

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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-730-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N48
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14629 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

Beam Angle (50%): 79.6°H x 78.9°V
Beam Lumens: 8580 lumens
Beam Efficiency: 58.7%

Field Angle (10%): 135.9°H x 134.8°V
Field Lumens: 13946.2 lumens
Field Efficiency: 95.3%

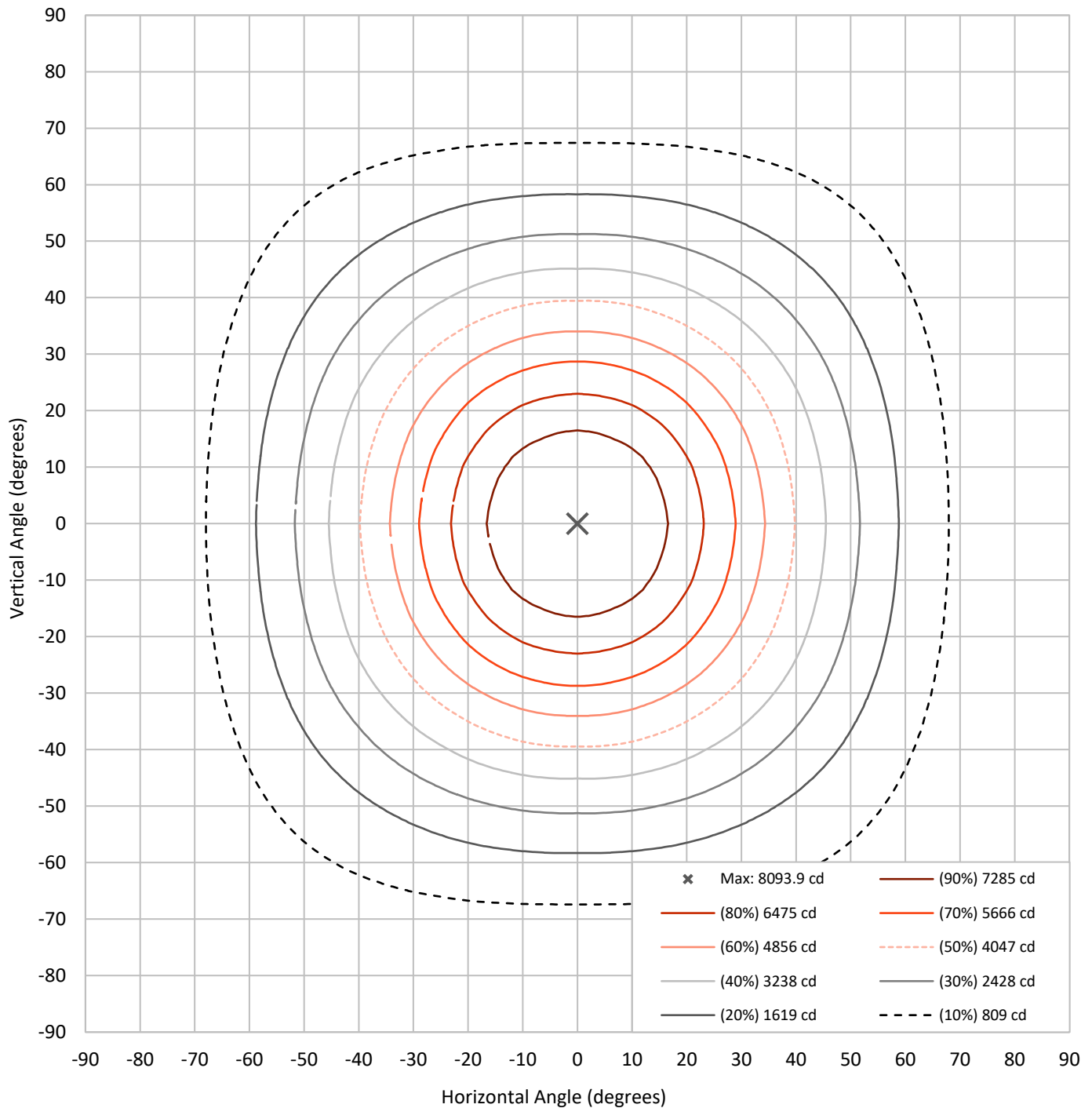
NEMA Type: 7H x 7V
Max Intensity: 8093.9 candela
Max Intensity Angle: 0°H x 0°V

Input Watts (W): 125.7
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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

Iso-Candela Plot





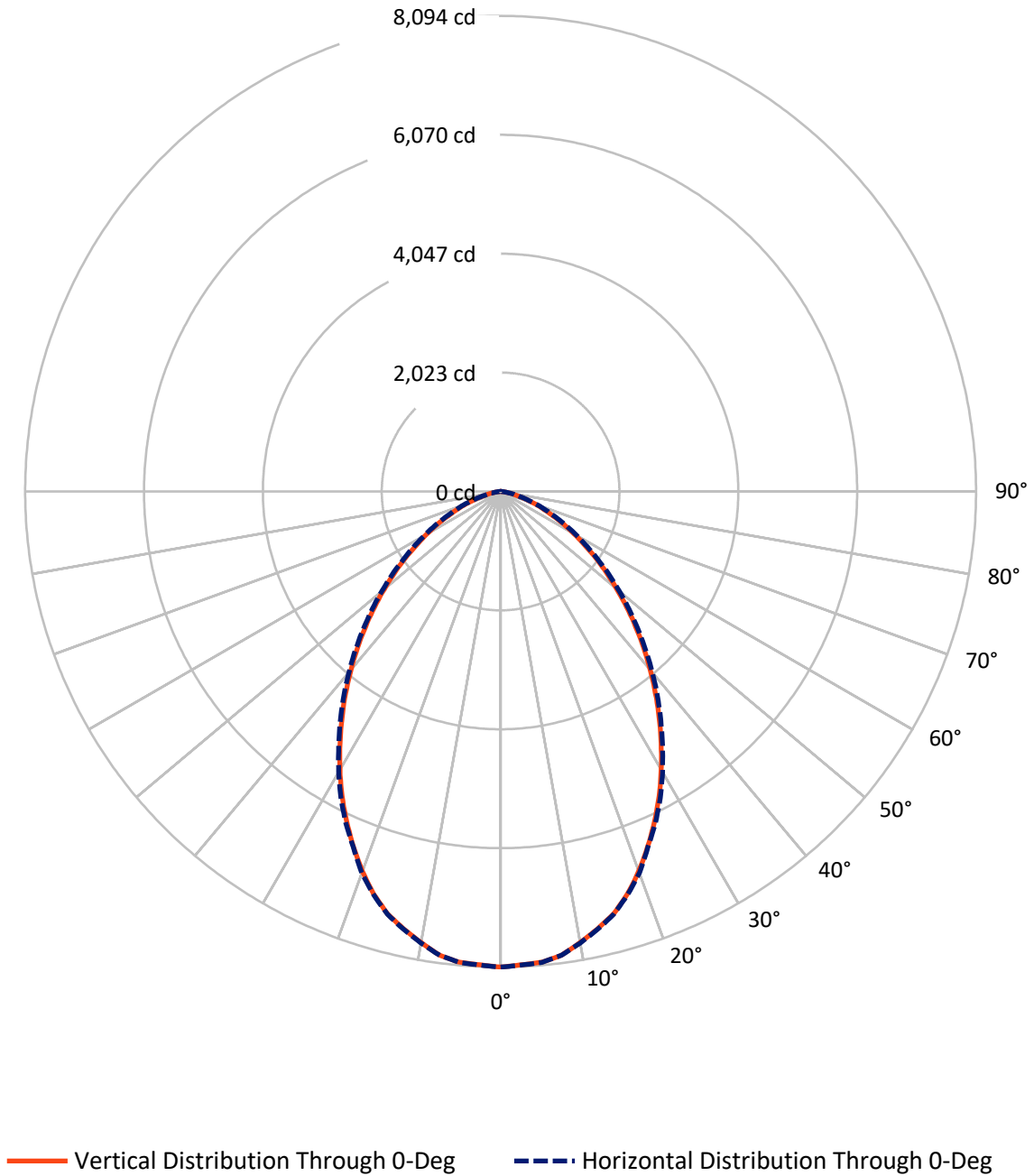
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--|--|--|-----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.5 | 6.0 | 16.3 | 27.7 | 26.1 | 27.7 | 16.3 | 6.0 | 0.5 | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 2.7 | 3.8 | 7.6 | 12.9 | 18.9 | 24.4 | 28.5 | 30.5 | 30.5 | 28.5 | 24.4 | 18.9 | 12.9 | 7.6 | 3.8 | | | | 2.7 |
| 50 | | | | | | | | | | | | | | | | | | | |
| 40 | 4.8 | 5.6 | 12.3 | 21.9 | 33.2 | 45.2 | 55.0 | 60.1 | 60.1 | 55.0 | 45.2 | 33.2 | 21.9 | 12.3 | 5.6 | | | | 4.8 |
| 30 | | | | | | | | | | | | | | | | | | | |
| 20 | 6.1 | 7.6 | 17.8 | 32.8 | 52.0 | 72.1 | 89.0 | 98.2 | 98.2 | 89.0 | 72.1 | 52.0 | 32.8 | 17.8 | 7.6 | | | | 6.1 |
| 10 | | | | | | | | | | | | | | | | | | | |
| 0 | 6.7 | 9.6 | 23.6 | 45.2 | 72.8 | 102.1 | 127.1 | 141.4 | 141.4 | 127.1 | 102.1 | 72.8 | 45.2 | 23.6 | 9.6 | | | | 6.7 |
| -10 | | | | | | | | | | | | | | | | | | | |
| -20 | 6.1 | 11.4 | 29.0 | 56.8 | 92.7 | 131.6 | 165.6 | 185.1 | 185.1 | 165.6 | 131.6 | 92.7 | 56.8 | 29.0 | 11.4 | | | | 6.1 |
| -30 | | | | | | | | | | | | | | | | | | | |
| -40 | 4.8 | 12.9 | 33.2 | 65.6 | 108.3 | 155.6 | 197.3 | 221.1 | 221.1 | 197.3 | 155.6 | 108.3 | 65.6 | 33.2 | 12.9 | | | | 4.8 |
| -50 | | | | | | | | | | | | | | | | | | | |
| -60 | 2.7 | 13.7 | 35.5 | 70.5 | 116.9 | 168.8 | 214.5 | 239.4 | 239.4 | 214.5 | 168.8 | 116.9 | 70.5 | 35.5 | 13.7 | | | | 2.7 |
| -70 | | | | | | | | | | | | | | | | | | | |
| -80 | 0.5 | 13.7 | 35.5 | 70.5 | 116.9 | 168.8 | 214.5 | 239.4 | 239.4 | 214.5 | 168.8 | 116.9 | 70.5 | 35.5 | 13.7 | | | | 0.5 |
| -90 | | | | | | | | | | | | | | | | | | | |

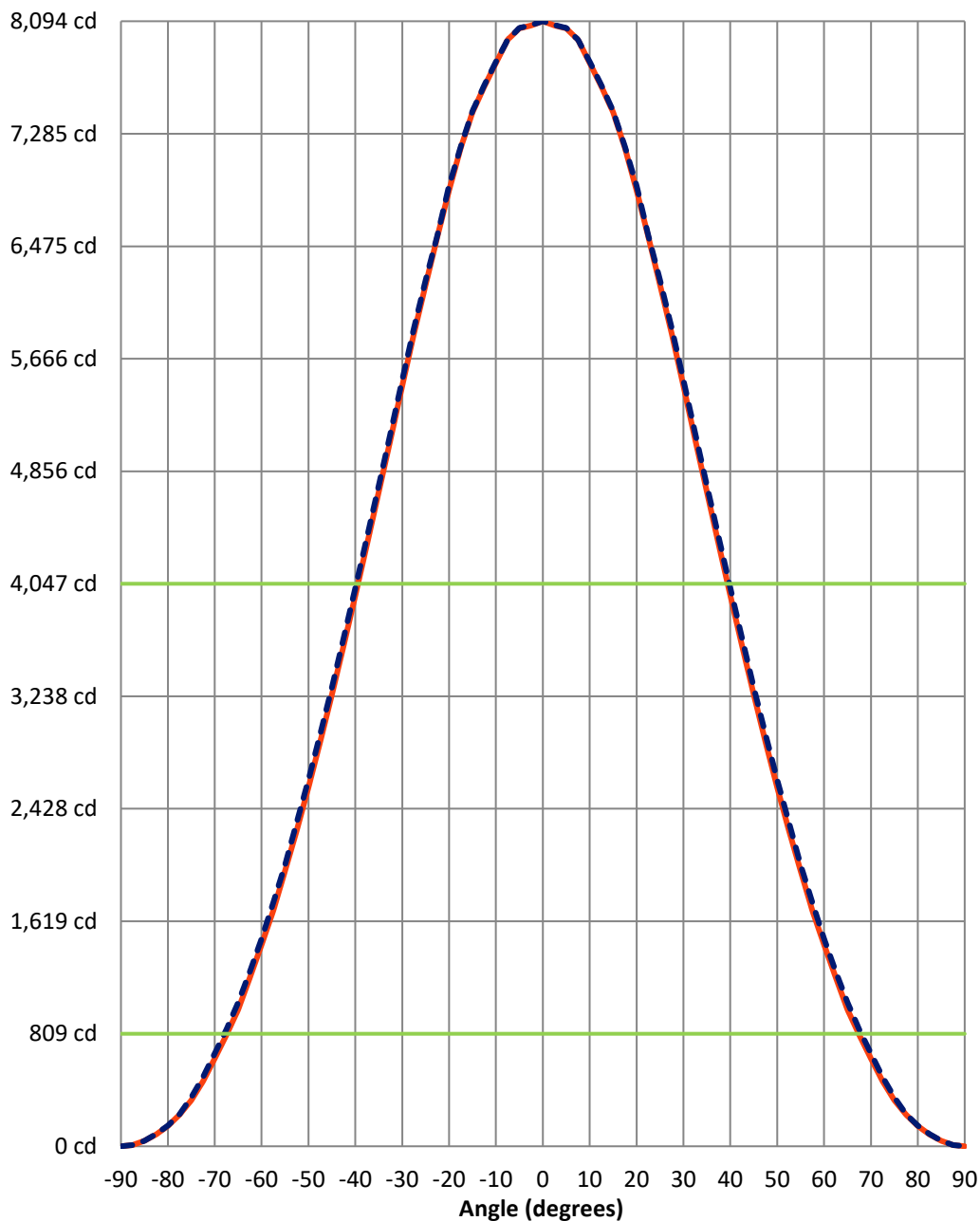
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 8580
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 13946.2
Efficiency: 95.3%

