

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-727-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16137.4 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 18291.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 7769.4 lumens
Beam Efficiency: 48.1%

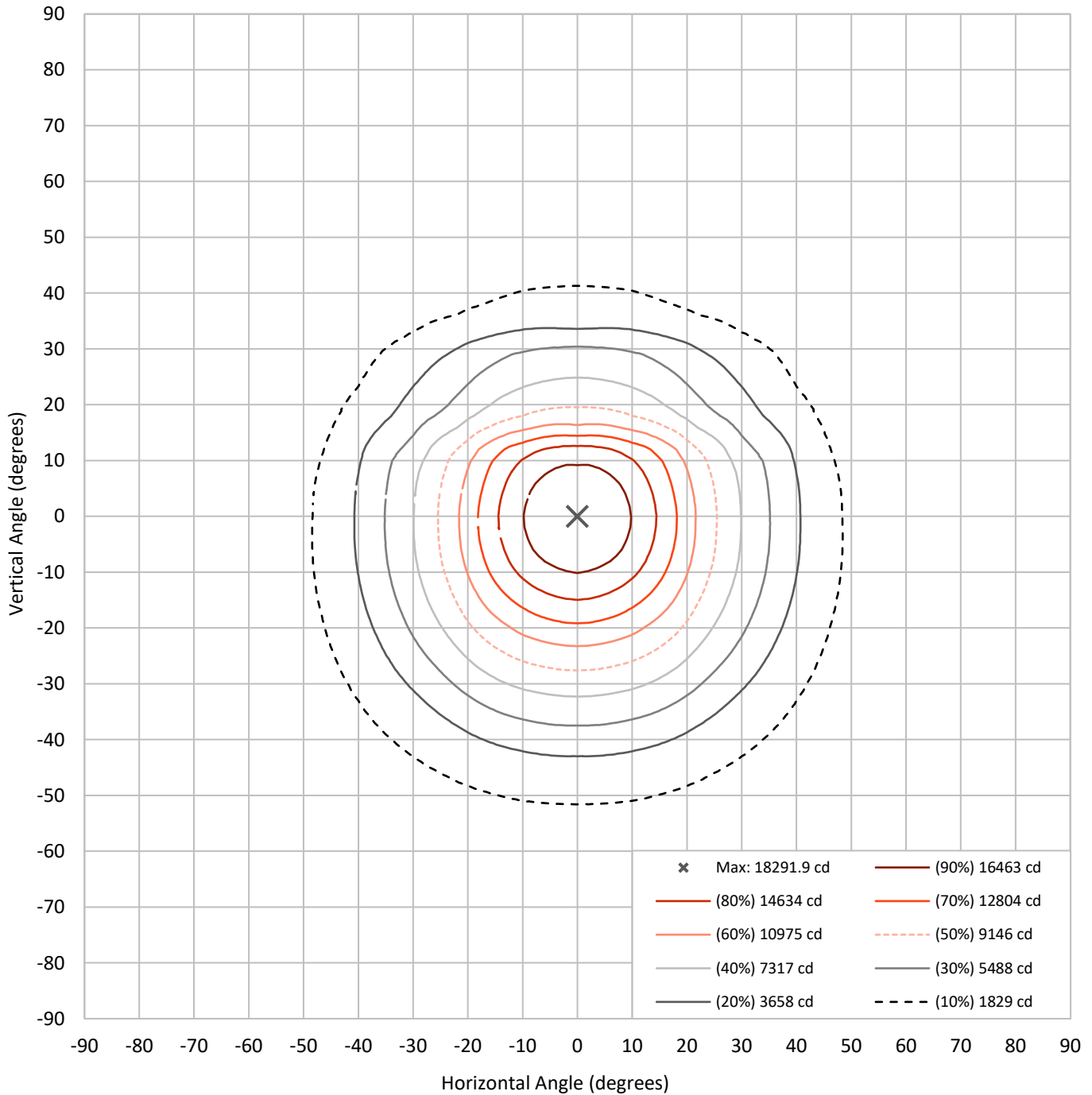
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 14448.5 lumens
Field Efficiency: 89.5%

Input Watts (W): 160.2
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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

Iso-Candela Plot





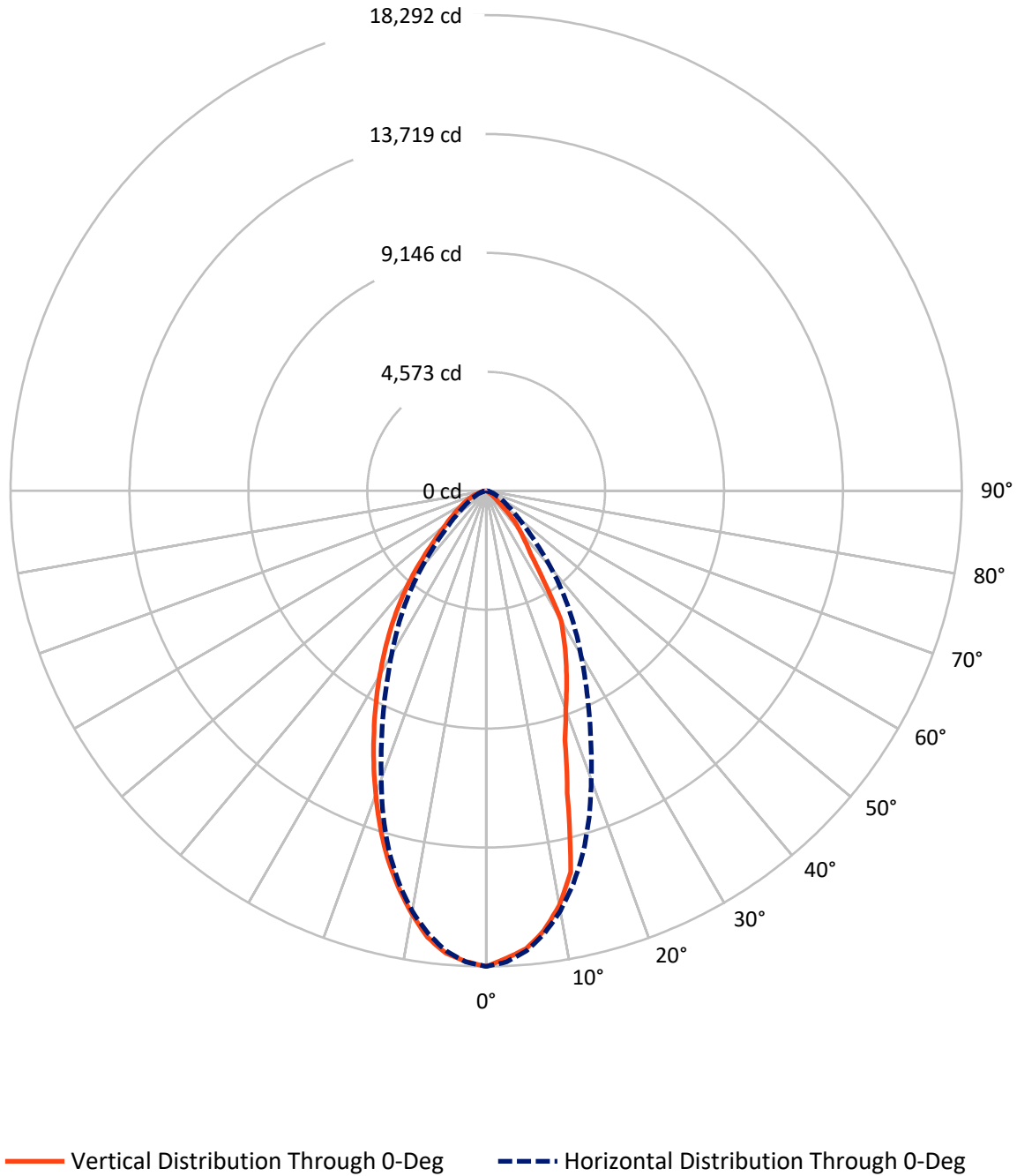
REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | | | | |
| 50 | | 0.3 | 0.8 | 1.5 | 2.5 | 3.7 | 5.1 | 5.7 | 5.7 | 5.1 | 3.7 | 2.5 | 1.5 | 0.8 | | 0.3 | | | |
| 40 | 0.7 | 1.2 | 3.1 | 6.6 | 12.0 | 19.7 | 28.4 | 34.9 | 34.9 | 28.4 | 19.7 | 12.0 | 6.6 | 3.1 | 1.2 | 0.7 | | | |
| 30 | | 2.5 | 6.3 | 14.6 | 30.1 | 55.4 | 84.6 | 101.8 | 101.8 | 84.6 | 55.4 | 30.1 | 14.6 | 6.3 | 2.5 | | | | |
| 20 | 1.8 | 3.9 | 10.2 | 26.5 | 62.7 | 117.7 | 179.1 | 215.9 | 215.9 | 179.1 | 117.7 | 62.7 | 26.5 | 10.2 | 3.9 | 1.8 | | | |
| 10 | | 5.2 | 14.6 | 41.5 | 103.1 | 190.7 | 298.0 | 368.4 | 368.4 | 298.0 | 190.7 | 103.1 | 41.5 | 14.6 | 5.2 | | | | |
| 0 | 2.5 | 6.1 | 18.3 | 53.7 | 135.4 | 252.4 | 405.3 | 513.8 | 513.8 | 405.3 | 252.4 | 135.4 | 53.7 | 18.3 | 6.1 | 2.5 | | | |
| -10 | | 6.4 | 19.0 | 55.5 | 137.4 | 256.1 | 409.4 | 517.0 | 517.0 | 409.4 | 256.1 | 137.4 | 55.5 | 19.0 | 6.4 | | | | |
| -20 | 2.7 | 6.3 | 18.1 | 49.4 | 121.7 | 224.8 | 346.5 | 427.6 | 427.6 | 346.5 | 224.8 | 121.7 | 49.4 | 18.1 | 6.3 | 2.7 | | | |
| -30 | | 5.8 | 15.6 | 38.7 | 90.8 | 169.5 | 252.6 | 302.9 | 302.9 | 252.6 | 169.5 | 90.8 | 38.7 | 15.6 | 5.8 | | | | |
| -40 | 2.3 | 5.1 | 12.7 | 27.9 | 57.2 | 105.1 | 158.7 | 188.9 | 188.9 | 158.7 | 105.1 | 57.2 | 27.9 | 12.7 | 5.1 | 2.3 | | | |
| -50 | | 4.2 | 9.8 | 19.3 | 34.3 | 55.0 | 79.0 | 94.0 | 94.0 | 79.0 | 55.0 | 34.3 | 19.3 | 9.8 | 4.2 | | | | |
| -60 | 1.4 | 3.3 | 7.1 | 12.9 | 21.0 | 30.2 | 39.0 | 44.2 | 44.2 | 39.0 | 30.2 | 21.0 | 12.9 | 7.1 | 3.3 | 1.4 | | | |
| -70 | | 2.3 | 4.8 | 7.9 | 12.2 | 16.6 | 20.3 | 22.1 | 22.1 | 20.3 | 16.6 | 12.2 | 7.9 | 4.8 | 2.3 | | | | |
| -80 | 0.4 | 4.6 | 11.8 | 21.2 | 19.3 | 21.2 | 11.8 | 4.6 | 0.4 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

