

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: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627452 (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-SA4D-730-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

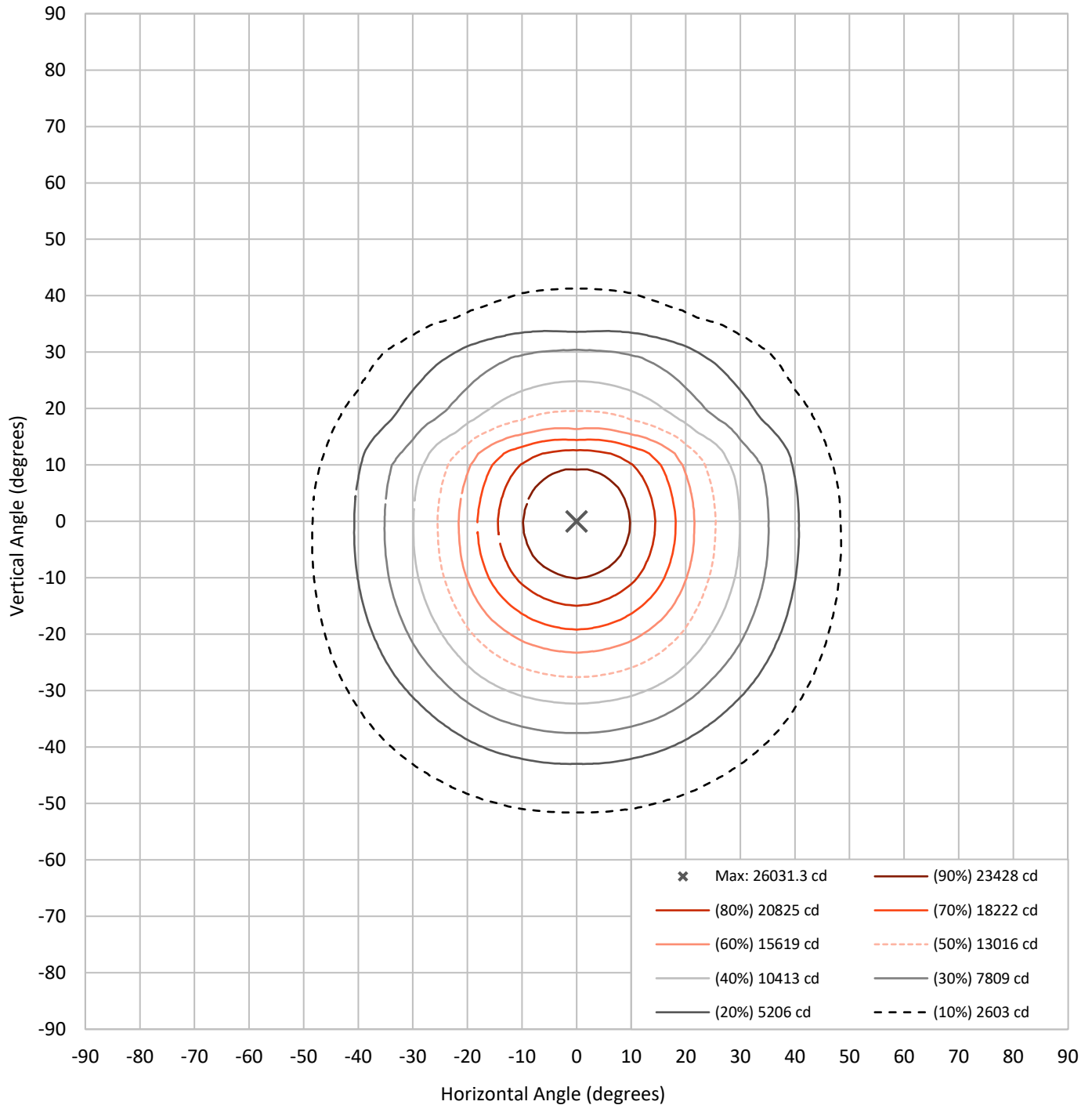
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 22965.3 lumens | Max Intensity: | 26031.3 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 103.7 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: | 11056.7 lumens | Field Lumens: | 20561.7 lumens |
| Beam Efficiency: | 48.1% | Field Efficiency: | 89.5% |
| Input Watts (W): | 221.4 | | |
| 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: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-730-U-WR-VSR-XX

Iso-Candela Plot





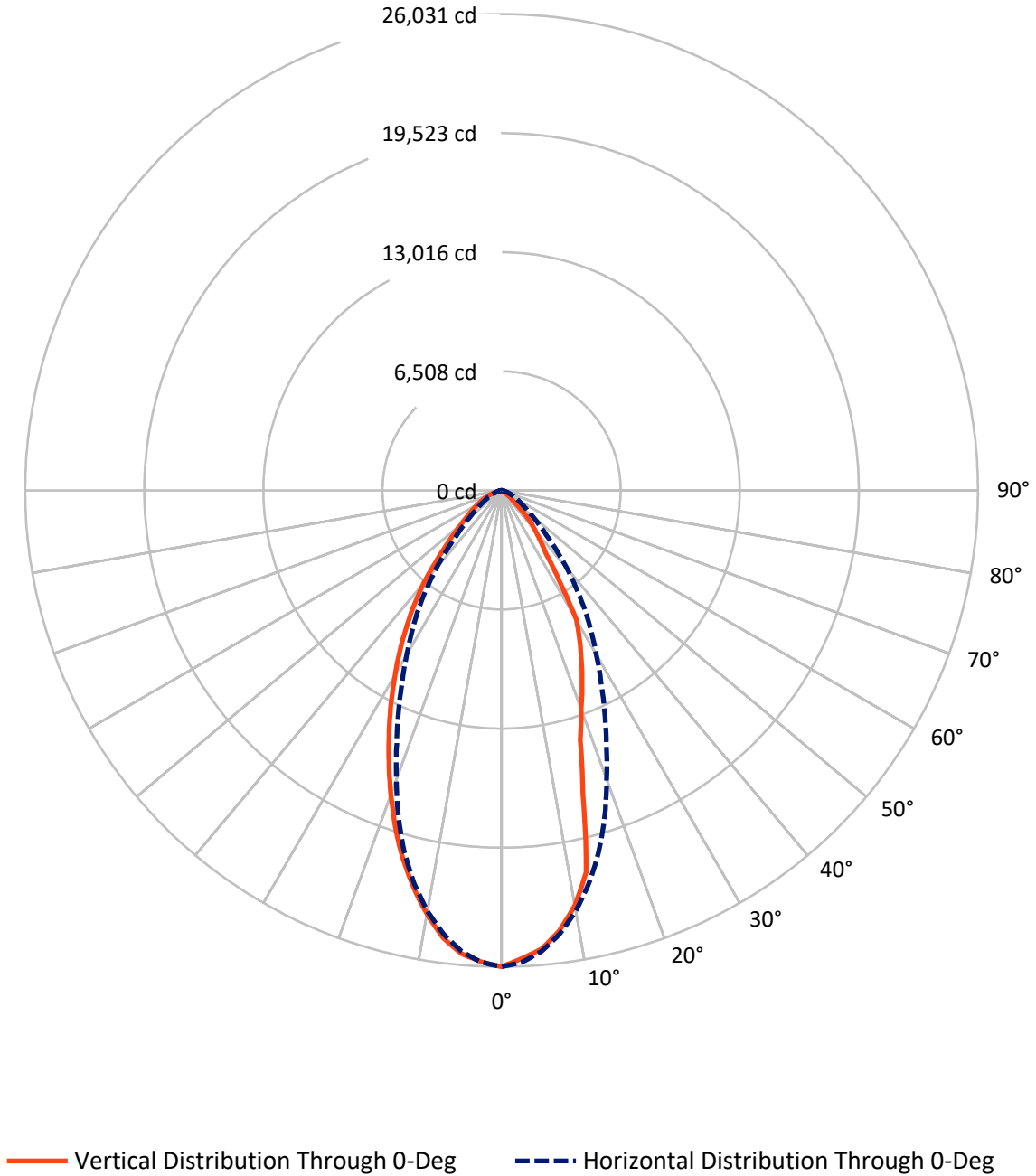
REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|----|----|----|
| 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 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | | | |
| 50 | | 0.5 | 1.2 | 2.2 | 3.6 | 5.3 | 7.2 | 8.1 | 8.1 | 7.2 | 5.3 | 3.6 | 2.2 | 1.2 | 0.5 | | | | |
| 40 | 1.0 | 1.8 | 4.5 | 9.3 | 17.1 | 28.0 | 40.5 | 49.6 | 49.6 | 40.5 | 28.0 | 17.1 | 9.3 | 4.5 | 1.8 | 1.0 | | | |
| 30 | | 3.5 | 9.0 | 20.8 | 42.9 | 78.8 | 120.5 | 144.8 | 144.8 | 120.5 | 78.8 | 42.9 | 20.8 | 9.0 | 3.5 | | | | |
| 20 | 2.5 | 5.5 | 14.6 | 37.7 | 89.2 | 167.5 | 254.9 | 307.2 | 307.2 | 254.9 | 167.5 | 89.2 | 37.7 | 14.6 | 5.5 | 2.5 | | | |
| 10 | | 7.4 | 20.7 | 59.1 | 146.7 | 271.4 | 424.1 | 524.3 | 524.3 | 424.1 | 271.4 | 146.7 | 59.1 | 20.7 | 7.4 | | | | |
| 0 | 3.6 | 8.7 | 26.0 | 76.5 | 192.7 | 359.2 | 576.7 | 731.2 | 731.2 | 576.7 | 359.2 | 192.7 | 76.5 | 26.0 | 8.7 | 3.6 | | | |
| -10 | | 9.0 | 27.1 | 78.9 | 195.5 | 364.4 | 582.6 | 735.8 | 735.8 | 582.6 | 364.4 | 195.5 | 78.9 | 27.1 | 9.0 | | | | |
| -20 | 3.8 | 8.9 | 25.7 | 70.3 | 173.2 | 320.0 | 493.2 | 608.6 | 608.6 | 493.2 | 320.0 | 173.2 | 70.3 | 25.7 | 8.9 | 3.8 | | | |
| -30 | | 8.2 | 22.2 | 55.0 | 129.2 | 241.2 | 359.5 | 431.1 | 431.1 | 359.5 | 241.2 | 129.2 | 55.0 | 22.2 | 8.2 | | | | |
| -40 | 3.2 | 7.2 | 18.0 | 39.8 | 81.4 | 149.6 | 225.8 | 268.8 | 268.8 | 225.8 | 149.6 | 81.4 | 39.8 | 18.0 | 7.2 | 3.2 | | | |
| -50 | | 6.0 | 13.9 | 27.5 | 48.9 | 78.3 | 112.4 | 133.7 | 133.7 | 112.4 | 78.3 | 48.9 | 27.5 | 13.9 | 6.0 | | | | |
| -60 | 2.0 | 4.6 | 10.1 | 18.3 | 29.9 | 42.9 | 55.5 | 62.8 | 62.8 | 55.5 | 42.9 | 29.9 | 18.3 | 10.1 | 4.6 | 2.0 | | | |
| -70 | | 3.3 | 6.8 | 11.3 | 17.3 | 23.6 | 28.9 | 31.5 | 31.5 | 28.9 | 23.6 | 17.3 | 11.3 | 6.8 | 3.3 | | | | |
| -80 | | | | | | | | | | | | | | | | | | | |
| -90 | 0.5 | 6.5 | | 16.8 | | 30.2 | | 27.5 | | 30.2 | | 16.8 | | 6.5 | | 0.5 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

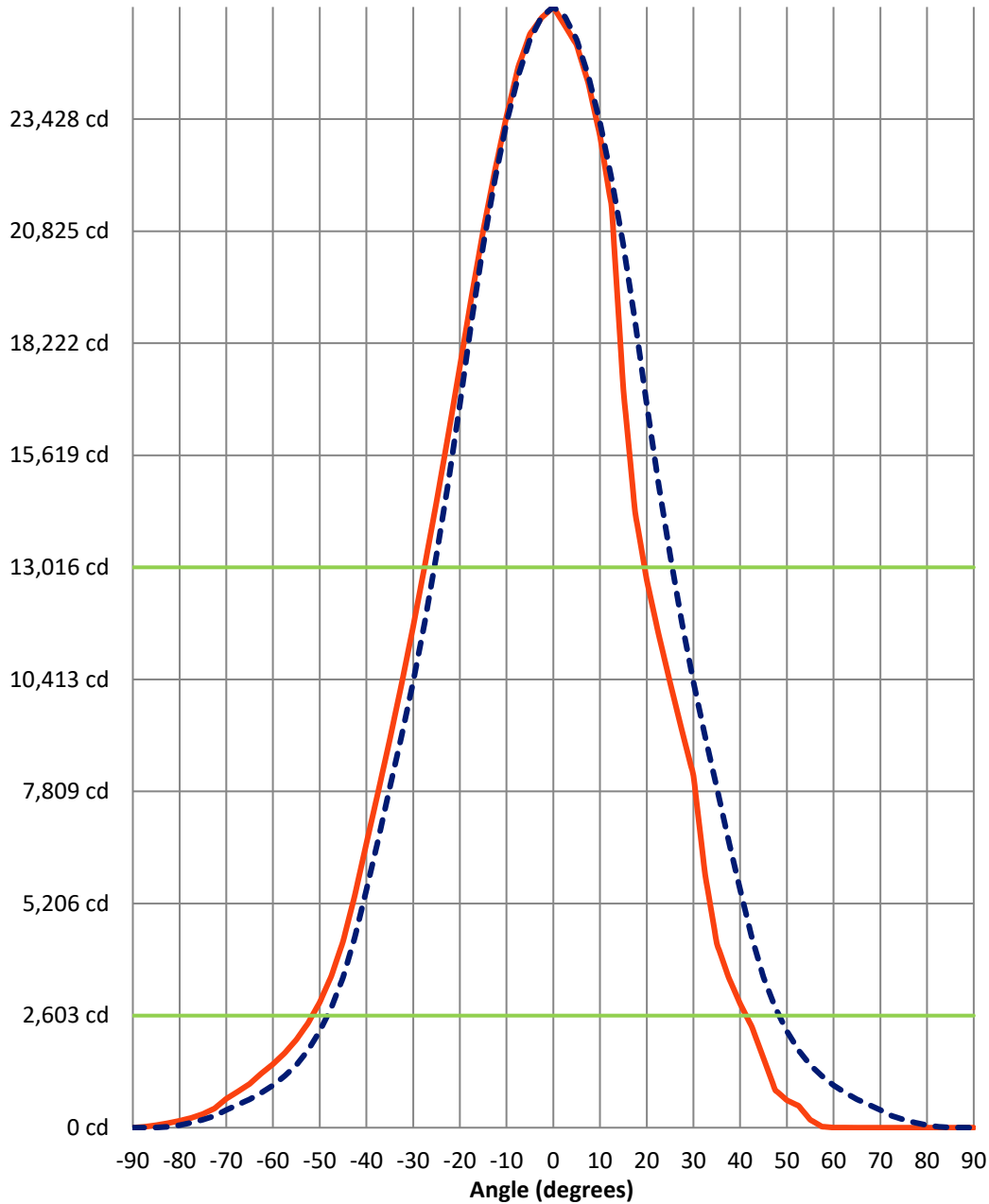
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CATALOG NUMBER: GFLD-SA4D-730-U-WR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 11056.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 20561.7
 Efficiency: 89.5%

Spill:
 Lumens: 2403.5
 Efficiency: 10.5%

- 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 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.7 | 0.8 |
| 85° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.8 | 1.0 | 1.1 | 1.3 | 1.5 | 1.6 |
| 82.5° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 1.9 | 1.9 | 1.9 |
| 80° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 77.5° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 75° | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 72.5° | 0.0 | 0.6 | 1.1 | 1.7 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 70° | 0.0 | 0.6 | 1.3 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.1 |
| 67.5° | 0.0 | 0.7 | 1.5 | 1.9 | 1.9 | 1.9 | 2.1 | 1.9 | 1.9 | 2.5 | 2.4 |
| 65° | 0.0 | 0.8 | 1.6 | 1.9 | 1.9 | 2.1 | 2.3 | 1.9 | 2.7 | 3.1 | 3.6 |
| 62.5° | 0.0 | 0.9 | 1.8 | 1.9 | 1.9 | 2.5 | 2.6 | 2.6 | 3.6 | 5.0 | 7.8 |
| 60° | 0.0 | 0.9 | 1.9 | 1.9 | 1.9 | 3.0 | 2.9 | 3.6 | 4.5 | 12.3 | 13.3 |
| 57.5° | 0.0 | 1.0 | 1.9 | 1.9 | 2.4 | 3.5 | 5.0 | 4.8 | 12.1 | 20.7 | 22.8 |
| 55° | 0.0 | 1.1 | 1.9 | 1.9 | 3.0 | 4.1 | 7.7 | 7.1 | 22.2 | 31.3 | 35.3 |
| 52.5° | 0.0 | 1.2 | 2.0 | 1.9 | 3.6 | 5.1 | 10.8 | 17.5 | 33.2 | 46.4 | 50.0 |
| 50° | 0.0 | 1.2 | 2.0 | 1.9 | 4.2 | 8.4 | 14.2 | 28.9 | 46.4 | 63.2 | 76.4 |
| 47.5° | 0.0 | 1.3 | 2.1 | 2.0 | 4.8 | 11.8 | 18.9 | 40.5 | 63.7 | 81.7 | 103.7 |
| 45° | 0.0 | 1.3 | 2.1 | 2.5 | 5.5 | 15.5 | 29.0 | 52.1 | 81.1 | 105.8 | 130.6 |
| 42.5° | 0.0 | 1.4 | 2.2 | 3.0 | 6.2 | 19.3 | 39.0 | 65.8 | 98.4 | 129.6 | 160.5 |
| 40° | 0.0 | 1.5 | 2.2 | 3.7 | 8.1 | 23.4 | 49.0 | 80.8 | 116.4 | 152.9 | 191.7 |
| 37.5° | 0.0 | 1.5 | 2.3 | 4.5 | 11.3 | 27.7 | 58.9 | 95.7 | 135.9 | 176.8 | 223.6 |
| 35° | 0.0 | 1.6 | 2.4 | 5.3 | 14.5 | 34.4 | 68.7 | 110.3 | 155.5 | 205.4 | 258.2 |
| 32.5° | 0.0 | 1.6 | 2.5 | 6.3 | 17.8 | 42.1 | 79.1 | 124.7 | 175.2 | 234.7 | 297.3 |
| 30° | 0.0 | 1.6 | 2.6 | 7.3 | 21.0 | 49.7 | 90.7 | 139.3 | 194.8 | 264.7 | 336.6 |
| 27.5° | 0.0 | 1.7 | 2.6 | 8.3 | 24.8 | 57.0 | 102.0 | 155.3 | 216.3 | 295.1 | 376.0 |
| 25° | 0.0 | 1.7 | 2.7 | 9.4 | 28.5 | 64.1 | 112.8 | 170.9 | 241.1 | 327.5 | 415.5 |
| 22.5° | 0.0 | 1.8 | 2.8 | 10.6 | 32.2 | 71.0 | 123.3 | 186.2 | 265.7 | 360.3 | 455.5 |
| 20° | 0.0 | 1.8 | 2.9 | 11.7 | 35.7 | 77.7 | 133.2 | 200.9 | 289.9 | 392.4 | 493.6 |
| 17.5° | 0.0 | 1.8 | 3.0 | 12.9 | 39.1 | 84.0 | 142.4 | 215.0 | 313.4 | 423.5 | 529.8 |
| 15° | 0.0 | 1.8 | 3.1 | 14.1 | 42.4 | 89.9 | 150.8 | 227.6 | 336.1 | 453.5 | 563.8 |
| 12.5° | 0.0 | 1.9 | 3.2 | 15.3 | 45.4 | 95.3 | 158.5 | 238.0 | 355.0 | 482.2 | 595.7 |
| 10° | 0.0 | 1.9 | 3.3 | 16.4 | 48.3 | 100.3 | 165.6 | 247.4 | 370.0 | 499.2 | 620.8 |
| 7.5° | 0.0 | 1.9 | 3.4 | 17.5 | 51.0 | 104.8 | 171.8 | 255.6 | 383.2 | 512.1 | 633.9 |
| 5° | 0.0 | 1.9 | 3.5 | 18.6 | 53.5 | 108.8 | 177.3 | 262.7 | 394.5 | 522.3 | 644.5 |
| 2.5° | 0.0 | 1.9 | 3.6 | 19.6 | 55.7 | 112.3 | 182.0 | 268.6 | 403.7 | 530.1 | 652.6 |
| 0° | 0.0 | 1.9 | 3.7 | 20.5 | 57.6 | 115.3 | 185.9 | 273.3 | 410.9 | 535.5 | 658.2 |
| -2.5° | 0.0 | 2.0 | 4.3 | 21.8 | 60.2 | 118.9 | 191.0 | 281.2 | 418.9 | 543.2 | 666.9 |
