

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-735-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N47
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

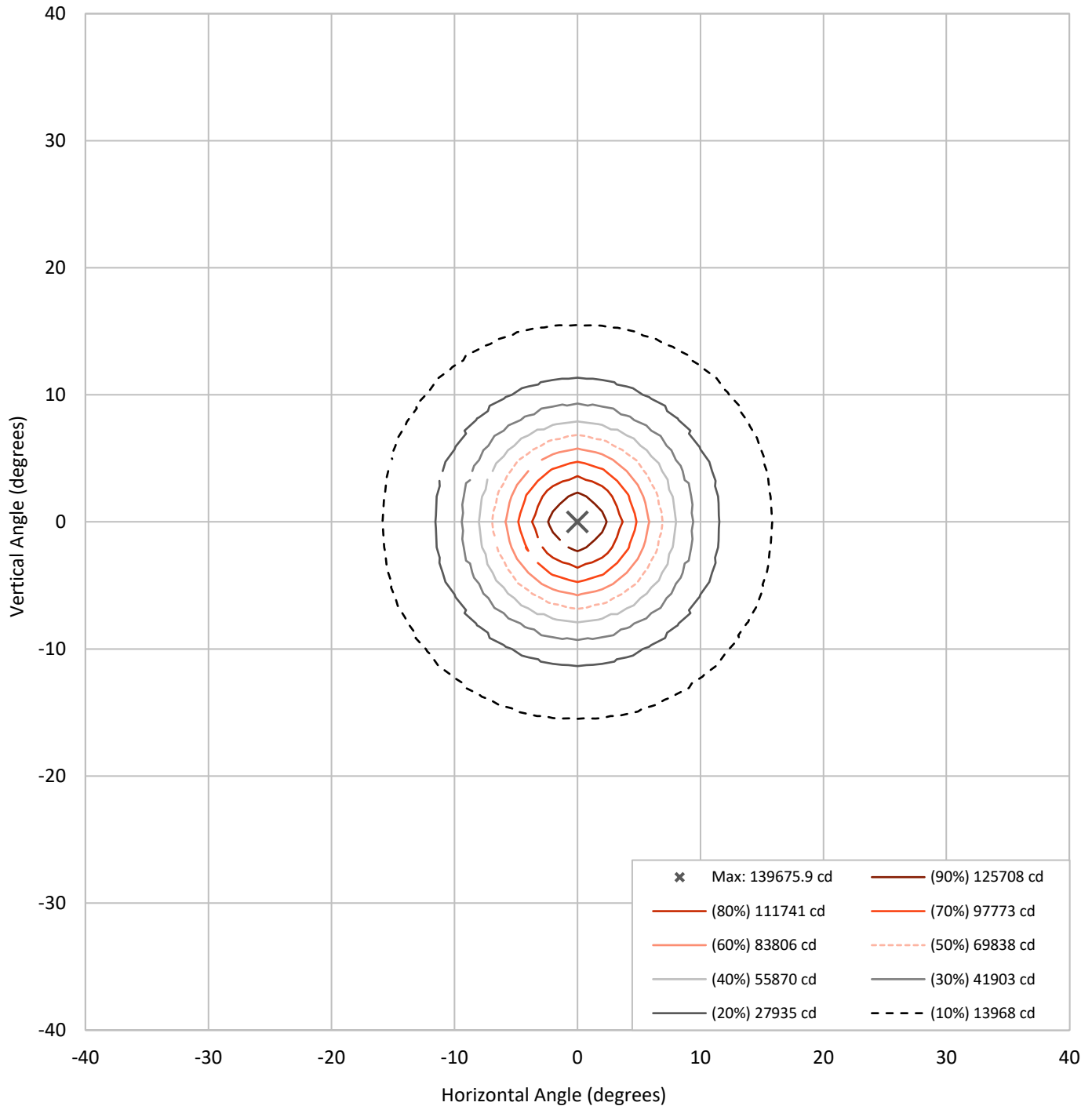
Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 14831.6 lumens | Max Intensity: | 139675.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 136.4 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 13.7°H x 13.6°V | Field Angle (10%): | 31.6°H x 30.6°V |
| Beam Lumens: | 4385 lumens | Field Lumens: | 9868.1 lumens |
| Beam Efficiency: | 29.6% | Field Efficiency: | 66.5% |
| Input Watts (W): | 108.7 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

Iso-Candela Plot





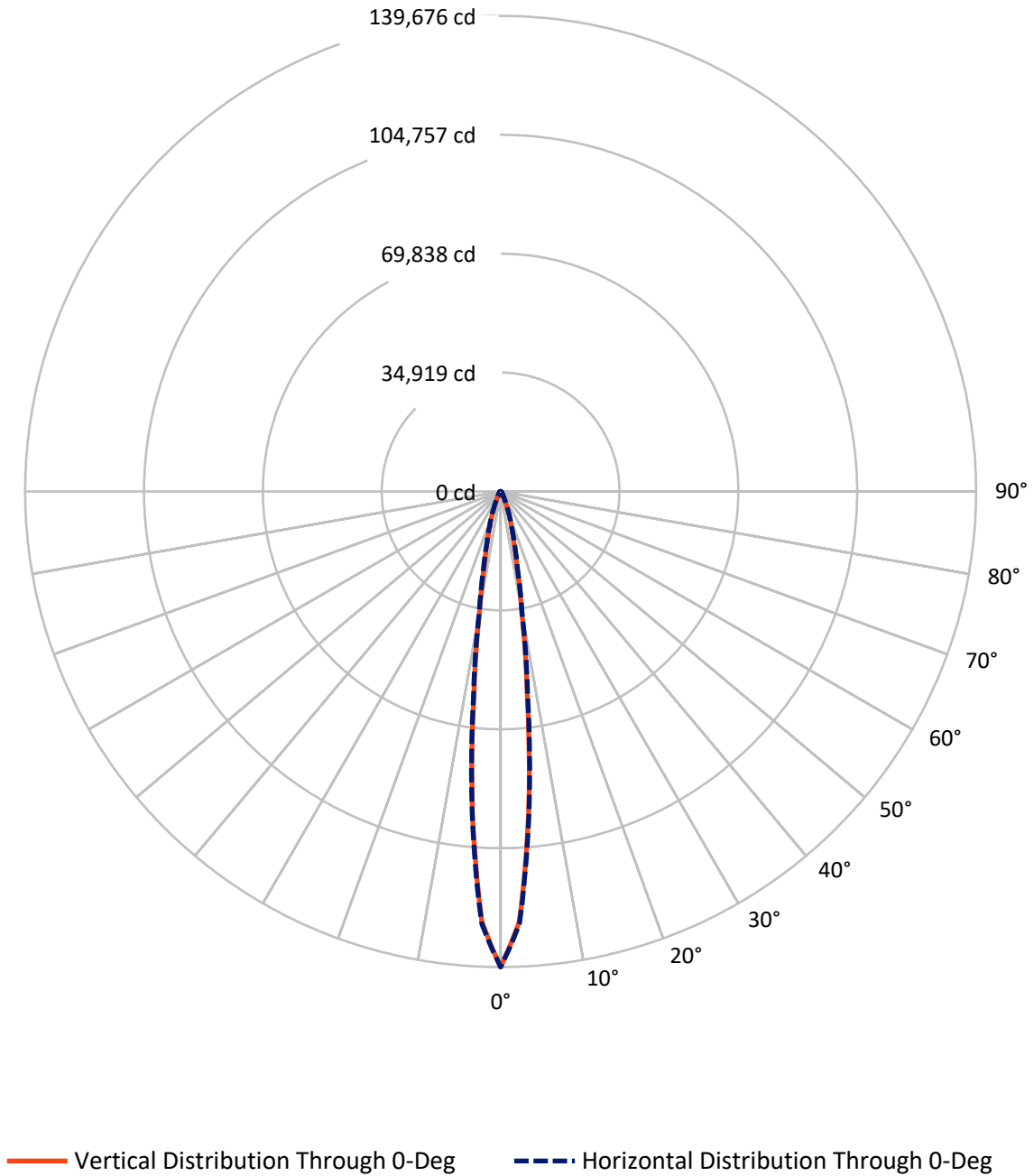
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.3 | 2.0 | | 5.3 | | 8.6 | | 9.4 | | 8.6 | | 5.3 | | 2.0 | | 0.3 | | | |
| 80 | 0.3 | 2.0 | | 5.3 | | 8.6 | | 9.4 | | 8.6 | | 5.3 | | 2.0 | | 0.3 | | | |
| 70 | 0.9 | 1.0 | 2.1 | 3.5 | 5.0 | 6.1 | 6.8 | 7.2 | 7.2 | 6.8 | 6.1 | 5.0 | 3.5 | 2.1 | 1.0 | 0.9 | | | |
| 60 | | 1.6 | 3.2 | 5.2 | 7.0 | 8.6 | 9.6 | 10.0 | 10.0 | 9.6 | 8.6 | 7.0 | 5.2 | 3.2 | 1.6 | | | | |
| 50 | 1.6 | 2.1 | 4.2 | 6.4 | 8.6 | 10.8 | 12.7 | 13.7 | 13.7 | 12.7 | 10.8 | 8.6 | 6.4 | 4.2 | 2.1 | 1.6 | | | |
| 40 | | 2.5 | 4.9 | 7.4 | 10.5 | 15.2 | 21.4 | 26.5 | 26.5 | 21.4 | 15.2 | 10.5 | 7.4 | 4.9 | 2.5 | | | | |
| 30 | 2.1 | 2.8 | 5.4 | 8.4 | 13.7 | 27.1 | 61.7 | 102.1 | 102.1 | 61.7 | 27.1 | 13.7 | 8.4 | 5.4 | 2.8 | 2.1 | | | |
| 20 | | 3.0 | 5.6 | 9.2 | 18.1 | 57.5 | 204.3 | 440.1 | 440.1 | 204.3 | 57.5 | 18.1 | 9.2 | 5.6 | 3.0 | | | | |
| 10 | 2.3 | 3.1 | 5.8 | 9.8 | 21.9 | 94.8 | 444.2 | 1918.8 | 1918.8 | 444.2 | 94.8 | 21.9 | 9.8 | 5.8 | 3.1 | 2.3 | | | |
| 0 | | 3.1 | 5.8 | 9.8 | 21.9 | 94.8 | 444.2 | 1918.8 | 1918.8 | 444.2 | 94.8 | 21.9 | 9.8 | 5.8 | 3.1 | | | | |
| -10 | 2.1 | 3.0 | 5.6 | 9.2 | 18.1 | 57.5 | 204.3 | 440.1 | 440.1 | 204.3 | 57.5 | 18.1 | 9.2 | 5.6 | 3.0 | 2.1 | | | |
| -20 | | 2.8 | 5.4 | 8.4 | 13.7 | 27.1 | 61.7 | 102.1 | 102.1 | 61.7 | 27.1 | 13.7 | 8.4 | 5.4 | 2.8 | | | | |
| -30 | 1.6 | 2.5 | 4.9 | 7.4 | 10.5 | 15.2 | 21.4 | 26.5 | 26.5 | 21.4 | 15.2 | 10.5 | 7.4 | 4.9 | 2.5 | 1.6 | | | |
| -40 | | 2.1 | 4.2 | 6.4 | 8.6 | 10.8 | 12.7 | 13.7 | 13.7 | 12.7 | 10.8 | 8.6 | 6.4 | 4.2 | 2.1 | | | | |
| -50 | 0.9 | 1.6 | 3.2 | 5.2 | 7.0 | 8.6 | 9.6 | 10.0 | 10.0 | 9.6 | 8.6 | 7.0 | 5.2 | 3.2 | 1.6 | 0.9 | | | |
| -60 | | 1.0 | 2.1 | 3.5 | 5.0 | 6.1 | 6.8 | 7.2 | 7.2 | 6.8 | 6.1 | 5.0 | 3.5 | 2.1 | 1.0 | | | | |
| -70 | 0.3 | 2.0 | | 5.3 | | 8.6 | | 9.4 | | 8.6 | | 5.3 | | 2.0 | | 0.3 | | | |
| -80 | | 2.0 | | 5.3 | | 8.6 | | 9.4 | | 8.6 | | 5.3 | | 2.0 | | | | | |
| -90 | 0.3 | 2.0 | | 5.3 | | 8.6 | | 9.4 | | 8.6 | | 5.3 | | 2.0 | | 0.3 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

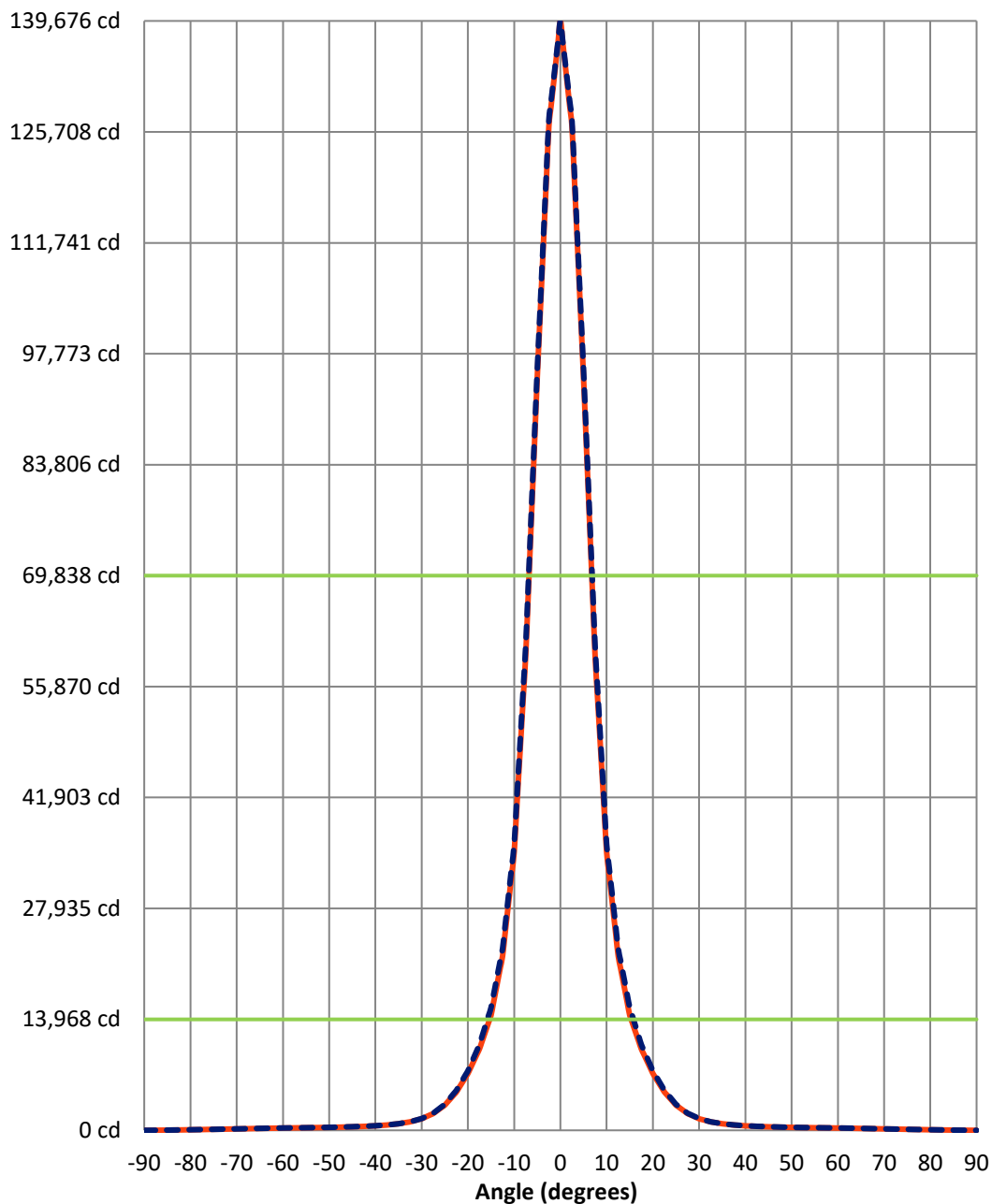
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CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4385
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 9868.1
 Efficiency: 66.5%

Spill:
 Lumens: 4963.4
 Efficiency: 33.5%

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

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Scaled Data Report



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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 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 | 0.5 | 1.0 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 5.1 |
| 85° | 0.0 | 0.9 | 2.1 | 3.1 | 4.2 | 5.2 | 6.2 | 7.2 | 8.2 | 9.2 | 10.1 |
| 82.5° | 0.0 | 1.4 | 3.1 | 4.7 | 6.2 | 7.8 | 9.3 | 10.8 | 12.4 | 14.6 | 16.7 |
| 80° | 0.0 | 1.8 | 4.1 | 6.2 | 8.3 | 10.3 | 12.5 | 15.5 | 18.5 | 21.4 | 24.2 |
| 77.5° | 0.0 | 2.3 | 5.2 | 7.8 | 10.3 | 13.3 | 17.1 | 20.8 | 24.5 | 28.1 | 32.0 |
| 75° | 0.0 | 2.7 | 6.2 | 9.3 | 12.5 | 16.8 | 21.5 | 26.1 | 30.6 | 35.6 | 40.6 |
| 72.5° | 0.0 | 3.1 | 7.1 | 10.8 | 15.2 | 20.4 | 25.9 | 31.5 | 37.5 | 43.4 | 49.2 |
| 70° | 0.0 | 3.6 | 8.1 | 12.4 | 17.9 | 23.8 | 30.3 | 37.5 | 44.3 | 51.1 | 58.7 |
| 67.5° | 0.0 | 4.0 | 9.0 | 14.2 | 20.5 | 27.2 | 35.3 | 43.4 | 51.1 | 59.7 | 68.2 |
| 65° | 0.0 | 4.4 | 9.9 | 16.1 | 23.0 | 30.9 | 40.2 | 49.2 | 58.7 | 68.2 | 78.2 |
| 62.5° | 0.0 | 4.8 | 10.8 | 17.9 | 25.5 | 34.9 | 45.1 | 55.5 | 66.1 | 76.8 | 89.4 |
| 60° | 0.0 | 5.1 | 11.6 | 19.6 | 27.9 | 38.8 | 49.8 | 61.9 | 73.3 | 86.5 | 100.3 |
| 57.5° | 0.0 | 5.5 | 12.7 | 21.3 | 30.9 | 42.7 | 54.9 | 68.1 | 81.3 | 95.8 | 110.9 |
| 55° | 0.0 | 5.9 | 13.7 | 22.9 | 33.9 | 46.4 | 60.0 | 74.0 | 89.2 | 104.8 | 121.1 |
| 52.5° | 0.0 | 6.2 | 14.7 | 24.5 | 36.8 | 50.1 | 65.0 | 80.4 | 96.8 | 113.5 | 130.8 |
| 50° | 0.0 | 6.5 | 15.7 | 26.0 | 39.5 | 54.0 | 69.7 | 86.7 | 104.0 | 121.8 | 140.2 |
| 47.5° | 0.0 | 6.8 | 16.7 | 27.6 | 42.2 | 57.9 | 74.4 | 92.8 | 111.0 | 129.7 | 149.3 |
| 45° | 0.0 | 7.1 | 17.6 | 29.5 | 44.8 | 61.5 | 79.4 | 98.6 | 117.7 | 137.8 | 158.3 |
| 42.5° | 0.0 | 7.4 | 18.5 | 31.3 | 47.2 | 65.0 | 84.2 | 104.2 | 124.1 | 145.6 | 167.0 |
| 40° | 0.0 | 7.6 | 19.4 | 33.1 | 49.7 | 68.4 | 88.7 | 109.5 | 130.4 | 153.1 | 175.4 |
| 37.5° | 0.0 | 7.9 | 20.2 | 34.8 | 52.2 | 71.5 | 93.0 | 114.5 | 136.6 | 160.2 | 183.6 |
| 35° | 0.0 | 8.1 | 21.0 | 36.5 | 54.6 | 74.8 | 97.1 | 119.3 | 142.4 | 166.8 | 191.5 |
| 32.5° | 0.0 | 8.3 | 21.8 | 38.0 | 56.8 | 77.9 | 100.9 | 123.8 | 147.8 | 173.0 | 198.4 |
| 30° | 0.0 | 8.4 | 22.5 | 39.4 | 58.9 | 80.9 | 104.4 | 128.0 | 152.7 | 178.8 | 204.7 |
| 27.5° | 0.0 | 8.6 | 23.2 | 40.7 | 60.9 | 83.6 | 107.7 | 131.9 | 157.2 | 184.1 | 210.3 |
| 25° | 0.0 | 8.7 | 23.8 | 42.0 | 62.8 | 86.1 | 110.7 | 135.5 | 161.5 | 188.8 | 215.3 |
| 22.5° | 0.0 | 8.8 | 24.3 | 43.1 | 64.5 | 88.3 | 113.4 | 138.7 | 165.4 | 192.9 | 219.6 |
| 20° | 0.0 | 8.9 | 24.9 | 44.1 | 66.0 | 90.3 | 115.8 | 141.5 | 168.8 | 196.4 | 223.5 |
| 17.5° | 0.0 | 9.0 | 25.3 | 45.0 | 67.3 | 91.9 | 117.8 | 143.8 | 171.7 | 199.3 | 226.9 |
| 15° | 0.0 | 9.1 | 25.7 | 45.7 | 68.5 | 93.3 | 119.5 | 145.9 | 174.2 | 201.7 | 229.9 |
| 12.5° | 0.0 | 9.1 | 26.1 | 46.4 | 69.5 | 94.4 | 120.8 | 147.9 | 176.4 | 203.5 | 232.4 |
| 10° | 0.0 | 9.1 | 26.4 | 46.9 | 70.3 | 95.2 | 121.8 | 149.5 | 178.0 | 205.5 | 234.7 |
