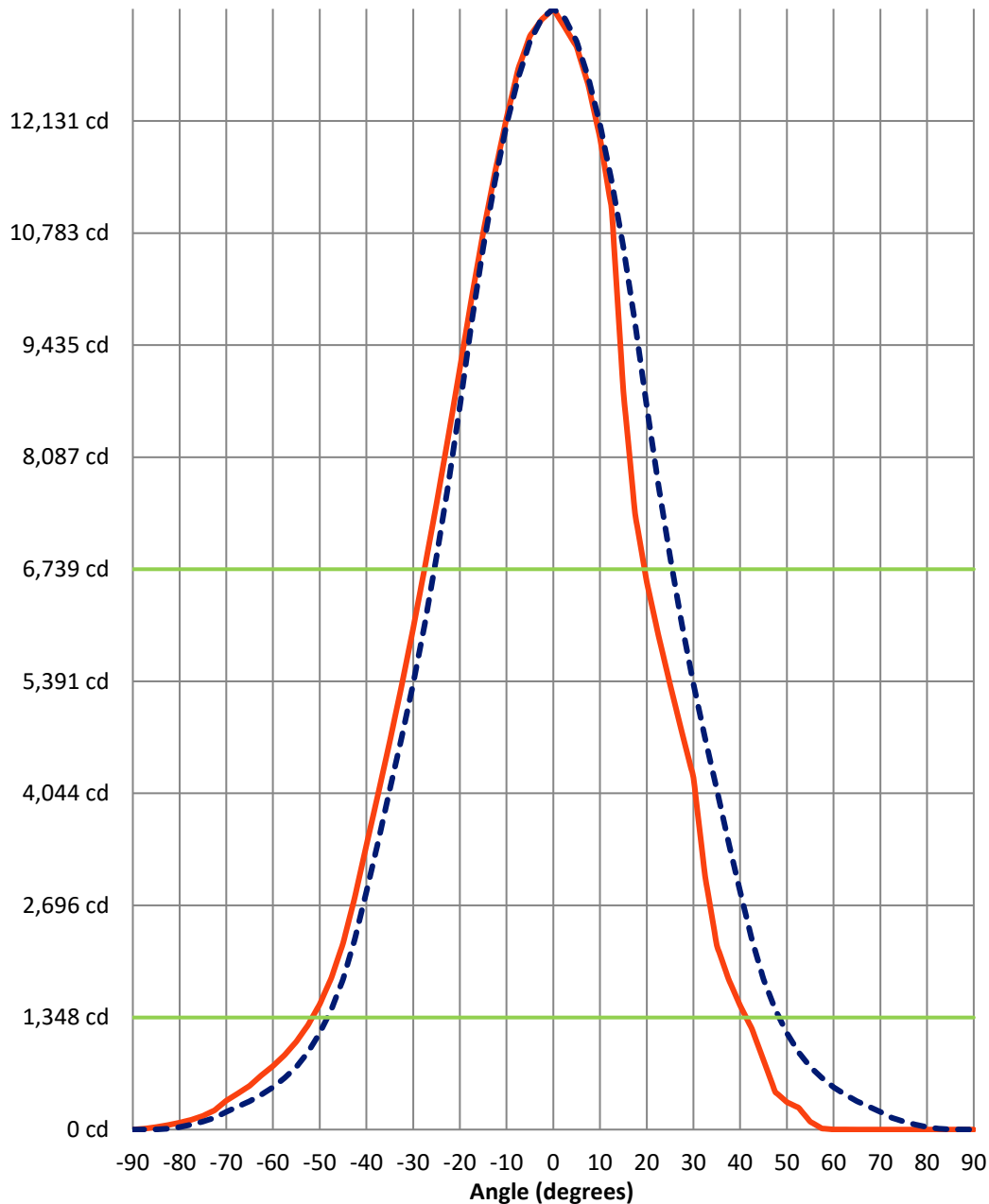
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CATALOG NUMBER: GFLD-SA4B-722-U-WR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5725
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 10646.6
 Efficiency: 89.5%

Spill:
 Lumens: 1244.5
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| 85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.8 |
| 82.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 0.9 | 1.0 | 1.0 | 1.0 |
| 80° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 77.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 70° | 0.0 | 0.3 | 0.7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 |
| 67.5° | 0.0 | 0.4 | 0.8 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 1.3 | 1.2 |
| 65° | 0.0 | 0.4 | 0.8 | 1.0 | 1.0 | 1.1 | 1.2 | 1.0 | 1.4 | 1.6 | 1.9 |
| 62.5° | 0.0 | 0.5 | 0.9 | 1.0 | 1.0 | 1.3 | 1.4 | 1.3 | 1.9 | 2.6 | 4.0 |
| 60° | 0.0 | 0.5 | 1.0 | 1.0 | 1.0 | 1.6 | 1.5 | 1.8 | 2.3 | 6.4 | 6.9 |
| 57.5° | 0.0 | 0.5 | 1.0 | 1.0 | 1.3 | 1.9 | 2.6 | 2.5 | 6.3 | 10.7 | 11.8 |
| 55° | 0.0 | 0.6 | 1.0 | 1.0 | 1.6 | 2.2 | 4.0 | 3.7 | 11.5 | 16.2 | 18.3 |
| 52.5° | 0.0 | 0.6 | 1.0 | 1.0 | 1.9 | 2.7 | 5.6 | 9.1 | 17.2 | 24.1 | 25.9 |
| 50° | 0.0 | 0.6 | 1.1 | 1.0 | 2.2 | 4.4 | 7.4 | 15.0 | 24.0 | 32.7 | 39.6 |
| 47.5° | 0.0 | 0.7 | 1.1 | 1.1 | 2.5 | 6.2 | 9.8 | 21.0 | 33.0 | 42.3 | 53.7 |
| 45° | 0.0 | 0.7 | 1.1 | 1.3 | 2.9 | 8.0 | 15.0 | 27.0 | 42.0 | 54.8 | 67.6 |
| 42.5° | 0.0 | 0.7 | 1.1 | 1.6 | 3.2 | 10.0 | 20.2 | 34.1 | 51.0 | 67.1 | 83.1 |
| 40° | 0.0 | 0.8 | 1.2 | 1.9 | 4.2 | 12.2 | 25.4 | 41.9 | 60.3 | 79.1 | 99.2 |
| 37.5° | 0.0 | 0.8 | 1.2 | 2.4 | 5.9 | 14.4 | 30.5 | 49.6 | 70.4 | 91.5 | 115.7 |
| 35° | 0.0 | 0.8 | 1.2 | 2.8 | 7.6 | 17.8 | 35.6 | 57.1 | 80.5 | 106.3 | 133.7 |
| 32.5° | 0.0 | 0.8 | 1.3 | 3.3 | 9.3 | 21.9 | 41.0 | 64.6 | 90.7 | 121.5 | 153.9 |
| 30° | 0.0 | 0.9 | 1.3 | 3.8 | 10.9 | 25.8 | 47.0 | 72.1 | 100.8 | 137.0 | 174.3 |
| 27.5° | 0.0 | 0.9 | 1.4 | 4.3 | 12.9 | 29.6 | 52.8 | 80.4 | 112.0 | 152.8 | 194.7 |
| 25° | 0.0 | 0.9 | 1.4 | 4.9 | 14.8 | 33.2 | 58.4 | 88.5 | 124.8 | 169.5 | 215.2 |
| 22.5° | 0.0 | 0.9 | 1.5 | 5.5 | 16.7 | 36.8 | 63.8 | 96.4 | 137.5 | 186.5 | 235.9 |
| 20° | 0.0 | 0.9 | 1.5 | 6.1 | 18.5 | 40.2 | 69.0 | 104.0 | 150.0 | 203.2 | 255.6 |
| 17.5° | 0.0 | 1.0 | 1.6 | 6.7 | 20.3 | 43.5 | 73.7 | 111.3 | 162.2 | 219.3 | 274.3 |
| 15° | 0.0 | 1.0 | 1.6 | 7.3 | 21.9 | 46.5 | 78.1 | 117.8 | 174.0 | 234.8 | 292.0 |
| 12.5° | 0.0 | 1.0 | 1.7 | 7.9 | 23.5 | 49.4 | 82.1 | 123.2 | 183.7 | 249.7 | 308.5 |
| 10° | 0.0 | 1.0 | 1.7 | 8.5 | 25.0 | 51.9 | 85.7 | 128.1 | 191.5 | 258.5 | 321.5 |
| 7.5° | 0.0 | 1.0 | 1.8 | 9.1 | 26.4 | 54.3 | 89.0 | 132.3 | 198.4 | 265.2 | 328.2 |
| 5° | 0.0 | 1.0 | 1.8 | 9.6 | 27.7 | 56.4 | 91.8 | 136.0 | 204.3 | 270.5 | 333.7 |
| 2.5° | 0.0 | 1.0 | 1.9 | 10.1 | 28.8 | 58.2 | 94.3 | 139.1 | 209.1 | 274.5 | 337.9 |
| 0° | 0.0 | 1.0 | 1.9 | 10.6 | 29.8 | 59.7 | 96.3 | 141.5 | 212.8 | 277.3 | 340.8 |
| -2.5° | 0.0 | 1.1 | 2.2 | 11.3 | 31.2 | 61.6 | 98.9 | 145.6 | 217.0 | 281.3 | 345.3 |
| -5° | 0.0 | 1.1 | 2.5 | 11.9 | 32.4 | 63.2 | 101.1 | 149.0 | 220.0 | 284.2 | 348.6 |
| -7.5° | 0.0 | 1.2 | 2.8 | 12.4 | 33.4 | 64.4 | 102.8 | 151.7 | 221.9 | 285.9 | 350.5 |
| -10° | 0.0 | 1.2 | 3.0 | 12.9 | 34.2 | 65.4 | 104.0 | 153.6 | 222.8 | 286.7 | 351.0 |
| -12.5° | 0.0 | 1.3 | 3.3 | 13.3 | 34.9 | 66.0 | 104.8 | 154.7 | 222.5 | 286.2 | 349.4 |
| -15° | 0.0 | 1.3 | 3.5 | 13.7 | 35.3 | 66.3 | 105.0 | 154.9 | 220.9 | 283.7 | 346.0 |
| -17.5° | 0.0 | 1.4 | 3.8 | 14.0 | 35.5 | 66.3 | 104.7 | 154.6 | 218.0 | 280.3 | 341.3 |
| -20° | 0.0 | 1.4 | 4.0 | 14.1 | 35.5 | 65.9 | 104.4 | 153.9 | 214.4 | 276.1 | 335.3 |

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Scaled Data Report



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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 | 1.4 | 4.1 | 14.2 | 35.2 | 65.2 | 104.4 | 152.5 | 210.2 | 271.1 | 328.0 |
| -25° | 0.0 | 1.5 | 4.3 | 14.2 | 34.7 | 65.0 | 104.0 | 150.5 | 205.4 | 265.3 | 319.5 |
| -27.5° | 0.0 | 1.5 | 4.4 | 14.1 | 33.9 | 64.7 | 103.0 | 147.8 | 200.0 | 258.7 | 311.6 |
| -30° | 0.0 | 1.5 | 4.5 | 13.9 | 32.9 | 64.0 | 101.4 | 144.5 | 195.3 | 251.1 | 303.1 |
| -32.5° | 0.0 | 1.5 | 4.6 | 13.6 | 32.5 | 62.9 | 99.4 | 141.8 | 190.7 | 243.3 | 294.0 |
| -35° | 0.0 | 1.5 | 4.7 | 13.2 | 31.8 | 61.4 | 97.5 | 138.9 | 185.4 | 235.2 | 284.4 |
| -37.5° | 0.0 | 1.5 | 4.7 | 12.7 | 30.8 | 59.7 | 95.2 | 135.3 | 179.5 | 226.9 | 273.0 |
| -40° | 0.0 | 1.5 | 4.7 | 12.1 | 29.6 | 58.3 | 92.5 | 131.1 | 173.0 | 219.1 | 260.9 |
| -42.5° | 0.0 | 1.5 | 4.6 | 11.6 | 28.7 | 56.5 | 89.2 | 126.3 | 167.0 | 209.0 | 248.0 |
| -45° | 0.0 | 1.4 | 4.6 | 11.1 | 28.2 | 54.3 | 85.4 | 121.3 | 160.8 | 198.2 | 234.6 |
| -47.5° | 0.0 | 1.4 | 4.5 | 10.5 | 27.3 | 51.7 | 81.1 | 116.2 | 153.9 | 187.0 | 222.2 |
| -50° | 0.0 | 1.4 | 4.3 | 10.3 | 26.2 | 48.8 | 77.3 | 110.5 | 144.9 | 176.8 | 209.4 |
| -52.5° | 0.0 | 1.3 | 4.2 | 10.2 | 24.8 | 45.5 | 73.3 | 104.1 | 135.9 | 166.2 | 196.4 |
| -55° | 0.0 | 1.3 | 4.0 | 9.9 | 23.0 | 42.8 | 68.8 | 97.4 | 126.6 | 155.1 | 184.1 |
| -57.5° | 0.0 | 1.2 | 3.8 | 9.5 | 21.1 | 39.9 | 63.8 | 91.3 | 116.8 | 144.0 | 171.4 |
| -60° | 0.0 | 1.1 | 3.5 | 9.0 | 18.9 | 36.6 | 58.5 | 84.1 | 106.8 | 132.4 | 158.4 |
| -62.5° | 0.0 | 1.1 | 3.3 | 8.4 | 17.6 | 32.9 | 53.4 | 76.0 | 96.9 | 120.4 | 144.9 |
| -65° | 0.0 | 1.0 | 3.1 | 7.6 | 16.1 | 28.9 | 47.8 | 67.5 | 86.4 | 107.7 | 130.9 |