| -5° | 0.0 | 2.1 | 4.8 | 23.0 | 62.6 | 122.0 | 195.2 | 287.8 | 424.8 | 548.8 | 673.1 |
| -7.5° | 0.0 | 2.2 | 5.4 | 24.0 | 64.6 | 124.4 | 198.5 | 293.0 | 428.5 | 552.3 | 676.8 |
| -10° | 0.0 | 2.3 | 5.9 | 25.0 | 66.2 | 126.3 | 200.8 | 296.7 | 430.1 | 553.6 | 677.9 |
| -12.5° | 0.0 | 2.4 | 6.4 | 25.8 | 67.4 | 127.5 | 202.2 | 298.8 | 429.6 | 552.8 | 674.8 |
| -15° | 0.0 | 2.5 | 6.8 | 26.4 | 68.2 | 128.1 | 202.7 | 299.2 | 426.5 | 548.0 | 668.2 |
| -17.5° | 0.0 | 2.6 | 7.2 | 26.9 | 68.6 | 128.0 | 202.1 | 298.6 | 421.0 | 541.4 | 659.2 |
| -20° | 0.0 | 2.7 | 7.6 | 27.3 | 68.5 | 127.3 | 201.5 | 297.2 | 414.1 | 533.2 | 647.6 |

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Scaled Data Report



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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 | 2.7 | 8.0 | 27.4 | 68.0 | 125.9 | 201.6 | 294.5 | 406.0 | 523.5 | 633.5 |
| -25° | 0.0 | 2.8 | 8.3 | 27.4 | 67.0 | 125.5 | 200.7 | 290.6 | 396.7 | 512.4 | 617.0 |
| -27.5° | 0.0 | 2.8 | 8.5 | 27.2 | 65.4 | 124.9 | 198.8 | 285.4 | 386.3 | 499.5 | 601.8 |
| -30° | 0.0 | 2.8 | 8.7 | 26.8 | 63.5 | 123.6 | 195.9 | 279.1 | 377.2 | 485.0 | 585.4 |
| -32.5° | 0.0 | 2.8 | 8.9 | 26.3 | 62.7 | 121.5 | 191.9 | 273.9 | 368.2 | 469.9 | 567.8 |
| -35° | 0.0 | 2.8 | 9.0 | 25.5 | 61.4 | 118.6 | 188.2 | 268.1 | 358.0 | 454.2 | 549.2 |
| -37.5° | 0.0 | 2.8 | 9.0 | 24.5 | 59.5 | 115.4 | 183.9 | 261.2 | 346.6 | 438.2 | 527.3 |
| -40° | 0.0 | 2.8 | 9.0 | 23.4 | 57.2 | 112.6 | 178.6 | 253.2 | 334.1 | 423.1 | 503.9 |
| -42.5° | 0.0 | 2.8 | 8.9 | 22.3 | 55.5 | 109.0 | 172.3 | 243.9 | 322.5 | 403.7 | 479.0 |
| -45° | 0.0 | 2.7 | 8.7 | 21.4 | 54.4 | 104.8 | 165.0 | 234.3 | 310.6 | 382.8 | 453.1 |
| -47.5° | 0.0 | 2.7 | 8.5 | 20.3 | 52.7 | 99.8 | 156.6 | 224.4 | 297.2 | 361.2 | 429.1 |
| -50° | 0.0 | 2.6 | 8.3 | 19.9 | 50.5 | 94.1 | 149.3 | 213.4 | 279.8 | 341.5 | 404.4 |
| -52.5° | 0.0 | 2.5 | 7.9 | 19.6 | 47.7 | 87.8 | 141.5 | 201.1 | 262.4 | 321.0 | 379.2 |
| -55° | 0.0 | 2.4 | 7.6 | 19.1 | 44.4 | 82.7 | 132.7 | 188.0 | 244.4 | 299.6 | 355.6 |
| -57.5° | 0.0 | 2.3 | 7.1 | 18.3 | 40.6 | 77.1 | 123.2 | 176.3 | 225.6 | 278.0 | 331.1 |
| -60° | 0.0 | 2.1 | 6.7 | 17.3 | 36.4 | 70.7 | 113.0 | 162.3 | 206.2 | 255.7 | 305.8 |
| -62.5° | 0.0 | 2.0 | 6.3 | 16.1 | 33.9 | 63.6 | 103.1 | 146.7 | 187.1 | 232.4 | 279.7 |
| -65° | 0.0 | 1.9 | 5.8 | 14.7 | 31.0 | 55.8 | 92.2 | 130.4 | 166.7 | 207.9 | 252.7 |
| -67.5° | 0.0 | 1.7 | 5.3 | 13.0 | 27.7 | 48.8 | 80.4 | 113.9 | 145.3 | 182.0 | 222.7 |
| -70° | 0.0 | 1.5 | 4.8 | 11.2 | 24.1 | 42.8 | 67.8 | 96.9 | 124.9 | 154.8 | 190.4 |
| -72.5° | 0.0 | 1.4 | 4.3 | 9.9 | 20.2 | 36.4 | 57.7 | 79.4 | 104.0 | 130.2 | 157.9 |
| -75° | 0.0 | 1.2 | 3.7 | 8.7 | 16.0 | 29.5 | 47.3 | 64.7 | 82.5 | 105.1 | 128.9 |
| -77.5° | 0.0 | 1.0 | 3.1 | 7.3 | 13.3 | 22.2 | 36.5 | 50.8 | 65.6 | 81.1 | 99.1 |
| -80° | 0.0 | 0.8 | 2.5 | 5.9 | 10.7 | 17.0 | 25.2 | 36.7 | 48.8 | 61.4 | 74.7 |
| -82.5° | 0.0 | 0.6 | 1.9 | 4.5 | 8.1 | 12.8 | 18.6 | 24.5 | 31.7 | 41.5 | 51.7 |
| -85° | 0.0 | 0.4 | 1.3 | 3.0 | 5.5 | 8.6 | 12.5 | 16.4 | 20.9 | 25.9 | 31.3 |
| -87.5° | 0.0 | 0.2 | 0.6 | 1.5 | 2.7 | 4.3 | 6.3 | 8.2 | 10.5 | 13.0 | 15.7 |
| -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° | 0.9 | 0.9 | 1.0 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.5 |
| 85° | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 82.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 80° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 77.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 75° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 72.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 70° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.6 |
| 67.5° | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.5 | 1.0 |
| 65° | 1.9 | 1.9 | 2.6 | 2.8 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 1.7 | 1.8 |
| 62.5° | 2.8 | 3.4 | 4.2 | 6.5 | 4.9 | 1.9 | 3.7 | 4.3 | 2.9 | 2.3 | 2.5 |
| 60° | 8.1 | 5.6 | 14.3 | 19.9 | 13.0 | 6.9 | 8.4 | 16.9 | 13.9 | 3.8 | 9.9 |
| 57.5° | 16.4 | 20.2 | 36.0 | 37.8 | 29.1 | 19.6 | 43.0 | 47.7 | 39.6 | 24.9 | 35.8 |
| 55° | 34.2 | 48.1 | 60.8 | 60.1 | 60.4 | 75.9 | 89.3 | 87.6 | 77.3 | 106.6 | 134.2 |
| 52.5° | 64.8 | 79.2 | 87.6 | 95.4 | 117.1 | 131.5 | 135.6 | 143.9 | 174.2 | 210.5 | 217.0 |
| 50° | 95.1 | 109.9 | 121.0 | 149.2 | 171.5 | 182.9 | 193.5 | 221.3 | 267.1 | 291.9 | 295.9 |
| 47.5° | 125.7 | 142.3 | 171.5 | 202.4 | 223.9 | 241.1 | 259.5 | 322.6 | 373.7 | 394.9 | 402.6 |
| 45° | 157.7 | 186.3 | 222.8 | 254.5 | 279.5 | 302.8 | 362.6 | 448.7 | 484.7 | 517.2 | 599.8 |
| 42.5° | 190.9 | 234.0 | 275.1 | 308.4 | 336.5 | 385.3 | 468.5 | 551.9 | 603.5 | 672.5 | 772.4 |
| 40° | 233.2 | 281.6 | 329.2 | 363.1 | 398.1 | 472.0 | 575.1 | 663.4 | 717.9 | 810.6 | 924.4 |
| 37.5° | 276.2 | 332.7 | 384.2 | 419.9 | 469.1 | 569.2 | 690.2 | 796.0 | 863.6 | 939.1 | 1121.9 |
| 35° | 318.7 | 385.0 | 437.7 | 485.6 | 546.5 | 684.3 | 833.6 | 951.2 | 1034.8 | 1164.1 | 1395.5 |
| 32.5° | 364.0 | 438.1 | 492.1 | 557.2 | 657.3 | 811.4 | 994.7 | 1125.4 | 1264.0 | 1449.9 | 1820.5 |
| 30° | 412.3 | 487.9 | 549.9 | 628.3 | 762.4 | 942.3 | 1155.0 | 1319.2 | 1507.3 | 1809.3 | 2208.8 |
| 27.5° | 460.4 | 537.5 | 613.9 | 713.5 | 860.8 | 1055.2 | 1277.3 | 1536.2 | 1779.3 | 2117.0 | 2553.8 |
| 25° | 506.7 | 588.0 | 676.6 | 797.0 | 956.3 | 1159.7 | 1402.3 | 1700.9 | 2018.2 | 2404.5 | 2917.3 |
| 22.5° | 550.8 | 639.4 | 743.0 | 872.4 | 1036.9 | 1259.0 | 1548.2 | 1899.0 | 2280.3 | 2680.5 | 3269.7 |
| 20° | 594.1 | 696.6 | 815.6 | 960.4 | 1111.0 | 1350.6 | 1691.0 | 2115.8 | 2593.6 | 3141.8 | 3719.3 |
| 17.5° | 636.9 | 753.3 | 890.5 | 1051.5 | 1234.0 | 1479.2 | 1837.4 | 2343.1 | 2924.6 | 3638.1 | 4349.1 |
| 15° | 678.7 | 808.7 | 963.0 | 1141.5 | 1358.1 | 1651.2 | 2058.0 | 2613.8 | 3316.4 | 4170.8 | 5013.0 |
| 12.5° | 719.3 | 862.5 | 1032.6 | 1229.5 | 1478.5 | 1813.0 | 2265.9 | 2865.4 | 3670.5 | 4691.3 | 5726.0 |
| 10° | 758.3 | 914.2 | 1098.6 | 1314.3 | 1593.7 | 1963.7 | 2449.7 | 3083.2 | 3937.7 | 4989.7 | 6140.4 |
| 7.5° | 778.1 | 949.1 | 1155.0 | 1395.0 | 1702.5 | 2101.9 | 2609.5 | 3267.2 | 4146.4 | 5229.7 | 6383.5 |
