

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: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1D-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645339 (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-SA1D-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

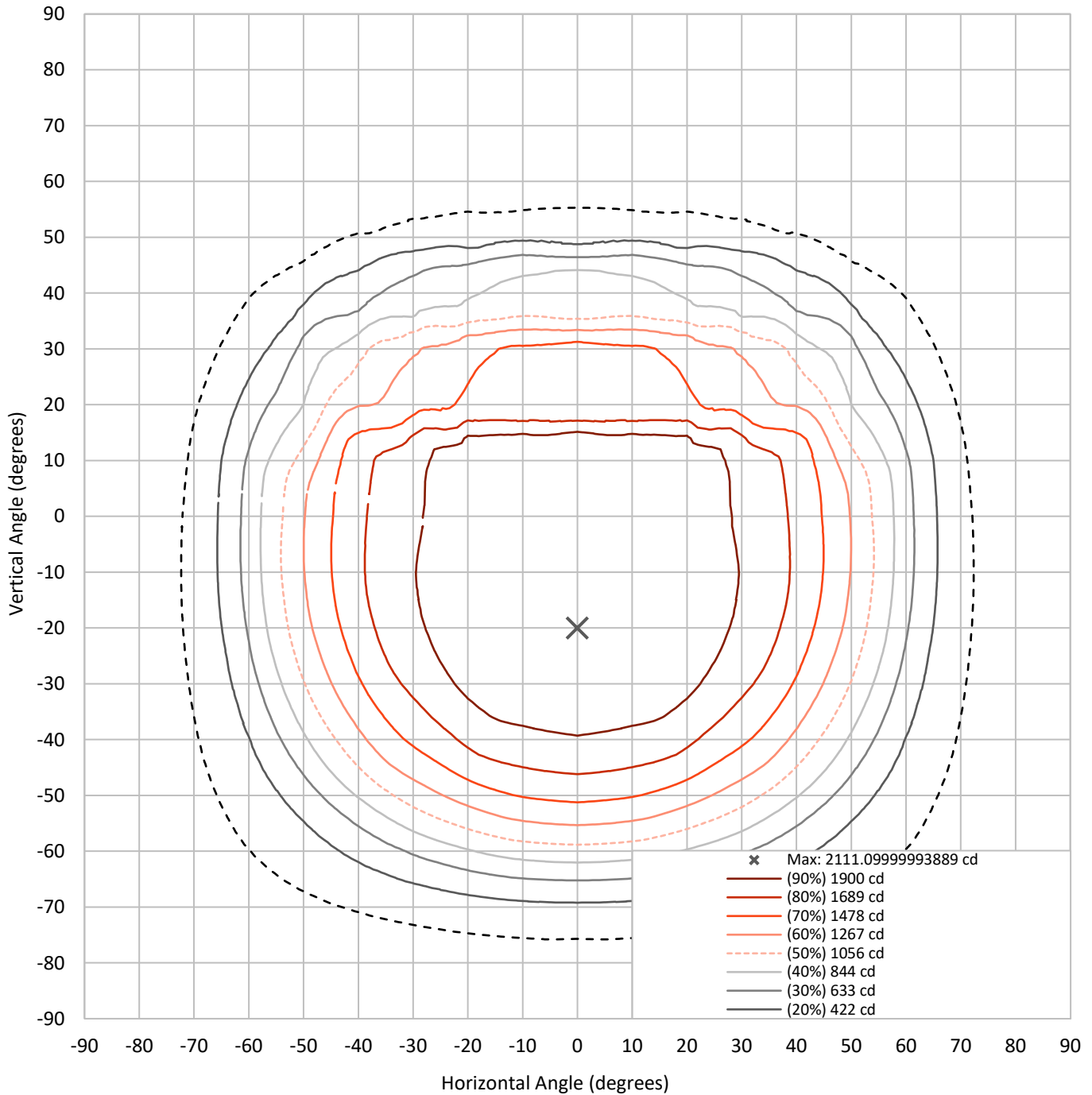
Summary

| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 4950.3 lumens | Max Intensity: | 2111.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x -20°V |
| Efficacy: | 86.4 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: | 3873 lumens | Field Lumens: | 4851.9 lumens |
| Beam Efficiency: | 78.2% | Field Efficiency: | 98.0% |
| Input Watts (W): | 57.3 | | |
| 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-SA1D-740-U-LAM-VSR-XX

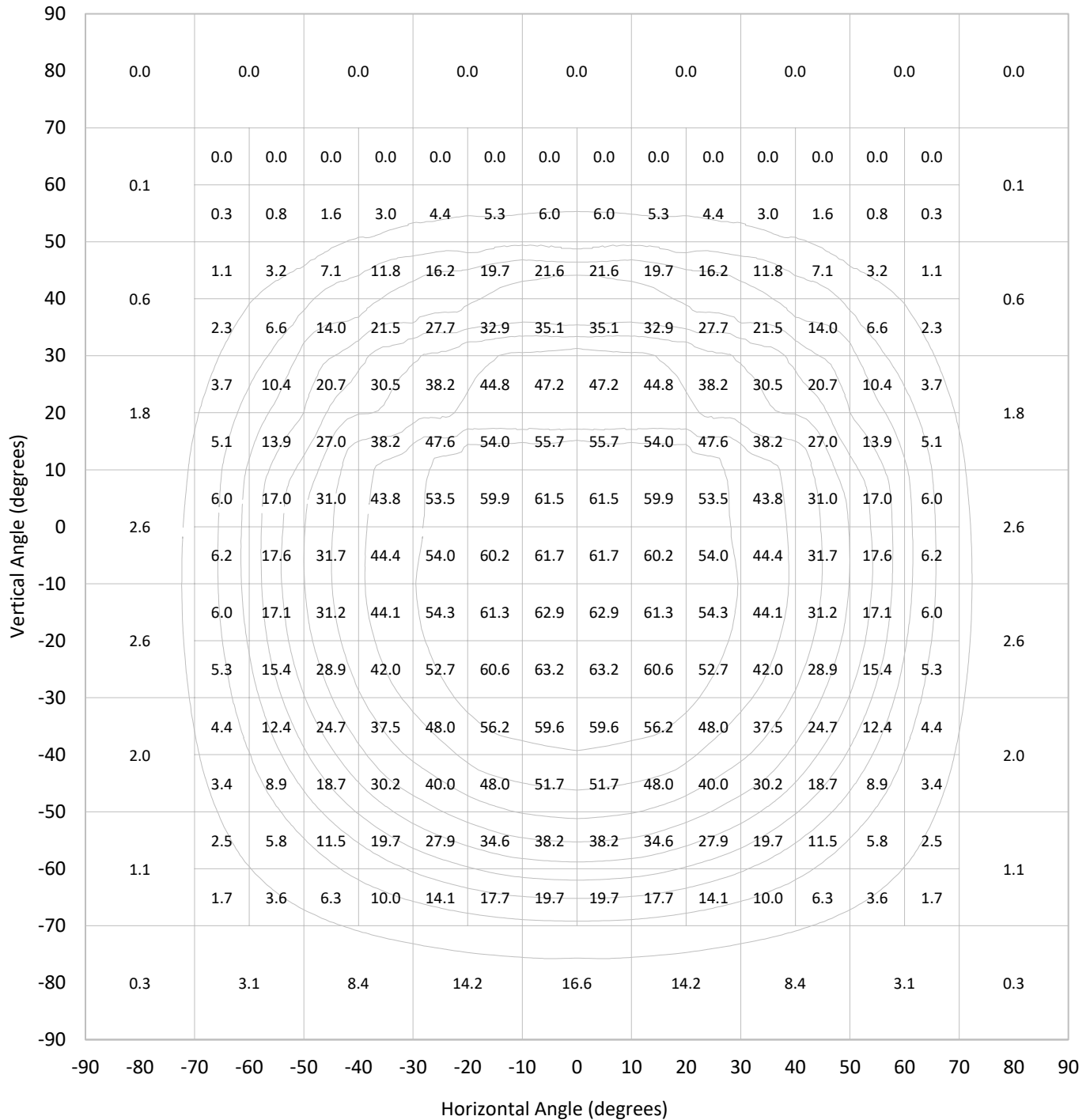
Iso-Candela Plot





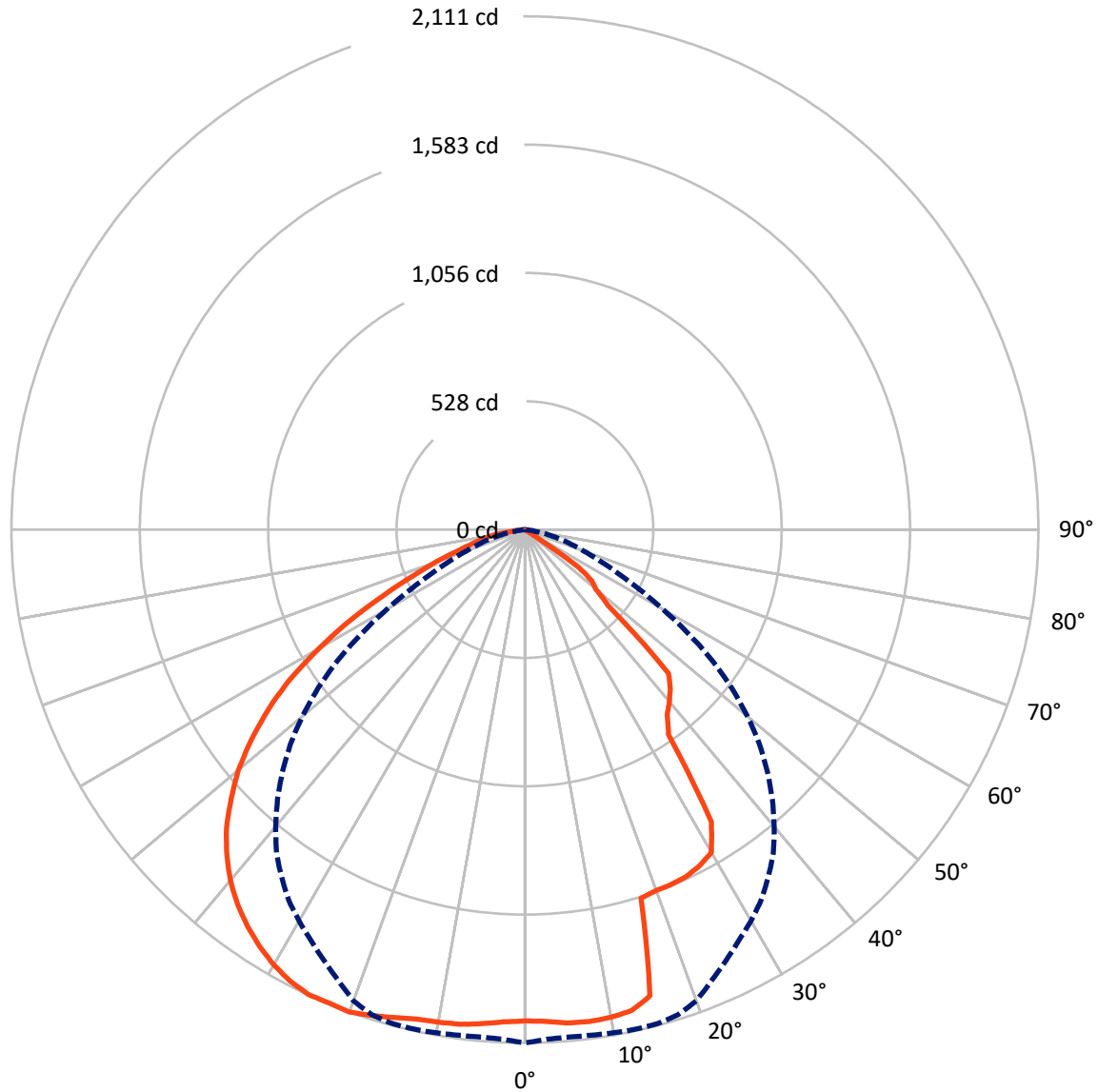
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Lumen Table