| -67.5° | 0.0 | 0.9 | 2.8 | 6.8 | 14.4 | 25.3 | 41.7 | 59.0 | 75.2 | 94.2 | 115.3 |
| -70° | 0.0 | 0.8 | 2.5 | 5.9 | 12.5 | 22.2 | 35.1 | 50.2 | 64.7 | 80.1 | 98.6 |
| -72.5° | 0.0 | 0.7 | 2.3 | 5.2 | 10.5 | 18.8 | 29.9 | 41.1 | 53.9 | 67.4 | 81.7 |
| -75° | 0.0 | 0.6 | 2.0 | 4.5 | 8.3 | 15.3 | 24.5 | 33.5 | 42.7 | 54.4 | 66.7 |
| -77.5° | 0.0 | 0.5 | 1.7 | 3.8 | 6.9 | 11.5 | 18.9 | 26.3 | 33.9 | 41.9 | 51.3 |
| -80° | 0.0 | 0.4 | 1.3 | 3.1 | 5.6 | 8.8 | 13.0 | 19.0 | 25.2 | 31.8 | 38.6 |
| -82.5° | 0.0 | 0.3 | 1.0 | 2.3 | 4.2 | 6.6 | 9.6 | 12.7 | 16.4 | 21.5 | 26.8 |
| -85° | 0.0 | 0.2 | 0.7 | 1.6 | 2.8 | 4.5 | 6.4 | 8.5 | 10.8 | 13.4 | 16.2 |
| -87.5° | 0.0 | 0.1 | 0.3 | 0.8 | 1.4 | 2.2 | 3.2 | 4.3 | 5.4 | 6.7 | 8.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 |
| 85° | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 82.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 80° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 77.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 72.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 70° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 |
| 67.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.5 |
| 65° | 1.0 | 1.0 | 1.4 | 1.5 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 |
| 62.5° | 1.4 | 1.8 | 2.2 | 3.4 | 2.5 | 1.0 | 1.9 | 2.2 | 1.5 | 1.2 | 1.3 |
| 60° | 4.3 | 2.9 | 7.4 | 10.3 | 6.7 | 3.6 | 4.4 | 8.7 | 7.2 | 1.9 | 5.1 |
| 57.5° | 8.5 | 10.5 | 18.7 | 19.6 | 15.0 | 10.1 | 22.3 | 24.7 | 20.5 | 12.8 | 18.5 |
| 55° | 17.7 | 24.9 | 31.5 | 31.1 | 31.3 | 39.3 | 46.2 | 45.4 | 40.0 | 55.1 | 69.5 |
| 52.5° | 33.6 | 41.0 | 45.4 | 49.4 | 60.6 | 68.1 | 70.2 | 74.5 | 90.2 | 108.9 | 112.3 |
| 50° | 49.2 | 56.9 | 62.6 | 77.3 | 88.8 | 94.7 | 100.1 | 114.5 | 138.3 | 151.2 | 153.2 |
| 47.5° | 65.1 | 73.7 | 88.8 | 104.8 | 115.9 | 124.8 | 134.3 | 167.0 | 193.5 | 204.5 | 208.5 |
| 45° | 81.6 | 96.5 | 115.3 | 131.8 | 144.7 | 156.8 | 187.7 | 232.3 | 251.0 | 267.8 | 310.6 |
| 42.5° | 98.8 | 121.2 | 142.4 | 159.6 | 174.2 | 199.5 | 242.6 | 285.8 | 312.5 | 348.2 | 399.9 |
| 40° | 120.7 | 145.8 | 170.4 | 188.0 | 206.1 | 244.4 | 297.8 | 343.5 | 371.7 | 419.7 | 478.6 |
| 37.5° | 143.0 | 172.3 | 198.9 | 217.4 | 242.9 | 294.7 | 357.4 | 412.1 | 447.2 | 486.2 | 580.9 |
| 35° | 165.0 | 199.3 | 226.6 | 251.4 | 283.0 | 354.3 | 431.6 | 492.5 | 535.8 | 602.7 | 722.5 |
| 32.5° | 188.5 | 226.8 | 254.7 | 288.5 | 340.3 | 420.1 | 515.0 | 582.7 | 654.5 | 750.7 | 942.7 |
| 30° | 213.5 | 252.6 | 284.7 | 325.3 | 394.8 | 487.9 | 598.0 | 683.1 | 780.5 | 936.8 | 1143.7 |
| 27.5° | 238.4 | 278.3 | 317.8 | 369.5 | 445.7 | 546.4 | 661.4 | 795.4 | 921.3 | 1096.2 | 1322.4 |
| 25° | 262.3 | 304.4 | 350.3 | 412.7 | 495.2 | 600.5 | 726.1 | 880.7 | 1044.9 | 1245.0 | 1510.6 |
| 22.5° | 285.2 | 331.0 | 384.7 | 451.7 | 536.9 | 652.0 | 801.7 | 983.3 | 1180.7 | 1387.9 | 1693.1 |
| 20° | 307.6 | 360.7 | 422.3 | 497.3 | 575.3 | 699.4 | 875.6 | 1095.5 | 1342.9 | 1626.8 | 1925.8 |
| 17.5° | 329.7 | 390.0 | 461.1 | 544.5 | 639.0 | 766.0 | 951.4 | 1213.2 | 1514.3 | 1883.8 | 2251.9 |
| 15° | 351.4 | 418.7 | 498.6 | 591.1 | 703.2 | 855.0 | 1065.6 | 1353.4 | 1717.2 | 2159.6 | 2595.7 |
| 12.5° | 372.5 | 446.6 | 534.7 | 636.6 | 765.5 | 938.8 | 1173.2 | 1483.7 | 1900.5 | 2429.1 | 2964.8 |
| 10° | 392.6 | 473.3 | 568.9 | 680.6 | 825.2 | 1016.7 | 1268.4 | 1596.4 | 2038.9 | 2583.6 | 3179.4 |
| 7.5° | 402.9 | 491.4 | 598.1 | 722.3 | 881.5 | 1088.3 | 1351.2 | 1691.7 | 2147.0 | 2707.9 | 3305.3 |
| 5° | 410.2 | 499.7 | 609.0 | 739.0 | 912.5 | 1137.0 | 1414.5 | 1769.6 | 2226.6 | 2801.4 | 3390.5 |
| 2.5° | 415.9 | 505.7 | 617.0 | 748.4 | 924.7 | 1153.2 | 1435.4 | 1796.8 | 2269.4 | 2850.1 | 3440.2 |
| 0° | 419.8 | 509.3 | 621.9 | 753.8 | 931.0 | 1161.1 | 1445.1 | 1808.1 | 2287.5 | 2861.3 | 3458.2 |
| -2.5° | 423.9 | 514.3 | 627.1 | 762.2 | 939.8 | 1171.8 | 1455.7 | 1816.1 | 2301.1 | 2864.4 | 3468.0 |
| -5° | 426.3 | 517.0 | 629.1 | 766.3 | 942.7 | 1173.8 | 1455.0 | 1808.4 | 2290.3 | 2842.0 | 3446.8 |
| -7.5° | 426.9 | 517.3 | 628.0 | 765.5 | 939.1 | 1164.7 | 1439.6 | 1785.9 | 2252.9 | 2796.5 | 3394.8 |
| -10° | 425.9 | 515.0 | 623.9 | 758.5 | 928.5 | 1145.8 | 1412.1 | 1746.8 | 2191.6 | 2721.4 | 3306.8 |
| -12.5° | 422.7 | 510.2 | 616.5 | 747.2 | 911.5 | 1118.9 | 1373.3 | 1691.0 | 2106.4 | 2617.0 | 3182.9 |
| -15° | 417.8 | 503.0 | 605.8 | 731.5 | 888.0 | 1084.3 | 1323.5 | 1618.6 | 1996.6 | 2484.2 | 3028.4 |
| -17.5° | 410.9 | 493.5 | 591.7 | 711.5 | 858.0 | 1042.3 | 1263.3 | 1533.9 | 1878.3 | 2336.1 | 2856.8 |
| -20° | 402.1 | 481.6 | 574.4 | 687.2 | 823.4 | 998.0 | 1207.5 | 1458.9 | 1767.5 | 2166.4 | 2654.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 391.5 | 467.5 | 556.0 | 663.9 | 792.7 | 952.0 | 1145.0 | 1373.8 | 1643.3 | 1970.4 | 2433.2 |
| -25° | 380.5 | 454.0 | 538.1 | 638.0 | 757.6 | 899.9 | 1073.6 | 1282.0 | 1526.0 | 1825.4 | 2208.1 |
| -27.5° | 369.7 | 438.4 | 517.5 | 608.1 | 718.3 | 846.2 | 1006.4 | 1196.4 | 1413.9 | 1668.5 | 1980.1 |
| -30° | 357.5 | 421.0 | 494.7 | 576.8 | 680.7 | 799.4 | 937.8 | 1100.7 | 1294.0 | 1524.1 | 1795.0 |
| -32.5° | 344.2 | 402.4 | 472.6 | 549.7 | 640.3 | 748.4 | 868.1 | 1015.4 | 1183.7 | 1373.4 | 1607.6 |
| -35° | 330.9 | 386.4 | 450.0 | 520.5 | 597.0 | 698.3 | 808.3 | 930.4 | 1073.6 | 1241.6 | 1428.8 |
| -37.5° | 318.2 | 369.1 | 425.8 | 491.6 | 563.3 | 647.3 | 744.6 | 854.8 | 978.0 | 1111.8 | 1273.5 |
| -40° | 304.0 | 350.3 | 404.0 | 463.5 | 527.0 | 599.8 | 687.5 | 781.1 | 887.1 | 1004.8 | 1129.8 |
