

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: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

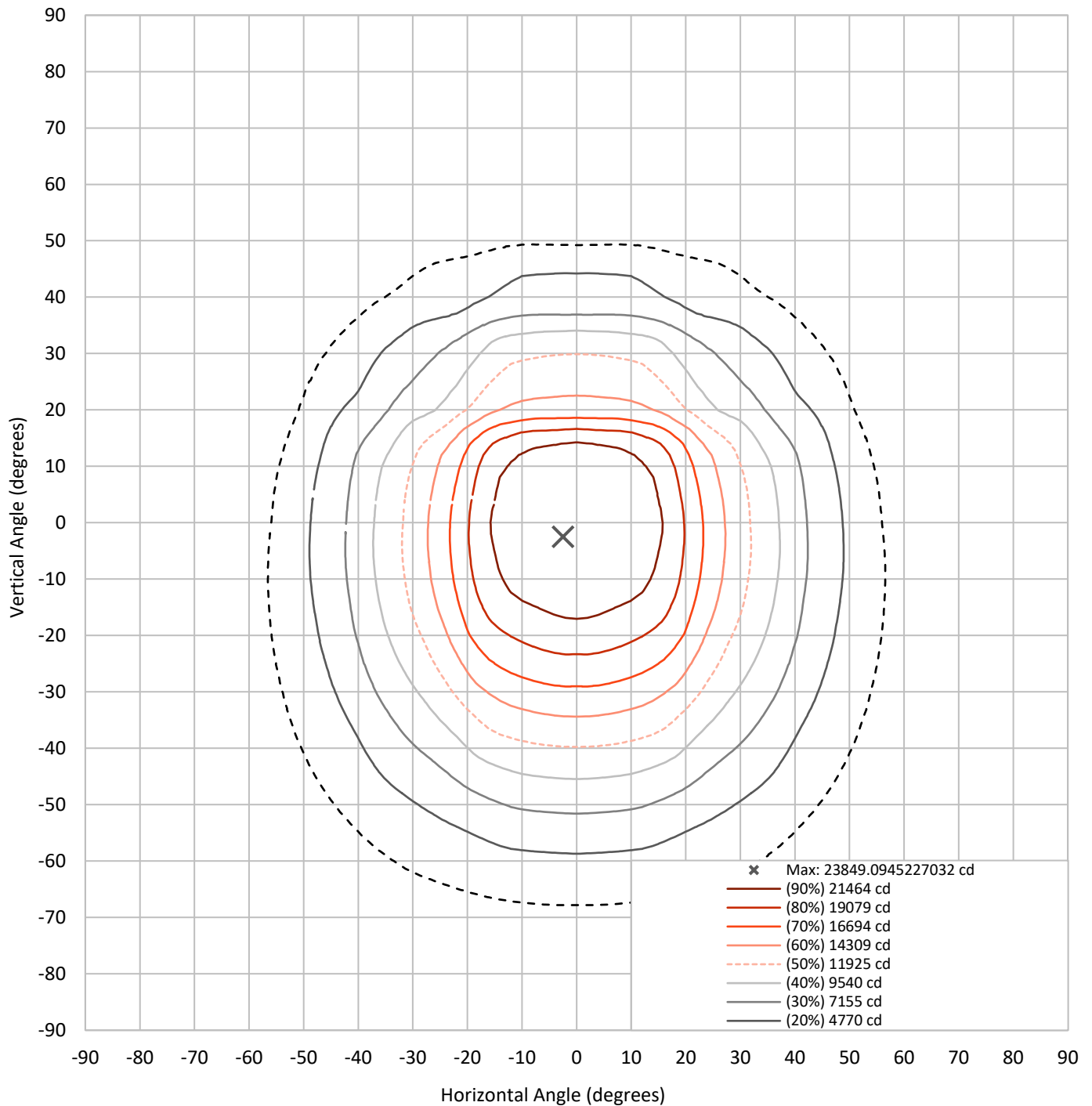
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 6H x 6V |
| Luminaire Lumens: | 31827.3 lumens | Max Intensity: | 23849.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 84.5 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 63.9°H x 69.6°V | Field Angle (10%): | 112.5°H x 117.1°V |
| Beam Lumens: | 18414.2 lumens | Field Lumens: | 30202.1 lumens |
| Beam Efficiency: | 57.9% | Field Efficiency: | 94.9% |
| Input Watts (W): | 376.7 | | |
| 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: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

Iso-Candela Plot





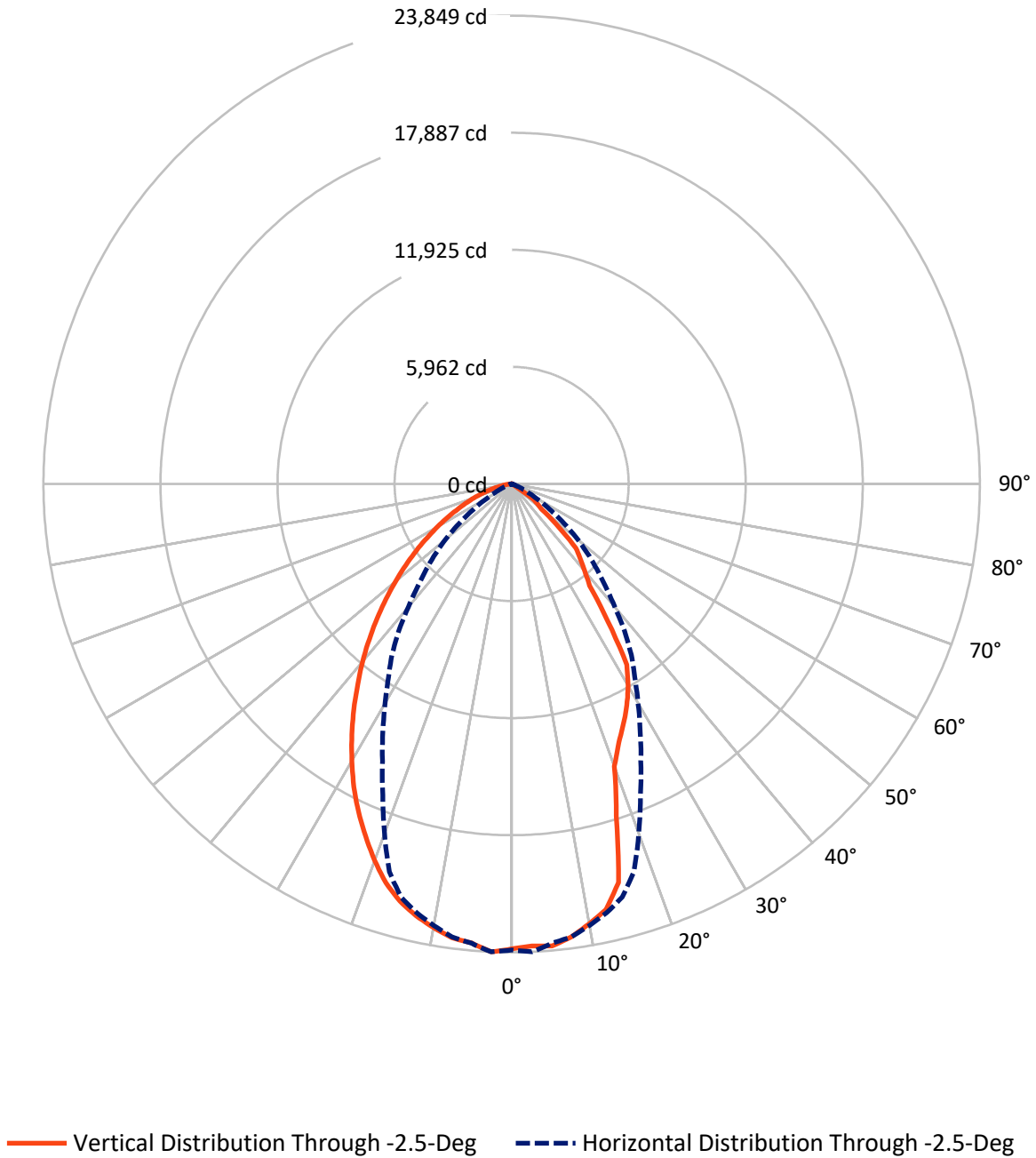
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 CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.2 | | 0.2 | | 0.3 | | 0.4 | | 0.3 | | 0.2 | | 0.2 | | 0.1 | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.2 | | | |
| 50 | | 0.3 | 0.6 | 3.0 | 8.7 | 16.7 | 24.8 | 30.9 | 30.9 | 24.8 | 16.7 | 8.7 | 3.0 | 0.6 | 0.3 | | | | |
| 40 | 0.5 | 0.6 | 3.5 | 16.3 | 39.5 | 71.1 | 104.9 | 128.5 | 128.5 | 104.9 | 71.1 | 39.5 | 16.3 | 3.5 | 0.6 | 0.5 | | | |
| 30 | | 1.5 | 11.8 | 41.3 | 92.2 | 149.6 | 224.2 | 262.1 | 262.1 | 224.2 | 149.6 | 92.2 | 41.3 | 11.8 | 1.5 | | | | |
| 20 | 1.0 | 3.5 | 22.9 | 73.2 | 148.6 | 235.7 | 353.5 | 406.3 | 406.3 | 353.5 | 235.7 | 148.6 | 73.2 | 22.9 | 3.5 | 1.0 | | | |
| 10 | | 6.0 | 35.2 | 108.4 | 214.1 | 352.4 | 524.6 | 601.6 | 601.6 | 524.6 | 352.4 | 214.1 | 108.4 | 35.2 | 6.0 | | | | |
| 0 | 1.6 | 8.2 | 45.6 | 128.7 | 256.1 | 421.1 | 619.4 | 703.0 | 703.0 | 619.4 | 421.1 | 256.1 | 128.7 | 45.6 | 8.2 | 1.6 | | | |
| -10 | | 9.8 | 50.3 | 133.7 | 262.9 | 430.7 | 624.1 | 705.6 | 705.6 | 624.1 | 430.7 | 262.9 | 133.7 | 50.3 | 9.8 | | | | |
| -20 | 2.0 | 10.2 | 49.2 | 126.5 | 247.9 | 403.3 | 579.2 | 654.4 | 654.4 | 579.2 | 403.3 | 247.9 | 126.5 | 49.2 | 10.2 | 2.0 | | | |
| -30 | | 9.3 | 43.0 | 110.4 | 214.2 | 342.9 | 485.5 | 549.9 | 549.9 | 485.5 | 342.9 | 214.2 | 110.4 | 43.0 | 9.3 | | | | |
| -40 | 2.0 | 7.8 | 34.3 | 86.8 | 168.5 | 264.5 | 370.8 | 419.8 | 419.8 | 370.8 | 264.5 | 168.5 | 86.8 | 34.3 | 7.8 | 2.0 | | | |
| -50 | | 6.3 | 25.3 | 61.9 | 120.7 | 186.0 | 256.6 | 291.3 | 291.3 | 256.6 | 186.0 | 120.7 | 61.9 | 25.3 | 6.3 | | | | |
| -60 | 1.5 | 4.7 | 16.6 | 39.7 | 75.0 | 115.5 | 156.9 | 178.9 | 178.9 | 156.9 | 115.5 | 75.0 | 39.7 | 16.6 | 4.7 | 1.5 | | | |
| -70 | | 3.3 | 10.0 | 23.2 | 41.2 | 61.2 | 81.1 | 91.9 | 91.9 | 81.1 | 61.2 | 41.2 | 23.2 | 10.0 | 3.3 | | | | |
| -80 | 0.6 | 7.4 | | 34.3 | | 74.8 | | 83.6 | | 74.8 | | 34.3 | | 7.4 | | 0.6 | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

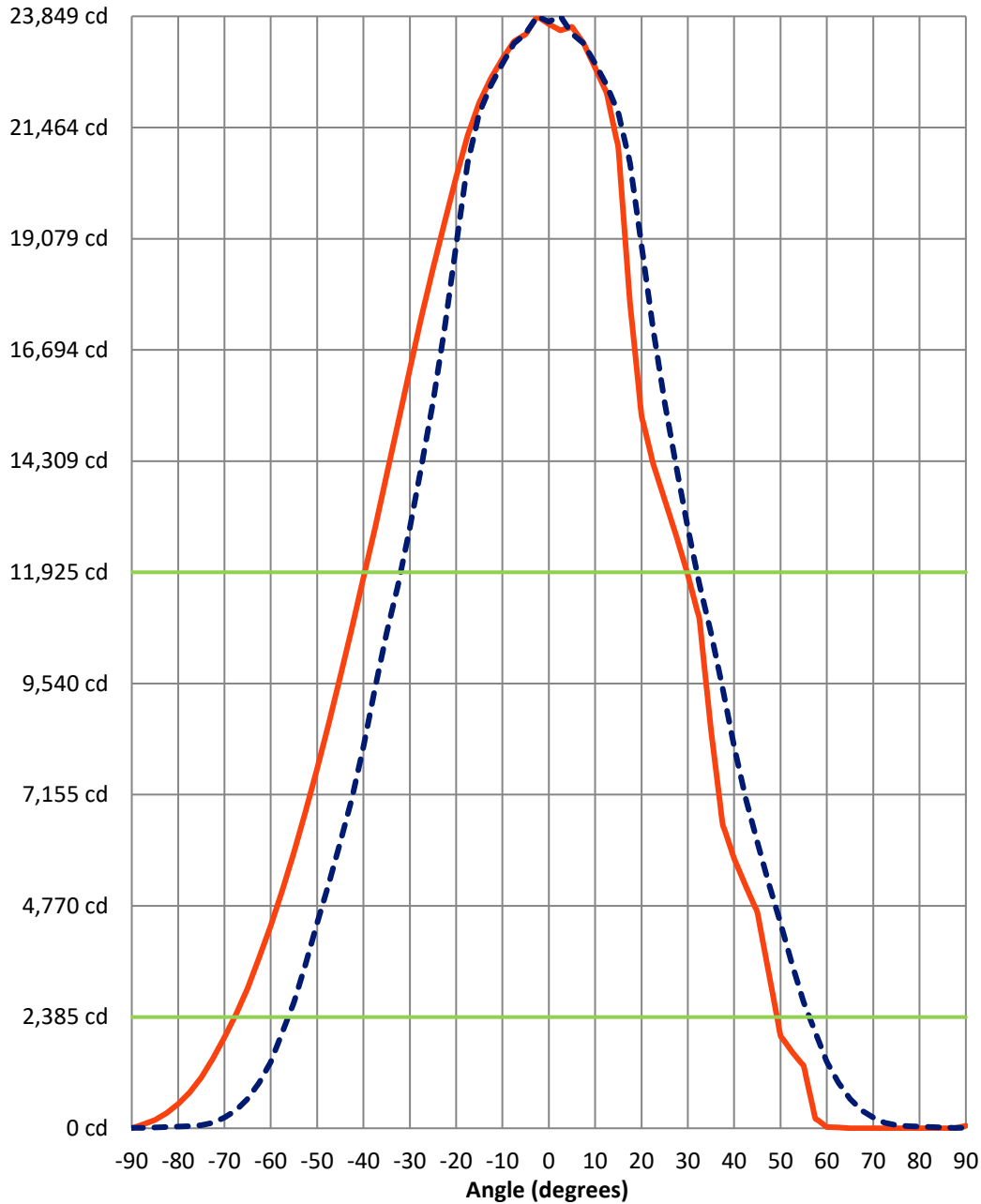
REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 18414.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 30202.1
 Efficiency: 94.9%

Spill:
 Lumens: 1625.2
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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° | 8.9 | 8.9 | 8.9 | 11.1 | 13.4 | 15.6 | 17.8 | 20.0 | 22.3 | 24.5 | 26.7 |
| 87.5° | 8.9 | 8.9 | 8.9 | 8.6 | 8.1 | 7.5 | 6.6 | 4.7 | 2.9 | 1.4 | 0.0 |
| 85° | 8.9 | 8.9 | 8.9 | 8.3 | 7.4 | 6.0 | 4.3 | 2.7 | 1.4 | 0.5 | 0.0 |
| 82.5° | 8.9 | 8.9 | 8.9 | 8.1 | 6.6 | 4.6 | 2.1 | 0.7 | 0.2 | 1.3 | 2.4 |
| 80° | 8.9 | 8.9 | 8.9 | 7.8 | 5.9 | 3.3 | 0.5 | 1.8 | 3.2 | 4.7 | 6.1 |
| 77.5° | 8.9 | 8.9 | 8.9 | 7.6 | 5.2 | 3.0 | 2.7 | 4.4 | 6.2 | 8.0 | 8.1 |
| 75° | 8.9 | 8.9 | 8.9 | 7.4 | 4.9 | 4.4 | 5.0 | 7.0 | 8.8 | 7.2 | 4.7 |
| 72.5° | 8.9 | 8.9 | 8.9 | 7.2 | 5.7 | 5.8 | 7.1 | 8.8 | 7.6 | 5.1 | 1.5 |
| 70° | 8.9 | 8.9 | 8.9 | 7.1 | 6.4 | 7.1 | 8.9 | 8.4 | 6.5 | 3.4 | 4.1 |
| 67.5° | 8.9 | 8.9 | 8.9 | 7.4 | 7.1 | 8.3 | 9.2 | 8.2 | 5.8 | 6.9 | 7.9 |
| 65° | 8.9 | 8.9 | 8.9 | 7.7 | 7.8 | 9.2 | 9.5 | 8.1 | 8.9 | 10.4 | 11.0 |
| 62.5° | 8.9 | 8.9 | 8.9 | 8.0 | 8.3 | 9.9 | 10.0 | 10.1 | 12.0 | 13.5 | 12.3 |
| 60° | 8.9 | 8.9 | 8.9 | 8.2 | 8.9 | 10.7 | 10.6 | 12.7 | 15.0 | 15.5 | 13.9 |
| 57.5° | 8.9 | 8.9 | 9.0 | 8.4 | 9.7 | 11.5 | 12.7 | 15.4 | 17.6 | 17.8 | 17.4 |
| 55° | 8.9 | 8.9 | 9.1 | 8.6 | 10.6 | 12.5 | 14.9 | 18.0 | 20.3 | 20.7 | 21.6 |
| 52.5° | 8.9 | 8.9 | 9.3 | 8.7 | 11.6 | 13.6 | 17.1 | 20.6 | 23.2 | 24.5 | 25.8 |
| 50° | 8.9 | 8.9 | 9.5 | 8.8 | 12.6 | 15.4 | 19.3 | 23.1 | 26.4 | 28.3 | 30.0 |
| 47.5° | 8.9 | 8.9 | 9.7 | 9.1 | 13.6 | 17.2 | 21.5 | 25.6 | 29.7 | 32.0 | 34.2 |
| 45° | 8.9 | 8.9 | 10.0 | 9.9 | 14.7 | 19.0 | 23.5 | 28.1 | 32.8 | 35.7 | 38.3 |
| 42.5° | 8.9 | 8.9 | 10.3 | 10.7 | 15.8 | 20.7 | 25.6 | 30.8 | 36.1 | 39.4 | 46.5 |
| 40° | 8.9 | 8.9 | 10.6 | 11.8 | 17.0 | 22.3 | 27.6 | 33.8 | 39.7 | 43.1 | 55.5 |
| 37.5° | 8.9 | 8.9 | 10.9 | 13.0 | 18.3 | 23.9 | 29.5 | 36.9 | 43.4 | 49.0 | 64.7 |
| 35° | 8.9 | 8.9 | 11.3 | 14.2 | 19.5 | 25.5 | 31.3 | 40.2 | 47.3 | 60.2 | 82.3 |
| 32.5° | 8.9 | 8.9 | 11.7 | 15.3 | 20.7 | 26.9 | 33.4 | 43.5 | 51.4 | 73.4 | 117.5 |
| 30° | 8.9 | 8.9 | 12.1 | 16.4 | 21.9 | 28.4 | 36.1 | 46.9 | 55.6 | 88.4 | 151.7 |
| 27.5° | 8.9 | 8.9 | 12.6 | 17.5 | 23.3 | 29.8 | 38.7 | 50.4 | 63.0 | 105.0 | 184.8 |
| 25° | 8.9 | 8.9 | 13.1 | 18.5 | 24.6 | 31.1 | 41.3 | 53.8 | 75.9 | 129.4 | 217.2 |
| 22.5° | 8.9 | 8.9 | 13.5 | 19.5 | 26.0 | 32.4 | 43.9 | 57.3 | 89.4 | 156.2 | 260.1 |
| 20° | 8.9 | 8.9 | 14.0 | 20.5 | 27.3 | 34.1 | 46.5 | 60.8 | 103.5 | 181.6 | 302.6 |
| 17.5° | 8.9 | 8.9 | 14.5 | 21.4 | 28.5 | 35.6 | 49.0 | 64.3 | 117.8 | 205.6 | 344.5 |
| 15° | 8.9 | 8.9 | 15.0 | 22.3 | 29.7 | 37.1 | 51.5 | 68.8 | 132.2 | 228.0 | 385.1 |
| 12.5° | 8.9 | 8.9 | 15.5 | 23.2 | 30.9 | 38.5 | 53.8 | 75.0 | 148.3 | 248.8 | 424.1 |
| 10° | 8.9 | 8.9 | 16.0 | 24.0 | 31.9 | 39.9 | 55.9 | 81.4 | 165.3 | 273.1 | 463.1 |
| 7.5° | 8.9 | 8.9 | 16.5 | 24.7 | 32.9 | 41.2 | 57.8 | 88.0 | 181.4 | 296.6 | 504.2 |
| 5° | 8.9 | 8.9 | 17.0 | 25.4 | 33.9 | 42.4 | 59.5 | 94.6 | 196.6 | 318.4 | 542.0 |
| 2.5° | 8.9 | 8.9 | 17.4 | 26.1 | 34.8 | 43.5 | 61.0 | 100.9 | 210.4 | 338.3 | 576.0 |
| 0° | 8.9 | 8.9 | 17.8 | 26.7 | 35.6 | 44.5 | 62.3 | 106.8 | 222.6 | 356.1 | 605.4 |
