

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: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-740-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

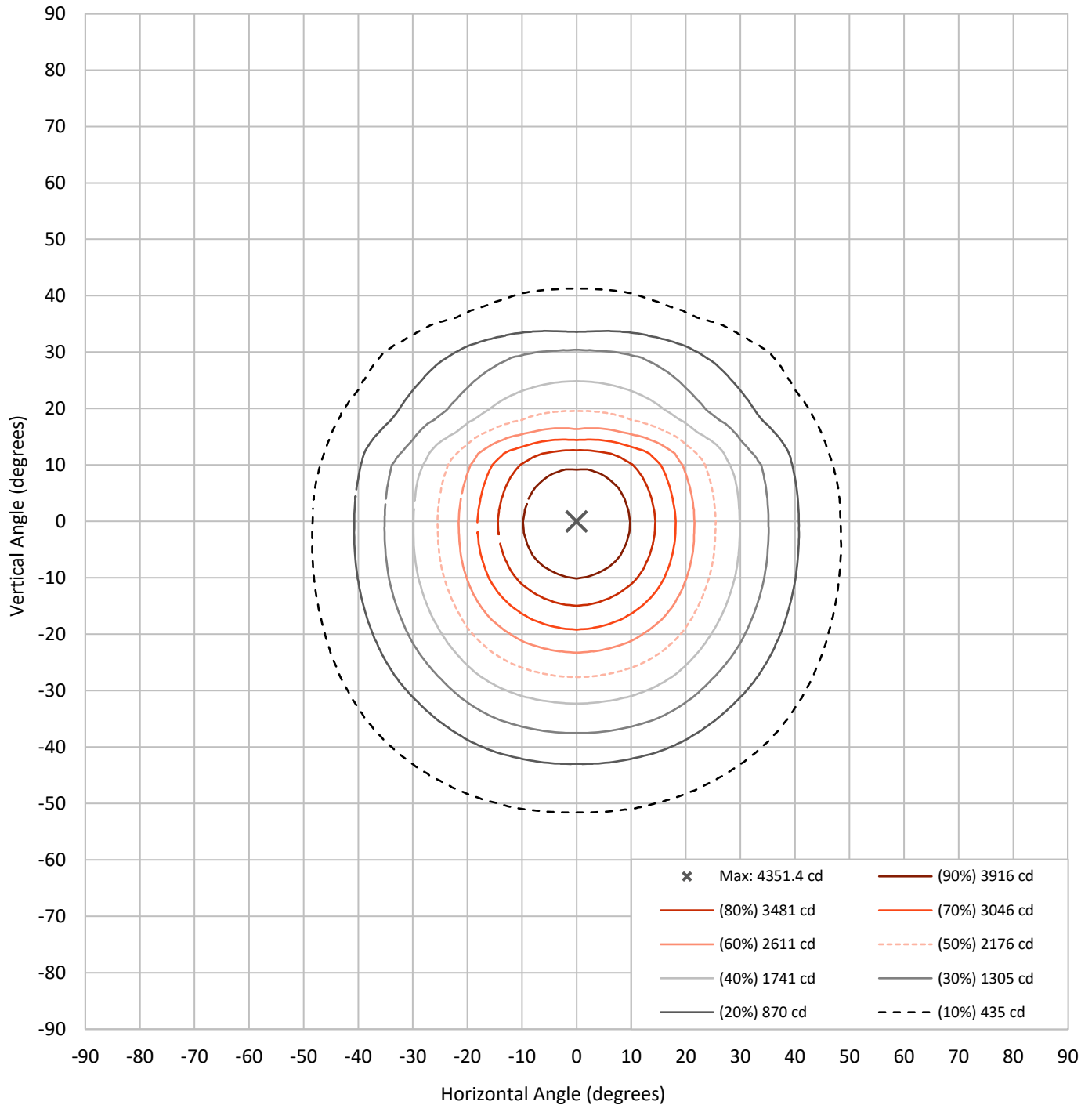
Summary

| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 3838.8 lumens | Max Intensity: | 4351.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 114.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 50.9°H x 47.1°V | Field Angle (10%): | 96.7°H x 92.9°V |
| Beam Lumens: | 1848.2 lumens | Field Lumens: | 3437.1 lumens |
| Beam Efficiency: | 48.1% | Field Efficiency: | 89.5% |
| Input Watts (W): | 33.5 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



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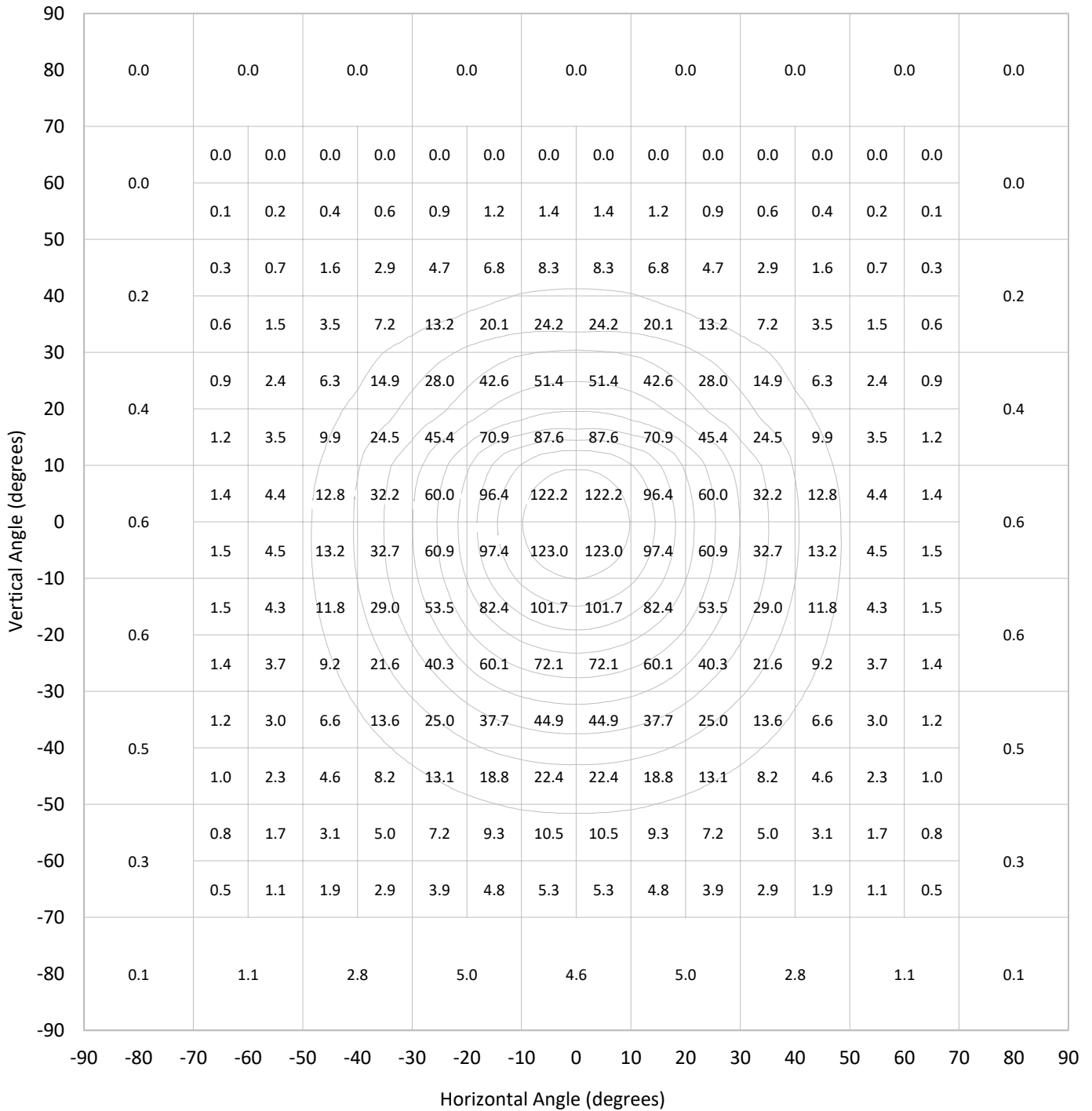
Iso-Candela Plot





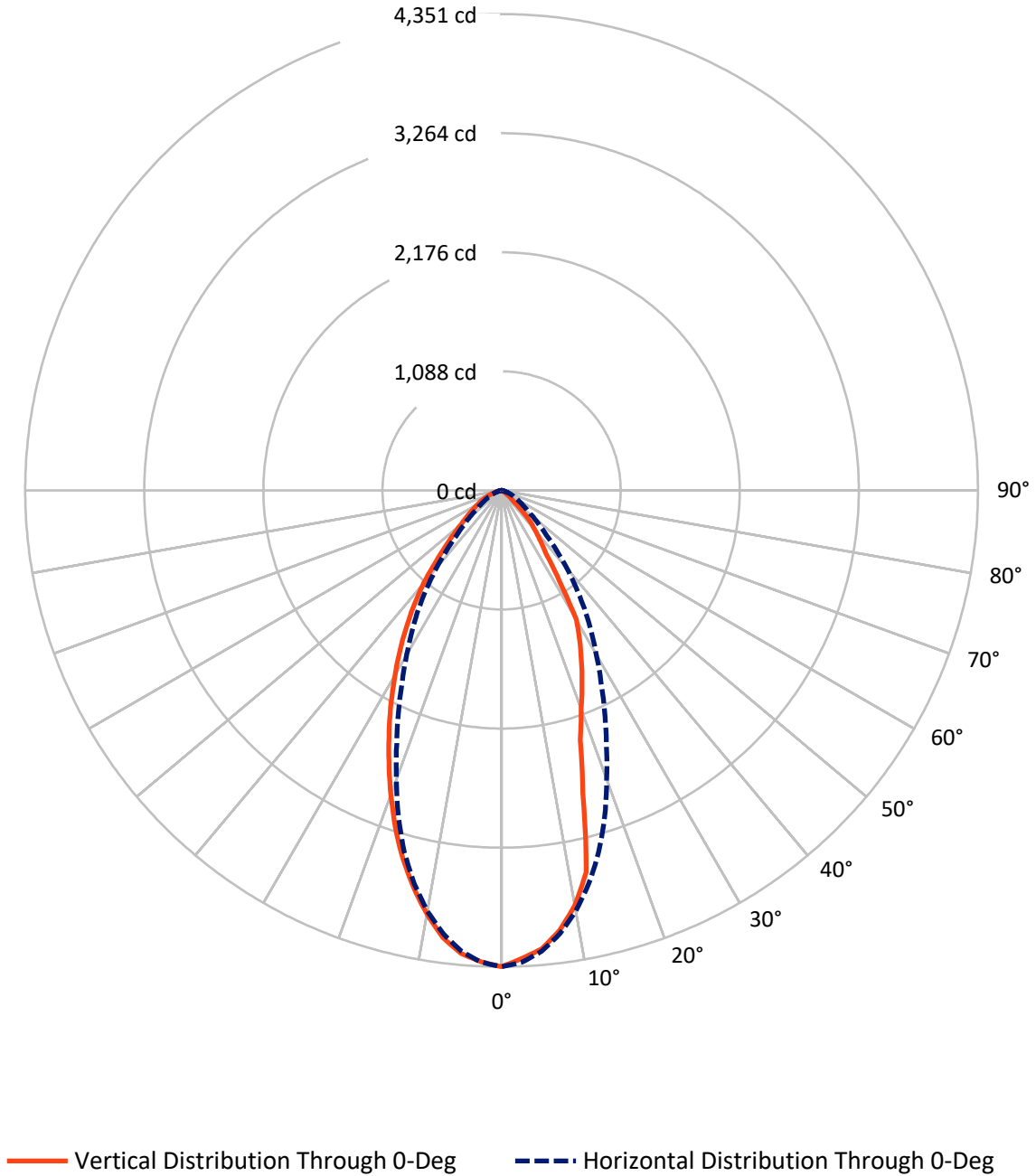
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Lumen Table



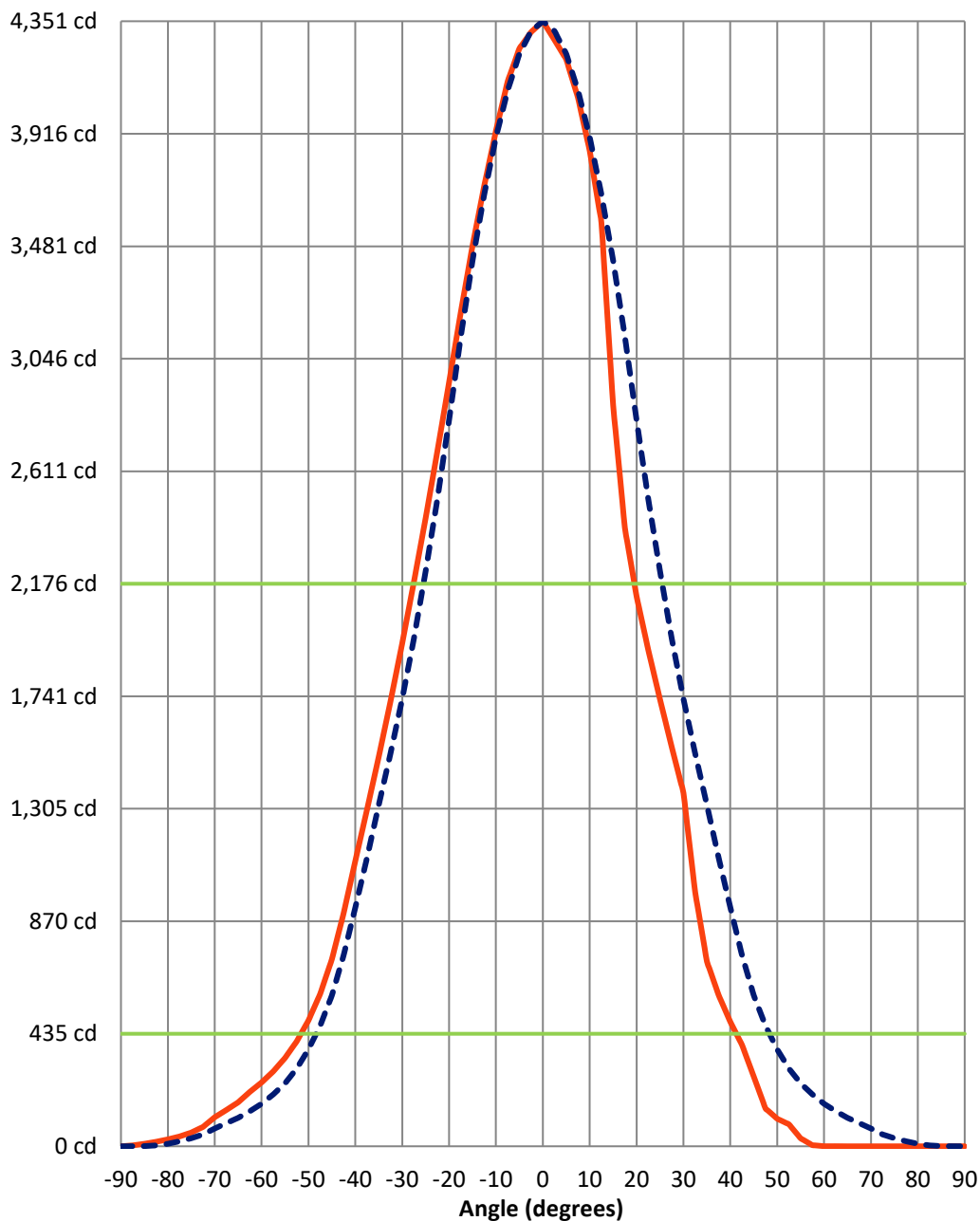
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CATALOG NUMBER: GFLD-SA1B-740-U-WR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 1848.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 3437.1
 Efficiency: 89.5%

Spill:
 Lumens: 401.8
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 85° | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| 82.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 75° | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 72.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 70° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 67.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| 65° | 0.0 | 0.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.4 | 0.5 | 0.6 |
| 62.5° | 0.0 | 0.1 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.6 | 0.8 | 1.3 |
| 60° | 0.0 | 0.1 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.6 | 0.7 | 2.0 | 2.2 |
| 57.5° | 0.0 | 0.2 | 0.3 | 0.3 | 0.4 | 0.6 | 0.8 | 0.8 | 2.0 | 3.5 | 3.8 |
| 55° | 0.0 | 0.2 | 0.3 | 0.3 | 0.5 | 0.7 | 1.3 | 1.2 | 3.7 | 5.2 | 5.9 |
| 52.5° | 0.0 | 0.2 | 0.3 | 0.3 | 0.6 | 0.8 | 1.8 | 2.9 | 5.6 | 7.8 | 8.4 |
| 50° | 0.0 | 0.2 | 0.3 | 0.3 | 0.7 | 1.4 | 2.3 | 4.8 | 7.8 | 10.6 | 12.8 |
| 47.5° | 0.0 | 0.2 | 0.3 | 0.3 | 0.8 | 1.9 | 3.1 | 6.8 | 10.7 | 13.7 | 17.3 |
| 45° | 0.0 | 0.2 | 0.3 | 0.4 | 0.9 | 2.6 | 4.8 | 8.7 | 13.6 | 17.7 | 21.9 |
| 42.5° | 0.0 | 0.2 | 0.3 | 0.5 | 1.0 | 3.2 | 6.5 | 11.0 | 16.5 | 21.7 | 26.8 |
| 40° | 0.0 | 0.2 | 0.4 | 0.6 | 1.3 | 3.9 | 8.2 | 13.5 | 19.5 | 25.6 | 32.0 |
| 37.5° | 0.0 | 0.2 | 0.4 | 0.7 | 1.9 | 4.6 | 9.8 | 16.0 | 22.7 | 29.6 | 37.4 |
| 35° | 0.0 | 0.2 | 0.4 | 0.9 | 2.4 | 5.7 | 11.5 | 18.4 | 26.0 | 34.3 | 43.1 |
| 32.5° | 0.0 | 0.3 | 0.4 | 1.0 | 2.9 | 7.0 | 13.2 | 20.8 | 29.3 | 39.2 | 49.7 |
| 30° | 0.0 | 0.3 | 0.4 | 1.2 | 3.5 | 8.3 | 15.2 | 23.3 | 32.6 | 44.2 | 56.2 |
| 27.5° | 0.0 | 0.3 | 0.4 | 1.4 | 4.1 | 9.5 | 17.0 | 25.9 | 36.2 | 49.3 | 62.8 |
| 25° | 0.0 | 0.3 | 0.4 | 1.5 | 4.7 | 10.7 | 18.8 | 28.6 | 40.3 | 54.7 | 69.4 |
| 22.5° | 0.0 | 0.3 | 0.5 | 1.7 | 5.4 | 11.8 | 20.6 | 31.1 | 44.4 | 60.2 | 76.1 |
| 20° | 0.0 | 0.3 | 0.5 | 1.9 | 5.9 | 13.0 | 22.2 | 33.6 | 48.4 | 65.6 | 82.5 |
| 17.5° | 0.0 | 0.3 | 0.5 | 2.1 | 6.5 | 14.0 | 23.8 | 35.9 | 52.4 | 70.8 | 88.6 |
| 15° | 0.0 | 0.3 | 0.5 | 2.3 | 7.1 | 15.0 | 25.2 | 38.0 | 56.2 | 75.8 | 94.2 |
| 12.5° | 0.0 | 0.3 | 0.5 | 2.5 | 7.6 | 15.9 | 26.5 | 39.8 | 59.3 | 80.6 | 99.6 |
| 10° | 0.0 | 0.3 | 0.5 | 2.7 | 8.1 | 16.8 | 27.7 | 41.3 | 61.8 | 83.4 | 103.8 |
| 7.5° | 0.0 | 0.3 | 0.6 | 2.9 | 8.5 | 17.5 | 28.7 | 42.7 | 64.1 | 85.6 | 105.9 |
| 5° | 0.0 | 0.3 | 0.6 | 3.1 | 8.9 | 18.2 | 29.6 | 43.9 | 65.9 | 87.3 | 107.7 |
| 2.5° | 0.0 | 0.3 | 0.6 | 3.2 | 9.3 | 18.8 | 30.4 | 44.9 | 67.5 | 88.6 | 109.1 |
| 0° | 0.0 | 0.3 | 0.6 | 3.4 | 9.6 | 19.3 | 31.1 | 45.7 | 68.7 | 89.5 | 110.0 |
| -2.5° | 0.0 | 0.3 | 0.7 | 3.6 | 10.0 | 19.9 | 31.9 | 47.0 | 70.0 | 90.8 | 111.5 |
| -5° | 0.0 | 0.3 | 0.8 | 3.8 | 10.4 | 20.4 | 32.6 | 48.1 | 71.0 | 91.7 | 112.5 |
| -7.5° | 0.0 | 0.4 | 0.9 | 4.0 | 10.8 | 20.8 | 33.2 | 49.0 | 71.7 | 92.3 | 113.1 |
| -10° | 0.0 | 0.4 | 1.0 | 4.1 | 11.0 | 21.1 | 33.6 | 49.6 | 71.9 | 92.6 | 113.3 |
| -12.5° | 0.0 | 0.4 | 1.0 | 4.3 | 11.2 | 21.3 | 33.8 | 49.9 | 71.8 | 92.4 | 112.8 |
| -15° | 0.0 | 0.4 | 1.1 | 4.4 | 11.4 | 21.4 | 33.9 | 50.0 | 71.3 | 91.6 | 111.7 |
| -17.5° | 0.0 | 0.4 | 1.2 | 4.5 | 11.4 | 21.4 | 33.8 | 49.9 | 70.4 | 90.5 | 110.2 |
| -20° | 0.0 | 0.4 | 1.3 | 4.5 | 11.4 | 21.3 | 33.7 | 49.7 | 69.2 | 89.1 | 108.3 |

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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 0.4 | 1.3 | 4.6 | 11.3 | 21.1 | 33.7 | 49.2 | 67.9 | 87.5 | 105.9 |
| -25° | 0.0 | 0.4 | 1.4 | 4.6 | 11.2 | 21.0 | 33.6 | 48.6 | 66.3 | 85.6 | 103.1 |
| -27.5° | 0.0 | 0.5 | 1.4 | 4.5 | 10.9 | 20.9 | 33.2 | 47.7 | 64.6 | 83.5 | 100.6 |
| -30° | 0.0 | 0.5 | 1.4 | 4.5 | 10.6 | 20.7 | 32.8 | 46.6 | 63.1 | 81.1 | 97.8 |
| -32.5° | 0.0 | 0.5 | 1.5 | 4.4 | 10.5 | 20.3 | 32.1 | 45.8 | 61.6 | 78.5 | 94.9 |
| -35° | 0.0 | 0.5 | 1.5 | 4.2 | 10.2 | 19.8 | 31.5 | 44.8 | 59.8 | 75.9 | 91.8 |
| -37.5° | 0.0 | 0.5 | 1.5 | 4.1 | 9.9 | 19.3 | 30.8 | 43.7 | 57.9 | 73.3 | 88.1 |
| -40° | 0.0 | 0.5 | 1.5 | 3.9 | 9.5 | 18.8 | 29.9 | 42.3 | 55.8 | 70.8 | 84.2 |