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

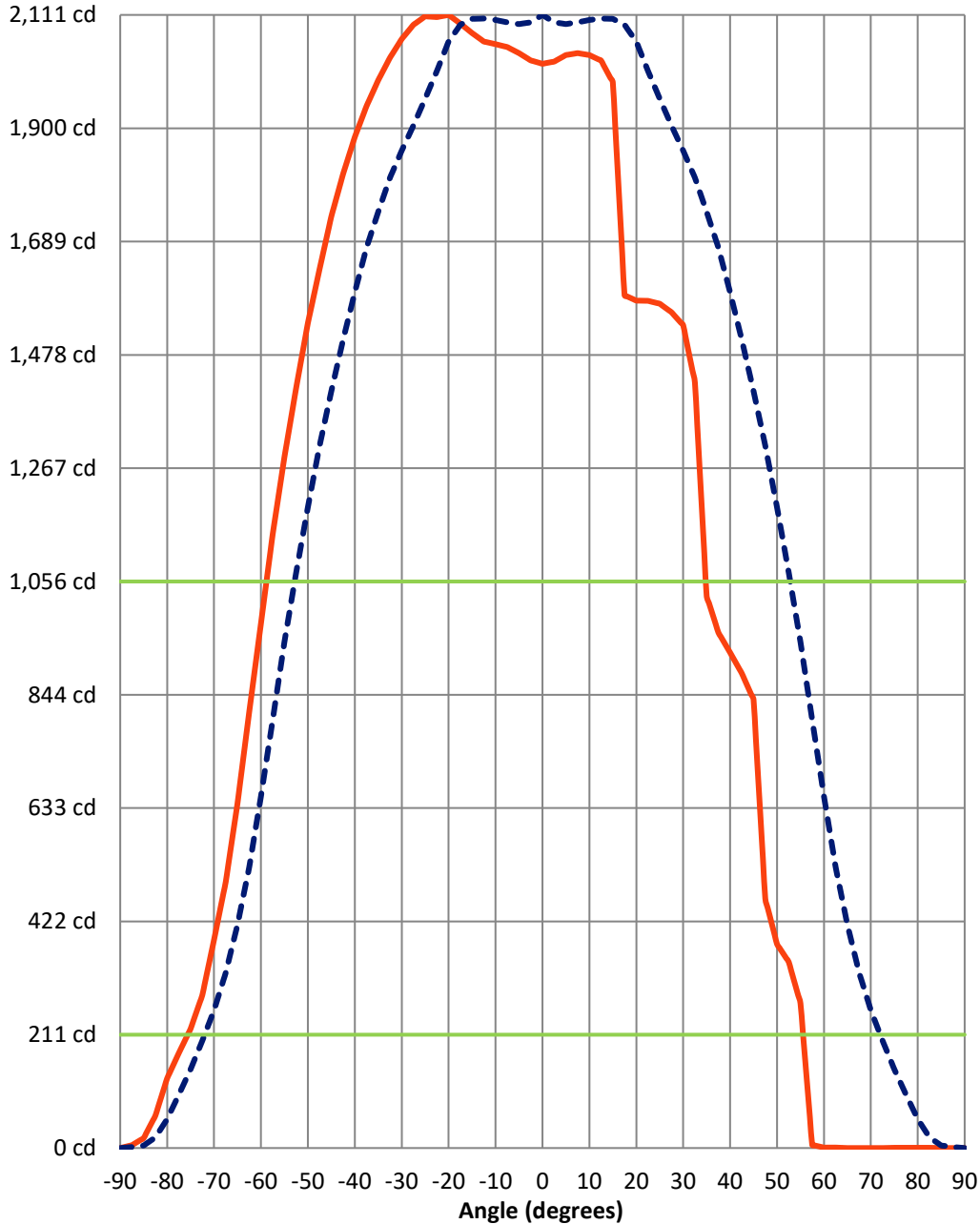


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 3873
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 4851.9
 Efficiency: 98.0%

Spill:
 Lumens: 98.3
 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 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 |
| 82.5° | 0.0 | 0.2 | 0.2 | 0.4 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 |
| 80° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 |
| 77.5° | 0.0 | 0.3 | 0.4 | 0.6 | 0.8 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 |
| 75° | 0.0 | 0.3 | 0.5 | 0.7 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 |
| 72.5° | 0.0 | 0.3 | 0.6 | 0.8 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 |
| 70° | 0.0 | 0.4 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 | 0.8 | 0.7 | 0.7 | 0.7 |
| 67.5° | 0.0 | 0.4 | 0.7 | 1.0 | 1.1 | 1.1 | 1.1 | 0.9 | 0.8 | 1.0 | 1.0 |
| 65° | 0.0 | 0.5 | 0.8 | 1.0 | 1.1 | 1.2 | 1.2 | 0.9 | 1.2 | 1.4 | 1.8 |
| 62.5° | 0.0 | 0.5 | 0.9 | 1.1 | 1.2 | 1.5 | 1.4 | 1.2 | 1.7 | 2.5 | 3.9 |
| 60° | 0.0 | 0.6 | 1.0 | 1.1 | 1.2 | 1.8 | 1.7 | 1.7 | 2.2 | 6.3 | 6.8 |
| 57.5° | 0.0 | 0.6 | 1.0 | 1.2 | 1.6 | 2.2 | 3.1 | 2.4 | 6.1 | 10.6 | 12.4 |
| 55° | 0.0 | 0.7 | 1.1 | 1.2 | 1.9 | 2.6 | 4.9 | 3.9 | 11.4 | 16.4 | 20.0 |
| 52.5° | 0.0 | 0.7 | 1.1 | 1.3 | 2.3 | 3.3 | 7.0 | 9.9 | 17.1 | 25.8 | 29.0 |
| 50° | 0.0 | 0.8 | 1.2 | 1.3 | 2.7 | 5.6 | 9.5 | 16.7 | 24.4 | 36.1 | 45.3 |
| 47.5° | 0.0 | 0.8 | 1.2 | 1.5 | 3.2 | 8.1 | 12.8 | 23.8 | 35.2 | 47.6 | 62.0 |
| 45° | 0.0 | 0.9 | 1.3 | 1.8 | 3.6 | 10.8 | 19.3 | 31.3 | 47.2 | 62.0 | 78.1 |
| 42.5° | 0.0 | 0.9 | 1.4 | 2.1 | 4.1 | 13.6 | 25.9 | 40.8 | 59.5 | 76.1 | 96.8 |
| 40° | 0.0 | 0.9 | 1.4 | 2.6 | 5.5 | 16.6 | 32.8 | 51.6 | 72.1 | 89.9 | 116.7 |
| 37.5° | 0.0 | 1.0 | 1.5 | 3.1 | 7.8 | 19.7 | 39.7 | 62.3 | 85.3 | 106.4 | 137.6 |
| 35° | 0.0 | 1.0 | 1.5 | 3.7 | 10.2 | 24.5 | 46.8 | 73.1 | 98.8 | 126.8 | 162.2 |
| 32.5° | 0.0 | 1.1 | 1.6 | 4.4 | 12.6 | 30.1 | 54.4 | 83.9 | 112.4 | 147.2 | 192.2 |
| 30° | 0.0 | 1.1 | 1.7 | 5.1 | 15.1 | 35.6 | 63.2 | 94.7 | 126.1 | 167.8 | 220.9 |
| 27.5° | 0.0 | 1.1 | 1.7 | 5.9 | 18.1 | 41.1 | 71.7 | 106.0 | 141.2 | 188.2 | 248.4 |
| 25° | 0.0 | 1.2 | 1.8 | 6.7 | 21.1 | 46.4 | 80.1 | 117.2 | 158.2 | 210.6 | 274.6 |
| 22.5° | 0.0 | 1.2 | 1.8 | 7.5 | 24.2 | 51.9 | 88.2 | 128.2 | 174.9 | 233.0 | 301.1 |
| 20° | 0.0 | 1.2 | 1.9 | 8.3 | 27.3 | 57.8 | 96.0 | 139.0 | 191.2 | 254.1 | 327.0 |
| 17.5° | 0.0 | 1.3 | 2.0 | 9.2 | 30.3 | 63.5 | 103.8 | 149.5 | 206.9 | 273.9 | 352.1 |
| 15° | 0.0 | 1.3 | 2.0 | 10.1 | 33.2 | 68.9 | 111.2 | 159.2 | 222.0 | 292.4 | 376.2 |
| 12.5° | 0.0 | 1.3 | 2.1 | 11.0 | 36.0 | 74.1 | 118.2 | 167.9 | 234.1 | 309.5 | 399.1 |
| 10° | 0.0 | 1.3 | 2.1 | 11.8 | 38.7 | 79.0 | 124.7 | 175.8 | 243.1 | 319.7 | 417.8 |
| 7.5° | 0.0 | 1.4 | 2.2 | 12.7 | 41.3 | 83.6 | 130.6 | 183.1 | 250.8 | 327.7 | 428.6 |
| 5° | 0.0 | 1.4 | 2.2 | 13.5 | 43.7 | 87.8 | 136.0 | 189.7 | 257.1 | 334.1 | 437.5 |
| 2.5° | 0.0 | 1.4 | 2.3 | 14.2 | 45.8 | 91.7 | 140.8 | 195.5 | 262.3 | 339.0 | 444.3 |
| 0° | 0.0 | 1.4 | 2.3 | 14.9 | 47.8 | 95.1 | 145.1 | 200.6 | 266.4 | 342.5 | 448.9 |
| -2.5° | 0.0 | 1.5 | 2.7 | 15.9 | 49.6 | 97.3 | 147.2 | 203.6 | 267.9 | 346.9 | 451.9 |
| -5° | 0.0 | 1.6 | 3.0 | 16.8 | 51.2 | 99.0 | 148.8 | 205.7 | 268.4 | 349.8 | 452.9 |
| -7.5° | 0.0 | 1.6 | 3.3 | 17.6 | 52.4 | 100.2 | 149.8 | 207.1 | 268.0 | 351.0 | 451.9 |
| -10° | 0.0 | 1.7 | 3.7 | 18.2 | 53.4 | 101.0 | 150.3 | 207.6 | 266.8 | 350.3 | 449.0 |
| -12.5° | 0.0 | 1.7 | 4.0 | 18.8 | 54.0 | 101.3 | 150.2 | 207.2 | 265.0 | 347.5 | 444.1 |
| -15° | 0.0 | 1.8 | 4.3 | 19.3 | 54.3 | 101.2 | 149.6 | 206.0 | 262.9 | 342.0 | 436.9 |
| -17.5° | 0.0 | 1.9 | 4.5 | 19.6 | 54.3 | 100.6 | 148.5 | 203.5 | 260.3 | 335.1 | 427.6 |
| -20° | 0.0 | 1.9 | 4.8 | 19.8 | 53.9 | 99.5 | 146.8 | 200.0 | 256.7 | 326.9 | 416.2 |

