

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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627079 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N61
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11995.4 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 112966.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 3546.5 lumens
Beam Efficiency: 29.6%

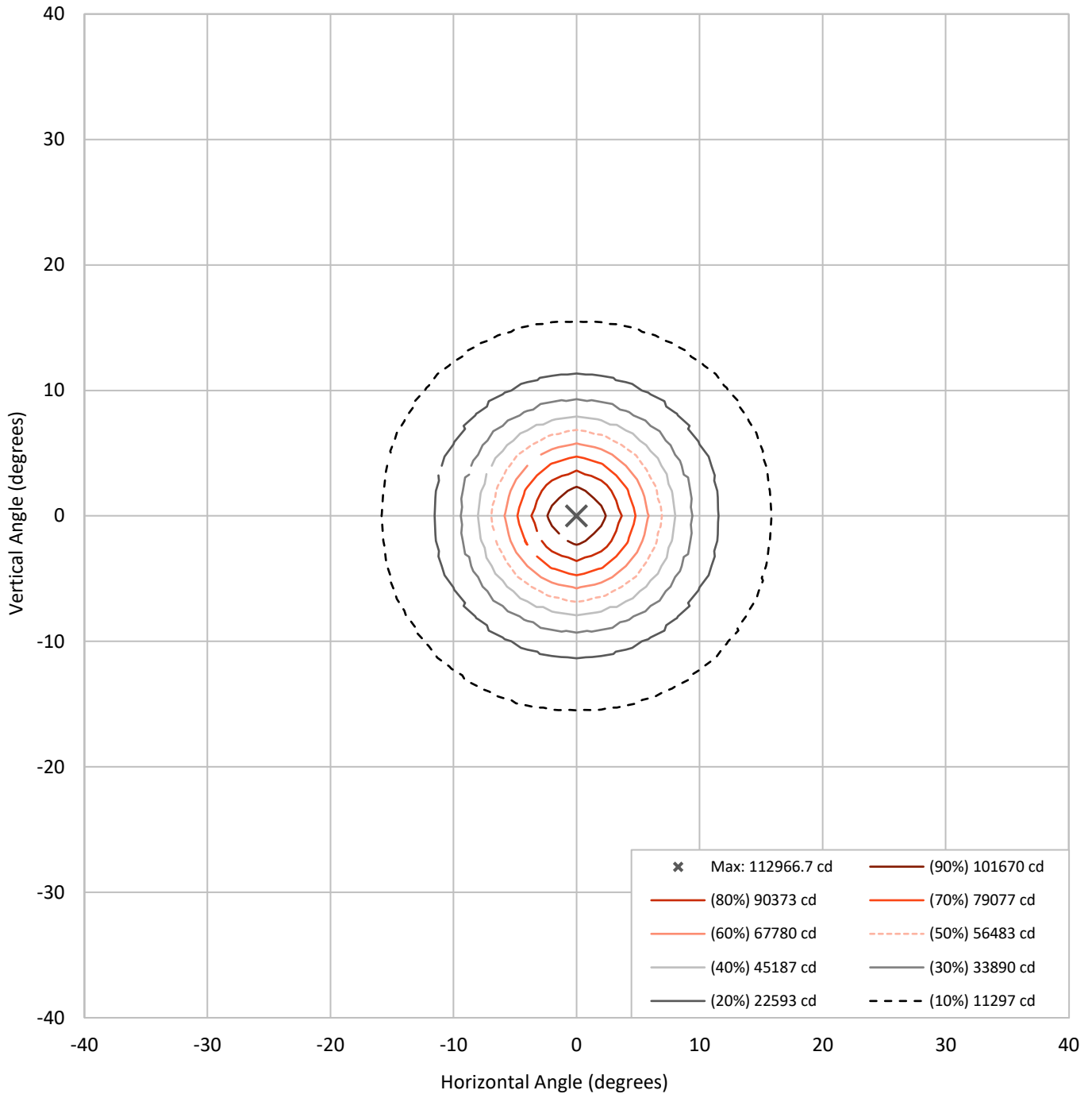
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 7981.1 lumens
Field Efficiency: 66.5%

Input Watts (W): 93.7
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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-XX

Iso-Candela Plot





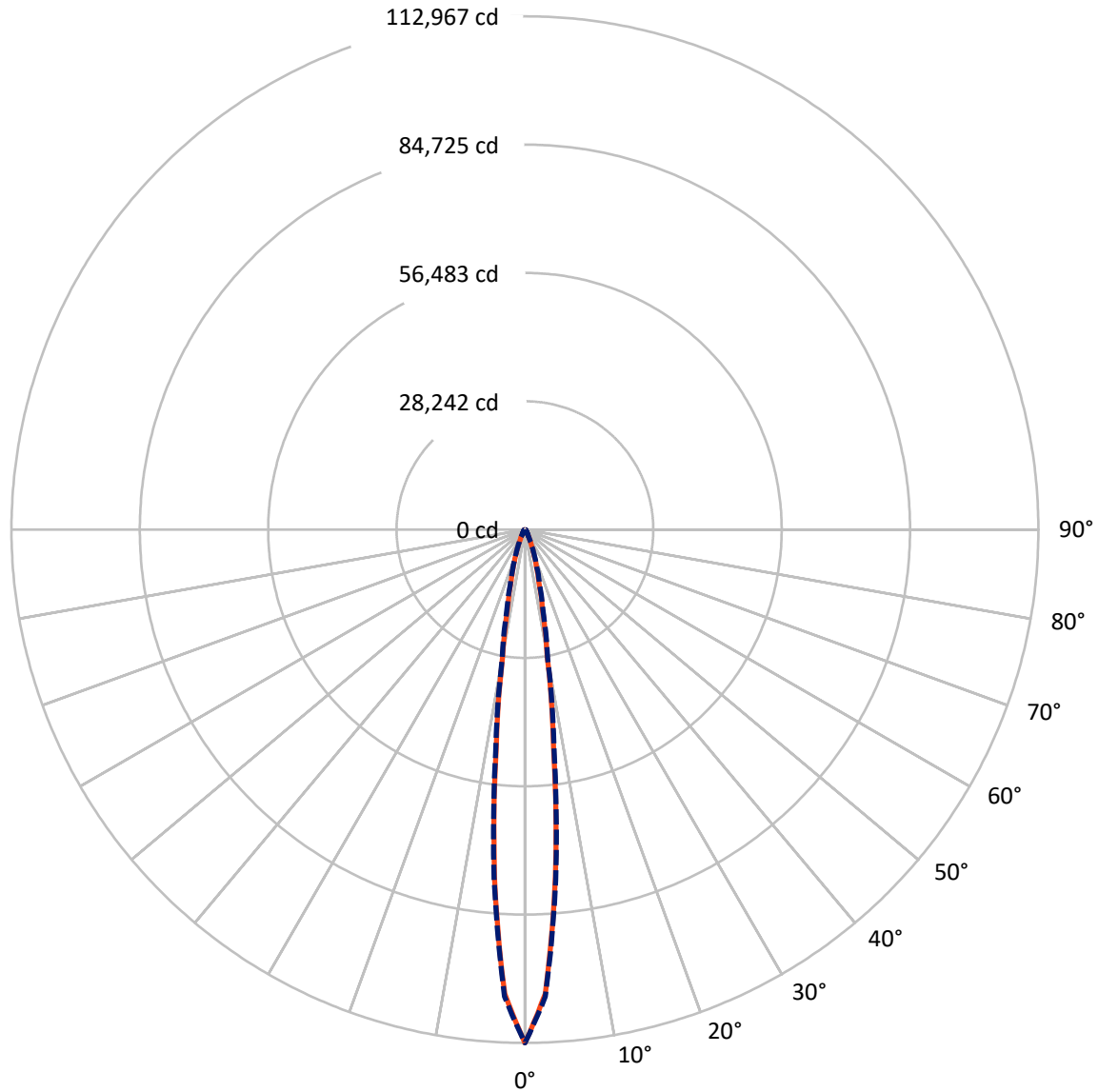
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|
| 90 | 0.2 | 1.6 | 4.3 | 7.0 | 7.6 | 7.0 | 4.3 | 1.6 | 0.2 | | | | | | | |
| 80 | 0.2 | 1.6 | 4.3 | 7.0 | 7.6 | 7.0 | 4.3 | 1.6 | 0.2 | | | | | | | |
| 70 | 0.7 | 0.8 | 1.7 | 2.8 | 4.0 | 4.9 | 5.5 | 5.8 | 5.8 | 5.5 | 4.9 | 4.0 | 2.8 | 1.7 | 0.8 | 0.7 |
| 60 | | 1.3 | 2.6 | 4.2 | 5.7 | 6.9 | 7.7 | 8.1 | 8.1 | 7.7 | 6.9 | 5.7 | 4.2 | 2.6 | 1.3 | |
| 50 | 1.3 | 1.7 | 3.4 | 5.2 | 6.9 | 8.7 | 10.3 | 11.1 | 11.1 | 10.3 | 8.7 | 6.9 | 5.2 | 3.4 | 1.7 | 1.3 |
| 40 | | 2.0 | 4.0 | 6.0 | 8.5 | 12.3 | 17.3 | 21.4 | 21.4 | 17.3 | 12.3 | 8.5 | 6.0 | 4.0 | 2.0 | |
| 30 | 1.7 | 2.3 | 4.3 | 6.8 | 11.0 | 21.9 | 49.9 | 82.6 | 82.6 | 49.9 | 21.9 | 11.0 | 6.8 | 4.3 | 2.3 | 1.7 |
| 20 | | 2.4 | 4.6 | 7.5 | 14.6 | 46.5 | 165.3 | 355.9 | 355.9 | 165.3 | 46.5 | 14.6 | 7.5 | 4.6 | 2.4 | |
| 10 | 1.8 | 2.5 | 4.7 | 7.9 | 17.7 | 76.7 | 359.2 | 1551.9 | 1551.9 | 359.2 | 76.7 | 17.7 | 7.9 | 4.7 | 2.5 | 1.8 |
| 0 | | 2.5 | 4.7 | 7.9 | 17.7 | 76.7 | 359.2 | 1551.9 | 1551.9 | 359.2 | 76.7 | 17.7 | 7.9 | 4.7 | 2.5 | |
| -10 | 1.7 | 2.4 | 4.6 | 7.5 | 14.6 | 46.5 | 165.3 | 355.9 | 355.9 | 165.3 | 46.5 | 14.6 | 7.5 | 4.6 | 2.4 | 1.7 |
| -20 | | 2.3 | 4.3 | 6.8 | 11.0 | 21.9 | 49.9 | 82.6 | 82.6 | 49.9 | 21.9 | 11.0 | 6.8 | 4.3 | 2.3 | |
| -30 | 1.3 | 2.0 | 4.0 | 6.0 | 8.5 | 12.3 | 17.3 | 21.4 | 21.4 | 17.3 | 12.3 | 8.5 | 6.0 | 4.0 | 2.0 | 1.3 |
| -40 | | 1.7 | 3.4 | 5.2 | 6.9 | 8.7 | 10.3 | 11.1 | 11.1 | 10.3 | 8.7 | 6.9 | 5.2 | 3.4 | 1.7 | |
| -50 | 0.7 | 1.3 | 2.6 | 4.2 | 5.7 | 6.9 | 7.7 | 8.1 | 8.1 | 7.7 | 6.9 | 5.7 | 4.2 | 2.6 | 1.3 | 0.7 |