Spill:
Lumens: 682.8
Efficiency: 4.7%

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

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

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 | 0.5 | 1.1 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 5.1 |
| 85° | 0.0 | 0.9 | 2.1 | 3.2 | 4.2 | 5.2 | 6.3 | 7.3 | 8.3 | 9.3 | 10.2 |
| 82.5° | 0.0 | 1.4 | 3.1 | 4.7 | 6.3 | 7.8 | 9.4 | 10.9 | 13.6 | 21.5 | 29.0 |
| 80° | 0.0 | 1.8 | 4.2 | 6.3 | 8.4 | 10.4 | 14.1 | 25.1 | 35.7 | 45.9 | 55.7 |
| 77.5° | 0.0 | 2.3 | 5.2 | 7.8 | 10.4 | 16.4 | 30.8 | 44.7 | 57.7 | 70.3 | 85.8 |
| 75° | 0.0 | 2.7 | 6.2 | 9.4 | 13.6 | 28.3 | 47.1 | 64.1 | 80.4 | 102.9 | 126.7 |
| 72.5° | 0.0 | 3.2 | 7.2 | 10.9 | 21.7 | 40.0 | 62.8 | 84.9 | 110.6 | 137.9 | 166.9 |
| 70° | 0.0 | 3.6 | 8.1 | 13.0 | 29.5 | 51.2 | 78.6 | 109.9 | 140.1 | 172.3 | 210.0 |
| 67.5° | 0.0 | 4.0 | 9.1 | 17.9 | 37.0 | 62.0 | 97.5 | 134.3 | 169.0 | 209.7 | 252.8 |
| 65° | 0.0 | 4.4 | 10.0 | 22.5 | 44.2 | 74.0 | 115.5 | 158.1 | 200.2 | 245.9 | 292.9 |
| 62.5° | 0.0 | 4.8 | 10.9 | 27.0 | 51.0 | 87.1 | 132.7 | 182.9 | 230.4 | 280.6 | 328.8 |
| 60° | 0.0 | 5.2 | 11.7 | 31.2 | 57.4 | 99.6 | 148.9 | 207.5 | 259.4 | 313.0 | 364.2 |
| 57.5° | 0.0 | 5.6 | 14.1 | 35.1 | 66.0 | 111.3 | 165.9 | 230.5 | 288.0 | 344.8 | 397.7 |
| 55° | 0.0 | 5.9 | 16.4 | 38.8 | 74.1 | 122.2 | 182.1 | 250.3 | 316.2 | 375.6 | 430.0 |
| 52.5° | 0.0 | 6.3 | 18.6 | 42.2 | 81.7 | 132.5 | 197.0 | 271.0 | 343.6 | 404.0 | 461.4 |
| 50° | 0.0 | 6.6 | 20.7 | 45.3 | 88.6 | 143.5 | 210.7 | 290.5 | 369.7 | 431.5 | 497.3 |
| 47.5° | 0.0 | 6.9 | 22.7 | 48.6 | 95.0 | 153.5 | 223.5 | 308.7 | 393.4 | 458.1 | 532.5 |
| 45° | 0.0 | 7.2 | 24.7 | 52.8 | 100.7 | 162.6 | 237.8 | 325.5 | 411.8 | 488.2 | 566.2 |
| 42.5° | 0.0 | 7.5 | 26.5 | 56.6 | 105.7 | 170.6 | 250.9 | 340.9 | 429.4 | 517.0 | 605.9 |
| 40° | 0.0 | 7.7 | 28.2 | 60.5 | 110.8 | 177.7 | 262.7 | 355.6 | 447.7 | 544.0 | 644.6 |
| 37.5° | 0.0 | 7.9 | 29.8 | 64.4 | 115.9 | 183.6 | 273.3 | 369.4 | 468.3 | 569.6 | 680.9 |
| 35° | 0.0 | 8.2 | 31.3 | 68.0 | 120.2 | 190.6 | 282.7 | 382.5 | 488.3 | 599.1 | 717.4 |
| 32.5° | 0.0 | 8.4 | 32.7 | 71.3 | 123.8 | 197.5 | 291.4 | 394.7 | 507.7 | 627.4 | 756.1 |
| 30° | 0.0 | 8.5 | 33.9 | 74.3 | 126.7 | 203.4 | 300.4 | 406.9 | 526.5 | 654.5 | 792.3 |
| 27.5° | 0.0 | 8.7 | 35.0 | 77.1 | 131.0 | 208.3 | 308.5 | 421.1 | 545.7 | 680.2 | 825.8 |
| 25° | 0.0 | 8.8 | 36.0 | 79.5 | 135.1 | 212.2 | 315.6 | 434.3 | 565.9 | 706.4 | 856.9 |
| 22.5° | 0.0 | 8.9 | 36.9 | 81.7 | 138.7 | 216.1 | 321.7 | 446.4 | 584.4 | 731.1 | 889.9 |
| 20° | 0.0 | 9.0 | 37.7 | 83.6 | 141.8 | 221.5 | 326.8 | 457.2 | 601.2 | 753.3 | 919.5 |
| 17.5° | 0.0 | 9.1 | 38.3 | 85.2 | 144.4 | 225.9 | 333.1 | 466.8 | 616.2 | 772.7 | 945.7 |
| 15° | 0.0 | 9.2 | 38.9 | 86.4 | 146.5 | 229.3 | 339.6 | 475.9 | 629.2 | 789.3 | 968.2 |
| 12.5° | 0.0 | 9.2 | 39.3 | 87.4 | 148.1 | 231.8 | 344.9 | 484.5 | 641.0 | 803.1 | 987.1 |
| 10° | 0.0 | 9.2 | 39.5 | 88.1 | 149.2 | 233.3 | 349.0 | 491.1 | 651.1 | 816.1 | 1003.0 |
| 7.5° | 0.0 | 9.2 | 39.7 | 88.5 | 149.8 | 233.9 | 351.7 | 495.7 | 659.0 | 826.6 | 1016.8 |
| 5° | 0.0 | 9.2 | 39.7 | 88.6 | 149.9 | 233.7 | 353.2 | 498.3 | 664.3 | 834.1 | 1026.6 |
| 2.5° | 0.0 | 9.2 | 39.6 | 88.5 | 149.5 | 232.5 | 353.2 | 498.9 | 667.2 | 838.7 | 1032.5 |
| 0° | 0.0 | 9.1 | 39.4 | 88.0 | 148.7 | 230.6 | 351.9 | 497.5 | 667.4 | 840.3 | 1034.5 |
| -2.5° | 0.0 | 9.2 | 39.6 | 88.5 | 149.5 | 232.5 | 353.2 | 498.9 | 667.2 | 838.7 | 1032.5 |
| -5° | 0.0 | 9.2 | 39.7 | 88.6 | 149.9 | 233.7 | 353.2 | 498.3 | 664.3 | 834.1 | 1026.6 |
| -7.5° | 0.0 | 9.2 | 39.7 | 88.5 | 149.8 | 233.9 | 351.7 | 495.7 | 659.0 | 826.6 | 1016.8 |
| -10° | 0.0 | 9.2 | 39.5 | 88.1 | 149.2 | 233.3 | 349.0 | 491.1 | 651.1 | 816.1 | 1003.0 |
| -12.5° | 0.0 | 9.2 | 39.3 | 87.4 | 148.1 | 231.8 | 344.9 | 484.5 | 641.0 | 803.1 | 987.1 |
| -15° | 0.0 | 9.2 | 38.9 | 86.4 | 146.5 | 229.3 | 339.6 | 475.9 | 629.2 | 789.3 | 968.2 |
| -17.5° | 0.0 | 9.1 | 38.3 | 85.2 | 144.4 | 225.9 | 333.1 | 466.8 | 616.2 | 772.7 | 945.7 |
| -20° | 0.0 | 9.0 | 37.7 | 83.6 | 141.8 | 221.5 | 326.8 | 457.2 | 601.2 | 753.3 | 919.5 |