| -42.5° | 0.0 | 0.4 | 1.5 | 3.7 | 9.2 | 18.2 | 28.8 | 40.8 | 53.9 | 67.5 | 80.1 |
| -45° | 0.0 | 0.4 | 1.4 | 3.6 | 9.1 | 17.5 | 27.6 | 39.2 | 51.9 | 64.0 | 75.8 |
| -47.5° | 0.0 | 0.4 | 1.4 | 3.4 | 8.8 | 16.7 | 26.2 | 37.5 | 49.7 | 60.4 | 71.7 |
| -50° | 0.0 | 0.4 | 1.4 | 3.3 | 8.4 | 15.7 | 24.9 | 35.7 | 46.8 | 57.1 | 67.6 |
| -52.5° | 0.0 | 0.4 | 1.3 | 3.3 | 8.0 | 14.7 | 23.6 | 33.6 | 43.9 | 53.7 | 63.4 |
| -55° | 0.0 | 0.4 | 1.2 | 3.2 | 7.4 | 13.8 | 22.2 | 31.4 | 40.9 | 50.1 | 59.4 |
| -57.5° | 0.0 | 0.4 | 1.2 | 3.1 | 6.8 | 12.9 | 20.6 | 29.5 | 37.7 | 46.5 | 55.3 |
| -60° | 0.0 | 0.3 | 1.1 | 2.9 | 6.1 | 11.8 | 18.9 | 27.1 | 34.5 | 42.7 | 51.1 |
| -62.5° | 0.0 | 0.3 | 1.0 | 2.7 | 5.7 | 10.6 | 17.2 | 24.5 | 31.3 | 38.8 | 46.7 |
| -65° | 0.0 | 0.3 | 0.9 | 2.4 | 5.2 | 9.3 | 15.4 | 21.8 | 27.9 | 34.8 | 42.2 |
| -67.5° | 0.0 | 0.3 | 0.9 | 2.1 | 4.6 | 8.2 | 13.4 | 19.1 | 24.3 | 30.4 | 37.2 |
| -70° | 0.0 | 0.2 | 0.8 | 1.8 | 4.0 | 7.1 | 11.3 | 16.2 | 20.9 | 25.9 | 31.9 |
| -72.5° | 0.0 | 0.2 | 0.7 | 1.6 | 3.3 | 6.1 | 9.6 | 13.2 | 17.4 | 21.8 | 26.4 |
| -75° | 0.0 | 0.2 | 0.6 | 1.4 | 2.6 | 4.9 | 7.9 | 10.8 | 13.8 | 17.5 | 21.5 |
| -77.5° | 0.0 | 0.2 | 0.5 | 1.2 | 2.2 | 3.7 | 6.1 | 8.5 | 10.9 | 13.5 | 16.5 |
| -80° | 0.0 | 0.1 | 0.4 | 1.0 | 1.8 | 2.8 | 4.2 | 6.1 | 8.1 | 10.2 | 12.4 |
| -82.5° | 0.0 | 0.1 | 0.3 | 0.7 | 1.3 | 2.1 | 3.1 | 4.1 | 5.3 | 6.9 | 8.6 |
| -85° | 0.0 | 0.1 | 0.2 | 0.5 | 0.9 | 1.4 | 2.1 | 2.7 | 3.5 | 4.3 | 5.2 |
| -87.5° | 0.0 | 0.0 | 0.1 | 0.2 | 0.5 | 0.7 | 1.0 | 1.4 | 1.7 | 2.2 | 2.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 75° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 72.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 70° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 |
| 67.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 |
| 65° | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 62.5° | 0.4 | 0.5 | 0.7 | 1.1 | 0.8 | 0.3 | 0.6 | 0.7 | 0.5 | 0.4 | 0.4 |
| 60° | 1.3 | 0.9 | 2.4 | 3.3 | 2.2 | 1.2 | 1.4 | 2.8 | 2.3 | 0.6 | 1.6 |
| 57.5° | 2.7 | 3.4 | 6.0 | 6.3 | 4.9 | 3.3 | 7.2 | 8.0 | 6.6 | 4.2 | 6.0 |
| 55° | 5.7 | 8.0 | 10.2 | 10.0 | 10.1 | 12.7 | 14.9 | 14.7 | 12.9 | 17.8 | 22.4 |
| 52.5° | 10.8 | 13.2 | 14.6 | 15.9 | 19.6 | 22.0 | 22.7 | 24.1 | 29.1 | 35.2 | 36.3 |
| 50° | 15.9 | 18.3 | 20.2 | 25.0 | 28.7 | 30.6 | 32.4 | 37.0 | 44.6 | 48.8 | 49.4 |
| 47.5° | 21.0 | 23.8 | 28.7 | 33.8 | 37.4 | 40.3 | 43.4 | 53.9 | 62.4 | 66.0 | 67.3 |
| 45° | 26.3 | 31.1 | 37.3 | 42.6 | 46.7 | 50.6 | 60.6 | 75.0 | 81.0 | 86.4 | 100.3 |
| 42.5° | 31.9 | 39.1 | 46.0 | 51.5 | 56.2 | 64.4 | 78.3 | 92.2 | 100.9 | 112.4 | 129.1 |
| 40° | 38.9 | 47.1 | 55.0 | 60.7 | 66.5 | 78.9 | 96.1 | 110.9 | 120.0 | 135.5 | 154.5 |
| 37.5° | 46.1 | 55.6 | 64.2 | 70.2 | 78.4 | 95.1 | 115.4 | 133.1 | 144.4 | 157.0 | 187.5 |
| 35° | 53.2 | 64.4 | 73.2 | 81.2 | 91.4 | 114.4 | 139.3 | 159.0 | 173.0 | 194.6 | 233.3 |
| 32.5° | 60.8 | 73.2 | 82.2 | 93.1 | 109.9 | 135.6 | 166.3 | 188.1 | 211.3 | 242.4 | 304.4 |
| 30° | 68.9 | 81.6 | 91.9 | 105.0 | 127.4 | 157.5 | 193.1 | 220.5 | 252.0 | 302.5 | 369.3 |
| 27.5° | 77.0 | 89.8 | 102.6 | 119.3 | 143.9 | 176.4 | 213.5 | 256.8 | 297.4 | 353.9 | 426.9 |
| 25° | 84.7 | 98.3 | 113.1 | 133.2 | 159.9 | 193.9 | 234.4 | 284.4 | 337.3 | 401.9 | 487.6 |
| 22.5° | 92.1 | 106.9 | 124.2 | 145.8 | 173.4 | 210.5 | 258.8 | 317.5 | 381.1 | 448.0 | 546.6 |
| 20° | 99.3 | 116.4 | 136.3 | 160.6 | 185.8 | 225.8 | 282.7 | 353.7 | 433.5 | 525.2 | 621.7 |
| 17.5° | 106.5 | 125.9 | 148.8 | 175.8 | 206.3 | 247.3 | 307.2 | 391.7 | 488.8 | 608.2 | 727.0 |
| 15° | 113.5 | 135.2 | 161.0 | 190.9 | 227.1 | 276.0 | 344.0 | 436.9 | 554.3 | 697.2 | 838.0 |
| 12.5° | 120.2 | 144.2 | 172.6 | 205.6 | 247.2 | 303.1 | 378.8 | 479.0 | 613.6 | 784.2 | 957.2 |
| 10° | 126.8 | 152.8 | 183.7 | 219.7 | 266.4 | 328.2 | 409.5 | 515.4 | 658.2 | 834.1 | 1026.4 |
| 7.5° | 130.1 | 158.6 | 193.1 | 233.2 | 284.6 | 351.3 | 436.2 | 546.1 | 693.1 | 874.2 | 1067.1 |
| 5° | 132.4 | 161.3 | 196.6 | 238.6 | 294.6 | 367.0 | 456.6 | 571.3 | 718.9 | 904.4 | 1094.6 |
| 2.5° | 134.2 | 163.2 | 199.2 | 241.7 | 298.6 | 372.3 | 463.4 | 580.0 | 732.7 | 920.1 | 1110.6 |
| 0° | 135.5 | 164.4 | 200.8 | 243.4 | 300.6 | 374.8 | 466.5 | 583.7 | 738.5 | 923.7 | 1116.4 |
| -2.5° | 136.8 | 166.0 | 202.5 | 246.1 | 303.4 | 378.3 | 469.9 | 586.3 | 742.9 | 924.7 | 1119.6 |
| -5° | 137.6 | 166.9 | 203.1 | 247.4 | 304.3 | 378.9 | 469.7 | 583.9 | 739.4 | 917.5 | 1112.7 |
| -7.5° | 137.8 | 167.0 | 202.7 | 247.1 | 303.2 | 376.0 | 464.7 | 576.6 | 727.3 | 902.8 | 1095.9 |
| -10° | 137.5 | 166.3 | 201.4 | 244.9 | 299.7 | 369.9 | 455.8 | 563.9 | 707.5 | 878.5 | 1067.5 |
| -12.5° | 136.5 | 164.7 | 199.0 | 241.2 | 294.2 | 361.2 | 443.3 | 545.9 | 680.0 | 844.8 | 1027.5 |
| -15° | 134.9 | 162.4 | 195.6 | 236.1 | 286.6 | 350.0 | 427.3 | 522.5 | 644.5 | 802.0 | 977.7 |
| -17.5° | 132.6 | 159.3 | 191.0 | 229.7 | 276.9 | 336.4 | 407.8 | 495.2 | 606.3 | 754.1 | 922.3 |
| -20° | 129.8 | 155.5 | 185.4 | 221.8 | 265.8 | 322.2 | 389.8 | 471.0 | 570.6 | 699.4 | 856.9 |

Classified

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Scaled Data Report