| -60 | | 0.8 | 1.7 | 2.8 | 4.0 | 4.9 | 5.5 | 5.8 | 5.8 | 5.5 | 4.9 | 4.0 | 2.8 | 1.7 | 0.8 | |
| -70 | 0.2 | 1.6 | 4.3 | 7.0 | 7.6 | 7.0 | 4.3 | 1.6 | 0.2 | | | | | | | |
| -80 | | 0.2 | 1.6 | 4.3 | 7.0 | 7.6 | 7.0 | 4.3 | 1.6 | 0.2 | | | | | | |
| -90 | 0.2 | 1.6 | 4.3 | 7.0 | 7.6 | 7.0 | 4.3 | 1.6 | 0.2 | | | | | | | |

REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-XX

Luminous Intensity Polar Plot

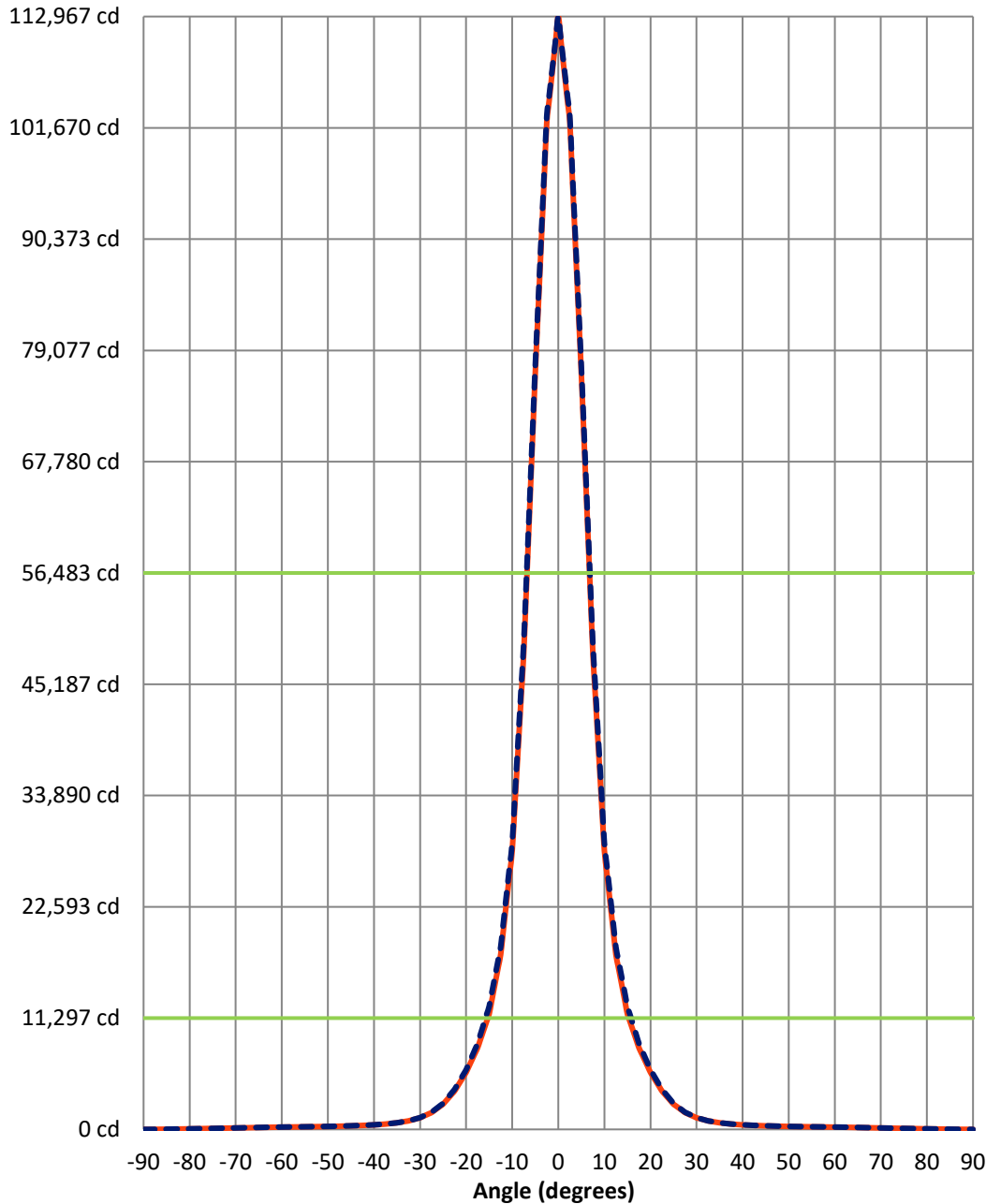


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 3546.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 7981.1
 Efficiency: 66.5%

Spill:
 Lumens: 4014.3
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 |
| 85° | 0.0 | 0.7 | 1.7 | 2.5 | 3.4 | 4.2 | 5.0 | 5.8 | 6.6 | 7.4 | 8.2 |
| 82.5° | 0.0 | 1.1 | 2.5 | 3.8 | 5.0 | 6.3 | 7.5 | 8.7 | 10.0 | 11.8 | 13.5 |
| 80° | 0.0 | 1.5 | 3.4 | 5.0 | 6.7 | 8.4 | 10.1 | 12.6 | 14.9 | 17.3 | 19.6 |
| 77.5° | 0.0 | 1.8 | 4.2 | 6.3 | 8.4 | 10.7 | 13.8 | 16.8 | 19.8 | 22.8 | 25.9 |
| 75° | 0.0 | 2.2 | 5.0 | 7.5 | 10.1 | 13.6 | 17.4 | 21.1 | 24.7 | 28.8 | 32.9 |
| 72.5° | 0.0 | 2.5 | 5.8 | 8.7 | 12.3 | 16.5 | 21.0 | 25.5 | 30.3 | 35.1 | 39.8 |
| 70° | 0.0 | 2.9 | 6.5 | 10.0 | 14.5 | 19.3 | 24.5 | 30.3 | 35.8 | 41.3 | 47.4 |
| 67.5° | 0.0 | 3.2 | 7.3 | 11.5 | 16.6 | 22.0 | 28.6 | 35.1 | 41.3 | 48.2 | 55.1 |
| 65° | 0.0 | 3.5 | 8.0 | 13.0 | 18.6 | 25.0 | 32.5 | 39.8 | 47.4 | 55.1 | 63.2 |
| 62.5° | 0.0 | 3.9 | 8.7 | 14.5 | 20.6 | 28.2 | 36.4 | 44.8 | 53.4 | 62.1 | 72.3 |
| 60° | 0.0 | 4.2 | 9.4 | 15.9 | 22.6 | 31.4 | 40.2 | 50.0 | 59.3 | 70.0 | 81.2 |
| 57.5° | 0.0 | 4.5 | 10.2 | 17.3 | 25.0 | 34.5 | 44.4 | 55.0 | 65.8 | 77.5 | 89.7 |
| 55° | 0.0 | 4.8 | 11.1 | 18.6 | 27.4 | 37.5 | 48.5 | 59.8 | 72.2 | 84.8 | 97.9 |
| 52.5° | 0.0 | 5.0 | 11.9 | 19.8 | 29.7 | 40.4 | 52.5 | 65.0 | 78.3 | 91.8 | 105.8 |
| 50° | 0.0 | 5.3 | 12.7 | 21.1 | 32.0 | 43.7 | 56.4 | 70.1 | 84.2 | 98.5 | 113.4 |
| 47.5° | 0.0 | 5.5 | 13.5 | 22.3 | 34.1 | 46.8 | 60.2 | 75.1 | 89.8 | 104.9 | 120.8 |
| 45° | 0.0 | 5.8 | 14.3 | 23.9 | 36.2 | 49.8 | 64.2 | 79.8 | 95.2 | 111.4 | 128.0 |
| 42.5° | 0.0 | 6.0 | 15.0 | 25.4 | 38.2 | 52.6 | 68.1 | 84.3 | 100.4 | 117.8 | 135.1 |
| 40° | 0.0 | 6.2 | 15.7 | 26.8 | 40.2 | 55.3 | 71.8 | 88.6 | 105.5 | 123.9 | 141.9 |