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Scaled Data Report



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 8.9 | 36.9 | 81.7 | 138.7 | 216.1 | 321.7 | 446.4 | 584.4 | 731.1 | 889.9 |
| -25° | 0.0 | 8.8 | 36.0 | 79.5 | 135.1 | 212.2 | 315.6 | 434.3 | 565.9 | 706.4 | 856.9 |
| -27.5° | 0.0 | 8.7 | 35.0 | 77.1 | 131.0 | 208.3 | 308.5 | 421.1 | 545.7 | 680.2 | 825.8 |
| -30° | 0.0 | 8.5 | 33.9 | 74.3 | 126.7 | 203.4 | 300.4 | 406.9 | 526.5 | 654.5 | 792.3 |
| -32.5° | 0.0 | 8.4 | 32.7 | 71.3 | 123.8 | 197.5 | 291.4 | 394.7 | 507.7 | 627.4 | 756.1 |
| -35° | 0.0 | 8.2 | 31.3 | 68.0 | 120.2 | 190.6 | 282.7 | 382.5 | 488.3 | 599.1 | 717.4 |
| -37.5° | 0.0 | 7.9 | 29.8 | 64.4 | 115.9 | 183.6 | 273.3 | 369.4 | 468.3 | 569.6 | 680.9 |
| -40° | 0.0 | 7.7 | 28.2 | 60.5 | 110.8 | 177.7 | 262.7 | 355.6 | 447.7 | 544.0 | 644.6 |
| -42.5° | 0.0 | 7.5 | 26.5 | 56.6 | 105.7 | 170.6 | 250.9 | 340.9 | 429.4 | 517.0 | 605.9 |
| -45° | 0.0 | 7.2 | 24.7 | 52.8 | 100.7 | 162.6 | 237.8 | 325.5 | 411.8 | 488.2 | 566.2 |
| -47.5° | 0.0 | 6.9 | 22.7 | 48.6 | 95.0 | 153.5 | 223.5 | 308.7 | 393.4 | 458.1 | 532.5 |
| -50° | 0.0 | 6.6 | 20.7 | 45.3 | 88.6 | 143.5 | 210.7 | 290.5 | 369.7 | 431.5 | 497.3 |
| -52.5° | 0.0 | 6.3 | 18.6 | 42.2 | 81.7 | 132.5 | 197.0 | 271.0 | 343.6 | 404.0 | 461.4 |
| -55° | 0.0 | 5.9 | 16.4 | 38.8 | 74.1 | 122.2 | 182.1 | 250.3 | 316.2 | 375.6 | 430.0 |
| -57.5° | 0.0 | 5.6 | 14.1 | 35.1 | 66.0 | 111.3 | 165.9 | 230.5 | 288.0 | 344.8 | 397.7 |
| -60° | 0.0 | 5.2 | 11.7 | 31.2 | 57.4 | 99.6 | 148.9 | 207.5 | 259.4 | 313.0 | 364.2 |
| -62.5° | 0.0 | 4.8 | 10.9 | 27.0 | 51.0 | 87.1 | 132.7 | 182.9 | 230.4 | 280.6 | 328.8 |
| -65° | 0.0 | 4.4 | 10.0 | 22.5 | 44.2 | 74.0 | 115.5 | 158.1 | 200.2 | 245.9 | 292.9 |
| -67.5° | 0.0 | 4.0 | 9.1 | 17.9 | 37.0 | 62.0 | 97.5 | 134.3 | 169.0 | 209.7 | 252.8 |
| -70° | 0.0 | 3.6 | 8.1 | 13.0 | 29.5 | 51.2 | 78.6 | 109.9 | 140.1 | 172.3 | 210.0 |
| -72.5° | 0.0 | 3.2 | 7.2 | 10.9 | 21.7 | 40.0 | 62.8 | 84.9 | 110.6 | 137.9 | 166.9 |
| -75° | 0.0 | 2.7 | 6.2 | 9.4 | 13.6 | 28.3 | 47.1 | 64.1 | 80.4 | 102.9 | 126.7 |
| -77.5° | 0.0 | 2.3 | 5.2 | 7.8 | 10.4 | 16.4 | 30.8 | 44.7 | 57.7 | 70.3 | 85.8 |
| -80° | 0.0 | 1.8 | 4.2 | 6.3 | 8.4 | 10.4 | 14.1 | 25.1 | 35.7 | 45.9 | 55.7 |
| -82.5° | 0.0 | 1.4 | 3.1 | 4.7 | 6.3 | 7.8 | 9.4 | 10.9 | 13.6 | 21.5 | 29.0 |
| -85° | 0.0 | 0.9 | 2.1 | 3.2 | 4.2 | 5.2 | 6.3 | 7.3 | 8.3 | 9.3 | 10.2 |
| -87.5° | 0.0 | 0.5 | 1.1 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 5.1 |
| -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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.9 | 6.8 | 7.7 | 8.7 | 8.8 | 8.8 | 8.7 | 8.6 | 8.9 | 9.3 | 9.6 |
| 85° | 11.9 | 13.6 | 18.9 | 24.0 | 26.5 | 28.0 | 28.7 | 28.6 | 33.2 | 38.6 | 44.4 |
| 82.5° | 36.9 | 44.5 | 51.8 | 58.7 | 60.4 | 60.5 | 59.9 | 60.1 | 71.0 | 83.5 | 96.3 |
| 80° | 65.7 | 75.3 | 88.1 | 99.5 | 104.4 | 107.0 | 108.2 | 108.0 | 121.8 | 140.2 | 159.5 |
| 77.5° | 104.2 | 120.5 | 134.7 | 146.7 | 153.2 | 158.9 | 163.5 | 167.1 | 184.9 | 208.1 | 231.2 |
| 75° | 148.2 | 166.1 | 183.8 | 199.2 | 210.0 | 218.0 | 225.4 | 237.4 | 260.7 | 287.8 | 311.4 |
| 72.5° | 194.6 | 217.3 | 237.0 | 253.8 | 268.9 | 285.0 | 303.0 | 322.8 | 347.3 | 374.4 | 399.1 |
| 70° | 244.0 | 269.0 | 289.7 | 309.9 | 330.5 | 354.6 | 381.6 | 408.2 | 435.6 | 465.5 | 494.3 |
| 67.5° | 292.4 | 316.5 | 340.9 | 366.4 | 397.2 | 429.5 | 461.5 | 498.1 | 535.6 | 568.8 | 598.5 |
| 65° | 334.5 | 362.8 | 393.2 | 427.8 | 465.9 | 506.9 | 549.6 | 593.5 | 641.1 | 681.0 | 717.3 |
| 62.5° | 374.6 | 408.7 | 445.7 | 488.7 | 537.4 | 585.9 | 640.3 | 695.3 | 748.9 | 795.9 | 839.3 |
| 60° | 411.6 | 452.9 | 499.7 | 552.4 | 609.2 | 673.7 | 735.7 | 798.3 | 857.0 | 910.2 | 965.1 |
| 57.5° | 447.7 | 499.6 | 555.7 | 619.0 | 690.9 | 763.3 | 836.1 | 903.4 | 969.9 | 1034.7 | 1096.8 |
| 55° | 485.8 | 548.3 | 615.1 | 692.8 | 773.8 | 859.5 | 937.9 | 1013.0 | 1086.3 | 1164.9 | 1239.7 |
| 52.5° | 527.7 | 597.5 | 681.1 | 768.1 | 861.7 | 953.7 | 1039.8 | 1125.4 | 1213.9 | 1302.9 | 1400.2 |
| 50° | 568.2 | 655.2 | 746.8 | 848.0 | 949.1 | 1047.6 | 1146.4 | 1244.9 | 1351.0 | 1460.2 | 1570.5 |
| 47.5° | 615.5 | 710.4 | 818.7 | 927.2 | 1037.6 | 1147.3 | 1257.3 | 1376.4 | 1497.0 | 1623.6 | 1745.6 |
| 45° | 663.3 | 770.1 | 886.7 | 1009.4 | 1128.9 | 1250.3 | 1378.9 | 1510.6 | 1651.9 | 1791.2 | 1938.0 |
| 42.5° | 708.6 | 829.3 | 957.9 | 1090.5 | 1223.3 | 1358.9 | 1500.4 | 1654.3 | 1808.7 | 1969.3 | 2130.6 |
| 40° | 758.9 | 885.7 | 1027.5 | 1173.5 | 1317.6 | 1468.0 | 1629.7 | 1796.3 | 1971.0 | 2147.6 | 2322.8 |
| 37.5° | 807.2 | 946.6 | 1095.6 | 1252.8 | 1414.5 | 1579.8 | 1755.3 | 1944.4 | 2133.9 | 2324.0 | 2517.1 |
| 35° | 852.4 | 1004.3 | 1165.7 | 1332.6 | 1504.1 | 1692.1 | 1888.3 | 2090.2 | 2295.5 | 2501.0 | 2708.8 |
| 32.5° | 898.9 | 1058.7 | 1232.7 | 1411.3 | 1600.3 | 1801.9 | 2016.8 | 2235.6 | 2454.2 | 2673.7 | 2901.1 |
| 30° | 945.5 | 1115.8 | 1297.6 | 1485.7 | 1692.5 | 1912.1 | 2143.1 | 2374.9 | 2606.1 | 2847.7 | 3090.1 |
| 27.5° | 989.6 | 1170.0 | 1361.4 | 1562.6 | 1780.8 | 2014.1 | 2259.5 | 2507.8 | 2757.1 | 3013.9 | 3272.5 |
| 25° | 1030.2 | 1221.3 | 1420.5 | 1636.7 | 1867.9 | 2112.4 | 2368.0 | 2627.0 | 2900.5 | 3175.3 | 3445.3 |
| 22.5° | 1069.7 | 1268.4 | 1475.3 | 1704.9 | 1946.8 | 2203.6 | 2469.8 | 2743.3 | 3029.0 | 3324.2 | 3603.6 |
| 20° | 1107.8 | 1313.2 | 1528.7 | 1766.7 | 2017.5 | 2285.7 | 2562.3 | 2848.7 | 3148.5 | 3451.5 | 3752.0 |
| 17.5° | 1141.6 | 1353.1 | 1578.4 | 1824.5 | 2085.0 | 2360.8 | 2645.6 | 2941.4 | 3254.6 | 3568.7 | 3887.1 |
| 15° | 1171.0 | 1387.8 | 1621.4 | 1874.9 | 2144.6 | 2429.0 | 2722.9 | 3027.2 | 3348.4 | 3675.4 | 4006.5 |
| 12.5° | 1195.9 | 1417.2 | 1657.6 | 1917.8 | 2195.2 | 2487.5 | 2789.4 | 3104.4 | 3434.2 | 3770.4 | 4111.0 |
| 10° | 1216.1 | 1441.2 | 1686.9 | 1952.8 | 2236.6 | 2535.9 | 2844.1 | 3168.0 | 3507.7 | 3851.2 | 4199.0 |
| 7.5° | 1233.3 | 1461.2 | 1710.1 | 1979.9 | 2268.4 | 2573.7 | 2886.8 | 3217.6 | 3566.3 | 3914.3 | 4269.6 |
| 5° | 1245.9 | 1477.4 | 1731.5 | 2002.5 | 2296.1 | 2603.3 | 2919.1 | 3253.0 | 3609.1 | 3959.1 | 4320.9 |
| 2.5° | 1253.4 | 1487.9 | 1746.0 | 2017.2 | 2317.9 | 2625.5 | 2947.7 | 3284.2 | 3640.5 | 3994.7 | 4359.4 |
| 0° | 1255.9 | 1492.6 | 1753.5 | 2023.5 | 2329.9 | 2636.3 | 2963.9 | 3300.7 | 3655.6 | 4016.6 | 4383.7 |
| -2.5° | 1253.4 | 1487.9 | 1746.0 | 2017.2 | 2317.9 | 2625.5 | 2947.7 | 3284.2 | 3640.5 | 3994.7 | 4359.4 |
| -5° | 1245.9 | 1477.4 | 1731.5 | 2002.5 | 2296.1 | 2603.3 | 2919.1 | 3253.0 | 3609.1 | 3959.1 | 4320.9 |
| -7.5° | 1233.3 | 1461.2 | 1710.1 | 1979.9 | 2268.4 | 2573.7 | 2886.8 | 3217.6 | 3566.3 | 3914.3 | 4269.6 |
| -10° | 1216.1 | 1441.2 | 1686.9 | 1952.8 | 2236.6 | 2535.9 | 2844.1 | 3168.0 | 3507.7 | 3851.2 | 4199.0 |
| -12.5° | 1195.9 | 1417.2 | 1657.6 | 1917.8 | 2195.2 | 2487.5 | 2789.4 | 3104.4 | 3434.2 | 3770.4 | 4111.0 |
| -15° | 1171.0 | 1387.8 | 1621.4 | 1874.9 | 2144.6 | 2429.0 | 2722.9 | 3027.2 | 3348.4 | 3675.4 | 4006.5 |
| -17.5° | 1141.6 | 1353.1 | 1578.4 | 1824.5 | 2085.0 | 2360.8 | 2645.6 | 2941.4 | 3254.6 | 3568.7 | 3887.1 |
| -20° | 1107.8 | 1313.2 | 1528.7 | 1766.7 | 2017.5 | 2285.7 | 2562.3 | 2848.7 | 3148.5 | 3451.5 | 3752.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1069.7 | 1268.4 | 1475.3 | 1704.9 | 1946.8 | 2203.6 | 2469.8 | 2743.3 | 3029.0 | 3324.2 | 3603.6 |