| 7.5° | 0.0 | 9.1 | 26.6 | 47.4 | 71.0 | 95.7 | 122.5 | 150.8 | 179.1 | 207.2 | 237.5 |
| 5° | 0.0 | 9.1 | 26.8 | 47.7 | 71.4 | 96.0 | 122.9 | 151.8 | 179.8 | 208.5 | 239.7 |
| 2.5° | 0.0 | 9.1 | 26.9 | 47.8 | 71.7 | 96.0 | 122.9 | 152.4 | 179.9 | 209.2 | 241.4 |
| 0° | 0.0 | 9.0 | 26.9 | 47.9 | 71.8 | 95.8 | 122.7 | 152.6 | 179.6 | 209.5 | 242.4 |
| -2.5° | 0.0 | 9.1 | 26.9 | 47.8 | 71.7 | 96.0 | 122.9 | 152.4 | 179.9 | 209.2 | 241.4 |
| -5° | 0.0 | 9.1 | 26.8 | 47.7 | 71.4 | 96.0 | 122.9 | 151.8 | 179.8 | 208.5 | 239.7 |
| -7.5° | 0.0 | 9.1 | 26.6 | 47.4 | 71.0 | 95.7 | 122.5 | 150.8 | 179.1 | 207.2 | 237.5 |
| -10° | 0.0 | 9.1 | 26.4 | 46.9 | 70.3 | 95.2 | 121.8 | 149.5 | 178.0 | 205.5 | 234.7 |
| -12.5° | 0.0 | 9.1 | 26.1 | 46.4 | 69.5 | 94.4 | 120.8 | 147.9 | 176.4 | 203.5 | 232.4 |
| -15° | 0.0 | 9.1 | 25.7 | 45.7 | 68.5 | 93.3 | 119.5 | 145.9 | 174.2 | 201.7 | 229.9 |
| -17.5° | 0.0 | 9.0 | 25.3 | 45.0 | 67.3 | 91.9 | 117.8 | 143.8 | 171.7 | 199.3 | 226.9 |
| -20° | 0.0 | 8.9 | 24.9 | 44.1 | 66.0 | 90.3 | 115.8 | 141.5 | 168.8 | 196.4 | 223.5 |

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Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 8.8 | 24.3 | 43.1 | 64.5 | 88.3 | 113.4 | 138.7 | 165.4 | 192.9 | 219.6 |
| -25° | 0.0 | 8.7 | 23.8 | 42.0 | 62.8 | 86.1 | 110.7 | 135.5 | 161.5 | 188.8 | 215.3 |
| -27.5° | 0.0 | 8.6 | 23.2 | 40.7 | 60.9 | 83.6 | 107.7 | 131.9 | 157.2 | 184.1 | 210.3 |
| -30° | 0.0 | 8.4 | 22.5 | 39.4 | 58.9 | 80.9 | 104.4 | 128.0 | 152.7 | 178.8 | 204.7 |
| -32.5° | 0.0 | 8.3 | 21.8 | 38.0 | 56.8 | 77.9 | 100.9 | 123.8 | 147.8 | 173.0 | 198.4 |
| -35° | 0.0 | 8.1 | 21.0 | 36.5 | 54.6 | 74.8 | 97.1 | 119.3 | 142.4 | 166.8 | 191.5 |
| -37.5° | 0.0 | 7.9 | 20.2 | 34.8 | 52.2 | 71.5 | 93.0 | 114.5 | 136.6 | 160.2 | 183.6 |
| -40° | 0.0 | 7.6 | 19.4 | 33.1 | 49.7 | 68.4 | 88.7 | 109.5 | 130.4 | 153.1 | 175.4 |
| -42.5° | 0.0 | 7.4 | 18.5 | 31.3 | 47.2 | 65.0 | 84.2 | 104.2 | 124.1 | 145.6 | 167.0 |
| -45° | 0.0 | 7.1 | 17.6 | 29.5 | 44.8 | 61.5 | 79.4 | 98.6 | 117.7 | 137.8 | 158.3 |
| -47.5° | 0.0 | 6.8 | 16.7 | 27.6 | 42.2 | 57.9 | 74.4 | 92.8 | 111.0 | 129.7 | 149.3 |
| -50° | 0.0 | 6.5 | 15.7 | 26.0 | 39.5 | 54.0 | 69.7 | 86.7 | 104.0 | 121.8 | 140.2 |
| -52.5° | 0.0 | 6.2 | 14.7 | 24.5 | 36.8 | 50.1 | 65.0 | 80.4 | 96.8 | 113.5 | 130.8 |
| -55° | 0.0 | 5.9 | 13.7 | 22.9 | 33.9 | 46.4 | 60.0 | 74.0 | 89.2 | 104.8 | 121.1 |
| -57.5° | 0.0 | 5.5 | 12.7 | 21.3 | 30.9 | 42.7 | 54.9 | 68.1 | 81.3 | 95.8 | 110.9 |
| -60° | 0.0 | 5.1 | 11.6 | 19.6 | 27.9 | 38.8 | 49.8 | 61.9 | 73.3 | 86.5 | 100.3 |
| -62.5° | 0.0 | 4.8 | 10.8 | 17.9 | 25.5 | 34.9 | 45.1 | 55.5 | 66.1 | 76.8 | 89.4 |
| -65° | 0.0 | 4.4 | 9.9 | 16.1 | 23.0 | 30.9 | 40.2 | 49.2 | 58.7 | 68.2 | 78.2 |
| -67.5° | 0.0 | 4.0 | 9.0 | 14.2 | 20.5 | 27.2 | 35.3 | 43.4 | 51.1 | 59.7 | 68.2 |
| -70° | 0.0 | 3.6 | 8.1 | 12.4 | 17.9 | 23.8 | 30.3 | 37.5 | 44.3 | 51.1 | 58.7 |
| -72.5° | 0.0 | 3.1 | 7.1 | 10.8 | 15.2 | 20.4 | 25.9 | 31.5 | 37.5 | 43.4 | 49.2 |
| -75° | 0.0 | 2.7 | 6.2 | 9.3 | 12.5 | 16.8 | 21.5 | 26.1 | 30.6 | 35.6 | 40.6 |
| -77.5° | 0.0 | 2.3 | 5.2 | 7.8 | 10.3 | 13.3 | 17.1 | 20.8 | 24.5 | 28.1 | 32.0 |
| -80° | 0.0 | 1.8 | 4.1 | 6.2 | 8.3 | 10.3 | 12.5 | 15.5 | 18.5 | 21.4 | 24.2 |
| -82.5° | 0.0 | 1.4 | 3.1 | 4.7 | 6.2 | 7.8 | 9.3 | 10.8 | 12.4 | 14.6 | 16.7 |
| -85° | 0.0 | 0.9 | 2.1 | 3.1 | 4.2 | 5.2 | 6.2 | 7.2 | 8.2 | 9.2 | 10.1 |
| -87.5° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 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 |



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CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.5 | 6.0 | 6.4 | 6.9 | 7.3 | 7.7 | 8.1 | 8.5 | 8.8 | 9.2 | 9.5 |
| 85° | 11.1 | 12.0 | 13.3 | 14.6 | 15.7 | 16.7 | 17.5 | 18.2 | 19.4 | 20.7 | 22.0 |
| 82.5° | 18.8 | 20.9 | 22.9 | 24.8 | 26.2 | 27.2 | 28.3 | 29.8 | 32.4 | 35.0 | 37.3 |
| 80° | 27.0 | 29.8 | 32.9 | 35.9 | 38.5 | 41.1 | 43.8 | 46.6 | 49.5 | 52.3 | 54.9 |
| 77.5° | 36.1 | 40.1 | 44.0 | 47.8 | 51.6 | 55.7 | 59.6 | 63.4 | 67.0 | 70.4 | 73.7 |
| 75° | 45.6 | 50.4 | 55.6 | 60.8 | 65.9 | 70.8 | 75.6 | 80.7 | 85.6 | 90.2 | 94.7 |
| 72.5° | 55.5 | 61.9 | 68.1 | 74.1 | 80.7 | 87.1 | 93.3 | 99.3 | 105.1 | 111.3 | 117.7 |
| 70° | 66.1 | 73.3 | 81.4 | 89.2 | 96.5 | 104.2 | 111.9 | 118.5 | 124.8 | 133.2 | 141.8 |
| 67.5° | 76.9 | 86.8 | 95.9 | 104.7 | 114.4 | 123.5 | 131.4 | 139.7 | 148.7 | 158.4 | 166.9 |
| 65° | 89.7 | 100.4 | 111.1 | 122.2 | 133.5 | 142.9 | 152.7 | 163.1 | 173.2 | 182.9 | 192.1 |
| 62.5° | 102.4 | 114.5 | 126.7 | 138.8 | 150.4 | 161.7 | 173.5 | 185.1 | 196.2 | 207.5 | 217.4 |
| 60° | 114.6 | 128.3 | 141.3 | 153.9 | 167.0 | 181.0 | 194.1 | 206.9 | 220.3 | 233.0 | 239.7 |
| 57.5° | 126.4 | 141.1 | 154.5 | 168.7 | 184.1 | 200.0 | 213.7 | 228.2 | 239.7 | 248.6 | 257.2 |
| 55° | 137.5 | 152.7 | 167.5 | 183.4 | 200.2 | 216.6 | 231.9 | 244.9 | 255.5 | 263.6 | 272.7 |
| 52.5° | 147.8 | 163.9 | 180.0 | 197.4 | 215.2 | 232.7 | 248.8 | 260.9 | 270.4 | 278.7 | 287.3 |
| 50° | 158.0 | 174.8 | 191.9 | 211.0 | 230.1 | 248.7 | 264.4 | 275.5 | 284.5 | 293.0 | 301.8 |
| 47.5° | 168.0 | 185.7 | 204.1 | 224.4 | 245.1 | 263.1 | 277.9 | 288.1 | 297.2 | 307.2 | 316.8 |
| 45° | 177.8 | 197.0 | 216.5 | 238.3 | 259.0 | 276.4 | 289.0 | 299.2 | 310.4 | 321.2 | 331.5 |
| 42.5° | 187.4 | 208.1 | 229.2 | 251.8 | 271.8 | 287.5 | 299.3 | 311.3 | 323.4 | 334.9 | 346.6 |
| 40° | 197.1 | 218.8 | 241.1 | 263.6 | 283.7 | 297.3 | 309.8 | 322.7 | 336.0 | 348.5 | 361.4 |
| 37.5° | 206.4 | 228.8 | 251.8 | 274.5 | 292.9 | 306.6 | 319.5 | 333.8 | 347.9 | 361.5 | 378.3 |
| 35° | 215.2 | 237.9 | 261.1 | 283.1 | 300.8 | 314.9 | 329.5 | 344.5 | 359.2 | 376.8 | 396.0 |
| 32.5° | 223.1 | 246.1 | 269.6 | 290.1 | 307.4 | 322.7 | 339.0 | 354.7 | 372.3 | 392.3 | 415.4 |
| 30° | 229.7 | 253.2 | 276.8 | 296.9 | 313.8 | 330.0 | 347.6 | 364.9 | 385.6 | 409.6 | 437.1 |
| 27.5° | 235.5 | 259.7 | 282.6 | 302.7 | 319.8 | 336.0 | 354.5 | 376.4 | 400.1 | 427.1 | 459.3 |
| 25° | 241.0 | 266.2 | 288.1 | 308.0 | 324.7 | 341.5 | 361.4 | 385.6 | 414.2 | 446.6 | 486.0 |
| 22.5° | 246.1 | 272.4 | 293.7 | 313.0 | 328.5 | 346.7 | 369.1 | 395.4 | 426.5 | 464.5 | 512.4 |
| 20° | 251.0 | 277.1 | 298.1 | 317.0 | 331.4 | 351.2 | 375.9 | 404.0 | 439.2 | 484.5 | 540.0 |