| 37.5° | 0.0 | 6.4 | 16.4 | 28.2 | 42.2 | 57.9 | 75.2 | 92.7 | 110.5 | 129.6 | 148.6 |
| 35° | 0.0 | 6.5 | 17.0 | 29.5 | 44.1 | 60.5 | 78.5 | 96.5 | 115.2 | 134.9 | 154.9 |
| 32.5° | 0.0 | 6.7 | 17.7 | 30.7 | 45.9 | 63.0 | 81.6 | 100.1 | 119.6 | 140.0 | 160.5 |
| 30° | 0.0 | 6.8 | 18.2 | 31.9 | 47.6 | 65.4 | 84.5 | 103.5 | 123.5 | 144.6 | 165.5 |
| 27.5° | 0.0 | 7.0 | 18.8 | 32.9 | 49.3 | 67.6 | 87.1 | 106.7 | 127.2 | 148.9 | 170.1 |
| 25° | 0.0 | 7.1 | 19.3 | 33.9 | 50.8 | 69.6 | 89.5 | 109.6 | 130.6 | 152.7 | 174.1 |
| 22.5° | 0.0 | 7.2 | 19.7 | 34.8 | 52.1 | 71.4 | 91.7 | 112.2 | 133.7 | 156.0 | 177.6 |
| 20° | 0.0 | 7.2 | 20.1 | 35.6 | 53.4 | 73.0 | 93.7 | 114.4 | 136.5 | 158.8 | 180.7 |
| 17.5° | 0.0 | 7.3 | 20.5 | 36.3 | 54.5 | 74.3 | 95.3 | 116.3 | 138.9 | 161.2 | 183.5 |
| 15° | 0.0 | 7.4 | 20.9 | 37.0 | 55.4 | 75.4 | 96.6 | 118.0 | 140.9 | 163.1 | 185.9 |
| 12.5° | 0.0 | 7.4 | 21.1 | 37.5 | 56.2 | 76.3 | 97.7 | 119.6 | 142.6 | 164.6 | 187.9 |
| 10° | 0.0 | 7.4 | 21.4 | 37.9 | 56.9 | 77.0 | 98.5 | 120.9 | 144.0 | 166.2 | 189.8 |
| 7.5° | 0.0 | 7.4 | 21.6 | 38.3 | 57.4 | 77.4 | 99.1 | 122.0 | 144.9 | 167.6 | 192.1 |
| 5° | 0.0 | 7.4 | 21.7 | 38.5 | 57.8 | 77.6 | 99.4 | 122.8 | 145.4 | 168.6 | 193.8 |
| 2.5° | 0.0 | 7.3 | 21.8 | 38.7 | 58.0 | 77.7 | 99.4 | 123.2 | 145.5 | 169.2 | 195.2 |
| 0° | 0.0 | 7.3 | 21.8 | 38.7 | 58.1 | 77.5 | 99.2 | 123.4 | 145.2 | 169.4 | 196.0 |
| -2.5° | 0.0 | 7.3 | 21.8 | 38.7 | 58.0 | 77.7 | 99.4 | 123.2 | 145.5 | 169.2 | 195.2 |
| -5° | 0.0 | 7.4 | 21.7 | 38.5 | 57.8 | 77.6 | 99.4 | 122.8 | 145.4 | 168.6 | 193.8 |
| -7.5° | 0.0 | 7.4 | 21.6 | 38.3 | 57.4 | 77.4 | 99.1 | 122.0 | 144.9 | 167.6 | 192.1 |
| -10° | 0.0 | 7.4 | 21.4 | 37.9 | 56.9 | 77.0 | 98.5 | 120.9 | 144.0 | 166.2 | 189.8 |
| -12.5° | 0.0 | 7.4 | 21.1 | 37.5 | 56.2 | 76.3 | 97.7 | 119.6 | 142.6 | 164.6 | 187.9 |
| -15° | 0.0 | 7.4 | 20.9 | 37.0 | 55.4 | 75.4 | 96.6 | 118.0 | 140.9 | 163.1 | 185.9 |
| -17.5° | 0.0 | 7.3 | 20.5 | 36.3 | 54.5 | 74.3 | 95.3 | 116.3 | 138.9 | 161.2 | 183.5 |
| -20° | 0.0 | 7.2 | 20.1 | 35.6 | 53.4 | 73.0 | 93.7 | 114.4 | 136.5 | 158.8 | 180.7 |

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Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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 | 7.2 | 19.7 | 34.8 | 52.1 | 71.4 | 91.7 | 112.2 | 133.7 | 156.0 | 177.6 |