| -2.5° | 8.9 | 8.9 | 17.8 | 26.7 | 36.3 | 45.4 | 65.8 | 117.7 | 231.4 | 384.2 | 631.9 |
| -5° | 8.9 | 8.9 | 17.7 | 26.6 | 37.0 | 46.3 | 68.9 | 127.6 | 238.5 | 408.8 | 653.6 |
| -7.5° | 8.9 | 8.9 | 17.6 | 26.5 | 37.6 | 47.1 | 71.7 | 136.4 | 244.1 | 428.9 | 670.6 |
| -10° | 8.9 | 8.9 | 17.5 | 26.3 | 38.0 | 47.7 | 74.0 | 143.5 | 248.2 | 443.5 | 683.0 |
| -12.5° | 8.9 | 8.9 | 17.4 | 26.1 | 38.3 | 48.3 | 75.7 | 148.9 | 251.0 | 451.1 | 692.7 |
| -15° | 8.9 | 8.9 | 17.2 | 25.8 | 38.4 | 48.8 | 76.8 | 152.2 | 256.2 | 450.3 | 696.3 |
| -17.5° | 8.9 | 8.9 | 17.0 | 25.5 | 38.3 | 49.2 | 77.2 | 155.4 | 263.9 | 445.8 | 692.0 |
| -20° | 8.9 | 8.9 | 16.7 | 25.1 | 38.1 | 49.5 | 79.2 | 158.6 | 268.9 | 437.6 | 679.2 |

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Scaled Data Report



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 8.9 | 8.9 | 16.4 | 24.7 | 37.6 | 49.7 | 84.3 | 160.0 | 271.1 | 425.9 | 657.7 |
| -25° | 8.9 | 8.9 | 16.1 | 24.2 | 37.0 | 53.0 | 88.5 | 159.5 | 270.3 | 410.8 | 626.9 |
| -27.5° | 8.9 | 8.9 | 15.8 | 23.7 | 36.1 | 57.1 | 91.7 | 157.1 | 266.5 | 397.9 | 604.3 |
| -30° | 8.9 | 8.9 | 15.4 | 23.1 | 35.2 | 60.7 | 93.9 | 152.7 | 261.5 | 392.1 | 579.1 |
| -32.5° | 8.9 | 8.9 | 15.0 | 22.5 | 36.5 | 63.6 | 95.1 | 153.0 | 255.1 | 382.4 | 550.5 |
| -35° | 8.9 | 8.9 | 14.6 | 21.9 | 37.4 | 65.9 | 97.7 | 153.8 | 246.3 | 368.5 | 518.8 |
| -37.5° | 8.9 | 8.9 | 14.1 | 21.2 | 38.0 | 67.4 | 100.3 | 153.2 | 234.9 | 350.7 | 504.6 |
| -40° | 8.9 | 8.9 | 13.6 | 20.4 | 38.3 | 67.9 | 101.9 | 151.2 | 221.0 | 333.6 | 488.8 |
| -42.5° | 8.9 | 8.9 | 13.1 | 20.0 | 38.6 | 67.9 | 102.4 | 147.7 | 213.1 | 319.8 | 464.6 |
| -45° | 8.9 | 8.9 | 12.6 | 20.1 | 38.8 | 67.4 | 101.9 | 144.6 | 207.4 | 302.7 | 434.1 |
| -47.5° | 8.9 | 8.9 | 12.0 | 20.0 | 38.5 | 66.4 | 100.3 | 142.5 | 199.9 | 282.3 | 410.1 |
| -50° | 8.9 | 8.9 | 11.4 | 19.7 | 37.8 | 64.9 | 98.2 | 139.0 | 194.0 | 275.0 | 381.5 |
| -52.5° | 8.9 | 8.9 | 10.8 | 19.3 | 36.7 | 62.9 | 95.5 | 134.0 | 189.0 | 265.3 | 350.8 |
| -55° | 8.9 | 8.9 | 10.2 | 18.8 | 35.1 | 60.3 | 92.1 | 127.9 | 182.8 | 253.2 | 336.2 |
| -57.5° | 8.9 | 8.9 | 9.6 | 18.1 | 33.1 | 57.0 | 88.0 | 122.6 | 174.2 | 240.6 | 318.9 |
| -60° | 8.9 | 8.9 | 8.9 | 17.3 | 30.8 | 53.1 | 83.1 | 116.6 | 163.3 | 225.5 | 298.9 |
| -62.5° | 8.9 | 8.9 | 8.9 | 16.4 | 29.1 | 48.6 | 76.4 | 108.6 | 149.7 | 207.8 | 275.6 |
| -65° | 8.9 | 8.9 | 8.9 | 15.3 | 27.2 | 43.6 | 68.9 | 98.4 | 133.3 | 184.4 | 249.2 |
| -67.5° | 8.9 | 8.9 | 8.9 | 14.1 | 25.1 | 39.2 | 60.6 | 86.4 | 114.4 | 157.0 | 214.1 |
| -70° | 8.9 | 8.9 | 8.9 | 12.8 | 22.8 | 35.6 | 51.6 | 73.6 | 98.0 | 126.6 | 173.0 |
| -72.5° | 8.9 | 8.9 | 8.9 | 12.5 | 20.3 | 31.7 | 45.6 | 60.2 | 80.8 | 105.0 | 132.4 |
| -75° | 8.9 | 8.9 | 8.9 | 12.4 | 17.7 | 27.6 | 39.7 | 50.8 | 62.9 | 82.7 | 105.3 |
| -77.5° | 8.9 | 8.9 | 8.9 | 12.3 | 16.8 | 23.3 | 33.5 | 42.7 | 52.2 | 62.6 | 77.2 |
| -80° | 8.9 | 8.9 | 8.9 | 12.1 | 16.2 | 21.0 | 27.1 | 34.4 | 42.1 | 50.4 | 59.4 |
| -82.5° | 8.9 | 8.9 | 8.9 | 11.9 | 15.5 | 19.7 | 24.5 | 27.9 | 31.7 | 38.0 | 44.8 |
| -85° | 8.9 | 8.9 | 8.9 | 11.7 | 14.8 | 18.4 | 22.3 | 25.3 | 28.3 | 31.2 | 34.1 |
| -87.5° | 8.9 | 8.9 | 8.9 | 11.4 | 14.1 | 17.0 | 20.1 | 22.7 | 25.3 | 27.9 | 30.4 |
| -90° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 6.7 | 4.4 | 2.2 | 0.0 |



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CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 28.9 | 31.2 | 33.4 |
| 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 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 2.6 | 2.3 | 1.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 5.9 | 4.8 | 2.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 5.1 | 2.6 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 1.9 | 0.1 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 1.5 | 2.5 | 2.4 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 5.0 | 5.4 | 3.6 | 1.5 | 0.0 | 0.5 | 1.3 | 0.9 | 0.0 | 0.5 | 1.1 |
| 67.5° | 8.3 | 6.2 | 4.0 | 2.5 | 3.3 | 4.5 | 4.2 | 4.5 | 4.8 | 5.3 | 4.5 |
| 65° | 8.7 | 6.6 | 6.7 | 7.8 | 8.7 | 9.6 | 10.4 | 11.0 | 9.3 | 8.0 | 8.2 |
| 62.5° | 9.3 | 10.0 | 11.6 | 13.0 | 14.3 | 15.5 | 15.6 | 13.8 | 10.5 | 13.2 | 15.1 |
| 60° | 13.2 | 14.5 | 16.4 | 18.2 | 19.9 | 20.9 | 20.0 | 20.2 | 22.5 | 26.0 | 50.0 |
| 57.5° | 17.8 | 19.0 | 21.2 | 24.1 | 26.5 | 26.9 | 27.7 | 30.1 | 70.5 | 115.2 | 127.3 |
| 55° | 22.5 | 23.5 | 27.2 | 31.6 | 34.2 | 34.0 | 48.8 | 102.9 | 155.3 | 215.2 | 237.3 |
| 52.5° | 27.1 | 29.0 | 35.4 | 40.7 | 44.0 | 68.6 | 123.7 | 197.1 | 274.5 | 343.3 | 432.1 |
| 50° | 31.7 | 38.1 | 44.7 | 52.5 | 83.7 | 147.8 | 228.3 | 328.6 | 445.2 | 555.1 | 667.7 |
| 47.5° | 39.6 | 47.7 | 57.8 | 82.8 | 165.2 | 254.2 | 365.5 | 526.8 | 670.6 | 803.6 | 957.8 |
| 45° | 49.0 | 65.8 | 77.0 | 164.0 | 259.6 | 374.5 | 563.0 | 760.2 | 890.7 | 1068.7 | 1341.6 |
| 42.5° | 58.6 | 91.1 | 147.1 | 247.8 | 364.3 | 549.5 | 783.3 | 951.3 | 1125.0 | 1413.4 | 1700.4 |
| 40° | 84.4 | 122.2 | 221.9 | 341.7 | 489.3 | 759.4 | 999.3 | 1189.6 | 1426.8 | 1746.5 | 2046.1 |
| 37.5° | 115.6 | 186.5 | 298.2 | 441.8 | 685.4 | 981.5 | 1238.4 | 1510.2 | 1782.9 | 2084.2 | 2640.1 |
| 35° | 150.4 | 246.1 | 394.9 | 588.6 | 881.8 | 1227.7 | 1534.1 | 1837.8 | 2152.0 | 2745.5 | 3297.0 |
| 32.5° | 195.7 | 301.1 | 496.0 | 759.4 | 1093.9 | 1473.7 | 1829.4 | 2180.4 | 2684.3 | 3356.0 | 3909.4 |
| 30° | 244.4 | 389.3 | 612.3 | 917.4 | 1293.6 | 1698.9 | 2126.6 | 2551.6 | 3218.5 | 3774.3 | 4375.1 |
| 27.5° | 295.3 | 482.6 | 748.7 | 1082.5 | 1480.6 | 1911.5 | 2394.1 | 3000.4 | 3595.3 | 4144.4 | 4804.7 |
| 25° | 347.5 | 579.7 | 873.5 | 1240.4 | 1664.6 | 2141.3 | 2696.3 | 3434.8 | 3900.1 | 4507.0 | 5195.8 |
| 22.5° | 414.8 | 672.6 | 997.0 | 1383.4 | 1835.1 | 2377.3 | 3085.2 | 3826.8 | 4374.4 | 4884.8 | 5557.7 |
| 20° | 492.6 | 777.2 | 1131.4 | 1562.7 | 2002.2 | 2607.9 | 3471.9 | 4251.9 | 4896.0 | 5480.5 | 6098.5 |
| 17.5° | 565.2 | 875.0 | 1275.1 | 1745.8 | 2245.3 | 2903.4 | 3851.3 | 4714.5 | 5423.4 | 6074.8 | 6846.3 |
| 15° | 632.4 | 965.5 | 1415.9 | 1919.0 | 2484.3 | 3242.0 | 4191.5 | 5139.6 | 5949.0 | 6681.9 | 7558.6 |
| 12.5° | 693.8 | 1048.1 | 1551.5 | 2081.2 | 2709.3 | 3533.8 | 4477.2 | 5402.6 | 6292.3 | 7247.3 | 8242.2 |