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CATALOG NUMBER: GFLD-SA1D-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 | 1.9 | 5.0 | 19.9 | 53.1 | 98.0 | 144.3 | 195.7 | 252.0 | 317.4 | 402.5 |
| -25° | 0.0 | 2.0 | 5.2 | 19.8 | 52.0 | 95.6 | 141.3 | 190.8 | 246.1 | 306.8 | 386.7 |
| -27.5° | 0.0 | 2.0 | 5.4 | 19.5 | 50.5 | 92.7 | 137.7 | 185.2 | 239.1 | 296.5 | 372.8 |
| -30° | 0.0 | 2.0 | 5.5 | 19.1 | 48.6 | 89.4 | 133.6 | 178.9 | 231.5 | 287.8 | 357.9 |
| -32.5° | 0.0 | 2.0 | 5.6 | 18.6 | 46.4 | 85.6 | 128.8 | 173.1 | 223.4 | 277.7 | 341.9 |
| -35° | 0.0 | 2.0 | 5.7 | 17.9 | 43.9 | 81.5 | 123.7 | 167.0 | 214.6 | 266.3 | 325.0 |
| -37.5° | 0.0 | 2.0 | 5.7 | 17.0 | 41.2 | 77.4 | 118.3 | 160.2 | 205.3 | 253.5 | 308.3 |
| -40° | 0.0 | 2.0 | 5.7 | 15.9 | 38.3 | 73.6 | 112.4 | 152.9 | 195.3 | 241.4 | 291.7 |
| -42.5° | 0.0 | 1.9 | 5.7 | 14.8 | 36.0 | 69.6 | 106.1 | 144.9 | 185.6 | 228.7 | 273.9 |
| -45° | 0.0 | 1.9 | 5.6 | 13.6 | 34.5 | 65.3 | 99.4 | 136.6 | 175.8 | 215.1 | 255.5 |
| -47.5° | 0.0 | 1.8 | 5.5 | 12.3 | 32.7 | 60.8 | 92.3 | 128.3 | 165.2 | 200.8 | 239.5 |
| -50° | 0.0 | 1.8 | 5.4 | 11.9 | 30.6 | 56.0 | 86.4 | 119.6 | 153.6 | 187.8 | 222.8 |
| -52.5° | 0.0 | 1.7 | 5.2 | 11.6 | 28.3 | 51.0 | 80.4 | 110.6 | 142.4 | 174.3 | 205.7 |
| -55° | 0.0 | 1.6 | 5.0 | 11.3 | 25.7 | 47.2 | 74.3 | 101.4 | 131.2 | 160.5 | 190.5 |
| -57.5° | 0.0 | 1.6 | 4.8 | 10.8 | 22.9 | 43.4 | 67.9 | 94.1 | 119.6 | 147.2 | 175.0 |
| -60° | 0.0 | 1.5 | 4.5 | 10.2 | 19.9 | 39.2 | 61.4 | 86.1 | 108.0 | 133.8 | 159.5 |
| -62.5° | 0.0 | 1.4 | 4.2 | 9.5 | 18.5 | 34.7 | 55.5 | 77.3 | 97.2 | 120.0 | 144.3 |
| -65° | 0.0 | 1.3 | 3.9 | 8.6 | 16.9 | 29.8 | 49.1 | 68.2 | 85.9 | 106.2 | 128.7 |
| -67.5° | 0.0 | 1.2 | 3.6 | 7.7 | 15.1 | 25.8 | 42.4 | 59.2 | 73.9 | 91.8 | 111.9 |
| -70° | 0.0 | 1.1 | 3.3 | 6.7 | 13.1 | 22.6 | 35.2 | 49.9 | 63.2 | 76.7 | 94.0 |
| -72.5° | 0.0 | 0.9 | 2.9 | 5.9 | 11.0 | 19.1 | 29.8 | 40.4 | 52.3 | 64.2 | 76.3 |
| -75° | 0.0 | 0.8 | 2.5 | 5.1 | 8.8 | 15.4 | 24.4 | 32.6 | 41.1 | 51.6 | 62.1 |
| -77.5° | 0.0 | 0.7 | 2.1 | 4.3 | 7.3 | 11.6 | 18.7 | 25.2 | 32.0 | 39.3 | 47.7 |
| -80° | 0.0 | 0.6 | 1.7 | 3.5 | 5.9 | 8.8 | 12.8 | 17.7 | 22.9 | 28.6 | 34.7 |
| -82.5° | 0.0 | 0.4 | 1.3 | 2.6 | 4.4 | 6.7 | 9.4 | 11.4 | 13.7 | 17.7 | 22.0 |
| -85° | 0.0 | 0.3 | 0.9 | 1.8 | 3.0 | 4.5 | 6.3 | 7.6 | 8.9 | 10.3 | 11.8 |
| -87.5° | 0.0 | 0.1 | 0.4 | 0.9 | 1.5 | 2.2 | 3.2 | 3.8 | 4.5 | 5.2 | 5.9 |
| -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 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 72.5° | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 70° | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 67.5° | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 |
| 65° | 0.9 | 0.8 | 1.1 | 1.3 | 0.9 | 0.8 | 0.7 | 0.6 | 0.7 | 0.7 | 0.7 |
| 62.5° | 1.3 | 1.7 | 2.2 | 3.8 | 2.8 | 0.8 | 1.5 | 1.8 | 1.3 | 1.1 | 1.1 |
| 60° | 4.4 | 3.0 | 8.9 | 12.7 | 7.9 | 2.9 | 3.5 | 11.8 | 10.2 | 1.9 | 6.4 |
| 57.5° | 9.3 | 12.7 | 23.4 | 23.8 | 16.5 | 11.4 | 33.0 | 38.2 | 28.9 | 16.9 | 25.8 |
| 55° | 20.4 | 31.3 | 38.8 | 35.9 | 39.2 | 59.4 | 70.5 | 63.4 | 53.4 | 82.1 | 104.8 |
| 52.5° | 39.8 | 50.9 | 53.5 | 61.4 | 87.9 | 101.0 | 96.8 | 103.5 | 134.2 | 166.7 | 173.8 |
| 50° | 58.8 | 67.9 | 75.0 | 108.4 | 129.2 | 130.5 | 140.1 | 170.6 | 211.5 | 231.4 | 226.6 |
| 47.5° | 77.1 | 86.5 | 119.7 | 151.8 | 161.1 | 173.9 | 198.0 | 256.7 | 300.1 | 301.0 | 296.1 |
| 45° | 96.4 | 121.7 | 164.0 | 185.0 | 200.1 | 224.8 | 282.9 | 363.9 | 368.1 | 379.9 | 452.4 |
| 42.5° | 117.2 | 161.4 | 198.3 | 220.1 | 244.6 | 290.6 | 368.2 | 421.4 | 439.6 | 491.2 | 549.5 |
| 40° | 150.7 | 199.8 | 232.0 | 259.9 | 291.3 | 358.5 | 443.5 | 493.3 | 508.1 | 552.8 | 596.6 |
| 37.5° | 184.8 | 231.8 | 268.0 | 301.6 | 345.1 | 435.8 | 534.1 | 575.2 | 582.7 | 590.8 | 687.9 |
| 35° | 217.6 | 264.7 | 308.0 | 352.0 | 405.3 | 535.9 | 621.8 | 660.4 | 659.2 | 714.3 | 816.0 |
| 32.5° | 248.3 | 298.3 | 349.4 | 408.2 | 496.2 | 630.0 | 715.9 | 739.1 | 774.1 | 854.3 | 993.0 |
| 30° | 278.9 | 335.8 | 394.4 | 464.5 | 576.0 | 692.0 | 790.1 | 827.3 | 887.4 | 978.9 | 1079.8 |
| 27.5° | 310.5 | 374.2 | 445.1 | 527.2 | 639.0 | 745.6 | 829.4 | 918.3 | 976.7 | 1058.7 | 1130.5 |
| 25° | 341.9 | 414.9 | 495.1 | 582.0 | 684.0 | 783.3 | 870.0 | 972.7 | 1035.4 | 1101.5 | 1168.5 |
| 22.5° | 374.9 | 456.1 | 546.7 | 625.5 | 722.0 | 815.4 | 918.6 | 1030.0 | 1111.5 | 1153.5 | 1198.5 |
| 20° | 409.3 | 500.7 | 597.4 | 684.7 | 759.4 | 845.2 | 967.4 | 1102.8 | 1208.0 | 1255.3 | 1261.5 |
| 17.5° | 443.2 | 543.9 | 647.9 | 742.4 | 823.0 | 899.4 | 1018.7 | 1189.9 | 1320.8 | 1364.8 | 1384.3 |
| 15° | 476.3 | 585.5 | 698.1 | 798.5 | 887.0 | 980.4 | 1107.8 | 1282.0 | 1431.7 | 1480.3 | 1511.0 |
| 12.5° | 508.2 | 625.2 | 747.5 | 852.8 | 951.1 | 1055.9 | 1188.8 | 1348.2 | 1484.8 | 1578.9 | 1635.3 |
| 10° | 538.7 | 662.6 | 795.5 | 904.9 | 1014.4 | 1125.9 | 1255.8 | 1397.6 | 1508.8 | 1599.5 | 1679.5 |
| 7.5° | 554.0 | 687.1 | 836.7 | 954.5 | 1076.2 | 1190.6 | 1310.7 | 1432.4 | 1526.0 | 1615.0 | 1692.4 |
| 5° | 564.5 | 697.1 | 849.5 | 971.8 | 1109.0 | 1233.7 | 1350.3 | 1455.2 | 1537.3 | 1625.5 | 1701.1 |
| 2.5° | 572.0 | 703.6 | 858.3 | 981.3 | 1121.3 | 1247.0 | 1361.7 | 1462.8 | 1546.6 | 1632.9 | 1710.4 |
| 0° | 576.5 | 706.7 | 862.7 | 987.1 | 1129.0 | 1255.7 | 1368.4 | 1465.7 | 1552.7 | 1636.5 | 1719.9 |
| -2.5° | 579.0 | 716.2 | 865.6 | 1002.0 | 1136.5 | 1263.2 | 1377.7 | 1472.7 | 1563.6 | 1643.3 | 1727.0 |
| -5° | 578.7 | 721.8 | 864.8 | 1012.1 | 1140.1 | 1266.1 | 1382.3 | 1475.9 | 1569.5 | 1648.5 | 1729.8 |
| -7.5° | 575.6 | 723.1 | 860.9 | 1015.2 | 1140.2 | 1265.1 | 1380.2 | 1477.4 | 1569.4 | 1653.1 | 1730.1 |
| -10° | 570.0 | 718.0 | 857.3 | 1007.0 | 1135.8 | 1260.0 | 1374.0 | 1474.0 | 1565.7 | 1652.2 | 1728.6 |
| -12.5° | 563.4 | 707.5 | 849.8 | 995.3 | 1126.9 | 1250.5 | 1364.6 | 1465.6 | 1558.9 | 1645.1 | 1725.1 |
| -15° | 553.4 | 693.5 | 837.5 | 980.4 | 1113.4 | 1236.5 | 1352.3 | 1451.8 | 1548.3 | 1632.8 | 1714.9 |
| -17.5° | 540.1 | 676.1 | 820.1 | 962.8 | 1095.2 | 1218.3 | 1336.6 | 1433.6 | 1529.6 | 1616.9 | 1696.2 |
| -20° | 523.3 | 655.5 | 797.5 | 942.7 | 1072.1 | 1193.9 | 1308.4 | 1410.1 | 1505.5 | 1594.3 | 1677.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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° | 503.0 | 631.8 | 770.4 | 915.6 | 1043.2 | 1163.6 | 1276.8 | 1380.1 | 1479.0 | 1564.8 | 1653.6 |