| -42.5° | 288.6 | 333.1 | 382.0 | 433.4 | 491.6 | 556.7 | 629.4 | 715.0 | 803.1 | 901.6 | 1010.7 |
| -45° | 273.5 | 314.3 | 359.1 | 406.0 | 455.0 | 512.5 | 578.5 | 649.7 | 727.8 | 808.3 | 899.9 |
| -47.5° | 257.6 | 294.9 | 336.6 | 377.4 | 420.8 | 469.9 | 525.9 | 590.5 | 655.7 | 727.3 | 798.3 |
| -50° | 241.7 | 276.7 | 311.7 | 349.8 | 388.7 | 429.5 | 476.8 | 532.6 | 591.9 | 651.4 | 713.9 |
| -52.5° | 227.4 | 257.7 | 289.3 | 322.0 | 357.5 | 393.8 | 433.2 | 479.2 | 531.0 | 583.4 | 637.3 |
| -55° | 212.8 | 240.7 | 266.9 | 296.2 | 326.8 | 359.5 | 394.7 | 433.4 | 472.5 | 520.2 | 566.5 |
| -57.5° | 198.6 | 223.3 | 246.1 | 271.0 | 298.3 | 326.1 | 357.8 | 390.7 | 426.2 | 462.2 | 500.1 |
| -60° | 184.3 | 205.3 | 226.0 | 247.6 | 270.4 | 295.1 | 320.6 | 349.5 | 380.0 | 411.3 | 444.1 |
| -62.5° | 169.5 | 186.6 | 204.8 | 224.6 | 244.7 | 263.6 | 285.0 | 308.7 | 333.8 | 360.7 | 388.5 |
| -65° | 153.0 | 167.1 | 182.3 | 199.6 | 218.5 | 233.8 | 250.1 | 267.9 | 288.7 | 310.8 | 332.6 |
| -67.5° | 135.4 | 147.9 | 160.3 | 173.1 | 188.4 | 202.1 | 215.6 | 229.7 | 245.2 | 263.3 | 280.9 |
| -70° | 115.7 | 128.2 | 139.1 | 149.7 | 159.5 | 169.3 | 180.7 | 191.8 | 204.3 | 220.6 | 236.5 |
| -72.5° | 95.7 | 107.4 | 117.8 | 126.8 | 133.6 | 139.5 | 146.5 | 154.6 | 166.6 | 181.7 | 195.7 |
| -75° | 77.4 | 86.8 | 96.5 | 105.2 | 109.6 | 111.4 | 112.8 | 117.1 | 129.2 | 144.7 | 158.4 |
| -77.5° | 60.3 | 68.5 | 76.4 | 83.9 | 87.0 | 88.3 | 88.9 | 88.8 | 97.8 | 111.0 | 124.8 |
| -80° | 44.4 | 50.1 | 56.8 | 63.3 | 65.2 | 65.7 | 65.8 | 65.4 | 72.7 | 82.2 | 92.4 |
| -82.5° | 30.9 | 35.0 | 39.3 | 43.6 | 44.2 | 43.9 | 43.3 | 42.6 | 48.6 | 55.4 | 62.4 |
| -85° | 18.0 | 19.7 | 22.3 | 25.0 | 25.3 | 25.2 | 24.7 | 23.9 | 27.2 | 31.0 | 34.9 |
| -87.5° | 9.0 | 9.9 | 10.7 | 11.6 | 11.3 | 10.8 | 10.3 | 9.6 | 10.5 | 11.4 | 12.4 |
| -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: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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° | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.0 | 0.8 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 1.0 | 0.8 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 1.0 | 0.9 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.5 | 0.5 | 0.5 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 1.0 | 1.0 | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 |
| 62.5° | 1.3 | 1.2 | 0.9 | 0.8 | 0.9 | 1.0 | 0.8 | 0.7 | 0.7 | 0.7 | 0.8 |
| 60° | 5.4 | 3.1 | 3.2 | 4.1 | 3.5 | 1.6 | 3.2 | 4.0 | 3.8 | 2.9 | 2.5 |
| 57.5° | 27.6 | 23.1 | 16.2 | 27.1 | 27.9 | 19.5 | 21.1 | 27.5 | 26.7 | 20.6 | 20.5 |
| 55° | 69.6 | 70.6 | 75.9 | 82.7 | 87.8 | 90.1 | 92.2 | 102.5 | 113.6 | 124.4 | 129.8 |
| 52.5° | 115.0 | 128.5 | 145.2 | 156.3 | 164.0 | 179.9 | 202.1 | 212.3 | 222.2 | 233.4 | 241.6 |
| 50° | 169.4 | 192.8 | 209.6 | 212.0 | 238.4 | 255.5 | 259.6 | 278.7 | 299.5 | 312.5 | 321.8 |
| 47.5° | 252.0 | 281.6 | 296.2 | 305.5 | 337.7 | 372.9 | 372.9 | 383.9 | 436.0 | 463.3 | 476.4 |
| 45° | 362.9 | 387.6 | 413.5 | 480.8 | 542.6 | 562.2 | 604.2 | 661.1 | 698.1 | 748.9 | 804.9 |
| 42.5° | 457.4 | 503.7 | 568.6 | 642.7 | 704.7 | 756.3 | 818.6 | 887.0 | 969.1 | 1046.4 | 1113.1 |
| 40° | 551.0 | 608.3 | 688.6 | 769.2 | 847.2 | 918.7 | 1019.3 | 1107.3 | 1204.2 | 1310.4 | 1399.0 |
| 37.5° | 673.0 | 746.4 | 829.4 | 930.9 | 1052.4 | 1131.8 | 1270.2 | 1396.5 | 1505.7 | 1634.0 | 1713.1 |
| 35° | 860.4 | 956.0 | 1029.4 | 1234.8 | 1382.7 | 1475.5 | 1639.3 | 1846.9 | 1926.7 | 2088.3 | 2164.9 |
| 32.5° | 1096.0 | 1223.1 | 1416.5 | 1688.4 | 1885.8 | 2056.7 | 2301.5 | 2512.2 | 2691.9 | 2854.1 | 3023.0 |
| 30° | 1360.8 | 1556.9 | 1841.9 | 2203.2 | 2403.7 | 2643.1 | 2974.2 | 3224.0 | 3505.7 | 3814.9 | 3923.3 |
| 27.5° | 1601.0 | 1894.7 | 2225.7 | 2518.4 | 2806.3 | 3104.5 | 3429.7 | 3750.7 | 4055.6 | 4313.0 | 4485.6 |
| 25° | 1823.7 | 2179.4 | 2501.1 | 2813.8 | 3125.8 | 3461.6 | 3829.5 | 4193.6 | 4529.1 | 4793.8 | 4995.1 |
| 22.5° | 2053.3 | 2429.1 | 2773.3 | 3090.6 | 3453.5 | 3834.0 | 4225.3 | 4642.9 | 5024.7 | 5299.4 | 5518.6 |
| 20° | 2269.3 | 2687.2 | 3079.8 | 3441.1 | 3784.2 | 4223.5 | 4674.0 | 5116.9 | 5532.7 | 5859.9 | 6112.8 |
| 17.5° | 2612.0 | 2974.9 | 3454.6 | 3924.0 | 4310.5 | 4714.0 | 5316.1 | 5773.2 | 6234.7 | 6626.5 | 6894.5 |
| 15° | 3033.0 | 3432.0 | 3927.4 | 4572.0 | 5101.6 | 5563.9 | 6185.8 | 6929.6 | 7473.8 | 7974.0 | 8317.2 |
| 12.5° | 3454.3 | 3905.6 | 4441.4 | 5166.8 | 5920.8 | 6465.4 | 7220.0 | 8162.3 | 8796.3 | 9570.7 | 9952.5 |
| 10° | 3777.2 | 4343.8 | 4895.6 | 5557.7 | 6281.8 | 7057.3 | 7870.7 | 8752.3 | 9599.4 | 10264.3 | 10858.8 |
| 7.5° | 3907.2 | 4510.8 | 5149.6 | 5825.1 | 6549.1 | 7349.4 | 8216.3 | 9133.8 | 10005.5 | 10748.2 | 11401.5 |
| 5° | 4004.4 | 4622.8 | 5265.8 | 5956.5 | 6730.5 | 7566.3 | 8446.1 | 9409.3 | 10299.6 | 11095.6 | 11764.0 |
| 2.5° | 4066.1 | 4690.4 | 5330.6 | 6032.8 | 6846.9 | 7707.5 | 8615.6 | 9604.3 | 10507.9 | 11327.4 | 11993.6 |
| 0° | 4089.8 | 4705.0 | 5360.6 | 6083.7 | 6889.5 | 7752.1 | 8699.5 | 9699.8 | 10610.6 | 11402.9 | 12088.4 |
| -2.5° | 4093.0 | 4691.4 | 5362.6 | 6082.1 | 6853.2 | 7723.9 | 8682.7 | 9674.6 | 10566.9 | 11356.1 | 12047.7 |
| -5° | 4060.9 | 4659.0 | 5330.9 | 6039.4 | 6811.6 | 7675.7 | 8593.4 | 9551.9 | 10402.9 | 11171.0 | 11836.9 |
| -7.5° | 3995.8 | 4592.3 | 5249.2 | 5941.6 | 6692.9 | 7531.1 | 8412.4 | 9303.6 | 10138.4 | 10875.1 | 11510.6 |
| -10° | 3899.1 | 4483.1 | 5117.3 | 5791.9 | 6502.8 | 7300.0 | 8140.4 | 8992.0 | 9774.8 | 10456.0 | 11043.6 |
| -12.5° | 3768.3 | 4338.7 | 4944.4 | 5588.4 | 6250.1 | 7010.2 | 7803.7 | 8603.4 | 9316.9 | 9938.8 | 10466.0 |