| -25° | 1030.2 | 1221.3 | 1420.5 | 1636.7 | 1867.9 | 2112.4 | 2368.0 | 2627.0 | 2900.5 | 3175.3 | 3445.3 |
| -27.5° | 989.6 | 1170.0 | 1361.4 | 1562.6 | 1780.8 | 2014.1 | 2259.5 | 2507.8 | 2757.1 | 3013.9 | 3272.5 |
| -30° | 945.5 | 1115.8 | 1297.6 | 1485.7 | 1692.5 | 1912.1 | 2143.1 | 2374.9 | 2606.1 | 2847.7 | 3090.1 |
| -32.5° | 898.9 | 1058.7 | 1232.7 | 1411.3 | 1600.3 | 1801.9 | 2016.8 | 2235.6 | 2454.2 | 2673.7 | 2901.1 |
| -35° | 852.4 | 1004.3 | 1165.7 | 1332.6 | 1504.1 | 1692.1 | 1888.3 | 2090.2 | 2295.5 | 2501.0 | 2708.8 |
| -37.5° | 807.2 | 946.6 | 1095.6 | 1252.8 | 1414.5 | 1579.8 | 1755.3 | 1944.4 | 2133.9 | 2324.0 | 2517.1 |
| -40° | 758.9 | 885.7 | 1027.5 | 1173.5 | 1317.6 | 1468.0 | 1629.7 | 1796.3 | 1971.0 | 2147.6 | 2322.8 |
| -42.5° | 708.6 | 829.3 | 957.9 | 1090.5 | 1223.3 | 1358.9 | 1500.4 | 1654.3 | 1808.7 | 1969.3 | 2130.6 |
| -45° | 663.3 | 770.1 | 886.7 | 1009.4 | 1128.9 | 1250.3 | 1378.9 | 1510.6 | 1651.9 | 1791.2 | 1938.0 |
| -47.5° | 615.5 | 710.4 | 818.7 | 927.2 | 1037.6 | 1147.3 | 1257.3 | 1376.4 | 1497.0 | 1623.6 | 1745.6 |
| -50° | 568.2 | 655.2 | 746.8 | 848.0 | 949.1 | 1047.6 | 1146.4 | 1244.9 | 1351.0 | 1460.2 | 1570.5 |
| -52.5° | 527.7 | 597.5 | 681.1 | 768.1 | 861.7 | 953.7 | 1039.8 | 1125.4 | 1213.9 | 1302.9 | 1400.2 |
| -55° | 485.8 | 548.3 | 615.1 | 692.8 | 773.8 | 859.5 | 937.9 | 1013.0 | 1086.3 | 1164.9 | 1239.7 |
| -57.5° | 447.7 | 499.6 | 555.7 | 619.0 | 690.9 | 763.3 | 836.1 | 903.4 | 969.9 | 1034.7 | 1096.8 |
| -60° | 411.6 | 452.9 | 499.7 | 552.4 | 609.2 | 673.7 | 735.7 | 798.3 | 857.0 | 910.2 | 965.1 |
| -62.5° | 374.6 | 408.7 | 445.7 | 488.7 | 537.4 | 585.9 | 640.3 | 695.3 | 748.9 | 795.9 | 839.3 |
| -65° | 334.5 | 362.8 | 393.2 | 427.8 | 465.9 | 506.9 | 549.6 | 593.5 | 641.1 | 681.0 | 717.3 |
| -67.5° | 292.4 | 316.5 | 340.9 | 366.4 | 397.2 | 429.5 | 461.5 | 498.1 | 535.6 | 568.8 | 598.5 |
| -70° | 244.0 | 269.0 | 289.7 | 309.9 | 330.5 | 354.6 | 381.6 | 408.2 | 435.6 | 465.5 | 494.3 |
| -72.5° | 194.6 | 217.3 | 237.0 | 253.8 | 268.9 | 285.0 | 303.0 | 322.8 | 347.3 | 374.4 | 399.1 |
| -75° | 148.2 | 166.1 | 183.8 | 199.2 | 210.0 | 218.0 | 225.4 | 237.4 | 260.7 | 287.8 | 311.4 |
| -77.5° | 104.2 | 120.5 | 134.7 | 146.7 | 153.2 | 158.9 | 163.5 | 167.1 | 184.9 | 208.1 | 231.2 |
| -80° | 65.7 | 75.3 | 88.1 | 99.5 | 104.4 | 107.0 | 108.2 | 108.0 | 121.8 | 140.2 | 159.5 |
| -82.5° | 36.9 | 44.5 | 51.8 | 58.7 | 60.4 | 60.5 | 59.9 | 60.1 | 71.0 | 83.5 | 96.3 |
| -85° | 11.9 | 13.6 | 18.9 | 24.0 | 26.5 | 28.0 | 28.7 | 28.6 | 33.2 | 38.6 | 44.4 |
| -87.5° | 5.9 | 6.8 | 7.7 | 8.7 | 8.8 | 8.8 | 8.7 | 8.6 | 8.9 | 9.3 | 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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-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° | 9.9 | 10.2 | 10.5 | 10.7 | 11.0 | 11.2 | 11.4 | 11.5 | 11.7 | 11.1 | 10.4 |
| 85° | 50.7 | 54.2 | 57.6 | 60.8 | 63.8 | 66.7 | 69.4 | 72.0 | 74.3 | 67.9 | 60.7 |
| 82.5° | 109.4 | 118.2 | 126.5 | 134.9 | 143.1 | 145.2 | 145.9 | 145.6 | 144.4 | 133.1 | 120.5 |
| 80° | 178.6 | 193.5 | 207.5 | 221.5 | 235.2 | 236.7 | 235.2 | 232.3 | 228.3 | 213.5 | 196.7 |
| 77.5° | 254.2 | 272.9 | 289.3 | 304.3 | 318.0 | 320.6 | 320.2 | 319.5 | 318.4 | 303.2 | 284.9 |
| 75° | 331.6 | 349.9 | 367.6 | 382.6 | 395.2 | 400.9 | 403.7 | 405.7 | 406.8 | 395.9 | 381.7 |
| 72.5° | 421.4 | 440.5 | 456.1 | 470.6 | 483.0 | 491.9 | 498.3 | 503.1 | 506.4 | 503.1 | 497.3 |
| 70° | 518.8 | 539.2 | 556.4 | 572.9 | 589.7 | 603.1 | 613.2 | 620.5 | 625.2 | 628.2 | 630.4 |
| 67.5° | 628.5 | 655.9 | 679.9 | 700.3 | 720.5 | 739.5 | 755.1 | 767.8 | 777.7 | 786.0 | 792.5 |
| 65° | 752.1 | 787.1 | 818.2 | 846.8 | 872.9 | 900.5 | 923.1 | 942.0 | 957.3 | 969.9 | 980.0 |
| 62.5° | 882.0 | 925.0 | 964.9 | 1003.7 | 1041.6 | 1079.0 | 1107.7 | 1133.8 | 1157.0 | 1177.0 | 1192.9 |
| 60° | 1017.0 | 1065.9 | 1119.5 | 1170.6 | 1217.7 | 1260.6 | 1303.3 | 1340.3 | 1371.9 | 1398.2 | 1419.4 |
| 57.5° | 1162.2 | 1225.4 | 1288.0 | 1351.5 | 1411.5 | 1467.7 | 1520.2 | 1566.6 | 1605.8 | 1638.0 | 1665.0 |
| 55° | 1318.9 | 1398.0 | 1470.6 | 1550.8 | 1628.2 | 1698.6 | 1760.7 | 1815.2 | 1862.4 | 1901.9 | 1935.4 |
| 52.5° | 1491.3 | 1587.4 | 1681.8 | 1772.9 | 1860.8 | 1942.5 | 2016.8 | 2080.3 | 2136.8 | 2185.2 | 2223.9 |
| 50° | 1679.9 | 1789.9 | 1899.2 | 2000.6 | 2101.6 | 2195.8 | 2281.0 | 2354.7 | 2420.4 | 2477.3 | 2522.1 |
| 47.5° | 1877.2 | 2002.3 | 2124.5 | 2240.6 | 2352.3 | 2457.0 | 2549.2 | 2633.2 | 2715.2 | 2782.0 | 2834.8 |
| 45° | 2082.0 | 2222.4 | 2357.2 | 2489.8 | 2612.9 | 2730.3 | 2844.0 | 2948.6 | 3032.7 | 3106.4 | 3168.2 |
| 42.5° | 2289.3 | 2446.0 | 2596.8 | 2741.6 | 2876.9 | 3012.6 | 3140.6 | 3254.9 | 3350.9 | 3434.6 | 3504.9 |
| 40° | 2499.3 | 2670.8 | 2837.0 | 2994.9 | 3149.6 | 3297.6 | 3436.0 | 3556.6 | 3664.7 | 3764.2 | 3847.1 |
| 37.5° | 2708.3 | 2897.0 | 3081.1 | 3258.0 | 3428.3 | 3588.6 | 3738.1 | 3874.4 | 3996.5 | 4109.7 | 4201.7 |
| 35° | 2918.2 | 3125.2 | 3326.8 | 3521.4 | 3707.4 | 3884.3 | 4048.0 | 4203.1 | 4347.0 | 4461.7 | 4555.8 |
| 32.5° | 3127.2 | 3349.8 | 3569.2 | 3783.4 | 3987.1 | 4177.8 | 4355.2 | 4526.5 | 4674.5 | 4800.6 | 4908.8 |
| 30° | 3329.6 | 3570.7 | 3809.6 | 4041.9 | 4261.8 | 4468.5 | 4664.9 | 4846.1 | 5005.2 | 5143.1 | 5264.5 |
| 27.5° | 3528.1 | 3787.1 | 4043.4 | 4291.6 | 4529.4 | 4754.0 | 4968.4 | 5164.8 | 5338.5 | 5488.4 | 5616.4 |
| 25° | 3715.8 | 3994.1 | 4267.3 | 4530.5 | 4784.6 | 5032.3 | 5263.7 | 5478.1 | 5663.6 | 5828.2 | 5959.7 |
| 22.5° | 3895.0 | 4191.9 | 4479.0 | 4755.8 | 5027.5 | 5294.5 | 5547.9 | 5771.8 | 5968.4 | 6140.4 | 6286.0 |
| 20° | 4062.0 | 4380.1 | 4673.9 | 4966.6 | 5252.8 | 5538.0 | 5810.1 | 6046.3 | 6254.3 | 6437.4 | 6597.8 |
| 17.5° | 4218.1 | 4544.5 | 4853.7 | 5165.4 | 5467.1 | 5766.2 | 6042.6 | 6295.8 | 6520.2 | 6714.7 | 6882.7 |
| 15° | 4350.3 | 4679.9 | 5017.6 | 5350.3 | 5668.5 | 5971.4 | 6247.6 | 6512.0 | 6761.2 | 6971.5 | 7141.8 |
| 12.5° | 4457.3 | 4800.0 | 5152.4 | 5505.6 | 5842.1 | 6144.6 | 6433.7 | 6701.9 | 6963.7 | 7199.9 | 7356.5 |
| 10° | 4548.5 | 4901.4 | 5265.2 | 5625.4 | 5966.4 | 6286.4 | 6600.8 | 6884.4 | 7141.6 | 7353.1 | 7528.0 |
| 7.5° | 4627.4 | 4990.9 | 5360.3 | 5721.2 | 6061.0 | 6391.7 | 6715.3 | 7016.5 | 7276.2 | 7475.5 | 7631.4 |
| 5° | 4685.5 | 5057.7 | 5434.2 | 5798.4 | 6143.0 | 6474.8 | 6799.8 | 7097.3 | 7350.7 | 7553.5 | 7723.6 |
| 2.5° | 4727.2 | 5102.8 | 5482.1 | 5846.8 | 6198.9 | 6531.5 | 6864.8 | 7165.5 | 7411.0 | 7596.7 | 7759.6 |
| 0° | 4753.8 | 5130.0 | 5512.2 | 5885.4 | 6231.2 | 6552.8 | 6910.7 | 7192.9 | 7447.7 | 7632.8 | 7802.6 |
| -2.5° | 4727.2 | 5102.8 | 5482.1 | 5846.8 | 6198.9 | 6531.5 | 6864.8 | 7165.5 | 7411.0 | 7596.7 | 7759.6 |
| -5° | 4685.5 | 5057.7 | 5434.2 | 5798.4 | 6143.0 | 6474.8 | 6799.8 | 7097.3 | 7350.7 | 7553.5 | 7723.6 |
| -7.5° | 4627.4 | 4990.9 | 5360.3 | 5721.2 | 6061.0 | 6391.7 | 6715.3 | 7016.5 | 7276.2 | 7475.5 | 7631.4 |
| -10° | 4548.5 | 4901.4 | 5265.2 | 5625.4 | 5966.4 | 6286.4 | 6600.8 | 6884.4 | 7141.6 | 7353.1 | 7528.0 |
| -12.5° | 4457.3 | 4800.0 | 5152.4 | 5505.6 | 5842.1 | 6144.6 | 6433.7 | 6701.9 | 6963.7 | 7199.9 | 7356.5 |
| -15° | 4350.3 | 4679.9 | 5017.6 | 5350.3 | 5668.5 | 5971.4 | 6247.6 | 6512.0 | 6761.2 | 6971.5 | 7141.8 |
| -17.5° | 4218.1 | 4544.5 | 4853.7 | 5165.4 | 5467.1 | 5766.2 | 6042.6 | 6295.8 | 6520.2 | 6714.7 | 6882.7 |
| -20° | 4062.0 | 4380.1 | 4673.9 | 4966.6 | 5252.8 | 5538.0 | 5810.1 | 6046.3 | 6254.3 | 6437.4 | 6597.8 |