| -25° | 482.7 | 606.8 | 740.3 | 878.1 | 1009.7 | 1129.6 | 1243.1 | 1343.8 | 1444.8 | 1534.1 | 1618.4 |
| -27.5° | 463.2 | 577.8 | 705.4 | 836.7 | 971.7 | 1091.0 | 1203.5 | 1304.2 | 1402.3 | 1500.0 | 1581.2 |
| -30° | 441.3 | 544.3 | 667.2 | 792.6 | 924.2 | 1045.7 | 1159.0 | 1263.5 | 1356.8 | 1453.3 | 1540.5 |
| -32.5° | 417.2 | 508.7 | 626.8 | 747.5 | 871.6 | 995.8 | 1108.0 | 1211.8 | 1308.9 | 1400.1 | 1491.6 |
| -35° | 393.7 | 479.9 | 584.1 | 699.0 | 815.8 | 937.6 | 1050.0 | 1152.8 | 1253.5 | 1343.9 | 1431.3 |
| -37.5° | 372.5 | 448.8 | 538.6 | 648.4 | 760.0 | 875.2 | 989.5 | 1089.0 | 1184.9 | 1284.2 | 1369.5 |
| -40° | 349.5 | 415.3 | 499.2 | 596.2 | 701.4 | 811.0 | 920.4 | 1023.4 | 1113.5 | 1211.7 | 1305.5 |
| -42.5° | 325.5 | 388.1 | 460.4 | 541.1 | 640.3 | 743.6 | 849.3 | 950.0 | 1043.6 | 1136.2 | 1229.1 |
| -45° | 304.4 | 359.3 | 420.8 | 494.6 | 575.4 | 672.5 | 772.6 | 872.9 | 962.8 | 1051.1 | 1142.8 |
| -47.5° | 282.0 | 330.3 | 387.2 | 446.1 | 516.4 | 597.6 | 691.6 | 784.2 | 876.2 | 960.2 | 1041.4 |
| -50° | 259.7 | 304.2 | 351.0 | 404.0 | 462.0 | 527.8 | 605.9 | 692.0 | 776.1 | 862.3 | 942.7 |
| -52.5° | 240.5 | 276.8 | 319.0 | 363.3 | 413.0 | 467.4 | 530.0 | 600.7 | 677.1 | 750.3 | 830.5 |
| -55° | 220.5 | 253.3 | 287.4 | 326.4 | 367.7 | 413.7 | 465.0 | 524.4 | 582.6 | 650.3 | 715.9 |
| -57.5° | 202.4 | 230.0 | 259.1 | 291.3 | 327.1 | 364.0 | 408.8 | 455.0 | 507.9 | 560.5 | 612.3 |
| -60° | 185.2 | 207.8 | 232.5 | 259.7 | 288.6 | 321.3 | 354.8 | 394.5 | 437.1 | 479.1 | 523.1 |
| -62.5° | 168.0 | 186.9 | 207.1 | 229.7 | 254.9 | 279.6 | 308.2 | 338.7 | 370.1 | 405.7 | 440.4 |
| -65° | 150.2 | 165.5 | 182.6 | 201.4 | 221.5 | 242.5 | 264.5 | 287.1 | 313.8 | 339.8 | 365.1 |
| -67.5° | 131.3 | 144.4 | 158.2 | 173.0 | 189.9 | 206.4 | 223.0 | 242.1 | 261.7 | 281.0 | 301.0 |
| -70° | 110.4 | 122.8 | 134.3 | 146.3 | 158.8 | 171.8 | 185.9 | 199.9 | 213.7 | 228.2 | 244.3 |
| -72.5° | 89.1 | 100.5 | 110.6 | 119.5 | 129.7 | 140.5 | 150.9 | 160.7 | 171.2 | 182.1 | 193.0 |
| -75° | 71.1 | 78.6 | 87.6 | 95.9 | 104.0 | 111.6 | 118.4 | 126.8 | 135.5 | 143.5 | 150.1 |
| -77.5° | 55.5 | 62.3 | 68.5 | 74.0 | 80.5 | 88.1 | 94.7 | 100.4 | 106.0 | 112.0 | 118.4 |
| -80° | 40.4 | 46.0 | 51.6 | 56.8 | 60.5 | 64.8 | 69.9 | 75.7 | 80.8 | 84.9 | 88.6 |
| -82.5° | 26.1 | 30.2 | 34.3 | 38.6 | 40.3 | 41.5 | 42.6 | 44.7 | 47.8 | 50.9 | 53.8 |
| -85° | 13.0 | 14.2 | 16.7 | 19.3 | 20.2 | 20.9 | 21.3 | 21.6 | 22.6 | 23.6 | 24.5 |
| -87.5° | 6.5 | 7.1 | 7.7 | 8.3 | 8.0 | 7.5 | 7.0 | 6.4 | 6.2 | 6.1 | 5.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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° | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.2 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 70° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 67.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 |
| 65° | 0.7 | 0.6 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 |
| 62.5° | 1.1 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 |
| 60° | 7.1 | 4.2 | 2.5 | 2.9 | 2.6 | 1.7 | 2.2 | 2.6 | 2.6 | 2.4 | 2.1 |
| 57.5° | 39.2 | 29.3 | 21.7 | 51.7 | 51.9 | 24.8 | 29.8 | 46.9 | 38.6 | 12.7 | 11.8 |
| 55° | 109.0 | 130.3 | 171.6 | 163.0 | 165.6 | 190.5 | 208.0 | 184.1 | 180.5 | 192.4 | 222.2 |
| 52.5° | 195.8 | 216.2 | 230.0 | 243.0 | 258.8 | 275.8 | 293.2 | 304.4 | 314.8 | 325.8 | 332.4 |
| 50° | 250.0 | 278.7 | 298.5 | 291.2 | 332.1 | 348.8 | 331.8 | 347.0 | 365.5 | 370.5 | 372.9 |
| 47.5° | 369.2 | 411.3 | 419.7 | 446.7 | 471.1 | 470.6 | 449.9 | 451.1 | 506.2 | 554.8 | 578.6 |
| 45° | 530.6 | 532.0 | 558.5 | 606.3 | 640.6 | 629.8 | 658.7 | 724.4 | 746.2 | 767.4 | 784.7 |
| 42.5° | 593.5 | 619.5 | 661.8 | 704.1 | 729.6 | 751.8 | 773.1 | 797.3 | 825.7 | 848.7 | 867.1 |
| 40° | 654.4 | 675.4 | 718.6 | 752.7 | 773.8 | 794.5 | 819.4 | 846.2 | 872.2 | 892.4 | 906.2 |
| 37.5° | 748.1 | 764.3 | 774.8 | 806.5 | 846.5 | 828.0 | 875.3 | 909.2 | 924.8 | 945.3 | 947.1 |
| 35° | 889.8 | 879.0 | 865.0 | 991.0 | 998.5 | 955.9 | 1000.2 | 1052.7 | 1025.1 | 1082.8 | 1113.8 |
| 32.5° | 1015.5 | 1013.9 | 1123.9 | 1190.1 | 1152.0 | 1183.1 | 1285.0 | 1280.5 | 1348.5 | 1380.0 | 1371.0 |
| 30° | 1133.9 | 1174.3 | 1237.9 | 1287.3 | 1293.8 | 1342.9 | 1388.2 | 1427.8 | 1468.9 | 1505.6 | 1508.1 |
| 27.5° | 1194.0 | 1246.7 | 1289.9 | 1318.5 | 1350.3 | 1391.6 | 1432.7 | 1477.4 | 1512.2 | 1535.2 | 1540.9 |
| 25° | 1230.4 | 1284.2 | 1316.9 | 1347.6 | 1382.8 | 1418.5 | 1464.4 | 1513.0 | 1541.1 | 1555.3 | 1559.8 |
| 22.5° | 1262.4 | 1310.8 | 1346.0 | 1370.9 | 1408.8 | 1447.1 | 1489.9 | 1531.1 | 1561.6 | 1567.8 | 1570.0 |
| 20° | 1293.3 | 1339.8 | 1398.5 | 1435.2 | 1433.4 | 1476.5 | 1517.8 | 1550.6 | 1576.0 | 1575.9 | 1576.4 |
| 17.5° | 1382.5 | 1399.1 | 1505.7 | 1586.6 | 1546.5 | 1525.4 | 1639.0 | 1641.2 | 1648.0 | 1634.5 | 1605.4 |
| 15° | 1514.7 | 1544.9 | 1675.8 | 1763.5 | 1735.9 | 1734.4 | 1898.6 | 1857.9 | 1892.9 | 1883.7 | 1923.1 |
| 12.5° | 1654.7 | 1690.5 | 1788.3 | 1874.4 | 1915.4 | 1925.5 | 1980.3 | 2031.7 | 2042.3 | 2038.1 | 2030.3 |
| 10° | 1750.1 | 1801.0 | 1840.3 | 1892.6 | 1934.0 | 1976.2 | 2007.9 | 2044.9 | 2056.9 | 2049.9 | 2040.0 |
| 7.5° | 1762.5 | 1812.9 | 1859.0 | 1904.8 | 1944.3 | 1978.3 | 2011.2 | 2041.3 | 2053.6 | 2049.5 | 2042.7 |
| 5° | 1770.4 | 1816.0 | 1860.7 | 1907.3 | 1944.9 | 1976.5 | 2009.3 | 2039.7 | 2047.0 | 2042.1 | 2035.5 |
| 2.5° | 1775.3 | 1817.5 | 1860.6 | 1906.9 | 1941.1 | 1971.2 | 2004.4 | 2036.9 | 2036.8 | 2034.7 | 2030.8 |
| 0° | 1777.6 | 1820.0 | 1870.0 | 1911.9 | 1950.2 | 1978.6 | 2011.5 | 2043.1 | 2040.8 | 2035.0 | 2028.2 |
| -2.5° | 1782.7 | 1825.6 | 1876.6 | 1911.4 | 1954.6 | 1980.6 | 2014.6 | 2041.9 | 2040.9 | 2038.0 | 2034.7 |
| -5° | 1787.2 | 1835.5 | 1883.2 | 1919.8 | 1963.1 | 1997.1 | 2030.8 | 2052.2 | 2053.4 | 2049.4 | 2043.7 |
| -7.5° | 1790.0 | 1843.5 | 1889.0 | 1925.7 | 1967.7 | 2007.2 | 2041.5 | 2064.0 | 2064.5 | 2059.2 | 2052.4 |
| -10° | 1789.0 | 1845.5 | 1892.4 | 1930.4 | 1973.3 | 2012.4 | 2048.2 | 2076.7 | 2075.8 | 2070.7 | 2065.0 |
| -12.5° | 1785.6 | 1842.1 | 1890.3 | 1928.3 | 1977.1 | 2017.3 | 2057.6 | 2085.9 | 2087.5 | 2083.7 | 2077.4 |
| -15° | 1778.2 | 1836.5 | 1883.4 | 1924.9 | 1972.7 | 2019.7 | 2061.2 | 2092.4 | 2097.9 | 2094.8 | 2089.9 |
| -17.5° | 1763.6 | 1825.0 | 1874.7 | 1919.5 | 1965.4 | 2015.5 | 2062.6 | 2096.8 | 2104.3 | 2103.1 | 2099.0 |
| -20° | 1744.3 | 1807.7 | 1858.1 | 1905.1 | 1955.1 | 2006.7 | 2061.5 | 2092.7 | 2103.7 | 2104.4 | 2101.6 |