| -15° | 3598.3 | 4155.4 | 4741.9 | 5351.0 | 5992.7 | 6680.0 | 7392.2 | 8125.6 | 8783.7 | 9335.2 | 9816.9 |
| -17.5° | 3398.1 | 3938.4 | 4495.4 | 5060.0 | 5668.9 | 6313.8 | 6974.8 | 7633.2 | 8194.5 | 8684.5 | 9124.9 |
| -20° | 3174.8 | 3695.5 | 4224.5 | 4750.8 | 5303.3 | 5899.8 | 6510.3 | 7088.6 | 7579.1 | 8024.3 | 8427.4 |



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2924.6 | 3422.9 | 3930.0 | 4422.6 | 4920.7 | 5460.8 | 6006.0 | 6529.0 | 6987.8 | 7368.7 | 7718.9 |
| -25° | 2656.7 | 3117.1 | 3596.0 | 4057.8 | 4516.3 | 5000.3 | 5495.5 | 5976.7 | 6380.5 | 6711.2 | 7000.6 |
| -27.5° | 2386.8 | 2807.5 | 3229.4 | 3664.2 | 4088.0 | 4534.6 | 4983.0 | 5398.6 | 5761.1 | 6065.5 | 6308.7 |
| -30° | 2103.0 | 2479.2 | 2864.4 | 3257.8 | 3662.5 | 4071.2 | 4476.3 | 4840.2 | 5156.7 | 5424.4 | 5634.6 |
| -32.5° | 1867.2 | 2153.0 | 2493.1 | 2850.2 | 3229.5 | 3601.9 | 3954.3 | 4286.0 | 4584.2 | 4818.0 | 4996.3 |
| -35° | 1641.2 | 1883.2 | 2137.9 | 2454.0 | 2779.9 | 3122.5 | 3446.7 | 3742.7 | 4008.6 | 4212.9 | 4380.5 |
| -37.5° | 1446.9 | 1638.3 | 1853.7 | 2079.4 | 2352.6 | 2635.9 | 2928.4 | 3206.8 | 3443.8 | 3622.1 | 3771.8 |
| -40° | 1278.7 | 1429.8 | 1601.9 | 1780.8 | 1981.9 | 2185.4 | 2440.1 | 2675.1 | 2868.6 | 3035.1 | 3170.8 |
| -42.5° | 1126.6 | 1254.2 | 1381.2 | 1528.0 | 1679.7 | 1843.3 | 2022.1 | 2195.9 | 2344.4 | 2483.8 | 2599.0 |
| -45° | 995.4 | 1097.2 | 1198.6 | 1311.9 | 1423.2 | 1556.3 | 1684.1 | 1798.0 | 1918.3 | 2022.7 | 2104.8 |
| -47.5° | 880.6 | 960.0 | 1046.9 | 1131.7 | 1221.1 | 1321.3 | 1416.4 | 1503.1 | 1591.2 | 1667.6 | 1728.8 |
| -50° | 778.6 | 844.4 | 915.3 | 982.0 | 1054.3 | 1127.6 | 1197.9 | 1266.9 | 1333.8 | 1391.9 | 1437.1 |
| -52.5° | 689.4 | 746.9 | 802.1 | 855.2 | 912.7 | 967.0 | 1017.8 | 1074.8 | 1127.1 | 1172.9 | 1203.9 |
| -55° | 613.3 | 660.3 | 705.5 | 749.9 | 793.4 | 834.5 | 875.1 | 919.3 | 959.7 | 996.1 | 1019.1 |
| -57.5° | 541.9 | 581.9 | 620.2 | 656.4 | 691.0 | 723.7 | 757.8 | 791.8 | 823.0 | 850.4 | 868.2 |
| -60° | 477.0 | 509.6 | 542.8 | 572.4 | 600.2 | 626.4 | 655.1 | 682.3 | 707.4 | 728.5 | 740.8 |
| -62.5° | 417.5 | 446.8 | 471.3 | 494.6 | 518.3 | 541.9 | 562.3 | 582.4 | 601.8 | 618.1 | 628.9 |
| -65° | 355.3 | 380.1 | 401.0 | 419.7 | 436.7 | 454.9 | 472.3 | 488.1 | 502.1 | 512.7 | 519.5 |
| -67.5° | 299.7 | 317.9 | 334.6 | 349.5 | 364.6 | 379.3 | 392.7 | 404.6 | 415.1 | 422.6 | 427.4 |
| -70° | 251.3 | 265.3 | 278.9 | 292.5 | 305.9 | 317.3 | 327.1 | 336.0 | 344.1 | 347.5 | 349.0 |
| -72.5° | 208.8 | 221.2 | 233.2 | 245.2 | 256.4 | 265.3 | 272.4 | 279.0 | 284.9 | 279.8 | 270.9 |
| -75° | 170.3 | 181.2 | 192.4 | 203.0 | 212.9 | 219.7 | 225.0 | 229.8 | 234.3 | 223.3 | 208.1 |
| -77.5° | 138.8 | 148.4 | 156.7 | 164.9 | 173.1 | 177.4 | 180.8 | 184.1 | 187.2 | 174.9 | 159.4 |
| -80° | 103.0 | 110.7 | 117.7 | 124.7 | 131.5 | 134.1 | 135.6 | 136.6 | 137.2 | 126.6 | 114.5 |
| -82.5° | 69.6 | 73.6 | 77.4 | 81.5 | 85.6 | 87.8 | 89.4 | 90.7 | 91.6 | 84.1 | 75.7 |
| -85° | 39.0 | 40.2 | 41.1 | 41.9 | 42.6 | 44.0 | 45.3 | 46.5 | 47.6 | 44.0 | 40.1 |
| -87.5° | 13.4 | 13.4 | 13.3 | 13.2 | 13.1 | 13.1 | 13.1 | 13.1 | 13.0 | 12.5 | 11.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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 | 0.1 | 0.2 |
| 62.5° | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 |
| 60° | 1.9 | 1.2 | 1.0 | 1.0 | 1.0 | 1.2 | 1.9 | 2.5 | 2.9 | 3.8 | 4.0 |
| 57.5° | 19.2 | 16.7 | 15.0 | 13.5 | 15.0 | 16.7 | 19.2 | 20.5 | 20.6 | 26.7 | 27.5 |
| 55° | 127.5 | 118.7 | 108.0 | 95.3 | 108.0 | 118.7 | 127.5 | 129.8 | 124.4 | 113.6 | 102.5 |
| 52.5° | 250.1 | 258.4 | 263.2 | 262.8 | 263.2 | 258.4 | 250.1 | 241.6 | 233.4 | 222.2 | 212.3 |
| 50° | 329.2 | 333.7 | 334.0 | 330.2 | 334.0 | 333.7 | 329.2 | 321.8 | 312.5 | 299.5 | 278.7 |
| 47.5° | 482.3 | 476.0 | 465.2 | 453.5 | 465.2 | 476.0 | 482.3 | 476.4 | 463.3 | 436.0 | 383.9 |
| 45° | 841.7 | 862.0 | 860.7 | 834.7 | 860.7 | 862.0 | 841.7 | 804.9 | 748.9 | 698.1 | 661.1 |
| 42.5° | 1150.3 | 1180.6 | 1202.1 | 1213.1 | 1202.1 | 1180.6 | 1150.3 | 1113.1 | 1046.4 | 969.1 | 887.0 |
| 40° | 1448.8 | 1478.1 | 1491.1 | 1490.4 | 1491.1 | 1478.1 | 1448.8 | 1399.0 | 1310.4 | 1204.2 | 1107.3 |
| 37.5° | 1764.3 | 1802.3 | 1820.7 | 1811.9 | 1820.7 | 1802.3 | 1764.3 | 1713.1 | 1634.0 | 1505.7 | 1396.5 |
| 35° | 2198.1 | 2233.7 | 2234.3 | 2216.3 | 2234.3 | 2233.7 | 2198.1 | 2164.9 | 2088.3 | 1926.7 | 1846.9 |
| 32.5° | 3157.0 | 3168.9 | 3077.6 | 3045.2 | 3077.6 | 3168.9 | 3157.0 | 3023.0 | 2854.1 | 2691.9 | 2512.2 |
| 30° | 4031.0 | 4115.3 | 4193.7 | 4233.3 | 4193.7 | 4115.3 | 4031.0 | 3923.3 | 3814.9 | 3505.7 | 3224.0 |
| 27.5° | 4615.8 | 4717.1 | 4779.9 | 4784.0 | 4779.9 | 4717.1 | 4615.8 | 4485.6 | 4313.0 | 4055.6 | 3750.7 |
| 25° | 5147.6 | 5261.0 | 5329.5 | 5352.9 | 5329.5 | 5261.0 | 5147.6 | 4995.1 | 4793.8 | 4529.1 | 4193.6 |
| 22.5° | 5704.8 | 5838.4 | 5927.0 | 5945.0 | 5927.0 | 5838.4 | 5704.8 | 5518.6 | 5299.4 | 5024.7 | 4642.9 |
| 20° | 6351.3 | 6506.8 | 6591.6 | 6588.2 | 6591.6 | 6506.8 | 6351.3 | 6112.8 | 5859.9 | 5532.7 | 5116.9 |
| 17.5° | 7202.4 | 7369.1 | 7442.4 | 7410.4 | 7442.4 | 7369.1 | 7202.4 | 6894.5 | 6626.5 | 6234.7 | 5773.2 |
| 15° | 8669.4 | 9018.2 | 9016.8 | 8877.6 | 9016.8 | 9018.2 | 8669.4 | 8317.2 | 7974.0 | 7473.8 | 6929.6 |
| 12.5° | 10479.0 | 10739.0 | 11005.7 | 11063.1 | 11005.7 | 10739.0 | 10479.0 | 9952.5 | 9570.7 | 8796.3 | 8162.3 |