| -25° | 0.0 | 7.1 | 19.3 | 33.9 | 50.8 | 69.6 | 89.5 | 109.6 | 130.6 | 152.7 | 174.1 |
| -27.5° | 0.0 | 7.0 | 18.8 | 32.9 | 49.3 | 67.6 | 87.1 | 106.7 | 127.2 | 148.9 | 170.1 |
| -30° | 0.0 | 6.8 | 18.2 | 31.9 | 47.6 | 65.4 | 84.5 | 103.5 | 123.5 | 144.6 | 165.5 |
| -32.5° | 0.0 | 6.7 | 17.7 | 30.7 | 45.9 | 63.0 | 81.6 | 100.1 | 119.6 | 140.0 | 160.5 |
| -35° | 0.0 | 6.5 | 17.0 | 29.5 | 44.1 | 60.5 | 78.5 | 96.5 | 115.2 | 134.9 | 154.9 |
| -37.5° | 0.0 | 6.4 | 16.4 | 28.2 | 42.2 | 57.9 | 75.2 | 92.7 | 110.5 | 129.6 | 148.6 |
| -40° | 0.0 | 6.2 | 15.7 | 26.8 | 40.2 | 55.3 | 71.8 | 88.6 | 105.5 | 123.9 | 141.9 |
| -42.5° | 0.0 | 6.0 | 15.0 | 25.4 | 38.2 | 52.6 | 68.1 | 84.3 | 100.4 | 117.8 | 135.1 |
| -45° | 0.0 | 5.8 | 14.3 | 23.9 | 36.2 | 49.8 | 64.2 | 79.8 | 95.2 | 111.4 | 128.0 |
| -47.5° | 0.0 | 5.5 | 13.5 | 22.3 | 34.1 | 46.8 | 60.2 | 75.1 | 89.8 | 104.9 | 120.8 |
| -50° | 0.0 | 5.3 | 12.7 | 21.1 | 32.0 | 43.7 | 56.4 | 70.1 | 84.2 | 98.5 | 113.4 |
| -52.5° | 0.0 | 5.0 | 11.9 | 19.8 | 29.7 | 40.4 | 52.5 | 65.0 | 78.3 | 91.8 | 105.8 |
| -55° | 0.0 | 4.8 | 11.1 | 18.6 | 27.4 | 37.5 | 48.5 | 59.8 | 72.2 | 84.8 | 97.9 |
| -57.5° | 0.0 | 4.5 | 10.2 | 17.3 | 25.0 | 34.5 | 44.4 | 55.0 | 65.8 | 77.5 | 89.7 |
| -60° | 0.0 | 4.2 | 9.4 | 15.9 | 22.6 | 31.4 | 40.2 | 50.0 | 59.3 | 70.0 | 81.2 |
| -62.5° | 0.0 | 3.9 | 8.7 | 14.5 | 20.6 | 28.2 | 36.4 | 44.8 | 53.4 | 62.1 | 72.3 |
| -65° | 0.0 | 3.5 | 8.0 | 13.0 | 18.6 | 25.0 | 32.5 | 39.8 | 47.4 | 55.1 | 63.2 |
| -67.5° | 0.0 | 3.2 | 7.3 | 11.5 | 16.6 | 22.0 | 28.6 | 35.1 | 41.3 | 48.2 | 55.1 |
| -70° | 0.0 | 2.9 | 6.5 | 10.0 | 14.5 | 19.3 | 24.5 | 30.3 | 35.8 | 41.3 | 47.4 |
| -72.5° | 0.0 | 2.5 | 5.8 | 8.7 | 12.3 | 16.5 | 21.0 | 25.5 | 30.3 | 35.1 | 39.8 |
| -75° | 0.0 | 2.2 | 5.0 | 7.5 | 10.1 | 13.6 | 17.4 | 21.1 | 24.7 | 28.8 | 32.9 |
| -77.5° | 0.0 | 1.8 | 4.2 | 6.3 | 8.4 | 10.7 | 13.8 | 16.8 | 19.8 | 22.8 | 25.9 |
| -80° | 0.0 | 1.5 | 3.4 | 5.0 | 6.7 | 8.4 | 10.1 | 12.6 | 14.9 | 17.3 | 19.6 |
| -82.5° | 0.0 | 1.1 | 2.5 | 3.8 | 5.0 | 6.3 | 7.5 | 8.7 | 10.0 | 11.8 | 13.5 |
| -85° | 0.0 | 0.7 | 1.7 | 2.5 | 3.4 | 4.2 | 5.0 | 5.8 | 6.6 | 7.4 | 8.2 |
| -87.5° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 |