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3895.0 | 4191.9 | 4479.0 | 4755.8 | 5027.5 | 5294.5 | 5547.9 | 5771.8 | 5968.4 | 6140.4 | 6286.0 |
| -25° | 3715.8 | 3994.1 | 4267.3 | 4530.5 | 4784.6 | 5032.3 | 5263.7 | 5478.1 | 5663.6 | 5828.2 | 5959.7 |
| -27.5° | 3528.1 | 3787.1 | 4043.4 | 4291.6 | 4529.4 | 4754.0 | 4968.4 | 5164.8 | 5338.5 | 5488.4 | 5616.4 |
| -30° | 3329.6 | 3570.7 | 3809.6 | 4041.9 | 4261.8 | 4468.5 | 4664.9 | 4846.1 | 5005.2 | 5143.1 | 5264.5 |
| -32.5° | 3127.2 | 3349.8 | 3569.2 | 3783.4 | 3987.1 | 4177.8 | 4355.2 | 4526.5 | 4674.5 | 4800.6 | 4908.8 |
| -35° | 2918.2 | 3125.2 | 3326.8 | 3521.4 | 3707.4 | 3884.3 | 4048.0 | 4203.1 | 4347.0 | 4461.7 | 4555.8 |
| -37.5° | 2708.3 | 2897.0 | 3081.1 | 3258.0 | 3428.3 | 3588.6 | 3738.1 | 3874.4 | 3996.5 | 4109.7 | 4201.7 |
| -40° | 2499.3 | 2670.8 | 2837.0 | 2994.9 | 3149.6 | 3297.6 | 3436.0 | 3556.6 | 3664.7 | 3764.2 | 3847.1 |
| -42.5° | 2289.3 | 2446.0 | 2596.8 | 2741.6 | 2876.9 | 3012.6 | 3140.6 | 3254.9 | 3350.9 | 3434.6 | 3504.9 |
| -45° | 2082.0 | 2222.4 | 2357.2 | 2489.8 | 2612.9 | 2730.3 | 2844.0 | 2948.6 | 3032.7 | 3106.4 | 3168.2 |
| -47.5° | 1877.2 | 2002.3 | 2124.5 | 2240.6 | 2352.3 | 2457.0 | 2549.2 | 2633.2 | 2715.2 | 2782.0 | 2834.8 |
| -50° | 1679.9 | 1789.9 | 1899.2 | 2000.6 | 2101.6 | 2195.8 | 2281.0 | 2354.7 | 2420.4 | 2477.3 | 2522.1 |
| -52.5° | 1491.3 | 1587.4 | 1681.8 | 1772.9 | 1860.8 | 1942.5 | 2016.8 | 2080.3 | 2136.8 | 2185.2 | 2223.9 |
| -55° | 1318.9 | 1398.0 | 1470.6 | 1550.8 | 1628.2 | 1698.6 | 1760.7 | 1815.2 | 1862.4 | 1901.9 | 1935.4 |
| -57.5° | 1162.2 | 1225.4 | 1288.0 | 1351.5 | 1411.5 | 1467.7 | 1520.2 | 1566.6 | 1605.8 | 1638.0 | 1665.0 |
| -60° | 1017.0 | 1065.9 | 1119.5 | 1170.6 | 1217.7 | 1260.6 | 1303.3 | 1340.3 | 1371.9 | 1398.2 | 1419.4 |
| -62.5° | 882.0 | 925.0 | 964.9 | 1003.7 | 1041.6 | 1079.0 | 1107.7 | 1133.8 | 1157.0 | 1177.0 | 1192.9 |
| -65° | 752.1 | 787.1 | 818.2 | 846.8 | 872.9 | 900.5 | 923.1 | 942.0 | 957.3 | 969.9 | 980.0 |
| -67.5° | 628.5 | 655.9 | 679.9 | 700.3 | 720.5 | 739.5 | 755.1 | 767.8 | 777.7 | 786.0 | 792.5 |
| -70° | 518.8 | 539.2 | 556.4 | 572.9 | 589.7 | 603.1 | 613.2 | 620.5 | 625.2 | 628.2 | 630.4 |
| -72.5° | 421.4 | 440.5 | 456.1 | 470.6 | 483.0 | 491.9 | 498.3 | 503.1 | 506.4 | 503.1 | 497.3 |
| -75° | 331.6 | 349.9 | 367.6 | 382.6 | 395.2 | 400.9 | 403.7 | 405.7 | 406.8 | 395.9 | 381.7 |
| -77.5° | 254.2 | 272.9 | 289.3 | 304.3 | 318.0 | 320.6 | 320.2 | 319.5 | 318.4 | 303.2 | 284.9 |
| -80° | 178.6 | 193.5 | 207.5 | 221.5 | 235.2 | 236.7 | 235.2 | 232.3 | 228.3 | 213.5 | 196.7 |
| -82.5° | 109.4 | 118.2 | 126.5 | 134.9 | 143.1 | 145.2 | 145.9 | 145.6 | 144.4 | 133.1 | 120.5 |
| -85° | 50.7 | 54.2 | 57.6 | 60.8 | 63.8 | 66.7 | 69.4 | 72.0 | 74.3 | 67.9 | 60.7 |
| -87.5° | 9.9 | 10.2 | 10.5 | 10.7 | 11.0 | 11.2 | 11.4 | 11.5 | 11.7 | 11.1 | 10.4 |
| -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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-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° | 9.8 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.8 | 10.4 | 11.1 | 11.7 | 11.5 |
| 85° | 53.2 | 45.3 | 42.4 | 39.4 | 42.4 | 45.3 | 53.2 | 60.7 | 67.9 | 74.3 | 72.0 |
| 82.5° | 107.4 | 93.7 | 89.4 | 84.9 | 89.4 | 93.7 | 107.4 | 120.5 | 133.1 | 144.4 | 145.6 |
| 80° | 178.9 | 160.4 | 153.1 | 145.6 | 153.1 | 160.4 | 178.9 | 196.7 | 213.5 | 228.3 | 232.3 |
| 77.5° | 265.5 | 245.1 | 236.4 | 227.5 | 236.4 | 245.1 | 265.5 | 284.9 | 303.2 | 318.4 | 319.5 |
| 75° | 366.6 | 350.7 | 341.1 | 330.7 | 341.1 | 350.7 | 366.6 | 381.7 | 395.9 | 406.8 | 405.7 |
| 72.5° | 490.6 | 482.8 | 475.8 | 467.2 | 475.8 | 482.8 | 490.6 | 497.3 | 503.1 | 506.4 | 503.1 |
| 70° | 631.1 | 630.1 | 631.4 | 631.0 | 631.4 | 630.1 | 631.1 | 630.4 | 628.2 | 625.2 | 620.5 |
| 67.5° | 795.8 | 796.0 | 799.4 | 800.9 | 799.4 | 796.0 | 795.8 | 792.5 | 786.0 | 777.7 | 767.8 |
| 65° | 986.2 | 988.5 | 987.7 | 982.9 | 987.7 | 988.5 | 986.2 | 980.0 | 969.9 | 957.3 | 942.0 |
| 62.5° | 1204.2 | 1210.7 | 1214.3 | 1213.5 | 1214.3 | 1210.7 | 1204.2 | 1192.9 | 1177.0 | 1157.0 | 1133.8 |
| 60° | 1435.2 | 1445.5 | 1450.6 | 1450.1 | 1450.6 | 1445.5 | 1435.2 | 1419.4 | 1398.2 | 1371.9 | 1340.3 |
| 57.5° | 1685.1 | 1698.3 | 1701.3 | 1695.8 | 1701.3 | 1698.3 | 1685.1 | 1665.0 | 1638.0 | 1605.8 | 1566.6 |
| 55° | 1960.7 | 1977.6 | 1984.1 | 1981.0 | 1984.1 | 1977.6 | 1960.7 | 1935.4 | 1901.9 | 1862.4 | 1815.2 |
| 52.5° | 2252.2 | 2270.4 | 2276.9 | 2272.2 | 2276.9 | 2270.4 | 2252.2 | 2223.9 | 2185.2 | 2136.8 | 2080.3 |
| 50° | 2554.9 | 2577.0 | 2585.9 | 2581.7 | 2585.9 | 2577.0 | 2554.9 | 2522.1 | 2477.3 | 2420.4 | 2354.7 |
| 47.5° | 2876.3 | 2905.6 | 2917.0 | 2909.3 | 2917.0 | 2905.6 | 2876.3 | 2834.8 | 2782.0 | 2715.2 | 2633.2 |
| 45° | 3214.5 | 3244.9 | 3256.7 | 3249.1 | 3256.7 | 3244.9 | 3214.5 | 3168.2 | 3106.4 | 3032.7 | 2948.6 |
| 42.5° | 3558.6 | 3598.2 | 3614.9 | 3601.0 | 3614.9 | 3598.2 | 3558.6 | 3504.9 | 3434.6 | 3350.9 | 3254.9 |
| 40° | 3908.9 | 3951.8 | 3971.6 | 3962.0 | 3971.6 | 3951.8 | 3908.9 | 3847.1 | 3764.2 | 3664.7 | 3556.6 |
| 37.5° | 4268.1 | 4310.8 | 4331.8 | 4332.1 | 4331.8 | 4310.8 | 4268.1 | 4201.7 | 4109.7 | 3996.5 | 3874.4 |
| 35° | 4628.8 | 4680.5 | 4709.7 | 4708.3 | 4709.7 | 4680.5 | 4628.8 | 4555.8 | 4461.7 | 4347.0 | 4203.1 |
| 32.5° | 4994.4 | 5050.4 | 5080.3 | 5084.5 | 5080.3 | 5050.4 | 4994.4 | 4908.8 | 4800.6 | 4674.5 | 4526.5 |
| 30° | 5359.4 | 5420.9 | 5455.5 | 5469.7 | 5455.5 | 5420.9 | 5359.4 | 5264.5 | 5143.1 | 5005.2 | 4846.1 |
| 27.5° | 5713.3 | 5789.1 | 5841.4 | 5845.9 | 5841.4 | 5789.1 | 5713.3 | 5616.4 | 5488.4 | 5338.5 | 5164.8 |
| 25° | 6056.2 | 6133.3 | 6186.9 | 6197.8 | 6186.9 | 6133.3 | 6056.2 | 5959.7 | 5828.2 | 5663.6 | 5478.1 |
| 22.5° | 6394.1 | 6474.7 | 6524.1 | 6543.7 | 6524.1 | 6474.7 | 6394.1 | 6286.0 | 6140.4 | 5968.4 | 5771.8 |
| 20° | 6716.6 | 6804.0 | 6856.4 | 6877.4 | 6856.4 | 6804.0 | 6716.6 | 6597.8 | 6437.4 | 6254.3 | 6046.3 |
| 17.5° | 7008.4 | 7100.7 | 7165.5 | 7183.8 | 7165.5 | 7100.7 | 7008.4 | 6882.7 | 6714.7 | 6520.2 | 6295.8 |
| 15° | 7265.2 | 7352.8 | 7414.3 | 7438.6 | 7414.3 | 7352.8 | 7265.2 | 7141.8 | 6971.5 | 6761.2 | 6512.0 |
| 12.5° | 7474.3 | 7552.6 | 7600.8 | 7623.7 | 7600.8 | 7552.6 | 7474.3 | 7356.5 | 7199.9 | 6963.7 | 6701.9 |
| 10° | 7637.6 | 7716.1 | 7762.1 | 7793.5 | 7762.1 | 7716.1 | 7637.6 | 7528.0 | 7353.1 | 7141.6 | 6884.4 |
| 7.5° | 7779.3 | 7859.8 | 7916.1 | 7960.4 | 7916.1 | 7859.8 | 7779.3 | 7631.4 | 7475.5 | 7276.2 | 7016.5 |
| 5° | 7857.5 | 7992.0 | 8012.2 | 8042.3 | 8012.2 | 7992.0 | 7857.5 | 7723.6 | 7553.5 | 7350.7 | 7097.3 |
| 2.5° | 7917.2 | 8012.6 | 8069.9 | 8063.5 | 8069.9 | 8012.6 | 7917.2 | 7759.6 | 7596.7 | 7411.0 | 7165.5 |
| 0° | 7960.4 | 8045.3 | 8066.6 | 8093.9 | 8066.6 | 8045.3 | 7960.4 | 7802.6 | 7632.8 | 7447.7 | 7192.9 |
| -2.5° | 7917.2 | 8012.6 | 8069.9 | 8063.5 | 8069.9 | 8012.6 | 7917.2 | 7759.6 | 7596.7 | 7411.0 | 7165.5 |
| -5° | 7857.5 | 7992.0 | 8012.2 | 8042.3 | 8012.2 | 7992.0 | 7857.5 | 7723.6 | 7553.5 | 7350.7 | 7097.3 |
| -7.5° | 7779.3 | 7859.8 | 7916.1 | 7960.4 | 7916.1 | 7859.8 | 7779.3 | 7631.4 | 7475.5 | 7276.2 | 7016.5 |
| -10° | 7637.6 | 7716.1 | 7762.1 | 7793.5 | 7762.1 | 7716.1 | 7637.6 | 7528.0 | 7353.1 | 7141.6 | 6884.4 |
| -12.5° | 7474.3 | 7552.6 | 7600.8 | 7623.7 | 7600.8 | 7552.6 | 7474.3 | 7356.5 | 7199.9 | 6963.7 | 6701.9 |
| -15° | 7265.2 | 7352.8 | 7414.3 | 7438.6 | 7414.3 | 7352.8 | 7265.2 | 7141.8 | 6971.5 | 6761.2 | 6512.0 |
| -17.5° | 7008.4 | 7100.7 | 7165.5 | 7183.8 | 7165.5 | 7100.7 | 7008.4 | 6882.7 | 6714.7 | 6520.2 | 6295.8 |
| -20° | 6716.6 | 6804.0 | 6856.4 | 6877.4 | 6856.4 | 6804.0 | 6716.6 | 6597.8 | 6437.4 | 6254.3 | 6046.3 |