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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° | 1722.6 | 1784.7 | 1838.2 | 1884.3 | 1938.6 | 1990.8 | 2040.5 | 2077.0 | 2095.5 | 2099.0 | 2099.2 |
| -25° | 1696.7 | 1760.5 | 1813.7 | 1862.8 | 1913.2 | 1967.1 | 2017.3 | 2058.0 | 2076.8 | 2085.9 | 2088.6 |
| -27.5° | 1660.0 | 1726.0 | 1778.3 | 1830.2 | 1881.5 | 1937.2 | 1989.9 | 2034.3 | 2049.5 | 2061.9 | 2066.9 |
| -30° | 1617.1 | 1682.3 | 1735.6 | 1783.1 | 1841.7 | 1898.5 | 1953.0 | 1991.6 | 2014.7 | 2028.8 | 2036.6 |
| -32.5° | 1567.7 | 1633.5 | 1689.5 | 1739.0 | 1794.8 | 1851.6 | 1902.8 | 1943.6 | 1975.4 | 1991.7 | 1999.9 |
| -35° | 1514.1 | 1581.3 | 1639.9 | 1692.1 | 1744.6 | 1798.8 | 1851.8 | 1894.5 | 1930.7 | 1944.7 | 1955.1 |
| -37.5° | 1449.4 | 1523.6 | 1583.7 | 1637.5 | 1687.4 | 1738.3 | 1793.6 | 1842.3 | 1877.5 | 1891.1 | 1902.0 |
| -40° | 1383.2 | 1454.9 | 1515.5 | 1572.9 | 1622.2 | 1677.8 | 1731.0 | 1782.1 | 1812.7 | 1828.5 | 1840.9 |
| -42.5° | 1313.2 | 1378.0 | 1435.6 | 1491.4 | 1546.3 | 1603.5 | 1656.7 | 1709.8 | 1736.2 | 1755.3 | 1770.5 |
| -45° | 1232.5 | 1292.7 | 1348.7 | 1400.9 | 1457.5 | 1513.8 | 1567.0 | 1614.0 | 1645.4 | 1670.2 | 1689.6 |
| -47.5° | 1124.8 | 1198.2 | 1254.4 | 1304.1 | 1360.2 | 1414.5 | 1466.1 | 1510.2 | 1544.7 | 1573.8 | 1596.2 |
| -50° | 1015.4 | 1085.9 | 1149.3 | 1205.1 | 1257.2 | 1307.4 | 1356.5 | 1399.7 | 1436.1 | 1467.6 | 1490.4 |
| -52.5° | 907.8 | 973.8 | 1036.7 | 1094.3 | 1144.3 | 1191.7 | 1236.7 | 1280.1 | 1318.6 | 1352.2 | 1374.3 |
| -55° | 786.1 | 854.5 | 916.7 | 970.4 | 1020.4 | 1067.3 | 1111.6 | 1152.8 | 1190.7 | 1225.0 | 1246.1 |
| -57.5° | 672.0 | 732.0 | 789.9 | 839.4 | 886.7 | 931.3 | 973.3 | 1012.7 | 1049.2 | 1081.5 | 1101.8 |
| -60° | 567.0 | 610.8 | 660.6 | 706.4 | 748.2 | 786.2 | 825.4 | 862.2 | 895.7 | 924.0 | 943.0 |
| -62.5° | 474.3 | 510.6 | 546.6 | 581.4 | 615.3 | 649.4 | 682.3 | 712.7 | 740.7 | 763.9 | 780.6 |
| -65° | 391.7 | 420.8 | 446.9 | 471.5 | 495.0 | 522.0 | 546.9 | 570.4 | 592.1 | 609.9 | 622.6 |
| -67.5° | 322.5 | 343.0 | 361.0 | 377.9 | 396.5 | 415.5 | 433.3 | 448.8 | 462.1 | 472.6 | 481.0 |
| -70° | 260.1 | 275.2 | 288.7 | 302.2 | 315.8 | 328.1 | 339.9 | 351.3 | 362.2 | 371.0 | 377.7 |
| -72.5° | 203.7 | 214.0 | 223.2 | 233.6 | 243.3 | 252.7 | 260.9 | 267.5 | 272.6 | 277.6 | 281.9 |
| -75° | 155.3 | 163.1 | 173.5 | 182.3 | 189.5 | 196.0 | 201.9 | 207.1 | 211.7 | 215.8 | 219.4 |
| -77.5° | 124.9 | 131.5 | 138.1 | 144.6 | 150.8 | 155.4 | 159.7 | 164.0 | 168.2 | 171.8 | 175.0 |
| -80° | 92.6 | 97.5 | 102.6 | 107.8 | 112.9 | 115.5 | 117.5 | 119.4 | 121.1 | 123.2 | 125.3 |
| -82.5° | 56.6 | 59.4 | 62.2 | 65.1 | 68.0 | 68.7 | 69.0 | 68.9 | 68.5 | 67.7 | 66.6 |
| -85° | 25.2 | 25.3 | 25.2 | 24.9 | 24.5 | 23.5 | 22.3 | 20.9 | 19.3 | 19.0 | 18.7 |
| -87.5° | 5.6 | 5.4 | 5.3 | 5.1 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 5.0 | 5.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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 | 0.4 | 0.5 | 0.5 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 72.5° | 0.5 | 0.5 | 0.3 | 0.0 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 70° | 0.5 | 0.5 | 0.3 | 0.0 | 0.3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 67.5° | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 |
| 65° | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 |
| 62.5° | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 |
| 60° | 1.6 | 1.1 | 0.9 | 0.9 | 0.9 | 1.1 | 1.6 | 2.1 | 2.4 | 2.6 | 2.6 |
| 57.5° | 10.0 | 7.5 | 6.4 | 5.9 | 6.4 | 7.5 | 10.0 | 11.8 | 12.7 | 38.6 | 46.9 |
| 55° | 243.6 | 256.0 | 265.2 | 269.5 | 265.2 | 256.0 | 243.6 | 222.2 | 192.4 | 180.5 | 184.1 |
| 52.5° | 338.2 | 343.6 | 346.7 | 346.6 | 346.7 | 343.6 | 338.2 | 332.4 | 325.8 | 314.8 | 304.4 |
| 50° | 377.0 | 379.6 | 380.6 | 380.0 | 380.6 | 379.6 | 377.0 | 372.9 | 370.5 | 365.5 | 347.0 |
| 47.5° | 556.8 | 508.6 | 473.2 | 464.7 | 473.2 | 508.6 | 556.8 | 578.6 | 554.8 | 506.2 | 451.1 |
| 45° | 793.0 | 811.3 | 829.5 | 835.2 | 829.5 | 811.3 | 793.0 | 784.7 | 767.4 | 746.2 | 724.4 |
| 42.5° | 874.9 | 880.8 | 884.2 | 884.3 | 884.2 | 880.8 | 874.9 | 867.1 | 848.7 | 825.7 | 797.3 |
| 40° | 913.9 | 919.5 | 922.8 | 923.1 | 922.8 | 919.5 | 913.9 | 906.2 | 892.4 | 872.2 | 846.2 |
| 37.5° | 949.4 | 954.2 | 957.3 | 960.5 | 957.3 | 954.2 | 949.4 | 947.1 | 945.3 | 924.8 | 909.2 |
| 35° | 1109.6 | 1073.3 | 1021.1 | 1029.0 | 1021.1 | 1073.3 | 1109.6 | 1113.8 | 1082.8 | 1025.1 | 1052.7 |
| 32.5° | 1385.1 | 1400.3 | 1409.9 | 1426.1 | 1409.9 | 1400.3 | 1385.1 | 1371.0 | 1380.0 | 1348.5 | 1280.5 |
| 30° | 1512.2 | 1517.2 | 1524.8 | 1532.9 | 1524.8 | 1517.2 | 1512.2 | 1508.1 | 1505.6 | 1468.9 | 1427.8 |
| 27.5° | 1543.9 | 1549.1 | 1553.8 | 1557.2 | 1553.8 | 1549.1 | 1543.9 | 1540.9 | 1535.2 | 1512.2 | 1477.4 |
| 25° | 1560.5 | 1563.7 | 1568.6 | 1573.0 | 1568.6 | 1563.7 | 1560.5 | 1559.8 | 1555.3 | 1541.1 | 1513.0 |
| 22.5° | 1568.7 | 1569.0 | 1572.9 | 1578.4 | 1572.9 | 1569.0 | 1568.7 | 1570.0 | 1567.8 | 1561.6 | 1531.1 |
| 20° | 1574.4 | 1571.3 | 1575.3 | 1578.9 | 1575.3 | 1571.3 | 1574.4 | 1576.4 | 1575.9 | 1576.0 | 1550.6 |
| 17.5° | 1646.4 | 1605.3 | 1588.5 | 1588.8 | 1588.5 | 1605.3 | 1646.4 | 1605.4 | 1634.5 | 1648.0 | 1641.2 |
| 15° | 1878.9 | 1894.3 | 1953.4 | 1985.4 | 1953.4 | 1894.3 | 1878.9 | 1923.1 | 1883.7 | 1892.9 | 1857.9 |
| 12.5° | 2028.9 | 2023.4 | 2016.4 | 2026.0 | 2016.4 | 2023.4 | 2028.9 | 2030.3 | 2038.1 | 2042.3 | 2031.7 |
| 10° | 2035.9 | 2035.2 | 2022.7 | 2036.3 | 2022.7 | 2035.2 | 2035.9 | 2040.0 | 2049.9 | 2056.9 | 2044.9 |
| 7.5° | 2031.6 | 2032.0 | 2026.7 | 2039.9 | 2026.7 | 2032.0 | 2031.6 | 2042.7 | 2049.5 | 2053.6 | 2041.3 |
| 5° | 2034.4 | 2025.3 | 2028.7 | 2036.3 | 2028.7 | 2025.3 | 2034.4 | 2035.5 | 2042.1 | 2047.0 | 2039.7 |
| 2.5° | 2026.6 | 2025.6 | 2018.8 | 2024.2 | 2018.8 | 2025.6 | 2026.6 | 2030.8 | 2034.7 | 2036.8 | 2036.9 |
| 0° | 2020.6 | 2015.6 | 2015.6 | 2020.1 | 2015.6 | 2015.6 | 2020.6 | 2028.2 | 2035.0 | 2040.8 | 2043.1 |
| -2.5° | 2031.2 | 2030.2 | 2029.5 | 2026.4 | 2029.5 | 2030.2 | 2031.2 | 2034.7 | 2038.0 | 2040.9 | 2041.9 |
| -5° | 2040.0 | 2037.3 | 2029.9 | 2039.9 | 2029.9 | 2037.3 | 2040.0 | 2043.7 | 2049.4 | 2053.4 | 2052.2 |
| -7.5° | 2049.4 | 2042.6 | 2035.6 | 2051.2 | 2035.6 | 2042.6 | 2049.4 | 2052.4 | 2059.2 | 2064.5 | 2064.0 |
| -10° | 2058.0 | 2048.1 | 2041.3 | 2056.6 | 2041.3 | 2048.1 | 2058.0 | 2065.0 | 2070.7 | 2075.8 | 2076.7 |
| -12.5° | 2069.4 | 2057.8 | 2053.3 | 2061.6 | 2053.3 | 2057.8 | 2069.4 | 2077.4 | 2083.7 | 2087.5 | 2085.9 |
| -15° | 2081.5 | 2073.5 | 2072.4 | 2077.3 | 2072.4 | 2073.5 | 2081.5 | 2089.9 | 2094.8 | 2097.9 | 2092.4 |
| -17.5° | 2092.2 | 2086.6 | 2089.3 | 2094.9 | 2089.3 | 2086.6 | 2092.2 | 2099.0 | 2103.1 | 2104.3 | 2096.8 |
| -20° | 2097.3 | 2094.1 | 2097.3 | 2111.1 | 2097.3 | 2094.1 | 2097.3 | 2101.6 | 2104.4 | 2103.7 | 2092.7 |