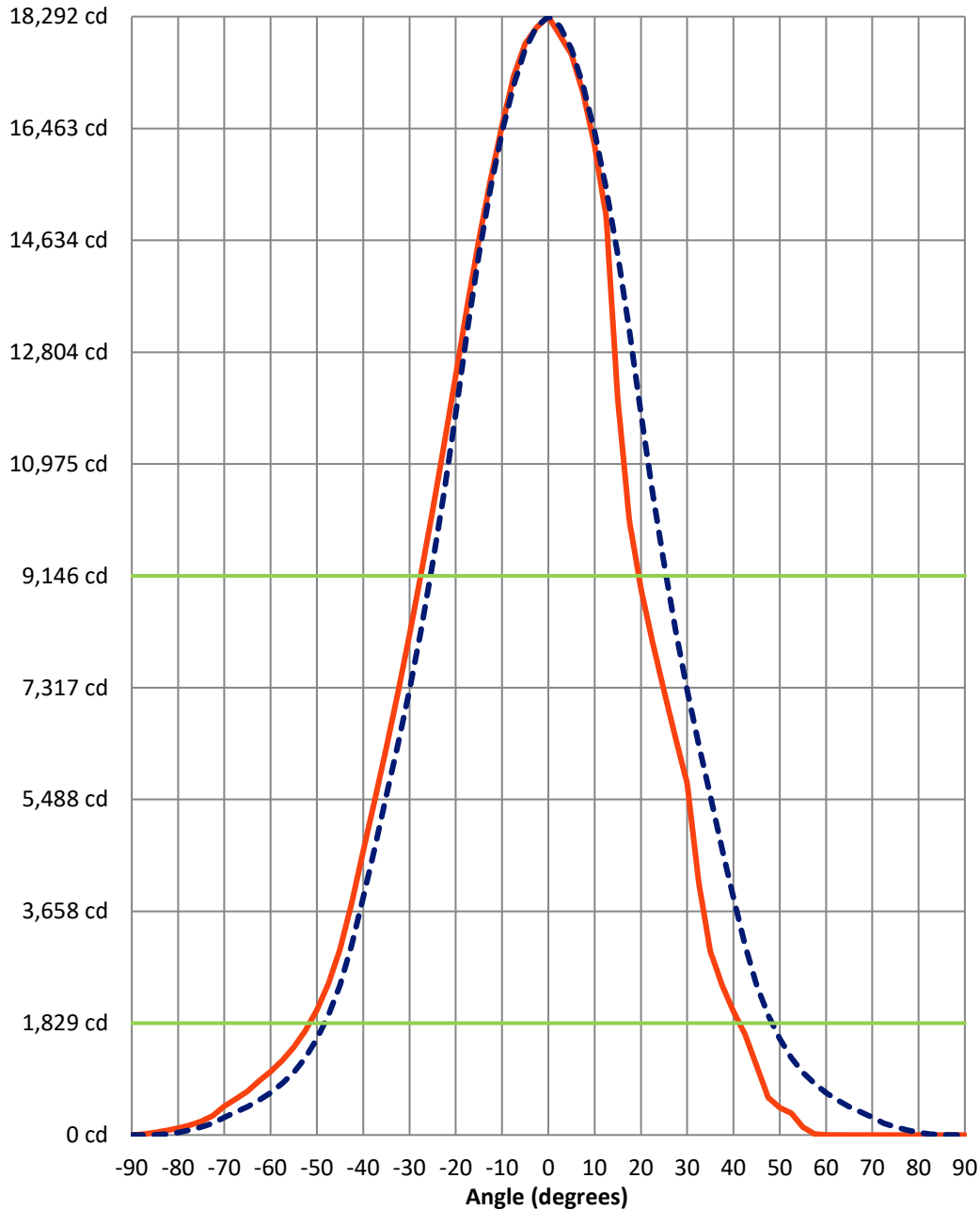
Luminous Intensity Polar Plot





REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7769.4
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 14448.5
 Efficiency: 89.5%

Spill:
 Lumens: 1688.9
 Efficiency: 10.5%

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



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 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-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 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 |
| 85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| 82.5° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.8 | 1.0 | 1.2 | 1.3 | 1.3 | 1.3 |
| 80° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 77.5° | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 75° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 72.5° | 0.0 | 0.4 | 0.8 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 70° | 0.0 | 0.4 | 0.9 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 |
| 67.5° | 0.0 | 0.5 | 1.0 | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.7 | 1.6 |
| 65° | 0.0 | 0.5 | 1.1 | 1.3 | 1.3 | 1.4 | 1.6 | 1.3 | 1.9 | 2.1 | 2.5 |
| 62.5° | 0.0 | 0.6 | 1.2 | 1.3 | 1.3 | 1.7 | 1.8 | 1.8 | 2.5 | 3.5 | 5.4 |
| 60° | 0.0 | 0.6 | 1.3 | 1.3 | 1.3 | 2.1 | 2.0 | 2.5 | 3.1 | 8.6 | 9.4 |
| 57.5° | 0.0 | 0.7 | 1.3 | 1.3 | 1.7 | 2.5 | 3.5 | 3.4 | 8.5 | 14.6 | 16.0 |
| 55° | 0.0 | 0.7 | 1.3 | 1.3 | 2.1 | 2.9 | 5.4 | 5.0 | 15.6 | 22.0 | 24.8 |
| 52.5° | 0.0 | 0.8 | 1.4 | 1.3 | 2.5 | 3.6 | 7.5 | 12.3 | 23.3 | 32.6 | 35.2 |
| 50° | 0.0 | 0.8 | 1.4 | 1.3 | 2.9 | 5.9 | 10.0 | 20.3 | 32.6 | 44.4 | 53.7 |
| 47.5° | 0.0 | 0.9 | 1.4 | 1.4 | 3.4 | 8.3 | 13.3 | 28.5 | 44.8 | 57.4 | 72.9 |
| 45° | 0.0 | 0.9 | 1.5 | 1.7 | 3.8 | 10.8 | 20.3 | 36.6 | 57.0 | 74.4 | 91.8 |
| 42.5° | 0.0 | 1.0 | 1.5 | 2.1 | 4.3 | 13.6 | 27.4 | 46.3 | 69.2 | 91.1 | 112.8 |
| 40° | 0.0 | 1.0 | 1.5 | 2.6 | 5.7 | 16.4 | 34.4 | 56.8 | 81.8 | 107.5 | 134.7 |
| 37.5° | 0.0 | 1.0 | 1.6 | 3.1 | 7.9 | 19.4 | 41.4 | 67.3 | 95.6 | 124.3 | 157.1 |
| 35° | 0.0 | 1.1 | 1.7 | 3.7 | 10.2 | 24.1 | 48.3 | 77.6 | 109.3 | 144.3 | 181.5 |
| 32.5° | 0.0 | 1.1 | 1.7 | 4.4 | 12.5 | 29.6 | 55.6 | 87.7 | 123.1 | 164.9 | 208.9 |
| 30° | 0.0 | 1.1 | 1.8 | 5.1 | 14.8 | 34.9 | 63.7 | 97.9 | 136.9 | 186.0 | 236.5 |
| 27.5° | 0.0 | 1.2 | 1.8 | 5.9 | 17.4 | 40.0 | 71.7 | 109.2 | 152.0 | 207.4 | 264.2 |
| 25° | 0.0 | 1.2 | 1.9 | 6.6 | 20.0 | 45.0 | 79.3 | 120.2 | 169.4 | 230.1 | 291.9 |
| 22.5° | 0.0 | 1.2 | 2.0 | 7.4 | 22.6 | 49.9 | 86.6 | 130.8 | 186.7 | 253.2 | 320.1 |
| 20° | 0.0 | 1.2 | 2.1 | 8.3 | 25.1 | 54.6 | 93.6 | 141.2 | 203.7 | 275.7 | 346.9 |
| 17.5° | 0.0 | 1.2 | 2.1 | 9.1 | 27.5 | 59.0 | 100.1 | 151.1 | 220.2 | 297.6 | 372.3 |
| 15° | 0.0 | 1.3 | 2.2 | 9.9 | 29.8 | 63.1 | 106.0 | 159.9 | 236.1 | 318.7 | 396.2 |
| 12.5° | 0.0 | 1.3 | 2.3 | 10.7 | 31.9 | 67.0 | 111.4 | 167.3 | 249.4 | 338.8 | 418.7 |
| 10° | 0.0 | 1.3 | 2.3 | 11.5 | 34.0 | 70.5 | 116.4 | 173.9 | 260.0 | 350.8 | 436.3 |
| 7.5° | 0.0 | 1.3 | 2.4 | 12.3 | 35.8 | 73.6 | 120.8 | 179.7 | 269.3 | 359.8 | 445.5 |
| 5° | 0.0 | 1.3 | 2.5 | 13.1 | 37.6 | 76.5 | 124.7 | 184.7 | 277.2 | 367.0 | 452.9 |
| 2.5° | 0.0 | 1.3 | 2.5 | 13.8 | 39.1 | 78.9 | 128.0 | 188.8 | 283.7 | 372.5 | 458.6 |
| 0° | 0.0 | 1.3 | 2.6 | 14.4 | 40.5 | 81.0 | 130.7 | 192.1 | 288.8 | 376.3 | 462.5 |
| -2.5° | 0.0 | 1.4 | 3.0 | 15.3 | 42.4 | 83.6 | 134.3 | 197.6 | 294.4 | 381.7 | 468.6 |
| -5° | 0.0 | 1.5 | 3.4 | 16.1 | 44.0 | 85.7 | 137.2 | 202.3 | 298.6 | 385.6 | 473.0 |
| -7.5° | 0.0 | 1.5 | 3.8 | 16.9 | 45.4 | 87.4 | 139.5 | 205.9 | 301.2 | 388.0 | 475.6 |
| -10° | 0.0 | 1.6 | 4.1 | 17.5 | 46.5 | 88.7 | 141.2 | 208.5 | 302.3 | 389.0 | 476.4 |
| -12.5° | 0.0 | 1.7 | 4.5 | 18.1 | 47.4 | 89.6 | 142.1 | 210.0 | 301.9 | 388.4 | 474.2 |
| -15° | 0.0 | 1.7 | 4.8 | 18.6 | 47.9 | 90.0 | 142.4 | 210.3 | 299.7 | 385.0 | 469.6 |
| -17.5° | 0.0 | 1.8 | 5.1 | 18.9 | 48.2 | 89.9 | 142.0 | 209.8 | 295.8 | 380.4 | 463.2 |
| -20° | 0.0 | 1.8 | 5.4 | 19.1 | 48.1 | 89.4 | 141.6 | 208.9 | 291.0 | 374.7 | 455.1 |