| 17.5° | 255.5 | 281.1 | 301.5 | 319.3 | 335.1 | 355.9 | 381.8 | 410.9 | 450.3 | 502.8 | 565.4 |
| 15° | 259.6 | 284.5 | 304.3 | 321.2 | 338.4 | 361.0 | 388.0 | 419.6 | 462.6 | 520.1 | 587.9 |
| 12.5° | 263.3 | 287.2 | 306.5 | 322.7 | 341.1 | 365.1 | 393.6 | 428.6 | 475.8 | 537.3 | 616.4 |
| 10° | 266.4 | 289.3 | 307.9 | 323.7 | 343.1 | 368.2 | 398.2 | 435.9 | 486.3 | 550.5 | 638.3 |
| 7.5° | 269.0 | 290.9 | 309.0 | 324.3 | 344.4 | 370.4 | 401.8 | 441.5 | 493.7 | 560.0 | 654.1 |
| 5° | 270.9 | 292.2 | 310.2 | 326.1 | 346.4 | 372.2 | 404.4 | 445.3 | 498.0 | 565.6 | 663.9 |
| 2.5° | 272.0 | 293.0 | 311.0 | 327.9 | 348.6 | 373.6 | 406.3 | 449.5 | 501.6 | 571.0 | 671.5 |
| 0° | 272.3 | 293.3 | 311.2 | 329.2 | 350.1 | 374.1 | 407.0 | 451.9 | 502.8 | 574.6 | 676.3 |
| -2.5° | 272.0 | 293.0 | 311.0 | 327.9 | 348.6 | 373.6 | 406.3 | 449.5 | 501.6 | 571.0 | 671.5 |
| -5° | 270.9 | 292.2 | 310.2 | 326.1 | 346.4 | 372.2 | 404.4 | 445.3 | 498.0 | 565.6 | 663.9 |
| -7.5° | 269.0 | 290.9 | 309.0 | 324.3 | 344.4 | 370.4 | 401.8 | 441.5 | 493.7 | 560.0 | 654.1 |
| -10° | 266.4 | 289.3 | 307.9 | 323.7 | 343.1 | 368.2 | 398.2 | 435.9 | 486.3 | 550.5 | 638.3 |
| -12.5° | 263.3 | 287.2 | 306.5 | 322.7 | 341.1 | 365.1 | 393.6 | 428.6 | 475.8 | 537.3 | 616.4 |
| -15° | 259.6 | 284.5 | 304.3 | 321.2 | 338.4 | 361.0 | 388.0 | 419.6 | 462.6 | 520.1 | 587.9 |
| -17.5° | 255.5 | 281.1 | 301.5 | 319.3 | 335.1 | 355.9 | 381.8 | 410.9 | 450.3 | 502.8 | 565.4 |
| -20° | 251.0 | 277.1 | 298.1 | 317.0 | 331.4 | 351.2 | 375.9 | 404.0 | 439.2 | 484.5 | 540.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 246.1 | 272.4 | 293.7 | 313.0 | 328.5 | 346.7 | 369.1 | 395.4 | 426.5 | 464.5 | 512.4 |
| -25° | 241.0 | 266.2 | 288.1 | 308.0 | 324.7 | 341.5 | 361.4 | 385.6 | 414.2 | 446.6 | 486.0 |
| -27.5° | 235.5 | 259.7 | 282.6 | 302.7 | 319.8 | 336.0 | 354.5 | 376.4 | 400.1 | 427.1 | 459.3 |
| -30° | 229.7 | 253.2 | 276.8 | 296.9 | 313.8 | 330.0 | 347.6 | 364.9 | 385.6 | 409.6 | 437.1 |
| -32.5° | 223.1 | 246.1 | 269.6 | 290.1 | 307.4 | 322.7 | 339.0 | 354.7 | 372.3 | 392.3 | 415.4 |
| -35° | 215.2 | 237.9 | 261.1 | 283.1 | 300.8 | 314.9 | 329.5 | 344.5 | 359.2 | 376.8 | 396.0 |
| -37.5° | 206.4 | 228.8 | 251.8 | 274.5 | 292.9 | 306.6 | 319.5 | 333.8 | 347.9 | 361.5 | 378.3 |
| -40° | 197.1 | 218.8 | 241.1 | 263.6 | 283.7 | 297.3 | 309.8 | 322.7 | 336.0 | 348.5 | 361.4 |
| -42.5° | 187.4 | 208.1 | 229.2 | 251.8 | 271.8 | 287.5 | 299.3 | 311.3 | 323.4 | 334.9 | 346.6 |
| -45° | 177.8 | 197.0 | 216.5 | 238.3 | 259.0 | 276.4 | 289.0 | 299.2 | 310.4 | 321.2 | 331.5 |
| -47.5° | 168.0 | 185.7 | 204.1 | 224.4 | 245.1 | 263.1 | 277.9 | 288.1 | 297.2 | 307.2 | 316.8 |
| -50° | 158.0 | 174.8 | 191.9 | 211.0 | 230.1 | 248.7 | 264.4 | 275.5 | 284.5 | 293.0 | 301.8 |
| -52.5° | 147.8 | 163.9 | 180.0 | 197.4 | 215.2 | 232.7 | 248.8 | 260.9 | 270.4 | 278.7 | 287.3 |
| -55° | 137.5 | 152.7 | 167.5 | 183.4 | 200.2 | 216.6 | 231.9 | 244.9 | 255.5 | 263.6 | 272.7 |
| -57.5° | 126.4 | 141.1 | 154.5 | 168.7 | 184.1 | 200.0 | 213.7 | 228.2 | 239.7 | 248.6 | 257.2 |
| -60° | 114.6 | 128.3 | 141.3 | 153.9 | 167.0 | 181.0 | 194.1 | 206.9 | 220.3 | 233.0 | 239.7 |
| -62.5° | 102.4 | 114.5 | 126.7 | 138.8 | 150.4 | 161.7 | 173.5 | 185.1 | 196.2 | 207.5 | 217.4 |
| -65° | 89.7 | 100.4 | 111.1 | 122.2 | 133.5 | 142.9 | 152.7 | 163.1 | 173.2 | 182.9 | 192.1 |
| -67.5° | 76.9 | 86.8 | 95.9 | 104.7 | 114.4 | 123.5 | 131.4 | 139.7 | 148.7 | 158.4 | 166.9 |
| -70° | 66.1 | 73.3 | 81.4 | 89.2 | 96.5 | 104.2 | 111.9 | 118.5 | 124.8 | 133.2 | 141.8 |
| -72.5° | 55.5 | 61.9 | 68.1 | 74.1 | 80.7 | 87.1 | 93.3 | 99.3 | 105.1 | 111.3 | 117.7 |
| -75° | 45.6 | 50.4 | 55.6 | 60.8 | 65.9 | 70.8 | 75.6 | 80.7 | 85.6 | 90.2 | 94.7 |
| -77.5° | 36.1 | 40.1 | 44.0 | 47.8 | 51.6 | 55.7 | 59.6 | 63.4 | 67.0 | 70.4 | 73.7 |
| -80° | 27.0 | 29.8 | 32.9 | 35.9 | 38.5 | 41.1 | 43.8 | 46.6 | 49.5 | 52.3 | 54.9 |
| -82.5° | 18.8 | 20.9 | 22.9 | 24.8 | 26.2 | 27.2 | 28.3 | 29.8 | 32.4 | 35.0 | 37.3 |
| -85° | 11.1 | 12.0 | 13.3 | 14.6 | 15.7 | 16.7 | 17.5 | 18.2 | 19.4 | 20.7 | 22.0 |
| -87.5° | 5.5 | 6.0 | 6.4 | 6.9 | 7.3 | 7.7 | 8.1 | 8.5 | 8.8 | 9.2 | 9.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-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° | 9.8 | 10.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.3 | 11.4 | 11.6 | 11.0 | 10.3 |
| 85° | 23.4 | 24.3 | 25.1 | 25.8 | 26.5 | 27.2 | 27.7 | 28.2 | 28.7 | 28.3 | 27.9 |
| 82.5° | 39.4 | 41.0 | 42.4 | 43.7 | 45.0 | 46.1 | 47.1 | 48.0 | 48.7 | 48.7 | 48.5 |
| 80° | 57.4 | 59.9 | 62.5 | 65.1 | 67.6 | 69.1 | 70.2 | 71.0 | 71.6 | 71.8 | 71.9 |
| 77.5° | 77.1 | 81.1 | 85.2 | 89.3 | 93.3 | 95.6 | 97.2 | 98.5 | 99.6 | 99.9 | 99.7 |
| 75° | 98.9 | 104.0 | 109.7 | 114.7 | 119.0 | 121.6 | 123.4 | 125.0 | 126.2 | 126.5 | 126.4 |
| 72.5° | 124.4 | 130.7 | 135.8 | 140.0 | 143.6 | 146.4 | 148.7 | 150.6 | 152.2 | 152.8 | 152.9 |
| 70° | 149.4 | 155.6 | 160.4 | 164.7 | 168.2 | 171.1 | 173.9 | 176.2 | 178.1 | 179.6 | 180.6 |
| 67.5° | 174.7 | 181.8 | 186.8 | 190.6 | 193.6 | 196.7 | 200.4 | 203.5 | 206.2 | 208.0 | 208.8 |
| 65° | 200.7 | 208.1 | 212.8 | 217.0 | 220.8 | 224.7 | 228.7 | 231.7 | 233.6 | 234.9 | 235.6 |
| 62.5° | 225.9 | 232.7 | 238.8 | 244.3 | 249.7 | 254.1 | 256.9 | 259.4 | 261.5 | 263.3 | 264.6 |
| 60° | 247.5 | 256.3 | 263.0 | 268.3 | 273.6 | 278.6 | 282.0 | 284.7 | 286.9 | 288.4 | 289.4 |
| 57.5° | 266.0 | 274.9 | 282.8 | 288.0 | 293.7 | 299.7 | 303.7 | 306.0 | 308.0 | 309.8 | 310.7 |
| 55° | 282.1 | 290.4 | 297.7 | 304.8 | 311.1 | 316.5 | 320.7 | 323.8 | 326.4 | 328.4 | 329.1 |
| 52.5° | 296.7 | 305.6 | 314.2 | 321.7 | 327.9 | 333.1 | 337.3 | 341.1 | 344.0 | 346.0 | 346.9 |
| 50° | 311.9 | 321.5 | 330.7 | 339.0 | 345.4 | 351.2 | 356.4 | 360.9 | 365.2 | 368.6 | 371.0 |
| 47.5° | 326.9 | 337.2 | 347.3 | 356.4 | 364.0 | 372.5 | 380.0 | 386.4 | 392.7 | 397.8 | 401.3 |
| 45° | 342.1 | 353.9 | 364.9 | 376.6 | 387.0 | 398.0 | 408.3 | 417.2 | 426.3 | 433.1 | 437.8 |
| 42.5° | 358.8 | 372.3 | 385.6 | 400.1 | 414.3 | 428.7 | 444.3 | 458.2 | 468.9 | 478.9 | 487.0 |
| 40° | 376.8 | 392.3 | 409.6 | 427.4 | 448.3 | 467.3 | 488.2 | 506.2 | 522.3 | 539.5 | 553.2 |