| 5° | 792.3 | 965.1 | 1176.2 | 1427.3 | 1762.3 | 2196.0 | 2731.9 | 3417.6 | 4300.3 | 5410.2 | 6548.1 |
| 2.5° | 803.2 | 976.6 | 1191.7 | 1445.5 | 1785.9 | 2227.3 | 2772.3 | 3470.1 | 4382.8 | 5504.5 | 6644.1 |
| 0° | 810.7 | 983.6 | 1201.2 | 1455.9 | 1798.0 | 2242.4 | 2790.9 | 3491.9 | 4417.9 | 5526.1 | 6678.9 |
| -2.5° | 818.7 | 993.2 | 1211.2 | 1472.1 | 1815.1 | 2263.0 | 2811.4 | 3507.4 | 4444.1 | 5532.1 | 6697.7 |
| -5° | 823.2 | 998.4 | 1215.1 | 1479.9 | 1820.6 | 2266.9 | 2810.0 | 3492.7 | 4423.2 | 5488.6 | 6656.8 |
| -7.5° | 824.5 | 998.9 | 1212.9 | 1478.3 | 1813.6 | 2249.3 | 2780.3 | 3449.1 | 4351.1 | 5400.8 | 6556.3 |
| -10° | 822.5 | 994.6 | 1204.9 | 1464.9 | 1793.1 | 2212.8 | 2727.2 | 3373.6 | 4232.6 | 5255.7 | 6386.4 |
| -12.5° | 816.5 | 985.3 | 1190.6 | 1443.0 | 1760.3 | 2160.9 | 2652.4 | 3265.9 | 4068.0 | 5054.1 | 6147.0 |
| -15° | 806.8 | 971.4 | 1169.9 | 1412.7 | 1714.9 | 2094.1 | 2556.2 | 3126.1 | 3856.1 | 4797.7 | 5848.8 |
| -17.5° | 793.5 | 953.0 | 1142.8 | 1374.1 | 1656.9 | 2012.9 | 2440.0 | 2962.5 | 3627.5 | 4511.6 | 5517.3 |
| -20° | 776.6 | 930.2 | 1109.3 | 1327.2 | 1590.1 | 1927.4 | 2332.1 | 2817.6 | 3413.6 | 4184.0 | 5126.2 |



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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° | 756.0 | 902.9 | 1073.8 | 1282.2 | 1530.8 | 1838.6 | 2211.4 | 2653.3 | 3173.7 | 3805.3 | 4699.3 |
| -25° | 734.9 | 876.7 | 1039.3 | 1232.2 | 1463.2 | 1738.0 | 2073.4 | 2475.9 | 2947.3 | 3525.4 | 4264.5 |
| -27.5° | 714.0 | 846.7 | 999.4 | 1174.5 | 1387.3 | 1634.3 | 1943.6 | 2310.6 | 2730.7 | 3222.3 | 3824.1 |
| -30° | 690.4 | 813.1 | 955.4 | 1114.0 | 1314.6 | 1543.9 | 1811.3 | 2125.7 | 2499.2 | 2943.5 | 3466.6 |
| -32.5° | 664.7 | 777.1 | 912.8 | 1061.7 | 1236.7 | 1445.4 | 1676.7 | 1961.1 | 2286.0 | 2652.6 | 3104.7 |
| -35° | 639.1 | 746.3 | 869.1 | 1005.3 | 1153.1 | 1348.5 | 1561.0 | 1797.0 | 2073.4 | 2397.9 | 2759.6 |
| -37.5° | 614.6 | 712.8 | 822.3 | 949.3 | 1087.9 | 1250.2 | 1437.9 | 1651.0 | 1888.9 | 2147.1 | 2459.5 |
| -40° | 587.2 | 676.6 | 780.2 | 895.2 | 1017.8 | 1158.5 | 1327.7 | 1508.6 | 1713.4 | 1940.6 | 2181.8 |
| -42.5° | 557.4 | 643.3 | 737.9 | 837.0 | 949.5 | 1075.1 | 1215.5 | 1380.9 | 1551.0 | 1741.4 | 1952.0 |
| -45° | 528.2 | 607.1 | 693.7 | 784.1 | 878.7 | 989.8 | 1117.3 | 1254.8 | 1405.7 | 1561.1 | 1738.0 |
| -47.5° | 497.5 | 569.5 | 650.1 | 728.9 | 812.7 | 907.4 | 1015.7 | 1140.5 | 1266.3 | 1404.6 | 1541.8 |
| -50° | 466.7 | 534.3 | 602.0 | 675.6 | 750.7 | 829.5 | 920.9 | 1028.7 | 1143.2 | 1257.9 | 1378.7 |
| -52.5° | 439.1 | 497.6 | 558.8 | 621.9 | 690.4 | 760.5 | 836.6 | 925.4 | 1025.6 | 1126.7 | 1230.8 |
| -55° | 411.0 | 464.9 | 515.4 | 572.0 | 631.2 | 694.3 | 762.2 | 836.9 | 912.5 | 1004.6 | 1094.2 |
| -57.5° | 383.5 | 431.3 | 475.3 | 523.5 | 576.1 | 629.8 | 691.0 | 754.4 | 823.1 | 892.6 | 965.9 |
| -60° | 355.9 | 396.5 | 436.4 | 478.1 | 522.3 | 570.0 | 619.2 | 675.0 | 733.9 | 794.3 | 857.8 |
| -62.5° | 327.4 | 360.3 | 395.5 | 433.6 | 472.5 | 509.2 | 550.5 | 596.1 | 644.6 | 696.6 | 750.4 |
| -65° | 295.5 | 322.8 | 352.1 | 385.4 | 421.9 | 451.5 | 483.1 | 517.3 | 557.5 | 600.2 | 642.5 |
| -67.5° | 261.4 | 285.6 | 309.5 | 334.2 | 363.8 | 390.3 | 416.3 | 443.6 | 473.6 | 508.5 | 542.4 |
| -70° | 223.4 | 247.6 | 268.7 | 289.1 | 307.9 | 326.9 | 348.9 | 370.5 | 394.6 | 426.0 | 456.8 |
| -72.5° | 184.8 | 207.5 | 227.5 | 244.8 | 258.1 | 269.4 | 282.9 | 298.5 | 321.7 | 350.8 | 378.0 |
| -75° | 149.5 | 167.7 | 186.4 | 203.1 | 211.7 | 215.1 | 217.9 | 226.1 | 249.6 | 279.4 | 305.8 |
| -77.5° | 116.5 | 132.4 | 147.6 | 162.1 | 168.1 | 170.4 | 171.6 | 171.6 | 188.9 | 214.3 | 241.1 |
| -80° | 85.8 | 96.8 | 109.7 | 122.2 | 125.8 | 126.9 | 127.1 | 126.3 | 140.4 | 158.7 | 178.3 |
| -82.5° | 59.6 | 67.6 | 75.8 | 84.2 | 85.4 | 84.8 | 83.6 | 82.4 | 93.8 | 107.0 | 120.5 |
| -85° | 34.7 | 38.0 | 43.0 | 48.2 | 48.8 | 48.6 | 47.7 | 46.2 | 52.6 | 59.8 | 67.3 |
| -87.5° | 17.4 | 19.0 | 20.7 | 22.4 | 21.8 | 20.9 | 19.8 | 18.4 | 20.2 | 22.0 | 23.9 |
| -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: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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° | 1.6 | 1.2 | 0.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.9 | 1.4 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 1.9 | 1.5 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.9 | 1.5 | 1.0 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.9 | 1.5 | 1.1 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 1.9 | 1.6 | 1.1 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 1.9 | 1.7 | 1.1 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 1.1 | 0.5 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.9 | 1.0 | 1.0 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 1.9 | 1.9 | 1.4 | 0.9 | 0.4 | 0.4 | 0.5 | 0.4 | 0.2 | 0.0 | 0.0 |
| 62.5° | 2.4 | 2.4 | 1.7 | 1.6 | 1.8 | 1.9 | 1.5 | 1.3 | 1.3 | 1.4 | 1.6 |
| 60° | 10.5 | 6.0 | 6.2 | 7.8 | 6.7 | 3.1 | 6.1 | 7.7 | 7.2 | 5.4 | 4.8 |
| 57.5° | 53.4 | 44.7 | 31.3 | 52.3 | 53.9 | 37.5 | 40.7 | 53.1 | 51.5 | 39.8 | 39.6 |
| 55° | 134.5 | 136.4 | 146.5 | 159.7 | 169.5 | 174.1 | 178.1 | 198.0 | 219.4 | 240.3 | 250.8 |
| 52.5° | 222.1 | 248.1 | 280.4 | 301.8 | 316.8 | 347.4 | 390.2 | 409.9 | 429.0 | 450.8 | 466.5 |
| 50° | 327.1 | 372.3 | 404.7 | 409.5 | 460.4 | 493.5 | 501.2 | 538.1 | 578.4 | 603.4 | 621.4 |
| 47.5° | 486.7 | 543.8 | 572.1 | 590.1 | 652.1 | 720.1 | 720.2 | 741.4 | 842.1 | 894.8 | 920.2 |
| 45° | 701.0 | 748.6 | 798.6 | 928.5 | 1047.9 | 1085.8 | 1166.9 | 1276.8 | 1348.2 | 1446.5 | 1554.5 |
| 42.5° | 883.5 | 972.9 | 1098.1 | 1241.1 | 1360.8 | 1460.5 | 1581.1 | 1713.1 | 1871.7 | 2021.0 | 2149.7 |
| 40° | 1064.1 | 1174.7 | 1329.8 | 1485.4 | 1636.2 | 1774.3 | 1968.5 | 2138.4 | 2325.6 | 2530.8 | 2701.8 |
| 37.5° | 1299.7 | 1441.4 | 1601.7 | 1797.9 | 2032.6 | 2185.8 | 2453.0 | 2697.1 | 2907.9 | 3155.7 | 3308.4 |
| 35° | 1661.6 | 1846.3 | 1988.3 | 2384.9 | 2670.3 | 2849.6 | 3165.9 | 3567.0 | 3721.0 | 4033.1 | 4181.2 |
| 32.5° | 2116.7 | 2362.1 | 2735.7 | 3260.8 | 3642.0 | 3972.1 | 4444.9 | 4851.9 | 5198.8 | 5512.2 | 5838.3 |
