

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: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

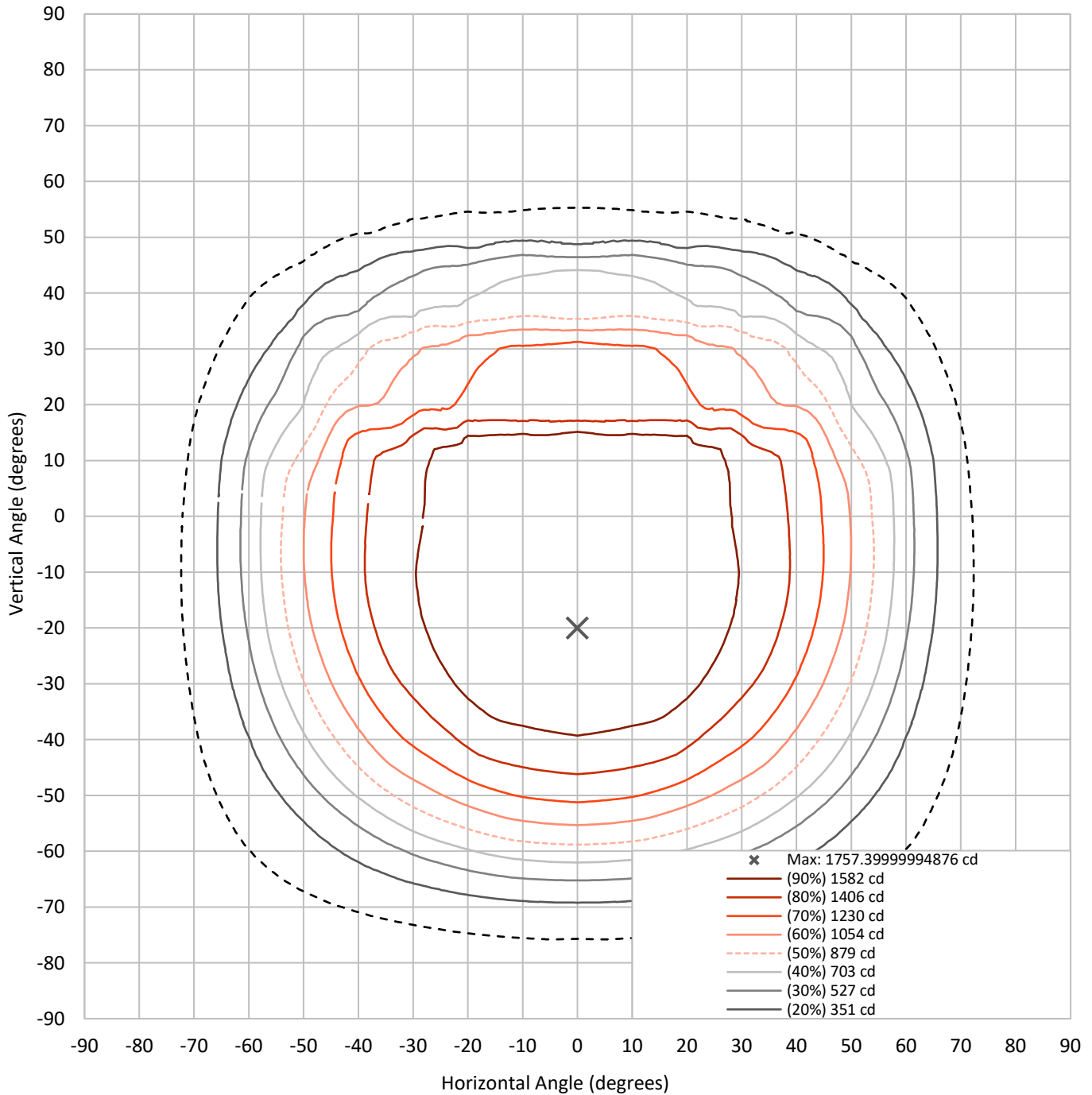
| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 4120.7 lumens | Max Intensity: | 1757.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x -20°V |
| Efficacy: | 94.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 105.6°H x 93.7°V | Field Angle (10%): | 144°H x 131.2°V |
| Beam Lumens: | 3221.3 lumens | Field Lumens: | 4038.9 lumens |
| Beam Efficiency: | 78.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 43.5 | | |
| 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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CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

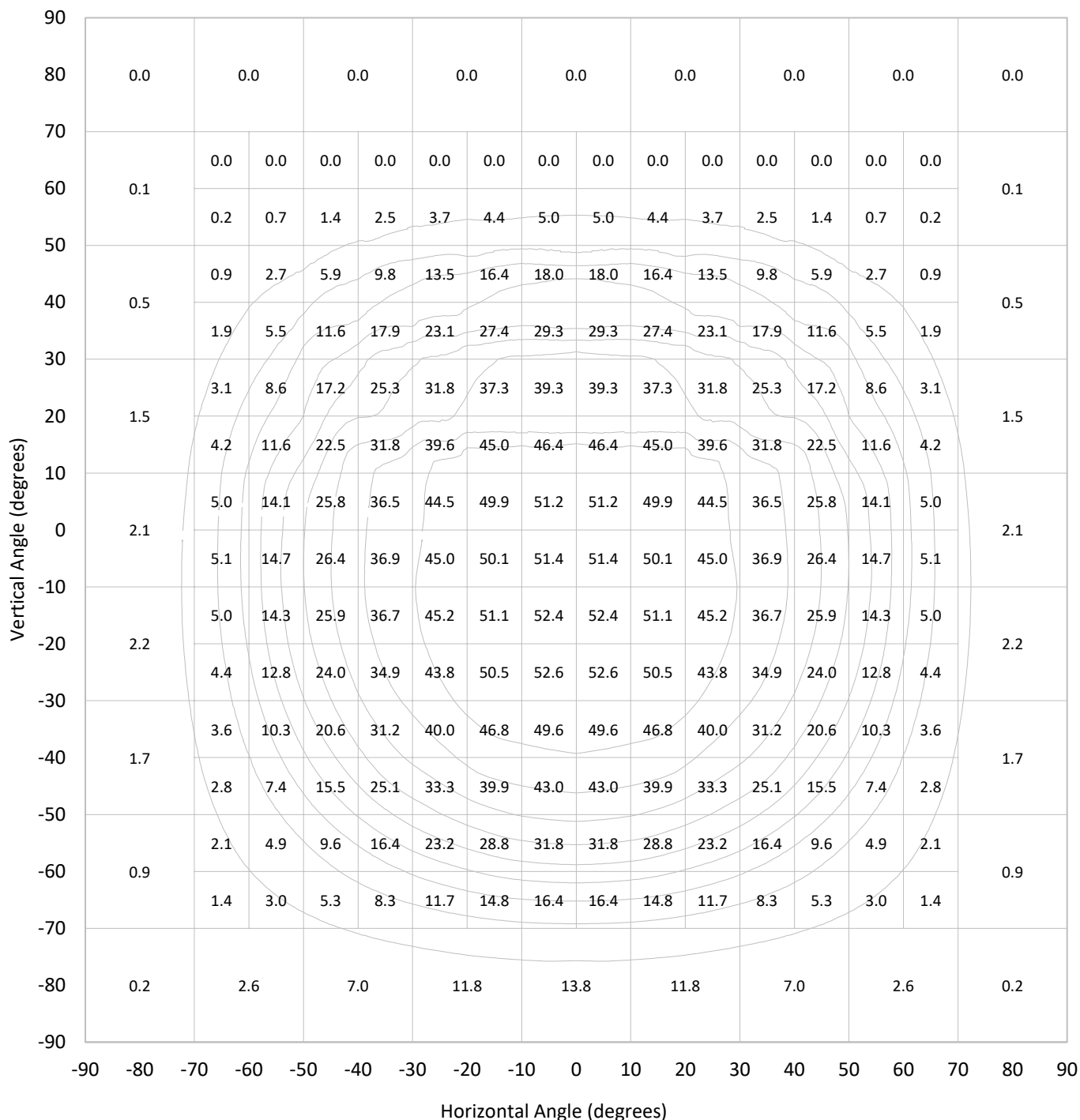
Iso-Candela Plot





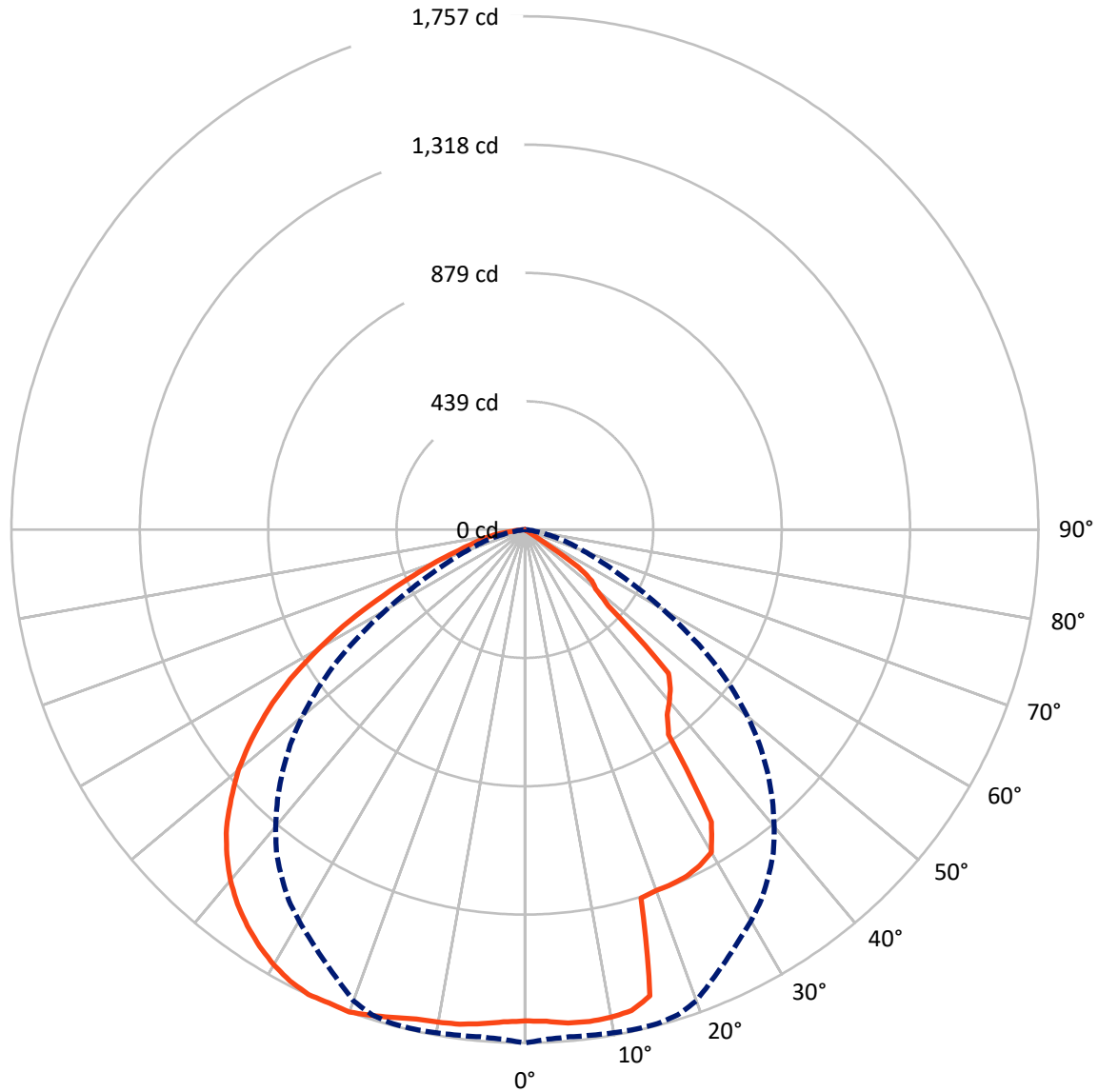
REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

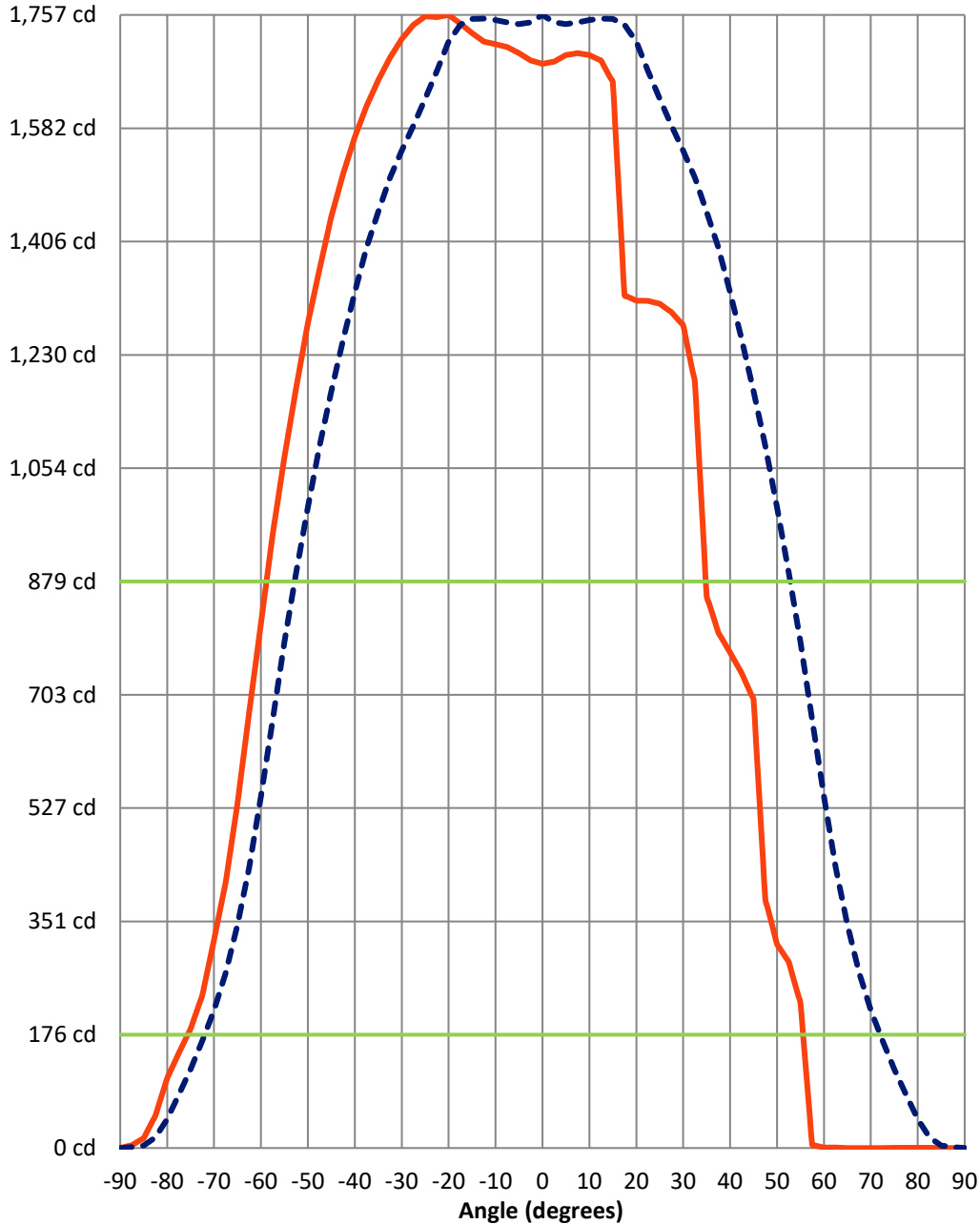
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 3221.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 4038.9
 Efficiency: 98.0%

Spill:
 Lumens: 81.9
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-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 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 |
| 82.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 |
| 80° | 0.0 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| 77.5° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| 75° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| 72.5° | 0.0 | 0.3 | 0.5 | 0.7 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| 70° | 0.0 | 0.3 | 0.6 | 0.8 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 |
| 67.5° | 0.0 | 0.4 | 0.6 | 0.8 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 0.9 | 0.9 |
| 65° | 0.0 | 0.4 | 0.7 | 0.9 | 0.9 | 1.0 | 1.0 | 0.8 | 1.0 | 1.2 | 1.5 |
| 62.5° | 0.0 | 0.4 | 0.8 | 0.9 | 1.0 | 1.3 | 1.2 | 1.1 | 1.4 | 2.1 | 3.3 |
| 60° | 0.0 | 0.5 | 0.8 | 0.9 | 1.0 | 1.5 | 1.4 | 1.5 | 1.9 | 5.2 | 5.7 |
| 57.5° | 0.0 | 0.5 | 0.9 | 1.0 | 1.3 | 1.8 | 2.6 | 2.0 | 5.1 | 8.9 | 10.3 |
| 55° | 0.0 | 0.6 | 0.9 | 1.0 | 1.6 | 2.1 | 4.1 | 3.3 | 9.5 | 13.7 | 16.7 |
| 52.5° | 0.0 | 0.6 | 0.9 | 1.0 | 1.9 | 2.7 | 5.9 | 8.2 | 14.2 | 21.4 | 24.2 |
| 50° | 0.0 | 0.6 | 1.0 | 1.1 | 2.3 | 4.7 | 7.9 | 13.9 | 20.3 | 30.1 | 37.7 |
| 47.5° | 0.0 | 0.7 | 1.0 | 1.2 | 2.6 | 6.7 | 10.7 | 19.8 | 29.3 | 39.6 | 51.6 |
| 45° | 0.0 | 0.7 | 1.1 | 1.4 | 3.0 | 9.0 | 16.1 | 26.0 | 39.3 | 51.6 | 65.0 |
| 42.5° | 0.0 | 0.7 | 1.1 | 1.7 | 3.4 | 11.3 | 21.6 | 33.9 | 49.5 | 63.3 | 80.6 |
| 40° | 0.0 | 0.8 | 1.2 | 2.1 | 4.5 | 13.8 | 27.3 | 42.9 | 60.0 | 74.8 | 97.2 |
| 37.5° | 0.0 | 0.8 | 1.2 | 2.5 | 6.5 | 16.4 | 33.1 | 51.9 | 71.0 | 88.6 | 114.6 |
| 35° | 0.0 | 0.8 | 1.3 | 3.0 | 8.5 | 20.4 | 38.9 | 60.9 | 82.2 | 105.5 | 135.1 |
| 32.5° | 0.0 | 0.9 | 1.3 | 3.6 | 10.5 | 25.1 | 45.3 | 69.8 | 93.5 | 122.6 | 160.0 |
| 30° | 0.0 | 0.9 | 1.4 | 4.2 | 12.5 | 29.7 | 52.6 | 78.8 | 105.0 | 139.7 | 183.9 |
| 27.5° | 0.0 | 0.9 | 1.4 | 4.8 | 15.0 | 34.2 | 59.7 | 88.3 | 117.5 | 156.7 | 206.8 |
| 25° | 0.0 | 0.9 | 1.5 | 5.5 | 17.6 | 38.7 | 66.6 | 97.6 | 131.7 | 175.4 | 228.6 |
| 22.5° | 0.0 | 1.0 | 1.5 | 6.2 | 20.2 | 43.2 | 73.4 | 106.7 | 145.6 | 194.0 | 250.7 |
| 20° | 0.0 | 1.0 | 1.5 | 6.9 | 22.7 | 48.1 | 79.9 | 115.7 | 159.1 | 211.5 | 272.2 |
| 17.5° | 0.0 | 1.0 | 1.6 | 7.6 | 25.2 | 52.8 | 86.4 | 124.4 | 172.2 | 228.0 | 293.1 |
| 15° | 0.0 | 1.0 | 1.6 | 8.4 | 27.6 | 57.4 | 92.6 | 132.5 | 184.8 | 243.4 | 313.1 |
| 12.5° | 0.0 | 1.0 | 1.7 | 9.1 | 30.0 | 61.7 | 98.4 | 139.7 | 194.8 | 257.6 | 332.2 |
| 10° | 0.0 | 1.1 | 1.7 | 9.8 | 32.2 | 65.8 | 103.7 | 146.4 | 202.3 | 266.2 | 347.7 |
| 7.5° | 0.0 | 1.1 | 1.8 | 10.5 | 34.4 | 69.6 | 108.7 | 152.5 | 208.7 | 272.8 | 356.8 |
| 5° | 0.0 | 1.1 | 1.8 | 11.2 | 36.4 | 73.2 | 113.2 | 157.9 | 214.0 | 278.1 | 364.2 |
| 2.5° | 0.0 | 1.1 | 1.9 | 11.8 | 38.2 | 76.4 | 117.2 | 162.8 | 218.3 | 282.2 | 369.8 |
| 0° | 0.0 | 1.1 | 1.9 | 12.4 | 39.8 | 79.2 | 120.8 | 167.0 | 221.7 | 285.1 | 373.7 |
| -2.5° | 0.0 | 1.2 | 2.2 | 13.2 | 41.3 | 81.0 | 122.6 | 169.5 | 222.9 | 288.8 | 376.2 |
| -5° | 0.0 | 1.2 | 2.5 | 13.9 | 42.6 | 82.4 | 123.9 | 171.2 | 223.3 | 291.2 | 377.0 |
| -7.5° | 0.0 | 1.3 | 2.8 | 14.6 | 43.7 | 83.5 | 124.7 | 172.4 | 223.0 | 292.2 | 376.2 |
| -10° | 0.0 | 1.3 | 3.0 | 15.2 | 44.4 | 84.1 | 125.1 | 172.8 | 222.1 | 291.6 | 373.8 |
| -12.5° | 0.0 | 1.4 | 3.3 | 15.7 | 45.0 | 84.4 | 125.0 | 172.5 | 220.5 | 289.3 | 369.7 |
| -15° | 0.0 | 1.4 | 3.5 | 16.0 | 45.2 | 84.3 | 124.5 | 171.5 | 218.8 | 284.7 | 363.7 |
| -17.5° | 0.0 | 1.5 | 3.7 | 16.3 | 45.2 | 83.7 | 123.6 | 169.4 | 216.7 | 278.9 | 356.0 |
| -20° | 0.0 | 1.5 | 3.9 | 16.5 | 44.9 | 82.9 | 122.2 | 166.4 | 213.7 | 272.1 | 346.4 |

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CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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 | 1.5 | 4.1 | 16.5 | 44.2 | 81.6 | 120.1 | 162.9 | 209.7 | 264.2 | 335.1 |
| -25° | 0.0 | 1.6 | 4.3 | 16.4 | 43.3 | 79.6 | 117.6 | 158.8 | 204.9 | 255.4 | 322.0 |
| -27.5° | 0.0 | 1.6 | 4.4 | 16.2 | 42.0 | 77.2 | 114.6 | 154.1 | 199.1 | 246.8 | 310.3 |
| -30° | 0.0 | 1.6 | 4.5 | 15.9 | 40.4 | 74.4 | 111.2 | 148.9 | 192.7 | 239.5 | 297.9 |
| -32.5° | 0.0 | 1.6 | 4.6 | 15.4 | 38.6 | 71.3 | 107.3 | 144.1 | 186.0 | 231.2 | 284.6 |
| -35° | 0.0 | 1.6 | 4.7 | 14.8 | 36.5 | 67.9 | 103.0 | 139.0 | 178.7 | 221.7 | 270.5 |
| -37.5° | 0.0 | 1.6 | 4.7 | 14.1 | 34.3 | 64.4 | 98.5 | 133.4 | 170.9 | 211.0 | 256.6 |
| -40° | 0.0 | 1.6 | 4.7 | 13.2 | 31.8 | 61.3 | 93.6 | 127.2 | 162.5 | 201.0 | 242.9 |