| 37.5° | 396.0 | 415.4 | 438.1 | 461.9 | 489.0 | 515.0 | 542.3 | 569.0 | 592.4 | 620.1 | 641.1 |
| 35° | 417.3 | 443.1 | 471.0 | 503.3 | 537.0 | 574.2 | 611.5 | 654.6 | 691.8 | 732.6 | 768.1 |
| 32.5° | 442.4 | 473.2 | 509.9 | 552.4 | 595.7 | 652.2 | 705.0 | 773.6 | 833.0 | 897.8 | 963.0 |
| 30° | 468.3 | 508.4 | 555.9 | 609.4 | 678.3 | 756.0 | 842.6 | 944.7 | 1049.9 | 1151.7 | 1274.6 |
| 27.5° | 500.3 | 548.8 | 606.2 | 684.5 | 785.8 | 890.8 | 1039.7 | 1193.0 | 1386.5 | 1546.5 | 1772.1 |
| 25° | 533.6 | 590.6 | 672.3 | 778.7 | 911.0 | 1093.2 | 1319.2 | 1564.1 | 1904.5 | 2203.6 | 2554.3 |
| 22.5° | 569.8 | 646.9 | 748.4 | 879.8 | 1080.3 | 1360.1 | 1702.2 | 2163.3 | 2665.4 | 3198.4 | 3728.7 |
| 20° | 607.5 | 700.8 | 833.8 | 1024.3 | 1299.5 | 1678.4 | 2265.7 | 2977.5 | 3694.8 | 4574.4 | 5353.3 |
| 17.5° | 651.2 | 770.0 | 933.9 | 1172.1 | 1539.3 | 2119.6 | 2934.5 | 3928.2 | 5041.0 | 6305.7 | 7428.5 |
| 15° | 687.7 | 829.2 | 1036.1 | 1369.4 | 1874.4 | 2619.7 | 3647.3 | 5014.3 | 6686.6 | 8385.0 | 10108.2 |
| 12.5° | 729.9 | 893.6 | 1136.6 | 1534.1 | 2168.3 | 3158.8 | 4557.6 | 6287.8 | 8376.3 | 10732.1 | 13509.3 |
| 10° | 767.4 | 956.9 | 1259.0 | 1750.9 | 2526.1 | 3721.1 | 5418.6 | 7500.3 | 10195.4 | 13584.9 | 17885.6 |
| 7.5° | 795.2 | 1007.3 | 1353.5 | 1916.0 | 2835.4 | 4261.7 | 6232.2 | 8828.0 | 12252.6 | 16728.4 | 22630.9 |
| 5° | 813.3 | 1043.7 | 1420.4 | 2043.3 | 3077.5 | 4664.0 | 6828.5 | 9769.6 | 13901.2 | 20231.5 | 30226.5 |
| 2.5° | 824.1 | 1065.3 | 1458.5 | 2118.0 | 3224.7 | 4930.6 | 7282.1 | 10481.7 | 14969.7 | 22396.5 | 35111.9 |
| 0° | 828.9 | 1071.3 | 1481.3 | 2157.7 | 3273.9 | 5033.5 | 7490.4 | 10806.2 | 15447.7 | 22902.3 | 35970.9 |
| -2.5° | 824.1 | 1065.3 | 1458.5 | 2118.0 | 3224.7 | 4930.6 | 7282.1 | 10481.7 | 14969.7 | 22396.5 | 35111.9 |
| -5° | 813.3 | 1043.7 | 1420.4 | 2043.3 | 3077.5 | 4664.0 | 6828.5 | 9769.6 | 13901.2 | 20231.5 | 30226.5 |
| -7.5° | 795.2 | 1007.3 | 1353.5 | 1916.0 | 2835.4 | 4261.7 | 6232.2 | 8828.0 | 12252.6 | 16728.4 | 22630.9 |
| -10° | 767.4 | 956.9 | 1259.0 | 1750.9 | 2526.1 | 3721.1 | 5418.6 | 7500.3 | 10195.4 | 13584.9 | 17885.6 |
| -12.5° | 729.9 | 893.6 | 1136.6 | 1534.1 | 2168.3 | 3158.8 | 4557.6 | 6287.8 | 8376.3 | 10732.1 | 13509.3 |
| -15° | 687.7 | 829.2 | 1036.1 | 1369.4 | 1874.4 | 2619.7 | 3647.3 | 5014.3 | 6686.6 | 8385.0 | 10108.2 |
| -17.5° | 651.2 | 770.0 | 933.9 | 1172.1 | 1539.3 | 2119.6 | 2934.5 | 3928.2 | 5041.0 | 6305.7 | 7428.5 |
| -20° | 607.5 | 700.8 | 833.8 | 1024.3 | 1299.5 | 1678.4 | 2265.7 | 2977.5 | 3694.8 | 4574.4 | 5353.3 |



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 569.8 | 646.9 | 748.4 | 879.8 | 1080.3 | 1360.1 | 1702.2 | 2163.3 | 2665.4 | 3198.4 | 3728.7 |
| -25° | 533.6 | 590.6 | 672.3 | 778.7 | 911.0 | 1093.2 | 1319.2 | 1564.1 | 1904.5 | 2203.6 | 2554.3 |
| -27.5° | 500.3 | 548.8 | 606.2 | 684.5 | 785.8 | 890.8 | 1039.7 | 1193.0 | 1386.5 | 1546.5 | 1772.1 |
| -30° | 468.3 | 508.4 | 555.9 | 609.4 | 678.3 | 756.0 | 842.6 | 944.7 | 1049.9 | 1151.7 | 1274.6 |
| -32.5° | 442.4 | 473.2 | 509.9 | 552.4 | 595.7 | 652.2 | 705.0 | 773.6 | 833.0 | 897.8 | 963.0 |
| -35° | 417.3 | 443.1 | 471.0 | 503.3 | 537.0 | 574.2 | 611.5 | 654.6 | 691.8 | 732.6 | 768.1 |
| -37.5° | 396.0 | 415.4 | 438.1 | 461.9 | 489.0 | 515.0 | 542.3 | 569.0 | 592.4 | 620.1 | 641.1 |
| -40° | 376.8 | 392.3 | 409.6 | 427.4 | 448.3 | 467.3 | 488.2 | 506.2 | 522.3 | 539.5 | 553.2 |
| -42.5° | 358.8 | 372.3 | 385.6 | 400.1 | 414.3 | 428.7 | 444.3 | 458.2 | 468.9 | 478.9 | 487.0 |
| -45° | 342.1 | 353.9 | 364.9 | 376.6 | 387.0 | 398.0 | 408.3 | 417.2 | 426.3 | 433.1 | 437.8 |
| -47.5° | 326.9 | 337.2 | 347.3 | 356.4 | 364.0 | 372.5 | 380.0 | 386.4 | 392.7 | 397.8 | 401.3 |
| -50° | 311.9 | 321.5 | 330.7 | 339.0 | 345.4 | 351.2 | 356.4 | 360.9 | 365.2 | 368.6 | 371.0 |
| -52.5° | 296.7 | 305.6 | 314.2 | 321.7 | 327.9 | 333.1 | 337.3 | 341.1 | 344.0 | 346.0 | 346.9 |
| -55° | 282.1 | 290.4 | 297.7 | 304.8 | 311.1 | 316.5 | 320.7 | 323.8 | 326.4 | 328.4 | 329.1 |
| -57.5° | 266.0 | 274.9 | 282.8 | 288.0 | 293.7 | 299.7 | 303.7 | 306.0 | 308.0 | 309.8 | 310.7 |
| -60° | 247.5 | 256.3 | 263.0 | 268.3 | 273.6 | 278.6 | 282.0 | 284.7 | 286.9 | 288.4 | 289.4 |
| -62.5° | 225.9 | 232.7 | 238.8 | 244.3 | 249.7 | 254.1 | 256.9 | 259.4 | 261.5 | 263.3 | 264.6 |
| -65° | 200.7 | 208.1 | 212.8 | 217.0 | 220.8 | 224.7 | 228.7 | 231.7 | 233.6 | 234.9 | 235.6 |
| -67.5° | 174.7 | 181.8 | 186.8 | 190.6 | 193.6 | 196.7 | 200.4 | 203.5 | 206.2 | 208.0 | 208.8 |
| -70° | 149.4 | 155.6 | 160.4 | 164.7 | 168.2 | 171.1 | 173.9 | 176.2 | 178.1 | 179.6 | 180.6 |
| -72.5° | 124.4 | 130.7 | 135.8 | 140.0 | 143.6 | 146.4 | 148.7 | 150.6 | 152.2 | 152.8 | 152.9 |
| -75° | 98.9 | 104.0 | 109.7 | 114.7 | 119.0 | 121.6 | 123.4 | 125.0 | 126.2 | 126.5 | 126.4 |
| -77.5° | 77.1 | 81.1 | 85.2 | 89.3 | 93.3 | 95.6 | 97.2 | 98.5 | 99.6 | 99.9 | 99.7 |
| -80° | 57.4 | 59.9 | 62.5 | 65.1 | 67.6 | 69.1 | 70.2 | 71.0 | 71.6 | 71.8 | 71.9 |
| -82.5° | 39.4 | 41.0 | 42.4 | 43.7 | 45.0 | 46.1 | 47.1 | 48.0 | 48.7 | 48.7 | 48.5 |
| -85° | 23.4 | 24.3 | 25.1 | 25.8 | 26.5 | 27.2 | 27.7 | 28.2 | 28.7 | 28.3 | 27.9 |
| -87.5° | 9.8 | 10.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.3 | 11.4 | 11.6 | 11.0 | 10.3 |
| -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: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-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° | 9.7 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.7 | 10.3 | 11.0 | 11.6 | 11.4 |
| 85° | 27.4 | 26.8 | 26.9 | 26.9 | 26.9 | 26.8 | 27.4 | 27.9 | 28.3 | 28.7 | 28.2 |
| 82.5° | 48.1 | 47.7 | 47.8 | 47.9 | 47.8 | 47.7 | 48.1 | 48.5 | 48.7 | 48.7 | 48.0 |
| 80° | 71.8 | 71.5 | 70.2 | 68.8 | 70.2 | 71.5 | 71.8 | 71.9 | 71.8 | 71.6 | 71.0 |
| 77.5° | 99.2 | 98.3 | 97.2 | 95.8 | 97.2 | 98.3 | 99.2 | 99.7 | 99.9 | 99.6 | 98.5 |
| 75° | 125.9 | 125.2 | 125.5 | 125.7 | 125.5 | 125.2 | 125.9 | 126.4 | 126.5 | 126.2 | 125.0 |
| 72.5° | 152.7 | 152.0 | 152.4 | 152.6 | 152.4 | 152.0 | 152.7 | 152.9 | 152.8 | 152.2 | 150.6 |
| 70° | 181.3 | 181.6 | 180.9 | 179.6 | 180.9 | 181.6 | 181.3 | 180.6 | 179.6 | 178.1 | 176.2 |