| 30° | 2628.0 | 3006.7 | 3557.3 | 4255.1 | 4642.3 | 5104.7 | 5744.0 | 6226.6 | 6770.6 | 7367.8 | 7577.0 |
| 27.5° | 3092.0 | 3659.2 | 4298.4 | 4863.8 | 5419.9 | 5995.7 | 6623.9 | 7243.8 | 7832.7 | 8329.6 | 8663.1 |
| 25° | 3522.1 | 4209.0 | 4830.3 | 5434.3 | 6036.9 | 6685.4 | 7395.9 | 8099.1 | 8747.0 | 9258.4 | 9647.1 |
| 22.5° | 3965.6 | 4691.4 | 5356.0 | 5969.0 | 6669.8 | 7404.7 | 8160.3 | 8966.8 | 9704.3 | 10234.7 | 10658.2 |
| 20° | 4382.7 | 5189.9 | 5948.0 | 6645.9 | 7308.4 | 8156.7 | 9026.8 | 9882.3 | 10685.4 | 11317.2 | 11805.5 |
| 17.5° | 5044.7 | 5745.4 | 6671.9 | 7578.5 | 8324.9 | 9104.2 | 10266.9 | 11149.9 | 12041.0 | 12797.7 | 13315.4 |
| 15° | 5857.7 | 6628.1 | 7584.9 | 8829.9 | 9852.6 | 10745.6 | 11946.7 | 13383.0 | 14434.1 | 15400.2 | 16062.9 |
| 12.5° | 6671.3 | 7542.8 | 8577.6 | 9978.8 | 11434.8 | 12486.6 | 13943.9 | 15763.9 | 16988.2 | 18483.9 | 19221.2 |
| 10° | 7294.9 | 8389.2 | 9455.0 | 10733.6 | 12132.0 | 13629.8 | 15200.7 | 16903.4 | 18539.2 | 19823.5 | 20971.6 |
| 7.5° | 7546.0 | 8711.6 | 9945.3 | 11250.0 | 12648.2 | 14194.0 | 15868.3 | 17640.1 | 19323.6 | 20758.1 | 22019.8 |
| 5° | 7733.7 | 8928.0 | 10169.8 | 11503.9 | 12998.6 | 14612.8 | 16312.1 | 18172.2 | 19891.5 | 21429.0 | 22719.8 |
| 2.5° | 7852.9 | 9058.5 | 10295.0 | 11651.3 | 13223.4 | 14885.4 | 16639.3 | 18548.8 | 20293.9 | 21876.7 | 23163.3 |
| 0° | 7898.6 | 9086.8 | 10353.0 | 11749.4 | 13305.7 | 14971.7 | 16801.4 | 18733.3 | 20492.2 | 22022.5 | 23346.4 |
| -2.5° | 7904.8 | 9060.4 | 10356.8 | 11746.4 | 13235.5 | 14917.1 | 16768.8 | 18684.6 | 20407.9 | 21932.0 | 23267.7 |
| -5° | 7842.8 | 8998.0 | 10295.5 | 11664.0 | 13155.2 | 14824.1 | 16596.3 | 18447.6 | 20091.1 | 21574.5 | 22860.5 |
| -7.5° | 7717.0 | 8869.0 | 10137.8 | 11475.0 | 12926.0 | 14544.8 | 16247.0 | 17968.1 | 19580.4 | 21003.1 | 22230.3 |
| -10° | 7530.4 | 8658.1 | 9883.0 | 11185.9 | 12558.8 | 14098.6 | 15721.7 | 17366.1 | 18878.1 | 20193.7 | 21328.6 |
| -12.5° | 7277.7 | 8379.3 | 9549.0 | 10792.9 | 12070.8 | 13538.9 | 15071.4 | 16615.7 | 17993.8 | 19194.8 | 20213.1 |
| -15° | 6949.4 | 8025.4 | 9158.0 | 10334.3 | 11573.6 | 12901.2 | 14276.5 | 15693.0 | 16964.0 | 18029.2 | 18959.4 |
| -17.5° | 6562.7 | 7606.3 | 8681.9 | 9772.3 | 10948.3 | 12193.8 | 13470.5 | 14742.0 | 15826.1 | 16772.3 | 17623.0 |
| -20° | 6131.6 | 7137.1 | 8158.9 | 9175.4 | 10242.2 | 11394.2 | 12573.4 | 13690.2 | 14637.5 | 15497.3 | 16275.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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° | 5648.3 | 6610.7 | 7590.0 | 8541.4 | 9503.4 | 10546.5 | 11599.5 | 12609.5 | 13495.6 | 14231.1 | 14907.5 |
| -25° | 5130.9 | 6020.1 | 6944.9 | 7836.9 | 8722.4 | 9657.1 | 10613.6 | 11542.8 | 12322.7 | 12961.2 | 13520.2 |
| -27.5° | 4609.6 | 5422.1 | 6236.9 | 7076.6 | 7895.1 | 8757.6 | 9623.6 | 10426.2 | 11126.4 | 11714.3 | 12184.0 |
| -30° | 4061.5 | 4788.0 | 5532.0 | 6291.8 | 7073.3 | 7862.7 | 8645.1 | 9347.9 | 9959.1 | 10476.2 | 10882.2 |
| -32.5° | 3606.1 | 4157.9 | 4814.9 | 5504.6 | 6237.2 | 6956.4 | 7637.0 | 8277.6 | 8853.5 | 9305.0 | 9649.3 |
| -35° | 3169.6 | 3636.9 | 4128.9 | 4739.4 | 5368.8 | 6030.6 | 6656.7 | 7228.4 | 7741.8 | 8136.4 | 8460.2 |
| -37.5° | 2794.3 | 3163.9 | 3580.0 | 4015.8 | 4543.5 | 5090.6 | 5655.7 | 6193.4 | 6651.2 | 6995.4 | 7284.6 |
| -40° | 2469.5 | 2761.3 | 3093.8 | 3439.3 | 3827.5 | 4220.6 | 4712.6 | 5166.4 | 5540.0 | 5861.8 | 6123.8 |
| -42.5° | 2175.8 | 2422.1 | 2667.6 | 2951.0 | 3244.0 | 3559.9 | 3905.2 | 4240.8 | 4527.6 | 4796.9 | 5019.5 |
| -45° | 1922.4 | 2119.1 | 2314.8 | 2533.7 | 2748.8 | 3005.7 | 3252.4 | 3472.5 | 3704.8 | 3906.4 | 4065.1 |
| -47.5° | 1700.8 | 1854.1 | 2021.9 | 2185.7 | 2358.4 | 2551.9 | 2735.5 | 2903.0 | 3073.2 | 3220.6 | 3338.9 |
| -50° | 1503.8 | 1630.9 | 1767.9 | 1896.5 | 2036.2 | 2177.8 | 2313.6 | 2446.8 | 2576.1 | 2688.2 | 2775.5 |
| -52.5° | 1331.4 | 1442.4 | 1549.1 | 1651.6 | 1762.7 | 1867.5 | 1965.8 | 2075.7 | 2176.9 | 2265.3 | 2325.0 |
| -55° | 1184.6 | 1275.3 | 1362.7 | 1448.3 | 1532.3 | 1611.7 | 1690.0 | 1775.4 | 1853.4 | 1923.7 | 1968.2 |
| -57.5° | 1046.7 | 1123.9 | 1197.9 | 1267.8 | 1334.5 | 1397.6 | 1463.5 | 1529.2 | 1589.3 | 1642.3 | 1676.7 |
| -60° | 921.2 | 984.3 | 1048.4 | 1105.4 | 1159.2 | 1209.7 | 1265.2 | 1317.7 | 1366.2 | 1407.0 | 1430.8 |
| -62.5° | 806.3 | 862.9 | 910.2 | 955.3 | 1001.0 | 1046.5 | 1086.0 | 1124.7 | 1162.2 | 1193.8 | 1214.5 |
| -65° | 686.2 | 734.1 | 774.4 | 810.6 | 843.4 | 878.6 | 912.3 | 942.7 | 969.7 | 990.3 | 1003.4 |
| -67.5° | 578.7 | 614.0 | 646.3 | 675.1 | 704.3 | 732.5 | 758.4 | 781.5 | 801.8 | 816.1 | 825.6 |
| -70° | 485.3 | 512.3 | 538.7 | 564.9 | 590.9 | 612.9 | 631.7 | 648.9 | 664.6 | 671.1 | 674.0 |
| -72.5° | 403.3 | 427.2 | 450.4 | 473.5 | 495.1 | 512.3 | 526.2 | 538.8 | 550.2 | 540.4 | 523.2 |
| -75° | 328.9 | 350.0 | 371.6 | 392.0 | 411.1 | 424.2 | 434.5 | 443.9 | 452.5 | 431.3 | 402.0 |
| -77.5° | 268.1 | 286.5 | 302.6 | 318.5 | 334.2 | 342.6 | 349.1 | 355.5 | 361.6 | 337.8 | 307.9 |
| -80° | 198.8 | 213.8 | 227.4 | 240.8 | 253.9 | 258.9 | 261.7 | 263.7 | 264.8 | 244.5 | 221.0 |
| -82.5° | 134.3 | 142.1 | 149.5 | 157.3 | 165.4 | 169.5 | 172.7 | 175.1 | 176.8 | 162.4 | 146.2 |
| -85° | 75.3 | 77.6 | 79.4 | 81.0 | 82.3 | 84.9 | 87.4 | 89.7 | 91.9 | 85.0 | 77.5 |
| -87.5° | 25.9 | 25.9 | 25.8 | 25.6 | 25.3 | 25.3 | 25.3 | 25.3 | 25.1 | 24.0 | 22.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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 | 0.2 | 0.4 |
| 62.5° | 1.7 | 1.8 | 1.9 | 1.9 | 1.9 | 1.8 | 1.7 | 1.6 | 1.4 | 1.3 | 1.3 |
| 60° | 3.7 | 2.3 | 1.9 | 1.9 | 1.9 | 2.3 | 3.7 | 4.8 | 5.4 | 7.2 | 7.7 |
| 57.5° | 37.0 | 32.2 | 28.9 | 26.0 | 28.9 | 32.2 | 37.0 | 39.6 | 39.8 | 51.5 | 53.1 |
| 55° | 246.3 | 229.3 | 208.5 | 184.1 | 208.5 | 229.3 | 246.3 | 250.8 | 240.3 | 219.4 | 198.0 |
| 52.5° | 483.1 | 499.1 | 508.4 | 507.6 | 508.4 | 499.1 | 483.1 | 466.5 | 450.8 | 429.0 | 409.9 |
| 50° | 635.8 | 644.6 | 645.0 | 637.8 | 645.0 | 644.6 | 635.8 | 621.4 | 603.4 | 578.4 | 538.1 |
| 47.5° | 931.6 | 919.4 | 898.4 | 875.8 | 898.4 | 919.4 | 931.6 | 920.2 | 894.8 | 842.1 | 741.4 |