| -42.5° | 0.0 | 1.6 | 4.7 | 12.2 | 30.0 | 57.9 | 88.3 | 120.6 | 154.5 | 190.4 | 228.1 |
| -45° | 0.0 | 1.5 | 4.6 | 11.3 | 28.7 | 54.4 | 82.7 | 113.7 | 146.3 | 179.0 | 212.7 |
| -47.5° | 0.0 | 1.5 | 4.6 | 10.2 | 27.2 | 50.6 | 76.9 | 106.8 | 137.5 | 167.2 | 199.4 |
| -50° | 0.0 | 1.4 | 4.4 | 9.8 | 25.5 | 46.6 | 71.9 | 99.6 | 127.8 | 156.3 | 185.5 |
| -52.5° | 0.0 | 1.4 | 4.3 | 9.6 | 23.5 | 42.4 | 67.0 | 92.1 | 118.5 | 145.1 | 171.2 |
| -55° | 0.0 | 1.3 | 4.1 | 9.3 | 21.4 | 39.3 | 61.9 | 84.4 | 109.2 | 133.5 | 158.6 |
| -57.5° | 0.0 | 1.3 | 3.9 | 8.9 | 19.0 | 36.1 | 56.5 | 78.4 | 99.6 | 122.5 | 145.6 |
| -60° | 0.0 | 1.2 | 3.7 | 8.4 | 16.5 | 32.6 | 51.1 | 71.7 | 89.9 | 111.4 | 132.7 |
| -62.5° | 0.0 | 1.1 | 3.5 | 7.8 | 15.4 | 28.8 | 46.2 | 64.4 | 81.0 | 99.9 | 120.1 |
| -65° | 0.0 | 1.0 | 3.2 | 7.1 | 14.0 | 24.8 | 40.9 | 56.8 | 71.5 | 88.4 | 107.1 |
| -67.5° | 0.0 | 1.0 | 3.0 | 6.4 | 12.5 | 21.5 | 35.3 | 49.3 | 61.6 | 76.4 | 93.2 |
| -70° | 0.0 | 0.9 | 2.7 | 5.5 | 10.9 | 18.8 | 29.4 | 41.6 | 52.6 | 63.9 | 78.3 |
| -72.5° | 0.0 | 0.8 | 2.4 | 4.9 | 9.1 | 15.9 | 24.8 | 33.7 | 43.5 | 53.5 | 63.6 |
| -75° | 0.0 | 0.7 | 2.1 | 4.2 | 7.3 | 12.8 | 20.3 | 27.1 | 34.2 | 42.9 | 51.7 |
| -77.5° | 0.0 | 0.6 | 1.7 | 3.6 | 6.0 | 9.6 | 15.5 | 21.0 | 26.6 | 32.7 | 39.7 |
| -80° | 0.0 | 0.4 | 1.4 | 2.9 | 4.8 | 7.3 | 10.6 | 14.7 | 19.0 | 23.8 | 28.9 |
| -82.5° | 0.0 | 0.3 | 1.1 | 2.2 | 3.7 | 5.5 | 7.8 | 9.4 | 11.4 | 14.7 | 18.3 |
| -85° | 0.0 | 0.2 | 0.7 | 1.5 | 2.5 | 3.7 | 5.2 | 6.3 | 7.4 | 8.6 | 9.8 |
| -87.5° | 0.0 | 0.1 | 0.4 | 0.7 | 1.2 | 1.9 | 2.6 | 3.1 | 3.7 | 4.3 | 4.9 |
| -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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 75° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 70° | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| 67.5° | 0.8 | 0.7 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 | 0.4 |
| 65° | 0.8 | 0.7 | 1.0 | 1.1 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.6 | 0.6 |
| 62.5° | 1.2 | 1.4 | 1.8 | 3.2 | 2.4 | 0.7 | 1.3 | 1.5 | 1.1 | 0.9 | 1.0 |
| 60° | 3.7 | 2.5 | 7.4 | 10.6 | 6.6 | 2.4 | 3.0 | 9.8 | 8.5 | 1.6 | 5.3 |
| 57.5° | 7.7 | 10.6 | 19.5 | 19.8 | 13.7 | 9.5 | 27.5 | 31.8 | 24.1 | 14.0 | 21.5 |
| 55° | 17.0 | 26.0 | 32.3 | 29.9 | 32.6 | 49.4 | 58.7 | 52.7 | 44.4 | 68.3 | 87.3 |
| 52.5° | 33.1 | 42.4 | 44.5 | 51.1 | 73.2 | 84.1 | 80.6 | 86.1 | 111.8 | 138.8 | 144.7 |
| 50° | 48.9 | 56.5 | 62.5 | 90.3 | 107.5 | 108.6 | 116.6 | 142.0 | 176.1 | 192.6 | 188.6 |
| 47.5° | 64.2 | 72.1 | 99.6 | 126.3 | 134.1 | 144.7 | 164.8 | 213.7 | 249.8 | 250.5 | 246.5 |
| 45° | 80.3 | 101.3 | 136.5 | 153.9 | 166.5 | 187.1 | 235.5 | 302.9 | 306.4 | 316.3 | 376.6 |
| 42.5° | 97.6 | 134.4 | 165.1 | 183.2 | 203.6 | 241.9 | 306.5 | 350.7 | 366.0 | 408.9 | 457.4 |
| 40° | 125.5 | 166.3 | 193.2 | 216.4 | 242.5 | 298.4 | 369.2 | 410.6 | 423.0 | 460.2 | 496.6 |
| 37.5° | 153.8 | 193.0 | 223.1 | 251.1 | 287.3 | 362.8 | 444.6 | 478.8 | 485.1 | 491.8 | 572.6 |
| 35° | 181.1 | 220.4 | 256.4 | 293.0 | 337.4 | 446.1 | 517.6 | 549.8 | 548.7 | 594.6 | 679.2 |
| 32.5° | 206.7 | 248.3 | 290.8 | 339.8 | 413.1 | 524.4 | 596.0 | 615.2 | 644.4 | 711.2 | 826.6 |
| 30° | 232.2 | 279.5 | 328.3 | 386.6 | 479.5 | 576.0 | 657.7 | 688.6 | 738.7 | 814.8 | 898.9 |
| 27.5° | 258.5 | 311.5 | 370.5 | 438.8 | 531.9 | 620.6 | 690.4 | 764.4 | 813.0 | 881.3 | 941.1 |
| 25° | 284.6 | 345.4 | 412.1 | 484.5 | 569.3 | 652.0 | 724.2 | 809.7 | 861.9 | 916.9 | 972.7 |
| 22.5° | 312.0 | 379.7 | 455.1 | 520.6 | 600.9 | 678.8 | 764.7 | 857.4 | 925.3 | 960.3 | 997.7 |
| 20° | 340.7 | 416.8 | 497.2 | 569.9 | 632.1 | 703.6 | 805.3 | 918.0 | 1005.6 | 1044.9 | 1050.1 |
| 17.5° | 368.9 | 452.8 | 539.3 | 617.9 | 685.1 | 748.7 | 848.0 | 990.5 | 1099.5 | 1136.1 | 1152.4 |
| 15° | 396.5 | 487.4 | 581.1 | 664.7 | 738.4 | 816.1 | 922.2 | 1067.2 | 1191.7 | 1232.2 | 1257.9 |
| 12.5° | 423.1 | 520.4 | 622.2 | 709.9 | 791.7 | 879.0 | 989.6 | 1122.3 | 1236.0 | 1314.3 | 1361.3 |
| 10° | 448.4 | 551.6 | 662.1 | 753.3 | 844.4 | 937.2 | 1045.4 | 1163.4 | 1255.9 | 1331.5 | 1398.1 |
| 7.5° | 461.2 | 572.0 | 696.4 | 794.6 | 895.8 | 991.0 | 1091.0 | 1192.3 | 1270.3 | 1344.4 | 1408.8 |
| 5° | 469.9 | 580.3 | 707.1 | 809.0 | 923.1 | 1027.0 | 1124.0 | 1211.4 | 1279.6 | 1353.0 | 1416.0 |
| 2.5° | 476.1 | 585.7 | 714.4 | 816.8 | 933.4 | 1038.0 | 1133.6 | 1217.7 | 1287.4 | 1359.3 | 1423.8 |
| 0° | 479.9 | 588.3 | 718.1 | 821.7 | 939.8 | 1045.3 | 1139.1 | 1220.1 | 1292.5 | 1362.3 | 1431.7 |
| -2.5° | 482.0 | 596.2 | 720.6 | 834.1 | 946.0 | 1051.6 | 1146.8 | 1225.9 | 1301.6 | 1368.0 | 1437.5 |
| -5° | 481.7 | 600.9 | 719.9 | 842.5 | 949.0 | 1054.0 | 1150.7 | 1228.5 | 1306.5 | 1372.2 | 1439.9 |
| -7.5° | 479.1 | 602.0 | 716.6 | 845.1 | 949.2 | 1053.2 | 1149.0 | 1229.8 | 1306.4 | 1376.1 | 1440.2 |
| -10° | 474.4 | 597.7 | 713.7 | 838.3 | 945.5 | 1048.9 | 1143.8 | 1227.0 | 1303.4 | 1375.4 | 1439.0 |
| -12.5° | 468.9 | 588.9 | 707.4 | 828.6 | 938.1 | 1040.9 | 1135.9 | 1220.0 | 1297.7 | 1369.5 | 1436.1 |
| -15° | 460.7 | 577.3 | 697.1 | 816.2 | 926.8 | 1029.3 | 1125.7 | 1208.6 | 1288.9 | 1359.2 | 1427.6 |
| -17.5° | 449.6 | 562.8 | 682.7 | 801.5 | 911.7 | 1014.1 | 1112.5 | 1193.4 | 1273.4 | 1346.0 | 1412.0 |
| -20° | 435.6 | 545.7 | 663.9 | 784.7 | 892.4 | 993.8 | 1089.1 | 1173.8 | 1253.2 | 1327.1 | 1396.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 418.7 | 526.0 | 641.3 | 762.2 | 868.4 | 968.6 | 1062.8 | 1148.8 | 1231.1 | 1302.6 | 1376.5 |
| -25° | 401.8 | 505.1 | 616.3 | 730.9 | 840.5 | 940.3 | 1034.8 | 1118.6 | 1202.6 | 1277.0 | 1347.2 |