| 10° | 11359.5 | 11704.8 | 11932.7 | 11926.7 | 11932.7 | 11704.8 | 11359.5 | 10858.8 | 10264.3 | 9599.4 | 8752.3 |
| 7.5° | 11910.4 | 12291.9 | 12568.1 | 12562.1 | 12568.1 | 12291.9 | 11910.4 | 11401.5 | 10748.2 | 10005.5 | 9133.8 |
| 5° | 12335.5 | 12758.6 | 13003.2 | 13021.3 | 13003.2 | 12758.6 | 12335.5 | 11764.0 | 11095.6 | 10299.6 | 9409.3 |
| 2.5° | 12556.4 | 12998.0 | 13292.0 | 13253.4 | 13292.0 | 12998.0 | 12556.4 | 11993.6 | 11327.4 | 10507.9 | 9604.3 |
| 0° | 12648.7 | 13085.8 | 13360.2 | 13478.6 | 13360.2 | 13085.8 | 12648.7 | 12088.4 | 11402.9 | 10610.6 | 9699.8 |
| -2.5° | 12608.4 | 13033.7 | 13336.9 | 13348.7 | 13336.9 | 13033.7 | 12608.4 | 12047.7 | 11356.1 | 10566.9 | 9674.6 |
| -5° | 12392.4 | 12841.2 | 13044.4 | 13152.3 | 13044.4 | 12841.2 | 12392.4 | 11836.9 | 11171.0 | 10402.9 | 9551.9 |
| -7.5° | 12044.0 | 12380.3 | 12638.4 | 12757.5 | 12638.4 | 12380.3 | 12044.0 | 11510.6 | 10875.1 | 10138.4 | 9303.6 |
| -10° | 11501.8 | 11850.0 | 12068.0 | 12166.4 | 12068.0 | 11850.0 | 11501.8 | 11043.6 | 10456.0 | 9774.8 | 8992.0 |
| -12.5° | 10901.1 | 11217.6 | 11424.9 | 11507.9 | 11424.9 | 11217.6 | 10901.1 | 10466.0 | 9938.8 | 9316.9 | 8603.4 |
| -15° | 10231.0 | 10518.3 | 10709.1 | 10788.7 | 10709.1 | 10518.3 | 10231.0 | 9816.9 | 9335.2 | 8783.7 | 8125.6 |
| -17.5° | 9493.3 | 9745.0 | 9935.1 | 9992.5 | 9935.1 | 9745.0 | 9493.3 | 9124.9 | 8684.5 | 8194.5 | 7633.2 |
| -20° | 8734.7 | 8962.2 | 9118.8 | 9153.0 | 9118.8 | 8962.2 | 8734.7 | 8427.4 | 8024.3 | 7579.1 | 7088.6 |



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7970.3 | 8157.8 | 8285.0 | 8327.9 | 8285.0 | 8157.8 | 7970.3 | 7718.9 | 7368.7 | 6987.8 | 6529.0 |
| -25° | 7223.3 | 7385.2 | 7487.5 | 7525.9 | 7487.5 | 7385.2 | 7223.3 | 7000.6 | 6711.2 | 6380.5 | 5976.7 |
| -27.5° | 6504.9 | 6655.8 | 6749.9 | 6762.4 | 6749.9 | 6655.8 | 6504.9 | 6308.7 | 6065.5 | 5761.1 | 5398.6 |
| -30° | 5798.1 | 5922.7 | 5995.2 | 6025.9 | 5995.2 | 5922.7 | 5798.1 | 5634.6 | 5424.4 | 5156.7 | 4840.2 |
| -32.5° | 5137.5 | 5246.3 | 5311.5 | 5328.9 | 5311.5 | 5246.3 | 5137.5 | 4996.3 | 4818.0 | 4584.2 | 4286.0 |
| -35° | 4513.8 | 4614.4 | 4672.1 | 4667.5 | 4672.1 | 4614.4 | 4513.8 | 4380.5 | 4212.9 | 4008.6 | 3742.7 |
| -37.5° | 3895.6 | 3988.4 | 4040.8 | 4035.9 | 4040.8 | 3988.4 | 3895.6 | 3771.8 | 3622.1 | 3443.8 | 3206.8 |
| -40° | 3282.4 | 3362.4 | 3408.5 | 3419.7 | 3408.5 | 3362.4 | 3282.4 | 3170.8 | 3035.1 | 2868.6 | 2675.1 |
| -42.5° | 2694.8 | 2768.7 | 2805.6 | 2791.0 | 2805.6 | 2768.7 | 2694.8 | 2599.0 | 2483.8 | 2344.4 | 2195.9 |
| -45° | 2162.3 | 2200.5 | 2225.7 | 2241.3 | 2225.7 | 2200.5 | 2162.3 | 2104.8 | 2022.7 | 1918.3 | 1798.0 |
| -47.5° | 1773.6 | 1805.3 | 1822.4 | 1825.4 | 1822.4 | 1805.3 | 1773.6 | 1728.8 | 1667.6 | 1591.2 | 1503.1 |
| -50° | 1472.2 | 1499.2 | 1511.1 | 1507.7 | 1511.1 | 1499.2 | 1472.2 | 1437.1 | 1391.9 | 1333.8 | 1266.9 |
| -52.5° | 1226.1 | 1241.7 | 1252.3 | 1257.4 | 1252.3 | 1241.7 | 1226.1 | 1203.9 | 1172.9 | 1127.1 | 1074.8 |
| -55° | 1036.4 | 1048.6 | 1055.7 | 1058.1 | 1055.7 | 1048.6 | 1036.4 | 1019.1 | 996.1 | 959.7 | 919.3 |
| -57.5° | 883.0 | 894.6 | 898.8 | 897.3 | 898.8 | 894.6 | 883.0 | 868.2 | 850.4 | 823.0 | 791.8 |
| -60° | 750.3 | 756.9 | 761.9 | 764.4 | 761.9 | 756.9 | 750.3 | 740.8 | 728.5 | 707.4 | 682.3 |
| -62.5° | 637.4 | 643.6 | 648.8 | 651.8 | 648.8 | 643.6 | 637.4 | 628.9 | 618.1 | 601.8 | 582.4 |
| -65° | 524.3 | 527.1 | 527.8 | 526.6 | 527.8 | 527.1 | 524.3 | 519.5 | 512.7 | 502.1 | 488.1 |
| -67.5° | 431.1 | 433.3 | 434.9 | 435.2 | 434.9 | 433.3 | 431.1 | 427.4 | 422.6 | 415.1 | 404.6 |
| -70° | 350.5 | 351.4 | 350.3 | 347.6 | 350.3 | 351.4 | 350.5 | 349.0 | 347.5 | 344.1 | 336.0 |
| -72.5° | 261.8 | 252.2 | 242.6 | 232.0 | 242.6 | 252.2 | 261.8 | 270.9 | 279.8 | 284.9 | 279.0 |
| -75° | 192.5 | 176.2 | 170.3 | 164.6 | 170.3 | 176.2 | 192.5 | 208.1 | 223.3 | 234.3 | 229.8 |
| -77.5° | 143.1 | 126.2 | 121.7 | 117.5 | 121.7 | 126.2 | 143.1 | 159.4 | 174.9 | 187.2 | 184.1 |
| -80° | 101.7 | 88.5 | 85.6 | 82.8 | 85.6 | 88.5 | 101.7 | 114.5 | 126.6 | 137.2 | 136.6 |
| -82.5° | 66.9 | 57.7 | 55.8 | 53.9 | 55.8 | 57.7 | 66.9 | 75.7 | 84.1 | 91.6 | 90.7 |
| -85° | 36.0 | 31.7 | 30.8 | 29.8 | 30.8 | 31.7 | 36.0 | 40.1 | 44.0 | 47.6 | 46.5 |
| -87.5° | 11.2 | 10.6 | 10.6 | 10.6 | 10.6 | 10.6 | 11.2 | 11.9 | 12.5 | 13.0 | 13.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-WR-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 | 0.2 | 0.4 | 0.6 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 77.5° | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 75° | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 72.5° | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 0.8 | 1.0 | 1.0 | 1.0 |
| 67.5° | 0.0 | 0.0 | 0.2 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.8 | 1.0 | 1.0 |
| 65° | 0.2 | 0.2 | 0.2 | 0.5 | 0.7 | 1.0 | 1.0 | 0.9 | 0.9 | 1.0 | 1.0 |
| 62.5° | 0.8 | 1.0 | 0.9 | 0.8 | 0.9 | 1.2 | 1.3 | 1.3 | 1.2 | 1.5 | 2.2 |
| 60° | 3.2 | 1.6 | 3.5 | 4.1 | 3.2 | 3.1 | 5.4 | 5.1 | 1.9 | 7.2 | 8.7 |
| 57.5° | 21.1 | 19.5 | 27.9 | 27.1 | 16.2 | 23.1 | 27.6 | 18.5 | 12.8 | 20.5 | 24.7 |
| 55° | 92.2 | 90.1 | 87.8 | 82.7 | 75.9 | 70.6 | 69.6 | 69.5 | 55.1 | 40.0 | 45.4 |
| 52.5° | 202.1 | 179.9 | 164.0 | 156.3 | 145.2 | 128.5 | 115.0 | 112.3 | 108.9 | 90.2 | 74.5 |
| 50° | 259.6 | 255.5 | 238.4 | 212.0 | 209.6 | 192.8 | 169.4 | 153.2 | 151.2 | 138.3 | 114.5 |
| 47.5° | 372.9 | 372.9 | 337.7 | 305.5 | 296.2 | 281.6 | 252.0 | 208.5 | 204.5 | 193.5 | 167.0 |