| 10° | 749.1 | 1122.5 | 1679.6 | 2230.9 | 2917.9 | 3780.7 | 4713.3 | 5621.8 | 6519.5 | 7530.2 | 8635.6 |
| 7.5° | 808.5 | 1192.0 | 1795.9 | 2366.9 | 3107.7 | 3984.6 | 4901.9 | 5797.8 | 6703.1 | 7756.4 | 8891.3 |
| 5° | 863.4 | 1255.9 | 1888.3 | 2464.4 | 3254.4 | 4143.7 | 5043.7 | 5931.4 | 6842.5 | 7924.9 | 9084.9 |
| 2.5° | 911.7 | 1309.6 | 1963.5 | 2540.9 | 3363.1 | 4260.7 | 5136.0 | 6042.9 | 6945.9 | 8062.0 | 9232.8 |
| 0° | 952.6 | 1353.2 | 2020.9 | 2599.6 | 3445.3 | 4344.5 | 5190.3 | 6116.1 | 7006.4 | 8154.9 | 9330.0 |
| -2.5° | 978.8 | 1424.7 | 2060.3 | 2702.0 | 3517.1 | 4399.4 | 5238.8 | 6136.7 | 7071.6 | 8184.3 | 9439.2 |
| -5° | 997.2 | 1482.5 | 2084.1 | 2780.9 | 3564.1 | 4423.6 | 5254.8 | 6120.8 | 7088.9 | 8176.9 | 9455.3 |
| -7.5° | 1007.9 | 1523.4 | 2095.3 | 2825.8 | 3580.7 | 4409.1 | 5227.8 | 6090.6 | 7060.5 | 8148.9 | 9384.5 |
| -10° | 1014.0 | 1536.2 | 2110.4 | 2812.2 | 3558.9 | 4361.3 | 5167.5 | 6019.9 | 6979.7 | 8057.8 | 9250.2 |
| -12.5° | 1030.8 | 1528.0 | 2107.8 | 2782.4 | 3512.1 | 4289.2 | 5078.2 | 5907.9 | 6845.1 | 7902.6 | 9064.6 |
| -15° | 1035.0 | 1509.7 | 2082.4 | 2738.3 | 3440.6 | 4194.9 | 4961.3 | 5754.4 | 6679.2 | 7751.2 | 8859.2 |
| -17.5° | 1025.6 | 1482.0 | 2033.1 | 2682.1 | 3344.7 | 4080.6 | 4823.6 | 5616.1 | 6523.5 | 7576.7 | 8643.6 |
| -20° | 1001.8 | 1446.1 | 1958.6 | 2615.6 | 3231.0 | 3953.5 | 4685.7 | 5471.0 | 6344.6 | 7334.5 | 8402.3 |



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 962.8 | 1402.7 | 1878.0 | 2523.0 | 3132.8 | 3807.7 | 4524.1 | 5273.4 | 6120.3 | 7020.4 | 8077.8 |
| -25° | 922.5 | 1353.7 | 1814.5 | 2395.6 | 3014.6 | 3637.3 | 4338.4 | 5031.7 | 5856.9 | 6740.9 | 7679.2 |
| -27.5° | 884.3 | 1285.3 | 1748.5 | 2256.1 | 2875.5 | 3455.5 | 4128.5 | 4804.7 | 5560.6 | 6427.1 | 7291.0 |
| -30° | 834.3 | 1211.3 | 1667.9 | 2122.0 | 2709.2 | 3284.1 | 3894.3 | 4559.9 | 5239.6 | 6061.9 | 6911.8 |
| -32.5° | 790.2 | 1134.5 | 1576.2 | 2019.8 | 2530.4 | 3091.2 | 3641.9 | 4276.2 | 4939.7 | 5640.6 | 6480.4 |
| -35° | 760.7 | 1089.1 | 1478.9 | 1901.8 | 2347.9 | 2881.3 | 3405.1 | 3956.2 | 4598.8 | 5256.6 | 5994.0 |
| -37.5° | 736.8 | 1036.8 | 1376.5 | 1778.7 | 2203.4 | 2661.2 | 3151.6 | 3658.6 | 4219.3 | 4882.6 | 5575.9 |
| -40° | 699.2 | 978.0 | 1300.7 | 1661.5 | 2036.2 | 2452.4 | 2907.6 | 3366.6 | 3852.6 | 4500.5 | 5184.7 |
| -42.5° | 651.0 | 921.1 | 1229.2 | 1533.9 | 1876.2 | 2256.2 | 2660.8 | 3093.0 | 3560.1 | 4122.9 | 4751.7 |
| -45° | 613.9 | 848.3 | 1149.8 | 1422.6 | 1706.0 | 2053.5 | 2433.5 | 2825.0 | 3265.6 | 3748.7 | 4313.5 |
| -47.5° | 566.9 | 769.2 | 1045.8 | 1300.8 | 1550.5 | 1847.1 | 2194.6 | 2565.2 | 2955.4 | 3390.8 | 3853.7 |
| -50° | 516.5 | 703.1 | 918.7 | 1167.0 | 1405.0 | 1651.7 | 1948.0 | 2290.8 | 2644.9 | 3024.3 | 3437.3 |
| -52.5° | 478.3 | 625.9 | 822.6 | 1029.3 | 1256.2 | 1480.0 | 1732.3 | 2026.1 | 2342.4 | 2659.4 | 3022.8 |
| -55° | 435.0 | 569.0 | 731.2 | 916.5 | 1109.6 | 1316.7 | 1546.5 | 1803.9 | 2061.7 | 2353.0 | 2642.9 |
| -57.5° | 404.6 | 514.3 | 654.8 | 815.9 | 989.4 | 1165.3 | 1382.2 | 1599.8 | 1838.4 | 2079.5 | 2320.1 |
| -60° | 380.8 | 467.0 | 583.6 | 725.4 | 880.1 | 1044.6 | 1222.5 | 1423.5 | 1629.0 | 1825.7 | 2033.6 |
| -62.5° | 353.7 | 428.6 | 519.8 | 635.4 | 775.2 | 918.3 | 1075.0 | 1247.2 | 1433.1 | 1598.8 | 1759.9 |
| -65° | 318.5 | 383.6 | 461.8 | 555.9 | 665.7 | 786.7 | 920.3 | 1065.4 | 1226.0 | 1360.5 | 1492.2 |
| -67.5° | 278.1 | 332.9 | 398.5 | 475.4 | 566.9 | 661.4 | 759.4 | 882.1 | 1012.6 | 1122.2 | 1229.5 |
| -70° | 227.2 | 278.0 | 331.6 | 394.3 | 466.0 | 546.1 | 632.4 | 721.5 | 810.8 | 900.3 | 998.4 |
| -72.5° | 173.9 | 220.1 | 265.6 | 310.4 | 367.5 | 433.0 | 503.4 | 578.1 | 656.1 | 732.7 | 807.2 |
| -75° | 132.6 | 162.6 | 202.4 | 242.6 | 282.3 | 325.0 | 372.6 | 432.0 | 504.5 | 578.8 | 646.9 |
| -77.5° | 100.1 | 125.3 | 151.8 | 179.5 | 204.6 | 236.1 | 270.4 | 307.3 | 367.1 | 435.7 | 505.0 |
| -80° | 72.2 | 87.3 | 108.4 | 130.7 | 148.3 | 165.7 | 183.7 | 202.5 | 246.9 | 302.2 | 361.1 |
| -82.5° | 53.6 | 63.9 | 75.6 | 88.5 | 97.4 | 106.1 | 115.7 | 128.1 | 161.1 | 198.4 | 237.8 |
| -85° | 36.9 | 40.0 | 46.3 | 53.5 | 58.5 | 63.5 | 68.6 | 73.9 | 91.7 | 111.6 | 133.0 |
| -87.5° | 31.8 | 33.4 | 35.1 | 36.9 | 37.5 | 38.1 | 38.7 | 39.3 | 45.3 | 51.5 | 58.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 35.6 | 37.8 | 40.1 | 42.3 | 44.5 | 46.7 | 49.0 | 51.2 | 53.4 | 53.4 | 53.4 |
| 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° | 0.8 | 0.0 | 0.0 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 4.1 | 4.5 | 4.6 | 3.7 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 9.4 | 9.0 | 6.7 | 4.3 | 2.1 | 3.4 | 5.4 | 6.4 | 6.5 | 5.8 | 4.5 |
| 62.5° | 14.1 | 12.9 | 11.7 | 13.5 | 16.2 | 18.7 | 18.0 | 17.0 | 15.8 | 15.0 | 15.6 |
| 60° | 52.6 | 35.1 | 40.5 | 50.9 | 47.6 | 32.6 | 53.6 | 60.7 | 51.7 | 35.4 | 34.2 |
| 57.5° | 133.4 | 128.8 | 147.5 | 215.5 | 237.2 | 216.2 | 258.3 | 313.6 | 311.9 | 268.6 | 267.2 |
| 55° | 284.3 | 381.5 | 498.7 | 517.7 | 599.3 | 762.9 | 890.3 | 834.4 | 834.1 | 876.0 | 1011.3 |
| 52.5° | 540.1 | 631.7 | 665.9 | 756.9 | 927.5 | 1051.3 | 1130.8 | 1213.2 | 1303.5 | 1395.6 | 1488.9 |
| 50° | 792.6 | 881.5 | 982.6 | 1075.9 | 1312.0 | 1439.0 | 1417.8 | 1588.4 | 1806.7 | 1943.1 | 2013.1 |
| 47.5° | 1162.5 | 1302.8 | 1516.3 | 1851.0 | 2027.2 | 2154.6 | 2313.1 | 2506.3 | 2756.4 | 3095.5 | 3356.8 |
| 45° | 1598.1 | 1818.7 | 2149.2 | 2504.7 | 2778.2 | 2902.8 | 3084.0 | 3383.2 | 3782.0 | 4170.2 | 4453.7 |
| 42.5° | 1954.1 | 2256.8 | 2629.6 | 2969.3 | 3192.3 | 3396.9 | 3631.7 | 3884.0 | 4340.7 | 4755.4 | 5083.1 |
| 40° | 2418.8 | 2654.5 | 3072.7 | 3392.9 | 3592.6 | 3795.5 | 4167.5 | 4545.1 | 4974.6 | 5361.0 | 5629.5 |
| 37.5° | 3007.7 | 3273.0 | 3708.0 | 4070.1 | 4262.4 | 4334.1 | 4966.6 | 5492.4 | 5841.4 | 6334.7 | 6496.0 |
| 35° | 3640.3 | 4077.0 | 4631.3 | 5100.9 | 5289.3 | 5665.6 | 6317.3 | 7050.8 | 7845.5 | 8137.8 | 8387.0 |
| 32.5° | 4346.1 | 4884.9 | 5637.0 | 6140.9 | 6409.9 | 6980.9 | 7805.7 | 8588.6 | 9627.8 | 10191.8 | 10360.3 |
| 30° | 4991.8 | 5610.0 | 6256.5 | 6746.3 | 7206.2 | 7893.9 | 8646.0 | 9611.4 | 10572.3 | 11293.4 | 11517.3 |
| 27.5° | 5465.6 | 6149.7 | 6771.2 | 7229.9 | 7748.9 | 8490.3 | 9428.1 | 10405.7 | 11348.9 | 12084.6 | 12346.0 |