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-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° | 126.4 | 150.9 | 179.5 | 214.3 | 255.9 | 307.3 | 369.6 | 443.5 | 530.5 | 636.1 | 785.5 |
| -25° | 122.8 | 146.6 | 173.7 | 206.0 | 244.6 | 290.5 | 346.6 | 413.9 | 492.7 | 589.3 | 712.8 |
| -27.5° | 119.3 | 141.5 | 167.1 | 196.3 | 231.9 | 273.2 | 324.9 | 386.2 | 456.5 | 538.7 | 639.3 |
| -30° | 115.4 | 135.9 | 159.7 | 186.2 | 219.7 | 258.1 | 302.8 | 355.3 | 417.8 | 492.0 | 579.5 |
| -32.5° | 111.1 | 129.9 | 152.6 | 177.5 | 206.7 | 241.6 | 280.3 | 327.8 | 382.1 | 443.4 | 519.0 |
| -35° | 106.8 | 124.7 | 145.3 | 168.1 | 192.8 | 225.4 | 260.9 | 300.4 | 346.6 | 400.8 | 461.3 |
| -37.5° | 102.7 | 119.1 | 137.5 | 158.7 | 181.9 | 209.0 | 240.4 | 276.0 | 315.8 | 358.9 | 411.1 |
| -40° | 98.1 | 113.1 | 130.4 | 149.7 | 170.2 | 193.7 | 222.0 | 252.2 | 286.4 | 324.4 | 364.7 |
| -42.5° | 93.1 | 107.5 | 123.3 | 139.9 | 158.7 | 179.7 | 203.2 | 230.8 | 259.3 | 291.1 | 326.3 |
| -45° | 88.3 | 101.5 | 115.9 | 131.1 | 146.9 | 165.5 | 186.8 | 209.8 | 235.0 | 261.0 | 290.5 |
| -47.5° | 83.2 | 95.2 | 108.6 | 121.8 | 135.9 | 151.7 | 169.8 | 190.7 | 211.7 | 234.8 | 257.8 |
| -50° | 78.0 | 89.3 | 100.6 | 112.9 | 125.5 | 138.6 | 153.9 | 172.0 | 191.1 | 210.3 | 230.4 |
| -52.5° | 73.4 | 83.2 | 93.4 | 103.9 | 115.4 | 127.1 | 139.8 | 154.7 | 171.4 | 188.4 | 205.7 |
| -55° | 68.7 | 77.7 | 86.2 | 95.6 | 105.5 | 116.1 | 127.4 | 139.9 | 152.5 | 167.9 | 182.9 |
| -57.5° | 64.1 | 72.1 | 79.5 | 87.5 | 96.3 | 105.3 | 115.5 | 126.1 | 137.6 | 149.2 | 161.5 |
| -60° | 59.5 | 66.3 | 73.0 | 79.9 | 87.3 | 95.3 | 103.5 | 112.8 | 122.7 | 132.8 | 143.4 |
| -62.5° | 54.7 | 60.2 | 66.1 | 72.5 | 79.0 | 85.1 | 92.0 | 99.6 | 107.8 | 116.4 | 125.4 |
| -65° | 49.4 | 53.9 | 58.8 | 64.4 | 70.5 | 75.5 | 80.7 | 86.5 | 93.2 | 100.3 | 107.4 |
| -67.5° | 43.7 | 47.7 | 51.7 | 55.9 | 60.8 | 65.3 | 69.6 | 74.2 | 79.1 | 85.0 | 90.6 |
| -70° | 37.4 | 41.4 | 44.9 | 48.3 | 51.5 | 54.7 | 58.3 | 61.9 | 66.0 | 71.2 | 76.3 |
| -72.5° | 30.9 | 34.7 | 38.0 | 40.9 | 43.1 | 45.0 | 47.3 | 49.9 | 53.8 | 58.7 | 63.2 |
| -75° | 25.0 | 28.1 | 31.2 | 33.9 | 35.4 | 36.0 | 36.4 | 37.8 | 41.7 | 46.7 | 51.1 |
| -77.5° | 19.4 | 22.1 | 24.7 | 27.1 | 28.1 | 28.5 | 28.7 | 28.7 | 31.6 | 35.8 | 40.3 |
| -80° | 14.3 | 16.2 | 18.3 | 20.4 | 21.0 | 21.2 | 21.2 | 21.1 | 23.5 | 26.5 | 29.8 |
| -82.5° | 9.9 | 11.3 | 12.7 | 14.1 | 14.3 | 14.2 | 13.9 | 13.7 | 15.7 | 17.9 | 20.1 |
| -85° | 5.8 | 6.3 | 7.2 | 8.0 | 8.2 | 8.1 | 8.0 | 7.7 | 8.8 | 10.0 | 11.3 |
| -87.5° | 2.9 | 3.2 | 3.5 | 3.7 | 3.6 | 3.5 | 3.3 | 3.1 | 3.4 | 3.7 | 4.0 |
| -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: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 60° | 1.7 | 1.0 | 1.0 | 1.3 | 1.1 | 0.5 | 1.0 | 1.3 | 1.2 | 0.9 | 0.8 |
| 57.5° | 8.9 | 7.5 | 5.2 | 8.7 | 9.0 | 6.3 | 6.8 | 8.9 | 8.6 | 6.6 | 6.6 |
| 55° | 22.5 | 22.8 | 24.5 | 26.7 | 28.3 | 29.1 | 29.7 | 33.1 | 36.6 | 40.1 | 41.9 |
| 52.5° | 37.1 | 41.5 | 46.8 | 50.4 | 52.9 | 58.0 | 65.2 | 68.5 | 71.7 | 75.3 | 78.0 |
| 50° | 54.7 | 62.2 | 67.7 | 68.5 | 77.0 | 82.5 | 83.8 | 90.0 | 96.7 | 100.9 | 103.9 |
| 47.5° | 81.3 | 90.9 | 95.7 | 98.7 | 109.0 | 120.4 | 120.4 | 123.9 | 140.8 | 149.6 | 153.8 |
| 45° | 117.2 | 125.1 | 133.5 | 155.2 | 175.1 | 181.5 | 195.0 | 213.4 | 225.4 | 241.8 | 259.9 |
| 42.5° | 147.7 | 162.6 | 183.6 | 207.4 | 227.4 | 244.1 | 264.3 | 286.4 | 312.9 | 337.8 | 359.3 |
| 40° | 177.9 | 196.4 | 222.3 | 248.3 | 273.5 | 296.6 | 329.1 | 357.5 | 388.8 | 423.0 | 451.6 |
| 37.5° | 217.3 | 241.0 | 267.7 | 300.6 | 339.8 | 365.4 | 410.0 | 450.8 | 486.1 | 527.5 | 553.0 |
| 35° | 277.8 | 308.6 | 332.4 | 398.7 | 446.3 | 476.3 | 529.2 | 596.2 | 622.0 | 674.2 | 698.9 |
| 32.5° | 353.9 | 394.9 | 457.3 | 545.1 | 608.8 | 664.0 | 743.0 | 811.0 | 869.0 | 921.4 | 975.9 |
| 30° | 439.3 | 502.6 | 594.6 | 711.3 | 776.0 | 853.3 | 960.2 | 1040.9 | 1131.8 | 1231.6 | 1266.6 |
| 27.5° | 516.9 | 611.7 | 718.5 | 813.1 | 906.0 | 1002.3 | 1107.3 | 1210.8 | 1309.3 | 1392.4 | 1448.1 |
| 25° | 588.7 | 703.6 | 807.5 | 908.4 | 1009.1 | 1117.5 | 1236.3 | 1353.8 | 1462.1 | 1547.6 | 1612.6 |
| 22.5° | 662.9 | 784.2 | 895.3 | 997.7 | 1114.9 | 1237.8 | 1364.1 | 1498.9 | 1622.2 | 1710.9 | 1781.6 |
| 20° | 732.6 | 867.6 | 994.2 | 1110.9 | 1221.7 | 1363.5 | 1508.9 | 1651.9 | 1786.2 | 1891.8 | 1973.4 |
| 17.5° | 843.3 | 960.4 | 1115.3 | 1266.8 | 1391.6 | 1521.9 | 1716.2 | 1863.8 | 2012.8 | 2139.3 | 2225.8 |
| 15° | 979.2 | 1108.0 | 1267.9 | 1476.0 | 1647.0 | 1796.2 | 1997.0 | 2237.1 | 2412.8 | 2574.3 | 2685.1 |
| 12.5° | 1115.2 | 1260.8 | 1433.8 | 1668.1 | 1911.4 | 2087.3 | 2330.9 | 2635.1 | 2839.7 | 3089.8 | 3213.0 |
| 10° | 1219.4 | 1402.3 | 1580.5 | 1794.2 | 2028.0 | 2278.4 | 2541.0 | 2825.6 | 3099.0 | 3313.7 | 3505.6 |
| 7.5° | 1261.4 | 1456.2 | 1662.5 | 1880.6 | 2114.3 | 2372.7 | 2652.6 | 2948.7 | 3230.1 | 3469.9 | 3680.8 |
| 5° | 1292.8 | 1492.4 | 1700.0 | 1923.0 | 2172.8 | 2442.7 | 2726.7 | 3037.7 | 3325.0 | 3582.0 | 3797.8 |
| 2.5° | 1312.7 | 1514.2 | 1720.9 | 1947.6 | 2210.4 | 2488.3 | 2781.4 | 3100.6 | 3392.3 | 3656.9 | 3872.0 |
| 0° | 1320.3 | 1518.9 | 1730.6 | 1964.0 | 2224.2 | 2502.7 | 2808.5 | 3131.4 | 3425.5 | 3681.3 | 3902.6 |
| -2.5° | 1321.4 | 1514.5 | 1731.3 | 1963.6 | 2212.4 | 2493.5 | 2803.1 | 3123.3 | 3411.4 | 3666.2 | 3889.4 |