| 45° | 604.2 | 562.2 | 542.6 | 480.8 | 413.5 | 387.6 | 362.9 | 310.6 | 267.8 | 251.0 | 232.3 |
| 42.5° | 818.6 | 756.3 | 704.7 | 642.7 | 568.6 | 503.7 | 457.4 | 399.9 | 348.2 | 312.5 | 285.8 |
| 40° | 1019.3 | 918.7 | 847.2 | 769.2 | 688.6 | 608.3 | 551.0 | 478.6 | 419.7 | 371.7 | 343.5 |
| 37.5° | 1270.2 | 1131.8 | 1052.4 | 930.9 | 829.4 | 746.4 | 673.0 | 580.9 | 486.2 | 447.2 | 412.1 |
| 35° | 1639.3 | 1475.5 | 1382.7 | 1234.8 | 1029.4 | 956.0 | 860.4 | 722.5 | 602.7 | 535.8 | 492.5 |
| 32.5° | 2301.5 | 2056.7 | 1885.8 | 1688.4 | 1416.5 | 1223.1 | 1096.0 | 942.7 | 750.7 | 654.5 | 582.7 |
| 30° | 2974.2 | 2643.1 | 2403.7 | 2203.2 | 1841.9 | 1556.9 | 1360.8 | 1143.7 | 936.8 | 780.5 | 683.1 |
| 27.5° | 3429.7 | 3104.5 | 2806.3 | 2518.4 | 2225.7 | 1894.7 | 1601.0 | 1322.4 | 1096.2 | 921.3 | 795.4 |
| 25° | 3829.5 | 3461.6 | 3125.8 | 2813.8 | 2501.1 | 2179.4 | 1823.7 | 1510.6 | 1245.0 | 1044.9 | 880.7 |
| 22.5° | 4225.3 | 3834.0 | 3453.5 | 3090.6 | 2773.3 | 2429.1 | 2053.3 | 1693.1 | 1387.9 | 1180.7 | 983.3 |
| 20° | 4674.0 | 4223.5 | 3784.2 | 3441.1 | 3079.8 | 2687.2 | 2269.3 | 1925.8 | 1626.8 | 1342.9 | 1095.5 |
| 17.5° | 5316.1 | 4714.0 | 4310.5 | 3924.0 | 3454.6 | 2974.9 | 2612.0 | 2251.9 | 1883.8 | 1514.3 | 1213.2 |
| 15° | 6185.8 | 5563.9 | 5101.6 | 4572.0 | 3927.4 | 3432.0 | 3033.0 | 2595.7 | 2159.6 | 1717.2 | 1353.4 |
| 12.5° | 7220.0 | 6465.4 | 5920.8 | 5166.8 | 4441.4 | 3905.6 | 3454.3 | 2964.8 | 2429.1 | 1900.5 | 1483.7 |
| 10° | 7870.7 | 7057.3 | 6281.8 | 5557.7 | 4895.6 | 4343.8 | 3777.2 | 3179.4 | 2583.6 | 2038.9 | 1596.4 |
| 7.5° | 8216.3 | 7349.4 | 6549.1 | 5825.1 | 5149.6 | 4510.8 | 3907.2 | 3305.3 | 2707.9 | 2147.0 | 1691.7 |
| 5° | 8446.1 | 7566.3 | 6730.5 | 5956.5 | 5265.8 | 4622.8 | 4004.4 | 3390.5 | 2801.4 | 2226.6 | 1769.6 |
| 2.5° | 8615.6 | 7707.5 | 6846.9 | 6032.8 | 5330.6 | 4690.4 | 4066.1 | 3440.2 | 2850.1 | 2269.4 | 1796.8 |
| 0° | 8699.5 | 7752.1 | 6889.5 | 6083.7 | 5360.6 | 4705.0 | 4089.8 | 3458.2 | 2861.3 | 2287.5 | 1808.1 |
| -2.5° | 8682.7 | 7723.9 | 6853.2 | 6082.1 | 5362.6 | 4691.4 | 4093.0 | 3468.0 | 2864.4 | 2301.1 | 1816.1 |
| -5° | 8593.4 | 7675.7 | 6811.6 | 6039.4 | 5330.9 | 4659.0 | 4060.9 | 3446.8 | 2842.0 | 2290.3 | 1808.4 |
| -7.5° | 8412.4 | 7531.1 | 6692.9 | 5941.6 | 5249.2 | 4592.3 | 3995.8 | 3394.8 | 2796.5 | 2252.9 | 1785.9 |
| -10° | 8140.4 | 7300.0 | 6502.8 | 5791.9 | 5117.3 | 4483.1 | 3899.1 | 3306.8 | 2721.4 | 2191.6 | 1746.8 |
| -12.5° | 7803.7 | 7010.2 | 6250.1 | 5588.4 | 4944.4 | 4338.7 | 3768.3 | 3182.9 | 2617.0 | 2106.4 | 1691.0 |
| -15° | 7392.2 | 6680.0 | 5992.7 | 5351.0 | 4741.9 | 4155.4 | 3598.3 | 3028.4 | 2484.2 | 1996.6 | 1618.6 |
| -17.5° | 6974.8 | 6313.8 | 5668.9 | 5060.0 | 4495.4 | 3938.4 | 3398.1 | 2856.8 | 2336.1 | 1878.3 | 1533.9 |
| -20° | 6510.3 | 5899.8 | 5303.3 | 4750.8 | 4224.5 | 3695.5 | 3174.8 | 2654.3 | 2166.4 | 1767.5 | 1458.9 |



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6006.0 | 5460.8 | 4920.7 | 4422.6 | 3930.0 | 3422.9 | 2924.6 | 2433.2 | 1970.4 | 1643.3 | 1373.8 |
| -25° | 5495.5 | 5000.3 | 4516.3 | 4057.8 | 3596.0 | 3117.1 | 2656.7 | 2208.1 | 1825.4 | 1526.0 | 1282.0 |
| -27.5° | 4983.0 | 4534.6 | 4088.0 | 3664.2 | 3229.4 | 2807.5 | 2386.8 | 1980.1 | 1668.5 | 1413.9 | 1196.4 |
| -30° | 4476.3 | 4071.2 | 3662.5 | 3257.8 | 2864.4 | 2479.2 | 2103.0 | 1795.0 | 1524.1 | 1294.0 | 1100.7 |
| -32.5° | 3954.3 | 3601.9 | 3229.5 | 2850.2 | 2493.1 | 2153.0 | 1867.2 | 1607.6 | 1373.4 | 1183.7 | 1015.4 |
| -35° | 3446.7 | 3122.5 | 2779.9 | 2454.0 | 2137.9 | 1883.2 | 1641.2 | 1428.8 | 1241.6 | 1073.6 | 930.4 |
| -37.5° | 2928.4 | 2635.9 | 2352.6 | 2079.4 | 1853.7 | 1638.3 | 1446.9 | 1273.5 | 1111.8 | 978.0 | 854.8 |
| -40° | 2440.1 | 2185.4 | 1981.9 | 1780.8 | 1601.9 | 1429.8 | 1278.7 | 1129.8 | 1004.8 | 887.1 | 781.1 |
| -42.5° | 2022.1 | 1843.3 | 1679.7 | 1528.0 | 1381.2 | 1254.2 | 1126.6 | 1010.7 | 901.6 | 803.1 | 715.0 |
| -45° | 1684.1 | 1556.3 | 1423.2 | 1311.9 | 1198.6 | 1097.2 | 995.4 | 899.9 | 808.3 | 727.8 | 649.7 |
| -47.5° | 1416.4 | 1321.3 | 1221.1 | 1131.7 | 1046.9 | 960.0 | 880.6 | 798.3 | 727.3 | 655.7 | 590.5 |
| -50° | 1197.9 | 1127.6 | 1054.3 | 982.0 | 915.3 | 844.4 | 778.6 | 713.9 | 651.4 | 591.9 | 532.6 |
| -52.5° | 1017.8 | 967.0 | 912.7 | 855.2 | 802.1 | 746.9 | 689.4 | 637.3 | 583.4 | 531.0 | 479.2 |
| -55° | 875.1 | 834.5 | 793.4 | 749.9 | 705.5 | 660.3 | 613.3 | 566.5 | 520.2 | 472.5 | 433.4 |
| -57.5° | 757.8 | 723.7 | 691.0 | 656.4 | 620.2 | 581.9 | 541.9 | 500.1 | 462.2 | 426.2 | 390.7 |
| -60° | 655.1 | 626.4 | 600.2 | 572.4 | 542.8 | 509.6 | 477.0 | 444.1 | 411.3 | 380.0 | 349.5 |
| -62.5° | 562.3 | 541.9 | 518.3 | 494.6 | 471.3 | 446.8 | 417.5 | 388.5 | 360.7 | 333.8 | 308.7 |
| -65° | 472.3 | 454.9 | 436.7 | 419.7 | 401.0 | 380.1 | 355.3 | 332.6 | 310.8 | 288.7 | 267.9 |
| -67.5° | 392.7 | 379.3 | 364.6 | 349.5 | 334.6 | 317.9 | 299.7 | 280.9 | 263.3 | 245.2 | 229.7 |
| -70° | 327.1 | 317.3 | 305.9 | 292.5 | 278.9 | 265.3 | 251.3 | 236.5 | 220.6 | 204.3 | 191.8 |
| -72.5° | 272.4 | 265.3 | 256.4 | 245.2 | 233.2 | 221.2 | 208.8 | 195.7 | 181.7 | 166.6 | 154.6 |
| -75° | 225.0 | 219.7 | 212.9 | 203.0 | 192.4 | 181.2 | 170.3 | 158.4 | 144.7 | 129.2 | 117.1 |
| -77.5° | 180.8 | 177.4 | 173.1 | 164.9 | 156.7 | 148.4 | 138.8 | 124.8 | 111.0 | 97.8 | 88.8 |
| -80° | 135.6 | 134.1 | 131.5 | 124.7 | 117.7 | 110.7 | 103.0 | 92.4 | 82.2 | 72.7 | 65.4 |
| -82.5° | 89.4 | 87.8 | 85.6 | 81.5 | 77.4 | 73.6 | 69.6 | 62.4 | 55.4 | 48.6 | 42.6 |
| -85° | 45.3 | 44.0 | 42.6 | 41.9 | 41.1 | 40.2 | 39.0 | 34.9 | 31.0 | 27.2 | 23.9 |