| 67.5° | 209.1 | 208.8 | 207.9 | 206.5 | 207.9 | 208.8 | 209.1 | 208.8 | 208.0 | 206.2 | 203.5 |
| 65° | 235.9 | 235.6 | 236.1 | 236.4 | 236.1 | 235.6 | 235.9 | 235.6 | 234.9 | 233.6 | 231.7 |
| 62.5° | 265.3 | 265.3 | 264.7 | 263.3 | 264.7 | 265.3 | 265.3 | 264.6 | 263.3 | 261.5 | 259.4 |
| 60° | 289.8 | 289.6 | 288.7 | 287.3 | 288.7 | 289.6 | 289.8 | 289.4 | 288.4 | 286.9 | 284.7 |
| 57.5° | 310.9 | 310.6 | 309.7 | 308.2 | 309.7 | 310.6 | 310.9 | 310.7 | 309.8 | 308.0 | 306.0 |
| 55° | 329.2 | 328.8 | 327.8 | 326.2 | 327.8 | 328.8 | 329.2 | 329.1 | 328.4 | 326.4 | 323.8 |
| 52.5° | 347.1 | 346.7 | 346.8 | 347.1 | 346.8 | 346.7 | 347.1 | 346.9 | 346.0 | 344.0 | 341.1 |
| 50° | 372.5 | 373.0 | 372.6 | 371.1 | 372.6 | 373.0 | 372.5 | 371.0 | 368.6 | 365.2 | 360.9 |
| 47.5° | 403.0 | 403.2 | 402.4 | 401.0 | 402.4 | 403.2 | 403.0 | 401.3 | 397.8 | 392.7 | 386.4 |
| 45° | 441.4 | 443.5 | 444.1 | 442.9 | 444.1 | 443.5 | 441.4 | 437.8 | 433.1 | 426.3 | 417.2 |
| 42.5° | 493.3 | 496.7 | 497.7 | 496.8 | 497.7 | 496.7 | 493.3 | 487.0 | 478.9 | 468.9 | 458.2 |
| 40° | 561.6 | 565.4 | 566.1 | 565.6 | 566.1 | 565.4 | 561.6 | 553.2 | 539.5 | 522.3 | 506.2 |
| 37.5° | 655.9 | 665.4 | 669.8 | 670.3 | 669.8 | 665.4 | 655.9 | 641.1 | 620.1 | 592.4 | 569.0 |
| 35° | 795.2 | 814.0 | 824.0 | 828.9 | 824.0 | 814.0 | 795.2 | 768.1 | 732.6 | 691.8 | 654.6 |
| 32.5° | 1012.4 | 1050.0 | 1070.9 | 1068.4 | 1070.9 | 1050.0 | 1012.4 | 963.0 | 897.8 | 833.0 | 773.6 |
| 30° | 1367.3 | 1433.0 | 1466.1 | 1457.4 | 1466.1 | 1433.0 | 1367.3 | 1274.6 | 1151.7 | 1049.9 | 944.7 |
| 27.5° | 1934.1 | 2053.1 | 2121.9 | 2112.8 | 2121.9 | 2053.1 | 1934.1 | 1772.1 | 1546.5 | 1386.5 | 1193.0 |
| 25° | 2847.5 | 3064.6 | 3203.5 | 3169.1 | 3203.5 | 3064.6 | 2847.5 | 2554.3 | 2203.6 | 1904.5 | 1564.1 |
| 22.5° | 4237.0 | 4604.7 | 4848.1 | 4818.1 | 4848.1 | 4604.7 | 4237.0 | 3728.7 | 3198.4 | 2665.4 | 2163.3 |
| 20° | 6143.0 | 6702.7 | 7102.4 | 7155.3 | 7102.4 | 6702.7 | 6143.0 | 5353.3 | 4574.4 | 3694.8 | 2977.5 |
| 17.5° | 8641.4 | 9528.8 | 10146.5 | 10249.6 | 10146.5 | 9528.8 | 8641.4 | 7428.5 | 6305.7 | 5041.0 | 3928.2 |
| 15° | 11888.3 | 13338.8 | 14388.5 | 14475.1 | 14388.5 | 13338.8 | 11888.3 | 10108.2 | 8385.0 | 6686.6 | 5014.3 |
| 12.5° | 16297.2 | 19214.5 | 21118.4 | 21956.6 | 21118.4 | 19214.5 | 16297.2 | 13509.3 | 10732.1 | 8376.3 | 6287.8 |
| 10° | 22398.9 | 29099.7 | 33391.0 | 35004.3 | 33391.0 | 29099.7 | 22398.9 | 17885.6 | 13584.9 | 10195.4 | 7500.3 |
| 7.5° | 32590.6 | 43111.0 | 54807.0 | 59791.9 | 54807.0 | 43111.0 | 32590.6 | 22630.9 | 16728.4 | 12252.6 | 8828.0 |
| 5° | 44131.8 | 65965.9 | 86734.1 | 94844.0 | 86734.1 | 65965.9 | 44131.8 | 30226.5 | 20231.5 | 13901.2 | 9769.6 |
| 2.5° | 56276.2 | 86709.8 | 115228.4 | 126381.4 | 115228.4 | 86709.8 | 56276.2 | 35111.9 | 22396.5 | 14969.7 | 10481.7 |
| 0° | 61018.9 | 95792.7 | 127170.0 | 139675.9 | 127170.0 | 95792.7 | 61018.9 | 35970.9 | 22902.3 | 15447.7 | 10806.2 |
| -2.5° | 56276.2 | 86709.8 | 115228.4 | 126381.4 | 115228.4 | 86709.8 | 56276.2 | 35111.9 | 22396.5 | 14969.7 | 10481.7 |
| -5° | 44131.8 | 65965.9 | 86734.1 | 94844.0 | 86734.1 | 65965.9 | 44131.8 | 30226.5 | 20231.5 | 13901.2 | 9769.6 |
| -7.5° | 32590.6 | 43111.0 | 54807.0 | 59791.9 | 54807.0 | 43111.0 | 32590.6 | 22630.9 | 16728.4 | 12252.6 | 8828.0 |
| -10° | 22398.9 | 29099.7 | 33391.0 | 35004.3 | 33391.0 | 29099.7 | 22398.9 | 17885.6 | 13584.9 | 10195.4 | 7500.3 |
| -12.5° | 16297.2 | 19214.5 | 21118.4 | 21956.6 | 21118.4 | 19214.5 | 16297.2 | 13509.3 | 10732.1 | 8376.3 | 6287.8 |
| -15° | 11888.3 | 13338.8 | 14388.5 | 14475.1 | 14388.5 | 13338.8 | 11888.3 | 10108.2 | 8385.0 | 6686.6 | 5014.3 |
| -17.5° | 8641.4 | 9528.8 | 10146.5 | 10249.6 | 10146.5 | 9528.8 | 8641.4 | 7428.5 | 6305.7 | 5041.0 | 3928.2 |
| -20° | 6143.0 | 6702.7 | 7102.4 | 7155.3 | 7102.4 | 6702.7 | 6143.0 | 5353.3 | 4574.4 | 3694.8 | 2977.5 |



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4237.0 | 4604.7 | 4848.1 | 4818.1 | 4848.1 | 4604.7 | 4237.0 | 3728.7 | 3198.4 | 2665.4 | 2163.3 |
| -25° | 2847.5 | 3064.6 | 3203.5 | 3169.1 | 3203.5 | 3064.6 | 2847.5 | 2554.3 | 2203.6 | 1904.5 | 1564.1 |
| -27.5° | 1934.1 | 2053.1 | 2121.9 | 2112.8 | 2121.9 | 2053.1 | 1934.1 | 1772.1 | 1546.5 | 1386.5 | 1193.0 |
| -30° | 1367.3 | 1433.0 | 1466.1 | 1457.4 | 1466.1 | 1433.0 | 1367.3 | 1274.6 | 1151.7 | 1049.9 | 944.7 |
| -32.5° | 1012.4 | 1050.0 | 1070.9 | 1068.4 | 1070.9 | 1050.0 | 1012.4 | 963.0 | 897.8 | 833.0 | 773.6 |
| -35° | 795.2 | 814.0 | 824.0 | 828.9 | 824.0 | 814.0 | 795.2 | 768.1 | 732.6 | 691.8 | 654.6 |
| -37.5° | 655.9 | 665.4 | 669.8 | 670.3 | 669.8 | 665.4 | 655.9 | 641.1 | 620.1 | 592.4 | 569.0 |
| -40° | 561.6 | 565.4 | 566.1 | 565.6 | 566.1 | 565.4 | 561.6 | 553.2 | 539.5 | 522.3 | 506.2 |
| -42.5° | 493.3 | 496.7 | 497.7 | 496.8 | 497.7 | 496.7 | 493.3 | 487.0 | 478.9 | 468.9 | 458.2 |
| -45° | 441.4 | 443.5 | 444.1 | 442.9 | 444.1 | 443.5 | 441.4 | 437.8 | 433.1 | 426.3 | 417.2 |
| -47.5° | 403.0 | 403.2 | 402.4 | 401.0 | 402.4 | 403.2 | 403.0 | 401.3 | 397.8 | 392.7 | 386.4 |
| -50° | 372.5 | 373.0 | 372.6 | 371.1 | 372.6 | 373.0 | 372.5 | 371.0 | 368.6 | 365.2 | 360.9 |
| -52.5° | 347.1 | 346.7 | 346.8 | 347.1 | 346.8 | 346.7 | 347.1 | 346.9 | 346.0 | 344.0 | 341.1 |
| -55° | 329.2 | 328.8 | 327.8 | 326.2 | 327.8 | 328.8 | 329.2 | 329.1 | 328.4 | 326.4 | 323.8 |
| -57.5° | 310.9 | 310.6 | 309.7 | 308.2 | 309.7 | 310.6 | 310.9 | 310.7 | 309.8 | 308.0 | 306.0 |
| -60° | 289.8 | 289.6 | 288.7 | 287.3 | 288.7 | 289.6 | 289.8 | 289.4 | 288.4 | 286.9 | 284.7 |
| -62.5° | 265.3 | 265.3 | 264.7 | 263.3 | 264.7 | 265.3 | 265.3 | 264.6 | 263.3 | 261.5 | 259.4 |
| -65° | 235.9 | 235.6 | 236.1 | 236.4 | 236.1 | 235.6 | 235.9 | 235.6 | 234.9 | 233.6 | 231.7 |
| -67.5° | 209.1 | 208.8 | 207.9 | 206.5 | 207.9 | 208.8 | 209.1 | 208.8 | 208.0 | 206.2 | 203.5 |
| -70° | 181.3 | 181.6 | 180.9 | 179.6 | 180.9 | 181.6 | 181.3 | 180.6 | 179.6 | 178.1 | 176.2 |
| -72.5° | 152.7 | 152.0 | 152.4 | 152.6 | 152.4 | 152.0 | 152.7 | 152.9 | 152.8 | 152.2 | 150.6 |
| -75° | 125.9 | 125.2 | 125.5 | 125.7 | 125.5 | 125.2 | 125.9 | 126.4 | 126.5 | 126.2 | 125.0 |
| -77.5° | 99.2 | 98.3 | 97.2 | 95.8 | 97.2 | 98.3 | 99.2 | 99.7 | 99.9 | 99.6 | 98.5 |