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6394.1 | 6474.7 | 6524.1 | 6543.7 | 6524.1 | 6474.7 | 6394.1 | 6286.0 | 6140.4 | 5968.4 | 5771.8 |
| -25° | 6056.2 | 6133.3 | 6186.9 | 6197.8 | 6186.9 | 6133.3 | 6056.2 | 5959.7 | 5828.2 | 5663.6 | 5478.1 |
| -27.5° | 5713.3 | 5789.1 | 5841.4 | 5845.9 | 5841.4 | 5789.1 | 5713.3 | 5616.4 | 5488.4 | 5338.5 | 5164.8 |
| -30° | 5359.4 | 5420.9 | 5455.5 | 5469.7 | 5455.5 | 5420.9 | 5359.4 | 5264.5 | 5143.1 | 5005.2 | 4846.1 |
| -32.5° | 4994.4 | 5050.4 | 5080.3 | 5084.5 | 5080.3 | 5050.4 | 4994.4 | 4908.8 | 4800.6 | 4674.5 | 4526.5 |
| -35° | 4628.8 | 4680.5 | 4709.7 | 4708.3 | 4709.7 | 4680.5 | 4628.8 | 4555.8 | 4461.7 | 4347.0 | 4203.1 |
| -37.5° | 4268.1 | 4310.8 | 4331.8 | 4332.1 | 4331.8 | 4310.8 | 4268.1 | 4201.7 | 4109.7 | 3996.5 | 3874.4 |
| -40° | 3908.9 | 3951.8 | 3971.6 | 3962.0 | 3971.6 | 3951.8 | 3908.9 | 3847.1 | 3764.2 | 3664.7 | 3556.6 |
| -42.5° | 3558.6 | 3598.2 | 3614.9 | 3601.0 | 3614.9 | 3598.2 | 3558.6 | 3504.9 | 3434.6 | 3350.9 | 3254.9 |
| -45° | 3214.5 | 3244.9 | 3256.7 | 3249.1 | 3256.7 | 3244.9 | 3214.5 | 3168.2 | 3106.4 | 3032.7 | 2948.6 |
| -47.5° | 2876.3 | 2905.6 | 2917.0 | 2909.3 | 2917.0 | 2905.6 | 2876.3 | 2834.8 | 2782.0 | 2715.2 | 2633.2 |
| -50° | 2554.9 | 2577.0 | 2585.9 | 2581.7 | 2585.9 | 2577.0 | 2554.9 | 2522.1 | 2477.3 | 2420.4 | 2354.7 |
| -52.5° | 2252.2 | 2270.4 | 2276.9 | 2272.2 | 2276.9 | 2270.4 | 2252.2 | 2223.9 | 2185.2 | 2136.8 | 2080.3 |
| -55° | 1960.7 | 1977.6 | 1984.1 | 1981.0 | 1984.1 | 1977.6 | 1960.7 | 1935.4 | 1901.9 | 1862.4 | 1815.2 |
| -57.5° | 1685.1 | 1698.3 | 1701.3 | 1695.8 | 1701.3 | 1698.3 | 1685.1 | 1665.0 | 1638.0 | 1605.8 | 1566.6 |
| -60° | 1435.2 | 1445.5 | 1450.6 | 1450.1 | 1450.6 | 1445.5 | 1435.2 | 1419.4 | 1398.2 | 1371.9 | 1340.3 |
| -62.5° | 1204.2 | 1210.7 | 1214.3 | 1213.5 | 1214.3 | 1210.7 | 1204.2 | 1192.9 | 1177.0 | 1157.0 | 1133.8 |
| -65° | 986.2 | 988.5 | 987.7 | 982.9 | 987.7 | 988.5 | 986.2 | 980.0 | 969.9 | 957.3 | 942.0 |
| -67.5° | 795.8 | 796.0 | 799.4 | 800.9 | 799.4 | 796.0 | 795.8 | 792.5 | 786.0 | 777.7 | 767.8 |
| -70° | 631.1 | 630.1 | 631.4 | 631.0 | 631.4 | 630.1 | 631.1 | 630.4 | 628.2 | 625.2 | 620.5 |
| -72.5° | 490.6 | 482.8 | 475.8 | 467.2 | 475.8 | 482.8 | 490.6 | 497.3 | 503.1 | 506.4 | 503.1 |
| -75° | 366.6 | 350.7 | 341.1 | 330.7 | 341.1 | 350.7 | 366.6 | 381.7 | 395.9 | 406.8 | 405.7 |
| -77.5° | 265.5 | 245.1 | 236.4 | 227.5 | 236.4 | 245.1 | 265.5 | 284.9 | 303.2 | 318.4 | 319.5 |
| -80° | 178.9 | 160.4 | 153.1 | 145.6 | 153.1 | 160.4 | 178.9 | 196.7 | 213.5 | 228.3 | 232.3 |
| -82.5° | 107.4 | 93.7 | 89.4 | 84.9 | 89.4 | 93.7 | 107.4 | 120.5 | 133.1 | 144.4 | 145.6 |
| -85° | 53.2 | 45.3 | 42.4 | 39.4 | 42.4 | 45.3 | 53.2 | 60.7 | 67.9 | 74.3 | 72.0 |
| -87.5° | 9.8 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.8 | 10.4 | 11.1 | 11.7 | 11.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-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° | 11.4 | 11.2 | 11.0 | 10.7 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 8.9 | 8.6 |
| 85° | 69.4 | 66.7 | 63.8 | 60.8 | 57.6 | 54.2 | 50.7 | 44.4 | 38.6 | 33.2 | 28.6 |
| 82.5° | 145.9 | 145.2 | 143.1 | 134.9 | 126.5 | 118.2 | 109.4 | 96.3 | 83.5 | 71.0 | 60.1 |
| 80° | 235.2 | 236.7 | 235.2 | 221.5 | 207.5 | 193.5 | 178.6 | 159.5 | 140.2 | 121.8 | 108.0 |
| 77.5° | 320.2 | 320.6 | 318.0 | 304.3 | 289.3 | 272.9 | 254.2 | 231.2 | 208.1 | 184.9 | 167.1 |
| 75° | 403.7 | 400.9 | 395.2 | 382.6 | 367.6 | 349.9 | 331.6 | 311.4 | 287.8 | 260.7 | 237.4 |
| 72.5° | 498.3 | 491.9 | 483.0 | 470.6 | 456.1 | 440.5 | 421.4 | 399.1 | 374.4 | 347.3 | 322.8 |
| 70° | 613.2 | 603.1 | 589.7 | 572.9 | 556.4 | 539.2 | 518.8 | 494.3 | 465.5 | 435.6 | 408.2 |
| 67.5° | 755.1 | 739.5 | 720.5 | 700.3 | 679.9 | 655.9 | 628.5 | 598.5 | 568.8 | 535.6 | 498.1 |
| 65° | 923.1 | 900.5 | 872.9 | 846.8 | 818.2 | 787.1 | 752.1 | 717.3 | 681.0 | 641.1 | 593.5 |
| 62.5° | 1107.7 | 1079.0 | 1041.6 | 1003.7 | 964.9 | 925.0 | 882.0 | 839.3 | 795.9 | 748.9 | 695.3 |
| 60° | 1303.3 | 1260.6 | 1217.7 | 1170.6 | 1119.5 | 1065.9 | 1017.0 | 965.1 | 910.2 | 857.0 | 798.3 |
| 57.5° | 1520.2 | 1467.7 | 1411.5 | 1351.5 | 1288.0 | 1225.4 | 1162.2 | 1096.8 | 1034.7 | 969.9 | 903.4 |
| 55° | 1760.7 | 1698.6 | 1628.2 | 1550.8 | 1470.6 | 1398.0 | 1318.9 | 1239.7 | 1164.9 | 1086.3 | 1013.0 |
| 52.5° | 2016.8 | 1942.5 | 1860.8 | 1772.9 | 1681.8 | 1587.4 | 1491.3 | 1400.2 | 1302.9 | 1213.9 | 1125.4 |
| 50° | 2281.0 | 2195.8 | 2101.6 | 2000.6 | 1899.2 | 1789.9 | 1679.9 | 1570.5 | 1460.2 | 1351.0 | 1244.9 |
| 47.5° | 2549.2 | 2457.0 | 2352.3 | 2240.6 | 2124.5 | 2002.3 | 1877.2 | 1745.6 | 1623.6 | 1497.0 | 1376.4 |
| 45° | 2844.0 | 2730.3 | 2612.9 | 2489.8 | 2357.2 | 2222.4 | 2082.0 | 1938.0 | 1791.2 | 1651.9 | 1510.6 |
| 42.5° | 3140.6 | 3012.6 | 2876.9 | 2741.6 | 2596.8 | 2446.0 | 2289.3 | 2130.6 | 1969.3 | 1808.7 | 1654.3 |
| 40° | 3436.0 | 3297.6 | 3149.6 | 2994.9 | 2837.0 | 2670.8 | 2499.3 | 2322.8 | 2147.6 | 1971.0 | 1796.3 |
| 37.5° | 3738.1 | 3588.6 | 3428.3 | 3258.0 | 3081.1 | 2897.0 | 2708.3 | 2517.1 | 2324.0 | 2133.9 | 1944.4 |
| 35° | 4048.0 | 3884.3 | 3707.4 | 3521.4 | 3326.8 | 3125.2 | 2918.2 | 2708.8 | 2501.0 | 2295.5 | 2090.2 |
| 32.5° | 4355.2 | 4177.8 | 3987.1 | 3783.4 | 3569.2 | 3349.8 | 3127.2 | 2901.1 | 2673.7 | 2454.2 | 2235.6 |
| 30° | 4664.9 | 4468.5 | 4261.8 | 4041.9 | 3809.6 | 3570.7 | 3329.6 | 3090.1 | 2847.7 | 2606.1 | 2374.9 |
| 27.5° | 4968.4 | 4754.0 | 4529.4 | 4291.6 | 4043.4 | 3787.1 | 3528.1 | 3272.5 | 3013.9 | 2757.1 | 2507.8 |
| 25° | 5263.7 | 5032.3 | 4784.6 | 4530.5 | 4267.3 | 3994.1 | 3715.8 | 3445.3 | 3175.3 | 2900.5 | 2627.0 |
| 22.5° | 5547.9 | 5294.5 | 5027.5 | 4755.8 | 4479.0 | 4191.9 | 3895.0 | 3603.6 | 3324.2 | 3029.0 | 2743.3 |
| 20° | 5810.1 | 5538.0 | 5252.8 | 4966.6 | 4673.9 | 4380.1 | 4062.0 | 3752.0 | 3451.5 | 3148.5 | 2848.7 |
| 17.5° | 6042.6 | 5766.2 | 5467.1 | 5165.4 | 4853.7 | 4544.5 | 4218.1 | 3887.1 | 3568.7 | 3254.6 | 2941.4 |
| 15° | 6247.6 | 5971.4 | 5668.5 | 5350.3 | 5017.6 | 4679.9 | 4350.3 | 4006.5 | 3675.4 | 3348.4 | 3027.2 |
| 12.5° | 6433.7 | 6144.6 | 5842.1 | 5505.6 | 5152.4 | 4800.0 | 4457.3 | 4111.0 | 3770.4 | 3434.2 | 3104.4 |
| 10° | 6600.8 | 6286.4 | 5966.4 | 5625.4 | 5265.2 | 4901.4 | 4548.5 | 4199.0 | 3851.2 | 3507.7 | 3168.0 |
| 7.5° | 6715.3 | 6391.7 | 6061.0 | 5721.2 | 5360.3 | 4990.9 | 4627.4 | 4269.6 | 3914.3 | 3566.3 | 3217.6 |
| 5° | 6799.8 | 6474.8 | 6143.0 | 5798.4 | 5434.2 | 5057.7 | 4685.5 | 4320.9 | 3959.1 | 3609.1 | 3253.0 |
| 2.5° | 6864.8 | 6531.5 | 6198.9 | 5846.8 | 5482.1 | 5102.8 | 4727.2 | 4359.4 | 3994.7 | 3640.5 | 3284.2 |
| 0° | 6910.7 | 6552.8 | 6231.2 | 5885.4 | 5512.2 | 5130.0 | 4753.8 | 4383.7 | 4016.6 | 3655.6 | 3300.7 |
| -2.5° | 6864.8 | 6531.5 | 6198.9 | 5846.8 | 5482.1 | 5102.8 | 4727.2 | 4359.4 | 3994.7 | 3640.5 | 3284.2 |
| -5° | 6799.8 | 6474.8 | 6143.0 | 5798.4 | 5434.2 | 5057.7 | 4685.5 | 4320.9 | 3959.1 | 3609.1 | 3253.0 |
| -7.5° | 6715.3 | 6391.7 | 6061.0 | 5721.2 | 5360.3 | 4990.9 | 4627.4 | 4269.6 | 3914.3 | 3566.3 | 3217.6 |
| -10° | 6600.8 | 6286.4 | 5966.4 | 5625.4 | 5265.2 | 4901.4 | 4548.5 | 4199.0 | 3851.2 | 3507.7 | 3168.0 |
| -12.5° | 6433.7 | 6144.6 | 5842.1 | 5505.6 | 5152.4 | 4800.0 | 4457.3 | 4111.0 | 3770.4 | 3434.2 | 3104.4 |
| -15° | 6247.6 | 5971.4 | 5668.5 | 5350.3 | 5017.6 | 4679.9 | 4350.3 | 4006.5 | 3675.4 | 3348.4 | 3027.2 |
| -17.5° | 6042.6 | 5766.2 | 5467.1 | 5165.4 | 4853.7 | 4544.5 | 4218.1 | 3887.1 | 3568.7 | 3254.6 | 2941.4 |
| -20° | 5810.1 | 5538.0 | 5252.8 | 4966.6 | 4673.9 | 4380.1 | 4062.0 | 3752.0 | 3451.5 | 3148.5 | 2848.7 |