| -87.5° | 13.1 | 13.1 | 13.1 | 13.2 | 13.3 | 13.4 | 13.4 | 12.4 | 11.4 | 10.5 | 9.6 |
| -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: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-WR-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° | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 |
| 85° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 | 0.6 |
| 82.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 |
| 80° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 77.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 72.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 70° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 |
| 67.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.3 | 1.0 | 1.0 |
| 65° | 1.0 | 1.0 | 1.1 | 1.5 | 1.4 | 1.0 | 1.0 | 1.9 | 1.6 | 1.4 | 1.0 |
| 62.5° | 1.9 | 1.0 | 2.5 | 3.4 | 2.2 | 1.8 | 1.4 | 4.0 | 2.6 | 1.9 | 1.3 |
| 60° | 4.4 | 3.6 | 6.7 | 10.3 | 7.4 | 2.9 | 4.3 | 6.9 | 6.4 | 2.3 | 1.8 |
| 57.5° | 22.3 | 10.1 | 15.0 | 19.6 | 18.7 | 10.5 | 8.5 | 11.8 | 10.7 | 6.3 | 2.5 |
| 55° | 46.2 | 39.3 | 31.3 | 31.1 | 31.5 | 24.9 | 17.7 | 18.3 | 16.2 | 11.5 | 3.7 |
| 52.5° | 70.2 | 68.1 | 60.6 | 49.4 | 45.4 | 41.0 | 33.6 | 25.9 | 24.1 | 17.2 | 9.1 |
| 50° | 100.1 | 94.7 | 88.8 | 77.3 | 62.6 | 56.9 | 49.2 | 39.6 | 32.7 | 24.0 | 15.0 |
| 47.5° | 134.3 | 124.8 | 115.9 | 104.8 | 88.8 | 73.7 | 65.1 | 53.7 | 42.3 | 33.0 | 21.0 |
| 45° | 187.7 | 156.8 | 144.7 | 131.8 | 115.3 | 96.5 | 81.6 | 67.6 | 54.8 | 42.0 | 27.0 |
| 42.5° | 242.6 | 199.5 | 174.2 | 159.6 | 142.4 | 121.2 | 98.8 | 83.1 | 67.1 | 51.0 | 34.1 |
| 40° | 297.8 | 244.4 | 206.1 | 188.0 | 170.4 | 145.8 | 120.7 | 99.2 | 79.1 | 60.3 | 41.9 |
| 37.5° | 357.4 | 294.7 | 242.9 | 217.4 | 198.9 | 172.3 | 143.0 | 115.7 | 91.5 | 70.4 | 49.6 |
| 35° | 431.6 | 354.3 | 283.0 | 251.4 | 226.6 | 199.3 | 165.0 | 133.7 | 106.3 | 80.5 | 57.1 |
| 32.5° | 515.0 | 420.1 | 340.3 | 288.5 | 254.7 | 226.8 | 188.5 | 153.9 | 121.5 | 90.7 | 64.6 |
| 30° | 598.0 | 487.9 | 394.8 | 325.3 | 284.7 | 252.6 | 213.5 | 174.3 | 137.0 | 100.8 | 72.1 |
| 27.5° | 661.4 | 546.4 | 445.7 | 369.5 | 317.8 | 278.3 | 238.4 | 194.7 | 152.8 | 112.0 | 80.4 |
| 25° | 726.1 | 600.5 | 495.2 | 412.7 | 350.3 | 304.4 | 262.3 | 215.2 | 169.5 | 124.8 | 88.5 |
| 22.5° | 801.7 | 652.0 | 536.9 | 451.7 | 384.7 | 331.0 | 285.2 | 235.9 | 186.5 | 137.5 | 96.4 |
| 20° | 875.6 | 699.4 | 575.3 | 497.3 | 422.3 | 360.7 | 307.6 | 255.6 | 203.2 | 150.0 | 104.0 |
| 17.5° | 951.4 | 766.0 | 639.0 | 544.5 | 461.1 | 390.0 | 329.7 | 274.3 | 219.3 | 162.2 | 111.3 |
| 15° | 1065.6 | 855.0 | 703.2 | 591.1 | 498.6 | 418.7 | 351.4 | 292.0 | 234.8 | 174.0 | 117.8 |
| 12.5° | 1173.2 | 938.8 | 765.5 | 636.6 | 534.7 | 446.6 | 372.5 | 308.5 | 249.7 | 183.7 | 123.2 |
| 10° | 1268.4 | 1016.7 | 825.2 | 680.6 | 568.9 | 473.3 | 392.6 | 321.5 | 258.5 | 191.5 | 128.1 |
| 7.5° | 1351.2 | 1088.3 | 881.5 | 722.3 | 598.1 | 491.4 | 402.9 | 328.2 | 265.2 | 198.4 | 132.3 |
| 5° | 1414.5 | 1137.0 | 912.5 | 739.0 | 609.0 | 499.7 | 410.2 | 333.7 | 270.5 | 204.3 | 136.0 |
| 2.5° | 1435.4 | 1153.2 | 924.7 | 748.4 | 617.0 | 505.7 | 415.9 | 337.9 | 274.5 | 209.1 | 139.1 |
| 0° | 1445.1 | 1161.1 | 931.0 | 753.8 | 621.9 | 509.3 | 419.8 | 340.8 | 277.3 | 212.8 | 141.5 |
| -2.5° | 1455.7 | 1171.8 | 939.8 | 762.2 | 627.1 | 514.3 | 423.9 | 345.3 | 281.3 | 217.0 | 145.6 |
| -5° | 1455.0 | 1173.8 | 942.7 | 766.3 | 629.1 | 517.0 | 426.3 | 348.6 | 284.2 | 220.0 | 149.0 |
| -7.5° | 1439.6 | 1164.7 | 939.1 | 765.5 | 628.0 | 517.3 | 426.9 | 350.5 | 285.9 | 221.9 | 151.7 |
| -10° | 1412.1 | 1145.8 | 928.5 | 758.5 | 623.9 | 515.0 | 425.9 | 351.0 | 286.7 | 222.8 | 153.6 |
| -12.5° | 1373.3 | 1118.9 | 911.5 | 747.2 | 616.5 | 510.2 | 422.7 | 349.4 | 286.2 | 222.5 | 154.7 |
| -15° | 1323.5 | 1084.3 | 888.0 | 731.5 | 605.8 | 503.0 | 417.8 | 346.0 | 283.7 | 220.9 | 154.9 |
| -17.5° | 1263.3 | 1042.3 | 858.0 | 711.5 | 591.7 | 493.5 | 410.9 | 341.3 | 280.3 | 218.0 | 154.6 |
| -20° | 1207.5 | 998.0 | 823.4 | 687.2 | 574.4 | 481.6 | 402.1 | 335.3 | 276.1 | 214.4 | 153.9 |

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

Scaled Data Report



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1145.0 | 952.0 | 792.7 | 663.9 | 556.0 | 467.5 | 391.5 | 328.0 | 271.1 | 210.2 | 152.5 |
| -25° | 1073.6 | 899.9 | 757.6 | 638.0 | 538.1 | 454.0 | 380.5 | 319.5 | 265.3 | 205.4 | 150.5 |
| -27.5° | 1006.4 | 846.2 | 718.3 | 608.1 | 517.5 | 438.4 | 369.7 | 311.6 | 258.7 | 200.0 | 147.8 |
| -30° | 937.8 | 799.4 | 680.7 | 576.8 | 494.7 | 421.0 | 357.5 | 303.1 | 251.1 | 195.3 | 144.5 |
| -32.5° | 868.1 | 748.4 | 640.3 | 549.7 | 472.6 | 402.4 | 344.2 | 294.0 | 243.3 | 190.7 | 141.8 |
| -35° | 808.3 | 698.3 | 597.0 | 520.5 | 450.0 | 386.4 | 330.9 | 284.4 | 235.2 | 185.4 | 138.9 |
| -37.5° | 744.6 | 647.3 | 563.3 | 491.6 | 425.8 | 369.1 | 318.2 | 273.0 | 226.9 | 179.5 | 135.3 |
| -40° | 687.5 | 599.8 | 527.0 | 463.5 | 404.0 | 350.3 | 304.0 | 260.9 | 219.1 | 173.0 | 131.1 |
| -42.5° | 629.4 | 556.7 | 491.6 | 433.4 | 382.0 | 333.1 | 288.6 | 248.0 | 209.0 | 167.0 | 126.3 |
| -45° | 578.5 | 512.5 | 455.0 | 406.0 | 359.1 | 314.3 | 273.5 | 234.6 | 198.2 | 160.8 | 121.3 |
| -47.5° | 525.9 | 469.9 | 420.8 | 377.4 | 336.6 | 294.9 | 257.6 | 222.2 | 187.0 | 153.9 | 116.2 |
| -50° | 476.8 | 429.5 | 388.7 | 349.8 | 311.7 | 276.7 | 241.7 | 209.4 | 176.8 | 144.9 | 110.5 |
| -52.5° | 433.2 | 393.8 | 357.5 | 322.0 | 289.3 | 257.7 | 227.4 | 196.4 | 166.2 | 135.9 | 104.1 |