| 25° | 5917.9 | 6691.2 | 7183.3 | 7716.6 | 8325.9 | 9133.9 | 10173.2 | 11259.4 | 12188.5 | 12810.2 | 13130.9 |
| 22.5° | 6432.4 | 7194.8 | 7723.1 | 8174.8 | 8971.5 | 9902.6 | 10867.3 | 12094.7 | 13079.0 | 13575.2 | 13922.7 |
| 20° | 6963.4 | 7826.1 | 8642.1 | 9062.3 | 9751.7 | 10930.5 | 12010.4 | 13169.2 | 14119.7 | 14636.7 | 15002.8 |
| 17.5° | 7704.4 | 8803.7 | 9804.5 | 10399.5 | 11137.8 | 12547.3 | 13894.8 | 15067.0 | 16389.2 | 16856.2 | 17303.6 |
| 15° | 8485.6 | 9758.0 | 10930.4 | 11873.0 | 12826.6 | 14223.2 | 15957.8 | 17372.3 | 18881.0 | 19554.8 | 20316.6 |
| 12.5° | 9264.4 | 10468.4 | 11530.6 | 12746.6 | 14090.6 | 15326.0 | 16977.4 | 18738.9 | 20107.9 | 20967.2 | 21480.1 |
| 10° | 9846.5 | 10964.8 | 11986.9 | 13205.8 | 14547.3 | 15944.8 | 17585.8 | 19391.4 | 20824.5 | 21557.8 | 21976.3 |
| 7.5° | 10160.8 | 11231.1 | 12309.2 | 13544.4 | 14879.8 | 16368.2 | 18059.0 | 19850.4 | 21315.8 | 22026.3 | 22439.5 |
| 5° | 10394.2 | 11422.1 | 12538.4 | 13838.7 | 15188.9 | 16698.1 | 18386.6 | 20156.6 | 21492.8 | 22247.8 | 22770.5 |
| 2.5° | 10535.4 | 11543.1 | 12684.5 | 14028.9 | 15382.5 | 16954.3 | 18724.4 | 20559.1 | 21728.3 | 22335.6 | 22816.3 |
| 0° | 10576.4 | 11591.3 | 12766.4 | 14128.5 | 15517.4 | 17102.0 | 18855.9 | 20672.0 | 21856.1 | 22443.6 | 22933.3 |
| -2.5° | 10622.5 | 11667.4 | 12874.8 | 14193.1 | 15570.2 | 17150.4 | 18940.6 | 20710.3 | 21775.4 | 22368.3 | 22834.1 |
| -5° | 10590.3 | 11673.3 | 12877.0 | 14139.7 | 15525.8 | 17093.4 | 18812.0 | 20466.7 | 21580.9 | 22221.9 | 22685.1 |
| -7.5° | 10494.5 | 11592.9 | 12784.2 | 13997.7 | 15357.4 | 16942.8 | 18654.2 | 20247.5 | 21376.2 | 22052.2 | 22559.0 |
| -10° | 10355.1 | 11421.4 | 12620.9 | 13849.9 | 15193.3 | 16702.5 | 18387.5 | 19971.3 | 21051.6 | 21769.3 | 22360.0 |
| -12.5° | 10200.5 | 11244.8 | 12400.9 | 13579.8 | 14908.4 | 16398.9 | 18031.5 | 19530.8 | 20604.7 | 21387.5 | 21809.6 |
| -15° | 9971.5 | 11015.1 | 12120.5 | 13260.7 | 14555.7 | 16001.7 | 17561.3 | 18999.7 | 20054.3 | 20691.3 | 21157.7 |
| -17.5° | 9680.2 | 10704.2 | 11752.1 | 12833.6 | 14053.7 | 15477.7 | 17046.8 | 18465.4 | 19325.0 | 19893.9 | 20352.4 |
| -20° | 9368.2 | 10315.1 | 11307.9 | 12328.5 | 13511.0 | 14921.6 | 16462.6 | 17700.0 | 18510.2 | 19056.8 | 19489.7 |



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 9011.8 | 9923.7 | 10832.5 | 11808.0 | 12967.6 | 14260.9 | 15622.0 | 16817.8 | 17688.9 | 18186.8 | 18586.8 |
| -25° | 8605.0 | 9492.1 | 10355.1 | 11297.3 | 12362.9 | 13525.5 | 14791.1 | 15966.2 | 16746.4 | 17275.2 | 17671.9 |
| -27.5° | 8166.9 | 9000.3 | 9843.3 | 10689.4 | 11647.5 | 12805.8 | 13977.8 | 15069.5 | 15735.5 | 16268.5 | 16667.6 |
| -30° | 7729.6 | 8479.2 | 9259.2 | 10060.2 | 10959.3 | 12003.7 | 13100.1 | 14018.0 | 14720.4 | 15238.3 | 15608.8 |
| -32.5° | 7255.7 | 7967.0 | 8658.0 | 9406.7 | 10253.3 | 11173.7 | 12135.8 | 13009.0 | 13759.5 | 14233.9 | 14546.2 |
| -35° | 6770.3 | 7458.9 | 8091.3 | 8770.9 | 9517.7 | 10311.9 | 11200.0 | 12061.2 | 12802.4 | 13177.7 | 13482.1 |
| -37.5° | 6264.7 | 6951.4 | 7551.0 | 8118.6 | 8761.9 | 9497.5 | 10362.5 | 11184.2 | 11824.5 | 12147.2 | 12421.5 |
| -40° | 5825.1 | 6429.6 | 6969.3 | 7512.5 | 8035.5 | 8688.7 | 9495.9 | 10291.5 | 10805.2 | 11119.7 | 11374.5 |
| -42.5° | 5398.3 | 5908.2 | 6350.2 | 6837.2 | 7360.6 | 8004.6 | 8655.9 | 9322.9 | 9735.8 | 10084.8 | 10353.2 |
| -45° | 4901.2 | 5357.0 | 5771.4 | 6176.5 | 6653.9 | 7241.8 | 7833.5 | 8367.7 | 8754.5 | 9091.8 | 9353.2 |
| -47.5° | 4351.5 | 4791.5 | 5194.0 | 5556.1 | 5999.8 | 6490.1 | 6988.3 | 7432.9 | 7814.8 | 8148.1 | 8381.3 |
| -50° | 3839.2 | 4232.3 | 4625.2 | 4991.7 | 5376.1 | 5772.9 | 6177.0 | 6567.2 | 6929.7 | 7253.6 | 7452.1 |
| -52.5° | 3380.2 | 3742.9 | 4086.3 | 4406.7 | 4743.2 | 5078.3 | 5413.0 | 5770.4 | 6104.0 | 6410.5 | 6569.0 |
| -55° | 2964.9 | 3292.0 | 3601.9 | 3871.8 | 4141.7 | 4407.6 | 4694.4 | 5024.4 | 5331.6 | 5615.5 | 5729.2 |
| -57.5° | 2592.1 | 2872.0 | 3146.2 | 3374.5 | 3594.9 | 3806.4 | 4058.2 | 4336.8 | 4605.6 | 4848.9 | 4942.0 |
| -60° | 2249.2 | 2471.4 | 2700.7 | 2903.2 | 3095.2 | 3276.6 | 3496.2 | 3720.5 | 3938.5 | 4122.0 | 4201.3 |
| -62.5° | 1933.8 | 2123.8 | 2297.6 | 2462.2 | 2624.8 | 2788.1 | 2965.3 | 3143.3 | 3319.4 | 3460.7 | 3532.3 |
| -65° | 1629.7 | 1781.0 | 1920.6 | 2055.9 | 2187.3 | 2324.4 | 2463.2 | 2598.4 | 2728.8 | 2829.8 | 2891.8 |
| -67.5° | 1344.3 | 1459.3 | 1570.0 | 1675.5 | 1785.4 | 1896.6 | 2005.1 | 2108.7 | 2206.6 | 2284.7 | 2344.0 |
| -70° | 1091.2 | 1180.2 | 1266.9 | 1354.2 | 1446.0 | 1532.4 | 1614.1 | 1691.6 | 1764.5 | 1820.8 | 1866.5 |
| -72.5° | 879.6 | 951.8 | 1026.7 | 1105.3 | 1179.5 | 1244.1 | 1302.8 | 1359.4 | 1413.7 | 1445.5 | 1469.2 |
| -75° | 709.1 | 769.9 | 835.1 | 898.7 | 960.6 | 1009.7 | 1052.9 | 1094.7 | 1134.8 | 1136.9 | 1128.9 |
| -77.5° | 572.9 | 627.2 | 677.6 | 727.6 | 777.0 | 807.3 | 833.7 | 860.9 | 888.4 | 872.5 | 847.3 |
| -80° | 420.5 | 465.7 | 508.5 | 551.5 | 594.5 | 612.4 | 624.9 | 635.8 | 644.9 | 624.1 | 598.5 |
| -82.5° | 279.0 | 307.6 | 335.4 | 363.7 | 392.4 | 403.9 | 412.4 | 419.5 | 425.1 | 406.3 | 384.6 |
| -85° | 155.7 | 169.4 | 182.9 | 196.4 | 210.0 | 218.1 | 225.4 | 232.1 | 238.3 | 227.1 | 214.4 |
| -87.5° | 64.7 | 67.8 | 70.9 | 73.8 | 76.7 | 79.6 | 82.4 | 85.1 | 87.8 | 88.2 | 88.5 |
| -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: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 51.2 |
| 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° | 2.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 | 2.6 | 4.5 | 5.8 | 6.5 | 6.4 |
| 62.5° | 16.3 | 17.0 | 17.6 | 17.8 | 17.6 | 17.0 | 16.3 | 15.6 | 15.0 | 15.8 | 17.0 |
| 60° | 31.4 | 27.6 | 26.6 | 26.7 | 26.6 | 27.6 | 31.4 | 34.2 | 35.4 | 51.7 | 60.7 |
| 57.5° | 246.8 | 211.3 | 216.6 | 240.4 | 216.6 | 211.3 | 246.8 | 267.2 | 268.6 | 311.9 | 313.6 |
| 55° | 1153.3 | 1287.5 | 1334.8 | 1308.7 | 1334.8 | 1287.5 | 1153.3 | 1011.3 | 876.0 | 834.1 | 834.4 |
| 52.5° | 1562.6 | 1617.6 | 1638.9 | 1638.1 | 1638.9 | 1617.6 | 1562.6 | 1488.9 | 1395.6 | 1303.5 | 1213.2 |
| 50° | 2034.3 | 2015.7 | 1987.0 | 1958.6 | 1987.0 | 2015.7 | 2034.3 | 2013.1 | 1943.1 | 1806.7 | 1588.4 |