| 45° | 1625.6 | 1664.8 | 1662.2 | 1612.1 | 1662.2 | 1664.8 | 1625.6 | 1554.5 | 1446.5 | 1348.2 | 1276.8 |
| 42.5° | 2221.6 | 2280.2 | 2321.7 | 2342.8 | 2321.7 | 2280.2 | 2221.6 | 2149.7 | 2021.0 | 1871.7 | 1713.1 |
| 40° | 2798.1 | 2854.8 | 2879.8 | 2878.3 | 2879.8 | 2854.8 | 2798.1 | 2701.8 | 2530.8 | 2325.6 | 2138.4 |
| 37.5° | 3407.4 | 3480.7 | 3516.3 | 3499.4 | 3516.3 | 3480.7 | 3407.4 | 3308.4 | 3155.7 | 2907.9 | 2697.1 |
| 35° | 4245.3 | 4313.9 | 4315.2 | 4280.3 | 4315.2 | 4313.9 | 4245.3 | 4181.2 | 4033.1 | 3721.0 | 3567.0 |
| 32.5° | 6097.1 | 6120.1 | 5943.8 | 5881.2 | 5943.8 | 6120.1 | 6097.1 | 5838.3 | 5512.2 | 5198.8 | 4851.9 |
| 30° | 7785.2 | 7947.9 | 8099.3 | 8175.7 | 8099.3 | 7947.9 | 7785.2 | 7577.0 | 7367.8 | 6770.6 | 6226.6 |
| 27.5° | 8914.5 | 9110.2 | 9231.5 | 9239.3 | 9231.5 | 9110.2 | 8914.5 | 8663.1 | 8329.6 | 7832.7 | 7243.8 |
| 25° | 9941.6 | 10160.6 | 10292.8 | 10338.2 | 10292.8 | 10160.6 | 9941.6 | 9647.1 | 9258.4 | 8747.0 | 8099.1 |
| 22.5° | 11017.7 | 11275.8 | 11446.7 | 11481.7 | 11446.7 | 11275.8 | 11017.7 | 10658.2 | 10234.7 | 9704.3 | 8966.8 |
| 20° | 12266.2 | 12566.5 | 12730.4 | 12723.7 | 12730.4 | 12566.5 | 12266.2 | 11805.5 | 11317.2 | 10685.4 | 9882.3 |
| 17.5° | 13909.9 | 14232.0 | 14373.5 | 14311.6 | 14373.5 | 14232.0 | 13909.9 | 13315.4 | 12797.7 | 12041.0 | 11149.9 |
| 15° | 16743.2 | 17417.0 | 17414.3 | 17145.3 | 17414.3 | 17417.0 | 16743.2 | 16062.9 | 15400.2 | 14434.1 | 13383.0 |
| 12.5° | 20238.0 | 20740.2 | 21255.4 | 21366.1 | 21255.4 | 20740.2 | 20238.0 | 19221.2 | 18483.9 | 16988.2 | 15763.9 |
| 10° | 21938.6 | 22605.5 | 23045.6 | 23034.0 | 23045.6 | 22605.5 | 21938.6 | 20971.6 | 19823.5 | 18539.2 | 16903.4 |
| 7.5° | 23002.5 | 23739.3 | 24272.7 | 24261.2 | 24272.7 | 23739.3 | 23002.5 | 22019.8 | 20758.1 | 19323.6 | 17640.1 |
| 5° | 23823.6 | 24640.8 | 25113.2 | 25148.1 | 25113.2 | 24640.8 | 23823.6 | 22719.8 | 21429.0 | 19891.5 | 18172.2 |
| 2.5° | 24250.1 | 25103.0 | 25671.0 | 25596.2 | 25671.0 | 25103.0 | 24250.1 | 23163.3 | 21876.7 | 20293.9 | 18548.8 |
| 0° | 24428.5 | 25272.7 | 25802.6 | 26031.3 | 25802.6 | 25272.7 | 24428.5 | 23346.4 | 22022.5 | 20492.2 | 18733.3 |
| -2.5° | 24350.6 | 25172.1 | 25757.7 | 25780.3 | 25757.7 | 25172.1 | 24350.6 | 23267.7 | 21932.0 | 20407.9 | 18684.6 |
| -5° | 23933.4 | 24800.2 | 25192.5 | 25401.0 | 25192.5 | 24800.2 | 23933.4 | 22860.5 | 21574.5 | 20091.1 | 18447.6 |
| -7.5° | 23260.6 | 23910.1 | 24408.5 | 24638.6 | 24408.5 | 23910.1 | 23260.6 | 22230.3 | 21003.1 | 19580.4 | 17968.1 |
| -10° | 22213.4 | 22885.8 | 23307.0 | 23497.0 | 23307.0 | 22885.8 | 22213.4 | 21328.6 | 20193.7 | 18878.1 | 17366.1 |
| -12.5° | 21053.3 | 21664.5 | 22064.9 | 22225.2 | 22064.9 | 21664.5 | 21053.3 | 20213.1 | 19194.8 | 17993.8 | 16615.7 |
| -15° | 19759.1 | 20313.9 | 20682.5 | 20836.2 | 20682.5 | 20313.9 | 19759.1 | 18959.4 | 18029.2 | 16964.0 | 15693.0 |
| -17.5° | 18334.3 | 18820.5 | 19187.8 | 19298.5 | 19187.8 | 18820.5 | 18334.3 | 17623.0 | 16772.3 | 15826.1 | 14742.0 |
| -20° | 16869.2 | 17308.8 | 17611.3 | 17677.1 | 17611.3 | 17308.8 | 16869.2 | 16275.7 | 15497.3 | 14637.5 | 13690.2 |



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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° | 15393.1 | 15755.2 | 16000.8 | 16083.6 | 16000.8 | 15755.2 | 15393.1 | 14907.5 | 14231.1 | 13495.6 | 12609.5 |
| -25° | 13950.4 | 14263.0 | 14460.7 | 14534.8 | 14460.7 | 14263.0 | 13950.4 | 13520.2 | 12961.2 | 12322.7 | 11542.8 |
| -27.5° | 12563.0 | 12854.3 | 13036.0 | 13060.3 | 13036.0 | 12854.3 | 12563.0 | 12184.0 | 11714.3 | 11126.4 | 10426.2 |
| -30° | 11197.8 | 11438.5 | 11578.5 | 11637.9 | 11578.5 | 11438.5 | 11197.8 | 10882.2 | 10476.2 | 9959.1 | 9347.9 |
| -32.5° | 9922.0 | 10132.3 | 10258.1 | 10291.7 | 10258.1 | 10132.3 | 9922.0 | 9649.3 | 9305.0 | 8853.5 | 8277.6 |
| -35° | 8717.6 | 8911.7 | 9023.3 | 9014.3 | 9023.3 | 8911.7 | 8717.6 | 8460.2 | 8136.4 | 7741.8 | 7228.4 |
| -37.5° | 7523.7 | 7702.8 | 7803.9 | 7794.5 | 7803.9 | 7702.8 | 7523.7 | 7284.6 | 6995.4 | 6651.2 | 6193.4 |
| -40° | 6339.3 | 6493.8 | 6582.9 | 6604.5 | 6582.9 | 6493.8 | 6339.3 | 6123.8 | 5861.8 | 5540.0 | 5166.4 |
| -42.5° | 5204.5 | 5347.1 | 5418.4 | 5390.3 | 5418.4 | 5347.1 | 5204.5 | 5019.5 | 4796.9 | 4527.6 | 4240.8 |
| -45° | 4176.1 | 4249.8 | 4298.4 | 4328.6 | 4298.4 | 4249.8 | 4176.1 | 4065.1 | 3906.4 | 3704.8 | 3472.5 |
| -47.5° | 3425.5 | 3486.6 | 3519.6 | 3525.4 | 3519.6 | 3486.6 | 3425.5 | 3338.9 | 3220.6 | 3073.2 | 2903.0 |
| -50° | 2843.4 | 2895.4 | 2918.4 | 2911.8 | 2918.4 | 2895.4 | 2843.4 | 2775.5 | 2688.2 | 2576.1 | 2446.8 |
| -52.5° | 2368.0 | 2398.1 | 2418.5 | 2428.4 | 2418.5 | 2398.1 | 2368.0 | 2325.0 | 2265.3 | 2176.9 | 2075.7 |
| -55° | 2001.6 | 2025.1 | 2038.9 | 2043.5 | 2038.9 | 2025.1 | 2001.6 | 1968.2 | 1923.7 | 1853.4 | 1775.4 |
| -57.5° | 1705.4 | 1727.7 | 1735.9 | 1732.9 | 1735.9 | 1727.7 | 1705.4 | 1676.7 | 1642.3 | 1589.3 | 1529.2 |
| -60° | 1449.1 | 1461.8 | 1471.4 | 1476.3 | 1471.4 | 1461.8 | 1449.1 | 1430.8 | 1407.0 | 1366.2 | 1317.7 |
| -62.5° | 1231.0 | 1243.0 | 1253.0 | 1258.8 | 1253.0 | 1243.0 | 1231.0 | 1214.5 | 1193.8 | 1162.2 | 1124.7 |
| -65° | 1012.6 | 1017.8 | 1019.4 | 1017.1 | 1019.4 | 1017.8 | 1012.6 | 1003.4 | 990.3 | 969.7 | 942.7 |
| -67.5° | 832.6 | 837.0 | 840.0 | 840.4 | 840.0 | 837.0 | 832.6 | 825.6 | 816.1 | 801.8 | 781.5 |
| -70° | 676.8 | 678.7 | 676.5 | 671.2 | 676.5 | 678.7 | 676.8 | 674.0 | 671.1 | 664.6 | 648.9 |
| -72.5° | 505.6 | 487.1 | 468.6 | 448.1 | 468.6 | 487.1 | 505.6 | 523.2 | 540.4 | 550.2 | 538.8 |
| -75° | 371.7 | 340.4 | 329.0 | 318.0 | 329.0 | 340.4 | 371.7 | 402.0 | 431.3 | 452.5 | 443.9 |
| -77.5° | 276.5 | 243.8 | 235.1 | 226.8 | 235.1 | 243.8 | 276.5 | 307.9 | 337.8 | 361.6 | 355.5 |
| -80° | 196.4 | 171.0 | 165.4 | 159.9 | 165.4 | 171.0 | 196.4 | 221.0 | 244.5 | 264.8 | 263.7 |
| -82.5° | 129.1 | 111.3 | 107.7 | 104.1 | 107.7 | 111.3 | 129.1 | 146.2 | 162.4 | 176.8 | 175.1 |
| -85° | 69.5 | 61.2 | 59.4 | 57.6 | 59.4 | 61.2 | 69.5 | 77.5 | 85.0 | 91.9 | 89.7 |
| -87.5° | 21.7 | 20.4 | 20.5 | 20.5 | 20.5 | 20.4 | 21.7 | 22.9 | 24.0 | 25.1 | 25.3 |