| -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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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° | 4.5 | 4.8 | 5.2 | 5.6 | 5.9 | 6.2 | 6.6 | 6.9 | 7.2 | 7.4 | 7.7 |
| 85° | 8.9 | 9.7 | 10.8 | 11.8 | 12.7 | 13.5 | 14.2 | 14.7 | 15.7 | 16.8 | 17.8 |
| 82.5° | 15.2 | 16.9 | 18.5 | 20.1 | 21.2 | 22.1 | 22.9 | 24.1 | 26.3 | 28.3 | 30.2 |
| 80° | 21.9 | 24.1 | 26.6 | 29.0 | 31.1 | 33.2 | 35.4 | 37.7 | 40.0 | 42.2 | 44.3 |
| 77.5° | 29.2 | 32.4 | 35.5 | 38.6 | 41.7 | 45.0 | 48.1 | 51.2 | 54.2 | 57.0 | 59.6 |
| 75° | 36.8 | 40.7 | 44.9 | 49.1 | 53.2 | 57.2 | 61.1 | 65.3 | 69.2 | 73.0 | 76.6 |
| 72.5° | 44.8 | 50.0 | 55.1 | 60.0 | 65.3 | 70.5 | 75.5 | 80.4 | 85.1 | 90.0 | 95.2 |
| 70° | 53.4 | 59.3 | 65.9 | 72.2 | 78.1 | 84.3 | 90.5 | 95.9 | 101.0 | 107.7 | 114.7 |
| 67.5° | 62.2 | 70.2 | 77.6 | 84.7 | 92.6 | 99.9 | 106.2 | 113.0 | 120.3 | 128.1 | 135.0 |
| 65° | 72.6 | 81.2 | 89.8 | 98.8 | 107.9 | 115.5 | 123.5 | 131.9 | 140.1 | 147.9 | 155.3 |
| 62.5° | 82.8 | 92.6 | 102.5 | 112.3 | 121.6 | 130.8 | 140.3 | 149.7 | 158.7 | 167.8 | 175.8 |
| 60° | 92.7 | 103.8 | 114.2 | 124.4 | 135.1 | 146.4 | 157.0 | 167.3 | 178.2 | 188.5 | 193.9 |
| 57.5° | 102.2 | 114.0 | 125.0 | 136.4 | 148.9 | 161.7 | 172.8 | 184.6 | 193.9 | 201.0 | 208.0 |
| 55° | 111.2 | 123.5 | 135.5 | 148.3 | 161.9 | 175.2 | 187.6 | 198.0 | 206.6 | 213.2 | 220.6 |
| 52.5° | 119.6 | 132.5 | 145.6 | 159.6 | 174.0 | 188.2 | 201.1 | 211.0 | 218.7 | 225.4 | 232.4 |
| 50° | 127.8 | 141.4 | 155.2 | 170.6 | 186.0 | 201.1 | 213.8 | 222.8 | 230.1 | 237.0 | 244.1 |
| 47.5° | 135.9 | 150.2 | 165.0 | 181.5 | 198.2 | 212.7 | 224.8 | 233.0 | 240.3 | 248.4 | 256.3 |
| 45° | 143.8 | 159.3 | 175.0 | 192.7 | 209.4 | 223.5 | 233.7 | 241.9 | 251.0 | 259.8 | 268.1 |
| 42.5° | 151.6 | 168.3 | 185.3 | 203.6 | 219.8 | 232.5 | 242.0 | 251.8 | 261.6 | 270.8 | 280.3 |
| 40° | 159.4 | 176.9 | 195.0 | 213.2 | 229.5 | 240.4 | 250.5 | 261.0 | 271.7 | 281.9 | 292.4 |
| 37.5° | 166.9 | 185.0 | 203.6 | 222.0 | 236.9 | 248.0 | 258.4 | 270.0 | 281.3 | 292.4 | 306.0 |
| 35° | 174.0 | 192.4 | 211.2 | 229.0 | 243.3 | 254.7 | 266.4 | 278.6 | 290.5 | 304.8 | 320.3 |
| 32.5° | 180.4 | 199.0 | 218.1 | 234.6 | 248.6 | 261.0 | 274.1 | 286.8 | 301.1 | 317.2 | 335.9 |
| 30° | 185.8 | 204.8 | 223.9 | 240.1 | 253.8 | 266.9 | 281.1 | 295.2 | 311.8 | 331.3 | 353.5 |