| 47.5° | 3395.0 | 3336.2 | 3311.4 | 3356.3 | 3311.4 | 3336.2 | 3395.0 | 3356.8 | 3095.5 | 2756.4 | 2506.3 |
| 45° | 4511.6 | 4580.5 | 4632.0 | 4629.4 | 4632.0 | 4580.5 | 4511.6 | 4453.7 | 4170.2 | 3782.0 | 3383.2 |
| 42.5° | 5147.4 | 5184.1 | 5194.8 | 5181.4 | 5194.8 | 5184.1 | 5147.4 | 5083.1 | 4755.4 | 4340.7 | 3884.0 |
| 40° | 5713.9 | 5757.7 | 5782.3 | 5804.5 | 5782.3 | 5757.7 | 5713.9 | 5629.5 | 5361.0 | 4974.6 | 4545.1 |
| 37.5° | 6549.2 | 6565.3 | 6530.3 | 6507.9 | 6530.3 | 6565.3 | 6549.2 | 6496.0 | 6334.7 | 5841.4 | 5492.4 |
| 35° | 8597.1 | 8639.0 | 8541.9 | 8644.5 | 8541.9 | 8639.0 | 8597.1 | 8387.0 | 8137.8 | 7845.5 | 7050.8 |
| 32.5° | 10561.1 | 10757.7 | 10916.7 | 11048.2 | 10916.7 | 10757.7 | 10561.1 | 10360.3 | 10191.8 | 9627.8 | 8588.6 |
| 30° | 11673.7 | 11800.5 | 11868.6 | 11885.1 | 11868.6 | 11800.5 | 11673.7 | 11517.3 | 11293.4 | 10572.3 | 9611.4 |
| 27.5° | 12490.5 | 12623.4 | 12706.2 | 12766.4 | 12706.2 | 12623.4 | 12490.5 | 12346.0 | 12084.6 | 11348.9 | 10405.7 |
| 25° | 13277.8 | 13399.4 | 13482.1 | 13514.3 | 13482.1 | 13399.4 | 13277.8 | 13130.9 | 12810.2 | 12188.5 | 11259.4 |
| 22.5° | 14094.7 | 14179.2 | 14258.7 | 14297.7 | 14258.7 | 14179.2 | 14094.7 | 13922.7 | 13575.2 | 13079.0 | 12094.7 |
| 20° | 15265.8 | 15219.9 | 15292.4 | 15268.1 | 15292.4 | 15219.9 | 15265.8 | 15002.8 | 14636.7 | 14119.7 | 13169.2 |
| 17.5° | 17652.5 | 17677.3 | 17725.7 | 17805.4 | 17725.7 | 17677.3 | 17652.5 | 17303.6 | 16856.2 | 16389.2 | 15067.0 |
| 15° | 20654.0 | 20714.4 | 21021.4 | 21295.2 | 21021.4 | 20714.4 | 20654.0 | 20316.6 | 19554.8 | 18881.0 | 17372.3 |
| 12.5° | 21955.9 | 22164.9 | 22197.3 | 22274.5 | 22197.3 | 22164.9 | 21955.9 | 21480.1 | 20967.2 | 20107.9 | 18738.9 |
| 10° | 22390.4 | 22752.3 | 22744.6 | 22835.4 | 22744.6 | 22752.3 | 22390.4 | 21976.3 | 21557.8 | 20824.5 | 19391.4 |
| 7.5° | 22720.0 | 23108.6 | 23273.0 | 23342.8 | 23273.0 | 23108.6 | 22720.0 | 22439.5 | 22026.3 | 21315.8 | 19850.4 |
| 5° | 23122.5 | 23336.2 | 23619.8 | 23538.7 | 23619.8 | 23336.2 | 23122.5 | 22770.5 | 22247.8 | 21492.8 | 20156.6 |
| 2.5° | 23291.3 | 23626.0 | 23548.8 | 23627.7 | 23548.8 | 23626.0 | 23291.3 | 22816.3 | 22335.6 | 21728.3 | 20559.1 |
| 0° | 23405.1 | 23645.5 | 23681.1 | 23761.2 | 23681.1 | 23645.5 | 23405.1 | 22933.3 | 22443.6 | 21856.1 | 20672.0 |
| -2.5° | 23267.1 | 23478.6 | 23849.1 | 23734.5 | 23849.1 | 23478.6 | 23267.1 | 22834.1 | 22368.3 | 21775.4 | 20710.3 |
| -5° | 23146.0 | 23666.7 | 23464.5 | 23716.7 | 23464.5 | 23666.7 | 23146.0 | 22685.1 | 22221.9 | 21580.9 | 20466.7 |
| -7.5° | 23083.6 | 23176.7 | 23310.8 | 23503.1 | 23310.8 | 23176.7 | 23083.6 | 22559.0 | 22052.2 | 21376.2 | 20247.5 |
| -10° | 22600.3 | 22695.5 | 22942.1 | 23075.7 | 22942.1 | 22695.5 | 22600.3 | 22360.0 | 21769.3 | 21051.6 | 19971.3 |
| -12.5° | 22076.3 | 22260.6 | 22519.7 | 22603.9 | 22519.7 | 22260.6 | 22076.3 | 21809.6 | 21387.5 | 20604.7 | 19530.8 |
| -15° | 21472.6 | 21746.5 | 21998.9 | 22051.9 | 21998.9 | 21746.5 | 21472.6 | 21157.7 | 20691.3 | 20054.3 | 18999.7 |
| -17.5° | 20704.9 | 21033.4 | 21298.6 | 21357.5 | 21298.6 | 21033.4 | 20704.9 | 20352.4 | 19893.9 | 19325.0 | 18465.4 |
| -20° | 19859.1 | 20173.6 | 20399.3 | 20467.3 | 20399.3 | 20173.6 | 19859.1 | 19489.7 | 19056.8 | 18510.2 | 17700.0 |



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 18953.5 | 19236.7 | 19427.5 | 19398.9 | 19427.5 | 19236.7 | 18953.5 | 18586.8 | 18186.8 | 17688.9 | 16817.8 |
| -25° | 17992.0 | 18254.9 | 18436.6 | 18410.7 | 18436.6 | 18254.9 | 17992.0 | 17671.9 | 17275.2 | 16746.4 | 15966.2 |
| -27.5° | 16975.6 | 17224.6 | 17399.1 | 17404.7 | 17399.1 | 17224.6 | 16975.6 | 16667.6 | 16268.5 | 15735.5 | 15069.5 |
| -30° | 15907.5 | 16133.6 | 16275.4 | 16220.7 | 16275.4 | 16133.6 | 15907.5 | 15608.8 | 15238.3 | 14720.4 | 14018.0 |
| -32.5° | 14805.9 | 15010.4 | 15140.4 | 15179.1 | 15140.4 | 15010.4 | 14805.9 | 14546.2 | 14233.9 | 13759.5 | 13009.0 |
| -35° | 13719.2 | 13899.5 | 14011.8 | 14039.5 | 14011.8 | 13899.5 | 13719.2 | 13482.1 | 13177.7 | 12802.4 | 12061.2 |
| -37.5° | 12639.6 | 12794.8 | 12873.2 | 12837.7 | 12873.2 | 12794.8 | 12639.6 | 12421.5 | 12147.2 | 11824.5 | 11184.2 |
| -40° | 11572.8 | 11720.5 | 11810.3 | 11831.7 | 11810.3 | 11720.5 | 11572.8 | 11374.5 | 11119.7 | 10805.2 | 10291.5 |
| -42.5° | 10523.7 | 10646.6 | 10725.4 | 10763.3 | 10725.4 | 10646.6 | 10523.7 | 10353.2 | 10084.8 | 9735.8 | 9322.9 |
| -45° | 9505.8 | 9615.6 | 9689.5 | 9730.6 | 9689.5 | 9615.6 | 9505.8 | 9353.2 | 9091.8 | 8754.5 | 8367.7 |
| -47.5° | 8515.3 | 8611.6 | 8675.4 | 8706.8 | 8675.4 | 8611.6 | 8515.3 | 8381.3 | 8148.1 | 7814.8 | 7432.9 |
| -50° | 7568.2 | 7651.6 | 7711.0 | 7745.3 | 7711.0 | 7651.6 | 7568.2 | 7452.1 | 7253.6 | 6929.7 | 6567.2 |
| -52.5° | 6669.9 | 6742.8 | 6793.5 | 6819.5 | 6793.5 | 6742.8 | 6669.9 | 6569.0 | 6410.5 | 6104.0 | 5770.4 |
| -55° | 5812.3 | 5871.4 | 5918.3 | 5947.0 | 5918.3 | 5871.4 | 5812.3 | 5729.2 | 5615.5 | 5331.6 | 5024.4 |
| -57.5° | 5012.4 | 5060.7 | 5105.1 | 5136.8 | 5105.1 | 5060.7 | 5012.4 | 4942.0 | 4848.9 | 4605.6 | 4336.8 |
| -60° | 4263.8 | 4309.3 | 4347.2 | 4371.2 | 4347.2 | 4309.3 | 4263.8 | 4201.3 | 4122.0 | 3938.5 | 3720.5 |
| -62.5° | 3588.1 | 3628.5 | 3663.1 | 3685.7 | 3663.1 | 3628.5 | 3588.1 | 3532.3 | 3460.7 | 3319.4 | 3143.3 |
| -65° | 2940.5 | 2976.7 | 3002.5 | 3018.0 | 3002.5 | 2976.7 | 2940.5 | 2891.8 | 2829.8 | 2728.8 | 2598.4 |
| -67.5° | 2394.5 | 2436.2 | 2444.5 | 2439.3 | 2444.5 | 2436.2 | 2394.5 | 2344.0 | 2284.7 | 2206.6 | 2108.7 |
| -70° | 1907.2 | 1942.5 | 1950.8 | 1949.7 | 1950.8 | 1942.5 | 1907.2 | 1866.5 | 1820.8 | 1764.5 | 1691.6 |
| -72.5° | 1491.3 | 1510.6 | 1494.2 | 1468.9 | 1494.2 | 1510.6 | 1491.3 | 1469.2 | 1445.5 | 1413.7 | 1359.4 |
| -75° | 1119.0 | 1106.7 | 1089.5 | 1068.3 | 1089.5 | 1106.7 | 1119.0 | 1128.9 | 1136.9 | 1134.8 | 1094.7 |
| -77.5° | 819.6 | 789.2 | 769.4 | 747.8 | 769.4 | 789.2 | 819.6 | 847.3 | 872.5 | 888.4 | 860.9 |
| -80° | 570.7 | 541.0 | 520.4 | 498.5 | 520.4 | 541.0 | 570.7 | 598.5 | 624.1 | 644.9 | 635.8 |
| -82.5° | 361.5 | 337.0 | 324.6 | 311.6 | 324.6 | 337.0 | 361.5 | 384.6 | 406.3 | 425.1 | 419.5 |
| -85° | 200.8 | 186.4 | 178.0 | 169.2 | 178.0 | 186.4 | 200.8 | 214.4 | 227.1 | 238.3 | 232.1 |