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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 1.9 | 5.6 | 19.3 | 47.7 | 88.4 | 141.7 | 207.0 | 285.3 | 367.9 | 445.2 |
| -25° | 0.0 | 1.9 | 5.8 | 19.3 | 47.0 | 88.1 | 141.0 | 204.2 | 278.7 | 360.0 | 433.6 |
| -27.5° | 0.0 | 2.0 | 6.0 | 19.1 | 45.9 | 87.7 | 139.7 | 200.6 | 271.5 | 351.0 | 422.9 |
| -30° | 0.0 | 2.0 | 6.1 | 18.9 | 44.6 | 86.8 | 137.6 | 196.1 | 265.1 | 340.8 | 411.4 |
| -32.5° | 0.0 | 2.0 | 6.2 | 18.5 | 44.0 | 85.3 | 134.9 | 192.4 | 258.8 | 330.2 | 399.0 |
| -35° | 0.0 | 2.0 | 6.3 | 17.9 | 43.1 | 83.3 | 132.2 | 188.4 | 251.6 | 319.2 | 385.9 |
| -37.5° | 0.0 | 2.0 | 6.3 | 17.3 | 41.8 | 81.1 | 129.2 | 183.6 | 243.6 | 307.9 | 370.5 |
| -40° | 0.0 | 2.0 | 6.3 | 16.4 | 40.1 | 79.1 | 125.5 | 177.9 | 234.7 | 297.3 | 354.1 |
| -42.5° | 0.0 | 1.9 | 6.3 | 15.7 | 38.9 | 76.6 | 121.1 | 171.4 | 226.6 | 283.6 | 336.6 |
| -45° | 0.0 | 1.9 | 6.1 | 15.1 | 38.2 | 73.6 | 115.9 | 164.7 | 218.2 | 269.0 | 318.4 |
| -47.5° | 0.0 | 1.8 | 6.0 | 14.3 | 37.0 | 70.1 | 110.1 | 157.7 | 208.9 | 253.8 | 301.5 |
| -50° | 0.0 | 1.8 | 5.8 | 14.0 | 35.5 | 66.2 | 104.9 | 150.0 | 196.6 | 240.0 | 284.1 |
| -52.5° | 0.0 | 1.7 | 5.6 | 13.8 | 33.6 | 61.7 | 99.4 | 141.3 | 184.4 | 225.6 | 266.5 |
| -55° | 0.0 | 1.7 | 5.3 | 13.5 | 31.2 | 58.1 | 93.3 | 132.1 | 171.8 | 210.6 | 249.9 |
| -57.5° | 0.0 | 1.6 | 5.0 | 12.9 | 28.5 | 54.1 | 86.6 | 124.0 | 158.6 | 195.4 | 232.7 |
| -60° | 0.0 | 1.5 | 4.7 | 12.2 | 25.6 | 49.7 | 79.4 | 114.1 | 144.9 | 179.7 | 214.9 |
| -62.5° | 0.0 | 1.4 | 4.4 | 11.3 | 23.8 | 44.7 | 72.4 | 103.1 | 131.5 | 163.3 | 196.6 |
| -65° | 0.0 | 1.3 | 4.1 | 10.3 | 21.8 | 39.2 | 64.8 | 91.6 | 117.2 | 146.1 | 177.6 |
| -67.5° | 0.0 | 1.2 | 3.7 | 9.2 | 19.5 | 34.3 | 56.5 | 80.1 | 102.1 | 127.9 | 156.5 |
| -70° | 0.0 | 1.1 | 3.4 | 7.9 | 16.9 | 30.1 | 47.6 | 68.1 | 87.8 | 108.8 | 133.8 |
| -72.5° | 0.0 | 0.9 | 3.0 | 7.0 | 14.2 | 25.5 | 40.5 | 55.7 | 73.1 | 91.5 | 111.0 |
| -75° | 0.0 | 0.8 | 2.6 | 6.1 | 11.3 | 20.7 | 33.2 | 45.4 | 57.9 | 73.8 | 90.5 |
| -77.5° | 0.0 | 0.7 | 2.2 | 5.1 | 9.3 | 15.6 | 25.6 | 35.7 | 46.0 | 56.9 | 69.6 |
| -80° | 0.0 | 0.6 | 1.8 | 4.2 | 7.6 | 11.9 | 17.7 | 25.8 | 34.2 | 43.1 | 52.4 |
| -82.5° | 0.0 | 0.4 | 1.3 | 3.2 | 5.7 | 9.0 | 13.1 | 17.2 | 22.2 | 29.1 | 36.3 |
| -85° | 0.0 | 0.3 | 0.9 | 2.1 | 3.8 | 6.1 | 8.8 | 11.5 | 14.7 | 18.2 | 22.0 |
| -87.5° | 0.0 | 0.1 | 0.5 | 1.1 | 1.9 | 3.0 | 4.4 | 5.8 | 7.4 | 9.1 | 11.0 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 |
| 85° | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 82.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 80° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 77.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 75° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 72.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 70° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.1 |
| 67.5° | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.0 | 0.7 |
| 65° | 1.3 | 1.3 | 1.8 | 1.9 | 1.4 | 1.3 | 1.3 | 1.3 | 1.4 | 1.2 | 1.2 |
| 62.5° | 1.9 | 2.3 | 2.9 | 4.5 | 3.4 | 1.3 | 2.5 | 3.0 | 2.0 | 1.6 | 1.8 |
| 60° | 5.7 | 3.9 | 10.0 | 13.9 | 9.1 | 4.8 | 5.9 | 11.8 | 9.8 | 2.6 | 6.9 |
| 57.5° | 11.5 | 14.2 | 25.3 | 26.5 | 20.4 | 13.8 | 30.2 | 33.5 | 27.8 | 17.5 | 25.1 |
| 55° | 24.0 | 33.7 | 42.7 | 42.2 | 42.4 | 53.4 | 62.8 | 61.6 | 54.3 | 74.9 | 94.3 |
| 52.5° | 45.5 | 55.6 | 61.5 | 67.0 | 82.3 | 92.5 | 95.4 | 101.1 | 122.4 | 147.9 | 152.5 |
| 50° | 66.8 | 77.2 | 85.0 | 104.9 | 120.5 | 128.5 | 136.0 | 155.5 | 187.7 | 205.1 | 207.9 |
| 47.5° | 88.3 | 99.9 | 120.5 | 142.2 | 157.3 | 169.4 | 182.3 | 226.7 | 262.6 | 277.5 | 282.8 |
| 45° | 110.8 | 130.9 | 156.6 | 178.9 | 196.4 | 212.8 | 254.8 | 315.3 | 340.6 | 363.4 | 421.5 |
| 42.5° | 134.1 | 164.4 | 193.3 | 216.7 | 236.4 | 270.7 | 329.2 | 387.8 | 424.0 | 472.6 | 542.7 |
| 40° | 163.9 | 197.8 | 231.3 | 255.1 | 279.7 | 331.7 | 404.1 | 466.1 | 504.5 | 569.6 | 649.5 |
| 37.5° | 194.1 | 233.8 | 269.9 | 295.0 | 329.7 | 400.0 | 485.0 | 559.3 | 606.8 | 659.8 | 788.3 |
| 35° | 223.9 | 270.5 | 307.6 | 341.2 | 384.0 | 480.9 | 585.7 | 668.4 | 727.1 | 818.0 | 980.6 |
| 32.5° | 255.8 | 307.9 | 345.7 | 391.6 | 461.9 | 570.2 | 699.0 | 790.8 | 888.1 | 1018.9 | 1279.3 |
| 30° | 289.7 | 342.8 | 386.4 | 441.5 | 535.7 | 662.1 | 811.6 | 926.9 | 1059.2 | 1271.4 | 1552.1 |
| 27.5° | 323.5 | 377.7 | 431.4 | 501.4 | 604.9 | 741.4 | 897.5 | 1079.5 | 1250.3 | 1487.6 | 1794.5 |
| 25° | 356.0 | 413.2 | 475.4 | 560.1 | 672.0 | 814.9 | 985.3 | 1195.2 | 1418.1 | 1689.6 | 2049.9 |
| 22.5° | 387.1 | 449.3 | 522.1 | 613.0 | 728.6 | 884.7 | 1087.9 | 1334.4 | 1602.3 | 1883.5 | 2297.6 |
| 20° | 417.5 | 489.5 | 573.1 | 674.9 | 780.7 | 949.0 | 1188.3 | 1486.7 | 1822.4 | 2207.7 | 2613.5 |
| 17.5° | 447.5 | 529.3 | 625.8 | 738.9 | 867.1 | 1039.4 | 1291.1 | 1646.4 | 2055.0 | 2556.4 | 3056.1 |
| 15° | 477.0 | 568.3 | 676.7 | 802.2 | 954.3 | 1160.3 | 1446.1 | 1836.6 | 2330.3 | 2930.7 | 3522.6 |
| 12.5° | 505.5 | 606.1 | 725.6 | 864.0 | 1038.9 | 1274.0 | 1592.2 | 2013.5 | 2579.2 | 3296.5 | 4023.6 |
| 10° | 532.8 | 642.4 | 772.0 | 923.6 | 1119.9 | 1379.8 | 1721.3 | 2166.5 | 2766.9 | 3506.2 | 4314.9 |
| 7.5° | 546.8 | 666.9 | 811.6 | 980.3 | 1196.3 | 1477.0 | 1833.7 | 2295.8 | 2913.6 | 3674.9 | 4485.6 |
| 5° | 556.7 | 678.2 | 826.5 | 1002.9 | 1238.3 | 1543.1 | 1919.7 | 2401.5 | 3021.8 | 3801.7 | 4601.3 |
| 2.5° | 564.4 | 686.3 | 837.3 | 1015.7 | 1254.9 | 1565.1 | 1948.1 | 2438.4 | 3079.8 | 3867.9 | 4668.7 |
| 0° | 569.7 | 691.2 | 844.0 | 1023.0 | 1263.4 | 1575.7 | 1961.2 | 2453.7 | 3104.4 | 3883.1 | 4693.2 |
| -2.5° | 575.3 | 697.9 | 851.0 | 1034.4 | 1275.4 | 1590.2 | 1975.6 | 2464.5 | 3122.8 | 3887.3 | 4706.5 |
| -5° | 578.5 | 701.5 | 853.8 | 1039.9 | 1279.3 | 1593.0 | 1974.6 | 2454.2 | 3108.1 | 3856.8 | 4677.7 |
| -7.5° | 579.4 | 701.9 | 852.3 | 1038.8 | 1274.4 | 1580.6 | 1953.7 | 2423.6 | 3057.5 | 3795.1 | 4607.0 |
| -10° | 578.0 | 698.9 | 846.7 | 1029.4 | 1260.0 | 1555.0 | 1916.4 | 2370.5 | 2974.2 | 3693.1 | 4487.6 |
| -12.5° | 573.7 | 692.3 | 836.6 | 1014.0 | 1236.9 | 1518.5 | 1863.8 | 2294.9 | 2858.5 | 3551.5 | 4319.4 |
| -15° | 566.9 | 682.6 | 822.1 | 992.7 | 1205.0 | 1471.5 | 1796.2 | 2196.7 | 2709.6 | 3371.3 | 4109.9 |
| -17.5° | 557.6 | 669.7 | 803.0 | 965.6 | 1164.3 | 1414.4 | 1714.5 | 2081.7 | 2549.0 | 3170.3 | 3877.0 |
| -20° | 545.7 | 653.6 | 779.4 | 932.6 | 1117.4 | 1354.3 | 1638.7 | 1979.9 | 2398.7 | 2940.1 | 3602.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 531.2 | 634.4 | 754.5 | 901.0 | 1075.7 | 1292.0 | 1553.9 | 1864.4 | 2230.2 | 2674.0 | 3302.1 |
| -25° | 516.4 | 616.0 | 730.3 | 865.9 | 1028.2 | 1221.3 | 1456.9 | 1739.8 | 2071.0 | 2477.3 | 2996.6 |