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5547.9 | 5294.5 | 5027.5 | 4755.8 | 4479.0 | 4191.9 | 3895.0 | 3603.6 | 3324.2 | 3029.0 | 2743.3 |
| -25° | 5263.7 | 5032.3 | 4784.6 | 4530.5 | 4267.3 | 3994.1 | 3715.8 | 3445.3 | 3175.3 | 2900.5 | 2627.0 |
| -27.5° | 4968.4 | 4754.0 | 4529.4 | 4291.6 | 4043.4 | 3787.1 | 3528.1 | 3272.5 | 3013.9 | 2757.1 | 2507.8 |
| -30° | 4664.9 | 4468.5 | 4261.8 | 4041.9 | 3809.6 | 3570.7 | 3329.6 | 3090.1 | 2847.7 | 2606.1 | 2374.9 |
| -32.5° | 4355.2 | 4177.8 | 3987.1 | 3783.4 | 3569.2 | 3349.8 | 3127.2 | 2901.1 | 2673.7 | 2454.2 | 2235.6 |
| -35° | 4048.0 | 3884.3 | 3707.4 | 3521.4 | 3326.8 | 3125.2 | 2918.2 | 2708.8 | 2501.0 | 2295.5 | 2090.2 |
| -37.5° | 3738.1 | 3588.6 | 3428.3 | 3258.0 | 3081.1 | 2897.0 | 2708.3 | 2517.1 | 2324.0 | 2133.9 | 1944.4 |
| -40° | 3436.0 | 3297.6 | 3149.6 | 2994.9 | 2837.0 | 2670.8 | 2499.3 | 2322.8 | 2147.6 | 1971.0 | 1796.3 |
| -42.5° | 3140.6 | 3012.6 | 2876.9 | 2741.6 | 2596.8 | 2446.0 | 2289.3 | 2130.6 | 1969.3 | 1808.7 | 1654.3 |
| -45° | 2844.0 | 2730.3 | 2612.9 | 2489.8 | 2357.2 | 2222.4 | 2082.0 | 1938.0 | 1791.2 | 1651.9 | 1510.6 |
| -47.5° | 2549.2 | 2457.0 | 2352.3 | 2240.6 | 2124.5 | 2002.3 | 1877.2 | 1745.6 | 1623.6 | 1497.0 | 1376.4 |
| -50° | 2281.0 | 2195.8 | 2101.6 | 2000.6 | 1899.2 | 1789.9 | 1679.9 | 1570.5 | 1460.2 | 1351.0 | 1244.9 |
| -52.5° | 2016.8 | 1942.5 | 1860.8 | 1772.9 | 1681.8 | 1587.4 | 1491.3 | 1400.2 | 1302.9 | 1213.9 | 1125.4 |
| -55° | 1760.7 | 1698.6 | 1628.2 | 1550.8 | 1470.6 | 1398.0 | 1318.9 | 1239.7 | 1164.9 | 1086.3 | 1013.0 |
| -57.5° | 1520.2 | 1467.7 | 1411.5 | 1351.5 | 1288.0 | 1225.4 | 1162.2 | 1096.8 | 1034.7 | 969.9 | 903.4 |
| -60° | 1303.3 | 1260.6 | 1217.7 | 1170.6 | 1119.5 | 1065.9 | 1017.0 | 965.1 | 910.2 | 857.0 | 798.3 |
| -62.5° | 1107.7 | 1079.0 | 1041.6 | 1003.7 | 964.9 | 925.0 | 882.0 | 839.3 | 795.9 | 748.9 | 695.3 |
| -65° | 923.1 | 900.5 | 872.9 | 846.8 | 818.2 | 787.1 | 752.1 | 717.3 | 681.0 | 641.1 | 593.5 |
| -67.5° | 755.1 | 739.5 | 720.5 | 700.3 | 679.9 | 655.9 | 628.5 | 598.5 | 568.8 | 535.6 | 498.1 |
| -70° | 613.2 | 603.1 | 589.7 | 572.9 | 556.4 | 539.2 | 518.8 | 494.3 | 465.5 | 435.6 | 408.2 |
| -72.5° | 498.3 | 491.9 | 483.0 | 470.6 | 456.1 | 440.5 | 421.4 | 399.1 | 374.4 | 347.3 | 322.8 |
| -75° | 403.7 | 400.9 | 395.2 | 382.6 | 367.6 | 349.9 | 331.6 | 311.4 | 287.8 | 260.7 | 237.4 |
| -77.5° | 320.2 | 320.6 | 318.0 | 304.3 | 289.3 | 272.9 | 254.2 | 231.2 | 208.1 | 184.9 | 167.1 |
| -80° | 235.2 | 236.7 | 235.2 | 221.5 | 207.5 | 193.5 | 178.6 | 159.5 | 140.2 | 121.8 | 108.0 |
| -82.5° | 145.9 | 145.2 | 143.1 | 134.9 | 126.5 | 118.2 | 109.4 | 96.3 | 83.5 | 71.0 | 60.1 |
| -85° | 69.4 | 66.7 | 63.8 | 60.8 | 57.6 | 54.2 | 50.7 | 44.4 | 38.6 | 33.2 | 28.6 |
| -87.5° | 11.4 | 11.2 | 11.0 | 10.7 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 8.9 | 8.6 |
| -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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-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° | 8.7 | 8.8 | 8.8 | 8.7 | 7.7 | 6.8 | 5.9 | 5.1 | 4.6 | 4.1 | 3.6 |
| 85° | 28.7 | 28.0 | 26.5 | 24.0 | 18.9 | 13.6 | 11.9 | 10.2 | 9.3 | 8.3 | 7.3 |
| 82.5° | 59.9 | 60.5 | 60.4 | 58.7 | 51.8 | 44.5 | 36.9 | 29.0 | 21.5 | 13.6 | 10.9 |
| 80° | 108.2 | 107.0 | 104.4 | 99.5 | 88.1 | 75.3 | 65.7 | 55.7 | 45.9 | 35.7 | 25.1 |
| 77.5° | 163.5 | 158.9 | 153.2 | 146.7 | 134.7 | 120.5 | 104.2 | 85.8 | 70.3 | 57.7 | 44.7 |
| 75° | 225.4 | 218.0 | 210.0 | 199.2 | 183.8 | 166.1 | 148.2 | 126.7 | 102.9 | 80.4 | 64.1 |
| 72.5° | 303.0 | 285.0 | 268.9 | 253.8 | 237.0 | 217.3 | 194.6 | 166.9 | 137.9 | 110.6 | 84.9 |
| 70° | 381.6 | 354.6 | 330.5 | 309.9 | 289.7 | 269.0 | 244.0 | 210.0 | 172.3 | 140.1 | 109.9 |
| 67.5° | 461.5 | 429.5 | 397.2 | 366.4 | 340.9 | 316.5 | 292.4 | 252.8 | 209.7 | 169.0 | 134.3 |
| 65° | 549.6 | 506.9 | 465.9 | 427.8 | 393.2 | 362.8 | 334.5 | 292.9 | 245.9 | 200.2 | 158.1 |
| 62.5° | 640.3 | 585.9 | 537.4 | 488.7 | 445.7 | 408.7 | 374.6 | 328.8 | 280.6 | 230.4 | 182.9 |
| 60° | 735.7 | 673.7 | 609.2 | 552.4 | 499.7 | 452.9 | 411.6 | 364.2 | 313.0 | 259.4 | 207.5 |
| 57.5° | 836.1 | 763.3 | 690.9 | 619.0 | 555.7 | 499.6 | 447.7 | 397.7 | 344.8 | 288.0 | 230.5 |
| 55° | 937.9 | 859.5 | 773.8 | 692.8 | 615.1 | 548.3 | 485.8 | 430.0 | 375.6 | 316.2 | 250.3 |
| 52.5° | 1039.8 | 953.7 | 861.7 | 768.1 | 681.1 | 597.5 | 527.7 | 461.4 | 404.0 | 343.6 | 271.0 |
| 50° | 1146.4 | 1047.6 | 949.1 | 848.0 | 746.8 | 655.2 | 568.2 | 497.3 | 431.5 | 369.7 | 290.5 |
| 47.5° | 1257.3 | 1147.3 | 1037.6 | 927.2 | 818.7 | 710.4 | 615.5 | 532.5 | 458.1 | 393.4 | 308.7 |
| 45° | 1378.9 | 1250.3 | 1128.9 | 1009.4 | 886.7 | 770.1 | 663.3 | 566.2 | 488.2 | 411.8 | 325.5 |
| 42.5° | 1500.4 | 1358.9 | 1223.3 | 1090.5 | 957.9 | 829.3 | 708.6 | 605.9 | 517.0 | 429.4 | 340.9 |
| 40° | 1629.7 | 1468.0 | 1317.6 | 1173.5 | 1027.5 | 885.7 | 758.9 | 644.6 | 544.0 | 447.7 | 355.6 |
| 37.5° | 1755.3 | 1579.8 | 1414.5 | 1252.8 | 1095.6 | 946.6 | 807.2 | 680.9 | 569.6 | 468.3 | 369.4 |
| 35° | 1888.3 | 1692.1 | 1504.1 | 1332.6 | 1165.7 | 1004.3 | 852.4 | 717.4 | 599.1 | 488.3 | 382.5 |
| 32.5° | 2016.8 | 1801.9 | 1600.3 | 1411.3 | 1232.7 | 1058.7 | 898.9 | 756.1 | 627.4 | 507.7 | 394.7 |
| 30° | 2143.1 | 1912.1 | 1692.5 | 1485.7 | 1297.6 | 1115.8 | 945.5 | 792.3 | 654.5 | 526.5 | 406.9 |
| 27.5° | 2259.5 | 2014.1 | 1780.8 | 1562.6 | 1361.4 | 1170.0 | 989.6 | 825.8 | 680.2 | 545.7 | 421.1 |
| 25° | 2368.0 | 2112.4 | 1867.9 | 1636.7 | 1420.5 | 1221.3 | 1030.2 | 856.9 | 706.4 | 565.9 | 434.3 |
| 22.5° | 2469.8 | 2203.6 | 1946.8 | 1704.9 | 1475.3 | 1268.4 | 1069.7 | 889.9 | 731.1 | 584.4 | 446.4 |
| 20° | 2562.3 | 2285.7 | 2017.5 | 1766.7 | 1528.7 | 1313.2 | 1107.8 | 919.5 | 753.3 | 601.2 | 457.2 |
| 17.5° | 2645.6 | 2360.8 | 2085.0 | 1824.5 | 1578.4 | 1353.1 | 1141.6 | 945.7 | 772.7 | 616.2 | 466.8 |
| 15° | 2722.9 | 2429.0 | 2144.6 | 1874.9 | 1621.4 | 1387.8 | 1171.0 | 968.2 | 789.3 | 629.2 | 475.9 |
| 12.5° | 2789.4 | 2487.5 | 2195.2 | 1917.8 | 1657.6 | 1417.2 | 1195.9 | 987.1 | 803.1 | 641.0 | 484.5 |
| 10° | 2844.1 | 2535.9 | 2236.6 | 1952.8 | 1686.9 | 1441.2 | 1216.1 | 1003.0 | 816.1 | 651.1 | 491.1 |
| 7.5° | 2886.8 | 2573.7 | 2268.4 | 1979.9 | 1710.1 | 1461.2 | 1233.3 | 1016.8 | 826.6 | 659.0 | 495.7 |
| 5° | 2919.1 | 2603.3 | 2296.1 | 2002.5 | 1731.5 | 1477.4 | 1245.9 | 1026.6 | 834.1 | 664.3 | 498.3 |
| 2.5° | 2947.7 | 2625.5 | 2317.9 | 2017.2 | 1746.0 | 1487.9 | 1253.4 | 1032.5 | 838.7 | 667.2 | 498.9 |
| 0° | 2963.9 | 2636.3 | 2329.9 | 2023.5 | 1753.5 | 1492.6 | 1255.9 | 1034.5 | 840.3 | 667.4 | 497.5 |
| -2.5° | 2947.7 | 2625.5 | 2317.9 | 2017.2 | 1746.0 | 1487.9 | 1253.4 | 1032.5 | 838.7 | 667.2 | 498.9 |
| -5° | 2919.1 | 2603.3 | 2296.1 | 2002.5 | 1731.5 | 1477.4 | 1245.9 | 1026.6 | 834.1 | 664.3 | 498.3 |
| -7.5° | 2886.8 | 2573.7 | 2268.4 | 1979.9 | 1710.1 | 1461.2 | 1233.3 | 1016.8 | 826.6 | 659.0 | 495.7 |
| -10° | 2844.1 | 2535.9 | 2236.6 | 1952.8 | 1686.9 | 1441.2 | 1216.1 | 1003.0 | 816.1 | 651.1 | 491.1 |
| -12.5° | 2789.4 | 2487.5 | 2195.2 | 1917.8 | 1657.6 | 1417.2 | 1195.9 | 987.1 | 803.1 | 641.0 | 484.5 |
| -15° | 2722.9 | 2429.0 | 2144.6 | 1874.9 | 1621.4 | 1387.8 | 1171.0 | 968.2 | 789.3 | 629.2 | 475.9 |
| -17.5° | 2645.6 | 2360.8 | 2085.0 | 1824.5 | 1578.4 | 1353.1 | 1141.6 | 945.7 | 772.7 | 616.2 | 466.8 |
| -20° | 2562.3 | 2285.7 | 2017.5 | 1766.7 | 1528.7 | 1313.2 | 1107.8 | 919.5 | 753.3 | 601.2 | 457.2 |