| -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: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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 | 0.4 | 0.8 | 1.2 | 1.6 | 1.5 | 1.5 | 1.4 | 1.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 80° | 0.0 | 0.0 | 0.1 | 0.5 | 1.0 | 1.5 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 77.5° | 0.0 | 0.0 | 0.1 | 0.6 | 1.1 | 1.5 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 75° | 0.0 | 0.0 | 0.1 | 0.6 | 1.1 | 1.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 72.5° | 0.0 | 0.0 | 0.1 | 0.6 | 1.1 | 1.7 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 70° | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.5 | 1.1 | 1.6 | 1.9 | 1.9 | 1.9 |
| 67.5° | 0.0 | 0.0 | 0.3 | 0.8 | 1.0 | 1.0 | 0.9 | 1.0 | 1.5 | 1.9 | 1.9 |
| 65° | 0.5 | 0.4 | 0.4 | 0.9 | 1.4 | 1.9 | 1.9 | 1.8 | 1.7 | 2.0 | 1.9 |
| 62.5° | 1.5 | 1.9 | 1.8 | 1.6 | 1.7 | 2.4 | 2.4 | 2.5 | 2.3 | 2.9 | 4.3 |
| 60° | 6.1 | 3.1 | 6.7 | 7.8 | 6.2 | 6.0 | 10.5 | 9.9 | 3.8 | 13.9 | 16.9 |
| 57.5° | 40.7 | 37.5 | 53.9 | 52.3 | 31.3 | 44.7 | 53.4 | 35.8 | 24.9 | 39.6 | 47.7 |
| 55° | 178.1 | 174.1 | 169.5 | 159.7 | 146.5 | 136.4 | 134.5 | 134.2 | 106.6 | 77.3 | 87.6 |
| 52.5° | 390.2 | 347.4 | 316.8 | 301.8 | 280.4 | 248.1 | 222.1 | 217.0 | 210.5 | 174.2 | 143.9 |
| 50° | 501.2 | 493.5 | 460.4 | 409.5 | 404.7 | 372.3 | 327.1 | 295.9 | 291.9 | 267.1 | 221.3 |
| 47.5° | 720.2 | 720.1 | 652.1 | 590.1 | 572.1 | 543.8 | 486.7 | 402.6 | 394.9 | 373.7 | 322.6 |
| 45° | 1166.9 | 1085.8 | 1047.9 | 928.5 | 798.6 | 748.6 | 701.0 | 599.8 | 517.2 | 484.7 | 448.7 |
| 42.5° | 1581.1 | 1460.5 | 1360.8 | 1241.1 | 1098.1 | 972.9 | 883.5 | 772.4 | 672.5 | 603.5 | 551.9 |
| 40° | 1968.5 | 1774.3 | 1636.2 | 1485.4 | 1329.8 | 1174.7 | 1064.1 | 924.4 | 810.6 | 717.9 | 663.4 |
| 37.5° | 2453.0 | 2185.8 | 2032.6 | 1797.9 | 1601.7 | 1441.4 | 1299.7 | 1121.9 | 939.1 | 863.6 | 796.0 |
| 35° | 3165.9 | 2849.6 | 2670.3 | 2384.9 | 1988.3 | 1846.3 | 1661.6 | 1395.5 | 1164.1 | 1034.8 | 951.2 |
| 32.5° | 4444.9 | 3972.1 | 3642.0 | 3260.8 | 2735.7 | 2362.1 | 2116.7 | 1820.5 | 1449.9 | 1264.0 | 1125.4 |
| 30° | 5744.0 | 5104.7 | 4642.3 | 4255.1 | 3557.3 | 3006.7 | 2628.0 | 2208.8 | 1809.3 | 1507.3 | 1319.2 |
| 27.5° | 6623.9 | 5995.7 | 5419.9 | 4863.8 | 4298.4 | 3659.2 | 3092.0 | 2553.8 | 2117.0 | 1779.3 | 1536.2 |
| 25° | 7395.9 | 6685.4 | 6036.9 | 5434.3 | 4830.3 | 4209.0 | 3522.1 | 2917.3 | 2404.5 | 2018.2 | 1700.9 |
| 22.5° | 8160.3 | 7404.7 | 6669.8 | 5969.0 | 5356.0 | 4691.4 | 3965.6 | 3269.7 | 2680.5 | 2280.3 | 1899.0 |
| 20° | 9026.8 | 8156.7 | 7308.4 | 6645.9 | 5948.0 | 5189.9 | 4382.7 | 3719.3 | 3141.8 | 2593.6 | 2115.8 |
| 17.5° | 10266.9 | 9104.2 | 8324.9 | 7578.5 | 6671.9 | 5745.4 | 5044.7 | 4349.1 | 3638.1 | 2924.6 | 2343.1 |
| 15° | 11946.7 | 10745.6 | 9852.6 | 8829.9 | 7584.9 | 6628.1 | 5857.7 | 5013.0 | 4170.8 | 3316.4 | 2613.8 |
| 12.5° | 13943.9 | 12486.6 | 11434.8 | 9978.8 | 8577.6 | 7542.8 | 6671.3 | 5726.0 | 4691.3 | 3670.5 | 2865.4 |
| 10° | 15200.7 | 13629.8 | 12132.0 | 10733.6 | 9455.0 | 8389.2 | 7294.9 | 6140.4 | 4989.7 | 3937.7 | 3083.2 |
| 7.5° | 15868.3 | 14194.0 | 12648.2 | 11250.0 | 9945.3 | 8711.6 | 7546.0 | 6383.5 | 5229.7 | 4146.4 | 3267.2 |
| 5° | 16312.1 | 14612.8 | 12998.6 | 11503.9 | 10169.8 | 8928.0 | 7733.7 | 6548.1 | 5410.2 | 4300.3 | 3417.6 |
| 2.5° | 16639.3 | 14885.4 | 13223.4 | 11651.3 | 10295.0 | 9058.5 | 7852.9 | 6644.1 | 5504.5 | 4382.8 | 3470.1 |
| 0° | 16801.4 | 14971.7 | 13305.7 | 11749.4 | 10353.0 | 9086.8 | 7898.6 | 6678.9 | 5526.1 | 4417.9 | 3491.9 |
| -2.5° | 16768.8 | 14917.1 | 13235.5 | 11746.4 | 10356.8 | 9060.4 | 7904.8 | 6697.7 | 5532.1 | 4444.1 | 3507.4 |
| -5° | 16596.3 | 14824.1 | 13155.2 | 11664.0 | 10295.5 | 8998.0 | 7842.8 | 6656.8 | 5488.6 | 4423.2 | 3492.7 |
| -7.5° | 16247.0 | 14544.8 | 12926.0 | 11475.0 | 10137.8 | 8869.0 | 7717.0 | 6556.3 | 5400.8 | 4351.1 | 3449.1 |
| -10° | 15721.7 | 14098.6 | 12558.8 | 11185.9 | 9883.0 | 8658.1 | 7530.4 | 6386.4 | 5255.7 | 4232.6 | 3373.6 |
| -12.5° | 15071.4 | 13538.9 | 12070.8 | 10792.9 | 9549.0 | 8379.3 | 7277.7 | 6147.0 | 5054.1 | 4068.0 | 3265.9 |
| -15° | 14276.5 | 12901.2 | 11573.6 | 10334.3 | 9158.0 | 8025.4 | 6949.4 | 5848.8 | 4797.7 | 3856.1 | 3126.1 |
| -17.5° | 13470.5 | 12193.8 | 10948.3 | 9772.3 | 8681.9 | 7606.3 | 6562.7 | 5517.3 | 4511.6 | 3627.5 | 2962.5 |
| -20° | 12573.4 | 11394.2 | 10242.2 | 9175.4 | 8158.9 | 7137.1 | 6131.6 | 5126.2 | 4184.0 | 3413.6 | 2817.6 |



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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° | 11599.5 | 10546.5 | 9503.4 | 8541.4 | 7590.0 | 6610.7 | 5648.3 | 4699.3 | 3805.3 | 3173.7 | 2653.3 |
| -25° | 10613.6 | 9657.1 | 8722.4 | 7836.9 | 6944.9 | 6020.1 | 5130.9 | 4264.5 | 3525.4 | 2947.3 | 2475.9 |
| -27.5° | 9623.6 | 8757.6 | 7895.1 | 7076.6 | 6236.9 | 5422.1 | 4609.6 | 3824.1 | 3222.3 | 2730.7 | 2310.6 |
| -30° | 8645.1 | 7862.7 | 7073.3 | 6291.8 | 5532.0 | 4788.0 | 4061.5 | 3466.6 | 2943.5 | 2499.2 | 2125.7 |
| -32.5° | 7637.0 | 6956.4 | 6237.2 | 5504.6 | 4814.9 | 4157.9 | 3606.1 | 3104.7 | 2652.6 | 2286.0 | 1961.1 |
| -35° | 6656.7 | 6030.6 | 5368.8 | 4739.4 | 4128.9 | 3636.9 | 3169.6 | 2759.6 | 2397.9 | 2073.4 | 1797.0 |
| -37.5° | 5655.7 | 5090.6 | 4543.5 | 4015.8 | 3580.0 | 3163.9 | 2794.3 | 2459.5 | 2147.1 | 1888.9 | 1651.0 |
| -40° | 4712.6 | 4220.6 | 3827.5 | 3439.3 | 3093.8 | 2761.3 | 2469.5 | 2181.8 | 1940.6 | 1713.4 | 1508.6 |
| -42.5° | 3905.2 | 3559.9 | 3244.0 | 2951.0 | 2667.6 | 2422.1 | 2175.8 | 1952.0 | 1741.4 | 1551.0 | 1380.9 |
| -45° | 3252.4 | 3005.7 | 2748.8 | 2533.7 | 2314.8 | 2119.1 | 1922.4 | 1738.0 | 1561.1 | 1405.7 | 1254.8 |
| -47.5° | 2735.5 | 2551.9 | 2358.4 | 2185.7 | 2021.9 | 1854.1 | 1700.8 | 1541.8 | 1404.6 | 1266.3 | 1140.5 |
| -50° | 2313.6 | 2177.8 | 2036.2 | 1896.5 | 1767.9 | 1630.9 | 1503.8 | 1378.7 | 1257.9 | 1143.2 | 1028.7 |
| -52.5° | 1965.8 | 1867.5 | 1762.7 | 1651.6 | 1549.1 | 1442.4 | 1331.4 | 1230.8 | 1126.7 | 1025.6 | 925.4 |
| -55° | 1690.0 | 1611.7 | 1532.3 | 1448.3 | 1362.7 | 1275.3 | 1184.6 | 1094.2 | 1004.6 | 912.5 | 836.9 |
| -57.5° | 1463.5 | 1397.6 | 1334.5 | 1267.8 | 1197.9 | 1123.9 | 1046.7 | 965.9 | 892.6 | 823.1 | 754.4 |