| -27.5° | 501.7 | 594.9 | 702.2 | 825.3 | 974.9 | 1148.4 | 1365.8 | 1623.6 | 1918.8 | 2264.3 | 2687.2 |
| -30° | 485.2 | 571.3 | 671.3 | 782.8 | 923.8 | 1084.9 | 1272.8 | 1493.7 | 1756.1 | 2068.3 | 2436.0 |
| -32.5° | 467.1 | 546.0 | 641.4 | 746.0 | 869.0 | 1015.7 | 1178.2 | 1378.1 | 1606.4 | 1863.9 | 2181.7 |
| -35° | 449.2 | 524.4 | 610.7 | 706.4 | 810.2 | 947.6 | 1096.9 | 1262.7 | 1457.0 | 1685.0 | 1939.1 |
| -37.5° | 431.9 | 500.9 | 577.8 | 667.1 | 764.5 | 878.5 | 1010.4 | 1160.1 | 1327.3 | 1508.8 | 1728.3 |
| -40° | 412.6 | 475.4 | 548.2 | 629.0 | 715.2 | 814.0 | 933.0 | 1060.1 | 1204.0 | 1363.6 | 1533.2 |
| -42.5° | 391.7 | 452.1 | 518.5 | 588.1 | 667.2 | 755.5 | 854.1 | 970.3 | 1089.9 | 1223.7 | 1371.7 |
| -45° | 371.2 | 426.6 | 487.4 | 551.0 | 617.5 | 695.5 | 785.1 | 881.7 | 987.8 | 1097.0 | 1221.3 |
| -47.5° | 349.6 | 400.2 | 456.8 | 512.2 | 571.1 | 637.7 | 713.7 | 801.4 | 889.8 | 987.0 | 1083.4 |
| -50° | 327.9 | 375.5 | 423.0 | 474.7 | 527.5 | 582.9 | 647.2 | 722.8 | 803.3 | 883.9 | 968.8 |
| -52.5° | 308.6 | 349.6 | 392.7 | 437.0 | 485.1 | 534.4 | 587.9 | 650.3 | 720.7 | 791.7 | 864.8 |
| -55° | 288.8 | 326.7 | 362.2 | 401.9 | 443.5 | 487.9 | 535.6 | 588.1 | 641.2 | 705.9 | 768.9 |
| -57.5° | 269.5 | 303.1 | 333.9 | 367.8 | 404.8 | 442.5 | 485.5 | 530.1 | 578.4 | 627.3 | 678.8 |
| -60° | 250.1 | 278.7 | 306.7 | 335.9 | 367.0 | 400.5 | 435.1 | 474.3 | 515.7 | 558.2 | 602.8 |
| -62.5° | 230.1 | 253.2 | 277.9 | 304.7 | 332.0 | 357.8 | 386.9 | 418.9 | 453.0 | 489.5 | 527.3 |
| -65° | 207.6 | 226.8 | 247.4 | 270.8 | 296.4 | 317.2 | 339.5 | 363.6 | 391.8 | 421.8 | 451.5 |
| -67.5° | 183.7 | 200.7 | 217.5 | 234.8 | 255.6 | 274.2 | 292.5 | 311.7 | 332.8 | 357.3 | 381.2 |
| -70° | 157.0 | 174.0 | 188.8 | 203.2 | 216.4 | 229.7 | 245.2 | 260.3 | 277.3 | 299.3 | 321.0 |
| -72.5° | 129.9 | 145.8 | 159.9 | 172.1 | 181.4 | 189.3 | 198.8 | 209.8 | 226.1 | 246.5 | 265.6 |
| -75° | 105.1 | 117.9 | 131.0 | 142.7 | 148.8 | 151.2 | 153.1 | 158.9 | 175.4 | 196.3 | 214.9 |
| -77.5° | 81.8 | 93.0 | 103.7 | 113.9 | 118.1 | 119.8 | 120.6 | 120.6 | 132.7 | 150.6 | 169.4 |
| -80° | 60.2 | 68.0 | 77.1 | 85.9 | 88.4 | 89.2 | 89.3 | 88.8 | 98.7 | 111.6 | 125.3 |
| -82.5° | 41.8 | 47.5 | 53.3 | 59.2 | 60.0 | 59.6 | 58.7 | 57.9 | 65.9 | 75.2 | 84.7 |
| -85° | 24.4 | 26.7 | 30.2 | 33.9 | 34.3 | 34.2 | 33.5 | 32.5 | 37.0 | 42.0 | 47.3 |
| -87.5° | 12.2 | 13.4 | 14.5 | 15.7 | 15.3 | 14.7 | 13.9 | 13.0 | 14.2 | 15.5 | 16.8 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.1 | 0.8 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.3 | 1.0 | 0.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 1.3 | 1.0 | 0.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.3 | 1.0 | 0.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.3 | 1.1 | 0.7 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 1.3 | 1.1 | 0.8 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 1.3 | 1.1 | 0.8 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.6 | 0.7 | 0.7 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 1.3 | 1.3 | 1.0 | 0.6 | 0.3 | 0.2 | 0.3 | 0.3 | 0.1 | 0.0 | 0.0 |
| 62.5° | 1.7 | 1.6 | 1.2 | 1.1 | 1.2 | 1.3 | 1.1 | 0.9 | 0.9 | 0.9 | 1.1 |
| 60° | 7.4 | 4.2 | 4.3 | 5.5 | 4.7 | 2.1 | 4.3 | 5.4 | 5.0 | 3.8 | 3.3 |
| 57.5° | 37.5 | 31.4 | 22.0 | 36.8 | 37.9 | 26.4 | 28.6 | 37.3 | 36.2 | 28.0 | 27.9 |
| 55° | 94.5 | 95.9 | 103.0 | 112.2 | 119.1 | 122.3 | 125.1 | 139.1 | 154.1 | 168.8 | 176.2 |
| 52.5° | 156.1 | 174.3 | 197.0 | 212.1 | 222.6 | 244.1 | 274.2 | 288.0 | 301.5 | 316.7 | 327.8 |
| 50° | 229.8 | 261.6 | 284.4 | 287.7 | 323.5 | 346.8 | 352.2 | 378.2 | 406.4 | 424.0 | 436.6 |
| 47.5° | 342.0 | 382.1 | 402.0 | 414.7 | 458.2 | 506.0 | 506.1 | 521.0 | 591.7 | 628.7 | 646.5 |
| 45° | 492.6 | 526.0 | 561.2 | 652.4 | 736.3 | 763.0 | 820.0 | 897.2 | 947.4 | 1016.4 | 1092.3 |
| 42.5° | 620.8 | 683.6 | 771.6 | 872.1 | 956.3 | 1026.3 | 1111.0 | 1203.8 | 1315.2 | 1420.1 | 1510.6 |
| 40° | 747.7 | 825.4 | 934.5 | 1043.8 | 1149.7 | 1246.8 | 1383.3 | 1502.6 | 1634.1 | 1778.3 | 1898.5 |
| 37.5° | 913.3 | 1012.8 | 1125.5 | 1263.3 | 1428.2 | 1536.0 | 1723.7 | 1895.2 | 2043.4 | 2217.5 | 2324.7 |
| 35° | 1167.6 | 1297.4 | 1397.1 | 1675.8 | 1876.4 | 2002.3 | 2224.6 | 2506.5 | 2614.7 | 2834.0 | 2938.1 |
| 32.5° | 1487.4 | 1659.8 | 1922.3 | 2291.3 | 2559.1 | 2791.1 | 3123.4 | 3409.4 | 3653.1 | 3873.4 | 4102.5 |
| 30° | 1846.7 | 2112.8 | 2499.6 | 2990.0 | 3262.1 | 3587.0 | 4036.3 | 4375.4 | 4757.6 | 5177.2 | 5324.2 |
| 27.5° | 2172.7 | 2571.3 | 3020.5 | 3417.7 | 3808.5 | 4213.1 | 4654.5 | 5090.2 | 5503.9 | 5853.1 | 6087.4 |
| 25° | 2474.9 | 2957.6 | 3394.2 | 3818.6 | 4242.0 | 4697.8 | 5197.0 | 5691.1 | 6146.4 | 6505.7 | 6778.9 |
| 22.5° | 2786.6 | 3296.6 | 3763.6 | 4194.3 | 4686.8 | 5203.2 | 5734.2 | 6300.8 | 6819.0 | 7191.8 | 7489.4 |
| 20° | 3079.7 | 3646.8 | 4179.5 | 4669.9 | 5135.5 | 5731.6 | 6343.1 | 6944.2 | 7508.4 | 7952.4 | 8295.6 |
| 17.5° | 3544.8 | 4037.2 | 4688.2 | 5325.3 | 5849.8 | 6397.4 | 7214.5 | 7834.9 | 8461.1 | 8992.8 | 9356.6 |
| 15° | 4116.1 | 4657.5 | 5329.8 | 6204.7 | 6923.3 | 7550.8 | 8394.9 | 9404.1 | 10142.7 | 10821.5 | 11287.2 |
| 12.5° | 4687.9 | 5300.2 | 6027.4 | 7012.0 | 8035.1 | 8774.2 | 9798.2 | 11077.1 | 11937.4 | 12988.4 | 13506.5 |
| 10° | 5126.1 | 5895.0 | 6643.9 | 7542.4 | 8525.0 | 9577.5 | 10681.3 | 11877.8 | 13027.3 | 13929.8 | 14736.5 |
| 7.5° | 5302.5 | 6121.6 | 6988.5 | 7905.2 | 8887.8 | 9974.0 | 11150.4 | 12395.4 | 13578.4 | 14586.5 | 15473.0 |
| 5° | 5434.3 | 6273.6 | 7146.2 | 8083.6 | 9134.0 | 10268.3 | 11462.2 | 12769.4 | 13977.5 | 15057.9 | 15964.9 |
| 2.5° | 5518.1 | 6365.3 | 7234.1 | 8187.2 | 9291.8 | 10459.9 | 11692.2 | 13034.0 | 14260.3 | 15372.5 | 16276.6 |
| 0° | 5550.3 | 6385.2 | 7274.9 | 8256.2 | 9349.8 | 10520.4 | 11806.1 | 13163.6 | 14399.6 | 15474.9 | 16405.2 |
| -2.5° | 5554.6 | 6366.7 | 7277.6 | 8254.1 | 9300.4 | 10482.1 | 11783.2 | 13129.5 | 14340.4 | 15411.3 | 16349.9 |
| -5° | 5511.1 | 6322.7 | 7234.5 | 8196.2 | 9244.0 | 10416.7 | 11662.0 | 12962.9 | 14117.8 | 15160.1 | 16063.8 |
| -7.5° | 5422.7 | 6232.1 | 7123.7 | 8063.3 | 9082.9 | 10220.5 | 11416.5 | 12626.0 | 13758.9 | 14758.6 | 15621.0 |
| -10° | 5291.5 | 6083.9 | 6944.7 | 7860.2 | 8824.9 | 9906.9 | 11047.5 | 12203.0 | 13265.4 | 14189.9 | 14987.4 |
| -12.5° | 5113.9 | 5888.1 | 6710.0 | 7584.0 | 8482.0 | 9513.6 | 10590.5 | 11675.6 | 12644.0 | 13488.0 | 14203.5 |
| -15° | 4883.3 | 5639.4 | 6435.2 | 7261.8 | 8132.6 | 9065.5 | 10032.0 | 11027.3 | 11920.4 | 12668.8 | 13322.5 |
| -17.5° | 4611.6 | 5344.9 | 6100.7 | 6866.9 | 7693.2 | 8568.4 | 9465.5 | 10359.0 | 11120.7 | 11785.7 | 12383.4 |
| -20° | 4308.7 | 5015.2 | 5733.1 | 6447.4 | 7197.1 | 8006.5 | 8835.1 | 9619.9 | 10285.6 | 10889.8 | 11436.7 |