| -80° | 71.8 | 71.5 | 70.2 | 68.8 | 70.2 | 71.5 | 71.8 | 71.9 | 71.8 | 71.6 | 71.0 |
| -82.5° | 48.1 | 47.7 | 47.8 | 47.9 | 47.8 | 47.7 | 48.1 | 48.5 | 48.7 | 48.7 | 48.0 |
| -85° | 27.4 | 26.8 | 26.9 | 26.9 | 26.9 | 26.8 | 27.4 | 27.9 | 28.3 | 28.7 | 28.2 |
| -87.5° | 9.7 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.7 | 10.3 | 11.0 | 11.6 | 11.4 |
| -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: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-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° | 11.3 | 11.1 | 10.9 | 10.6 | 10.4 | 10.1 | 9.8 | 9.5 | 9.2 | 8.8 | 8.5 |
| 85° | 27.7 | 27.2 | 26.5 | 25.8 | 25.1 | 24.3 | 23.4 | 22.0 | 20.7 | 19.4 | 18.2 |
| 82.5° | 47.1 | 46.1 | 45.0 | 43.7 | 42.4 | 41.0 | 39.4 | 37.3 | 35.0 | 32.4 | 29.8 |
| 80° | 70.2 | 69.1 | 67.6 | 65.1 | 62.5 | 59.9 | 57.4 | 54.9 | 52.3 | 49.5 | 46.6 |
| 77.5° | 97.2 | 95.6 | 93.3 | 89.3 | 85.2 | 81.1 | 77.1 | 73.7 | 70.4 | 67.0 | 63.4 |
| 75° | 123.4 | 121.6 | 119.0 | 114.7 | 109.7 | 104.0 | 98.9 | 94.7 | 90.2 | 85.6 | 80.7 |
| 72.5° | 148.7 | 146.4 | 143.6 | 140.0 | 135.8 | 130.7 | 124.4 | 117.7 | 111.3 | 105.1 | 99.3 |
| 70° | 173.9 | 171.1 | 168.2 | 164.7 | 160.4 | 155.6 | 149.4 | 141.8 | 133.2 | 124.8 | 118.5 |
| 67.5° | 200.4 | 196.7 | 193.6 | 190.6 | 186.8 | 181.8 | 174.7 | 166.9 | 158.4 | 148.7 | 139.7 |
| 65° | 228.7 | 224.7 | 220.8 | 217.0 | 212.8 | 208.1 | 200.7 | 192.1 | 182.9 | 173.2 | 163.1 |
| 62.5° | 256.9 | 254.1 | 249.7 | 244.3 | 238.8 | 232.7 | 225.9 | 217.4 | 207.5 | 196.2 | 185.1 |
| 60° | 282.0 | 278.6 | 273.6 | 268.3 | 263.0 | 256.3 | 247.5 | 239.7 | 233.0 | 220.3 | 206.9 |
| 57.5° | 303.7 | 299.7 | 293.7 | 288.0 | 282.8 | 274.9 | 266.0 | 257.2 | 248.6 | 239.7 | 228.2 |
| 55° | 320.7 | 316.5 | 311.1 | 304.8 | 297.7 | 290.4 | 282.1 | 272.7 | 263.6 | 255.5 | 244.9 |
| 52.5° | 337.3 | 333.1 | 327.9 | 321.7 | 314.2 | 305.6 | 296.7 | 287.3 | 278.7 | 270.4 | 260.9 |
| 50° | 356.4 | 351.2 | 345.4 | 339.0 | 330.7 | 321.5 | 311.9 | 301.8 | 293.0 | 284.5 | 275.5 |
| 47.5° | 380.0 | 372.5 | 364.0 | 356.4 | 347.3 | 337.2 | 326.9 | 316.8 | 307.2 | 297.2 | 288.1 |
| 45° | 408.3 | 398.0 | 387.0 | 376.6 | 364.9 | 353.9 | 342.1 | 331.5 | 321.2 | 310.4 | 299.2 |
| 42.5° | 444.3 | 428.7 | 414.3 | 400.1 | 385.6 | 372.3 | 358.8 | 346.6 | 334.9 | 323.4 | 311.3 |
| 40° | 488.2 | 467.3 | 448.3 | 427.4 | 409.6 | 392.3 | 376.8 | 361.4 | 348.5 | 336.0 | 322.7 |
| 37.5° | 542.3 | 515.0 | 489.0 | 461.9 | 438.1 | 415.4 | 396.0 | 378.3 | 361.5 | 347.9 | 333.8 |
| 35° | 611.5 | 574.2 | 537.0 | 503.3 | 471.0 | 443.1 | 417.3 | 396.0 | 376.8 | 359.2 | 344.5 |
| 32.5° | 705.0 | 652.2 | 595.7 | 552.4 | 509.9 | 473.2 | 442.4 | 415.4 | 392.3 | 372.3 | 354.7 |
| 30° | 842.6 | 756.0 | 678.3 | 609.4 | 555.9 | 508.4 | 468.3 | 437.1 | 409.6 | 385.6 | 364.9 |
| 27.5° | 1039.7 | 890.8 | 785.8 | 684.5 | 606.2 | 548.8 | 500.3 | 459.3 | 427.1 | 400.1 | 376.4 |
| 25° | 1319.2 | 1093.2 | 911.0 | 778.7 | 672.3 | 590.6 | 533.6 | 486.0 | 446.6 | 414.2 | 385.6 |
| 22.5° | 1702.2 | 1360.1 | 1080.3 | 879.8 | 748.4 | 646.9 | 569.8 | 512.4 | 464.5 | 426.5 | 395.4 |
| 20° | 2265.7 | 1678.4 | 1299.5 | 1024.3 | 833.8 | 700.8 | 607.5 | 540.0 | 484.5 | 439.2 | 404.0 |
| 17.5° | 2934.5 | 2119.6 | 1539.3 | 1172.1 | 933.9 | 770.0 | 651.2 | 565.4 | 502.8 | 450.3 | 410.9 |
| 15° | 3647.3 | 2619.7 | 1874.4 | 1369.4 | 1036.1 | 829.2 | 687.7 | 587.9 | 520.1 | 462.6 | 419.6 |
| 12.5° | 4557.6 | 3158.8 | 2168.3 | 1534.1 | 1136.6 | 893.6 | 729.9 | 616.4 | 537.3 | 475.8 | 428.6 |
| 10° | 5418.6 | 3721.1 | 2526.1 | 1750.9 | 1259.0 | 956.9 | 767.4 | 638.3 | 550.5 | 486.3 | 435.9 |
| 7.5° | 6232.2 | 4261.7 | 2835.4 | 1916.0 | 1353.5 | 1007.3 | 795.2 | 654.1 | 560.0 | 493.7 | 441.5 |
| 5° | 6828.5 | 4664.0 | 3077.5 | 2043.3 | 1420.4 | 1043.7 | 813.3 | 663.9 | 565.6 | 498.0 | 445.3 |
| 2.5° | 7282.1 | 4930.6 | 3224.7 | 2118.0 | 1458.5 | 1065.3 | 824.1 | 671.5 | 571.0 | 501.6 | 449.5 |
| 0° | 7490.4 | 5033.5 | 3273.9 | 2157.7 | 1481.3 | 1071.3 | 828.9 | 676.3 | 574.6 | 502.8 | 451.9 |
| -2.5° | 7282.1 | 4930.6 | 3224.7 | 2118.0 | 1458.5 | 1065.3 | 824.1 | 671.5 | 571.0 | 501.6 | 449.5 |
| -5° | 6828.5 | 4664.0 | 3077.5 | 2043.3 | 1420.4 | 1043.7 | 813.3 | 663.9 | 565.6 | 498.0 | 445.3 |
| -7.5° | 6232.2 | 4261.7 | 2835.4 | 1916.0 | 1353.5 | 1007.3 | 795.2 | 654.1 | 560.0 | 493.7 | 441.5 |
| -10° | 5418.6 | 3721.1 | 2526.1 | 1750.9 | 1259.0 | 956.9 | 767.4 | 638.3 | 550.5 | 486.3 | 435.9 |
| -12.5° | 4557.6 | 3158.8 | 2168.3 | 1534.1 | 1136.6 | 893.6 | 729.9 | 616.4 | 537.3 | 475.8 | 428.6 |
| -15° | 3647.3 | 2619.7 | 1874.4 | 1369.4 | 1036.1 | 829.2 | 687.7 | 587.9 | 520.1 | 462.6 | 419.6 |
| -17.5° | 2934.5 | 2119.6 | 1539.3 | 1172.1 | 933.9 | 770.0 | 651.2 | 565.4 | 502.8 | 450.3 | 410.9 |
| -20° | 2265.7 | 1678.4 | 1299.5 | 1024.3 | 833.8 | 700.8 | 607.5 | 540.0 | 484.5 | 439.2 | 404.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1702.2 | 1360.1 | 1080.3 | 879.8 | 748.4 | 646.9 | 569.8 | 512.4 | 464.5 | 426.5 | 395.4 |
| -25° | 1319.2 | 1093.2 | 911.0 | 778.7 | 672.3 | 590.6 | 533.6 | 486.0 | 446.6 | 414.2 | 385.6 |
| -27.5° | 1039.7 | 890.8 | 785.8 | 684.5 | 606.2 | 548.8 | 500.3 | 459.3 | 427.1 | 400.1 | 376.4 |
| -30° | 842.6 | 756.0 | 678.3 | 609.4 | 555.9 | 508.4 | 468.3 | 437.1 | 409.6 | 385.6 | 364.9 |
| -32.5° | 705.0 | 652.2 | 595.7 | 552.4 | 509.9 | 473.2 | 442.4 | 415.4 | 392.3 | 372.3 | 354.7 |
| -35° | 611.5 | 574.2 | 537.0 | 503.3 | 471.0 | 443.1 | 417.3 | 396.0 | 376.8 | 359.2 | 344.5 |
| -37.5° | 542.3 | 515.0 | 489.0 | 461.9 | 438.1 | 415.4 | 396.0 | 378.3 | 361.5 | 347.9 | 333.8 |
| -40° | 488.2 | 467.3 | 448.3 | 427.4 | 409.6 | 392.3 | 376.8 | 361.4 | 348.5 | 336.0 | 322.7 |
| -42.5° | 444.3 | 428.7 | 414.3 | 400.1 | 385.6 | 372.3 | 358.8 | 346.6 | 334.9 | 323.4 | 311.3 |
| -45° | 408.3 | 398.0 | 387.0 | 376.6 | 364.9 | 353.9 | 342.1 | 331.5 | 321.2 | 310.4 | 299.2 |
| -47.5° | 380.0 | 372.5 | 364.0 | 356.4 | 347.3 | 337.2 | 326.9 | 316.8 | 307.2 | 297.2 | 288.1 |
| -50° | 356.4 | 351.2 | 345.4 | 339.0 | 330.7 | 321.5 | 311.9 | 301.8 | 293.0 | 284.5 | 275.5 |
| -52.5° | 337.3 | 333.1 | 327.9 | 321.7 | 314.2 | 305.6 | 296.7 | 287.3 | 278.7 | 270.4 | 260.9 |