| -60° | 1265.2 | 1209.7 | 1159.2 | 1105.4 | 1048.4 | 984.3 | 921.2 | 857.8 | 794.3 | 733.9 | 675.0 |
| -62.5° | 1086.0 | 1046.5 | 1001.0 | 955.3 | 910.2 | 862.9 | 806.3 | 750.4 | 696.6 | 644.6 | 596.1 |
| -65° | 912.3 | 878.6 | 843.4 | 810.6 | 774.4 | 734.1 | 686.2 | 642.5 | 600.2 | 557.5 | 517.3 |
| -67.5° | 758.4 | 732.5 | 704.3 | 675.1 | 646.3 | 614.0 | 578.7 | 542.4 | 508.5 | 473.6 | 443.6 |
| -70° | 631.7 | 612.9 | 590.9 | 564.9 | 538.7 | 512.3 | 485.3 | 456.8 | 426.0 | 394.6 | 370.5 |
| -72.5° | 526.2 | 512.3 | 495.1 | 473.5 | 450.4 | 427.2 | 403.3 | 378.0 | 350.8 | 321.7 | 298.5 |
| -75° | 434.5 | 424.2 | 411.1 | 392.0 | 371.6 | 350.0 | 328.9 | 305.8 | 279.4 | 249.6 | 226.1 |
| -77.5° | 349.1 | 342.6 | 334.2 | 318.5 | 302.6 | 286.5 | 268.1 | 241.1 | 214.3 | 188.9 | 171.6 |
| -80° | 261.7 | 258.9 | 253.9 | 240.8 | 227.4 | 213.8 | 198.8 | 178.3 | 158.7 | 140.4 | 126.3 |
| -82.5° | 172.7 | 169.5 | 165.4 | 157.3 | 149.5 | 142.1 | 134.3 | 120.5 | 107.0 | 93.8 | 82.4 |
| -85° | 87.4 | 84.9 | 82.3 | 81.0 | 79.4 | 77.6 | 75.3 | 67.3 | 59.8 | 52.6 | 46.2 |
| -87.5° | 25.3 | 25.3 | 25.3 | 25.6 | 25.8 | 25.9 | 25.9 | 23.9 | 22.0 | 20.2 | 18.4 |
| -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: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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° | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 |
| 85° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 |
| 82.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.7 |
| 80° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 77.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 75° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 72.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 70° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.1 | 1.9 | 1.9 | 1.9 |
| 67.5° | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 2.4 | 2.5 | 1.9 | 1.9 |
| 65° | 1.9 | 1.9 | 2.0 | 2.8 | 2.6 | 1.9 | 1.9 | 3.6 | 3.1 | 2.7 | 1.9 |
| 62.5° | 3.7 | 1.9 | 4.9 | 6.5 | 4.2 | 3.4 | 2.8 | 7.8 | 5.0 | 3.6 | 2.6 |
| 60° | 8.4 | 6.9 | 13.0 | 19.9 | 14.3 | 5.6 | 8.1 | 13.3 | 12.3 | 4.5 | 3.6 |
| 57.5° | 43.0 | 19.6 | 29.1 | 37.8 | 36.0 | 20.2 | 16.4 | 22.8 | 20.7 | 12.1 | 4.8 |
| 55° | 89.3 | 75.9 | 60.4 | 60.1 | 60.8 | 48.1 | 34.2 | 35.3 | 31.3 | 22.2 | 7.1 |
| 52.5° | 135.6 | 131.5 | 117.1 | 95.4 | 87.6 | 79.2 | 64.8 | 50.0 | 46.4 | 33.2 | 17.5 |
| 50° | 193.5 | 182.9 | 171.5 | 149.2 | 121.0 | 109.9 | 95.1 | 76.4 | 63.2 | 46.4 | 28.9 |
| 47.5° | 259.5 | 241.1 | 223.9 | 202.4 | 171.5 | 142.3 | 125.7 | 103.7 | 81.7 | 63.7 | 40.5 |
| 45° | 362.6 | 302.8 | 279.5 | 254.5 | 222.8 | 186.3 | 157.7 | 130.6 | 105.8 | 81.1 | 52.1 |
| 42.5° | 468.5 | 385.3 | 336.5 | 308.4 | 275.1 | 234.0 | 190.9 | 160.5 | 129.6 | 98.4 | 65.8 |
| 40° | 575.1 | 472.0 | 398.1 | 363.1 | 329.2 | 281.6 | 233.2 | 191.7 | 152.9 | 116.4 | 80.8 |
| 37.5° | 690.2 | 569.2 | 469.1 | 419.9 | 384.2 | 332.7 | 276.2 | 223.6 | 176.8 | 135.9 | 95.7 |
| 35° | 833.6 | 684.3 | 546.5 | 485.6 | 437.7 | 385.0 | 318.7 | 258.2 | 205.4 | 155.5 | 110.3 |
| 32.5° | 994.7 | 811.4 | 657.3 | 557.2 | 492.1 | 438.1 | 364.0 | 297.3 | 234.7 | 175.2 | 124.7 |
| 30° | 1155.0 | 942.3 | 762.4 | 628.3 | 549.9 | 487.9 | 412.3 | 336.6 | 264.7 | 194.8 | 139.3 |
| 27.5° | 1277.3 | 1055.2 | 860.8 | 713.5 | 613.9 | 537.5 | 460.4 | 376.0 | 295.1 | 216.3 | 155.3 |
| 25° | 1402.3 | 1159.7 | 956.3 | 797.0 | 676.6 | 588.0 | 506.7 | 415.5 | 327.5 | 241.1 | 170.9 |
| 22.5° | 1548.2 | 1259.0 | 1036.9 | 872.4 | 743.0 | 639.4 | 550.8 | 455.5 | 360.3 | 265.7 | 186.2 |
| 20° | 1691.0 | 1350.6 | 1111.0 | 960.4 | 815.6 | 696.6 | 594.1 | 493.6 | 392.4 | 289.9 | 200.9 |
| 17.5° | 1837.4 | 1479.2 | 1234.0 | 1051.5 | 890.5 | 753.3 | 636.9 | 529.8 | 423.5 | 313.4 | 215.0 |
| 15° | 2058.0 | 1651.2 | 1358.1 | 1141.5 | 963.0 | 808.7 | 678.7 | 563.8 | 453.5 | 336.1 | 227.6 |
| 12.5° | 2265.9 | 1813.0 | 1478.5 | 1229.5 | 1032.6 | 862.5 | 719.3 | 595.7 | 482.2 | 355.0 | 238.0 |
| 10° | 2449.7 | 1963.7 | 1593.7 | 1314.3 | 1098.6 | 914.2 | 758.3 | 620.8 | 499.2 | 370.0 | 247.4 |
| 7.5° | 2609.5 | 2101.9 | 1702.5 | 1395.0 | 1155.0 | 949.1 | 778.1 | 633.9 | 512.1 | 383.2 | 255.6 |
| 5° | 2731.9 | 2196.0 | 1762.3 | 1427.3 | 1176.2 | 965.1 | 792.3 | 644.5 | 522.3 | 394.5 | 262.7 |
| 2.5° | 2772.3 | 2227.3 | 1785.9 | 1445.5 | 1191.7 | 976.6 | 803.2 | 652.6 | 530.1 | 403.7 | 268.6 |
| 0° | 2790.9 | 2242.4 | 1798.0 | 1455.9 | 1201.2 | 983.6 | 810.7 | 658.2 | 535.5 | 410.9 | 273.3 |
| -2.5° | 2811.4 | 2263.0 | 1815.1 | 1472.1 | 1211.2 | 993.2 | 818.7 | 666.9 | 543.2 | 418.9 | 281.2 |
| -5° | 2810.0 | 2266.9 | 1820.6 | 1479.9 | 1215.1 | 998.4 | 823.2 | 673.1 | 548.8 | 424.8 | 287.8 |
| -7.5° | 2780.3 | 2249.3 | 1813.6 | 1478.3 | 1212.9 | 998.9 | 824.5 | 676.8 | 552.3 | 428.5 | 293.0 |
| -10° | 2727.2 | 2212.8 | 1793.1 | 1464.9 | 1204.9 | 994.6 | 822.5 | 677.9 | 553.6 | 430.1 | 296.7 |
| -12.5° | 2652.4 | 2160.9 | 1760.3 | 1443.0 | 1190.6 | 985.3 | 816.5 | 674.8 | 552.8 | 429.6 | 298.8 |
| -15° | 2556.2 | 2094.1 | 1714.9 | 1412.7 | 1169.9 | 971.4 | 806.8 | 668.2 | 548.0 | 426.5 | 299.2 |
| -17.5° | 2440.0 | 2012.9 | 1656.9 | 1374.1 | 1142.8 | 953.0 | 793.5 | 659.2 | 541.4 | 421.0 | 298.6 |
| -20° | 2332.1 | 1927.4 | 1590.1 | 1327.2 | 1109.3 | 930.2 | 776.6 | 647.6 | 533.2 | 414.1 | 297.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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° | 2211.4 | 1838.6 | 1530.8 | 1282.2 | 1073.8 | 902.9 | 756.0 | 633.5 | 523.5 | 406.0 | 294.5 |
| -25° | 2073.4 | 1738.0 | 1463.2 | 1232.2 | 1039.3 | 876.7 | 734.9 | 617.0 | 512.4 | 396.7 | 290.6 |
| -27.5° | 1943.6 | 1634.3 | 1387.3 | 1174.5 | 999.4 | 846.7 | 714.0 | 601.8 | 499.5 | 386.3 | 285.4 |
| -30° | 1811.3 | 1543.9 | 1314.6 | 1114.0 | 955.4 | 813.1 | 690.4 | 585.4 | 485.0 | 377.2 | 279.1 |
| -32.5° | 1676.7 | 1445.4 | 1236.7 | 1061.7 | 912.8 | 777.1 | 664.7 | 567.8 | 469.9 | 368.2 | 273.9 |
| -35° | 1561.0 | 1348.5 | 1153.1 | 1005.3 | 869.1 | 746.3 | 639.1 | 549.2 | 454.2 | 358.0 | 268.1 |
| -37.5° | 1437.9 | 1250.2 | 1087.9 | 949.3 | 822.3 | 712.8 | 614.6 | 527.3 | 438.2 | 346.6 | 261.2 |