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| -22.5° | 3969.0 | 4645.3 | 5333.4 | 6001.9 | 6677.9 | 7410.8 | 8150.8 | 8860.6 | 9483.2 | 10000.0 | 10475.3 |
| -25° | 3605.4 | 4230.3 | 4880.1 | 5506.8 | 6129.1 | 6785.8 | 7458.0 | 8111.0 | 8659.0 | 9107.7 | 9500.5 |
| -27.5° | 3239.1 | 3810.1 | 4382.6 | 4972.6 | 5547.8 | 6153.9 | 6762.3 | 7326.4 | 7818.4 | 8231.6 | 8561.6 |
| -30° | 2854.0 | 3364.5 | 3887.3 | 4421.2 | 4970.3 | 5525.0 | 6074.8 | 6568.6 | 6998.1 | 7361.5 | 7646.8 |
| -32.5° | 2534.0 | 2921.8 | 3383.4 | 3868.0 | 4382.8 | 4888.1 | 5366.4 | 5816.6 | 6221.2 | 6538.5 | 6780.5 |
| -35° | 2227.2 | 2555.6 | 2901.3 | 3330.3 | 3772.6 | 4237.6 | 4677.5 | 5079.3 | 5440.1 | 5717.3 | 5944.9 |
| -37.5° | 1963.5 | 2223.2 | 2515.6 | 2821.9 | 3192.7 | 3577.2 | 3974.2 | 4352.0 | 4673.7 | 4915.5 | 5118.8 |
| -40° | 1735.3 | 1940.3 | 2173.9 | 2416.7 | 2689.6 | 2965.8 | 3311.5 | 3630.4 | 3892.9 | 4119.0 | 4303.1 |
| -42.5° | 1529.0 | 1702.0 | 1874.5 | 2073.6 | 2279.5 | 2501.5 | 2744.2 | 2980.0 | 3181.5 | 3370.7 | 3527.1 |
| -45° | 1350.9 | 1489.1 | 1626.6 | 1780.4 | 1931.5 | 2112.1 | 2285.4 | 2440.1 | 2603.3 | 2745.0 | 2856.5 |
| -47.5° | 1195.1 | 1302.9 | 1420.8 | 1535.9 | 1657.2 | 1793.2 | 1922.2 | 2039.9 | 2159.5 | 2263.1 | 2346.2 |
| -50° | 1056.7 | 1146.0 | 1242.3 | 1332.7 | 1430.9 | 1530.3 | 1625.7 | 1719.3 | 1810.2 | 1889.0 | 1950.3 |
| -52.5° | 935.5 | 1013.6 | 1088.5 | 1160.6 | 1238.7 | 1312.3 | 1381.4 | 1458.6 | 1529.6 | 1591.8 | 1633.7 |
| -55° | 832.4 | 896.1 | 957.6 | 1017.7 | 1076.7 | 1132.5 | 1187.6 | 1247.6 | 1302.4 | 1351.7 | 1383.0 |
| -57.5° | 735.5 | 789.8 | 841.8 | 890.9 | 937.7 | 982.1 | 1028.4 | 1074.6 | 1116.8 | 1154.1 | 1178.2 |
| -60° | 647.3 | 691.6 | 736.7 | 776.8 | 814.6 | 850.0 | 889.0 | 925.9 | 960.0 | 988.7 | 1005.4 |
| -62.5° | 566.6 | 606.4 | 639.6 | 671.3 | 703.4 | 735.3 | 763.1 | 790.3 | 816.6 | 838.8 | 853.4 |
| -65° | 482.2 | 515.9 | 544.2 | 569.7 | 592.7 | 617.4 | 641.0 | 662.4 | 681.4 | 695.9 | 705.1 |
| -67.5° | 406.7 | 431.5 | 454.1 | 474.3 | 494.9 | 514.7 | 532.9 | 549.1 | 563.4 | 573.5 | 580.1 |
| -70° | 341.0 | 360.0 | 378.5 | 396.9 | 415.2 | 430.7 | 443.9 | 456.0 | 467.0 | 471.6 | 473.6 |
| -72.5° | 283.4 | 300.2 | 316.5 | 332.7 | 347.9 | 360.0 | 369.7 | 378.6 | 386.6 | 379.7 | 367.6 |
| -75° | 231.1 | 245.9 | 261.1 | 275.4 | 288.9 | 298.1 | 305.3 | 311.9 | 318.0 | 303.1 | 282.5 |
| -77.5° | 188.3 | 201.3 | 212.6 | 223.8 | 234.8 | 240.7 | 245.3 | 249.8 | 254.1 | 237.4 | 216.3 |
| -80° | 139.7 | 150.2 | 159.8 | 169.2 | 178.4 | 181.9 | 183.9 | 185.3 | 186.1 | 171.8 | 155.3 |
| -82.5° | 94.4 | 99.8 | 105.1 | 110.6 | 116.2 | 119.1 | 121.4 | 123.1 | 124.3 | 114.2 | 102.7 |
| -85° | 52.9 | 54.6 | 55.8 | 56.9 | 57.8 | 59.6 | 61.4 | 63.0 | 64.5 | 59.7 | 54.4 |
| -87.5° | 18.2 | 18.2 | 18.1 | 18.0 | 17.8 | 17.8 | 17.8 | 17.8 | 17.7 | 16.9 | 16.1 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 |
| 62.5° | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 |
| 60° | 2.6 | 1.6 | 1.3 | 1.3 | 1.3 | 1.6 | 2.6 | 3.3 | 3.8 | 5.0 | 5.4 |
| 57.5° | 26.0 | 22.7 | 20.3 | 18.3 | 20.3 | 22.7 | 26.0 | 27.9 | 28.0 | 36.2 | 37.3 |
| 55° | 173.0 | 161.1 | 146.5 | 129.3 | 146.5 | 161.1 | 173.0 | 176.2 | 168.8 | 154.1 | 139.1 |
| 52.5° | 339.4 | 350.7 | 357.3 | 356.7 | 357.3 | 350.7 | 339.4 | 327.8 | 316.7 | 301.5 | 288.0 |
| 50° | 446.8 | 452.9 | 453.3 | 448.2 | 453.3 | 452.9 | 446.8 | 436.6 | 424.0 | 406.4 | 378.2 |
| 47.5° | 654.6 | 646.0 | 631.3 | 615.4 | 631.3 | 646.0 | 654.6 | 646.5 | 628.7 | 591.7 | 521.0 |
| 45° | 1142.3 | 1169.8 | 1168.0 | 1132.8 | 1168.0 | 1169.8 | 1142.3 | 1092.3 | 1016.4 | 947.4 | 897.2 |
| 42.5° | 1561.1 | 1602.2 | 1631.4 | 1646.3 | 1631.4 | 1602.2 | 1561.1 | 1510.6 | 1420.1 | 1315.2 | 1203.8 |
| 40° | 1966.2 | 2006.0 | 2023.5 | 2022.6 | 2023.5 | 2006.0 | 1966.2 | 1898.5 | 1778.3 | 1634.1 | 1502.6 |
| 37.5° | 2394.3 | 2445.9 | 2470.9 | 2459.0 | 2470.9 | 2445.9 | 2394.3 | 2324.7 | 2217.5 | 2043.4 | 1895.2 |
| 35° | 2983.1 | 3031.3 | 3032.3 | 3007.7 | 3032.3 | 3031.3 | 2983.1 | 2938.1 | 2834.0 | 2614.7 | 2506.5 |
| 32.5° | 4284.4 | 4300.5 | 4176.6 | 4132.7 | 4176.6 | 4300.5 | 4284.4 | 4102.5 | 3873.4 | 3653.1 | 3409.4 |
| 30° | 5470.5 | 5584.9 | 5691.3 | 5745.0 | 5691.3 | 5584.9 | 5470.5 | 5324.2 | 5177.2 | 4757.6 | 4375.4 |
| 27.5° | 6264.1 | 6401.6 | 6486.8 | 6492.3 | 6486.8 | 6401.6 | 6264.1 | 6087.4 | 5853.1 | 5503.9 | 5090.2 |
| 25° | 6985.8 | 7139.7 | 7232.7 | 7264.5 | 7232.7 | 7139.7 | 6985.8 | 6778.9 | 6505.7 | 6146.4 | 5691.1 |
| 22.5° | 7742.0 | 7923.3 | 8043.4 | 8068.0 | 8043.4 | 7923.3 | 7742.0 | 7489.4 | 7191.8 | 6819.0 | 6300.8 |
| 20° | 8619.3 | 8830.3 | 8945.5 | 8940.8 | 8945.5 | 8830.3 | 8619.3 | 8295.6 | 7952.4 | 7508.4 | 6944.2 |
| 17.5° | 9774.3 | 10000.6 | 10100.1 | 10056.6 | 10100.1 | 10000.6 | 9774.3 | 9356.6 | 8992.8 | 8461.1 | 7834.9 |
| 15° | 11765.2 | 12238.7 | 12236.8 | 12047.8 | 12236.8 | 12238.7 | 11765.2 | 11287.2 | 10821.5 | 10142.7 | 9404.1 |
| 12.5° | 14221.0 | 14573.9 | 14935.9 | 15013.7 | 14935.9 | 14573.9 | 14221.0 | 13506.5 | 12988.4 | 11937.4 | 11077.1 |
| 10° | 15416.0 | 15884.6 | 16193.9 | 16185.7 | 16193.9 | 15884.6 | 15416.0 | 14736.5 | 13929.8 | 13027.3 | 11877.8 |
| 7.5° | 16163.6 | 16681.3 | 17056.1 | 17048.0 | 17056.1 | 16681.3 | 16163.6 | 15473.0 | 14586.5 | 13578.4 | 12395.4 |
| 5° | 16740.5 | 17314.7 | 17646.7 | 17671.3 | 17646.7 | 17314.7 | 16740.5 | 15964.9 | 15057.9 | 13977.5 | 12769.4 |
| 2.5° | 17040.3 | 17639.6 | 18038.7 | 17986.1 | 18038.7 | 17639.6 | 17040.3 | 16276.6 | 15372.5 | 14260.3 | 13034.0 |
| 0° | 17165.6 | 17758.8 | 18131.2 | 18291.9 | 18131.2 | 17758.8 | 17165.6 | 16405.2 | 15474.9 | 14399.6 | 13163.6 |
| -2.5° | 17110.9 | 17688.1 | 18099.6 | 18115.5 | 18099.6 | 17688.1 | 17110.9 | 16349.9 | 15411.3 | 14340.4 | 13129.5 |
| -5° | 16817.7 | 17426.8 | 17702.5 | 17849.0 | 17702.5 | 17426.8 | 16817.7 | 16063.8 | 15160.1 | 14117.8 | 12962.9 |
| -7.5° | 16344.9 | 16801.3 | 17151.5 | 17313.3 | 17151.5 | 16801.3 | 16344.9 | 15621.0 | 14758.6 | 13758.9 | 12626.0 |
| -10° | 15609.1 | 16081.6 | 16377.6 | 16511.0 | 16377.6 | 16081.6 | 15609.1 | 14987.4 | 14189.9 | 13265.4 | 12203.0 |
| -12.5° | 14793.9 | 15223.3 | 15504.7 | 15617.3 | 15504.7 | 15223.3 | 14793.9 | 14203.5 | 13488.0 | 12644.0 | 11675.6 |
| -15° | 13884.4 | 14274.3 | 14533.3 | 14641.3 | 14533.3 | 14274.3 | 13884.4 | 13322.5 | 12668.8 | 11920.4 | 11027.3 |
| -17.5° | 12883.3 | 13224.9 | 13483.0 | 13560.8 | 13483.0 | 13224.9 | 12883.3 | 12383.4 | 11785.7 | 11120.7 | 10359.0 |
| -20° | 11853.8 | 12162.6 | 12375.2 | 12421.5 | 12375.2 | 12162.6 | 11853.8 | 11436.7 | 10889.8 | 10285.6 | 9619.9 |