| -27.5° | 385.6 | 481.0 | 587.2 | 696.5 | 808.9 | 908.2 | 1001.8 | 1085.7 | 1167.3 | 1248.6 | 1316.2 |
| -30° | 367.4 | 453.1 | 555.4 | 659.8 | 769.3 | 870.5 | 964.8 | 1051.8 | 1129.5 | 1209.7 | 1282.3 |
| -32.5° | 347.3 | 423.4 | 521.8 | 622.2 | 725.5 | 828.9 | 922.4 | 1008.8 | 1089.6 | 1165.5 | 1241.7 |
| -35° | 327.7 | 399.5 | 486.2 | 581.9 | 679.1 | 780.5 | 874.0 | 959.6 | 1043.5 | 1118.7 | 1191.5 |
| -37.5° | 310.0 | 373.6 | 448.3 | 539.7 | 632.6 | 728.6 | 823.7 | 906.5 | 986.4 | 1069.1 | 1140.0 |
| -40° | 290.9 | 345.8 | 415.6 | 496.3 | 583.9 | 675.1 | 766.2 | 851.9 | 927.0 | 1008.7 | 1086.7 |
| -42.5° | 270.9 | 323.1 | 383.2 | 450.4 | 533.0 | 619.0 | 707.0 | 790.8 | 868.8 | 945.8 | 1023.2 |
| -45° | 253.4 | 299.1 | 350.3 | 411.7 | 479.0 | 559.8 | 643.1 | 726.7 | 801.5 | 875.0 | 951.3 |
| -47.5° | 234.8 | 275.0 | 322.3 | 371.4 | 429.8 | 497.5 | 575.7 | 652.8 | 729.4 | 799.3 | 866.9 |
| -50° | 216.3 | 253.3 | 292.2 | 336.3 | 384.6 | 439.4 | 504.4 | 576.1 | 646.0 | 717.8 | 784.7 |
| -52.5° | 200.2 | 230.5 | 265.6 | 302.4 | 343.8 | 389.1 | 441.2 | 500.1 | 563.7 | 624.6 | 691.4 |
| -55° | 183.6 | 210.9 | 239.3 | 271.7 | 306.0 | 344.4 | 387.0 | 436.5 | 485.0 | 541.4 | 595.9 |
| -57.5° | 168.5 | 191.5 | 215.7 | 242.5 | 272.3 | 303.0 | 340.3 | 378.7 | 422.8 | 466.6 | 509.7 |
| -60° | 154.2 | 173.0 | 193.5 | 216.2 | 240.2 | 267.5 | 295.3 | 328.4 | 363.8 | 398.7 | 435.4 |
| -62.5° | 139.8 | 155.6 | 172.4 | 191.2 | 212.1 | 232.8 | 256.5 | 282.0 | 308.1 | 337.7 | 366.6 |
| -65° | 125.0 | 137.8 | 152.0 | 167.6 | 184.3 | 201.9 | 220.1 | 239.0 | 261.2 | 282.9 | 303.9 |
| -67.5° | 109.3 | 120.2 | 131.7 | 144.0 | 158.0 | 171.8 | 185.6 | 201.5 | 217.8 | 233.9 | 250.5 |
| -70° | 91.9 | 102.2 | 111.8 | 121.7 | 132.1 | 142.9 | 154.7 | 166.4 | 177.9 | 190.0 | 203.3 |
| -72.5° | 74.2 | 83.7 | 92.1 | 99.4 | 108.0 | 117.0 | 125.5 | 133.7 | 142.4 | 151.6 | 160.7 |
| -75° | 59.2 | 65.5 | 73.0 | 79.8 | 86.6 | 92.9 | 98.6 | 105.5 | 112.8 | 119.5 | 124.9 |
| -77.5° | 46.2 | 51.9 | 57.0 | 61.6 | 67.1 | 73.4 | 78.9 | 83.6 | 88.2 | 93.3 | 98.6 |
| -80° | 33.6 | 38.3 | 43.0 | 47.2 | 50.4 | 54.0 | 58.2 | 63.0 | 67.2 | 70.7 | 73.8 |
| -82.5° | 21.7 | 25.1 | 28.6 | 32.1 | 33.5 | 34.5 | 35.5 | 37.1 | 39.7 | 42.3 | 44.8 |
| -85° | 10.8 | 11.8 | 13.9 | 16.1 | 16.9 | 17.4 | 17.7 | 17.9 | 18.8 | 19.6 | 20.3 |
| -87.5° | 5.4 | 5.9 | 6.4 | 6.9 | 6.6 | 6.3 | 5.8 | 5.3 | 5.2 | 5.0 | 4.8 |
| -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: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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° | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.2 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 75° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 72.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 70° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 67.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 |
| 65° | 0.6 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 |
| 62.5° | 1.0 | 1.1 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| 60° | 5.9 | 3.4 | 2.0 | 2.4 | 2.1 | 1.4 | 1.8 | 2.1 | 2.1 | 2.0 | 1.7 |
| 57.5° | 32.6 | 24.4 | 18.1 | 43.1 | 43.2 | 20.6 | 24.9 | 39.0 | 32.1 | 10.5 | 9.8 |
| 55° | 90.7 | 108.5 | 142.8 | 135.6 | 137.9 | 158.6 | 173.1 | 153.3 | 150.3 | 160.1 | 185.0 |
| 52.5° | 163.0 | 179.9 | 191.5 | 202.3 | 215.4 | 229.6 | 244.1 | 253.4 | 262.0 | 271.2 | 276.7 |
| 50° | 208.1 | 232.0 | 248.5 | 242.4 | 276.4 | 290.3 | 276.2 | 288.8 | 304.2 | 308.4 | 310.4 |
| 47.5° | 307.3 | 342.4 | 349.3 | 371.9 | 392.2 | 391.7 | 374.5 | 375.5 | 421.3 | 461.8 | 481.6 |
| 45° | 441.7 | 442.9 | 464.9 | 504.8 | 533.3 | 524.3 | 548.3 | 603.0 | 621.2 | 638.8 | 653.2 |
| 42.5° | 494.0 | 515.7 | 550.9 | 586.1 | 607.4 | 625.8 | 643.6 | 663.6 | 687.3 | 706.4 | 721.8 |
| 40° | 544.7 | 562.2 | 598.2 | 626.5 | 644.1 | 661.3 | 682.1 | 704.4 | 726.0 | 742.8 | 754.3 |
| 37.5° | 622.7 | 636.2 | 645.0 | 671.3 | 704.6 | 689.3 | 728.7 | 756.9 | 769.7 | 786.8 | 788.4 |
| 35° | 740.7 | 731.7 | 720.0 | 824.9 | 831.2 | 795.8 | 832.6 | 876.3 | 853.3 | 901.3 | 927.1 |
| 32.5° | 845.3 | 844.0 | 935.5 | 990.7 | 959.0 | 984.9 | 1069.7 | 1065.9 | 1122.5 | 1148.7 | 1141.3 |
| 30° | 943.9 | 977.5 | 1030.5 | 1071.6 | 1077.0 | 1117.9 | 1155.5 | 1188.5 | 1222.7 | 1253.3 | 1255.4 |
| 27.5° | 993.9 | 1037.8 | 1073.8 | 1097.5 | 1124.0 | 1158.4 | 1192.6 | 1229.7 | 1258.8 | 1278.0 | 1282.7 |
| 25° | 1024.2 | 1069.1 | 1096.2 | 1121.8 | 1151.1 | 1180.8 | 1219.0 | 1259.5 | 1282.8 | 1294.7 | 1298.5 |
| 22.5° | 1050.9 | 1091.2 | 1120.4 | 1141.2 | 1172.7 | 1204.6 | 1240.3 | 1274.5 | 1299.8 | 1305.0 | 1307.0 |
| 20° | 1076.6 | 1115.3 | 1164.1 | 1194.7 | 1193.2 | 1229.1 | 1263.5 | 1290.8 | 1311.9 | 1311.7 | 1312.3 |
| 17.5° | 1150.9 | 1164.7 | 1253.4 | 1320.7 | 1287.3 | 1269.8 | 1364.4 | 1366.2 | 1371.8 | 1360.6 | 1336.4 |
| 15° | 1260.9 | 1286.1 | 1395.0 | 1468.0 | 1445.0 | 1443.8 | 1580.5 | 1546.5 | 1575.7 | 1568.1 | 1600.9 |
| 12.5° | 1377.4 | 1407.2 | 1488.6 | 1560.3 | 1594.5 | 1602.8 | 1648.5 | 1691.2 | 1700.0 | 1696.5 | 1690.1 |
| 10° | 1456.8 | 1499.3 | 1532.0 | 1575.5 | 1609.9 | 1645.0 | 1671.5 | 1702.2 | 1712.2 | 1706.4 | 1698.2 |
| 7.5° | 1467.2 | 1509.1 | 1547.5 | 1585.7 | 1618.5 | 1646.8 | 1674.2 | 1699.2 | 1709.4 | 1706.0 | 1700.4 |
| 5° | 1473.7 | 1511.7 | 1548.9 | 1587.7 | 1619.0 | 1645.3 | 1672.6 | 1697.9 | 1704.0 | 1699.9 | 1694.4 |
| 2.5° | 1477.8 | 1513.0 | 1548.8 | 1587.4 | 1615.9 | 1640.8 | 1668.5 | 1695.5 | 1695.5 | 1693.7 | 1690.5 |
| 0° | 1479.7 | 1515.0 | 1556.6 | 1591.5 | 1623.4 | 1647.1 | 1674.5 | 1700.7 | 1698.8 | 1694.0 | 1688.3 |