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

Scaled Data Report



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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° | 2096.8 | 2097.0 | 2102.5 | 2107.1 | 2102.5 | 2097.0 | 2096.8 | 2099.2 | 2099.0 | 2095.5 | 2077.0 |
| -25° | 2088.8 | 2093.1 | 2099.4 | 2108.4 | 2099.4 | 2093.1 | 2088.8 | 2088.6 | 2085.9 | 2076.8 | 2058.0 |
| -27.5° | 2069.5 | 2076.5 | 2083.2 | 2092.7 | 2083.2 | 2076.5 | 2069.5 | 2066.9 | 2061.9 | 2049.5 | 2034.3 |
| -30° | 2041.7 | 2050.0 | 2055.9 | 2066.1 | 2055.9 | 2050.0 | 2041.7 | 2036.6 | 2028.8 | 2014.7 | 1991.6 |
| -32.5° | 2007.7 | 2017.2 | 2024.1 | 2031.4 | 2024.1 | 2017.2 | 2007.7 | 1999.9 | 1991.7 | 1975.4 | 1943.6 |
| -35° | 1965.3 | 1975.4 | 1982.8 | 1989.5 | 1982.8 | 1975.4 | 1965.3 | 1955.1 | 1944.7 | 1930.7 | 1894.5 |
| -37.5° | 1914.3 | 1925.2 | 1933.6 | 1941.2 | 1933.6 | 1925.2 | 1914.3 | 1902.0 | 1891.1 | 1877.5 | 1842.3 |
| -40° | 1854.9 | 1866.1 | 1875.1 | 1883.5 | 1875.1 | 1866.1 | 1854.9 | 1840.9 | 1828.5 | 1812.7 | 1782.1 |
| -42.5° | 1785.4 | 1796.7 | 1806.1 | 1814.6 | 1806.1 | 1796.7 | 1785.4 | 1770.5 | 1755.3 | 1736.2 | 1709.8 |
| -45° | 1705.2 | 1716.8 | 1726.7 | 1735.7 | 1726.7 | 1716.8 | 1705.2 | 1689.6 | 1670.2 | 1645.4 | 1614.0 |
| -47.5° | 1612.8 | 1625.2 | 1633.6 | 1637.9 | 1633.6 | 1625.2 | 1612.8 | 1596.2 | 1573.8 | 1544.7 | 1510.2 |
| -50° | 1506.9 | 1519.3 | 1529.4 | 1536.9 | 1529.4 | 1519.3 | 1506.9 | 1490.4 | 1467.6 | 1436.1 | 1399.7 |
| -52.5° | 1390.3 | 1402.2 | 1410.9 | 1416.1 | 1410.9 | 1402.2 | 1390.3 | 1374.3 | 1352.2 | 1318.6 | 1280.1 |
| -55° | 1262.7 | 1275.1 | 1283.3 | 1287.2 | 1283.3 | 1275.1 | 1262.7 | 1246.1 | 1225.0 | 1190.7 | 1152.8 |
| -57.5° | 1118.0 | 1129.8 | 1138.6 | 1143.5 | 1138.6 | 1129.8 | 1118.0 | 1101.8 | 1081.5 | 1049.2 | 1012.7 |
| -60° | 957.8 | 968.4 | 975.0 | 977.6 | 975.0 | 968.4 | 957.8 | 943.0 | 924.0 | 895.7 | 862.2 |
| -62.5° | 794.0 | 803.9 | 810.2 | 812.6 | 810.2 | 803.9 | 794.0 | 780.6 | 763.9 | 740.7 | 712.7 |
| -65° | 632.0 | 638.3 | 641.8 | 642.3 | 641.8 | 638.3 | 632.0 | 622.6 | 609.9 | 592.1 | 570.4 |
| -67.5° | 487.6 | 492.3 | 495.2 | 496.2 | 495.2 | 492.3 | 487.6 | 481.0 | 472.6 | 462.1 | 448.8 |
| -70° | 382.6 | 385.9 | 387.8 | 388.1 | 387.8 | 385.9 | 382.6 | 377.7 | 371.0 | 362.2 | 351.3 |
| -72.5° | 285.3 | 287.7 | 286.8 | 284.9 | 286.8 | 287.7 | 285.3 | 281.9 | 277.6 | 272.6 | 267.5 |
| -75° | 222.6 | 225.2 | 224.1 | 222.2 | 224.1 | 225.2 | 222.6 | 219.4 | 215.8 | 211.7 | 207.1 |
| -77.5° | 177.8 | 180.1 | 179.0 | 177.1 | 179.0 | 180.1 | 177.8 | 175.0 | 171.8 | 168.2 | 164.0 |
| -80° | 127.0 | 128.4 | 129.3 | 129.8 | 129.3 | 128.4 | 127.0 | 125.3 | 123.2 | 121.1 | 119.4 |
| -82.5° | 65.0 | 63.1 | 61.9 | 60.4 | 61.9 | 63.1 | 65.0 | 66.6 | 67.7 | 68.5 | 68.9 |
| -85° | 18.4 | 17.9 | 18.2 | 18.5 | 18.2 | 17.9 | 18.4 | 18.7 | 19.0 | 19.3 | 20.9 |
| -87.5° | 5.3 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.3 | 5.1 | 5.0 | 4.8 | 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 |



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 70° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 67.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 |
| 65° | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 |
| 62.5° | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1.1 | 1.1 | 1.1 | 1.3 | 1.8 |
| 60° | 2.2 | 1.7 | 2.6 | 2.9 | 2.5 | 4.2 | 7.1 | 6.4 | 1.9 | 10.2 | 11.8 |
| 57.5° | 29.8 | 24.8 | 51.9 | 51.7 | 21.7 | 29.3 | 39.2 | 25.8 | 16.9 | 28.9 | 38.2 |
| 55° | 208.0 | 190.5 | 165.6 | 163.0 | 171.6 | 130.3 | 109.0 | 104.8 | 82.1 | 53.4 | 63.4 |
| 52.5° | 293.2 | 275.8 | 258.8 | 243.0 | 230.0 | 216.2 | 195.8 | 173.8 | 166.7 | 134.2 | 103.5 |
| 50° | 331.8 | 348.8 | 332.1 | 291.2 | 298.5 | 278.7 | 250.0 | 226.6 | 231.4 | 211.5 | 170.6 |
| 47.5° | 449.9 | 470.6 | 471.1 | 446.7 | 419.7 | 411.3 | 369.2 | 296.1 | 301.0 | 300.1 | 256.7 |
| 45° | 658.7 | 629.8 | 640.6 | 606.3 | 558.5 | 532.0 | 530.6 | 452.4 | 379.9 | 368.1 | 363.9 |
| 42.5° | 773.1 | 751.8 | 729.6 | 704.1 | 661.8 | 619.5 | 593.5 | 549.5 | 491.2 | 439.6 | 421.4 |
| 40° | 819.4 | 794.5 | 773.8 | 752.7 | 718.6 | 675.4 | 654.4 | 596.6 | 552.8 | 508.1 | 493.3 |
| 37.5° | 875.3 | 828.0 | 846.5 | 806.5 | 774.8 | 764.3 | 748.1 | 687.9 | 590.8 | 582.7 | 575.2 |
| 35° | 1000.2 | 955.9 | 998.5 | 991.0 | 865.0 | 879.0 | 889.8 | 816.0 | 714.3 | 659.2 | 660.4 |
| 32.5° | 1285.0 | 1183.1 | 1152.0 | 1190.1 | 1123.9 | 1013.9 | 1015.5 | 993.0 | 854.3 | 774.1 | 739.1 |
| 30° | 1388.2 | 1342.9 | 1293.8 | 1287.3 | 1237.9 | 1174.3 | 1133.9 | 1079.8 | 978.9 | 887.4 | 827.3 |
| 27.5° | 1432.7 | 1391.6 | 1350.3 | 1318.5 | 1289.9 | 1246.7 | 1194.0 | 1130.5 | 1058.7 | 976.7 | 918.3 |
| 25° | 1464.4 | 1418.5 | 1382.8 | 1347.6 | 1316.9 | 1284.2 | 1230.4 | 1168.5 | 1101.5 | 1035.4 | 972.7 |
| 22.5° | 1489.9 | 1447.1 | 1408.8 | 1370.9 | 1346.0 | 1310.8 | 1262.4 | 1198.5 | 1153.5 | 1111.5 | 1030.0 |
| 20° | 1517.8 | 1476.5 | 1433.4 | 1435.2 | 1398.5 | 1339.8 | 1293.3 | 1261.5 | 1255.3 | 1208.0 | 1102.8 |
| 17.5° | 1639.0 | 1525.4 | 1546.5 | 1586.6 | 1505.7 | 1399.1 | 1382.5 | 1384.3 | 1364.8 | 1320.8 | 1189.9 |
| 15° | 1898.6 | 1734.4 | 1735.9 | 1763.5 | 1675.8 | 1544.9 | 1514.7 | 1511.0 | 1480.3 | 1431.7 | 1282.0 |
| 12.5° | 1980.3 | 1925.5 | 1915.4 | 1874.4 | 1788.3 | 1690.5 | 1654.7 | 1635.3 | 1578.9 | 1484.8 | 1348.2 |
| 10° | 2007.9 | 1976.2 | 1934.0 | 1892.6 | 1840.3 | 1801.0 | 1750.1 | 1679.5 | 1599.5 | 1508.8 | 1397.6 |
| 7.5° | 2011.2 | 1978.3 | 1944.3 | 1904.8 | 1859.0 | 1812.9 | 1762.5 | 1692.4 | 1615.0 | 1526.0 | 1432.4 |
| 5° | 2009.3 | 1976.5 | 1944.9 | 1907.3 | 1860.7 | 1816.0 | 1770.4 | 1701.1 | 1625.5 | 1537.3 | 1455.2 |
| 2.5° | 2004.4 | 1971.2 | 1941.1 | 1906.9 | 1860.6 | 1817.5 | 1775.3 | 1710.4 | 1632.9 | 1546.6 | 1462.8 |
| 0° | 2011.5 | 1978.6 | 1950.2 | 1911.9 | 1870.0 | 1820.0 | 1777.6 | 1719.9 | 1636.5 | 1552.7 | 1465.7 |
| -2.5° | 2014.6 | 1980.6 | 1954.6 | 1911.4 | 1876.6 | 1825.6 | 1782.7 | 1727.0 | 1643.3 | 1563.6 | 1472.7 |
| -5° | 2030.8 | 1997.1 | 1963.1 | 1919.8 | 1883.2 | 1835.5 | 1787.2 | 1729.8 | 1648.5 | 1569.5 | 1475.9 |
| -7.5° | 2041.5 | 2007.2 | 1967.7 | 1925.7 | 1889.0 | 1843.5 | 1790.0 | 1730.1 | 1653.1 | 1569.4 | 1477.4 |
| -10° | 2048.2 | 2012.4 | 1973.3 | 1930.4 | 1892.4 | 1845.5 | 1789.0 | 1728.6 | 1652.2 | 1565.7 | 1474.0 |
| -12.5° | 2057.6 | 2017.3 | 1977.1 | 1928.3 | 1890.3 | 1842.1 | 1785.6 | 1725.1 | 1645.1 | 1558.9 | 1465.6 |
| -15° | 2061.2 | 2019.7 | 1972.7 | 1924.9 | 1883.4 | 1836.5 | 1778.2 | 1714.9 | 1632.8 | 1548.3 | 1451.8 |
| -17.5° | 2062.6 | 2015.5 | 1965.4 | 1919.5 | 1874.7 | 1825.0 | 1763.6 | 1696.2 | 1616.9 | 1529.6 | 1433.6 |
| -20° | 2061.5 | 2006.7 | 1955.1 | 1905.1 | 1858.1 | 1807.7 | 1744.3 | 1677.5 | 1594.3 | 1505.5 | 1410.1 |