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| -22.5° | 10816.5 | 11070.9 | 11243.6 | 11301.8 | 11243.6 | 11070.9 | 10816.5 | 10475.3 | 10000.0 | 9483.2 | 8860.6 |
| -25° | 9802.8 | 10022.4 | 10161.4 | 10213.4 | 10161.4 | 10022.4 | 9802.8 | 9500.5 | 9107.7 | 8659.0 | 8111.0 |
| -27.5° | 8827.8 | 9032.5 | 9160.2 | 9177.3 | 9160.2 | 9032.5 | 8827.8 | 8561.6 | 8231.6 | 7818.4 | 7326.4 |
| -30° | 7868.5 | 8037.7 | 8136.0 | 8177.8 | 8136.0 | 8037.7 | 7868.5 | 7646.8 | 7361.5 | 6998.1 | 6568.6 |
| -32.5° | 6972.1 | 7119.8 | 7208.2 | 7231.8 | 7208.2 | 7119.8 | 6972.1 | 6780.5 | 6538.5 | 6221.2 | 5816.6 |
| -35° | 6125.8 | 6262.2 | 6340.5 | 6334.2 | 6340.5 | 6262.2 | 6125.8 | 5944.9 | 5717.3 | 5440.1 | 5079.3 |
| -37.5° | 5286.8 | 5412.7 | 5483.7 | 5477.1 | 5483.7 | 5412.7 | 5286.8 | 5118.8 | 4915.5 | 4673.7 | 4352.0 |
| -40° | 4454.5 | 4563.2 | 4625.8 | 4640.9 | 4625.8 | 4563.2 | 4454.5 | 4303.1 | 4119.0 | 3892.9 | 3630.4 |
| -42.5° | 3657.1 | 3757.4 | 3807.5 | 3787.7 | 3807.5 | 3757.4 | 3657.1 | 3527.1 | 3370.7 | 3181.5 | 2980.0 |
| -45° | 2934.5 | 2986.3 | 3020.4 | 3041.7 | 3020.4 | 2986.3 | 2934.5 | 2856.5 | 2745.0 | 2603.3 | 2440.1 |
| -47.5° | 2407.0 | 2450.0 | 2473.2 | 2477.2 | 2473.2 | 2450.0 | 2407.0 | 2346.2 | 2263.1 | 2159.5 | 2039.9 |
| -50° | 1998.0 | 2034.6 | 2050.7 | 2046.1 | 2050.7 | 2034.6 | 1998.0 | 1950.3 | 1889.0 | 1810.2 | 1719.3 |
| -52.5° | 1664.0 | 1685.1 | 1699.5 | 1706.4 | 1699.5 | 1685.1 | 1664.0 | 1633.7 | 1591.8 | 1529.6 | 1458.6 |
| -55° | 1406.5 | 1423.0 | 1432.6 | 1435.9 | 1432.6 | 1423.0 | 1406.5 | 1383.0 | 1351.7 | 1302.4 | 1247.6 |
| -57.5° | 1198.4 | 1214.1 | 1219.8 | 1217.7 | 1219.8 | 1214.1 | 1198.4 | 1178.2 | 1154.1 | 1116.8 | 1074.6 |
| -60° | 1018.3 | 1027.2 | 1034.0 | 1037.4 | 1034.0 | 1027.2 | 1018.3 | 1005.4 | 988.7 | 960.0 | 925.9 |
| -62.5° | 865.0 | 873.4 | 880.4 | 884.5 | 880.4 | 873.4 | 865.0 | 853.4 | 838.8 | 816.6 | 790.3 |
| -65° | 711.5 | 715.2 | 716.3 | 714.7 | 716.3 | 715.2 | 711.5 | 705.1 | 695.9 | 681.4 | 662.4 |
| -67.5° | 585.0 | 588.2 | 590.3 | 590.6 | 590.3 | 588.2 | 585.0 | 580.1 | 573.5 | 563.4 | 549.1 |
| -70° | 475.6 | 476.9 | 475.4 | 471.7 | 475.4 | 476.9 | 475.6 | 473.6 | 471.6 | 467.0 | 456.0 |
| -72.5° | 355.3 | 342.2 | 329.3 | 314.9 | 329.3 | 342.2 | 355.3 | 367.6 | 379.7 | 386.6 | 378.6 |
| -75° | 261.2 | 239.1 | 231.1 | 223.4 | 231.1 | 239.1 | 261.2 | 282.5 | 303.1 | 318.0 | 311.9 |
| -77.5° | 194.3 | 171.4 | 165.2 | 159.4 | 165.2 | 171.4 | 194.3 | 216.3 | 237.4 | 254.1 | 249.8 |
| -80° | 138.0 | 120.1 | 116.2 | 112.4 | 116.2 | 120.1 | 138.0 | 155.3 | 171.8 | 186.1 | 185.3 |
| -82.5° | 90.7 | 78.2 | 75.7 | 73.2 | 75.7 | 78.2 | 90.7 | 102.7 | 114.2 | 124.3 | 123.1 |
| -85° | 48.8 | 42.9 | 41.8 | 40.5 | 41.8 | 42.9 | 48.8 | 54.4 | 59.7 | 64.5 | 63.0 |
| -87.5° | 15.2 | 14.3 | 14.4 | 14.4 | 14.4 | 14.3 | 15.2 | 16.1 | 16.9 | 17.7 | 17.8 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 |
| 85° | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.4 | 0.7 | 1.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 80° | 0.0 | 0.0 | 0.0 | 0.4 | 0.7 | 1.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 77.5° | 0.0 | 0.0 | 0.1 | 0.4 | 0.7 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 75° | 0.0 | 0.0 | 0.1 | 0.4 | 0.8 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 72.5° | 0.0 | 0.0 | 0.1 | 0.4 | 0.8 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.8 | 1.1 | 1.3 | 1.3 | 1.3 |
| 67.5° | 0.0 | 0.0 | 0.2 | 0.5 | 0.7 | 0.7 | 0.6 | 0.7 | 1.0 | 1.3 | 1.3 |
| 65° | 0.3 | 0.2 | 0.3 | 0.6 | 1.0 | 1.3 | 1.3 | 1.2 | 1.2 | 1.4 | 1.3 |
| 62.5° | 1.1 | 1.3 | 1.2 | 1.1 | 1.2 | 1.6 | 1.7 | 1.8 | 1.6 | 2.0 | 3.0 |
| 60° | 4.3 | 2.1 | 4.7 | 5.5 | 4.3 | 4.2 | 7.4 | 6.9 | 2.6 | 9.8 | 11.8 |
| 57.5° | 28.6 | 26.4 | 37.9 | 36.8 | 22.0 | 31.4 | 37.5 | 25.1 | 17.5 | 27.8 | 33.5 |
| 55° | 125.1 | 122.3 | 119.1 | 112.2 | 103.0 | 95.9 | 94.5 | 94.3 | 74.9 | 54.3 | 61.6 |
| 52.5° | 274.2 | 244.1 | 222.6 | 212.1 | 197.0 | 174.3 | 156.1 | 152.5 | 147.9 | 122.4 | 101.1 |
| 50° | 352.2 | 346.8 | 323.5 | 287.7 | 284.4 | 261.6 | 229.8 | 207.9 | 205.1 | 187.7 | 155.5 |
| 47.5° | 506.1 | 506.0 | 458.2 | 414.7 | 402.0 | 382.1 | 342.0 | 282.8 | 277.5 | 262.6 | 226.7 |
| 45° | 820.0 | 763.0 | 736.3 | 652.4 | 561.2 | 526.0 | 492.6 | 421.5 | 363.4 | 340.6 | 315.3 |
| 42.5° | 1111.0 | 1026.3 | 956.3 | 872.1 | 771.6 | 683.6 | 620.8 | 542.7 | 472.6 | 424.0 | 387.8 |
| 40° | 1383.3 | 1246.8 | 1149.7 | 1043.8 | 934.5 | 825.4 | 747.7 | 649.5 | 569.6 | 504.5 | 466.1 |
| 37.5° | 1723.7 | 1536.0 | 1428.2 | 1263.3 | 1125.5 | 1012.8 | 913.3 | 788.3 | 659.8 | 606.8 | 559.3 |
| 35° | 2224.6 | 2002.3 | 1876.4 | 1675.8 | 1397.1 | 1297.4 | 1167.6 | 980.6 | 818.0 | 727.1 | 668.4 |
| 32.5° | 3123.4 | 2791.1 | 2559.1 | 2291.3 | 1922.3 | 1659.8 | 1487.4 | 1279.3 | 1018.9 | 888.1 | 790.8 |
| 30° | 4036.3 | 3587.0 | 3262.1 | 2990.0 | 2499.6 | 2112.8 | 1846.7 | 1552.1 | 1271.4 | 1059.2 | 926.9 |
| 27.5° | 4654.5 | 4213.1 | 3808.5 | 3417.7 | 3020.5 | 2571.3 | 2172.7 | 1794.5 | 1487.6 | 1250.3 | 1079.5 |
| 25° | 5197.0 | 4697.8 | 4242.0 | 3818.6 | 3394.2 | 2957.6 | 2474.9 | 2049.9 | 1689.6 | 1418.1 | 1195.2 |
| 22.5° | 5734.2 | 5203.2 | 4686.8 | 4194.3 | 3763.6 | 3296.6 | 2786.6 | 2297.6 | 1883.5 | 1602.3 | 1334.4 |
| 20° | 6343.1 | 5731.6 | 5135.5 | 4669.9 | 4179.5 | 3646.8 | 3079.7 | 2613.5 | 2207.7 | 1822.4 | 1486.7 |
| 17.5° | 7214.5 | 6397.4 | 5849.8 | 5325.3 | 4688.2 | 4037.2 | 3544.8 | 3056.1 | 2556.4 | 2055.0 | 1646.4 |
| 15° | 8394.9 | 7550.8 | 6923.3 | 6204.7 | 5329.8 | 4657.5 | 4116.1 | 3522.6 | 2930.7 | 2330.3 | 1836.6 |
| 12.5° | 9798.2 | 8774.2 | 8035.1 | 7012.0 | 6027.4 | 5300.2 | 4687.9 | 4023.6 | 3296.5 | 2579.2 | 2013.5 |
| 10° | 10681.3 | 9577.5 | 8525.0 | 7542.4 | 6643.9 | 5895.0 | 5126.1 | 4314.9 | 3506.2 | 2766.9 | 2166.5 |
| 7.5° | 11150.4 | 9974.0 | 8887.8 | 7905.2 | 6988.5 | 6121.6 | 5302.5 | 4485.6 | 3674.9 | 2913.6 | 2295.8 |
| 5° | 11462.2 | 10268.3 | 9134.0 | 8083.6 | 7146.2 | 6273.6 | 5434.3 | 4601.3 | 3801.7 | 3021.8 | 2401.5 |
| 2.5° | 11692.2 | 10459.9 | 9291.8 | 8187.2 | 7234.1 | 6365.3 | 5518.1 | 4668.7 | 3867.9 | 3079.8 | 2438.4 |
| 0° | 11806.1 | 10520.4 | 9349.8 | 8256.2 | 7274.9 | 6385.2 | 5550.3 | 4693.2 | 3883.1 | 3104.4 | 2453.7 |
| -2.5° | 11783.2 | 10482.1 | 9300.4 | 8254.1 | 7277.6 | 6366.7 | 5554.6 | 4706.5 | 3887.3 | 3122.8 | 2464.5 |
| -5° | 11662.0 | 10416.7 | 9244.0 | 8196.2 | 7234.5 | 6322.7 | 5511.1 | 4677.7 | 3856.8 | 3108.1 | 2454.2 |
| -7.5° | 11416.5 | 10220.5 | 9082.9 | 8063.3 | 7123.7 | 6232.1 | 5422.7 | 4607.0 | 3795.1 | 3057.5 | 2423.6 |
| -10° | 11047.5 | 9906.9 | 8824.9 | 7860.2 | 6944.7 | 6083.9 | 5291.5 | 4487.6 | 3693.1 | 2974.2 | 2370.5 |
| -12.5° | 10590.5 | 9513.6 | 8482.0 | 7584.0 | 6710.0 | 5888.1 | 5113.9 | 4319.4 | 3551.5 | 2858.5 | 2294.9 |
| -15° | 10032.0 | 9065.5 | 8132.6 | 7261.8 | 6435.2 | 5639.4 | 4883.3 | 4109.9 | 3371.3 | 2709.6 | 2196.7 |
| -17.5° | 9465.5 | 8568.4 | 7693.2 | 6866.9 | 6100.7 | 5344.9 | 4611.6 | 3877.0 | 3170.3 | 2549.0 | 2081.7 |
| -20° | 8835.1 | 8006.5 | 7197.1 | 6447.4 | 5733.1 | 5015.2 | 4308.7 | 3602.1 | 2940.1 | 2398.7 | 1979.9 |