| -2.5° | 1483.9 | 1519.7 | 1562.2 | 1591.1 | 1627.0 | 1648.7 | 1677.0 | 1699.7 | 1698.9 | 1696.5 | 1693.7 |
| -5° | 1487.7 | 1527.9 | 1567.7 | 1598.1 | 1634.1 | 1662.4 | 1690.5 | 1708.3 | 1709.3 | 1705.9 | 1701.3 |
| -7.5° | 1490.0 | 1534.6 | 1572.5 | 1603.1 | 1638.0 | 1670.9 | 1699.4 | 1718.1 | 1718.5 | 1714.1 | 1708.4 |
| -10° | 1489.3 | 1536.3 | 1575.3 | 1606.9 | 1642.7 | 1675.2 | 1705.0 | 1728.7 | 1727.9 | 1723.7 | 1718.9 |
| -12.5° | 1486.5 | 1533.4 | 1573.5 | 1605.2 | 1645.8 | 1679.3 | 1712.8 | 1736.4 | 1737.6 | 1734.5 | 1729.3 |
| -15° | 1480.3 | 1528.7 | 1567.8 | 1602.4 | 1642.2 | 1681.3 | 1715.7 | 1741.7 | 1746.4 | 1743.8 | 1739.7 |
| -17.5° | 1468.0 | 1519.2 | 1560.6 | 1597.9 | 1636.1 | 1677.7 | 1717.0 | 1745.4 | 1751.7 | 1750.7 | 1747.3 |
| -20° | 1452.0 | 1504.8 | 1546.8 | 1585.8 | 1627.4 | 1670.4 | 1716.0 | 1742.0 | 1751.1 | 1751.7 | 1749.4 |



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1433.9 | 1485.7 | 1530.2 | 1568.6 | 1613.7 | 1657.2 | 1698.5 | 1728.9 | 1744.3 | 1747.2 | 1747.4 |
| -25° | 1412.3 | 1465.5 | 1509.7 | 1550.6 | 1592.6 | 1637.5 | 1679.2 | 1713.2 | 1728.8 | 1736.3 | 1738.6 |
| -27.5° | 1381.8 | 1436.7 | 1480.3 | 1523.5 | 1566.1 | 1612.5 | 1656.4 | 1693.3 | 1706.1 | 1716.4 | 1720.5 |
| -30° | 1346.0 | 1400.4 | 1444.8 | 1484.2 | 1533.1 | 1580.4 | 1625.7 | 1657.9 | 1677.1 | 1688.8 | 1695.3 |
| -32.5° | 1304.9 | 1359.7 | 1406.4 | 1447.6 | 1494.0 | 1541.3 | 1583.9 | 1617.9 | 1644.3 | 1657.9 | 1664.8 |
| -35° | 1260.3 | 1316.3 | 1365.1 | 1408.6 | 1452.2 | 1497.3 | 1541.5 | 1577.0 | 1607.1 | 1618.8 | 1627.4 |
| -37.5° | 1206.5 | 1268.3 | 1318.3 | 1363.1 | 1404.7 | 1447.0 | 1493.0 | 1533.6 | 1562.9 | 1574.2 | 1583.3 |
| -40° | 1151.4 | 1211.1 | 1261.5 | 1309.3 | 1350.4 | 1396.7 | 1440.9 | 1483.4 | 1508.9 | 1522.1 | 1532.3 |
| -42.5° | 1093.2 | 1147.1 | 1195.1 | 1241.5 | 1287.2 | 1334.8 | 1379.1 | 1423.3 | 1445.3 | 1461.2 | 1473.8 |
| -45° | 1025.9 | 1076.1 | 1122.8 | 1166.2 | 1213.3 | 1260.1 | 1304.4 | 1343.5 | 1369.7 | 1390.4 | 1406.5 |
| -47.5° | 936.3 | 997.4 | 1044.3 | 1085.6 | 1132.3 | 1177.5 | 1220.4 | 1257.2 | 1285.8 | 1310.0 | 1328.7 |
| -50° | 845.3 | 904.0 | 956.8 | 1003.2 | 1046.6 | 1088.3 | 1129.2 | 1165.1 | 1195.5 | 1221.7 | 1240.7 |
| -52.5° | 755.7 | 810.6 | 863.0 | 910.9 | 952.6 | 992.1 | 1029.5 | 1065.6 | 1097.6 | 1125.6 | 1144.0 |
| -55° | 654.4 | 711.3 | 763.2 | 807.9 | 849.5 | 888.5 | 925.4 | 959.7 | 991.2 | 1019.7 | 1037.3 |
| -57.5° | 559.4 | 609.3 | 657.5 | 698.8 | 738.1 | 775.2 | 810.2 | 843.1 | 873.4 | 900.3 | 917.2 |
| -60° | 472.0 | 508.4 | 549.9 | 588.0 | 622.8 | 654.4 | 687.1 | 717.8 | 745.6 | 769.3 | 785.0 |
| -62.5° | 394.8 | 425.0 | 455.0 | 483.9 | 512.2 | 540.6 | 567.9 | 593.3 | 616.6 | 636.0 | 649.8 |
| -65° | 326.1 | 350.3 | 372.0 | 392.5 | 412.1 | 434.5 | 455.3 | 474.8 | 492.9 | 507.8 | 518.3 |
| -67.5° | 268.5 | 285.5 | 300.5 | 314.6 | 330.0 | 345.9 | 360.7 | 373.6 | 384.7 | 393.5 | 400.4 |
| -70° | 216.5 | 229.0 | 240.3 | 251.6 | 262.8 | 273.1 | 282.9 | 292.4 | 301.5 | 308.8 | 314.4 |
| -72.5° | 169.6 | 178.1 | 185.8 | 194.5 | 202.6 | 210.4 | 217.2 | 222.7 | 226.9 | 231.1 | 234.7 |
| -75° | 129.3 | 135.7 | 144.4 | 151.7 | 157.8 | 163.1 | 168.0 | 172.4 | 176.2 | 179.6 | 182.6 |
| -77.5° | 104.0 | 109.5 | 115.0 | 120.3 | 125.5 | 129.3 | 132.9 | 136.5 | 140.0 | 143.0 | 145.7 |
| -80° | 77.1 | 81.1 | 85.4 | 89.7 | 94.0 | 96.1 | 97.8 | 99.3 | 100.7 | 102.5 | 104.2 |
| -82.5° | 47.1 | 49.4 | 51.8 | 54.2 | 56.6 | 57.2 | 57.4 | 57.3 | 57.0 | 56.4 | 55.4 |
| -85° | 20.9 | 21.1 | 21.0 | 20.8 | 20.4 | 19.6 | 18.5 | 17.4 | 16.1 | 15.9 | 15.6 |
| -87.5° | 4.6 | 4.5 | 4.4 | 4.2 | 4.1 | 4.1 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 |
| -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: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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 | 0.1 |
| 85° | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.4 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 75° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 72.5° | 0.4 | 0.4 | 0.2 | 0.0 | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 70° | 0.4 | 0.4 | 0.2 | 0.0 | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 67.5° | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.4 | 0.4 | 0.4 |
| 65° | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 |
| 62.5° | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 60° | 1.4 | 0.9 | 0.8 | 0.8 | 0.8 | 0.9 | 1.4 | 1.7 | 2.0 | 2.1 | 2.1 |
| 57.5° | 8.3 | 6.2 | 5.3 | 4.9 | 5.3 | 6.2 | 8.3 | 9.8 | 10.5 | 32.1 | 39.0 |
| 55° | 202.8 | 213.1 | 220.8 | 224.4 | 220.8 | 213.1 | 202.8 | 185.0 | 160.1 | 150.3 | 153.3 |
| 52.5° | 281.5 | 286.0 | 288.6 | 288.5 | 288.6 | 286.0 | 281.5 | 276.7 | 271.2 | 262.0 | 253.4 |
| 50° | 313.8 | 316.0 | 316.8 | 316.3 | 316.8 | 316.0 | 313.8 | 310.4 | 308.4 | 304.2 | 288.8 |
| 47.5° | 463.5 | 423.4 | 393.9 | 386.8 | 393.9 | 423.4 | 463.5 | 481.6 | 461.8 | 421.3 | 375.5 |
| 45° | 660.1 | 675.3 | 690.5 | 695.2 | 690.5 | 675.3 | 660.1 | 653.2 | 638.8 | 621.2 | 603.0 |
| 42.5° | 728.2 | 733.2 | 736.0 | 736.1 | 736.0 | 733.2 | 728.2 | 721.8 | 706.4 | 687.3 | 663.6 |
| 40° | 760.7 | 765.4 | 768.1 | 768.4 | 768.1 | 765.4 | 760.7 | 754.3 | 742.8 | 726.0 | 704.4 |
| 37.5° | 790.2 | 794.2 | 796.9 | 799.5 | 796.9 | 794.2 | 790.2 | 788.4 | 786.8 | 769.7 | 756.9 |
| 35° | 923.6 | 893.4 | 850.0 | 856.6 | 850.0 | 893.4 | 923.6 | 927.1 | 901.3 | 853.3 | 876.3 |
| 32.5° | 1153.0 | 1165.6 | 1173.6 | 1187.1 | 1173.6 | 1165.6 | 1153.0 | 1141.3 | 1148.7 | 1122.5 | 1065.9 |
| 30° | 1258.8 | 1262.9 | 1269.3 | 1276.0 | 1269.3 | 1262.9 | 1258.8 | 1255.4 | 1253.3 | 1222.7 | 1188.5 |