| -5° | 1311.0 | 1504.1 | 1721.0 | 1949.8 | 2199.0 | 2478.0 | 2774.3 | 3083.7 | 3358.4 | 3606.4 | 3821.3 |
| -7.5° | 1290.0 | 1482.5 | 1694.6 | 1918.2 | 2160.7 | 2431.3 | 2715.8 | 3003.5 | 3273.0 | 3510.9 | 3716.0 |
| -10° | 1258.7 | 1447.3 | 1652.0 | 1869.9 | 2099.3 | 2356.7 | 2628.0 | 2902.9 | 3155.6 | 3375.6 | 3565.3 |
| -12.5° | 1216.5 | 1400.7 | 1596.2 | 1804.2 | 2017.8 | 2263.1 | 2519.3 | 2777.5 | 3007.8 | 3208.6 | 3378.8 |
| -15° | 1161.6 | 1341.5 | 1530.9 | 1727.5 | 1934.7 | 2156.6 | 2386.5 | 2623.2 | 2835.7 | 3013.7 | 3169.2 |
| -17.5° | 1097.0 | 1271.5 | 1451.3 | 1633.5 | 1830.1 | 2038.3 | 2251.7 | 2464.3 | 2645.5 | 2803.6 | 2945.8 |
| -20° | 1025.0 | 1193.0 | 1363.8 | 1533.7 | 1712.1 | 1904.6 | 2101.7 | 2288.5 | 2446.8 | 2590.5 | 2720.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-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° | 944.2 | 1105.0 | 1268.7 | 1427.8 | 1588.6 | 1762.9 | 1938.9 | 2107.8 | 2256.0 | 2378.9 | 2492.0 |
| -25° | 857.7 | 1006.3 | 1160.9 | 1310.0 | 1458.1 | 1614.3 | 1774.2 | 1929.5 | 2059.9 | 2166.6 | 2260.1 |
| -27.5° | 770.5 | 906.3 | 1042.5 | 1182.9 | 1319.7 | 1464.0 | 1608.7 | 1742.9 | 1859.9 | 1958.1 | 2036.7 |
| -30° | 679.0 | 800.3 | 924.7 | 1051.7 | 1182.4 | 1314.3 | 1445.1 | 1562.6 | 1664.8 | 1751.2 | 1819.1 |
| -32.5° | 602.8 | 695.1 | 804.8 | 920.1 | 1042.6 | 1162.8 | 1276.6 | 1383.7 | 1479.9 | 1555.4 | 1613.0 |
| -35° | 529.8 | 608.0 | 690.2 | 792.2 | 897.4 | 1008.1 | 1112.7 | 1208.3 | 1294.1 | 1360.1 | 1414.2 |
| -37.5° | 467.1 | 528.9 | 598.4 | 671.3 | 759.5 | 850.9 | 945.4 | 1035.3 | 1111.8 | 1169.3 | 1217.7 |
| -40° | 412.8 | 461.6 | 517.1 | 574.9 | 639.8 | 705.5 | 787.8 | 863.6 | 926.1 | 979.8 | 1023.6 |
| -42.5° | 363.7 | 404.9 | 445.9 | 493.3 | 542.3 | 595.1 | 652.8 | 708.9 | 756.8 | 801.8 | 839.0 |
| -45° | 321.3 | 354.2 | 386.9 | 423.5 | 459.5 | 502.4 | 543.7 | 580.5 | 619.3 | 653.0 | 679.5 |
| -47.5° | 284.3 | 309.9 | 338.0 | 365.4 | 394.2 | 426.6 | 457.3 | 485.3 | 513.7 | 538.4 | 558.1 |
| -50° | 251.4 | 272.6 | 295.5 | 317.1 | 340.4 | 364.1 | 386.7 | 409.0 | 430.6 | 449.3 | 463.9 |
| -52.5° | 222.5 | 241.1 | 258.9 | 276.1 | 294.7 | 312.2 | 328.6 | 347.0 | 363.9 | 378.7 | 388.6 |
| -55° | 198.0 | 213.1 | 227.7 | 242.1 | 256.1 | 269.4 | 282.5 | 296.8 | 309.8 | 321.6 | 329.0 |
| -57.5° | 175.0 | 187.8 | 200.2 | 211.9 | 223.1 | 233.6 | 244.7 | 255.6 | 265.7 | 274.6 | 280.3 |
| -60° | 154.0 | 164.5 | 175.2 | 184.8 | 193.7 | 202.2 | 211.5 | 220.3 | 228.4 | 235.2 | 239.2 |
| -62.5° | 134.8 | 144.3 | 152.2 | 159.7 | 167.3 | 174.9 | 181.5 | 188.0 | 194.3 | 199.5 | 203.0 |
| -65° | 114.7 | 122.7 | 129.4 | 135.5 | 141.0 | 146.9 | 152.5 | 157.6 | 162.1 | 165.5 | 167.7 |
| -67.5° | 96.7 | 102.6 | 108.0 | 112.8 | 117.7 | 122.4 | 126.8 | 130.7 | 134.1 | 136.5 | 138.0 |
| -70° | 81.1 | 85.6 | 90.0 | 94.4 | 98.8 | 102.5 | 105.6 | 108.5 | 111.1 | 112.2 | 112.7 |
| -72.5° | 67.4 | 71.4 | 75.3 | 79.1 | 82.8 | 85.6 | 88.0 | 90.1 | 92.0 | 90.4 | 87.5 |
| -75° | 55.0 | 58.5 | 62.1 | 65.5 | 68.7 | 70.9 | 72.6 | 74.2 | 75.6 | 72.1 | 67.2 |
| -77.5° | 44.8 | 47.9 | 50.6 | 53.2 | 55.9 | 57.3 | 58.4 | 59.4 | 60.4 | 56.5 | 51.5 |
| -80° | 33.2 | 35.7 | 38.0 | 40.2 | 42.4 | 43.3 | 43.8 | 44.1 | 44.3 | 40.9 | 36.9 |
| -82.5° | 22.5 | 23.7 | 25.0 | 26.3 | 27.6 | 28.3 | 28.9 | 29.3 | 29.6 | 27.2 | 24.4 |
| -85° | 12.6 | 13.0 | 13.3 | 13.6 | 13.8 | 14.2 | 14.7 | 15.0 | 15.4 | 14.2 | 13.0 |
| -87.5° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.1 | 3.8 |
| -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: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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 | 0.0 | 0.1 |
| 62.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| 60° | 0.6 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.8 | 0.9 | 1.2 | 1.3 |
| 57.5° | 6.2 | 5.4 | 4.9 | 4.4 | 4.9 | 5.4 | 6.2 | 6.6 | 6.6 | 8.6 | 8.9 |
| 55° | 41.1 | 38.3 | 34.9 | 30.8 | 34.9 | 38.3 | 41.1 | 41.9 | 40.1 | 36.6 | 33.1 |
| 52.5° | 80.7 | 83.4 | 85.0 | 84.9 | 85.0 | 83.4 | 80.7 | 78.0 | 75.3 | 71.7 | 68.5 |
| 50° | 106.3 | 107.8 | 107.8 | 106.6 | 107.8 | 107.8 | 106.3 | 103.9 | 100.9 | 96.7 | 90.0 |
| 47.5° | 155.7 | 153.7 | 150.2 | 146.4 | 150.2 | 153.7 | 155.7 | 153.8 | 149.6 | 140.8 | 123.9 |
| 45° | 271.7 | 278.3 | 277.8 | 269.5 | 277.8 | 278.3 | 271.7 | 259.9 | 241.8 | 225.4 | 213.4 |
| 42.5° | 371.4 | 381.2 | 388.1 | 391.6 | 388.1 | 381.2 | 371.4 | 359.3 | 337.8 | 312.9 | 286.4 |
| 40° | 467.7 | 477.2 | 481.4 | 481.1 | 481.4 | 477.2 | 467.7 | 451.6 | 423.0 | 388.8 | 357.5 |
| 37.5° | 569.6 | 581.8 | 587.8 | 585.0 | 587.8 | 581.8 | 569.6 | 553.0 | 527.5 | 486.1 | 450.8 |
| 35° | 709.6 | 721.1 | 721.3 | 715.5 | 721.3 | 721.1 | 709.6 | 698.9 | 674.2 | 622.0 | 596.2 |
| 32.5° | 1019.2 | 1023.0 | 993.5 | 983.1 | 993.5 | 1023.0 | 1019.2 | 975.9 | 921.4 | 869.0 | 811.0 |
| 30° | 1301.4 | 1328.6 | 1353.9 | 1366.6 | 1353.9 | 1328.6 | 1301.4 | 1266.6 | 1231.6 | 1131.8 | 1040.9 |
| 27.5° | 1490.2 | 1522.9 | 1543.1 | 1544.4 | 1543.1 | 1522.9 | 1490.2 | 1448.1 | 1392.4 | 1309.3 | 1210.8 |
| 25° | 1661.9 | 1698.4 | 1720.5 | 1728.1 | 1720.5 | 1698.4 | 1661.9 | 1612.6 | 1547.6 | 1462.1 | 1353.8 |
| 22.5° | 1841.7 | 1884.9 | 1913.4 | 1919.3 | 1913.4 | 1884.9 | 1841.7 | 1781.6 | 1710.9 | 1622.2 | 1498.9 |