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8150.8 | 7410.8 | 6677.9 | 6001.9 | 5333.4 | 4645.3 | 3969.0 | 3302.1 | 2674.0 | 2230.2 | 1864.4 |
| -25° | 7458.0 | 6785.8 | 6129.1 | 5506.8 | 4880.1 | 4230.3 | 3605.4 | 2996.6 | 2477.3 | 2071.0 | 1739.8 |
| -27.5° | 6762.3 | 6153.9 | 5547.8 | 4972.6 | 4382.6 | 3810.1 | 3239.1 | 2687.2 | 2264.3 | 1918.8 | 1623.6 |
| -30° | 6074.8 | 5525.0 | 4970.3 | 4421.2 | 3887.3 | 3364.5 | 2854.0 | 2436.0 | 2068.3 | 1756.1 | 1493.7 |
| -32.5° | 5366.4 | 4888.1 | 4382.8 | 3868.0 | 3383.4 | 2921.8 | 2534.0 | 2181.7 | 1863.9 | 1606.4 | 1378.1 |
| -35° | 4677.5 | 4237.6 | 3772.6 | 3330.3 | 2901.3 | 2555.6 | 2227.2 | 1939.1 | 1685.0 | 1457.0 | 1262.7 |
| -37.5° | 3974.2 | 3577.2 | 3192.7 | 2821.9 | 2515.6 | 2223.2 | 1963.5 | 1728.3 | 1508.8 | 1327.3 | 1160.1 |
| -40° | 3311.5 | 2965.8 | 2689.6 | 2416.7 | 2173.9 | 1940.3 | 1735.3 | 1533.2 | 1363.6 | 1204.0 | 1060.1 |
| -42.5° | 2744.2 | 2501.5 | 2279.5 | 2073.6 | 1874.5 | 1702.0 | 1529.0 | 1371.7 | 1223.7 | 1089.9 | 970.3 |
| -45° | 2285.4 | 2112.1 | 1931.5 | 1780.4 | 1626.6 | 1489.1 | 1350.9 | 1221.3 | 1097.0 | 987.8 | 881.7 |
| -47.5° | 1922.2 | 1793.2 | 1657.2 | 1535.9 | 1420.8 | 1302.9 | 1195.1 | 1083.4 | 987.0 | 889.8 | 801.4 |
| -50° | 1625.7 | 1530.3 | 1430.9 | 1332.7 | 1242.3 | 1146.0 | 1056.7 | 968.8 | 883.9 | 803.3 | 722.8 |
| -52.5° | 1381.4 | 1312.3 | 1238.7 | 1160.6 | 1088.5 | 1013.6 | 935.5 | 864.8 | 791.7 | 720.7 | 650.3 |
| -55° | 1187.6 | 1132.5 | 1076.7 | 1017.7 | 957.6 | 896.1 | 832.4 | 768.9 | 705.9 | 641.2 | 588.1 |
| -57.5° | 1028.4 | 982.1 | 937.7 | 890.9 | 841.8 | 789.8 | 735.5 | 678.8 | 627.3 | 578.4 | 530.1 |
| -60° | 889.0 | 850.0 | 814.6 | 776.8 | 736.7 | 691.6 | 647.3 | 602.8 | 558.2 | 515.7 | 474.3 |
| -62.5° | 763.1 | 735.3 | 703.4 | 671.3 | 639.6 | 606.4 | 566.6 | 527.3 | 489.5 | 453.0 | 418.9 |
| -65° | 641.0 | 617.4 | 592.7 | 569.7 | 544.2 | 515.9 | 482.2 | 451.5 | 421.8 | 391.8 | 363.6 |
| -67.5° | 532.9 | 514.7 | 494.9 | 474.3 | 454.1 | 431.5 | 406.7 | 381.2 | 357.3 | 332.8 | 311.7 |
| -70° | 443.9 | 430.7 | 415.2 | 396.9 | 378.5 | 360.0 | 341.0 | 321.0 | 299.3 | 277.3 | 260.3 |
| -72.5° | 369.7 | 360.0 | 347.9 | 332.7 | 316.5 | 300.2 | 283.4 | 265.6 | 246.5 | 226.1 | 209.8 |
| -75° | 305.3 | 298.1 | 288.9 | 275.4 | 261.1 | 245.9 | 231.1 | 214.9 | 196.3 | 175.4 | 158.9 |
| -77.5° | 245.3 | 240.7 | 234.8 | 223.8 | 212.6 | 201.3 | 188.3 | 169.4 | 150.6 | 132.7 | 120.6 |
| -80° | 183.9 | 181.9 | 178.4 | 169.2 | 159.8 | 150.2 | 139.7 | 125.3 | 111.6 | 98.7 | 88.8 |
| -82.5° | 121.4 | 119.1 | 116.2 | 110.6 | 105.1 | 99.8 | 94.4 | 84.7 | 75.2 | 65.9 | 57.9 |
| -85° | 61.4 | 59.6 | 57.8 | 56.9 | 55.8 | 54.6 | 52.9 | 47.3 | 42.0 | 37.0 | 32.5 |
| -87.5° | 17.8 | 17.8 | 17.8 | 18.0 | 18.1 | 18.2 | 18.2 | 16.8 | 15.5 | 14.2 | 13.0 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 |
| 85° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 |
| 82.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 |
| 80° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 77.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 75° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 72.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 70° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.3 |
| 67.5° | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.3 | 1.6 | 1.7 | 1.3 | 1.3 |
| 65° | 1.3 | 1.3 | 1.4 | 1.9 | 1.8 | 1.3 | 1.3 | 2.5 | 2.1 | 1.9 | 1.3 |
| 62.5° | 2.5 | 1.3 | 3.4 | 4.5 | 2.9 | 2.3 | 1.9 | 5.4 | 3.5 | 2.5 | 1.8 |
| 60° | 5.9 | 4.8 | 9.1 | 13.9 | 10.0 | 3.9 | 5.7 | 9.4 | 8.6 | 3.1 | 2.5 |
| 57.5° | 30.2 | 13.8 | 20.4 | 26.5 | 25.3 | 14.2 | 11.5 | 16.0 | 14.6 | 8.5 | 3.4 |
| 55° | 62.8 | 53.4 | 42.4 | 42.2 | 42.7 | 33.7 | 24.0 | 24.8 | 22.0 | 15.6 | 5.0 |
| 52.5° | 95.4 | 92.5 | 82.3 | 67.0 | 61.5 | 55.6 | 45.5 | 35.2 | 32.6 | 23.3 | 12.3 |
| 50° | 136.0 | 128.5 | 120.5 | 104.9 | 85.0 | 77.2 | 66.8 | 53.7 | 44.4 | 32.6 | 20.3 |
| 47.5° | 182.3 | 169.4 | 157.3 | 142.2 | 120.5 | 99.9 | 88.3 | 72.9 | 57.4 | 44.8 | 28.5 |
| 45° | 254.8 | 212.8 | 196.4 | 178.9 | 156.6 | 130.9 | 110.8 | 91.8 | 74.4 | 57.0 | 36.6 |
| 42.5° | 329.2 | 270.7 | 236.4 | 216.7 | 193.3 | 164.4 | 134.1 | 112.8 | 91.1 | 69.2 | 46.3 |
| 40° | 404.1 | 331.7 | 279.7 | 255.1 | 231.3 | 197.8 | 163.9 | 134.7 | 107.5 | 81.8 | 56.8 |
| 37.5° | 485.0 | 400.0 | 329.7 | 295.0 | 269.9 | 233.8 | 194.1 | 157.1 | 124.3 | 95.6 | 67.3 |
| 35° | 585.7 | 480.9 | 384.0 | 341.2 | 307.6 | 270.5 | 223.9 | 181.5 | 144.3 | 109.3 | 77.6 |
| 32.5° | 699.0 | 570.2 | 461.9 | 391.6 | 345.7 | 307.9 | 255.8 | 208.9 | 164.9 | 123.1 | 87.7 |
| 30° | 811.6 | 662.1 | 535.7 | 441.5 | 386.4 | 342.8 | 289.7 | 236.5 | 186.0 | 136.9 | 97.9 |
| 27.5° | 897.5 | 741.4 | 604.9 | 501.4 | 431.4 | 377.7 | 323.5 | 264.2 | 207.4 | 152.0 | 109.2 |
| 25° | 985.3 | 814.9 | 672.0 | 560.1 | 475.4 | 413.2 | 356.0 | 291.9 | 230.1 | 169.4 | 120.2 |
| 22.5° | 1087.9 | 884.7 | 728.6 | 613.0 | 522.1 | 449.3 | 387.1 | 320.1 | 253.2 | 186.7 | 130.8 |
| 20° | 1188.3 | 949.0 | 780.7 | 674.9 | 573.1 | 489.5 | 417.5 | 346.9 | 275.7 | 203.7 | 141.2 |
| 17.5° | 1291.1 | 1039.4 | 867.1 | 738.9 | 625.8 | 529.3 | 447.5 | 372.3 | 297.6 | 220.2 | 151.1 |
| 15° | 1446.1 | 1160.3 | 954.3 | 802.2 | 676.7 | 568.3 | 477.0 | 396.2 | 318.7 | 236.1 | 159.9 |
| 12.5° | 1592.2 | 1274.0 | 1038.9 | 864.0 | 725.6 | 606.1 | 505.5 | 418.7 | 338.8 | 249.4 | 167.3 |
| 10° | 1721.3 | 1379.8 | 1119.9 | 923.6 | 772.0 | 642.4 | 532.8 | 436.3 | 350.8 | 260.0 | 173.9 |
| 7.5° | 1833.7 | 1477.0 | 1196.3 | 980.3 | 811.6 | 666.9 | 546.8 | 445.5 | 359.8 | 269.3 | 179.7 |
| 5° | 1919.7 | 1543.1 | 1238.3 | 1002.9 | 826.5 | 678.2 | 556.7 | 452.9 | 367.0 | 277.2 | 184.7 |
| 2.5° | 1948.1 | 1565.1 | 1254.9 | 1015.7 | 837.3 | 686.3 | 564.4 | 458.6 | 372.5 | 283.7 | 188.8 |
| 0° | 1961.2 | 1575.7 | 1263.4 | 1023.0 | 844.0 | 691.2 | 569.7 | 462.5 | 376.3 | 288.8 | 192.1 |
| -2.5° | 1975.6 | 1590.2 | 1275.4 | 1034.4 | 851.0 | 697.9 | 575.3 | 468.6 | 381.7 | 294.4 | 197.6 |
| -5° | 1974.6 | 1593.0 | 1279.3 | 1039.9 | 853.8 | 701.5 | 578.5 | 473.0 | 385.6 | 298.6 | 202.3 |
| -7.5° | 1953.7 | 1580.6 | 1274.4 | 1038.8 | 852.3 | 701.9 | 579.4 | 475.6 | 388.0 | 301.2 | 205.9 |
| -10° | 1916.4 | 1555.0 | 1260.0 | 1029.4 | 846.7 | 698.9 | 578.0 | 476.4 | 389.0 | 302.3 | 208.5 |
| -12.5° | 1863.8 | 1518.5 | 1236.9 | 1014.0 | 836.6 | 692.3 | 573.7 | 474.2 | 388.4 | 301.9 | 210.0 |
| -15° | 1796.2 | 1471.5 | 1205.0 | 992.7 | 822.1 | 682.6 | 566.9 | 469.6 | 385.0 | 299.7 | 210.3 |
| -17.5° | 1714.5 | 1414.4 | 1164.3 | 965.6 | 803.0 | 669.7 | 557.6 | 463.2 | 380.4 | 295.8 | 209.8 |
| -20° | 1638.7 | 1354.3 | 1117.4 | 932.6 | 779.4 | 653.6 | 545.7 | 455.1 | 374.7 | 291.0 | 208.9 |