| 27.5° | 1285.2 | 1289.5 | 1293.4 | 1296.3 | 1293.4 | 1289.5 | 1285.2 | 1282.7 | 1278.0 | 1258.8 | 1229.7 |
| 25° | 1299.0 | 1301.7 | 1305.8 | 1309.4 | 1305.8 | 1301.7 | 1299.0 | 1298.5 | 1294.7 | 1282.8 | 1259.5 |
| 22.5° | 1305.9 | 1306.1 | 1309.4 | 1313.9 | 1309.4 | 1306.1 | 1305.9 | 1307.0 | 1305.0 | 1299.8 | 1274.5 |
| 20° | 1310.6 | 1308.0 | 1311.3 | 1314.3 | 1311.3 | 1308.0 | 1310.6 | 1312.3 | 1311.7 | 1311.9 | 1290.8 |
| 17.5° | 1370.6 | 1336.3 | 1322.3 | 1322.5 | 1322.3 | 1336.3 | 1370.6 | 1336.4 | 1360.6 | 1371.8 | 1366.2 |
| 15° | 1564.0 | 1576.9 | 1626.1 | 1652.7 | 1626.1 | 1576.9 | 1564.0 | 1600.9 | 1568.1 | 1575.7 | 1546.5 |
| 12.5° | 1688.9 | 1684.4 | 1678.5 | 1686.5 | 1678.5 | 1684.4 | 1688.9 | 1690.1 | 1696.5 | 1700.0 | 1691.2 |
| 10° | 1694.7 | 1694.2 | 1683.8 | 1695.1 | 1683.8 | 1694.2 | 1694.7 | 1698.2 | 1706.4 | 1712.2 | 1702.2 |
| 7.5° | 1691.1 | 1691.4 | 1687.1 | 1698.1 | 1687.1 | 1691.4 | 1691.1 | 1700.4 | 1706.0 | 1709.4 | 1699.2 |
| 5° | 1693.5 | 1685.9 | 1688.8 | 1695.1 | 1688.8 | 1685.9 | 1693.5 | 1694.4 | 1699.9 | 1704.0 | 1697.9 |
| 2.5° | 1686.9 | 1686.1 | 1680.5 | 1685.0 | 1680.5 | 1686.1 | 1686.9 | 1690.5 | 1693.7 | 1695.5 | 1695.5 |
| 0° | 1682.0 | 1677.8 | 1677.8 | 1681.6 | 1677.8 | 1677.8 | 1682.0 | 1688.3 | 1694.0 | 1698.8 | 1700.7 |
| -2.5° | 1690.8 | 1690.0 | 1689.4 | 1686.8 | 1689.4 | 1690.0 | 1690.8 | 1693.7 | 1696.5 | 1698.9 | 1699.7 |
| -5° | 1698.1 | 1695.9 | 1689.7 | 1698.1 | 1689.7 | 1695.9 | 1698.1 | 1701.3 | 1705.9 | 1709.3 | 1708.3 |
| -7.5° | 1706.0 | 1700.3 | 1694.5 | 1707.5 | 1694.5 | 1700.3 | 1706.0 | 1708.4 | 1714.1 | 1718.5 | 1718.1 |
| -10° | 1713.1 | 1704.9 | 1699.2 | 1712.0 | 1699.2 | 1704.9 | 1713.1 | 1718.9 | 1723.7 | 1727.9 | 1728.7 |
| -12.5° | 1722.6 | 1713.0 | 1709.2 | 1716.1 | 1709.2 | 1713.0 | 1722.6 | 1729.3 | 1734.5 | 1737.6 | 1736.4 |
| -15° | 1732.7 | 1726.1 | 1725.2 | 1729.2 | 1725.2 | 1726.1 | 1732.7 | 1739.7 | 1743.8 | 1746.4 | 1741.7 |
| -17.5° | 1741.6 | 1736.9 | 1739.2 | 1743.9 | 1739.2 | 1736.9 | 1741.6 | 1747.3 | 1750.7 | 1751.7 | 1745.4 |
| -20° | 1745.8 | 1743.2 | 1745.8 | 1757.4 | 1745.8 | 1743.2 | 1745.8 | 1749.4 | 1751.7 | 1751.1 | 1742.0 |



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1745.4 | 1745.6 | 1750.2 | 1754.0 | 1750.2 | 1745.6 | 1745.4 | 1747.4 | 1747.2 | 1744.3 | 1728.9 |
| -25° | 1738.8 | 1742.3 | 1747.5 | 1755.1 | 1747.5 | 1742.3 | 1738.8 | 1738.6 | 1736.3 | 1728.8 | 1713.2 |
| -27.5° | 1722.7 | 1728.6 | 1734.0 | 1742.0 | 1734.0 | 1728.6 | 1722.7 | 1720.5 | 1716.4 | 1706.1 | 1693.3 |
| -30° | 1699.5 | 1706.4 | 1711.3 | 1719.9 | 1711.3 | 1706.4 | 1699.5 | 1695.3 | 1688.8 | 1677.1 | 1657.9 |
| -32.5° | 1671.2 | 1679.1 | 1684.9 | 1691.0 | 1684.9 | 1679.1 | 1671.2 | 1664.8 | 1657.9 | 1644.3 | 1617.9 |
| -35° | 1635.9 | 1644.4 | 1650.6 | 1656.1 | 1650.6 | 1644.4 | 1635.9 | 1627.4 | 1618.8 | 1607.1 | 1577.0 |
| -37.5° | 1593.5 | 1602.6 | 1609.6 | 1615.9 | 1609.6 | 1602.6 | 1593.5 | 1583.3 | 1574.2 | 1562.9 | 1533.6 |
| -40° | 1544.0 | 1553.4 | 1560.9 | 1567.9 | 1560.9 | 1553.4 | 1544.0 | 1532.3 | 1522.1 | 1508.9 | 1483.4 |
| -42.5° | 1486.2 | 1495.6 | 1503.4 | 1510.5 | 1503.4 | 1495.6 | 1486.2 | 1473.8 | 1461.2 | 1445.3 | 1423.3 |
| -45° | 1419.4 | 1429.1 | 1437.3 | 1444.8 | 1437.3 | 1429.1 | 1419.4 | 1406.5 | 1390.4 | 1369.7 | 1343.5 |
| -47.5° | 1342.5 | 1352.9 | 1359.9 | 1363.4 | 1359.9 | 1352.9 | 1342.5 | 1328.7 | 1310.0 | 1285.8 | 1257.2 |
| -50° | 1254.4 | 1264.7 | 1273.2 | 1279.4 | 1273.2 | 1264.7 | 1254.4 | 1240.7 | 1221.7 | 1195.5 | 1165.1 |
| -52.5° | 1157.3 | 1167.2 | 1174.4 | 1178.8 | 1174.4 | 1167.2 | 1157.3 | 1144.0 | 1125.6 | 1097.6 | 1065.6 |
| -55° | 1051.1 | 1061.5 | 1068.3 | 1071.5 | 1068.3 | 1061.5 | 1051.1 | 1037.3 | 1019.7 | 991.2 | 959.7 |
| -57.5° | 930.6 | 940.4 | 947.7 | 951.8 | 947.7 | 940.4 | 930.6 | 917.2 | 900.3 | 873.4 | 843.1 |
| -60° | 797.3 | 806.1 | 811.6 | 813.8 | 811.6 | 806.1 | 797.3 | 785.0 | 769.3 | 745.6 | 717.8 |
| -62.5° | 660.9 | 669.2 | 674.5 | 676.5 | 674.5 | 669.2 | 660.9 | 649.8 | 636.0 | 616.6 | 593.3 |
| -65° | 526.1 | 531.3 | 534.2 | 534.6 | 534.2 | 531.3 | 526.1 | 518.3 | 507.8 | 492.9 | 474.8 |
| -67.5° | 405.9 | 409.9 | 412.3 | 413.1 | 412.3 | 409.9 | 405.9 | 400.4 | 393.5 | 384.7 | 373.6 |
| -70° | 318.5 | 321.2 | 322.8 | 323.0 | 322.8 | 321.2 | 318.5 | 314.4 | 308.8 | 301.5 | 292.4 |
| -72.5° | 237.5 | 239.4 | 238.7 | 237.1 | 238.7 | 239.4 | 237.5 | 234.7 | 231.1 | 226.9 | 222.7 |
| -75° | 185.2 | 187.4 | 186.5 | 185.0 | 186.5 | 187.4 | 185.2 | 182.6 | 179.6 | 176.2 | 172.4 |
| -77.5° | 148.0 | 149.9 | 148.9 | 147.4 | 148.9 | 149.9 | 148.0 | 145.7 | 143.0 | 140.0 | 136.5 |
| -80° | 105.7 | 106.9 | 107.7 | 108.1 | 107.7 | 106.9 | 105.7 | 104.2 | 102.5 | 100.7 | 99.3 |
| -82.5° | 54.1 | 52.5 | 51.5 | 50.3 | 51.5 | 52.5 | 54.1 | 55.4 | 56.4 | 57.0 | 57.3 |
| -85° | 15.3 | 14.9 | 15.2 | 15.4 | 15.2 | 14.9 | 15.3 | 15.6 | 15.9 | 16.1 | 17.4 |
| -87.5° | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.4 | 4.2 | 4.1 | 4.0 | 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: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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° | 0.2 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 75° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 72.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 70° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 67.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 |
| 65° | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 |
| 62.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 1.1 | 1.0 | 1.0 | 0.9 | 1.1 | 1.5 |