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REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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° | 2040.5 | 1990.8 | 1938.6 | 1884.3 | 1838.2 | 1784.7 | 1722.6 | 1653.6 | 1564.8 | 1479.0 | 1380.1 |
| -25° | 2017.3 | 1967.1 | 1913.2 | 1862.8 | 1813.7 | 1760.5 | 1696.7 | 1618.4 | 1534.1 | 1444.8 | 1343.8 |
| -27.5° | 1989.9 | 1937.2 | 1881.5 | 1830.2 | 1778.3 | 1726.0 | 1660.0 | 1581.2 | 1500.0 | 1402.3 | 1304.2 |
| -30° | 1953.0 | 1898.5 | 1841.7 | 1783.1 | 1735.6 | 1682.3 | 1617.1 | 1540.5 | 1453.3 | 1356.8 | 1263.5 |
| -32.5° | 1902.8 | 1851.6 | 1794.8 | 1739.0 | 1689.5 | 1633.5 | 1567.7 | 1491.6 | 1400.1 | 1308.9 | 1211.8 |
| -35° | 1851.8 | 1798.8 | 1744.6 | 1692.1 | 1639.9 | 1581.3 | 1514.1 | 1431.3 | 1343.9 | 1253.5 | 1152.8 |
| -37.5° | 1793.6 | 1738.3 | 1687.4 | 1637.5 | 1583.7 | 1523.6 | 1449.4 | 1369.5 | 1284.2 | 1184.9 | 1089.0 |
| -40° | 1731.0 | 1677.8 | 1622.2 | 1572.9 | 1515.5 | 1454.9 | 1383.2 | 1305.5 | 1211.7 | 1113.5 | 1023.4 |
| -42.5° | 1656.7 | 1603.5 | 1546.3 | 1491.4 | 1435.6 | 1378.0 | 1313.2 | 1229.1 | 1136.2 | 1043.6 | 950.0 |
| -45° | 1567.0 | 1513.8 | 1457.5 | 1400.9 | 1348.7 | 1292.7 | 1232.5 | 1142.8 | 1051.1 | 962.8 | 872.9 |
| -47.5° | 1466.1 | 1414.5 | 1360.2 | 1304.1 | 1254.4 | 1198.2 | 1124.8 | 1041.4 | 960.2 | 876.2 | 784.2 |
| -50° | 1356.5 | 1307.4 | 1257.2 | 1205.1 | 1149.3 | 1085.9 | 1015.4 | 942.7 | 862.3 | 776.1 | 692.0 |
| -52.5° | 1236.7 | 1191.7 | 1144.3 | 1094.3 | 1036.7 | 973.8 | 907.8 | 830.5 | 750.3 | 677.1 | 600.7 |
| -55° | 1111.6 | 1067.3 | 1020.4 | 970.4 | 916.7 | 854.5 | 786.1 | 715.9 | 650.3 | 582.6 | 524.4 |
| -57.5° | 973.3 | 931.3 | 886.7 | 839.4 | 789.9 | 732.0 | 672.0 | 612.3 | 560.5 | 507.9 | 455.0 |
| -60° | 825.4 | 786.2 | 748.2 | 706.4 | 660.6 | 610.8 | 567.0 | 523.1 | 479.1 | 437.1 | 394.5 |
| -62.5° | 682.3 | 649.4 | 615.3 | 581.4 | 546.6 | 510.6 | 474.3 | 440.4 | 405.7 | 370.1 | 338.7 |
| -65° | 546.9 | 522.0 | 495.0 | 471.5 | 446.9 | 420.8 | 391.7 | 365.1 | 339.8 | 313.8 | 287.1 |
| -67.5° | 433.3 | 415.5 | 396.5 | 377.9 | 361.0 | 343.0 | 322.5 | 301.0 | 281.0 | 261.7 | 242.1 |
| -70° | 339.9 | 328.1 | 315.8 | 302.2 | 288.7 | 275.2 | 260.1 | 244.3 | 228.2 | 213.7 | 199.9 |
| -72.5° | 260.9 | 252.7 | 243.3 | 233.6 | 223.2 | 214.0 | 203.7 | 193.0 | 182.1 | 171.2 | 160.7 |
| -75° | 201.9 | 196.0 | 189.5 | 182.3 | 173.5 | 163.1 | 155.3 | 150.1 | 143.5 | 135.5 | 126.8 |
| -77.5° | 159.7 | 155.4 | 150.8 | 144.6 | 138.1 | 131.5 | 124.9 | 118.4 | 112.0 | 106.0 | 100.4 |
| -80° | 117.5 | 115.5 | 112.9 | 107.8 | 102.6 | 97.5 | 92.6 | 88.6 | 84.9 | 80.8 | 75.7 |
| -82.5° | 69.0 | 68.7 | 68.0 | 65.1 | 62.2 | 59.4 | 56.6 | 53.8 | 50.9 | 47.8 | 44.7 |
| -85° | 22.3 | 23.5 | 24.5 | 24.9 | 25.2 | 25.3 | 25.2 | 24.5 | 23.6 | 22.6 | 21.6 |
| -87.5° | 4.9 | 4.9 | 4.9 | 5.1 | 5.3 | 5.4 | 5.6 | 5.8 | 6.1 | 6.2 | 6.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 0.5 |
| 82.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 |
| 80° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 |
| 77.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 |
| 75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 |
| 72.5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.5 | 0.6 | 0.7 | 0.8 |
| 70° | 0.6 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| 67.5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.9 | 1.0 | 1.0 | 0.8 | 0.9 |
| 65° | 0.7 | 0.8 | 0.9 | 1.3 | 1.1 | 0.8 | 0.9 | 1.8 | 1.4 | 1.2 | 0.9 |
| 62.5° | 1.5 | 0.8 | 2.8 | 3.8 | 2.2 | 1.7 | 1.3 | 3.9 | 2.5 | 1.7 | 1.2 |
| 60° | 3.5 | 2.9 | 7.9 | 12.7 | 8.9 | 3.0 | 4.4 | 6.8 | 6.3 | 2.2 | 1.7 |
| 57.5° | 33.0 | 11.4 | 16.5 | 23.8 | 23.4 | 12.7 | 9.3 | 12.4 | 10.6 | 6.1 | 2.4 |
| 55° | 70.5 | 59.4 | 39.2 | 35.9 | 38.8 | 31.3 | 20.4 | 20.0 | 16.4 | 11.4 | 3.9 |
| 52.5° | 96.8 | 101.0 | 87.9 | 61.4 | 53.5 | 50.9 | 39.8 | 29.0 | 25.8 | 17.1 | 9.9 |
| 50° | 140.1 | 130.5 | 129.2 | 108.4 | 75.0 | 67.9 | 58.8 | 45.3 | 36.1 | 24.4 | 16.7 |
| 47.5° | 198.0 | 173.9 | 161.1 | 151.8 | 119.7 | 86.5 | 77.1 | 62.0 | 47.6 | 35.2 | 23.8 |
| 45° | 282.9 | 224.8 | 200.1 | 185.0 | 164.0 | 121.7 | 96.4 | 78.1 | 62.0 | 47.2 | 31.3 |
| 42.5° | 368.2 | 290.6 | 244.6 | 220.1 | 198.3 | 161.4 | 117.2 | 96.8 | 76.1 | 59.5 | 40.8 |
| 40° | 443.5 | 358.5 | 291.3 | 259.9 | 232.0 | 199.8 | 150.7 | 116.7 | 89.9 | 72.1 | 51.6 |
| 37.5° | 534.1 | 435.8 | 345.1 | 301.6 | 268.0 | 231.8 | 184.8 | 137.6 | 106.4 | 85.3 | 62.3 |
| 35° | 621.8 | 535.9 | 405.3 | 352.0 | 308.0 | 264.7 | 217.6 | 162.2 | 126.8 | 98.8 | 73.1 |
| 32.5° | 715.9 | 630.0 | 496.2 | 408.2 | 349.4 | 298.3 | 248.3 | 192.2 | 147.2 | 112.4 | 83.9 |
| 30° | 790.1 | 692.0 | 576.0 | 464.5 | 394.4 | 335.8 | 278.9 | 220.9 | 167.8 | 126.1 | 94.7 |
| 27.5° | 829.4 | 745.6 | 639.0 | 527.2 | 445.1 | 374.2 | 310.5 | 248.4 | 188.2 | 141.2 | 106.0 |
| 25° | 870.0 | 783.3 | 684.0 | 582.0 | 495.1 | 414.9 | 341.9 | 274.6 | 210.6 | 158.2 | 117.2 |
| 22.5° | 918.6 | 815.4 | 722.0 | 625.5 | 546.7 | 456.1 | 374.9 | 301.1 | 233.0 | 174.9 | 128.2 |
| 20° | 967.4 | 845.2 | 759.4 | 684.7 | 597.4 | 500.7 | 409.3 | 327.0 | 254.1 | 191.2 | 139.0 |
| 17.5° | 1018.7 | 899.4 | 823.0 | 742.4 | 647.9 | 543.9 | 443.2 | 352.1 | 273.9 | 206.9 | 149.5 |
| 15° | 1107.8 | 980.4 | 887.0 | 798.5 | 698.1 | 585.5 | 476.3 | 376.2 | 292.4 | 222.0 | 159.2 |
| 12.5° | 1188.8 | 1055.9 | 951.1 | 852.8 | 747.5 | 625.2 | 508.2 | 399.1 | 309.5 | 234.1 | 167.9 |
| 10° | 1255.8 | 1125.9 | 1014.4 | 904.9 | 795.5 | 662.6 | 538.7 | 417.8 | 319.7 | 243.1 | 175.8 |
| 7.5° | 1310.7 | 1190.6 | 1076.2 | 954.5 | 836.7 | 687.1 | 554.0 | 428.6 | 327.7 | 250.8 | 183.1 |
| 5° | 1350.3 | 1233.7 | 1109.0 | 971.8 | 849.5 | 697.1 | 564.5 | 437.5 | 334.1 | 257.1 | 189.7 |
| 2.5° | 1361.7 | 1247.0 | 1121.3 | 981.3 | 858.3 | 703.6 | 572.0 | 444.3 | 339.0 | 262.3 | 195.5 |
| 0° | 1368.4 | 1255.7 | 1129.0 | 987.1 | 862.7 | 706.7 | 576.5 | 448.9 | 342.5 | 266.4 | 200.6 |
| -2.5° | 1377.7 | 1263.2 | 1136.5 | 1002.0 | 865.6 | 716.2 | 579.0 | 451.9 | 346.9 | 267.9 | 203.6 |
| -5° | 1382.3 | 1266.1 | 1140.1 | 1012.1 | 864.8 | 721.8 | 578.7 | 452.9 | 349.8 | 268.4 | 205.7 |
| -7.5° | 1380.2 | 1265.1 | 1140.2 | 1015.2 | 860.9 | 723.1 | 575.6 | 451.9 | 351.0 | 268.0 | 207.1 |
| -10° | 1374.0 | 1260.0 | 1135.8 | 1007.0 | 857.3 | 718.0 | 570.0 | 449.0 | 350.3 | 266.8 | 207.6 |
| -12.5° | 1364.6 | 1250.5 | 1126.9 | 995.3 | 849.8 | 707.5 | 563.4 | 444.1 | 347.5 | 265.0 | 207.2 |
| -15° | 1352.3 | 1236.5 | 1113.4 | 980.4 | 837.5 | 693.5 | 553.4 | 436.9 | 342.0 | 262.9 | 206.0 |
| -17.5° | 1336.6 | 1218.3 | 1095.2 | 962.8 | 820.1 | 676.1 | 540.1 | 427.6 | 335.1 | 260.3 | 203.5 |
| -20° | 1308.4 | 1193.9 | 1072.1 | 942.7 | 797.5 | 655.5 | 523.3 | 416.2 | 326.9 | 256.7 | 200.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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° | 1276.8 | 1163.6 | 1043.2 | 915.6 | 770.4 | 631.8 | 503.0 | 402.5 | 317.4 | 252.0 | 195.7 |
| -25° | 1243.1 | 1129.6 | 1009.7 | 878.1 | 740.3 | 606.8 | 482.7 | 386.7 | 306.8 | 246.1 | 190.8 |
| -27.5° | 1203.5 | 1091.0 | 971.7 | 836.7 | 705.4 | 577.8 | 463.2 | 372.8 | 296.5 | 239.1 | 185.2 |
| -30° | 1159.0 | 1045.7 | 924.2 | 792.6 | 667.2 | 544.3 | 441.3 | 357.9 | 287.8 | 231.5 | 178.9 |
| -32.5° | 1108.0 | 995.8 | 871.6 | 747.5 | 626.8 | 508.7 | 417.2 | 341.9 | 277.7 | 223.4 | 173.1 |
| -35° | 1050.0 | 937.6 | 815.8 | 699.0 | 584.1 | 479.9 | 393.7 | 325.0 | 266.3 | 214.6 | 167.0 |
| -37.5° | 989.5 | 875.2 | 760.0 | 648.4 | 538.6 | 448.8 | 372.5 | 308.3 | 253.5 | 205.3 | 160.2 |
| -40° | 920.4 | 811.0 | 701.4 | 596.2 | 499.2 | 415.3 | 349.5 | 291.7 | 241.4 | 195.3 | 152.9 |
| -42.5° | 849.3 | 743.6 | 640.3 | 541.1 | 460.4 | 388.1 | 325.5 | 273.9 | 228.7 | 185.6 | 144.9 |
| -45° | 772.6 | 672.5 | 575.4 | 494.6 | 420.8 | 359.3 | 304.4 | 255.5 | 215.1 | 175.8 | 136.6 |
| -47.5° | 691.6 | 597.6 | 516.4 | 446.1 | 387.2 | 330.3 | 282.0 | 239.5 | 200.8 | 165.2 | 128.3 |
| -50° | 605.9 | 527.8 | 462.0 | 404.0 | 351.0 | 304.2 | 259.7 | 222.8 | 187.8 | 153.6 | 119.6 |
| -52.5° | 530.0 | 467.4 | 413.0 | 363.3 | 319.0 | 276.8 | 240.5 | 205.7 | 174.3 | 142.4 | 110.6 |
| -55° | 465.0 | 413.7 | 367.7 | 326.4 | 287.4 | 253.3 | 220.5 | 190.5 | 160.5 | 131.2 | 101.4 |
| -57.5° | 408.8 | 364.0 | 327.1 | 291.3 | 259.1 | 230.0 | 202.4 | 175.0 | 147.2 | 119.6 | 94.1 |
| -60° | 354.8 | 321.3 | 288.6 | 259.7 | 232.5 | 207.8 | 185.2 | 159.5 | 133.8 | 108.0 | 86.1 |
| -62.5° | 308.2 | 279.6 | 254.9 | 229.7 | 207.1 | 186.9 | 168.0 | 144.3 | 120.0 | 97.2 | 77.3 |
| -65° | 264.5 | 242.5 | 221.5 | 201.4 | 182.6 | 165.5 | 150.2 | 128.7 | 106.2 | 85.9 | 68.2 |
| -67.5° | 223.0 | 206.4 | 189.9 | 173.0 | 158.2 | 144.4 | 131.3 | 111.9 | 91.8 | 73.9 | 59.2 |
| -70° | 185.9 | 171.8 | 158.8 | 146.3 | 134.3 | 122.8 | 110.4 | 94.0 | 76.7 | 63.2 | 49.9 |
| -72.5° | 150.9 | 140.5 | 129.7 | 119.5 | 110.6 | 100.5 | 89.1 | 76.3 | 64.2 | 52.3 | 40.4 |
| -75° | 118.4 | 111.6 | 104.0 | 95.9 | 87.6 | 78.6 | 71.1 | 62.1 | 51.6 | 41.1 | 32.6 |
| -77.5° | 94.7 | 88.1 | 80.5 | 74.0 | 68.5 | 62.3 | 55.5 | 47.7 | 39.3 | 32.0 | 25.2 |
| -80° | 69.9 | 64.8 | 60.5 | 56.8 | 51.6 | 46.0 | 40.4 | 34.7 | 28.6 | 22.9 | 17.7 |
| -82.5° | 42.6 | 41.5 | 40.3 | 38.6 | 34.3 | 30.2 | 26.1 | 22.0 | 17.7 | 13.7 | 11.4 |
| -85° | 21.3 | 20.9 | 20.2 | 19.3 | 16.7 | 14.2 | 13.0 | 11.8 | 10.3 | 8.9 | 7.6 |
| -87.5° | 7.0 | 7.5 | 8.0 | 8.3 | 7.7 | 7.1 | 6.5 | 5.9 | 5.2 | 4.5 | 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 |