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1553.9 | 1292.0 | 1075.7 | 901.0 | 754.5 | 634.4 | 531.2 | 445.2 | 367.9 | 285.3 | 207.0 |
| -25° | 1456.9 | 1221.3 | 1028.2 | 865.9 | 730.3 | 616.0 | 516.4 | 433.6 | 360.0 | 278.7 | 204.2 |
| -27.5° | 1365.8 | 1148.4 | 974.9 | 825.3 | 702.2 | 594.9 | 501.7 | 422.9 | 351.0 | 271.5 | 200.6 |
| -30° | 1272.8 | 1084.9 | 923.8 | 782.8 | 671.3 | 571.3 | 485.2 | 411.4 | 340.8 | 265.1 | 196.1 |
| -32.5° | 1178.2 | 1015.7 | 869.0 | 746.0 | 641.4 | 546.0 | 467.1 | 399.0 | 330.2 | 258.8 | 192.4 |
| -35° | 1096.9 | 947.6 | 810.2 | 706.4 | 610.7 | 524.4 | 449.2 | 385.9 | 319.2 | 251.6 | 188.4 |
| -37.5° | 1010.4 | 878.5 | 764.5 | 667.1 | 577.8 | 500.9 | 431.9 | 370.5 | 307.9 | 243.6 | 183.6 |
| -40° | 933.0 | 814.0 | 715.2 | 629.0 | 548.2 | 475.4 | 412.6 | 354.1 | 297.3 | 234.7 | 177.9 |
| -42.5° | 854.1 | 755.5 | 667.2 | 588.1 | 518.5 | 452.1 | 391.7 | 336.6 | 283.6 | 226.6 | 171.4 |
| -45° | 785.1 | 695.5 | 617.5 | 551.0 | 487.4 | 426.6 | 371.2 | 318.4 | 269.0 | 218.2 | 164.7 |
| -47.5° | 713.7 | 637.7 | 571.1 | 512.2 | 456.8 | 400.2 | 349.6 | 301.5 | 253.8 | 208.9 | 157.7 |
| -50° | 647.2 | 582.9 | 527.5 | 474.7 | 423.0 | 375.5 | 327.9 | 284.1 | 240.0 | 196.6 | 150.0 |
| -52.5° | 587.9 | 534.4 | 485.1 | 437.0 | 392.7 | 349.6 | 308.6 | 266.5 | 225.6 | 184.4 | 141.3 |
| -55° | 535.6 | 487.9 | 443.5 | 401.9 | 362.2 | 326.7 | 288.8 | 249.9 | 210.6 | 171.8 | 132.1 |
| -57.5° | 485.5 | 442.5 | 404.8 | 367.8 | 333.9 | 303.1 | 269.5 | 232.7 | 195.4 | 158.6 | 124.0 |
| -60° | 435.1 | 400.5 | 367.0 | 335.9 | 306.7 | 278.7 | 250.1 | 214.9 | 179.7 | 144.9 | 114.1 |
| -62.5° | 386.9 | 357.8 | 332.0 | 304.7 | 277.9 | 253.2 | 230.1 | 196.6 | 163.3 | 131.5 | 103.1 |
| -65° | 339.5 | 317.2 | 296.4 | 270.8 | 247.4 | 226.8 | 207.6 | 177.6 | 146.1 | 117.2 | 91.6 |
| -67.5° | 292.5 | 274.2 | 255.6 | 234.8 | 217.5 | 200.7 | 183.7 | 156.5 | 127.9 | 102.1 | 80.1 |
| -70° | 245.2 | 229.7 | 216.4 | 203.2 | 188.8 | 174.0 | 157.0 | 133.8 | 108.8 | 87.8 | 68.1 |
| -72.5° | 198.8 | 189.3 | 181.4 | 172.1 | 159.9 | 145.8 | 129.9 | 111.0 | 91.5 | 73.1 | 55.7 |
| -75° | 153.1 | 151.2 | 148.8 | 142.7 | 131.0 | 117.9 | 105.1 | 90.5 | 73.8 | 57.9 | 45.4 |
| -77.5° | 120.6 | 119.8 | 118.1 | 113.9 | 103.7 | 93.0 | 81.8 | 69.6 | 56.9 | 46.0 | 35.7 |
| -80° | 89.3 | 89.2 | 88.4 | 85.9 | 77.1 | 68.0 | 60.2 | 52.4 | 43.1 | 34.2 | 25.8 |
| -82.5° | 58.7 | 59.6 | 60.0 | 59.2 | 53.3 | 47.5 | 41.8 | 36.3 | 29.1 | 22.2 | 17.2 |
| -85° | 33.5 | 34.2 | 34.3 | 33.9 | 30.2 | 26.7 | 24.4 | 22.0 | 18.2 | 14.7 | 11.5 |
| -87.5° | 13.9 | 14.7 | 15.3 | 15.7 | 14.5 | 13.4 | 12.2 | 11.0 | 9.1 | 7.4 | 5.8 |
| -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: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 85° | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | 0.0 |
| 82.5° | 1.0 | 0.8 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| 80° | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.2 | 0.0 |
| 77.5° | 1.3 | 1.3 | 1.1 | 0.8 | 0.6 | 0.3 | 0.0 |
| 75° | 1.3 | 1.3 | 1.3 | 1.0 | 0.7 | 0.3 | 0.0 |
| 72.5° | 1.3 | 1.3 | 1.3 | 1.2 | 0.8 | 0.4 | 0.0 |
| 70° | 1.3 | 1.3 | 1.3 | 1.3 | 0.9 | 0.4 | 0.0 |
| 67.5° | 1.4 | 1.3 | 1.3 | 1.3 | 1.0 | 0.5 | 0.0 |
| 65° | 1.6 | 1.4 | 1.3 | 1.3 | 1.1 | 0.5 | 0.0 |
| 62.5° | 1.8 | 1.7 | 1.3 | 1.3 | 1.2 | 0.6 | 0.0 |
| 60° | 2.0 | 2.1 | 1.3 | 1.3 | 1.3 | 0.6 | 0.0 |
| 57.5° | 3.5 | 2.5 | 1.7 | 1.3 | 1.3 | 0.7 | 0.0 |
| 55° | 5.4 | 2.9 | 2.1 | 1.3 | 1.3 | 0.7 | 0.0 |
| 52.5° | 7.5 | 3.6 | 2.5 | 1.3 | 1.4 | 0.8 | 0.0 |
| 50° | 10.0 | 5.9 | 2.9 | 1.3 | 1.4 | 0.8 | 0.0 |
| 47.5° | 13.3 | 8.3 | 3.4 | 1.4 | 1.4 | 0.9 | 0.0 |
| 45° | 20.3 | 10.8 | 3.8 | 1.7 | 1.5 | 0.9 | 0.0 |
| 42.5° | 27.4 | 13.6 | 4.3 | 2.1 | 1.5 | 1.0 | 0.0 |
| 40° | 34.4 | 16.4 | 5.7 | 2.6 | 1.5 | 1.0 | 0.0 |
| 37.5° | 41.4 | 19.4 | 7.9 | 3.1 | 1.6 | 1.0 | 0.0 |
| 35° | 48.3 | 24.1 | 10.2 | 3.7 | 1.7 | 1.1 | 0.0 |
| 32.5° | 55.6 | 29.6 | 12.5 | 4.4 | 1.7 | 1.1 | 0.0 |
| 30° | 63.7 | 34.9 | 14.8 | 5.1 | 1.8 | 1.1 | 0.0 |
| 27.5° | 71.7 | 40.0 | 17.4 | 5.9 | 1.8 | 1.2 | 0.0 |
| 25° | 79.3 | 45.0 | 20.0 | 6.6 | 1.9 | 1.2 | 0.0 |
| 22.5° | 86.6 | 49.9 | 22.6 | 7.4 | 2.0 | 1.2 | 0.0 |
| 20° | 93.6 | 54.6 | 25.1 | 8.3 | 2.1 | 1.2 | 0.0 |
| 17.5° | 100.1 | 59.0 | 27.5 | 9.1 | 2.1 | 1.2 | 0.0 |
| 15° | 106.0 | 63.1 | 29.8 | 9.9 | 2.2 | 1.3 | 0.0 |
| 12.5° | 111.4 | 67.0 | 31.9 | 10.7 | 2.3 | 1.3 | 0.0 |
| 10° | 116.4 | 70.5 | 34.0 | 11.5 | 2.3 | 1.3 | 0.0 |
| 7.5° | 120.8 | 73.6 | 35.8 | 12.3 | 2.4 | 1.3 | 0.0 |
| 5° | 124.7 | 76.5 | 37.6 | 13.1 | 2.5 | 1.3 | 0.0 |
| 2.5° | 128.0 | 78.9 | 39.1 | 13.8 | 2.5 | 1.3 | 0.0 |
| 0° | 130.7 | 81.0 | 40.5 | 14.4 | 2.6 | 1.3 | 0.0 |
| -2.5° | 134.3 | 83.6 | 42.4 | 15.3 | 3.0 | 1.4 | 0.0 |
| -5° | 137.2 | 85.7 | 44.0 | 16.1 | 3.4 | 1.5 | 0.0 |
| -7.5° | 139.5 | 87.4 | 45.4 | 16.9 | 3.8 | 1.5 | 0.0 |
| -10° | 141.2 | 88.7 | 46.5 | 17.5 | 4.1 | 1.6 | 0.0 |
| -12.5° | 142.1 | 89.6 | 47.4 | 18.1 | 4.5 | 1.7 | 0.0 |
| -15° | 142.4 | 90.0 | 47.9 | 18.6 | 4.8 | 1.7 | 0.0 |
| -17.5° | 142.0 | 89.9 | 48.2 | 18.9 | 5.1 | 1.8 | 0.0 |
| -20° | 141.6 | 89.4 | 48.1 | 19.1 | 5.4 | 1.8 | 0.0 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627202 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 141.7 | 88.4 | 47.7 | 19.3 | 5.6 | 1.9 | 0.0 |
| -25° | 141.0 | 88.1 | 47.0 | 19.3 | 5.8 | 1.9 | 0.0 |
| -27.5° | 139.7 | 87.7 | 45.9 | 19.1 | 6.0 | 2.0 | 0.0 |
| -30° | 137.6 | 86.8 | 44.6 | 18.9 | 6.1 | 2.0 | 0.0 |
| -32.5° | 134.9 | 85.3 | 44.0 | 18.5 | 6.2 | 2.0 | 0.0 |
| -35° | 132.2 | 83.3 | 43.1 | 17.9 | 6.3 | 2.0 | 0.0 |
| -37.5° | 129.2 | 81.1 | 41.8 | 17.3 | 6.3 | 2.0 | 0.0 |
| -40° | 125.5 | 79.1 | 40.1 | 16.4 | 6.3 | 2.0 | 0.0 |
| -42.5° | 121.1 | 76.6 | 38.9 | 15.7 | 6.3 | 1.9 | 0.0 |
| -45° | 115.9 | 73.6 | 38.2 | 15.1 | 6.1 | 1.9 | 0.0 |
| -47.5° | 110.1 | 70.1 | 37.0 | 14.3 | 6.0 | 1.8 | 0.0 |
| -50° | 104.9 | 66.2 | 35.5 | 14.0 | 5.8 | 1.8 | 0.0 |
| -52.5° | 99.4 | 61.7 | 33.6 | 13.8 | 5.6 | 1.7 | 0.0 |
| -55° | 93.3 | 58.1 | 31.2 | 13.5 | 5.3 | 1.7 | 0.0 |
| -57.5° | 86.6 | 54.1 | 28.5 | 12.9 | 5.0 | 1.6 | 0.0 |
| -60° | 79.4 | 49.7 | 25.6 | 12.2 | 4.7 | 1.5 | 0.0 |
| -62.5° | 72.4 | 44.7 | 23.8 | 11.3 | 4.4 | 1.4 | 0.0 |
| -65° | 64.8 | 39.2 | 21.8 | 10.3 | 4.1 | 1.3 | 0.0 |
| -67.5° | 56.5 | 34.3 | 19.5 | 9.2 | 3.7 | 1.2 | 0.0 |
| -70° | 47.6 | 30.1 | 16.9 | 7.9 | 3.4 | 1.1 | 0.0 |
| -72.5° | 40.5 | 25.5 | 14.2 | 7.0 | 3.0 | 0.9 | 0.0 |
| -75° | 33.2 | 20.7 | 11.3 | 6.1 | 2.6 | 0.8 | 0.0 |
| -77.5° | 25.6 | 15.6 | 9.3 | 5.1 | 2.2 | 0.7 | 0.0 |
| -80° | 17.7 | 11.9 | 7.6 | 4.2 | 1.8 | 0.6 | 0.0 |
| -82.5° | 13.1 | 9.0 | 5.7 | 3.2 | 1.3 | 0.4 | 0.0 |
| -85° | 8.8 | 6.1 | 3.8 | 2.1 | 0.9 | 0.3 | 0.0 |
| -87.5° | 4.4 | 3.0 | 1.9 | 1.1 | 0.5 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)