| 60° | 1.8 | 1.4 | 2.1 | 2.4 | 2.0 | 3.4 | 5.9 | 5.3 | 1.6 | 8.5 | 9.8 |
| 57.5° | 24.9 | 20.6 | 43.2 | 43.1 | 18.1 | 24.4 | 32.6 | 21.5 | 14.0 | 24.1 | 31.8 |
| 55° | 173.1 | 158.6 | 137.9 | 135.6 | 142.8 | 108.5 | 90.7 | 87.3 | 68.3 | 44.4 | 52.7 |
| 52.5° | 244.1 | 229.6 | 215.4 | 202.3 | 191.5 | 179.9 | 163.0 | 144.7 | 138.8 | 111.8 | 86.1 |
| 50° | 276.2 | 290.3 | 276.4 | 242.4 | 248.5 | 232.0 | 208.1 | 188.6 | 192.6 | 176.1 | 142.0 |
| 47.5° | 374.5 | 391.7 | 392.2 | 371.9 | 349.3 | 342.4 | 307.3 | 246.5 | 250.5 | 249.8 | 213.7 |
| 45° | 548.3 | 524.3 | 533.3 | 504.8 | 464.9 | 442.9 | 441.7 | 376.6 | 316.3 | 306.4 | 302.9 |
| 42.5° | 643.6 | 625.8 | 607.4 | 586.1 | 550.9 | 515.7 | 494.0 | 457.4 | 408.9 | 366.0 | 350.7 |
| 40° | 682.1 | 661.3 | 644.1 | 626.5 | 598.2 | 562.2 | 544.7 | 496.6 | 460.2 | 423.0 | 410.6 |
| 37.5° | 728.7 | 689.3 | 704.6 | 671.3 | 645.0 | 636.2 | 622.7 | 572.6 | 491.8 | 485.1 | 478.8 |
| 35° | 832.6 | 795.8 | 831.2 | 824.9 | 720.0 | 731.7 | 740.7 | 679.2 | 594.6 | 548.7 | 549.8 |
| 32.5° | 1069.7 | 984.9 | 959.0 | 990.7 | 935.5 | 844.0 | 845.3 | 826.6 | 711.2 | 644.4 | 615.2 |
| 30° | 1155.5 | 1117.9 | 1077.0 | 1071.6 | 1030.5 | 977.5 | 943.9 | 898.9 | 814.8 | 738.7 | 688.6 |
| 27.5° | 1192.6 | 1158.4 | 1124.0 | 1097.5 | 1073.8 | 1037.8 | 993.9 | 941.1 | 881.3 | 813.0 | 764.4 |
| 25° | 1219.0 | 1180.8 | 1151.1 | 1121.8 | 1096.2 | 1069.1 | 1024.2 | 972.7 | 916.9 | 861.9 | 809.7 |
| 22.5° | 1240.3 | 1204.6 | 1172.7 | 1141.2 | 1120.4 | 1091.2 | 1050.9 | 997.7 | 960.3 | 925.3 | 857.4 |
| 20° | 1263.5 | 1229.1 | 1193.2 | 1194.7 | 1164.1 | 1115.3 | 1076.6 | 1050.1 | 1044.9 | 1005.6 | 918.0 |
| 17.5° | 1364.4 | 1269.8 | 1287.3 | 1320.7 | 1253.4 | 1164.7 | 1150.9 | 1152.4 | 1136.1 | 1099.5 | 990.5 |
| 15° | 1580.5 | 1443.8 | 1445.0 | 1468.0 | 1395.0 | 1286.1 | 1260.9 | 1257.9 | 1232.2 | 1191.7 | 1067.2 |
| 12.5° | 1648.5 | 1602.8 | 1594.5 | 1560.3 | 1488.6 | 1407.2 | 1377.4 | 1361.3 | 1314.3 | 1236.0 | 1122.3 |
| 10° | 1671.5 | 1645.0 | 1609.9 | 1575.5 | 1532.0 | 1499.3 | 1456.8 | 1398.1 | 1331.5 | 1255.9 | 1163.4 |
| 7.5° | 1674.2 | 1646.8 | 1618.5 | 1585.7 | 1547.5 | 1509.1 | 1467.2 | 1408.8 | 1344.4 | 1270.3 | 1192.3 |
| 5° | 1672.6 | 1645.3 | 1619.0 | 1587.7 | 1548.9 | 1511.7 | 1473.7 | 1416.0 | 1353.0 | 1279.6 | 1211.4 |
| 2.5° | 1668.5 | 1640.8 | 1615.9 | 1587.4 | 1548.8 | 1513.0 | 1477.8 | 1423.8 | 1359.3 | 1287.4 | 1217.7 |
| 0° | 1674.5 | 1647.1 | 1623.4 | 1591.5 | 1556.6 | 1515.0 | 1479.7 | 1431.7 | 1362.3 | 1292.5 | 1220.1 |
| -2.5° | 1677.0 | 1648.7 | 1627.0 | 1591.1 | 1562.2 | 1519.7 | 1483.9 | 1437.5 | 1368.0 | 1301.6 | 1225.9 |
| -5° | 1690.5 | 1662.4 | 1634.1 | 1598.1 | 1567.7 | 1527.9 | 1487.7 | 1439.9 | 1372.2 | 1306.5 | 1228.5 |
| -7.5° | 1699.4 | 1670.9 | 1638.0 | 1603.1 | 1572.5 | 1534.6 | 1490.0 | 1440.2 | 1376.1 | 1306.4 | 1229.8 |
| -10° | 1705.0 | 1675.2 | 1642.7 | 1606.9 | 1575.3 | 1536.3 | 1489.3 | 1439.0 | 1375.4 | 1303.4 | 1227.0 |
| -12.5° | 1712.8 | 1679.3 | 1645.8 | 1605.2 | 1573.5 | 1533.4 | 1486.5 | 1436.1 | 1369.5 | 1297.7 | 1220.0 |
| -15° | 1715.7 | 1681.3 | 1642.2 | 1602.4 | 1567.8 | 1528.7 | 1480.3 | 1427.6 | 1359.2 | 1288.9 | 1208.6 |
| -17.5° | 1717.0 | 1677.7 | 1636.1 | 1597.9 | 1560.6 | 1519.2 | 1468.0 | 1412.0 | 1346.0 | 1273.4 | 1193.4 |
| -20° | 1716.0 | 1670.4 | 1627.4 | 1585.8 | 1546.8 | 1504.8 | 1452.0 | 1396.5 | 1327.1 | 1253.2 | 1173.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1698.5 | 1657.2 | 1613.7 | 1568.6 | 1530.2 | 1485.7 | 1433.9 | 1376.5 | 1302.6 | 1231.1 | 1148.8 |
| -25° | 1679.2 | 1637.5 | 1592.6 | 1550.6 | 1509.7 | 1465.5 | 1412.3 | 1347.2 | 1277.0 | 1202.6 | 1118.6 |
| -27.5° | 1656.4 | 1612.5 | 1566.1 | 1523.5 | 1480.3 | 1436.7 | 1381.8 | 1316.2 | 1248.6 | 1167.3 | 1085.7 |
| -30° | 1625.7 | 1580.4 | 1533.1 | 1484.2 | 1444.8 | 1400.4 | 1346.0 | 1282.3 | 1209.7 | 1129.5 | 1051.8 |
| -32.5° | 1583.9 | 1541.3 | 1494.0 | 1447.6 | 1406.4 | 1359.7 | 1304.9 | 1241.7 | 1165.5 | 1089.6 | 1008.8 |
| -35° | 1541.5 | 1497.3 | 1452.2 | 1408.6 | 1365.1 | 1316.3 | 1260.3 | 1191.5 | 1118.7 | 1043.5 | 959.6 |
| -37.5° | 1493.0 | 1447.0 | 1404.7 | 1363.1 | 1318.3 | 1268.3 | 1206.5 | 1140.0 | 1069.1 | 986.4 | 906.5 |
| -40° | 1440.9 | 1396.7 | 1350.4 | 1309.3 | 1261.5 | 1211.1 | 1151.4 | 1086.7 | 1008.7 | 927.0 | 851.9 |
| -42.5° | 1379.1 | 1334.8 | 1287.2 | 1241.5 | 1195.1 | 1147.1 | 1093.2 | 1023.2 | 945.8 | 868.8 | 790.8 |
| -45° | 1304.4 | 1260.1 | 1213.3 | 1166.2 | 1122.8 | 1076.1 | 1025.9 | 951.3 | 875.0 | 801.5 | 726.7 |
| -47.5° | 1220.4 | 1177.5 | 1132.3 | 1085.6 | 1044.3 | 997.4 | 936.3 | 866.9 | 799.3 | 729.4 | 652.8 |
| -50° | 1129.2 | 1088.3 | 1046.6 | 1003.2 | 956.8 | 904.0 | 845.3 | 784.7 | 717.8 | 646.0 | 576.1 |
| -52.5° | 1029.5 | 992.1 | 952.6 | 910.9 | 863.0 | 810.6 | 755.7 | 691.4 | 624.6 | 563.7 | 500.1 |
| -55° | 925.4 | 888.5 | 849.5 | 807.9 | 763.2 | 711.3 | 654.4 | 595.9 | 541.4 | 485.0 | 436.5 |
| -57.5° | 810.2 | 775.2 | 738.1 | 698.8 | 657.5 | 609.3 | 559.4 | 509.7 | 466.6 | 422.8 | 378.7 |
| -60° | 687.1 | 654.4 | 622.8 | 588.0 | 549.9 | 508.4 | 472.0 | 435.4 | 398.7 | 363.8 | 328.4 |
| -62.5° | 567.9 | 540.6 | 512.2 | 483.9 | 455.0 | 425.0 | 394.8 | 366.6 | 337.7 | 308.1 | 282.0 |
| -65° | 455.3 | 434.5 | 412.1 | 392.5 | 372.0 | 350.3 | 326.1 | 303.9 | 282.9 | 261.2 | 239.0 |
| -67.5° | 360.7 | 345.9 | 330.0 | 314.6 | 300.5 | 285.5 | 268.5 | 250.5 | 233.9 | 217.8 | 201.5 |
| -70° | 282.9 | 273.1 | 262.8 | 251.6 | 240.3 | 229.0 | 216.5 | 203.3 | 190.0 | 177.9 | 166.4 |