| -87.5° | 88.7 | 88.9 | 84.5 | 80.1 | 84.5 | 88.9 | 88.7 | 88.5 | 88.2 | 87.8 | 85.1 |
| -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: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 90° | 49.0 | 46.7 | 44.5 | 42.3 | 40.1 | 37.8 | 35.6 | 33.4 | 31.2 | 28.9 | 26.7 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.0 | 0.8 | 1.1 | 0.5 | 0.0 | 0.9 |
| 67.5° | 0.0 | 0.0 | 1.6 | 3.7 | 4.6 | 4.5 | 4.1 | 4.5 | 5.3 | 4.8 | 4.5 |
| 65° | 5.4 | 3.4 | 2.1 | 4.3 | 6.7 | 9.0 | 9.4 | 8.2 | 8.0 | 9.3 | 11.0 |
| 62.5° | 18.0 | 18.7 | 16.2 | 13.5 | 11.7 | 12.9 | 14.1 | 15.1 | 13.2 | 10.5 | 13.8 |
| 60° | 53.6 | 32.6 | 47.6 | 50.9 | 40.5 | 35.1 | 52.6 | 50.0 | 26.0 | 22.5 | 20.2 |
| 57.5° | 258.3 | 216.2 | 237.2 | 215.5 | 147.5 | 128.8 | 133.4 | 127.3 | 115.2 | 70.5 | 30.1 |
| 55° | 890.3 | 762.9 | 599.3 | 517.7 | 498.7 | 381.5 | 284.3 | 237.3 | 215.2 | 155.3 | 102.9 |
| 52.5° | 1130.8 | 1051.3 | 927.5 | 756.9 | 665.9 | 631.7 | 540.1 | 432.1 | 343.3 | 274.5 | 197.1 |
| 50° | 1417.8 | 1439.0 | 1312.0 | 1075.9 | 982.6 | 881.5 | 792.6 | 667.7 | 555.1 | 445.2 | 328.6 |
| 47.5° | 2313.1 | 2154.6 | 2027.2 | 1851.0 | 1516.3 | 1302.8 | 1162.5 | 957.8 | 803.6 | 670.6 | 526.8 |
| 45° | 3084.0 | 2902.8 | 2778.2 | 2504.7 | 2149.2 | 1818.7 | 1598.1 | 1341.6 | 1068.7 | 890.7 | 760.2 |
| 42.5° | 3631.7 | 3396.9 | 3192.3 | 2969.3 | 2629.6 | 2256.8 | 1954.1 | 1700.4 | 1413.4 | 1125.0 | 951.3 |
| 40° | 4167.5 | 3795.5 | 3592.6 | 3392.9 | 3072.7 | 2654.5 | 2418.8 | 2046.1 | 1746.5 | 1426.8 | 1189.6 |
| 37.5° | 4966.6 | 4334.1 | 4262.4 | 4070.1 | 3708.0 | 3273.0 | 3007.7 | 2640.1 | 2084.2 | 1782.9 | 1510.2 |
| 35° | 6317.3 | 5665.6 | 5289.3 | 5100.9 | 4631.3 | 4077.0 | 3640.3 | 3297.0 | 2745.5 | 2152.0 | 1837.8 |
| 32.5° | 7805.7 | 6980.9 | 6409.9 | 6140.9 | 5637.0 | 4884.9 | 4346.1 | 3909.4 | 3356.0 | 2684.3 | 2180.4 |
| 30° | 8646.0 | 7893.9 | 7206.2 | 6746.3 | 6256.5 | 5610.0 | 4991.8 | 4375.1 | 3774.3 | 3218.5 | 2551.6 |
| 27.5° | 9428.1 | 8490.3 | 7748.9 | 7229.9 | 6771.2 | 6149.7 | 5465.6 | 4804.7 | 4144.4 | 3595.3 | 3000.4 |
| 25° | 10173.2 | 9133.9 | 8325.9 | 7716.6 | 7183.3 | 6691.2 | 5917.9 | 5195.8 | 4507.0 | 3900.1 | 3434.8 |
| 22.5° | 10867.3 | 9902.6 | 8971.5 | 8174.8 | 7723.1 | 7194.8 | 6432.4 | 5557.7 | 4884.8 | 4374.4 | 3826.8 |
| 20° | 12010.4 | 10930.5 | 9751.7 | 9062.3 | 8642.1 | 7826.1 | 6963.4 | 6098.5 | 5480.5 | 4896.0 | 4251.9 |
| 17.5° | 13894.8 | 12547.3 | 11137.8 | 10399.5 | 9804.5 | 8803.7 | 7704.4 | 6846.3 | 6074.8 | 5423.4 | 4714.5 |
| 15° | 15957.8 | 14223.2 | 12826.6 | 11873.0 | 10930.4 | 9758.0 | 8485.6 | 7558.6 | 6681.9 | 5949.0 | 5139.6 |
| 12.5° | 16977.4 | 15326.0 | 14090.6 | 12746.6 | 11530.6 | 10468.4 | 9264.4 | 8242.2 | 7247.3 | 6292.3 | 5402.6 |
| 10° | 17585.8 | 15944.8 | 14547.3 | 13205.8 | 11986.9 | 10964.8 | 9846.5 | 8635.6 | 7530.2 | 6519.5 | 5621.8 |
| 7.5° | 18059.0 | 16368.2 | 14879.8 | 13544.4 | 12309.2 | 11231.1 | 10160.8 | 8891.3 | 7756.4 | 6703.1 | 5797.8 |
| 5° | 18386.6 | 16698.1 | 15188.9 | 13838.7 | 12538.4 | 11422.1 | 10394.2 | 9084.9 | 7924.9 | 6842.5 | 5931.4 |
| 2.5° | 18724.4 | 16954.3 | 15382.5 | 14028.9 | 12684.5 | 11543.1 | 10535.4 | 9232.8 | 8062.0 | 6945.9 | 6042.9 |
| 0° | 18855.9 | 17102.0 | 15517.4 | 14128.5 | 12766.4 | 11591.3 | 10576.4 | 9330.0 | 8154.9 | 7006.4 | 6116.1 |
| -2.5° | 18940.6 | 17150.4 | 15570.2 | 14193.1 | 12874.8 | 11667.4 | 10622.5 | 9439.2 | 8184.3 | 7071.6 | 6136.7 |
| -5° | 18812.0 | 17093.4 | 15525.8 | 14139.7 | 12877.0 | 11673.3 | 10590.3 | 9455.3 | 8176.9 | 7088.9 | 6120.8 |
| -7.5° | 18654.2 | 16942.8 | 15357.4 | 13997.7 | 12784.2 | 11592.9 | 10494.5 | 9384.5 | 8148.9 | 7060.5 | 6090.6 |
| -10° | 18387.5 | 16702.5 | 15193.3 | 13849.9 | 12620.9 | 11421.4 | 10355.1 | 9250.2 | 8057.8 | 6979.7 | 6019.9 |
| -12.5° | 18031.5 | 16398.9 | 14908.4 | 13579.8 | 12400.9 | 11244.8 | 10200.5 | 9064.6 | 7902.6 | 6845.1 | 5907.9 |
| -15° | 17561.3 | 16001.7 | 14555.7 | 13260.7 | 12120.5 | 11015.1 | 9971.5 | 8859.2 | 7751.2 | 6679.2 | 5754.4 |
| -17.5° | 17046.8 | 15477.7 | 14053.7 | 12833.6 | 11752.1 | 10704.2 | 9680.2 | 8643.6 | 7576.7 | 6523.5 | 5616.1 |
| -20° | 16462.6 | 14921.6 | 13511.0 | 12328.5 | 11307.9 | 10315.1 | 9368.2 | 8402.3 | 7334.5 | 6344.6 | 5471.0 |



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| -22.5° | 15622.0 | 14260.9 | 12967.6 | 11808.0 | 10832.5 | 9923.7 | 9011.8 | 8077.8 | 7020.4 | 6120.3 | 5273.4 |
| -25° | 14791.1 | 13525.5 | 12362.9 | 11297.3 | 10355.1 | 9492.1 | 8605.0 | 7679.2 | 6740.9 | 5856.9 | 5031.7 |
| -27.5° | 13977.8 | 12805.8 | 11647.5 | 10689.4 | 9843.3 | 9000.3 | 8166.9 | 7291.0 | 6427.1 | 5560.6 | 4804.7 |
| -30° | 13100.1 | 12003.7 | 10959.3 | 10060.2 | 9259.2 | 8479.2 | 7729.6 | 6911.8 | 6061.9 | 5239.6 | 4559.9 |
| -32.5° | 12135.8 | 11173.7 | 10253.3 | 9406.7 | 8658.0 | 7967.0 | 7255.7 | 6480.4 | 5640.6 | 4939.7 | 4276.2 |
| -35° | 11200.0 | 10311.9 | 9517.7 | 8770.9 | 8091.3 | 7458.9 | 6770.3 | 5994.0 | 5256.6 | 4598.8 | 3956.2 |
| -37.5° | 10362.5 | 9497.5 | 8761.9 | 8118.6 | 7551.0 | 6951.4 | 6264.7 | 5575.9 | 4882.6 | 4219.3 | 3658.6 |
| -40° | 9495.9 | 8688.7 | 8035.5 | 7512.5 | 6969.3 | 6429.6 | 5825.1 | 5184.7 | 4500.5 | 3852.6 | 3366.6 |
| -42.5° | 8655.9 | 8004.6 | 7360.6 | 6837.2 | 6350.2 | 5908.2 | 5398.3 | 4751.7 | 4122.9 | 3560.1 | 3093.0 |
| -45° | 7833.5 | 7241.8 | 6653.9 | 6176.5 | 5771.4 | 5357.0 | 4901.2 | 4313.5 | 3748.7 | 3265.6 | 2825.0 |
| -47.5° | 6988.3 | 6490.1 | 5999.8 | 5556.1 | 5194.0 | 4791.5 | 4351.5 | 3853.7 | 3390.8 | 2955.4 | 2565.2 |
| -50° | 6177.0 | 5772.9 | 5376.1 | 4991.7 | 4625.2 | 4232.3 | 3839.2 | 3437.3 | 3024.3 | 2644.9 | 2290.8 |
| -52.5° | 5413.0 | 5078.3 | 4743.2 | 4406.7 | 4086.3 | 3742.9 | 3380.2 | 3022.8 | 2659.4 | 2342.4 | 2026.1 |
| -55° | 4694.4 | 4407.6 | 4141.7 | 3871.8 | 3601.9 | 3292.0 | 2964.9 | 2642.9 | 2353.0 | 2061.7 | 1803.9 |
| -57.5° | 4058.2 | 3806.4 | 3594.9 | 3374.5 | 3146.2 | 2872.0 | 2592.1 | 2320.1 | 2079.5 | 1838.4 | 1599.8 |
| -60° | 3496.2 | 3276.6 | 3095.2 | 2903.2 | 2700.7 | 2471.4 | 2249.2 | 2033.6 | 1825.7 | 1629.0 | 1423.5 |
| -62.5° | 2965.3 | 2788.1 | 2624.8 | 2462.2 | 2297.6 | 2123.8 | 1933.8 | 1759.9 | 1598.8 | 1433.1 | 1247.2 |