| 20° | 2050.4 | 2100.6 | 2128.0 | 2126.9 | 2128.0 | 2100.6 | 2050.4 | 1973.4 | 1891.8 | 1786.2 | 1651.9 |
| 17.5° | 2325.2 | 2379.0 | 2402.7 | 2392.3 | 2402.7 | 2379.0 | 2325.2 | 2225.8 | 2139.3 | 2012.8 | 1863.8 |
| 15° | 2798.8 | 2911.4 | 2911.0 | 2866.0 | 2911.0 | 2911.4 | 2798.8 | 2685.1 | 2574.3 | 2412.8 | 2237.1 |
| 12.5° | 3383.0 | 3466.9 | 3553.0 | 3571.6 | 3553.0 | 3466.9 | 3383.0 | 3213.0 | 3089.8 | 2839.7 | 2635.1 |
| 10° | 3667.3 | 3778.7 | 3852.3 | 3850.4 | 3852.3 | 3778.7 | 3667.3 | 3505.6 | 3313.7 | 3099.0 | 2825.6 |
| 7.5° | 3845.1 | 3968.2 | 4057.4 | 4055.5 | 4057.4 | 3968.2 | 3845.1 | 3680.8 | 3469.9 | 3230.1 | 2948.7 |
| 5° | 3982.3 | 4118.9 | 4197.9 | 4203.7 | 4197.9 | 4118.9 | 3982.3 | 3797.8 | 3582.0 | 3325.0 | 3037.7 |
| 2.5° | 4053.7 | 4196.2 | 4291.2 | 4278.7 | 4291.2 | 4196.2 | 4053.7 | 3872.0 | 3656.9 | 3392.3 | 3100.6 |
| 0° | 4083.5 | 4224.6 | 4313.2 | 4351.4 | 4313.2 | 4224.6 | 4083.5 | 3902.6 | 3681.3 | 3425.5 | 3131.4 |
| -2.5° | 4070.5 | 4207.8 | 4305.6 | 4309.4 | 4305.6 | 4207.8 | 4070.5 | 3889.4 | 3666.2 | 3411.4 | 3123.3 |
| -5° | 4000.7 | 4145.6 | 4211.2 | 4246.0 | 4211.2 | 4145.6 | 4000.7 | 3821.3 | 3606.4 | 3358.4 | 3083.7 |
| -7.5° | 3888.2 | 3996.8 | 4080.1 | 4118.6 | 4080.1 | 3996.8 | 3888.2 | 3716.0 | 3510.9 | 3273.0 | 3003.5 |
| -10° | 3713.2 | 3825.6 | 3896.0 | 3927.7 | 3896.0 | 3825.6 | 3713.2 | 3565.3 | 3375.6 | 3155.6 | 2902.9 |
| -12.5° | 3519.3 | 3621.4 | 3688.4 | 3715.1 | 3688.4 | 3621.4 | 3519.3 | 3378.8 | 3208.6 | 3007.8 | 2777.5 |
| -15° | 3302.9 | 3395.7 | 3457.3 | 3483.0 | 3457.3 | 3395.7 | 3302.9 | 3169.2 | 3013.7 | 2835.7 | 2623.2 |
| -17.5° | 3064.7 | 3146.1 | 3207.4 | 3225.9 | 3207.4 | 3146.1 | 3064.7 | 2945.8 | 2803.6 | 2645.5 | 2464.3 |
| -20° | 2819.8 | 2893.4 | 2943.9 | 2954.9 | 2943.9 | 2893.4 | 2819.8 | 2720.6 | 2590.5 | 2446.8 | 2288.5 |



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-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° | 2573.1 | 2633.6 | 2674.7 | 2688.5 | 2674.7 | 2633.6 | 2573.1 | 2492.0 | 2378.9 | 2256.0 | 2107.8 |
| -25° | 2332.0 | 2384.2 | 2417.3 | 2429.6 | 2417.3 | 2384.2 | 2332.0 | 2260.1 | 2166.6 | 2059.9 | 1929.5 |
| -27.5° | 2100.1 | 2148.8 | 2179.1 | 2183.2 | 2179.1 | 2148.8 | 2100.1 | 2036.7 | 1958.1 | 1859.9 | 1742.9 |
| -30° | 1871.8 | 1912.1 | 1935.4 | 1945.4 | 1935.4 | 1912.1 | 1871.8 | 1819.1 | 1751.2 | 1664.8 | 1562.6 |
| -32.5° | 1658.6 | 1693.7 | 1714.7 | 1720.4 | 1714.7 | 1693.7 | 1658.6 | 1613.0 | 1555.4 | 1479.9 | 1383.7 |
| -35° | 1457.2 | 1489.7 | 1508.3 | 1506.8 | 1508.3 | 1489.7 | 1457.2 | 1414.2 | 1360.1 | 1294.1 | 1208.3 |
| -37.5° | 1257.6 | 1287.6 | 1304.5 | 1302.9 | 1304.5 | 1287.6 | 1257.6 | 1217.7 | 1169.3 | 1111.8 | 1035.3 |
| -40° | 1059.7 | 1085.5 | 1100.4 | 1104.0 | 1100.4 | 1085.5 | 1059.7 | 1023.6 | 979.8 | 926.1 | 863.6 |
| -42.5° | 870.0 | 893.8 | 905.7 | 901.0 | 905.7 | 893.8 | 870.0 | 839.0 | 801.8 | 756.8 | 708.9 |
| -45° | 698.1 | 710.4 | 718.6 | 723.6 | 718.6 | 710.4 | 698.1 | 679.5 | 653.0 | 619.3 | 580.5 |
| -47.5° | 572.6 | 582.9 | 588.4 | 589.3 | 588.4 | 582.9 | 572.6 | 558.1 | 538.4 | 513.7 | 485.3 |
| -50° | 475.3 | 484.0 | 487.8 | 486.7 | 487.8 | 484.0 | 475.3 | 463.9 | 449.3 | 430.6 | 409.0 |
| -52.5° | 395.8 | 400.9 | 404.3 | 405.9 | 404.3 | 400.9 | 395.8 | 388.6 | 378.7 | 363.9 | 347.0 |
| -55° | 334.6 | 338.5 | 340.8 | 341.6 | 340.8 | 338.5 | 334.6 | 329.0 | 321.6 | 309.8 | 296.8 |
| -57.5° | 285.1 | 288.8 | 290.2 | 289.7 | 290.2 | 288.8 | 285.1 | 280.3 | 274.6 | 265.7 | 255.6 |
| -60° | 242.3 | 244.4 | 246.0 | 246.8 | 246.0 | 244.4 | 242.3 | 239.2 | 235.2 | 228.4 | 220.3 |
| -62.5° | 205.8 | 207.8 | 209.4 | 210.4 | 209.4 | 207.8 | 205.8 | 203.0 | 199.5 | 194.3 | 188.0 |
| -65° | 169.3 | 170.2 | 170.4 | 170.0 | 170.4 | 170.2 | 169.3 | 167.7 | 165.5 | 162.1 | 157.6 |
| -67.5° | 139.2 | 139.9 | 140.4 | 140.5 | 140.4 | 139.9 | 139.2 | 138.0 | 136.5 | 134.1 | 130.7 |
| -70° | 113.2 | 113.5 | 113.1 | 112.2 | 113.1 | 113.5 | 113.2 | 112.7 | 112.2 | 111.1 | 108.5 |
| -72.5° | 84.5 | 81.4 | 78.3 | 74.9 | 78.3 | 81.4 | 84.5 | 87.5 | 90.4 | 92.0 | 90.1 |
| -75° | 62.1 | 56.9 | 55.0 | 53.1 | 55.0 | 56.9 | 62.1 | 67.2 | 72.1 | 75.6 | 74.2 |
| -77.5° | 46.2 | 40.7 | 39.3 | 37.9 | 39.3 | 40.7 | 46.2 | 51.5 | 56.5 | 60.4 | 59.4 |
| -80° | 32.8 | 28.6 | 27.6 | 26.7 | 27.6 | 28.6 | 32.8 | 36.9 | 40.9 | 44.3 | 44.1 |
| -82.5° | 21.5 | 18.6 | 18.0 | 17.4 | 18.0 | 18.6 | 21.5 | 24.4 | 27.2 | 29.6 | 29.3 |
| -85° | 11.7 | 10.3 | 9.9 | 9.6 | 9.9 | 10.3 | 11.7 | 13.0 | 14.2 | 15.4 | 15.0 |
| -87.5° | 3.6 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.6 | 3.8 | 4.1 | 4.3 | 4.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| 67.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 |
| 65° | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 62.5° | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.7 |
| 60° | 1.0 | 0.5 | 1.1 | 1.3 | 1.0 | 1.0 | 1.7 | 1.6 | 0.6 | 2.3 | 2.8 |
| 57.5° | 6.8 | 6.3 | 9.0 | 8.7 | 5.2 | 7.5 | 8.9 | 6.0 | 4.2 | 6.6 | 8.0 |
| 55° | 29.7 | 29.1 | 28.3 | 26.7 | 24.5 | 22.8 | 22.5 | 22.4 | 17.8 | 12.9 | 14.7 |
| 52.5° | 65.2 | 58.0 | 52.9 | 50.4 | 46.8 | 41.5 | 37.1 | 36.3 | 35.2 | 29.1 | 24.1 |
| 50° | 83.8 | 82.5 | 77.0 | 68.5 | 67.7 | 62.2 | 54.7 | 49.4 | 48.8 | 44.6 | 37.0 |