| 27.5° | 190.5 | 210.1 | 228.6 | 244.8 | 258.7 | 271.7 | 286.8 | 304.4 | 323.6 | 345.4 | 371.5 |
| 25° | 194.9 | 215.3 | 233.0 | 249.1 | 262.6 | 276.2 | 292.3 | 311.8 | 335.0 | 361.2 | 393.1 |
| 22.5° | 199.1 | 220.4 | 237.5 | 253.2 | 265.7 | 280.4 | 298.5 | 319.8 | 344.9 | 375.7 | 414.4 |
| 20° | 203.0 | 224.2 | 241.1 | 256.4 | 268.0 | 284.0 | 304.0 | 326.7 | 355.3 | 391.9 | 436.7 |
| 17.5° | 206.7 | 227.4 | 243.9 | 258.3 | 271.0 | 287.9 | 308.8 | 332.4 | 364.2 | 406.6 | 457.3 |
| 15° | 210.0 | 230.1 | 246.1 | 259.8 | 273.7 | 292.0 | 313.8 | 339.3 | 374.2 | 420.7 | 475.5 |
| 12.5° | 213.0 | 232.3 | 247.9 | 261.0 | 275.9 | 295.3 | 318.3 | 346.6 | 384.8 | 434.6 | 498.5 |
| 10° | 215.5 | 234.0 | 249.1 | 261.8 | 277.5 | 297.8 | 322.0 | 352.5 | 393.3 | 445.3 | 516.3 |
| 7.5° | 217.6 | 235.3 | 249.9 | 262.3 | 278.6 | 299.6 | 324.9 | 357.1 | 399.3 | 452.9 | 529.1 |
| 5° | 219.1 | 236.3 | 250.9 | 263.7 | 280.2 | 300.9 | 327.1 | 360.2 | 402.8 | 457.4 | 537.0 |
| 2.5° | 220.0 | 237.0 | 251.5 | 265.2 | 282.0 | 302.1 | 328.7 | 363.5 | 405.6 | 461.8 | 543.1 |
| 0° | 220.3 | 237.2 | 251.7 | 266.2 | 283.2 | 302.5 | 329.2 | 365.5 | 406.6 | 464.7 | 547.0 |
| -2.5° | 220.0 | 237.0 | 251.5 | 265.2 | 282.0 | 302.1 | 328.7 | 363.5 | 405.6 | 461.8 | 543.1 |
| -5° | 219.1 | 236.3 | 250.9 | 263.7 | 280.2 | 300.9 | 327.1 | 360.2 | 402.8 | 457.4 | 537.0 |
| -7.5° | 217.6 | 235.3 | 249.9 | 262.3 | 278.6 | 299.6 | 324.9 | 357.1 | 399.3 | 452.9 | 529.1 |
| -10° | 215.5 | 234.0 | 249.1 | 261.8 | 277.5 | 297.8 | 322.0 | 352.5 | 393.3 | 445.3 | 516.3 |
| -12.5° | 213.0 | 232.3 | 247.9 | 261.0 | 275.9 | 295.3 | 318.3 | 346.6 | 384.8 | 434.6 | 498.5 |
| -15° | 210.0 | 230.1 | 246.1 | 259.8 | 273.7 | 292.0 | 313.8 | 339.3 | 374.2 | 420.7 | 475.5 |
| -17.5° | 206.7 | 227.4 | 243.9 | 258.3 | 271.0 | 287.9 | 308.8 | 332.4 | 364.2 | 406.6 | 457.3 |
| -20° | 203.0 | 224.2 | 241.1 | 256.4 | 268.0 | 284.0 | 304.0 | 326.7 | 355.3 | 391.9 | 436.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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° | 199.1 | 220.4 | 237.5 | 253.2 | 265.7 | 280.4 | 298.5 | 319.8 | 344.9 | 375.7 | 414.4 |
| -25° | 194.9 | 215.3 | 233.0 | 249.1 | 262.6 | 276.2 | 292.3 | 311.8 | 335.0 | 361.2 | 393.1 |