| -65° | 2463.2 | 2324.4 | 2187.3 | 2055.9 | 1920.6 | 1781.0 | 1629.7 | 1492.2 | 1360.5 | 1226.0 | 1065.4 |
| -67.5° | 2005.1 | 1896.6 | 1785.4 | 1675.5 | 1570.0 | 1459.3 | 1344.3 | 1229.5 | 1122.2 | 1012.6 | 882.1 |
| -70° | 1614.1 | 1532.4 | 1446.0 | 1354.2 | 1266.9 | 1180.2 | 1091.2 | 998.4 | 900.3 | 810.8 | 721.5 |
| -72.5° | 1302.8 | 1244.1 | 1179.5 | 1105.3 | 1026.7 | 951.8 | 879.6 | 807.2 | 732.7 | 656.1 | 578.1 |
| -75° | 1052.9 | 1009.7 | 960.6 | 898.7 | 835.1 | 769.9 | 709.1 | 646.9 | 578.8 | 504.5 | 432.0 |
| -77.5° | 833.7 | 807.3 | 777.0 | 727.6 | 677.6 | 627.2 | 572.9 | 505.0 | 435.7 | 367.1 | 307.3 |
| -80° | 624.9 | 612.4 | 594.5 | 551.5 | 508.5 | 465.7 | 420.5 | 361.1 | 302.2 | 246.9 | 202.5 |
| -82.5° | 412.4 | 403.9 | 392.4 | 363.7 | 335.4 | 307.6 | 279.0 | 237.8 | 198.4 | 161.1 | 128.1 |
| -85° | 225.4 | 218.1 | 210.0 | 196.4 | 182.9 | 169.4 | 155.7 | 133.0 | 111.6 | 91.7 | 73.9 |
| -87.5° | 82.4 | 79.6 | 76.7 | 73.8 | 70.9 | 67.8 | 64.7 | 58.0 | 51.5 | 45.3 | 39.3 |
| -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: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 90° | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 26.7 | 24.5 | 22.3 | 20.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 2.9 | 4.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.5 | 1.4 | 2.7 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.1 | 1.5 | 2.3 | 2.6 | 2.4 | 1.3 | 0.2 | 0.7 |
| 80° | 0.0 | 0.0 | 0.0 | 0.3 | 2.2 | 4.8 | 5.9 | 6.1 | 4.7 | 3.2 | 1.8 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.9 | 2.6 | 5.1 | 8.1 | 8.0 | 6.2 | 4.4 |
| 75° | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.1 | 1.9 | 4.7 | 7.2 | 8.8 | 7.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 1.1 | 2.4 | 2.5 | 1.5 | 1.5 | 5.1 | 7.6 | 8.8 |
| 70° | 1.3 | 0.5 | 0.0 | 1.5 | 3.6 | 5.4 | 5.0 | 4.1 | 3.4 | 6.5 | 8.4 |
| 67.5° | 4.2 | 4.5 | 3.3 | 2.5 | 4.0 | 6.2 | 8.3 | 7.9 | 6.9 | 5.8 | 8.2 |
| 65° | 10.4 | 9.6 | 8.7 | 7.8 | 6.7 | 6.6 | 8.7 | 11.0 | 10.4 | 8.9 | 8.1 |
| 62.5° | 15.6 | 15.5 | 14.3 | 13.0 | 11.6 | 10.0 | 9.3 | 12.3 | 13.5 | 12.0 | 10.1 |
| 60° | 20.0 | 20.9 | 19.9 | 18.2 | 16.4 | 14.5 | 13.2 | 13.9 | 15.5 | 15.0 | 12.7 |
| 57.5° | 27.7 | 26.9 | 26.5 | 24.1 | 21.2 | 19.0 | 17.8 | 17.4 | 17.8 | 17.6 | 15.4 |
| 55° | 48.8 | 34.0 | 34.2 | 31.6 | 27.2 | 23.5 | 22.5 | 21.6 | 20.7 | 20.3 | 18.0 |
| 52.5° | 123.7 | 68.6 | 44.0 | 40.7 | 35.4 | 29.0 | 27.1 | 25.8 | 24.5 | 23.2 | 20.6 |
| 50° | 228.3 | 147.8 | 83.7 | 52.5 | 44.7 | 38.1 | 31.7 | 30.0 | 28.3 | 26.4 | 23.1 |
| 47.5° | 365.5 | 254.2 | 165.2 | 82.8 | 57.8 | 47.7 | 39.6 | 34.2 | 32.0 | 29.7 | 25.6 |
| 45° | 563.0 | 374.5 | 259.6 | 164.0 | 77.0 | 65.8 | 49.0 | 38.3 | 35.7 | 32.8 | 28.1 |
| 42.5° | 783.3 | 549.5 | 364.3 | 247.8 | 147.1 | 91.1 | 58.6 | 46.5 | 39.4 | 36.1 | 30.8 |
| 40° | 999.3 | 759.4 | 489.3 | 341.7 | 221.9 | 122.2 | 84.4 | 55.5 | 43.1 | 39.7 | 33.8 |
| 37.5° | 1238.4 | 981.5 | 685.4 | 441.8 | 298.2 | 186.5 | 115.6 | 64.7 | 49.0 | 43.4 | 36.9 |
| 35° | 1534.1 | 1227.7 | 881.8 | 588.6 | 394.9 | 246.1 | 150.4 | 82.3 | 60.2 | 47.3 | 40.2 |
| 32.5° | 1829.4 | 1473.7 | 1093.9 | 759.4 | 496.0 | 301.1 | 195.7 | 117.5 | 73.4 | 51.4 | 43.5 |
| 30° | 2126.6 | 1698.9 | 1293.6 | 917.4 | 612.3 | 389.3 | 244.4 | 151.7 | 88.4 | 55.6 | 46.9 |
| 27.5° | 2394.1 | 1911.5 | 1480.6 | 1082.5 | 748.7 | 482.6 | 295.3 | 184.8 | 105.0 | 63.0 | 50.4 |
| 25° | 2696.3 | 2141.3 | 1664.6 | 1240.4 | 873.5 | 579.7 | 347.5 | 217.2 | 129.4 | 75.9 | 53.8 |
| 22.5° | 3085.2 | 2377.3 | 1835.1 | 1383.4 | 997.0 | 672.6 | 414.8 | 260.1 | 156.2 | 89.4 | 57.3 |
| 20° | 3471.9 | 2607.9 | 2002.2 | 1562.7 | 1131.4 | 777.2 | 492.6 | 302.6 | 181.6 | 103.5 | 60.8 |
| 17.5° | 3851.3 | 2903.4 | 2245.3 | 1745.8 | 1275.1 | 875.0 | 565.2 | 344.5 | 205.6 | 117.8 | 64.3 |
| 15° | 4191.5 | 3242.0 | 2484.3 | 1919.0 | 1415.9 | 965.5 | 632.4 | 385.1 | 228.0 | 132.2 | 68.8 |
| 12.5° | 4477.2 | 3533.8 | 2709.3 | 2081.2 | 1551.5 | 1048.1 | 693.8 | 424.1 | 248.8 | 148.3 | 75.0 |
| 10° | 4713.3 | 3780.7 | 2917.9 | 2230.9 | 1679.6 | 1122.5 | 749.1 | 463.1 | 273.1 | 165.3 | 81.4 |
| 7.5° | 4901.9 | 3984.6 | 3107.7 | 2366.9 | 1795.9 | 1192.0 | 808.5 | 504.2 | 296.6 | 181.4 | 88.0 |
| 5° | 5043.7 | 4143.7 | 3254.4 | 2464.4 | 1888.3 | 1255.9 | 863.4 | 542.0 | 318.4 | 196.6 | 94.6 |
| 2.5° | 5136.0 | 4260.7 | 3363.1 | 2540.9 | 1963.5 | 1309.6 | 911.7 | 576.0 | 338.3 | 210.4 | 100.9 |
| 0° | 5190.3 | 4344.5 | 3445.3 | 2599.6 | 2020.9 | 1353.2 | 952.6 | 605.4 | 356.1 | 222.6 | 106.8 |
| -2.5° | 5238.8 | 4399.4 | 3517.1 | 2702.0 | 2060.3 | 1424.7 | 978.8 | 631.9 | 384.2 | 231.4 | 117.7 |
| -5° | 5254.8 | 4423.6 | 3564.1 | 2780.9 | 2084.1 | 1482.5 | 997.2 | 653.6 | 408.8 | 238.5 | 127.6 |
| -7.5° | 5227.8 | 4409.1 | 3580.7 | 2825.8 | 2095.3 | 1523.4 | 1007.9 | 670.6 | 428.9 | 244.1 | 136.4 |
| -10° | 5167.5 | 4361.3 | 3558.9 | 2812.2 | 2110.4 | 1536.2 | 1014.0 | 683.0 | 443.5 | 248.2 | 143.5 |
| -12.5° | 5078.2 | 4289.2 | 3512.1 | 2782.4 | 2107.8 | 1528.0 | 1030.8 | 692.7 | 451.1 | 251.0 | 148.9 |
| -15° | 4961.3 | 4194.9 | 3440.6 | 2738.3 | 2082.4 | 1509.7 | 1035.0 | 696.3 | 450.3 | 256.2 | 152.2 |
| -17.5° | 4823.6 | 4080.6 | 3344.7 | 2682.1 | 2033.1 | 1482.0 | 1025.6 | 692.0 | 445.8 | 263.9 | 155.4 |
| -20° | 4685.7 | 3953.5 | 3231.0 | 2615.6 | 1958.6 | 1446.1 | 1001.8 | 679.2 | 437.6 | 268.9 | 158.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 4524.1 | 3807.7 | 3132.8 | 2523.0 | 1878.0 | 1402.7 | 962.8 | 657.7 | 425.9 | 271.1 | 160.0 |
| -25° | 4338.4 | 3637.3 | 3014.6 | 2395.6 | 1814.5 | 1353.7 | 922.5 | 626.9 | 410.8 | 270.3 | 159.5 |
| -27.5° | 4128.5 | 3455.5 | 2875.5 | 2256.1 | 1748.5 | 1285.3 | 884.3 | 604.3 | 397.9 | 266.5 | 157.1 |
| -30° | 3894.3 | 3284.1 | 2709.2 | 2122.0 | 1667.9 | 1211.3 | 834.3 | 579.1 | 392.1 | 261.5 | 152.7 |
| -32.5° | 3641.9 | 3091.2 | 2530.4 | 2019.8 | 1576.2 | 1134.5 | 790.2 | 550.5 | 382.4 | 255.1 | 153.0 |
| -35° | 3405.1 | 2881.3 | 2347.9 | 1901.8 | 1478.9 | 1089.1 | 760.7 | 518.8 | 368.5 | 246.3 | 153.8 |
| -37.5° | 3151.6 | 2661.2 | 2203.4 | 1778.7 | 1376.5 | 1036.8 | 736.8 | 504.6 | 350.7 | 234.9 | 153.2 |