| -72.5° | 217.2 | 210.4 | 202.6 | 194.5 | 185.8 | 178.1 | 169.6 | 160.7 | 151.6 | 142.4 | 133.7 |
| -75° | 168.0 | 163.1 | 157.8 | 151.7 | 144.4 | 135.7 | 129.3 | 124.9 | 119.5 | 112.8 | 105.5 |
| -77.5° | 132.9 | 129.3 | 125.5 | 120.3 | 115.0 | 109.5 | 104.0 | 98.6 | 93.3 | 88.2 | 83.6 |
| -80° | 97.8 | 96.1 | 94.0 | 89.7 | 85.4 | 81.1 | 77.1 | 73.8 | 70.7 | 67.2 | 63.0 |
| -82.5° | 57.4 | 57.2 | 56.6 | 54.2 | 51.8 | 49.4 | 47.1 | 44.8 | 42.3 | 39.7 | 37.1 |
| -85° | 18.5 | 19.6 | 20.4 | 20.8 | 21.0 | 21.1 | 20.9 | 20.3 | 19.6 | 18.8 | 17.9 |
| -87.5° | 4.0 | 4.1 | 4.1 | 4.2 | 4.4 | 4.5 | 4.6 | 4.8 | 5.0 | 5.2 | 5.3 |
| -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: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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° | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 |
| 80° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 |
| 75° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 |
| 72.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.6 | 0.7 |
| 70° | 0.5 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 |
| 67.5° | 0.6 | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 0.9 | 0.7 | 0.8 |
| 65° | 0.6 | 0.7 | 0.8 | 1.1 | 1.0 | 0.7 | 0.8 | 1.5 | 1.2 | 1.0 | 0.8 |
| 62.5° | 1.3 | 0.7 | 2.4 | 3.2 | 1.8 | 1.4 | 1.2 | 3.3 | 2.1 | 1.4 | 1.1 |
| 60° | 3.0 | 2.4 | 6.6 | 10.6 | 7.4 | 2.5 | 3.7 | 5.7 | 5.2 | 1.9 | 1.5 |
| 57.5° | 27.5 | 9.5 | 13.7 | 19.8 | 19.5 | 10.6 | 7.7 | 10.3 | 8.9 | 5.1 | 2.0 |
| 55° | 58.7 | 49.4 | 32.6 | 29.9 | 32.3 | 26.0 | 17.0 | 16.7 | 13.7 | 9.5 | 3.3 |
| 52.5° | 80.6 | 84.1 | 73.2 | 51.1 | 44.5 | 42.4 | 33.1 | 24.2 | 21.4 | 14.2 | 8.2 |
| 50° | 116.6 | 108.6 | 107.5 | 90.3 | 62.5 | 56.5 | 48.9 | 37.7 | 30.1 | 20.3 | 13.9 |
| 47.5° | 164.8 | 144.7 | 134.1 | 126.3 | 99.6 | 72.1 | 64.2 | 51.6 | 39.6 | 29.3 | 19.8 |
| 45° | 235.5 | 187.1 | 166.5 | 153.9 | 136.5 | 101.3 | 80.3 | 65.0 | 51.6 | 39.3 | 26.0 |
| 42.5° | 306.5 | 241.9 | 203.6 | 183.2 | 165.1 | 134.4 | 97.6 | 80.6 | 63.3 | 49.5 | 33.9 |
| 40° | 369.2 | 298.4 | 242.5 | 216.4 | 193.2 | 166.3 | 125.5 | 97.2 | 74.8 | 60.0 | 42.9 |
| 37.5° | 444.6 | 362.8 | 287.3 | 251.1 | 223.1 | 193.0 | 153.8 | 114.6 | 88.6 | 71.0 | 51.9 |
| 35° | 517.6 | 446.1 | 337.4 | 293.0 | 256.4 | 220.4 | 181.1 | 135.1 | 105.5 | 82.2 | 60.9 |
| 32.5° | 596.0 | 524.4 | 413.1 | 339.8 | 290.8 | 248.3 | 206.7 | 160.0 | 122.6 | 93.5 | 69.8 |
| 30° | 657.7 | 576.0 | 479.5 | 386.6 | 328.3 | 279.5 | 232.2 | 183.9 | 139.7 | 105.0 | 78.8 |
| 27.5° | 690.4 | 620.6 | 531.9 | 438.8 | 370.5 | 311.5 | 258.5 | 206.8 | 156.7 | 117.5 | 88.3 |
| 25° | 724.2 | 652.0 | 569.3 | 484.5 | 412.1 | 345.4 | 284.6 | 228.6 | 175.4 | 131.7 | 97.6 |
| 22.5° | 764.7 | 678.8 | 600.9 | 520.6 | 455.1 | 379.7 | 312.0 | 250.7 | 194.0 | 145.6 | 106.7 |
| 20° | 805.3 | 703.6 | 632.1 | 569.9 | 497.2 | 416.8 | 340.7 | 272.2 | 211.5 | 159.1 | 115.7 |
| 17.5° | 848.0 | 748.7 | 685.1 | 617.9 | 539.3 | 452.8 | 368.9 | 293.1 | 228.0 | 172.2 | 124.4 |
| 15° | 922.2 | 816.1 | 738.4 | 664.7 | 581.1 | 487.4 | 396.5 | 313.1 | 243.4 | 184.8 | 132.5 |
| 12.5° | 989.6 | 879.0 | 791.7 | 709.9 | 622.2 | 520.4 | 423.1 | 332.2 | 257.6 | 194.8 | 139.7 |
| 10° | 1045.4 | 937.2 | 844.4 | 753.3 | 662.1 | 551.6 | 448.4 | 347.7 | 266.2 | 202.3 | 146.4 |
| 7.5° | 1091.0 | 991.0 | 895.8 | 794.6 | 696.4 | 572.0 | 461.2 | 356.8 | 272.8 | 208.7 | 152.5 |
| 5° | 1124.0 | 1027.0 | 923.1 | 809.0 | 707.1 | 580.3 | 469.9 | 364.2 | 278.1 | 214.0 | 157.9 |
| 2.5° | 1133.6 | 1038.0 | 933.4 | 816.8 | 714.4 | 585.7 | 476.1 | 369.8 | 282.2 | 218.3 | 162.8 |
| 0° | 1139.1 | 1045.3 | 939.8 | 821.7 | 718.1 | 588.3 | 479.9 | 373.7 | 285.1 | 221.7 | 167.0 |
| -2.5° | 1146.8 | 1051.6 | 946.0 | 834.1 | 720.6 | 596.2 | 482.0 | 376.2 | 288.8 | 222.9 | 169.5 |
| -5° | 1150.7 | 1054.0 | 949.0 | 842.5 | 719.9 | 600.9 | 481.7 | 377.0 | 291.2 | 223.3 | 171.2 |
| -7.5° | 1149.0 | 1053.2 | 949.2 | 845.1 | 716.6 | 602.0 | 479.1 | 376.2 | 292.2 | 223.0 | 172.4 |
| -10° | 1143.8 | 1048.9 | 945.5 | 838.3 | 713.7 | 597.7 | 474.4 | 373.8 | 291.6 | 222.1 | 172.8 |
| -12.5° | 1135.9 | 1040.9 | 938.1 | 828.6 | 707.4 | 588.9 | 468.9 | 369.7 | 289.3 | 220.5 | 172.5 |
| -15° | 1125.7 | 1029.3 | 926.8 | 816.2 | 697.1 | 577.3 | 460.7 | 363.7 | 284.7 | 218.8 | 171.5 |
| -17.5° | 1112.5 | 1014.1 | 911.7 | 801.5 | 682.7 | 562.8 | 449.6 | 356.0 | 278.9 | 216.7 | 169.4 |
| -20° | 1089.1 | 993.8 | 892.4 | 784.7 | 663.9 | 545.7 | 435.6 | 346.4 | 272.1 | 213.7 | 166.4 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1062.8 | 968.6 | 868.4 | 762.2 | 641.3 | 526.0 | 418.7 | 335.1 | 264.2 | 209.7 | 162.9 |
| -25° | 1034.8 | 940.3 | 840.5 | 730.9 | 616.3 | 505.1 | 401.8 | 322.0 | 255.4 | 204.9 | 158.8 |
| -27.5° | 1001.8 | 908.2 | 808.9 | 696.5 | 587.2 | 481.0 | 385.6 | 310.3 | 246.8 | 199.1 | 154.1 |
| -30° | 964.8 | 870.5 | 769.3 | 659.8 | 555.4 | 453.1 | 367.4 | 297.9 | 239.5 | 192.7 | 148.9 |
| -32.5° | 922.4 | 828.9 | 725.5 | 622.2 | 521.8 | 423.4 | 347.3 | 284.6 | 231.2 | 186.0 | 144.1 |
| -35° | 874.0 | 780.5 | 679.1 | 581.9 | 486.2 | 399.5 | 327.7 | 270.5 | 221.7 | 178.7 | 139.0 |
| -37.5° | 823.7 | 728.6 | 632.6 | 539.7 | 448.3 | 373.6 | 310.0 | 256.6 | 211.0 | 170.9 | 133.4 |
| -40° | 766.2 | 675.1 | 583.9 | 496.3 | 415.6 | 345.8 | 290.9 | 242.9 | 201.0 | 162.5 | 127.2 |
| -42.5° | 707.0 | 619.0 | 533.0 | 450.4 | 383.2 | 323.1 | 270.9 | 228.1 | 190.4 | 154.5 | 120.6 |
| -45° | 643.1 | 559.8 | 479.0 | 411.7 | 350.3 | 299.1 | 253.4 | 212.7 | 179.0 | 146.3 | 113.7 |
| -47.5° | 575.7 | 497.5 | 429.8 | 371.4 | 322.3 | 275.0 | 234.8 | 199.4 | 167.2 | 137.5 | 106.8 |