| 47.5° | 120.4 | 120.4 | 109.0 | 98.7 | 95.7 | 90.9 | 81.3 | 67.3 | 66.0 | 62.4 | 53.9 |
| 45° | 195.0 | 181.5 | 175.1 | 155.2 | 133.5 | 125.1 | 117.2 | 100.3 | 86.4 | 81.0 | 75.0 |
| 42.5° | 264.3 | 244.1 | 227.4 | 207.4 | 183.6 | 162.6 | 147.7 | 129.1 | 112.4 | 100.9 | 92.2 |
| 40° | 329.1 | 296.6 | 273.5 | 248.3 | 222.3 | 196.4 | 177.9 | 154.5 | 135.5 | 120.0 | 110.9 |
| 37.5° | 410.0 | 365.4 | 339.8 | 300.6 | 267.7 | 241.0 | 217.3 | 187.5 | 157.0 | 144.4 | 133.1 |
| 35° | 529.2 | 476.3 | 446.3 | 398.7 | 332.4 | 308.6 | 277.8 | 233.3 | 194.6 | 173.0 | 159.0 |
| 32.5° | 743.0 | 664.0 | 608.8 | 545.1 | 457.3 | 394.9 | 353.9 | 304.4 | 242.4 | 211.3 | 188.1 |
| 30° | 960.2 | 853.3 | 776.0 | 711.3 | 594.6 | 502.6 | 439.3 | 369.3 | 302.5 | 252.0 | 220.5 |
| 27.5° | 1107.3 | 1002.3 | 906.0 | 813.1 | 718.5 | 611.7 | 516.9 | 426.9 | 353.9 | 297.4 | 256.8 |
| 25° | 1236.3 | 1117.5 | 1009.1 | 908.4 | 807.5 | 703.6 | 588.7 | 487.6 | 401.9 | 337.3 | 284.4 |
| 22.5° | 1364.1 | 1237.8 | 1114.9 | 997.7 | 895.3 | 784.2 | 662.9 | 546.6 | 448.0 | 381.1 | 317.5 |
| 20° | 1508.9 | 1363.5 | 1221.7 | 1110.9 | 994.2 | 867.6 | 732.6 | 621.7 | 525.2 | 433.5 | 353.7 |
| 17.5° | 1716.2 | 1521.9 | 1391.6 | 1266.8 | 1115.3 | 960.4 | 843.3 | 727.0 | 608.2 | 488.8 | 391.7 |
| 15° | 1997.0 | 1796.2 | 1647.0 | 1476.0 | 1267.9 | 1108.0 | 979.2 | 838.0 | 697.2 | 554.3 | 436.9 |
| 12.5° | 2330.9 | 2087.3 | 1911.4 | 1668.1 | 1433.8 | 1260.8 | 1115.2 | 957.2 | 784.2 | 613.6 | 479.0 |
| 10° | 2541.0 | 2278.4 | 2028.0 | 1794.2 | 1580.5 | 1402.3 | 1219.4 | 1026.4 | 834.1 | 658.2 | 515.4 |
| 7.5° | 2652.6 | 2372.7 | 2114.3 | 1880.6 | 1662.5 | 1456.2 | 1261.4 | 1067.1 | 874.2 | 693.1 | 546.1 |
| 5° | 2726.7 | 2442.7 | 2172.8 | 1923.0 | 1700.0 | 1492.4 | 1292.8 | 1094.6 | 904.4 | 718.9 | 571.3 |
| 2.5° | 2781.4 | 2488.3 | 2210.4 | 1947.6 | 1720.9 | 1514.2 | 1312.7 | 1110.6 | 920.1 | 732.7 | 580.0 |
| 0° | 2808.5 | 2502.7 | 2224.2 | 1964.0 | 1730.6 | 1518.9 | 1320.3 | 1116.4 | 923.7 | 738.5 | 583.7 |
| -2.5° | 2803.1 | 2493.5 | 2212.4 | 1963.6 | 1731.3 | 1514.5 | 1321.4 | 1119.6 | 924.7 | 742.9 | 586.3 |
| -5° | 2774.3 | 2478.0 | 2199.0 | 1949.8 | 1721.0 | 1504.1 | 1311.0 | 1112.7 | 917.5 | 739.4 | 583.9 |
| -7.5° | 2715.8 | 2431.3 | 2160.7 | 1918.2 | 1694.6 | 1482.5 | 1290.0 | 1095.9 | 902.8 | 727.3 | 576.6 |
| -10° | 2628.0 | 2356.7 | 2099.3 | 1869.9 | 1652.0 | 1447.3 | 1258.7 | 1067.5 | 878.5 | 707.5 | 563.9 |
| -12.5° | 2519.3 | 2263.1 | 2017.8 | 1804.2 | 1596.2 | 1400.7 | 1216.5 | 1027.5 | 844.8 | 680.0 | 545.9 |
| -15° | 2386.5 | 2156.6 | 1934.7 | 1727.5 | 1530.9 | 1341.5 | 1161.6 | 977.7 | 802.0 | 644.5 | 522.5 |
| -17.5° | 2251.7 | 2038.3 | 1830.1 | 1633.5 | 1451.3 | 1271.5 | 1097.0 | 922.3 | 754.1 | 606.3 | 495.2 |
| -20° | 2101.7 | 1904.6 | 1712.1 | 1533.7 | 1363.8 | 1193.0 | 1025.0 | 856.9 | 699.4 | 570.6 | 471.0 |



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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° | 1938.9 | 1762.9 | 1588.6 | 1427.8 | 1268.7 | 1105.0 | 944.2 | 785.5 | 636.1 | 530.5 | 443.5 |
| -25° | 1774.2 | 1614.3 | 1458.1 | 1310.0 | 1160.9 | 1006.3 | 857.7 | 712.8 | 589.3 | 492.7 | 413.9 |
| -27.5° | 1608.7 | 1464.0 | 1319.7 | 1182.9 | 1042.5 | 906.3 | 770.5 | 639.3 | 538.7 | 456.5 | 386.2 |
| -30° | 1445.1 | 1314.3 | 1182.4 | 1051.7 | 924.7 | 800.3 | 679.0 | 579.5 | 492.0 | 417.8 | 355.3 |
| -32.5° | 1276.6 | 1162.8 | 1042.6 | 920.1 | 804.8 | 695.1 | 602.8 | 519.0 | 443.4 | 382.1 | 327.8 |
| -35° | 1112.7 | 1008.1 | 897.4 | 792.2 | 690.2 | 608.0 | 529.8 | 461.3 | 400.8 | 346.6 | 300.4 |
| -37.5° | 945.4 | 850.9 | 759.5 | 671.3 | 598.4 | 528.9 | 467.1 | 411.1 | 358.9 | 315.8 | 276.0 |
| -40° | 787.8 | 705.5 | 639.8 | 574.9 | 517.1 | 461.6 | 412.8 | 364.7 | 324.4 | 286.4 | 252.2 |
| -42.5° | 652.8 | 595.1 | 542.3 | 493.3 | 445.9 | 404.9 | 363.7 | 326.3 | 291.1 | 259.3 | 230.8 |
| -45° | 543.7 | 502.4 | 459.5 | 423.5 | 386.9 | 354.2 | 321.3 | 290.5 | 261.0 | 235.0 | 209.8 |
| -47.5° | 457.3 | 426.6 | 394.2 | 365.4 | 338.0 | 309.9 | 284.3 | 257.8 | 234.8 | 211.7 | 190.7 |
| -50° | 386.7 | 364.1 | 340.4 | 317.1 | 295.5 | 272.6 | 251.4 | 230.4 | 210.3 | 191.1 | 172.0 |
| -52.5° | 328.6 | 312.2 | 294.7 | 276.1 | 258.9 | 241.1 | 222.5 | 205.7 | 188.4 | 171.4 | 154.7 |
| -55° | 282.5 | 269.4 | 256.1 | 242.1 | 227.7 | 213.1 | 198.0 | 182.9 | 167.9 | 152.5 | 139.9 |
| -57.5° | 244.7 | 233.6 | 223.1 | 211.9 | 200.2 | 187.8 | 175.0 | 161.5 | 149.2 | 137.6 | 126.1 |
| -60° | 211.5 | 202.2 | 193.7 | 184.8 | 175.2 | 164.5 | 154.0 | 143.4 | 132.8 | 122.7 | 112.8 |
| -62.5° | 181.5 | 174.9 | 167.3 | 159.7 | 152.2 | 144.3 | 134.8 | 125.4 | 116.4 | 107.8 | 99.6 |
| -65° | 152.5 | 146.9 | 141.0 | 135.5 | 129.4 | 122.7 | 114.7 | 107.4 | 100.3 | 93.2 | 86.5 |
| -67.5° | 126.8 | 122.4 | 117.7 | 112.8 | 108.0 | 102.6 | 96.7 | 90.6 | 85.0 | 79.1 | 74.2 |
| -70° | 105.6 | 102.5 | 98.8 | 94.4 | 90.0 | 85.6 | 81.1 | 76.3 | 71.2 | 66.0 | 61.9 |
| -72.5° | 88.0 | 85.6 | 82.8 | 79.1 | 75.3 | 71.4 | 67.4 | 63.2 | 58.7 | 53.8 | 49.9 |
| -75° | 72.6 | 70.9 | 68.7 | 65.5 | 62.1 | 58.5 | 55.0 | 51.1 | 46.7 | 41.7 | 37.8 |
| -77.5° | 58.4 | 57.3 | 55.9 | 53.2 | 50.6 | 47.9 | 44.8 | 40.3 | 35.8 | 31.6 | 28.7 |