| -40° | 1327.7 | 1158.5 | 1017.8 | 895.2 | 780.2 | 676.6 | 587.2 | 503.9 | 423.1 | 334.1 | 253.2 |
| -42.5° | 1215.5 | 1075.1 | 949.5 | 837.0 | 737.9 | 643.3 | 557.4 | 479.0 | 403.7 | 322.5 | 243.9 |
| -45° | 1117.3 | 989.8 | 878.7 | 784.1 | 693.7 | 607.1 | 528.2 | 453.1 | 382.8 | 310.6 | 234.3 |
| -47.5° | 1015.7 | 907.4 | 812.7 | 728.9 | 650.1 | 569.5 | 497.5 | 429.1 | 361.2 | 297.2 | 224.4 |
| -50° | 920.9 | 829.5 | 750.7 | 675.6 | 602.0 | 534.3 | 466.7 | 404.4 | 341.5 | 279.8 | 213.4 |
| -52.5° | 836.6 | 760.5 | 690.4 | 621.9 | 558.8 | 497.6 | 439.1 | 379.2 | 321.0 | 262.4 | 201.1 |
| -55° | 762.2 | 694.3 | 631.2 | 572.0 | 515.4 | 464.9 | 411.0 | 355.6 | 299.6 | 244.4 | 188.0 |
| -57.5° | 691.0 | 629.8 | 576.1 | 523.5 | 475.3 | 431.3 | 383.5 | 331.1 | 278.0 | 225.6 | 176.3 |
| -60° | 619.2 | 570.0 | 522.3 | 478.1 | 436.4 | 396.5 | 355.9 | 305.8 | 255.7 | 206.2 | 162.3 |
| -62.5° | 550.5 | 509.2 | 472.5 | 433.6 | 395.5 | 360.3 | 327.4 | 279.7 | 232.4 | 187.1 | 146.7 |
| -65° | 483.1 | 451.5 | 421.9 | 385.4 | 352.1 | 322.8 | 295.5 | 252.7 | 207.9 | 166.7 | 130.4 |
| -67.5° | 416.3 | 390.3 | 363.8 | 334.2 | 309.5 | 285.6 | 261.4 | 222.7 | 182.0 | 145.3 | 113.9 |
| -70° | 348.9 | 326.9 | 307.9 | 289.1 | 268.7 | 247.6 | 223.4 | 190.4 | 154.8 | 124.9 | 96.9 |
| -72.5° | 282.9 | 269.4 | 258.1 | 244.8 | 227.5 | 207.5 | 184.8 | 157.9 | 130.2 | 104.0 | 79.4 |
| -75° | 217.9 | 215.1 | 211.7 | 203.1 | 186.4 | 167.7 | 149.5 | 128.9 | 105.1 | 82.5 | 64.7 |
| -77.5° | 171.6 | 170.4 | 168.1 | 162.1 | 147.6 | 132.4 | 116.5 | 99.1 | 81.1 | 65.6 | 50.8 |
| -80° | 127.1 | 126.9 | 125.8 | 122.2 | 109.7 | 96.8 | 85.8 | 74.7 | 61.4 | 48.8 | 36.7 |
| -82.5° | 83.6 | 84.8 | 85.4 | 84.2 | 75.8 | 67.6 | 59.6 | 51.7 | 41.5 | 31.7 | 24.5 |
| -85° | 47.7 | 48.6 | 48.8 | 48.2 | 43.0 | 38.0 | 34.7 | 31.3 | 25.9 | 20.9 | 16.4 |
| -87.5° | 19.8 | 20.9 | 21.8 | 22.4 | 20.7 | 19.0 | 17.4 | 15.7 | 13.0 | 10.5 | 8.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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° | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 |
| 85° | 1.0 | 0.8 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| 82.5° | 1.5 | 1.2 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 |
| 80° | 1.9 | 1.6 | 1.3 | 1.0 | 0.7 | 0.3 | 0.0 |
| 77.5° | 1.9 | 1.9 | 1.6 | 1.2 | 0.8 | 0.4 | 0.0 |
| 75° | 1.9 | 1.9 | 1.9 | 1.5 | 1.0 | 0.5 | 0.0 |
| 72.5° | 1.9 | 1.9 | 1.9 | 1.7 | 1.1 | 0.6 | 0.0 |
| 70° | 1.9 | 1.9 | 1.9 | 1.9 | 1.3 | 0.6 | 0.0 |
| 67.5° | 2.1 | 1.9 | 1.9 | 1.9 | 1.5 | 0.7 | 0.0 |
| 65° | 2.3 | 2.1 | 1.9 | 1.9 | 1.6 | 0.8 | 0.0 |
| 62.5° | 2.6 | 2.5 | 1.9 | 1.9 | 1.8 | 0.9 | 0.0 |
| 60° | 2.9 | 3.0 | 1.9 | 1.9 | 1.9 | 0.9 | 0.0 |
| 57.5° | 5.0 | 3.5 | 2.4 | 1.9 | 1.9 | 1.0 | 0.0 |
| 55° | 7.7 | 4.1 | 3.0 | 1.9 | 1.9 | 1.1 | 0.0 |
| 52.5° | 10.8 | 5.1 | 3.6 | 1.9 | 2.0 | 1.2 | 0.0 |
| 50° | 14.2 | 8.4 | 4.2 | 1.9 | 2.0 | 1.2 | 0.0 |
| 47.5° | 18.9 | 11.8 | 4.8 | 2.0 | 2.1 | 1.3 | 0.0 |
| 45° | 29.0 | 15.5 | 5.5 | 2.5 | 2.1 | 1.3 | 0.0 |
| 42.5° | 39.0 | 19.3 | 6.2 | 3.0 | 2.2 | 1.4 | 0.0 |
| 40° | 49.0 | 23.4 | 8.1 | 3.7 | 2.2 | 1.5 | 0.0 |
| 37.5° | 58.9 | 27.7 | 11.3 | 4.5 | 2.3 | 1.5 | 0.0 |
| 35° | 68.7 | 34.4 | 14.5 | 5.3 | 2.4 | 1.6 | 0.0 |
| 32.5° | 79.1 | 42.1 | 17.8 | 6.3 | 2.5 | 1.6 | 0.0 |
| 30° | 90.7 | 49.7 | 21.0 | 7.3 | 2.6 | 1.6 | 0.0 |
| 27.5° | 102.0 | 57.0 | 24.8 | 8.3 | 2.6 | 1.7 | 0.0 |
| 25° | 112.8 | 64.1 | 28.5 | 9.4 | 2.7 | 1.7 | 0.0 |
| 22.5° | 123.3 | 71.0 | 32.2 | 10.6 | 2.8 | 1.8 | 0.0 |
| 20° | 133.2 | 77.7 | 35.7 | 11.7 | 2.9 | 1.8 | 0.0 |
| 17.5° | 142.4 | 84.0 | 39.1 | 12.9 | 3.0 | 1.8 | 0.0 |
| 15° | 150.8 | 89.9 | 42.4 | 14.1 | 3.1 | 1.8 | 0.0 |
| 12.5° | 158.5 | 95.3 | 45.4 | 15.3 | 3.2 | 1.9 | 0.0 |
| 10° | 165.6 | 100.3 | 48.3 | 16.4 | 3.3 | 1.9 | 0.0 |
| 7.5° | 171.8 | 104.8 | 51.0 | 17.5 | 3.4 | 1.9 | 0.0 |
| 5° | 177.3 | 108.8 | 53.5 | 18.6 | 3.5 | 1.9 | 0.0 |
| 2.5° | 182.0 | 112.3 | 55.7 | 19.6 | 3.6 | 1.9 | 0.0 |
| 0° | 185.9 | 115.3 | 57.6 | 20.5 | 3.7 | 1.9 | 0.0 |
| -2.5° | 191.0 | 118.9 | 60.2 | 21.8 | 4.3 | 2.0 | 0.0 |
| -5° | 195.2 | 122.0 | 62.6 | 23.0 | 4.8 | 2.1 | 0.0 |
| -7.5° | 198.5 | 124.4 | 64.6 | 24.0 | 5.4 | 2.2 | 0.0 |
| -10° | 200.8 | 126.3 | 66.2 | 25.0 | 5.9 | 2.3 | 0.0 |
| -12.5° | 202.2 | 127.5 | 67.4 | 25.8 | 6.4 | 2.4 | 0.0 |
| -15° | 202.7 | 128.1 | 68.2 | 26.4 | 6.8 | 2.5 | 0.0 |
| -17.5° | 202.1 | 128.0 | 68.6 | 26.9 | 7.2 | 2.6 | 0.0 |
| -20° | 201.5 | 127.3 | 68.5 | 27.3 | 7.6 | 2.7 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P627452 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 201.6 | 125.9 | 68.0 | 27.4 | 8.0 | 2.7 | 0.0 |
| -25° | 200.7 | 125.5 | 67.0 | 27.4 | 8.3 | 2.8 | 0.0 |
| -27.5° | 198.8 | 124.9 | 65.4 | 27.2 | 8.5 | 2.8 | 0.0 |
| -30° | 195.9 | 123.6 | 63.5 | 26.8 | 8.7 | 2.8 | 0.0 |
| -32.5° | 191.9 | 121.5 | 62.7 | 26.3 | 8.9 | 2.8 | 0.0 |
| -35° | 188.2 | 118.6 | 61.4 | 25.5 | 9.0 | 2.8 | 0.0 |
| -37.5° | 183.9 | 115.4 | 59.5 | 24.5 | 9.0 | 2.8 | 0.0 |
| -40° | 178.6 | 112.6 | 57.2 | 23.4 | 9.0 | 2.8 | 0.0 |
| -42.5° | 172.3 | 109.0 | 55.5 | 22.3 | 8.9 | 2.8 | 0.0 |
| -45° | 165.0 | 104.8 | 54.4 | 21.4 | 8.7 | 2.7 | 0.0 |
| -47.5° | 156.6 | 99.8 | 52.7 | 20.3 | 8.5 | 2.7 | 0.0 |
| -50° | 149.3 | 94.1 | 50.5 | 19.9 | 8.3 | 2.6 | 0.0 |
| -52.5° | 141.5 | 87.8 | 47.7 | 19.6 | 7.9 | 2.5 | 0.0 |
| -55° | 132.7 | 82.7 | 44.4 | 19.1 | 7.6 | 2.4 | 0.0 |
| -57.5° | 123.2 | 77.1 | 40.6 | 18.3 | 7.1 | 2.3 | 0.0 |
| -60° | 113.0 | 70.7 | 36.4 | 17.3 | 6.7 | 2.1 | 0.0 |
| -62.5° | 103.1 | 63.6 | 33.9 | 16.1 | 6.3 | 2.0 | 0.0 |
| -65° | 92.2 | 55.8 | 31.0 | 14.7 | 5.8 | 1.9 | 0.0 |
| -67.5° | 80.4 | 48.8 | 27.7 | 13.0 | 5.3 | 1.7 | 0.0 |
| -70° | 67.8 | 42.8 | 24.1 | 11.2 | 4.8 | 1.5 | 0.0 |
| -72.5° | 57.7 | 36.4 | 20.2 | 9.9 | 4.3 | 1.4 | 0.0 |
| -75° | 47.3 | 29.5 | 16.0 | 8.7 | 3.7 | 1.2 | 0.0 |
| -77.5° | 36.5 | 22.2 | 13.3 | 7.3 | 3.1 | 1.0 | 0.0 |
| -80° | 25.2 | 17.0 | 10.7 | 5.9 | 2.5 | 0.8 | 0.0 |
| -82.5° | 18.6 | 12.8 | 8.1 | 4.5 | 1.9 | 0.6 | 0.0 |
| -85° | 12.5 | 8.6 | 5.5 | 3.0 | 1.3 | 0.4 | 0.0 |
| -87.5° | 6.3 | 4.3 | 2.7 | 1.5 | 0.6 | 0.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)