| -55° | 394.7 | 359.5 | 326.8 | 296.2 | 266.9 | 240.7 | 212.8 | 184.1 | 155.1 | 126.6 | 97.4 |
| -57.5° | 357.8 | 326.1 | 298.3 | 271.0 | 246.1 | 223.3 | 198.6 | 171.4 | 144.0 | 116.8 | 91.3 |
| -60° | 320.6 | 295.1 | 270.4 | 247.6 | 226.0 | 205.3 | 184.3 | 158.4 | 132.4 | 106.8 | 84.1 |
| -62.5° | 285.0 | 263.6 | 244.7 | 224.6 | 204.8 | 186.6 | 169.5 | 144.9 | 120.4 | 96.9 | 76.0 |
| -65° | 250.1 | 233.8 | 218.5 | 199.6 | 182.3 | 167.1 | 153.0 | 130.9 | 107.7 | 86.4 | 67.5 |
| -67.5° | 215.6 | 202.1 | 188.4 | 173.1 | 160.3 | 147.9 | 135.4 | 115.3 | 94.2 | 75.2 | 59.0 |
| -70° | 180.7 | 169.3 | 159.5 | 149.7 | 139.1 | 128.2 | 115.7 | 98.6 | 80.1 | 64.7 | 50.2 |
| -72.5° | 146.5 | 139.5 | 133.6 | 126.8 | 117.8 | 107.4 | 95.7 | 81.7 | 67.4 | 53.9 | 41.1 |
| -75° | 112.8 | 111.4 | 109.6 | 105.2 | 96.5 | 86.8 | 77.4 | 66.7 | 54.4 | 42.7 | 33.5 |
| -77.5° | 88.9 | 88.3 | 87.0 | 83.9 | 76.4 | 68.5 | 60.3 | 51.3 | 41.9 | 33.9 | 26.3 |
| -80° | 65.8 | 65.7 | 65.2 | 63.3 | 56.8 | 50.1 | 44.4 | 38.6 | 31.8 | 25.2 | 19.0 |
| -82.5° | 43.3 | 43.9 | 44.2 | 43.6 | 39.3 | 35.0 | 30.9 | 26.8 | 21.5 | 16.4 | 12.7 |
| -85° | 24.7 | 25.2 | 25.3 | 25.0 | 22.3 | 19.7 | 18.0 | 16.2 | 13.4 | 10.8 | 8.5 |
| -87.5° | 10.3 | 10.8 | 11.3 | 11.6 | 10.7 | 9.9 | 9.0 | 8.1 | 6.7 | 5.4 | 4.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-WR-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° | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 85° | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 |
| 82.5° | 0.8 | 0.6 | 0.5 | 0.4 | 0.3 | 0.1 | 0.0 |
| 80° | 1.0 | 0.9 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| 77.5° | 1.0 | 1.0 | 0.9 | 0.6 | 0.4 | 0.2 | 0.0 |
| 75° | 1.0 | 1.0 | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 |
| 72.5° | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.3 | 0.0 |
| 70° | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.3 | 0.0 |
| 67.5° | 1.1 | 1.0 | 1.0 | 1.0 | 0.8 | 0.4 | 0.0 |
| 65° | 1.2 | 1.1 | 1.0 | 1.0 | 0.8 | 0.4 | 0.0 |
| 62.5° | 1.4 | 1.3 | 1.0 | 1.0 | 0.9 | 0.5 | 0.0 |
| 60° | 1.5 | 1.6 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 |
| 57.5° | 2.6 | 1.9 | 1.3 | 1.0 | 1.0 | 0.5 | 0.0 |
| 55° | 4.0 | 2.2 | 1.6 | 1.0 | 1.0 | 0.6 | 0.0 |
| 52.5° | 5.6 | 2.7 | 1.9 | 1.0 | 1.0 | 0.6 | 0.0 |
| 50° | 7.4 | 4.4 | 2.2 | 1.0 | 1.1 | 0.6 | 0.0 |
| 47.5° | 9.8 | 6.2 | 2.5 | 1.1 | 1.1 | 0.7 | 0.0 |
| 45° | 15.0 | 8.0 | 2.9 | 1.3 | 1.1 | 0.7 | 0.0 |
| 42.5° | 20.2 | 10.0 | 3.2 | 1.6 | 1.1 | 0.7 | 0.0 |
| 40° | 25.4 | 12.2 | 4.2 | 1.9 | 1.2 | 0.8 | 0.0 |
| 37.5° | 30.5 | 14.4 | 5.9 | 2.4 | 1.2 | 0.8 | 0.0 |
| 35° | 35.6 | 17.8 | 7.6 | 2.8 | 1.2 | 0.8 | 0.0 |
| 32.5° | 41.0 | 21.9 | 9.3 | 3.3 | 1.3 | 0.8 | 0.0 |
| 30° | 47.0 | 25.8 | 10.9 | 3.8 | 1.3 | 0.9 | 0.0 |
| 27.5° | 52.8 | 29.6 | 12.9 | 4.3 | 1.4 | 0.9 | 0.0 |
| 25° | 58.4 | 33.2 | 14.8 | 4.9 | 1.4 | 0.9 | 0.0 |
| 22.5° | 63.8 | 36.8 | 16.7 | 5.5 | 1.5 | 0.9 | 0.0 |
| 20° | 69.0 | 40.2 | 18.5 | 6.1 | 1.5 | 0.9 | 0.0 |
| 17.5° | 73.7 | 43.5 | 20.3 | 6.7 | 1.6 | 1.0 | 0.0 |
| 15° | 78.1 | 46.5 | 21.9 | 7.3 | 1.6 | 1.0 | 0.0 |
| 12.5° | 82.1 | 49.4 | 23.5 | 7.9 | 1.7 | 1.0 | 0.0 |
| 10° | 85.7 | 51.9 | 25.0 | 8.5 | 1.7 | 1.0 | 0.0 |
| 7.5° | 89.0 | 54.3 | 26.4 | 9.1 | 1.8 | 1.0 | 0.0 |
| 5° | 91.8 | 56.4 | 27.7 | 9.6 | 1.8 | 1.0 | 0.0 |
| 2.5° | 94.3 | 58.2 | 28.8 | 10.1 | 1.9 | 1.0 | 0.0 |
| 0° | 96.3 | 59.7 | 29.8 | 10.6 | 1.9 | 1.0 | 0.0 |
| -2.5° | 98.9 | 61.6 | 31.2 | 11.3 | 2.2 | 1.1 | 0.0 |
| -5° | 101.1 | 63.2 | 32.4 | 11.9 | 2.5 | 1.1 | 0.0 |
| -7.5° | 102.8 | 64.4 | 33.4 | 12.4 | 2.8 | 1.2 | 0.0 |
| -10° | 104.0 | 65.4 | 34.2 | 12.9 | 3.0 | 1.2 | 0.0 |
| -12.5° | 104.8 | 66.0 | 34.9 | 13.3 | 3.3 | 1.3 | 0.0 |
| -15° | 105.0 | 66.3 | 35.3 | 13.7 | 3.5 | 1.3 | 0.0 |
| -17.5° | 104.7 | 66.3 | 35.5 | 14.0 | 3.8 | 1.4 | 0.0 |
| -20° | 104.4 | 65.9 | 35.5 | 14.1 | 4.0 | 1.4 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P627312 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 104.4 | 65.2 | 35.2 | 14.2 | 4.1 | 1.4 | 0.0 |
| -25° | 104.0 | 65.0 | 34.7 | 14.2 | 4.3 | 1.5 | 0.0 |
| -27.5° | 103.0 | 64.7 | 33.9 | 14.1 | 4.4 | 1.5 | 0.0 |
| -30° | 101.4 | 64.0 | 32.9 | 13.9 | 4.5 | 1.5 | 0.0 |
| -32.5° | 99.4 | 62.9 | 32.5 | 13.6 | 4.6 | 1.5 | 0.0 |
| -35° | 97.5 | 61.4 | 31.8 | 13.2 | 4.7 | 1.5 | 0.0 |
| -37.5° | 95.2 | 59.7 | 30.8 | 12.7 | 4.7 | 1.5 | 0.0 |
| -40° | 92.5 | 58.3 | 29.6 | 12.1 | 4.7 | 1.5 | 0.0 |
| -42.5° | 89.2 | 56.5 | 28.7 | 11.6 | 4.6 | 1.5 | 0.0 |
| -45° | 85.4 | 54.3 | 28.2 | 11.1 | 4.6 | 1.4 | 0.0 |
| -47.5° | 81.1 | 51.7 | 27.3 | 10.5 | 4.5 | 1.4 | 0.0 |
| -50° | 77.3 | 48.8 | 26.2 | 10.3 | 4.3 | 1.4 | 0.0 |
| -52.5° | 73.3 | 45.5 | 24.8 | 10.2 | 4.2 | 1.3 | 0.0 |
| -55° | 68.8 | 42.8 | 23.0 | 9.9 | 4.0 | 1.3 | 0.0 |
| -57.5° | 63.8 | 39.9 | 21.1 | 9.5 | 3.8 | 1.2 | 0.0 |
| -60° | 58.5 | 36.6 | 18.9 | 9.0 | 3.5 | 1.1 | 0.0 |
| -62.5° | 53.4 | 32.9 | 17.6 | 8.4 | 3.3 | 1.1 | 0.0 |
| -65° | 47.8 | 28.9 | 16.1 | 7.6 | 3.1 | 1.0 | 0.0 |
| -67.5° | 41.7 | 25.3 | 14.4 | 6.8 | 2.8 | 0.9 | 0.0 |
| -70° | 35.1 | 22.2 | 12.5 | 5.9 | 2.5 | 0.8 | 0.0 |
| -72.5° | 29.9 | 18.8 | 10.5 | 5.2 | 2.3 | 0.7 | 0.0 |
| -75° | 24.5 | 15.3 | 8.3 | 4.5 | 2.0 | 0.6 | 0.0 |
| -77.5° | 18.9 | 11.5 | 6.9 | 3.8 | 1.7 | 0.5 | 0.0 |
| -80° | 13.0 | 8.8 | 5.6 | 3.1 | 1.3 | 0.4 | 0.0 |
| -82.5° | 9.6 | 6.6 | 4.2 | 2.3 | 1.0 | 0.3 | 0.0 |
| -85° | 6.4 | 4.5 | 2.8 | 1.6 | 0.7 | 0.2 | 0.0 |
| -87.5° | 3.2 | 2.2 | 1.4 | 0.8 | 0.3 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)