| -80° | 43.8 | 43.3 | 42.4 | 40.2 | 38.0 | 35.7 | 33.2 | 29.8 | 26.5 | 23.5 | 21.1 |
| -82.5° | 28.9 | 28.3 | 27.6 | 26.3 | 25.0 | 23.7 | 22.5 | 20.1 | 17.9 | 15.7 | 13.7 |
| -85° | 14.7 | 14.2 | 13.8 | 13.6 | 13.3 | 13.0 | 12.6 | 11.3 | 10.0 | 8.8 | 7.7 |
| -87.5° | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.0 | 3.7 | 3.4 | 3.1 |
| -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: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 77.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 75° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 72.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 70° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 67.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 |
| 65° | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.6 | 0.5 | 0.4 | 0.3 |
| 62.5° | 0.6 | 0.3 | 0.8 | 1.1 | 0.7 | 0.5 | 0.4 | 1.3 | 0.8 | 0.6 | 0.4 |
| 60° | 1.4 | 1.2 | 2.2 | 3.3 | 2.4 | 0.9 | 1.3 | 2.2 | 2.0 | 0.7 | 0.6 |
| 57.5° | 7.2 | 3.3 | 4.9 | 6.3 | 6.0 | 3.4 | 2.7 | 3.8 | 3.5 | 2.0 | 0.8 |
| 55° | 14.9 | 12.7 | 10.1 | 10.0 | 10.2 | 8.0 | 5.7 | 5.9 | 5.2 | 3.7 | 1.2 |
| 52.5° | 22.7 | 22.0 | 19.6 | 15.9 | 14.6 | 13.2 | 10.8 | 8.4 | 7.8 | 5.6 | 2.9 |
| 50° | 32.4 | 30.6 | 28.7 | 25.0 | 20.2 | 18.3 | 15.9 | 12.8 | 10.6 | 7.8 | 4.8 |
| 47.5° | 43.4 | 40.3 | 37.4 | 33.8 | 28.7 | 23.8 | 21.0 | 17.3 | 13.7 | 10.7 | 6.8 |
| 45° | 60.6 | 50.6 | 46.7 | 42.6 | 37.3 | 31.1 | 26.3 | 21.9 | 17.7 | 13.6 | 8.7 |
| 42.5° | 78.3 | 64.4 | 56.2 | 51.5 | 46.0 | 39.1 | 31.9 | 26.8 | 21.7 | 16.5 | 11.0 |
| 40° | 96.1 | 78.9 | 66.5 | 60.7 | 55.0 | 47.1 | 38.9 | 32.0 | 25.6 | 19.5 | 13.5 |
| 37.5° | 115.4 | 95.1 | 78.4 | 70.2 | 64.2 | 55.6 | 46.1 | 37.4 | 29.6 | 22.7 | 16.0 |
| 35° | 139.3 | 114.4 | 91.4 | 81.2 | 73.2 | 64.4 | 53.2 | 43.1 | 34.3 | 26.0 | 18.4 |
| 32.5° | 166.3 | 135.6 | 109.9 | 93.1 | 82.2 | 73.2 | 60.8 | 49.7 | 39.2 | 29.3 | 20.8 |
| 30° | 193.1 | 157.5 | 127.4 | 105.0 | 91.9 | 81.6 | 68.9 | 56.2 | 44.2 | 32.6 | 23.3 |
| 27.5° | 213.5 | 176.4 | 143.9 | 119.3 | 102.6 | 89.8 | 77.0 | 62.8 | 49.3 | 36.2 | 25.9 |
| 25° | 234.4 | 193.9 | 159.9 | 133.2 | 113.1 | 98.3 | 84.7 | 69.4 | 54.7 | 40.3 | 28.6 |
| 22.5° | 258.8 | 210.5 | 173.4 | 145.8 | 124.2 | 106.9 | 92.1 | 76.1 | 60.2 | 44.4 | 31.1 |
| 20° | 282.7 | 225.8 | 185.8 | 160.6 | 136.3 | 116.4 | 99.3 | 82.5 | 65.6 | 48.4 | 33.6 |
| 17.5° | 307.2 | 247.3 | 206.3 | 175.8 | 148.8 | 125.9 | 106.5 | 88.6 | 70.8 | 52.4 | 35.9 |
| 15° | 344.0 | 276.0 | 227.1 | 190.9 | 161.0 | 135.2 | 113.5 | 94.2 | 75.8 | 56.2 | 38.0 |
| 12.5° | 378.8 | 303.1 | 247.2 | 205.6 | 172.6 | 144.2 | 120.2 | 99.6 | 80.6 | 59.3 | 39.8 |
| 10° | 409.5 | 328.2 | 266.4 | 219.7 | 183.7 | 152.8 | 126.8 | 103.8 | 83.4 | 61.8 | 41.3 |
| 7.5° | 436.2 | 351.3 | 284.6 | 233.2 | 193.1 | 158.6 | 130.1 | 105.9 | 85.6 | 64.1 | 42.7 |
| 5° | 456.6 | 367.0 | 294.6 | 238.6 | 196.6 | 161.3 | 132.4 | 107.7 | 87.3 | 65.9 | 43.9 |
| 2.5° | 463.4 | 372.3 | 298.6 | 241.7 | 199.2 | 163.2 | 134.2 | 109.1 | 88.6 | 67.5 | 44.9 |
| 0° | 466.5 | 374.8 | 300.6 | 243.4 | 200.8 | 164.4 | 135.5 | 110.0 | 89.5 | 68.7 | 45.7 |
| -2.5° | 469.9 | 378.3 | 303.4 | 246.1 | 202.5 | 166.0 | 136.8 | 111.5 | 90.8 | 70.0 | 47.0 |
| -5° | 469.7 | 378.9 | 304.3 | 247.4 | 203.1 | 166.9 | 137.6 | 112.5 | 91.7 | 71.0 | 48.1 |
| -7.5° | 464.7 | 376.0 | 303.2 | 247.1 | 202.7 | 167.0 | 137.8 | 113.1 | 92.3 | 71.7 | 49.0 |
| -10° | 455.8 | 369.9 | 299.7 | 244.9 | 201.4 | 166.3 | 137.5 | 113.3 | 92.6 | 71.9 | 49.6 |
| -12.5° | 443.3 | 361.2 | 294.2 | 241.2 | 199.0 | 164.7 | 136.5 | 112.8 | 92.4 | 71.8 | 49.9 |
| -15° | 427.3 | 350.0 | 286.6 | 236.1 | 195.6 | 162.4 | 134.9 | 111.7 | 91.6 | 71.3 | 50.0 |
| -17.5° | 407.8 | 336.4 | 276.9 | 229.7 | 191.0 | 159.3 | 132.6 | 110.2 | 90.5 | 70.4 | 49.9 |
| -20° | 389.8 | 322.2 | 265.8 | 221.8 | 185.4 | 155.5 | 129.8 | 108.3 | 89.1 | 69.2 | 49.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-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° | 369.6 | 307.3 | 255.9 | 214.3 | 179.5 | 150.9 | 126.4 | 105.9 | 87.5 | 67.9 | 49.2 |
| -25° | 346.6 | 290.5 | 244.6 | 206.0 | 173.7 | 146.6 | 122.8 | 103.1 | 85.6 | 66.3 | 48.6 |
| -27.5° | 324.9 | 273.2 | 231.9 | 196.3 | 167.1 | 141.5 | 119.3 | 100.6 | 83.5 | 64.6 | 47.7 |
| -30° | 302.8 | 258.1 | 219.7 | 186.2 | 159.7 | 135.9 | 115.4 | 97.8 | 81.1 | 63.1 | 46.6 |
| -32.5° | 280.3 | 241.6 | 206.7 | 177.5 | 152.6 | 129.9 | 111.1 | 94.9 | 78.5 | 61.6 | 45.8 |
| -35° | 260.9 | 225.4 | 192.8 | 168.1 | 145.3 | 124.7 | 106.8 | 91.8 | 75.9 | 59.8 | 44.8 |
| -37.5° | 240.4 | 209.0 | 181.9 | 158.7 | 137.5 | 119.1 | 102.7 | 88.1 | 73.3 | 57.9 | 43.7 |
| -40° | 222.0 | 193.7 | 170.2 | 149.7 | 130.4 | 113.1 | 98.1 | 84.2 | 70.8 | 55.8 | 42.3 |
| -42.5° | 203.2 | 179.7 | 158.7 | 139.9 | 123.3 | 107.5 | 93.1 | 80.1 | 67.5 | 53.9 | 40.8 |
| -45° | 186.8 | 165.5 | 146.9 | 131.1 | 115.9 | 101.5 | 88.3 | 75.8 | 64.0 | 51.9 | 39.2 |
| -47.5° | 169.8 | 151.7 | 135.9 | 121.8 | 108.6 | 95.2 | 83.2 | 71.7 | 60.4 | 49.7 | 37.5 |
| -50° | 153.9 | 138.6 | 125.5 | 112.9 | 100.6 | 89.3 | 78.0 | 67.6 | 57.1 | 46.8 | 35.7 |
| -52.5° | 139.8 | 127.1 | 115.4 | 103.9 | 93.4 | 83.2 | 73.4 | 63.4 | 53.7 | 43.9 | 33.6 |