| -50° | 504.4 | 439.4 | 384.6 | 336.3 | 292.2 | 253.3 | 216.3 | 185.5 | 156.3 | 127.8 | 99.6 |
| -52.5° | 441.2 | 389.1 | 343.8 | 302.4 | 265.6 | 230.5 | 200.2 | 171.2 | 145.1 | 118.5 | 92.1 |
| -55° | 387.0 | 344.4 | 306.0 | 271.7 | 239.3 | 210.9 | 183.6 | 158.6 | 133.5 | 109.2 | 84.4 |
| -57.5° | 340.3 | 303.0 | 272.3 | 242.5 | 215.7 | 191.5 | 168.5 | 145.6 | 122.5 | 99.6 | 78.4 |
| -60° | 295.3 | 267.5 | 240.2 | 216.2 | 193.5 | 173.0 | 154.2 | 132.7 | 111.4 | 89.9 | 71.7 |
| -62.5° | 256.5 | 232.8 | 212.1 | 191.2 | 172.4 | 155.6 | 139.8 | 120.1 | 99.9 | 81.0 | 64.4 |
| -65° | 220.1 | 201.9 | 184.3 | 167.6 | 152.0 | 137.8 | 125.0 | 107.1 | 88.4 | 71.5 | 56.8 |
| -67.5° | 185.6 | 171.8 | 158.0 | 144.0 | 131.7 | 120.2 | 109.3 | 93.2 | 76.4 | 61.6 | 49.3 |
| -70° | 154.7 | 142.9 | 132.1 | 121.7 | 111.8 | 102.2 | 91.9 | 78.3 | 63.9 | 52.6 | 41.6 |
| -72.5° | 125.5 | 117.0 | 108.0 | 99.4 | 92.1 | 83.7 | 74.2 | 63.6 | 53.5 | 43.5 | 33.7 |
| -75° | 98.6 | 92.9 | 86.6 | 79.8 | 73.0 | 65.5 | 59.2 | 51.7 | 42.9 | 34.2 | 27.1 |
| -77.5° | 78.9 | 73.4 | 67.1 | 61.6 | 57.0 | 51.9 | 46.2 | 39.7 | 32.7 | 26.6 | 21.0 |
| -80° | 58.2 | 54.0 | 50.4 | 47.2 | 43.0 | 38.3 | 33.6 | 28.9 | 23.8 | 19.0 | 14.7 |
| -82.5° | 35.5 | 34.5 | 33.5 | 32.1 | 28.6 | 25.1 | 21.7 | 18.3 | 14.7 | 11.4 | 9.4 |
| -85° | 17.7 | 17.4 | 16.9 | 16.1 | 13.9 | 11.8 | 10.8 | 9.8 | 8.6 | 7.4 | 6.3 |
| -87.5° | 5.8 | 6.3 | 6.6 | 6.9 | 6.4 | 5.9 | 5.4 | 4.9 | 4.3 | 3.7 | 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 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-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° | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| 85° | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 |
| 82.5° | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 |
| 80° | 0.8 | 0.7 | 0.6 | 0.4 | 0.3 | 0.2 | 0.0 |
| 77.5° | 0.8 | 0.8 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| 75° | 0.8 | 0.8 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| 72.5° | 0.8 | 0.8 | 0.8 | 0.7 | 0.5 | 0.3 | 0.0 |
| 70° | 0.8 | 0.9 | 0.9 | 0.8 | 0.6 | 0.3 | 0.0 |
| 67.5° | 0.9 | 0.9 | 0.9 | 0.8 | 0.6 | 0.4 | 0.0 |
| 65° | 1.0 | 1.0 | 0.9 | 0.9 | 0.7 | 0.4 | 0.0 |
| 62.5° | 1.2 | 1.3 | 1.0 | 0.9 | 0.8 | 0.4 | 0.0 |
| 60° | 1.4 | 1.5 | 1.0 | 0.9 | 0.8 | 0.5 | 0.0 |
| 57.5° | 2.6 | 1.8 | 1.3 | 1.0 | 0.9 | 0.5 | 0.0 |
| 55° | 4.1 | 2.1 | 1.6 | 1.0 | 0.9 | 0.6 | 0.0 |
| 52.5° | 5.9 | 2.7 | 1.9 | 1.0 | 0.9 | 0.6 | 0.0 |
| 50° | 7.9 | 4.7 | 2.3 | 1.1 | 1.0 | 0.6 | 0.0 |
| 47.5° | 10.7 | 6.7 | 2.6 | 1.2 | 1.0 | 0.7 | 0.0 |
| 45° | 16.1 | 9.0 | 3.0 | 1.4 | 1.1 | 0.7 | 0.0 |
| 42.5° | 21.6 | 11.3 | 3.4 | 1.7 | 1.1 | 0.7 | 0.0 |
| 40° | 27.3 | 13.8 | 4.5 | 2.1 | 1.2 | 0.8 | 0.0 |
| 37.5° | 33.1 | 16.4 | 6.5 | 2.5 | 1.2 | 0.8 | 0.0 |
| 35° | 38.9 | 20.4 | 8.5 | 3.0 | 1.3 | 0.8 | 0.0 |
| 32.5° | 45.3 | 25.1 | 10.5 | 3.6 | 1.3 | 0.9 | 0.0 |
| 30° | 52.6 | 29.7 | 12.5 | 4.2 | 1.4 | 0.9 | 0.0 |
| 27.5° | 59.7 | 34.2 | 15.0 | 4.8 | 1.4 | 0.9 | 0.0 |
| 25° | 66.6 | 38.7 | 17.6 | 5.5 | 1.5 | 0.9 | 0.0 |
| 22.5° | 73.4 | 43.2 | 20.2 | 6.2 | 1.5 | 1.0 | 0.0 |
| 20° | 79.9 | 48.1 | 22.7 | 6.9 | 1.5 | 1.0 | 0.0 |
| 17.5° | 86.4 | 52.8 | 25.2 | 7.6 | 1.6 | 1.0 | 0.0 |
| 15° | 92.6 | 57.4 | 27.6 | 8.4 | 1.6 | 1.0 | 0.0 |
| 12.5° | 98.4 | 61.7 | 30.0 | 9.1 | 1.7 | 1.0 | 0.0 |
| 10° | 103.7 | 65.8 | 32.2 | 9.8 | 1.7 | 1.1 | 0.0 |
| 7.5° | 108.7 | 69.6 | 34.4 | 10.5 | 1.8 | 1.1 | 0.0 |
| 5° | 113.2 | 73.2 | 36.4 | 11.2 | 1.8 | 1.1 | 0.0 |
| 2.5° | 117.2 | 76.4 | 38.2 | 11.8 | 1.9 | 1.1 | 0.0 |
| 0° | 120.8 | 79.2 | 39.8 | 12.4 | 1.9 | 1.1 | 0.0 |
| -2.5° | 122.6 | 81.0 | 41.3 | 13.2 | 2.2 | 1.2 | 0.0 |
| -5° | 123.9 | 82.4 | 42.6 | 13.9 | 2.5 | 1.2 | 0.0 |
| -7.5° | 124.7 | 83.5 | 43.7 | 14.6 | 2.8 | 1.3 | 0.0 |
| -10° | 125.1 | 84.1 | 44.4 | 15.2 | 3.0 | 1.3 | 0.0 |
| -12.5° | 125.0 | 84.4 | 45.0 | 15.7 | 3.3 | 1.4 | 0.0 |
| -15° | 124.5 | 84.3 | 45.2 | 16.0 | 3.5 | 1.4 | 0.0 |
| -17.5° | 123.6 | 83.7 | 45.2 | 16.3 | 3.7 | 1.5 | 0.0 |
| -20° | 122.2 | 82.9 | 44.9 | 16.5 | 3.9 | 1.5 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 120.1 | 81.6 | 44.2 | 16.5 | 4.1 | 1.5 | 0.0 |
| -25° | 117.6 | 79.6 | 43.3 | 16.4 | 4.3 | 1.6 | 0.0 |
| -27.5° | 114.6 | 77.2 | 42.0 | 16.2 | 4.4 | 1.6 | 0.0 |
| -30° | 111.2 | 74.4 | 40.4 | 15.9 | 4.5 | 1.6 | 0.0 |
| -32.5° | 107.3 | 71.3 | 38.6 | 15.4 | 4.6 | 1.6 | 0.0 |
| -35° | 103.0 | 67.9 | 36.5 | 14.8 | 4.7 | 1.6 | 0.0 |
| -37.5° | 98.5 | 64.4 | 34.3 | 14.1 | 4.7 | 1.6 | 0.0 |
| -40° | 93.6 | 61.3 | 31.8 | 13.2 | 4.7 | 1.6 | 0.0 |
| -42.5° | 88.3 | 57.9 | 30.0 | 12.2 | 4.7 | 1.6 | 0.0 |
| -45° | 82.7 | 54.4 | 28.7 | 11.3 | 4.6 | 1.5 | 0.0 |
| -47.5° | 76.9 | 50.6 | 27.2 | 10.2 | 4.6 | 1.5 | 0.0 |
| -50° | 71.9 | 46.6 | 25.5 | 9.8 | 4.4 | 1.4 | 0.0 |
| -52.5° | 67.0 | 42.4 | 23.5 | 9.6 | 4.3 | 1.4 | 0.0 |
| -55° | 61.9 | 39.3 | 21.4 | 9.3 | 4.1 | 1.3 | 0.0 |
| -57.5° | 56.5 | 36.1 | 19.0 | 8.9 | 3.9 | 1.3 | 0.0 |
| -60° | 51.1 | 32.6 | 16.5 | 8.4 | 3.7 | 1.2 | 0.0 |
| -62.5° | 46.2 | 28.8 | 15.4 | 7.8 | 3.5 | 1.1 | 0.0 |
| -65° | 40.9 | 24.8 | 14.0 | 7.1 | 3.2 | 1.0 | 0.0 |
| -67.5° | 35.3 | 21.5 | 12.5 | 6.4 | 3.0 | 1.0 | 0.0 |
| -70° | 29.4 | 18.8 | 10.9 | 5.5 | 2.7 | 0.9 | 0.0 |
| -72.5° | 24.8 | 15.9 | 9.1 | 4.9 | 2.4 | 0.8 | 0.0 |
| -75° | 20.3 | 12.8 | 7.3 | 4.2 | 2.1 | 0.7 | 0.0 |
| -77.5° | 15.5 | 9.6 | 6.0 | 3.6 | 1.7 | 0.6 | 0.0 |
| -80° | 10.6 | 7.3 | 4.8 | 2.9 | 1.4 | 0.4 | 0.0 |
| -82.5° | 7.8 | 5.5 | 3.7 | 2.2 | 1.1 | 0.3 | 0.0 |
| -85° | 5.2 | 3.7 | 2.5 | 1.5 | 0.7 | 0.2 | 0.0 |
| -87.5° | 2.6 | 1.9 | 1.2 | 0.7 | 0.4 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)