| -55° | 320.7 | 316.5 | 311.1 | 304.8 | 297.7 | 290.4 | 282.1 | 272.7 | 263.6 | 255.5 | 244.9 |
| -57.5° | 303.7 | 299.7 | 293.7 | 288.0 | 282.8 | 274.9 | 266.0 | 257.2 | 248.6 | 239.7 | 228.2 |
| -60° | 282.0 | 278.6 | 273.6 | 268.3 | 263.0 | 256.3 | 247.5 | 239.7 | 233.0 | 220.3 | 206.9 |
| -62.5° | 256.9 | 254.1 | 249.7 | 244.3 | 238.8 | 232.7 | 225.9 | 217.4 | 207.5 | 196.2 | 185.1 |
| -65° | 228.7 | 224.7 | 220.8 | 217.0 | 212.8 | 208.1 | 200.7 | 192.1 | 182.9 | 173.2 | 163.1 |
| -67.5° | 200.4 | 196.7 | 193.6 | 190.6 | 186.8 | 181.8 | 174.7 | 166.9 | 158.4 | 148.7 | 139.7 |
| -70° | 173.9 | 171.1 | 168.2 | 164.7 | 160.4 | 155.6 | 149.4 | 141.8 | 133.2 | 124.8 | 118.5 |
| -72.5° | 148.7 | 146.4 | 143.6 | 140.0 | 135.8 | 130.7 | 124.4 | 117.7 | 111.3 | 105.1 | 99.3 |
| -75° | 123.4 | 121.6 | 119.0 | 114.7 | 109.7 | 104.0 | 98.9 | 94.7 | 90.2 | 85.6 | 80.7 |
| -77.5° | 97.2 | 95.6 | 93.3 | 89.3 | 85.2 | 81.1 | 77.1 | 73.7 | 70.4 | 67.0 | 63.4 |
| -80° | 70.2 | 69.1 | 67.6 | 65.1 | 62.5 | 59.9 | 57.4 | 54.9 | 52.3 | 49.5 | 46.6 |
| -82.5° | 47.1 | 46.1 | 45.0 | 43.7 | 42.4 | 41.0 | 39.4 | 37.3 | 35.0 | 32.4 | 29.8 |
| -85° | 27.7 | 27.2 | 26.5 | 25.8 | 25.1 | 24.3 | 23.4 | 22.0 | 20.7 | 19.4 | 18.2 |
| -87.5° | 11.3 | 11.1 | 10.9 | 10.6 | 10.4 | 10.1 | 9.8 | 9.5 | 9.2 | 8.8 | 8.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-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° | 8.1 | 7.7 | 7.3 | 6.9 | 6.4 | 6.0 | 5.5 | 5.1 | 4.6 | 4.1 | 3.6 |
| 85° | 17.5 | 16.7 | 15.7 | 14.6 | 13.3 | 12.0 | 11.1 | 10.1 | 9.2 | 8.2 | 7.2 |
| 82.5° | 28.3 | 27.2 | 26.2 | 24.8 | 22.9 | 20.9 | 18.8 | 16.7 | 14.6 | 12.4 | 10.8 |
| 80° | 43.8 | 41.1 | 38.5 | 35.9 | 32.9 | 29.8 | 27.0 | 24.2 | 21.4 | 18.5 | 15.5 |
| 77.5° | 59.6 | 55.7 | 51.6 | 47.8 | 44.0 | 40.1 | 36.1 | 32.0 | 28.1 | 24.5 | 20.8 |
| 75° | 75.6 | 70.8 | 65.9 | 60.8 | 55.6 | 50.4 | 45.6 | 40.6 | 35.6 | 30.6 | 26.1 |
| 72.5° | 93.3 | 87.1 | 80.7 | 74.1 | 68.1 | 61.9 | 55.5 | 49.2 | 43.4 | 37.5 | 31.5 |
| 70° | 111.9 | 104.2 | 96.5 | 89.2 | 81.4 | 73.3 | 66.1 | 58.7 | 51.1 | 44.3 | 37.5 |
| 67.5° | 131.4 | 123.5 | 114.4 | 104.7 | 95.9 | 86.8 | 76.9 | 68.2 | 59.7 | 51.1 | 43.4 |
| 65° | 152.7 | 142.9 | 133.5 | 122.2 | 111.1 | 100.4 | 89.7 | 78.2 | 68.2 | 58.7 | 49.2 |
| 62.5° | 173.5 | 161.7 | 150.4 | 138.8 | 126.7 | 114.5 | 102.4 | 89.4 | 76.8 | 66.1 | 55.5 |
| 60° | 194.1 | 181.0 | 167.0 | 153.9 | 141.3 | 128.3 | 114.6 | 100.3 | 86.5 | 73.3 | 61.9 |
| 57.5° | 213.7 | 200.0 | 184.1 | 168.7 | 154.5 | 141.1 | 126.4 | 110.9 | 95.8 | 81.3 | 68.1 |
| 55° | 231.9 | 216.6 | 200.2 | 183.4 | 167.5 | 152.7 | 137.5 | 121.1 | 104.8 | 89.2 | 74.0 |
| 52.5° | 248.8 | 232.7 | 215.2 | 197.4 | 180.0 | 163.9 | 147.8 | 130.8 | 113.5 | 96.8 | 80.4 |
| 50° | 264.4 | 248.7 | 230.1 | 211.0 | 191.9 | 174.8 | 158.0 | 140.2 | 121.8 | 104.0 | 86.7 |
| 47.5° | 277.9 | 263.1 | 245.1 | 224.4 | 204.1 | 185.7 | 168.0 | 149.3 | 129.7 | 111.0 | 92.8 |
| 45° | 289.0 | 276.4 | 259.0 | 238.3 | 216.5 | 197.0 | 177.8 | 158.3 | 137.8 | 117.7 | 98.6 |
| 42.5° | 299.3 | 287.5 | 271.8 | 251.8 | 229.2 | 208.1 | 187.4 | 167.0 | 145.6 | 124.1 | 104.2 |
| 40° | 309.8 | 297.3 | 283.7 | 263.6 | 241.1 | 218.8 | 197.1 | 175.4 | 153.1 | 130.4 | 109.5 |
| 37.5° | 319.5 | 306.6 | 292.9 | 274.5 | 251.8 | 228.8 | 206.4 | 183.6 | 160.2 | 136.6 | 114.5 |
| 35° | 329.5 | 314.9 | 300.8 | 283.1 | 261.1 | 237.9 | 215.2 | 191.5 | 166.8 | 142.4 | 119.3 |
| 32.5° | 339.0 | 322.7 | 307.4 | 290.1 | 269.6 | 246.1 | 223.1 | 198.4 | 173.0 | 147.8 | 123.8 |
| 30° | 347.6 | 330.0 | 313.8 | 296.9 | 276.8 | 253.2 | 229.7 | 204.7 | 178.8 | 152.7 | 128.0 |
| 27.5° | 354.5 | 336.0 | 319.8 | 302.7 | 282.6 | 259.7 | 235.5 | 210.3 | 184.1 | 157.2 | 131.9 |
| 25° | 361.4 | 341.5 | 324.7 | 308.0 | 288.1 | 266.2 | 241.0 | 215.3 | 188.8 | 161.5 | 135.5 |
| 22.5° | 369.1 | 346.7 | 328.5 | 313.0 | 293.7 | 272.4 | 246.1 | 219.6 | 192.9 | 165.4 | 138.7 |
| 20° | 375.9 | 351.2 | 331.4 | 317.0 | 298.1 | 277.1 | 251.0 | 223.5 | 196.4 | 168.8 | 141.5 |
| 17.5° | 381.8 | 355.9 | 335.1 | 319.3 | 301.5 | 281.1 | 255.5 | 226.9 | 199.3 | 171.7 | 143.8 |
| 15° | 388.0 | 361.0 | 338.4 | 321.2 | 304.3 | 284.5 | 259.6 | 229.9 | 201.7 | 174.2 | 145.9 |
| 12.5° | 393.6 | 365.1 | 341.1 | 322.7 | 306.5 | 287.2 | 263.3 | 232.4 | 203.5 | 176.4 | 147.9 |
| 10° | 398.2 | 368.2 | 343.1 | 323.7 | 307.9 | 289.3 | 266.4 | 234.7 | 205.5 | 178.0 | 149.5 |
| 7.5° | 401.8 | 370.4 | 344.4 | 324.3 | 309.0 | 290.9 | 269.0 | 237.5 | 207.2 | 179.1 | 150.8 |
| 5° | 404.4 | 372.2 | 346.4 | 326.1 | 310.2 | 292.2 | 270.9 | 239.7 | 208.5 | 179.8 | 151.8 |
| 2.5° | 406.3 | 373.6 | 348.6 | 327.9 | 311.0 | 293.0 | 272.0 | 241.4 | 209.2 | 179.9 | 152.4 |
| 0° | 407.0 | 374.1 | 350.1 | 329.2 | 311.2 | 293.3 | 272.3 | 242.4 | 209.5 | 179.6 | 152.6 |
| -2.5° | 406.3 | 373.6 | 348.6 | 327.9 | 311.0 | 293.0 | 272.0 | 241.4 | 209.2 | 179.9 | 152.4 |
| -5° | 404.4 | 372.2 | 346.4 | 326.1 | 310.2 | 292.2 | 270.9 | 239.7 | 208.5 | 179.8 | 151.8 |
| -7.5° | 401.8 | 370.4 | 344.4 | 324.3 | 309.0 | 290.9 | 269.0 | 237.5 | 207.2 | 179.1 | 150.8 |
| -10° | 398.2 | 368.2 | 343.1 | 323.7 | 307.9 | 289.3 | 266.4 | 234.7 | 205.5 | 178.0 | 149.5 |
| -12.5° | 393.6 | 365.1 | 341.1 | 322.7 | 306.5 | 287.2 | 263.3 | 232.4 | 203.5 | 176.4 | 147.9 |
| -15° | 388.0 | 361.0 | 338.4 | 321.2 | 304.3 | 284.5 | 259.6 | 229.9 | 201.7 | 174.2 | 145.9 |
| -17.5° | 381.8 | 355.9 | 335.1 | 319.3 | 301.5 | 281.1 | 255.5 | 226.9 | 199.3 | 171.7 | 143.8 |
| -20° | 375.9 | 351.2 | 331.4 | 317.0 | 298.1 | 277.1 | 251.0 | 223.5 | 196.4 | 168.8 | 141.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 369.1 | 346.7 | 328.5 | 313.0 | 293.7 | 272.4 | 246.1 | 219.6 | 192.9 | 165.4 | 138.7 |
| -25° | 361.4 | 341.5 | 324.7 | 308.0 | 288.1 | 266.2 | 241.0 | 215.3 | 188.8 | 161.5 | 135.5 |
| -27.5° | 354.5 | 336.0 | 319.8 | 302.7 | 282.6 | 259.7 | 235.5 | 210.3 | 184.1 | 157.2 | 131.9 |
| -30° | 347.6 | 330.0 | 313.8 | 296.9 | 276.8 | 253.2 | 229.7 | 204.7 | 178.8 | 152.7 | 128.0 |
| -32.5° | 339.0 | 322.7 | 307.4 | 290.1 | 269.6 | 246.1 | 223.1 | 198.4 | 173.0 | 147.8 | 123.8 |
| -35° | 329.5 | 314.9 | 300.8 | 283.1 | 261.1 | 237.9 | 215.2 | 191.5 | 166.8 | 142.4 | 119.3 |