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| -22.5° | 2469.8 | 2203.6 | 1946.8 | 1704.9 | 1475.3 | 1268.4 | 1069.7 | 889.9 | 731.1 | 584.4 | 446.4 |
| -25° | 2368.0 | 2112.4 | 1867.9 | 1636.7 | 1420.5 | 1221.3 | 1030.2 | 856.9 | 706.4 | 565.9 | 434.3 |
| -27.5° | 2259.5 | 2014.1 | 1780.8 | 1562.6 | 1361.4 | 1170.0 | 989.6 | 825.8 | 680.2 | 545.7 | 421.1 |
| -30° | 2143.1 | 1912.1 | 1692.5 | 1485.7 | 1297.6 | 1115.8 | 945.5 | 792.3 | 654.5 | 526.5 | 406.9 |
| -32.5° | 2016.8 | 1801.9 | 1600.3 | 1411.3 | 1232.7 | 1058.7 | 898.9 | 756.1 | 627.4 | 507.7 | 394.7 |
| -35° | 1888.3 | 1692.1 | 1504.1 | 1332.6 | 1165.7 | 1004.3 | 852.4 | 717.4 | 599.1 | 488.3 | 382.5 |
| -37.5° | 1755.3 | 1579.8 | 1414.5 | 1252.8 | 1095.6 | 946.6 | 807.2 | 680.9 | 569.6 | 468.3 | 369.4 |
| -40° | 1629.7 | 1468.0 | 1317.6 | 1173.5 | 1027.5 | 885.7 | 758.9 | 644.6 | 544.0 | 447.7 | 355.6 |
| -42.5° | 1500.4 | 1358.9 | 1223.3 | 1090.5 | 957.9 | 829.3 | 708.6 | 605.9 | 517.0 | 429.4 | 340.9 |
| -45° | 1378.9 | 1250.3 | 1128.9 | 1009.4 | 886.7 | 770.1 | 663.3 | 566.2 | 488.2 | 411.8 | 325.5 |
| -47.5° | 1257.3 | 1147.3 | 1037.6 | 927.2 | 818.7 | 710.4 | 615.5 | 532.5 | 458.1 | 393.4 | 308.7 |
| -50° | 1146.4 | 1047.6 | 949.1 | 848.0 | 746.8 | 655.2 | 568.2 | 497.3 | 431.5 | 369.7 | 290.5 |
| -52.5° | 1039.8 | 953.7 | 861.7 | 768.1 | 681.1 | 597.5 | 527.7 | 461.4 | 404.0 | 343.6 | 271.0 |
| -55° | 937.9 | 859.5 | 773.8 | 692.8 | 615.1 | 548.3 | 485.8 | 430.0 | 375.6 | 316.2 | 250.3 |
| -57.5° | 836.1 | 763.3 | 690.9 | 619.0 | 555.7 | 499.6 | 447.7 | 397.7 | 344.8 | 288.0 | 230.5 |
| -60° | 735.7 | 673.7 | 609.2 | 552.4 | 499.7 | 452.9 | 411.6 | 364.2 | 313.0 | 259.4 | 207.5 |
| -62.5° | 640.3 | 585.9 | 537.4 | 488.7 | 445.7 | 408.7 | 374.6 | 328.8 | 280.6 | 230.4 | 182.9 |
| -65° | 549.6 | 506.9 | 465.9 | 427.8 | 393.2 | 362.8 | 334.5 | 292.9 | 245.9 | 200.2 | 158.1 |
| -67.5° | 461.5 | 429.5 | 397.2 | 366.4 | 340.9 | 316.5 | 292.4 | 252.8 | 209.7 | 169.0 | 134.3 |
| -70° | 381.6 | 354.6 | 330.5 | 309.9 | 289.7 | 269.0 | 244.0 | 210.0 | 172.3 | 140.1 | 109.9 |
| -72.5° | 303.0 | 285.0 | 268.9 | 253.8 | 237.0 | 217.3 | 194.6 | 166.9 | 137.9 | 110.6 | 84.9 |
| -75° | 225.4 | 218.0 | 210.0 | 199.2 | 183.8 | 166.1 | 148.2 | 126.7 | 102.9 | 80.4 | 64.1 |
| -77.5° | 163.5 | 158.9 | 153.2 | 146.7 | 134.7 | 120.5 | 104.2 | 85.8 | 70.3 | 57.7 | 44.7 |
| -80° | 108.2 | 107.0 | 104.4 | 99.5 | 88.1 | 75.3 | 65.7 | 55.7 | 45.9 | 35.7 | 25.1 |
| -82.5° | 59.9 | 60.5 | 60.4 | 58.7 | 51.8 | 44.5 | 36.9 | 29.0 | 21.5 | 13.6 | 10.9 |
| -85° | 28.7 | 28.0 | 26.5 | 24.0 | 18.9 | 13.6 | 11.9 | 10.2 | 9.3 | 8.3 | 7.3 |
| -87.5° | 8.7 | 8.8 | 8.8 | 8.7 | 7.7 | 6.8 | 5.9 | 5.1 | 4.6 | 4.1 | 3.6 |
| -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: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-730-U-VWR-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° | 3.1 | 2.6 | 2.1 | 1.6 | 1.1 | 0.5 | 0.0 |
| 85° | 6.3 | 5.2 | 4.2 | 3.2 | 2.1 | 0.9 | 0.0 |
| 82.5° | 9.4 | 7.8 | 6.3 | 4.7 | 3.1 | 1.4 | 0.0 |
| 80° | 14.1 | 10.4 | 8.4 | 6.3 | 4.2 | 1.8 | 0.0 |
| 77.5° | 30.8 | 16.4 | 10.4 | 7.8 | 5.2 | 2.3 | 0.0 |
| 75° | 47.1 | 28.3 | 13.6 | 9.4 | 6.2 | 2.7 | 0.0 |
| 72.5° | 62.8 | 40.0 | 21.7 | 10.9 | 7.2 | 3.2 | 0.0 |
| 70° | 78.6 | 51.2 | 29.5 | 13.0 | 8.1 | 3.6 | 0.0 |
| 67.5° | 97.5 | 62.0 | 37.0 | 17.9 | 9.1 | 4.0 | 0.0 |
| 65° | 115.5 | 74.0 | 44.2 | 22.5 | 10.0 | 4.4 | 0.0 |
| 62.5° | 132.7 | 87.1 | 51.0 | 27.0 | 10.9 | 4.8 | 0.0 |
| 60° | 148.9 | 99.6 | 57.4 | 31.2 | 11.7 | 5.2 | 0.0 |
| 57.5° | 165.9 | 111.3 | 66.0 | 35.1 | 14.1 | 5.6 | 0.0 |
| 55° | 182.1 | 122.2 | 74.1 | 38.8 | 16.4 | 5.9 | 0.0 |
| 52.5° | 197.0 | 132.5 | 81.7 | 42.2 | 18.6 | 6.3 | 0.0 |
| 50° | 210.7 | 143.5 | 88.6 | 45.3 | 20.7 | 6.6 | 0.0 |
| 47.5° | 223.5 | 153.5 | 95.0 | 48.6 | 22.7 | 6.9 | 0.0 |
| 45° | 237.8 | 162.6 | 100.7 | 52.8 | 24.7 | 7.2 | 0.0 |
| 42.5° | 250.9 | 170.6 | 105.7 | 56.6 | 26.5 | 7.5 | 0.0 |
| 40° | 262.7 | 177.7 | 110.8 | 60.5 | 28.2 | 7.7 | 0.0 |
| 37.5° | 273.3 | 183.6 | 115.9 | 64.4 | 29.8 | 7.9 | 0.0 |
| 35° | 282.7 | 190.6 | 120.2 | 68.0 | 31.3 | 8.2 | 0.0 |
| 32.5° | 291.4 | 197.5 | 123.8 | 71.3 | 32.7 | 8.4 | 0.0 |
| 30° | 300.4 | 203.4 | 126.7 | 74.3 | 33.9 | 8.5 | 0.0 |
| 27.5° | 308.5 | 208.3 | 131.0 | 77.1 | 35.0 | 8.7 | 0.0 |
| 25° | 315.6 | 212.2 | 135.1 | 79.5 | 36.0 | 8.8 | 0.0 |
| 22.5° | 321.7 | 216.1 | 138.7 | 81.7 | 36.9 | 8.9 | 0.0 |
| 20° | 326.8 | 221.5 | 141.8 | 83.6 | 37.7 | 9.0 | 0.0 |
| 17.5° | 333.1 | 225.9 | 144.4 | 85.2 | 38.3 | 9.1 | 0.0 |
| 15° | 339.6 | 229.3 | 146.5 | 86.4 | 38.9 | 9.2 | 0.0 |
| 12.5° | 344.9 | 231.8 | 148.1 | 87.4 | 39.3 | 9.2 | 0.0 |
| 10° | 349.0 | 233.3 | 149.2 | 88.1 | 39.5 | 9.2 | 0.0 |
| 7.5° | 351.7 | 233.9 | 149.8 | 88.5 | 39.7 | 9.2 | 0.0 |
| 5° | 353.2 | 233.7 | 149.9 | 88.6 | 39.7 | 9.2 | 0.0 |
| 2.5° | 353.2 | 232.5 | 149.5 | 88.5 | 39.6 | 9.2 | 0.0 |
| 0° | 351.9 | 230.6 | 148.7 | 88.0 | 39.4 | 9.1 | 0.0 |
| -2.5° | 353.2 | 232.5 | 149.5 | 88.5 | 39.6 | 9.2 | 0.0 |
| -5° | 353.2 | 233.7 | 149.9 | 88.6 | 39.7 | 9.2 | 0.0 |
| -7.5° | 351.7 | 233.9 | 149.8 | 88.5 | 39.7 | 9.2 | 0.0 |
| -10° | 349.0 | 233.3 | 149.2 | 88.1 | 39.5 | 9.2 | 0.0 |
| -12.5° | 344.9 | 231.8 | 148.1 | 87.4 | 39.3 | 9.2 | 0.0 |
| -15° | 339.6 | 229.3 | 146.5 | 86.4 | 38.9 | 9.2 | 0.0 |
| -17.5° | 333.1 | 225.9 | 144.4 | 85.2 | 38.3 | 9.1 | 0.0 |
| -20° | 326.8 | 221.5 | 141.8 | 83.6 | 37.7 | 9.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627031 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 321.7 | 216.1 | 138.7 | 81.7 | 36.9 | 8.9 | 0.0 |
| -25° | 315.6 | 212.2 | 135.1 | 79.5 | 36.0 | 8.8 | 0.0 |
| -27.5° | 308.5 | 208.3 | 131.0 | 77.1 | 35.0 | 8.7 | 0.0 |
| -30° | 300.4 | 203.4 | 126.7 | 74.3 | 33.9 | 8.5 | 0.0 |
| -32.5° | 291.4 | 197.5 | 123.8 | 71.3 | 32.7 | 8.4 | 0.0 |
| -35° | 282.7 | 190.6 | 120.2 | 68.0 | 31.3 | 8.2 | 0.0 |
| -37.5° | 273.3 | 183.6 | 115.9 | 64.4 | 29.8 | 7.9 | 0.0 |
| -40° | 262.7 | 177.7 | 110.8 | 60.5 | 28.2 | 7.7 | 0.0 |
| -42.5° | 250.9 | 170.6 | 105.7 | 56.6 | 26.5 | 7.5 | 0.0 |
| -45° | 237.8 | 162.6 | 100.7 | 52.8 | 24.7 | 7.2 | 0.0 |
| -47.5° | 223.5 | 153.5 | 95.0 | 48.6 | 22.7 | 6.9 | 0.0 |
| -50° | 210.7 | 143.5 | 88.6 | 45.3 | 20.7 | 6.6 | 0.0 |
| -52.5° | 197.0 | 132.5 | 81.7 | 42.2 | 18.6 | 6.3 | 0.0 |
| -55° | 182.1 | 122.2 | 74.1 | 38.8 | 16.4 | 5.9 | 0.0 |
| -57.5° | 165.9 | 111.3 | 66.0 | 35.1 | 14.1 | 5.6 | 0.0 |
| -60° | 148.9 | 99.6 | 57.4 | 31.2 | 11.7 | 5.2 | 0.0 |
| -62.5° | 132.7 | 87.1 | 51.0 | 27.0 | 10.9 | 4.8 | 0.0 |
| -65° | 115.5 | 74.0 | 44.2 | 22.5 | 10.0 | 4.4 | 0.0 |
| -67.5° | 97.5 | 62.0 | 37.0 | 17.9 | 9.1 | 4.0 | 0.0 |
| -70° | 78.6 | 51.2 | 29.5 | 13.0 | 8.1 | 3.6 | 0.0 |
| -72.5° | 62.8 | 40.0 | 21.7 | 10.9 | 7.2 | 3.2 | 0.0 |
| -75° | 47.1 | 28.3 | 13.6 | 9.4 | 6.2 | 2.7 | 0.0 |
| -77.5° | 30.8 | 16.4 | 10.4 | 7.8 | 5.2 | 2.3 | 0.0 |
| -80° | 14.1 | 10.4 | 8.4 | 6.3 | 4.2 | 1.8 | 0.0 |
| -82.5° | 9.4 | 7.8 | 6.3 | 4.7 | 3.1 | 1.4 | 0.0 |
| -85° | 6.3 | 5.2 | 4.2 | 3.2 | 2.1 | 0.9 | 0.0 |
| -87.5° | 3.1 | 2.6 | 2.1 | 1.6 | 1.1 | 0.5 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)