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

Scaled Data Report



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 |
| 85° | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 |
| 82.5° | 0.7 | 0.6 | 0.5 | 0.4 | 0.2 | 0.2 | 0.0 |
| 80° | 0.9 | 0.8 | 0.6 | 0.5 | 0.3 | 0.2 | 0.0 |
| 77.5° | 0.9 | 0.9 | 0.8 | 0.6 | 0.4 | 0.3 | 0.0 |
| 75° | 0.9 | 0.9 | 0.9 | 0.7 | 0.5 | 0.3 | 0.0 |
| 72.5° | 0.9 | 1.0 | 1.0 | 0.8 | 0.6 | 0.3 | 0.0 |
| 70° | 1.0 | 1.0 | 1.0 | 0.9 | 0.6 | 0.4 | 0.0 |
| 67.5° | 1.1 | 1.1 | 1.1 | 1.0 | 0.7 | 0.4 | 0.0 |
| 65° | 1.2 | 1.2 | 1.1 | 1.0 | 0.8 | 0.5 | 0.0 |
| 62.5° | 1.4 | 1.5 | 1.2 | 1.1 | 0.9 | 0.5 | 0.0 |
| 60° | 1.7 | 1.8 | 1.2 | 1.1 | 1.0 | 0.6 | 0.0 |
| 57.5° | 3.1 | 2.2 | 1.6 | 1.2 | 1.0 | 0.6 | 0.0 |
| 55° | 4.9 | 2.6 | 1.9 | 1.2 | 1.1 | 0.7 | 0.0 |
| 52.5° | 7.0 | 3.3 | 2.3 | 1.3 | 1.1 | 0.7 | 0.0 |
| 50° | 9.5 | 5.6 | 2.7 | 1.3 | 1.2 | 0.8 | 0.0 |
| 47.5° | 12.8 | 8.1 | 3.2 | 1.5 | 1.2 | 0.8 | 0.0 |
| 45° | 19.3 | 10.8 | 3.6 | 1.8 | 1.3 | 0.9 | 0.0 |
| 42.5° | 25.9 | 13.6 | 4.1 | 2.1 | 1.4 | 0.9 | 0.0 |
| 40° | 32.8 | 16.6 | 5.5 | 2.6 | 1.4 | 0.9 | 0.0 |
| 37.5° | 39.7 | 19.7 | 7.8 | 3.1 | 1.5 | 1.0 | 0.0 |
| 35° | 46.8 | 24.5 | 10.2 | 3.7 | 1.5 | 1.0 | 0.0 |
| 32.5° | 54.4 | 30.1 | 12.6 | 4.4 | 1.6 | 1.1 | 0.0 |
| 30° | 63.2 | 35.6 | 15.1 | 5.1 | 1.7 | 1.1 | 0.0 |
| 27.5° | 71.7 | 41.1 | 18.1 | 5.9 | 1.7 | 1.1 | 0.0 |
| 25° | 80.1 | 46.4 | 21.1 | 6.7 | 1.8 | 1.2 | 0.0 |
| 22.5° | 88.2 | 51.9 | 24.2 | 7.5 | 1.8 | 1.2 | 0.0 |
| 20° | 96.0 | 57.8 | 27.3 | 8.3 | 1.9 | 1.2 | 0.0 |
| 17.5° | 103.8 | 63.5 | 30.3 | 9.2 | 2.0 | 1.3 | 0.0 |
| 15° | 111.2 | 68.9 | 33.2 | 10.1 | 2.0 | 1.3 | 0.0 |
| 12.5° | 118.2 | 74.1 | 36.0 | 11.0 | 2.1 | 1.3 | 0.0 |
| 10° | 124.7 | 79.0 | 38.7 | 11.8 | 2.1 | 1.3 | 0.0 |
| 7.5° | 130.6 | 83.6 | 41.3 | 12.7 | 2.2 | 1.4 | 0.0 |
| 5° | 136.0 | 87.8 | 43.7 | 13.5 | 2.2 | 1.4 | 0.0 |
| 2.5° | 140.8 | 91.7 | 45.8 | 14.2 | 2.3 | 1.4 | 0.0 |
| 0° | 145.1 | 95.1 | 47.8 | 14.9 | 2.3 | 1.4 | 0.0 |
| -2.5° | 147.2 | 97.3 | 49.6 | 15.9 | 2.7 | 1.5 | 0.0 |
| -5° | 148.8 | 99.0 | 51.2 | 16.8 | 3.0 | 1.6 | 0.0 |
| -7.5° | 149.8 | 100.2 | 52.4 | 17.6 | 3.3 | 1.6 | 0.0 |
| -10° | 150.3 | 101.0 | 53.4 | 18.2 | 3.7 | 1.7 | 0.0 |
| -12.5° | 150.2 | 101.3 | 54.0 | 18.8 | 4.0 | 1.7 | 0.0 |
| -15° | 149.6 | 101.2 | 54.3 | 19.3 | 4.3 | 1.8 | 0.0 |
| -17.5° | 148.5 | 100.6 | 54.3 | 19.6 | 4.5 | 1.9 | 0.0 |
| -20° | 146.8 | 99.5 | 53.9 | 19.8 | 4.8 | 1.9 | 0.0 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P645339 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 144.3 | 98.0 | 53.1 | 19.9 | 5.0 | 1.9 | 0.0 |
| -25° | 141.3 | 95.6 | 52.0 | 19.8 | 5.2 | 2.0 | 0.0 |
| -27.5° | 137.7 | 92.7 | 50.5 | 19.5 | 5.4 | 2.0 | 0.0 |
| -30° | 133.6 | 89.4 | 48.6 | 19.1 | 5.5 | 2.0 | 0.0 |
| -32.5° | 128.8 | 85.6 | 46.4 | 18.6 | 5.6 | 2.0 | 0.0 |
| -35° | 123.7 | 81.5 | 43.9 | 17.9 | 5.7 | 2.0 | 0.0 |
| -37.5° | 118.3 | 77.4 | 41.2 | 17.0 | 5.7 | 2.0 | 0.0 |
| -40° | 112.4 | 73.6 | 38.3 | 15.9 | 5.7 | 2.0 | 0.0 |
| -42.5° | 106.1 | 69.6 | 36.0 | 14.8 | 5.7 | 1.9 | 0.0 |
| -45° | 99.4 | 65.3 | 34.5 | 13.6 | 5.6 | 1.9 | 0.0 |
| -47.5° | 92.3 | 60.8 | 32.7 | 12.3 | 5.5 | 1.8 | 0.0 |
| -50° | 86.4 | 56.0 | 30.6 | 11.9 | 5.4 | 1.8 | 0.0 |
| -52.5° | 80.4 | 51.0 | 28.3 | 11.6 | 5.2 | 1.7 | 0.0 |
| -55° | 74.3 | 47.2 | 25.7 | 11.3 | 5.0 | 1.6 | 0.0 |
| -57.5° | 67.9 | 43.4 | 22.9 | 10.8 | 4.8 | 1.6 | 0.0 |
| -60° | 61.4 | 39.2 | 19.9 | 10.2 | 4.5 | 1.5 | 0.0 |
| -62.5° | 55.5 | 34.7 | 18.5 | 9.5 | 4.2 | 1.4 | 0.0 |
| -65° | 49.1 | 29.8 | 16.9 | 8.6 | 3.9 | 1.3 | 0.0 |
| -67.5° | 42.4 | 25.8 | 15.1 | 7.7 | 3.6 | 1.2 | 0.0 |
| -70° | 35.2 | 22.6 | 13.1 | 6.7 | 3.3 | 1.1 | 0.0 |
| -72.5° | 29.8 | 19.1 | 11.0 | 5.9 | 2.9 | 0.9 | 0.0 |
| -75° | 24.4 | 15.4 | 8.8 | 5.1 | 2.5 | 0.8 | 0.0 |
| -77.5° | 18.7 | 11.6 | 7.3 | 4.3 | 2.1 | 0.7 | 0.0 |
| -80° | 12.8 | 8.8 | 5.9 | 3.5 | 1.7 | 0.6 | 0.0 |
| -82.5° | 9.4 | 6.7 | 4.4 | 2.6 | 1.3 | 0.4 | 0.0 |
| -85° | 6.3 | 4.5 | 3.0 | 1.8 | 0.9 | 0.3 | 0.0 |
| -87.5° | 3.2 | 2.2 | 1.5 | 0.9 | 0.4 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)