| -37.5° | 319.5 | 306.6 | 292.9 | 274.5 | 251.8 | 228.8 | 206.4 | 183.6 | 160.2 | 136.6 | 114.5 |
| -40° | 309.8 | 297.3 | 283.7 | 263.6 | 241.1 | 218.8 | 197.1 | 175.4 | 153.1 | 130.4 | 109.5 |
| -42.5° | 299.3 | 287.5 | 271.8 | 251.8 | 229.2 | 208.1 | 187.4 | 167.0 | 145.6 | 124.1 | 104.2 |
| -45° | 289.0 | 276.4 | 259.0 | 238.3 | 216.5 | 197.0 | 177.8 | 158.3 | 137.8 | 117.7 | 98.6 |
| -47.5° | 277.9 | 263.1 | 245.1 | 224.4 | 204.1 | 185.7 | 168.0 | 149.3 | 129.7 | 111.0 | 92.8 |
| -50° | 264.4 | 248.7 | 230.1 | 211.0 | 191.9 | 174.8 | 158.0 | 140.2 | 121.8 | 104.0 | 86.7 |
| -52.5° | 248.8 | 232.7 | 215.2 | 197.4 | 180.0 | 163.9 | 147.8 | 130.8 | 113.5 | 96.8 | 80.4 |
| -55° | 231.9 | 216.6 | 200.2 | 183.4 | 167.5 | 152.7 | 137.5 | 121.1 | 104.8 | 89.2 | 74.0 |
| -57.5° | 213.7 | 200.0 | 184.1 | 168.7 | 154.5 | 141.1 | 126.4 | 110.9 | 95.8 | 81.3 | 68.1 |
| -60° | 194.1 | 181.0 | 167.0 | 153.9 | 141.3 | 128.3 | 114.6 | 100.3 | 86.5 | 73.3 | 61.9 |
| -62.5° | 173.5 | 161.7 | 150.4 | 138.8 | 126.7 | 114.5 | 102.4 | 89.4 | 76.8 | 66.1 | 55.5 |
| -65° | 152.7 | 142.9 | 133.5 | 122.2 | 111.1 | 100.4 | 89.7 | 78.2 | 68.2 | 58.7 | 49.2 |
| -67.5° | 131.4 | 123.5 | 114.4 | 104.7 | 95.9 | 86.8 | 76.9 | 68.2 | 59.7 | 51.1 | 43.4 |
| -70° | 111.9 | 104.2 | 96.5 | 89.2 | 81.4 | 73.3 | 66.1 | 58.7 | 51.1 | 44.3 | 37.5 |
| -72.5° | 93.3 | 87.1 | 80.7 | 74.1 | 68.1 | 61.9 | 55.5 | 49.2 | 43.4 | 37.5 | 31.5 |
| -75° | 75.6 | 70.8 | 65.9 | 60.8 | 55.6 | 50.4 | 45.6 | 40.6 | 35.6 | 30.6 | 26.1 |
| -77.5° | 59.6 | 55.7 | 51.6 | 47.8 | 44.0 | 40.1 | 36.1 | 32.0 | 28.1 | 24.5 | 20.8 |
| -80° | 43.8 | 41.1 | 38.5 | 35.9 | 32.9 | 29.8 | 27.0 | 24.2 | 21.4 | 18.5 | 15.5 |
| -82.5° | 28.3 | 27.2 | 26.2 | 24.8 | 22.9 | 20.9 | 18.8 | 16.7 | 14.6 | 12.4 | 10.8 |
| -85° | 17.5 | 16.7 | 15.7 | 14.6 | 13.3 | 12.0 | 11.1 | 10.1 | 9.2 | 8.2 | 7.2 |
| -87.5° | 8.1 | 7.7 | 7.3 | 6.9 | 6.4 | 6.0 | 5.5 | 5.1 | 4.6 | 4.1 | 3.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-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° | 3.1 | 2.6 | 2.1 | 1.6 | 1.0 | 0.5 | 0.0 |
| 85° | 6.2 | 5.2 | 4.2 | 3.1 | 2.1 | 0.9 | 0.0 |
| 82.5° | 9.3 | 7.8 | 6.2 | 4.7 | 3.1 | 1.4 | 0.0 |
| 80° | 12.5 | 10.3 | 8.3 | 6.2 | 4.1 | 1.8 | 0.0 |
| 77.5° | 17.1 | 13.3 | 10.3 | 7.8 | 5.2 | 2.3 | 0.0 |
| 75° | 21.5 | 16.8 | 12.5 | 9.3 | 6.2 | 2.7 | 0.0 |
| 72.5° | 25.9 | 20.4 | 15.2 | 10.8 | 7.1 | 3.1 | 0.0 |
| 70° | 30.3 | 23.8 | 17.9 | 12.4 | 8.1 | 3.6 | 0.0 |
| 67.5° | 35.3 | 27.2 | 20.5 | 14.2 | 9.0 | 4.0 | 0.0 |
| 65° | 40.2 | 30.9 | 23.0 | 16.1 | 9.9 | 4.4 | 0.0 |
| 62.5° | 45.1 | 34.9 | 25.5 | 17.9 | 10.8 | 4.8 | 0.0 |
| 60° | 49.8 | 38.8 | 27.9 | 19.6 | 11.6 | 5.1 | 0.0 |
| 57.5° | 54.9 | 42.7 | 30.9 | 21.3 | 12.7 | 5.5 | 0.0 |
| 55° | 60.0 | 46.4 | 33.9 | 22.9 | 13.7 | 5.9 | 0.0 |
| 52.5° | 65.0 | 50.1 | 36.8 | 24.5 | 14.7 | 6.2 | 0.0 |
| 50° | 69.7 | 54.0 | 39.5 | 26.0 | 15.7 | 6.5 | 0.0 |
| 47.5° | 74.4 | 57.9 | 42.2 | 27.6 | 16.7 | 6.8 | 0.0 |
| 45° | 79.4 | 61.5 | 44.8 | 29.5 | 17.6 | 7.1 | 0.0 |
| 42.5° | 84.2 | 65.0 | 47.2 | 31.3 | 18.5 | 7.4 | 0.0 |
| 40° | 88.7 | 68.4 | 49.7 | 33.1 | 19.4 | 7.6 | 0.0 |
| 37.5° | 93.0 | 71.5 | 52.2 | 34.8 | 20.2 | 7.9 | 0.0 |
| 35° | 97.1 | 74.8 | 54.6 | 36.5 | 21.0 | 8.1 | 0.0 |
| 32.5° | 100.9 | 77.9 | 56.8 | 38.0 | 21.8 | 8.3 | 0.0 |
| 30° | 104.4 | 80.9 | 58.9 | 39.4 | 22.5 | 8.4 | 0.0 |
| 27.5° | 107.7 | 83.6 | 60.9 | 40.7 | 23.2 | 8.6 | 0.0 |
| 25° | 110.7 | 86.1 | 62.8 | 42.0 | 23.8 | 8.7 | 0.0 |
| 22.5° | 113.4 | 88.3 | 64.5 | 43.1 | 24.3 | 8.8 | 0.0 |
| 20° | 115.8 | 90.3 | 66.0 | 44.1 | 24.9 | 8.9 | 0.0 |
| 17.5° | 117.8 | 91.9 | 67.3 | 45.0 | 25.3 | 9.0 | 0.0 |
| 15° | 119.5 | 93.3 | 68.5 | 45.7 | 25.7 | 9.1 | 0.0 |
| 12.5° | 120.8 | 94.4 | 69.5 | 46.4 | 26.1 | 9.1 | 0.0 |
| 10° | 121.8 | 95.2 | 70.3 | 46.9 | 26.4 | 9.1 | 0.0 |
| 7.5° | 122.5 | 95.7 | 71.0 | 47.4 | 26.6 | 9.1 | 0.0 |
| 5° | 122.9 | 96.0 | 71.4 | 47.7 | 26.8 | 9.1 | 0.0 |
| 2.5° | 122.9 | 96.0 | 71.7 | 47.8 | 26.9 | 9.1 | 0.0 |
| 0° | 122.7 | 95.8 | 71.8 | 47.9 | 26.9 | 9.0 | 0.0 |
| -2.5° | 122.9 | 96.0 | 71.7 | 47.8 | 26.9 | 9.1 | 0.0 |
| -5° | 122.9 | 96.0 | 71.4 | 47.7 | 26.8 | 9.1 | 0.0 |
| -7.5° | 122.5 | 95.7 | 71.0 | 47.4 | 26.6 | 9.1 | 0.0 |
| -10° | 121.8 | 95.2 | 70.3 | 46.9 | 26.4 | 9.1 | 0.0 |
| -12.5° | 120.8 | 94.4 | 69.5 | 46.4 | 26.1 | 9.1 | 0.0 |
| -15° | 119.5 | 93.3 | 68.5 | 45.7 | 25.7 | 9.1 | 0.0 |
| -17.5° | 117.8 | 91.9 | 67.3 | 45.0 | 25.3 | 9.0 | 0.0 |
| -20° | 115.8 | 90.3 | 66.0 | 44.1 | 24.9 | 8.9 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P626979 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 113.4 | 88.3 | 64.5 | 43.1 | 24.3 | 8.8 | 0.0 |
| -25° | 110.7 | 86.1 | 62.8 | 42.0 | 23.8 | 8.7 | 0.0 |
| -27.5° | 107.7 | 83.6 | 60.9 | 40.7 | 23.2 | 8.6 | 0.0 |
| -30° | 104.4 | 80.9 | 58.9 | 39.4 | 22.5 | 8.4 | 0.0 |
| -32.5° | 100.9 | 77.9 | 56.8 | 38.0 | 21.8 | 8.3 | 0.0 |
| -35° | 97.1 | 74.8 | 54.6 | 36.5 | 21.0 | 8.1 | 0.0 |
| -37.5° | 93.0 | 71.5 | 52.2 | 34.8 | 20.2 | 7.9 | 0.0 |
| -40° | 88.7 | 68.4 | 49.7 | 33.1 | 19.4 | 7.6 | 0.0 |
| -42.5° | 84.2 | 65.0 | 47.2 | 31.3 | 18.5 | 7.4 | 0.0 |
| -45° | 79.4 | 61.5 | 44.8 | 29.5 | 17.6 | 7.1 | 0.0 |
| -47.5° | 74.4 | 57.9 | 42.2 | 27.6 | 16.7 | 6.8 | 0.0 |
| -50° | 69.7 | 54.0 | 39.5 | 26.0 | 15.7 | 6.5 | 0.0 |
| -52.5° | 65.0 | 50.1 | 36.8 | 24.5 | 14.7 | 6.2 | 0.0 |
| -55° | 60.0 | 46.4 | 33.9 | 22.9 | 13.7 | 5.9 | 0.0 |
| -57.5° | 54.9 | 42.7 | 30.9 | 21.3 | 12.7 | 5.5 | 0.0 |
| -60° | 49.8 | 38.8 | 27.9 | 19.6 | 11.6 | 5.1 | 0.0 |
| -62.5° | 45.1 | 34.9 | 25.5 | 17.9 | 10.8 | 4.8 | 0.0 |
| -65° | 40.2 | 30.9 | 23.0 | 16.1 | 9.9 | 4.4 | 0.0 |
| -67.5° | 35.3 | 27.2 | 20.5 | 14.2 | 9.0 | 4.0 | 0.0 |
| -70° | 30.3 | 23.8 | 17.9 | 12.4 | 8.1 | 3.6 | 0.0 |
| -72.5° | 25.9 | 20.4 | 15.2 | 10.8 | 7.1 | 3.1 | 0.0 |
| -75° | 21.5 | 16.8 | 12.5 | 9.3 | 6.2 | 2.7 | 0.0 |
| -77.5° | 17.1 | 13.3 | 10.3 | 7.8 | 5.2 | 2.3 | 0.0 |
| -80° | 12.5 | 10.3 | 8.3 | 6.2 | 4.1 | 1.8 | 0.0 |
| -82.5° | 9.3 | 7.8 | 6.2 | 4.7 | 3.1 | 1.4 | 0.0 |
| -85° | 6.2 | 5.2 | 4.2 | 3.1 | 2.1 | 0.9 | 0.0 |
| -87.5° | 3.1 | 2.6 | 2.1 | 1.6 | 1.0 | 0.5 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)