| -40° | 2907.6 | 2452.4 | 2036.2 | 1661.5 | 1300.7 | 978.0 | 699.2 | 488.8 | 333.6 | 221.0 | 151.2 |
| -42.5° | 2660.8 | 2256.2 | 1876.2 | 1533.9 | 1229.2 | 921.1 | 651.0 | 464.6 | 319.8 | 213.1 | 147.7 |
| -45° | 2433.5 | 2053.5 | 1706.0 | 1422.6 | 1149.8 | 848.3 | 613.9 | 434.1 | 302.7 | 207.4 | 144.6 |
| -47.5° | 2194.6 | 1847.1 | 1550.5 | 1300.8 | 1045.8 | 769.2 | 566.9 | 410.1 | 282.3 | 199.9 | 142.5 |
| -50° | 1948.0 | 1651.7 | 1405.0 | 1167.0 | 918.7 | 703.1 | 516.5 | 381.5 | 275.0 | 194.0 | 139.0 |
| -52.5° | 1732.3 | 1480.0 | 1256.2 | 1029.3 | 822.6 | 625.9 | 478.3 | 350.8 | 265.3 | 189.0 | 134.0 |
| -55° | 1546.5 | 1316.7 | 1109.6 | 916.5 | 731.2 | 569.0 | 435.0 | 336.2 | 253.2 | 182.8 | 127.9 |
| -57.5° | 1382.2 | 1165.3 | 989.4 | 815.9 | 654.8 | 514.3 | 404.6 | 318.9 | 240.6 | 174.2 | 122.6 |
| -60° | 1222.5 | 1044.6 | 880.1 | 725.4 | 583.6 | 467.0 | 380.8 | 298.9 | 225.5 | 163.3 | 116.6 |
| -62.5° | 1075.0 | 918.3 | 775.2 | 635.4 | 519.8 | 428.6 | 353.7 | 275.6 | 207.8 | 149.7 | 108.6 |
| -65° | 920.3 | 786.7 | 665.7 | 555.9 | 461.8 | 383.6 | 318.5 | 249.2 | 184.4 | 133.3 | 98.4 |
| -67.5° | 759.4 | 661.4 | 566.9 | 475.4 | 398.5 | 332.9 | 278.1 | 214.1 | 157.0 | 114.4 | 86.4 |
| -70° | 632.4 | 546.1 | 466.0 | 394.3 | 331.6 | 278.0 | 227.2 | 173.0 | 126.6 | 98.0 | 73.6 |
| -72.5° | 503.4 | 433.0 | 367.5 | 310.4 | 265.6 | 220.1 | 173.9 | 132.4 | 105.0 | 80.8 | 60.2 |
| -75° | 372.6 | 325.0 | 282.3 | 242.6 | 202.4 | 162.6 | 132.6 | 105.3 | 82.7 | 62.9 | 50.8 |
| -77.5° | 270.4 | 236.1 | 204.6 | 179.5 | 151.8 | 125.3 | 100.1 | 77.2 | 62.6 | 52.2 | 42.7 |
| -80° | 183.7 | 165.7 | 148.3 | 130.7 | 108.4 | 87.3 | 72.2 | 59.4 | 50.4 | 42.1 | 34.4 |
| -82.5° | 115.7 | 106.1 | 97.4 | 88.5 | 75.6 | 63.9 | 53.6 | 44.8 | 38.0 | 31.7 | 27.9 |
| -85° | 68.6 | 63.5 | 58.5 | 53.5 | 46.3 | 40.0 | 36.9 | 34.1 | 31.2 | 28.3 | 25.3 |
| -87.5° | 38.7 | 38.1 | 37.5 | 36.9 | 35.1 | 33.4 | 31.8 | 30.4 | 27.9 | 25.3 | 22.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 4.4 | 6.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| 90° | 17.8 | 15.6 | 13.4 | 11.1 | 8.9 | 8.9 | 8.9 |
| 87.5° | 6.6 | 7.5 | 8.1 | 8.6 | 8.9 | 8.9 | 8.9 |
| 85° | 4.3 | 6.0 | 7.4 | 8.3 | 8.9 | 8.9 | 8.9 |
| 82.5° | 2.1 | 4.6 | 6.6 | 8.1 | 8.9 | 8.9 | 8.9 |
| 80° | 0.5 | 3.3 | 5.9 | 7.8 | 8.9 | 8.9 | 8.9 |
| 77.5° | 2.7 | 3.0 | 5.2 | 7.6 | 8.9 | 8.9 | 8.9 |
| 75° | 5.0 | 4.4 | 4.9 | 7.4 | 8.9 | 8.9 | 8.9 |
| 72.5° | 7.1 | 5.8 | 5.7 | 7.2 | 8.9 | 8.9 | 8.9 |
| 70° | 8.9 | 7.1 | 6.4 | 7.1 | 8.9 | 8.9 | 8.9 |
| 67.5° | 9.2 | 8.3 | 7.1 | 7.4 | 8.9 | 8.9 | 8.9 |
| 65° | 9.5 | 9.2 | 7.8 | 7.7 | 8.9 | 8.9 | 8.9 |
| 62.5° | 10.0 | 9.9 | 8.3 | 8.0 | 8.9 | 8.9 | 8.9 |
| 60° | 10.6 | 10.7 | 8.9 | 8.2 | 8.9 | 8.9 | 8.9 |
| 57.5° | 12.7 | 11.5 | 9.7 | 8.4 | 9.0 | 8.9 | 8.9 |
| 55° | 14.9 | 12.5 | 10.6 | 8.6 | 9.1 | 8.9 | 8.9 |
| 52.5° | 17.1 | 13.6 | 11.6 | 8.7 | 9.3 | 8.9 | 8.9 |
| 50° | 19.3 | 15.4 | 12.6 | 8.8 | 9.5 | 8.9 | 8.9 |
| 47.5° | 21.5 | 17.2 | 13.6 | 9.1 | 9.7 | 8.9 | 8.9 |
| 45° | 23.5 | 19.0 | 14.7 | 9.9 | 10.0 | 8.9 | 8.9 |
| 42.5° | 25.6 | 20.7 | 15.8 | 10.7 | 10.3 | 8.9 | 8.9 |
| 40° | 27.6 | 22.3 | 17.0 | 11.8 | 10.6 | 8.9 | 8.9 |
| 37.5° | 29.5 | 23.9 | 18.3 | 13.0 | 10.9 | 8.9 | 8.9 |
| 35° | 31.3 | 25.5 | 19.5 | 14.2 | 11.3 | 8.9 | 8.9 |
| 32.5° | 33.4 | 26.9 | 20.7 | 15.3 | 11.7 | 8.9 | 8.9 |
| 30° | 36.1 | 28.4 | 21.9 | 16.4 | 12.1 | 8.9 | 8.9 |
| 27.5° | 38.7 | 29.8 | 23.3 | 17.5 | 12.6 | 8.9 | 8.9 |
| 25° | 41.3 | 31.1 | 24.6 | 18.5 | 13.1 | 8.9 | 8.9 |
| 22.5° | 43.9 | 32.4 | 26.0 | 19.5 | 13.5 | 8.9 | 8.9 |
| 20° | 46.5 | 34.1 | 27.3 | 20.5 | 14.0 | 8.9 | 8.9 |
| 17.5° | 49.0 | 35.6 | 28.5 | 21.4 | 14.5 | 8.9 | 8.9 |
| 15° | 51.5 | 37.1 | 29.7 | 22.3 | 15.0 | 8.9 | 8.9 |
| 12.5° | 53.8 | 38.5 | 30.9 | 23.2 | 15.5 | 8.9 | 8.9 |
| 10° | 55.9 | 39.9 | 31.9 | 24.0 | 16.0 | 8.9 | 8.9 |
| 7.5° | 57.8 | 41.2 | 32.9 | 24.7 | 16.5 | 8.9 | 8.9 |
| 5° | 59.5 | 42.4 | 33.9 | 25.4 | 17.0 | 8.9 | 8.9 |
| 2.5° | 61.0 | 43.5 | 34.8 | 26.1 | 17.4 | 8.9 | 8.9 |
| 0° | 62.3 | 44.5 | 35.6 | 26.7 | 17.8 | 8.9 | 8.9 |
| -2.5° | 65.8 | 45.4 | 36.3 | 26.7 | 17.8 | 8.9 | 8.9 |
| -5° | 68.9 | 46.3 | 37.0 | 26.6 | 17.7 | 8.9 | 8.9 |
| -7.5° | 71.7 | 47.1 | 37.6 | 26.5 | 17.6 | 8.9 | 8.9 |
| -10° | 74.0 | 47.7 | 38.0 | 26.3 | 17.5 | 8.9 | 8.9 |
| -12.5° | 75.7 | 48.3 | 38.3 | 26.1 | 17.4 | 8.9 | 8.9 |
| -15° | 76.8 | 48.8 | 38.4 | 25.8 | 17.2 | 8.9 | 8.9 |
| -17.5° | 77.2 | 49.2 | 38.3 | 25.5 | 17.0 | 8.9 | 8.9 |
| -20° | 79.2 | 49.5 | 38.1 | 25.1 | 16.7 | 8.9 | 8.9 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 84.3 | 49.7 | 37.6 | 24.7 | 16.4 | 8.9 | 8.9 |
| -25° | 88.5 | 53.0 | 37.0 | 24.2 | 16.1 | 8.9 | 8.9 |
| -27.5° | 91.7 | 57.1 | 36.1 | 23.7 | 15.8 | 8.9 | 8.9 |
| -30° | 93.9 | 60.7 | 35.2 | 23.1 | 15.4 | 8.9 | 8.9 |
| -32.5° | 95.1 | 63.6 | 36.5 | 22.5 | 15.0 | 8.9 | 8.9 |
| -35° | 97.7 | 65.9 | 37.4 | 21.9 | 14.6 | 8.9 | 8.9 |
| -37.5° | 100.3 | 67.4 | 38.0 | 21.2 | 14.1 | 8.9 | 8.9 |
| -40° | 101.9 | 67.9 | 38.3 | 20.4 | 13.6 | 8.9 | 8.9 |
| -42.5° | 102.4 | 67.9 | 38.6 | 20.0 | 13.1 | 8.9 | 8.9 |
| -45° | 101.9 | 67.4 | 38.8 | 20.1 | 12.6 | 8.9 | 8.9 |
| -47.5° | 100.3 | 66.4 | 38.5 | 20.0 | 12.0 | 8.9 | 8.9 |
| -50° | 98.2 | 64.9 | 37.8 | 19.7 | 11.4 | 8.9 | 8.9 |
| -52.5° | 95.5 | 62.9 | 36.7 | 19.3 | 10.8 | 8.9 | 8.9 |
| -55° | 92.1 | 60.3 | 35.1 | 18.8 | 10.2 | 8.9 | 8.9 |
| -57.5° | 88.0 | 57.0 | 33.1 | 18.1 | 9.6 | 8.9 | 8.9 |
| -60° | 83.1 | 53.1 | 30.8 | 17.3 | 8.9 | 8.9 | 8.9 |
| -62.5° | 76.4 | 48.6 | 29.1 | 16.4 | 8.9 | 8.9 | 8.9 |
| -65° | 68.9 | 43.6 | 27.2 | 15.3 | 8.9 | 8.9 | 8.9 |
| -67.5° | 60.6 | 39.2 | 25.1 | 14.1 | 8.9 | 8.9 | 8.9 |
| -70° | 51.6 | 35.6 | 22.8 | 12.8 | 8.9 | 8.9 | 8.9 |
| -72.5° | 45.6 | 31.7 | 20.3 | 12.5 | 8.9 | 8.9 | 8.9 |
| -75° | 39.7 | 27.6 | 17.7 | 12.4 | 8.9 | 8.9 | 8.9 |
| -77.5° | 33.5 | 23.3 | 16.8 | 12.3 | 8.9 | 8.9 | 8.9 |
| -80° | 27.1 | 21.0 | 16.2 | 12.1 | 8.9 | 8.9 | 8.9 |
| -82.5° | 24.5 | 19.7 | 15.5 | 11.9 | 8.9 | 8.9 | 8.9 |
| -85° | 22.3 | 18.4 | 14.8 | 11.7 | 8.9 | 8.9 | 8.9 |
| -87.5° | 20.1 | 17.0 | 14.1 | 11.4 | 8.9 | 8.9 | 8.9 |
| -90° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |

(END OF REPORT)