| -55° | 127.4 | 116.1 | 105.5 | 95.6 | 86.2 | 77.7 | 68.7 | 59.4 | 50.1 | 40.9 | 31.4 |
| -57.5° | 115.5 | 105.3 | 96.3 | 87.5 | 79.5 | 72.1 | 64.1 | 55.3 | 46.5 | 37.7 | 29.5 |
| -60° | 103.5 | 95.3 | 87.3 | 79.9 | 73.0 | 66.3 | 59.5 | 51.1 | 42.7 | 34.5 | 27.1 |
| -62.5° | 92.0 | 85.1 | 79.0 | 72.5 | 66.1 | 60.2 | 54.7 | 46.7 | 38.8 | 31.3 | 24.5 |
| -65° | 80.7 | 75.5 | 70.5 | 64.4 | 58.8 | 53.9 | 49.4 | 42.2 | 34.8 | 27.9 | 21.8 |
| -67.5° | 69.6 | 65.3 | 60.8 | 55.9 | 51.7 | 47.7 | 43.7 | 37.2 | 30.4 | 24.3 | 19.1 |
| -70° | 58.3 | 54.7 | 51.5 | 48.3 | 44.9 | 41.4 | 37.4 | 31.9 | 25.9 | 20.9 | 16.2 |
| -72.5° | 47.3 | 45.0 | 43.1 | 40.9 | 38.0 | 34.7 | 30.9 | 26.4 | 21.8 | 17.4 | 13.2 |
| -75° | 36.4 | 36.0 | 35.4 | 33.9 | 31.2 | 28.1 | 25.0 | 21.5 | 17.5 | 13.8 | 10.8 |
| -77.5° | 28.7 | 28.5 | 28.1 | 27.1 | 24.7 | 22.1 | 19.4 | 16.5 | 13.5 | 10.9 | 8.5 |
| -80° | 21.2 | 21.2 | 21.0 | 20.4 | 18.3 | 16.2 | 14.3 | 12.4 | 10.2 | 8.1 | 6.1 |
| -82.5° | 13.9 | 14.2 | 14.3 | 14.1 | 12.7 | 11.3 | 9.9 | 8.6 | 6.9 | 5.3 | 4.1 |
| -85° | 8.0 | 8.1 | 8.2 | 8.0 | 7.2 | 6.3 | 5.8 | 5.2 | 4.3 | 3.5 | 2.7 |
| -87.5° | 3.3 | 3.5 | 3.6 | 3.7 | 3.5 | 3.2 | 2.9 | 2.6 | 2.2 | 1.7 | 1.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-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° | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| 82.5° | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 80° | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 77.5° | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 |
| 75° | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 |
| 72.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 |
| 70° | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 |
| 67.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 |
| 65° | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.0 |
| 62.5° | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.1 | 0.0 |
| 60° | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.0 |
| 57.5° | 0.8 | 0.6 | 0.4 | 0.3 | 0.3 | 0.2 | 0.0 |
| 55° | 1.3 | 0.7 | 0.5 | 0.3 | 0.3 | 0.2 | 0.0 |
| 52.5° | 1.8 | 0.8 | 0.6 | 0.3 | 0.3 | 0.2 | 0.0 |
| 50° | 2.3 | 1.4 | 0.7 | 0.3 | 0.3 | 0.2 | 0.0 |
| 47.5° | 3.1 | 1.9 | 0.8 | 0.3 | 0.3 | 0.2 | 0.0 |
| 45° | 4.8 | 2.6 | 0.9 | 0.4 | 0.3 | 0.2 | 0.0 |
| 42.5° | 6.5 | 3.2 | 1.0 | 0.5 | 0.3 | 0.2 | 0.0 |
| 40° | 8.2 | 3.9 | 1.3 | 0.6 | 0.4 | 0.2 | 0.0 |
| 37.5° | 9.8 | 4.6 | 1.9 | 0.7 | 0.4 | 0.2 | 0.0 |
| 35° | 11.5 | 5.7 | 2.4 | 0.9 | 0.4 | 0.2 | 0.0 |
| 32.5° | 13.2 | 7.0 | 2.9 | 1.0 | 0.4 | 0.3 | 0.0 |
| 30° | 15.2 | 8.3 | 3.5 | 1.2 | 0.4 | 0.3 | 0.0 |
| 27.5° | 17.0 | 9.5 | 4.1 | 1.4 | 0.4 | 0.3 | 0.0 |
| 25° | 18.8 | 10.7 | 4.7 | 1.5 | 0.4 | 0.3 | 0.0 |
| 22.5° | 20.6 | 11.8 | 5.4 | 1.7 | 0.5 | 0.3 | 0.0 |
| 20° | 22.2 | 13.0 | 5.9 | 1.9 | 0.5 | 0.3 | 0.0 |
| 17.5° | 23.8 | 14.0 | 6.5 | 2.1 | 0.5 | 0.3 | 0.0 |
| 15° | 25.2 | 15.0 | 7.1 | 2.3 | 0.5 | 0.3 | 0.0 |
| 12.5° | 26.5 | 15.9 | 7.6 | 2.5 | 0.5 | 0.3 | 0.0 |
| 10° | 27.7 | 16.8 | 8.1 | 2.7 | 0.5 | 0.3 | 0.0 |
| 7.5° | 28.7 | 17.5 | 8.5 | 2.9 | 0.6 | 0.3 | 0.0 |
| 5° | 29.6 | 18.2 | 8.9 | 3.1 | 0.6 | 0.3 | 0.0 |
| 2.5° | 30.4 | 18.8 | 9.3 | 3.2 | 0.6 | 0.3 | 0.0 |
| 0° | 31.1 | 19.3 | 9.6 | 3.4 | 0.6 | 0.3 | 0.0 |
| -2.5° | 31.9 | 19.9 | 10.0 | 3.6 | 0.7 | 0.3 | 0.0 |
| -5° | 32.6 | 20.4 | 10.4 | 3.8 | 0.8 | 0.3 | 0.0 |
| -7.5° | 33.2 | 20.8 | 10.8 | 4.0 | 0.9 | 0.4 | 0.0 |
| -10° | 33.6 | 21.1 | 11.0 | 4.1 | 1.0 | 0.4 | 0.0 |
| -12.5° | 33.8 | 21.3 | 11.2 | 4.3 | 1.0 | 0.4 | 0.0 |
| -15° | 33.9 | 21.4 | 11.4 | 4.4 | 1.1 | 0.4 | 0.0 |
| -17.5° | 33.8 | 21.4 | 11.4 | 4.5 | 1.2 | 0.4 | 0.0 |
| -20° | 33.7 | 21.3 | 11.4 | 4.5 | 1.3 | 0.4 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P626632 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 33.7 | 21.1 | 11.3 | 4.6 | 1.3 | 0.4 | 0.0 |
| -25° | 33.6 | 21.0 | 11.2 | 4.6 | 1.4 | 0.4 | 0.0 |
| -27.5° | 33.2 | 20.9 | 10.9 | 4.5 | 1.4 | 0.5 | 0.0 |
| -30° | 32.8 | 20.7 | 10.6 | 4.5 | 1.4 | 0.5 | 0.0 |
| -32.5° | 32.1 | 20.3 | 10.5 | 4.4 | 1.5 | 0.5 | 0.0 |
| -35° | 31.5 | 19.8 | 10.2 | 4.2 | 1.5 | 0.5 | 0.0 |
| -37.5° | 30.8 | 19.3 | 9.9 | 4.1 | 1.5 | 0.5 | 0.0 |
| -40° | 29.9 | 18.8 | 9.5 | 3.9 | 1.5 | 0.5 | 0.0 |
| -42.5° | 28.8 | 18.2 | 9.2 | 3.7 | 1.5 | 0.4 | 0.0 |
| -45° | 27.6 | 17.5 | 9.1 | 3.6 | 1.4 | 0.4 | 0.0 |
| -47.5° | 26.2 | 16.7 | 8.8 | 3.4 | 1.4 | 0.4 | 0.0 |
| -50° | 24.9 | 15.7 | 8.4 | 3.3 | 1.4 | 0.4 | 0.0 |
| -52.5° | 23.6 | 14.7 | 8.0 | 3.3 | 1.3 | 0.4 | 0.0 |
| -55° | 22.2 | 13.8 | 7.4 | 3.2 | 1.2 | 0.4 | 0.0 |
| -57.5° | 20.6 | 12.9 | 6.8 | 3.1 | 1.2 | 0.4 | 0.0 |
| -60° | 18.9 | 11.8 | 6.1 | 2.9 | 1.1 | 0.3 | 0.0 |
| -62.5° | 17.2 | 10.6 | 5.7 | 2.7 | 1.0 | 0.3 | 0.0 |
| -65° | 15.4 | 9.3 | 5.2 | 2.4 | 0.9 | 0.3 | 0.0 |
| -67.5° | 13.4 | 8.2 | 4.6 | 2.1 | 0.9 | 0.3 | 0.0 |
| -70° | 11.3 | 7.1 | 4.0 | 1.8 | 0.8 | 0.2 | 0.0 |
| -72.5° | 9.6 | 6.1 | 3.3 | 1.6 | 0.7 | 0.2 | 0.0 |
| -75° | 7.9 | 4.9 | 2.6 | 1.4 | 0.6 | 0.2 | 0.0 |
| -77.5° | 6.1 | 3.7 | 2.2 | 1.2 | 0.5 | 0.2 | 0.0 |
| -80° | 4.2 | 2.8 | 1.8 | 1.0 | 0.4 | 0.1 | 0.0 |
| -82.5° | 3.1 | 2.1 | 1.3 | 0.7 | 0.3 | 0.1 | 0.0 |
| -85° | 2.1 | 1.4 | 0.9 | 0.5 | 0.2 | 0.1 | 0.0 |
| -87.5° | 1.0 | 0.7 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)