| -27.5° | 190.5 | 210.1 | 228.6 | 244.8 | 258.7 | 271.7 | 286.8 | 304.4 | 323.6 | 345.4 | 371.5 |
| -30° | 185.8 | 204.8 | 223.9 | 240.1 | 253.8 | 266.9 | 281.1 | 295.2 | 311.8 | 331.3 | 353.5 |
| -32.5° | 180.4 | 199.0 | 218.1 | 234.6 | 248.6 | 261.0 | 274.1 | 286.8 | 301.1 | 317.2 | 335.9 |
| -35° | 174.0 | 192.4 | 211.2 | 229.0 | 243.3 | 254.7 | 266.4 | 278.6 | 290.5 | 304.8 | 320.3 |
| -37.5° | 166.9 | 185.0 | 203.6 | 222.0 | 236.9 | 248.0 | 258.4 | 270.0 | 281.3 | 292.4 | 306.0 |
| -40° | 159.4 | 176.9 | 195.0 | 213.2 | 229.5 | 240.4 | 250.5 | 261.0 | 271.7 | 281.9 | 292.4 |
| -42.5° | 151.6 | 168.3 | 185.3 | 203.6 | 219.8 | 232.5 | 242.0 | 251.8 | 261.6 | 270.8 | 280.3 |
| -45° | 143.8 | 159.3 | 175.0 | 192.7 | 209.4 | 223.5 | 233.7 | 241.9 | 251.0 | 259.8 | 268.1 |
| -47.5° | 135.9 | 150.2 | 165.0 | 181.5 | 198.2 | 212.7 | 224.8 | 233.0 | 240.3 | 248.4 | 256.3 |
| -50° | 127.8 | 141.4 | 155.2 | 170.6 | 186.0 | 201.1 | 213.8 | 222.8 | 230.1 | 237.0 | 244.1 |
| -52.5° | 119.6 | 132.5 | 145.6 | 159.6 | 174.0 | 188.2 | 201.1 | 211.0 | 218.7 | 225.4 | 232.4 |
| -55° | 111.2 | 123.5 | 135.5 | 148.3 | 161.9 | 175.2 | 187.6 | 198.0 | 206.6 | 213.2 | 220.6 |
| -57.5° | 102.2 | 114.0 | 125.0 | 136.4 | 148.9 | 161.7 | 172.8 | 184.6 | 193.9 | 201.0 | 208.0 |
| -60° | 92.7 | 103.8 | 114.2 | 124.4 | 135.1 | 146.4 | 157.0 | 167.3 | 178.2 | 188.5 | 193.9 |
| -62.5° | 82.8 | 92.6 | 102.5 | 112.3 | 121.6 | 130.8 | 140.3 | 149.7 | 158.7 | 167.8 | 175.8 |
| -65° | 72.6 | 81.2 | 89.8 | 98.8 | 107.9 | 115.5 | 123.5 | 131.9 | 140.1 | 147.9 | 155.3 |
| -67.5° | 62.2 | 70.2 | 77.6 | 84.7 | 92.6 | 99.9 | 106.2 | 113.0 | 120.3 | 128.1 | 135.0 |
| -70° | 53.4 | 59.3 | 65.9 | 72.2 | 78.1 | 84.3 | 90.5 | 95.9 | 101.0 | 107.7 | 114.7 |
| -72.5° | 44.8 | 50.0 | 55.1 | 60.0 | 65.3 | 70.5 | 75.5 | 80.4 | 85.1 | 90.0 | 95.2 |
| -75° | 36.8 | 40.7 | 44.9 | 49.1 | 53.2 | 57.2 | 61.1 | 65.3 | 69.2 | 73.0 | 76.6 |
| -77.5° | 29.2 | 32.4 | 35.5 | 38.6 | 41.7 | 45.0 | 48.1 | 51.2 | 54.2 | 57.0 | 59.6 |
| -80° | 21.9 | 24.1 | 26.6 | 29.0 | 31.1 | 33.2 | 35.4 | 37.7 | 40.0 | 42.2 | 44.3 |
| -82.5° | 15.2 | 16.9 | 18.5 | 20.1 | 21.2 | 22.1 | 22.9 | 24.1 | 26.3 | 28.3 | 30.2 |
| -85° | 8.9 | 9.7 | 10.8 | 11.8 | 12.7 | 13.5 | 14.2 | 14.7 | 15.7 | 16.8 | 17.8 |
| -87.5° | 4.5 | 4.8 | 5.2 | 5.6 | 5.9 | 6.2 | 6.6 | 6.9 | 7.2 | 7.4 | 7.7 |
| -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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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° | 7.9 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.1 | 9.3 | 9.4 | 8.9 | 8.4 |
| 85° | 18.9 | 19.6 | 20.3 | 20.9 | 21.5 | 22.0 | 22.4 | 22.9 | 23.2 | 22.9 | 22.6 |
| 82.5° | 31.9 | 33.1 | 34.3 | 35.3 | 36.3 | 37.2 | 38.0 | 38.7 | 39.4 | 39.3 | 39.1 |
| 80° | 46.4 | 48.4 | 50.5 | 52.6 | 54.6 | 55.8 | 56.7 | 57.4 | 57.9 | 58.1 | 58.1 |
| 77.5° | 62.4 | 65.6 | 68.9 | 72.2 | 75.4 | 77.3 | 78.6 | 79.7 | 80.6 | 80.8 | 80.6 |
| 75° | 80.0 | 84.2 | 88.7 | 92.7 | 96.2 | 98.3 | 99.8 | 101.1 | 102.1 | 102.3 | 102.2 |
| 72.5° | 100.6 | 105.7 | 109.8 | 113.2 | 116.1 | 118.4 | 120.2 | 121.8 | 123.1 | 123.6 | 123.7 |
| 70° | 120.8 | 125.8 | 129.7 | 133.2 | 136.0 | 138.4 | 140.7 | 142.6 | 144.1 | 145.3 | 146.1 |
| 67.5° | 141.3 | 147.0 | 151.0 | 154.2 | 156.6 | 159.1 | 162.1 | 164.6 | 166.8 | 168.2 | 168.9 |
| 65° | 162.3 | 168.2 | 172.1 | 175.5 | 178.5 | 181.7 | 185.0 | 187.4 | 188.9 | 189.9 | 190.6 |
| 62.5° | 182.7 | 188.2 | 193.1 | 197.6 | 201.9 | 205.5 | 207.8 | 209.8 | 211.5 | 213.0 | 214.1 |
| 60° | 200.1 | 207.2 | 212.7 | 217.0 | 221.2 | 225.3 | 228.1 | 230.3 | 232.0 | 233.3 | 234.0 |
| 57.5° | 215.1 | 222.3 | 228.7 | 232.9 | 237.5 | 242.4 | 245.6 | 247.5 | 249.2 | 250.6 | 251.3 |
| 55° | 228.2 | 234.8 | 240.7 | 246.4 | 251.6 | 256.0 | 259.4 | 261.9 | 264.0 | 265.7 | 266.2 |
| 52.5° | 239.9 | 247.2 | 254.1 | 260.2 | 265.2 | 269.4 | 272.8 | 275.9 | 278.2 | 279.8 | 280.6 |
| 50° | 252.3 | 260.1 | 267.5 | 274.1 | 279.3 | 284.0 | 288.2 | 291.8 | 295.3 | 298.1 | 300.1 |
| 47.5° | 264.4 | 272.7 | 280.9 | 288.2 | 294.4 | 301.2 | 307.4 | 312.5 | 317.6 | 321.7 | 324.6 |
| 45° | 276.6 | 286.2 | 295.2 | 304.6 | 313.0 | 321.9 | 330.2 | 337.3 | 344.7 | 350.3 | 354.0 |
| 42.5° | 290.2 | 301.1 | 311.8 | 323.6 | 335.1 | 346.7 | 359.3 | 370.6 | 379.2 | 387.3 | 393.9 |
| 40° | 304.8 | 317.2 | 331.3 | 345.7 | 362.6 | 378.0 | 394.9 | 409.4 | 422.5 | 436.4 | 447.4 |
| 37.5° | 320.3 | 335.9 | 354.3 | 373.6 | 395.5 | 416.5 | 438.6 | 460.2 | 479.2 | 501.5 | 518.6 |
| 35° | 337.5 | 358.4 | 381.0 | 407.1 | 434.3 | 464.5 | 494.6 | 529.5 | 559.5 | 592.5 | 621.3 |
| 32.5° | 357.8 | 382.7 | 412.4 | 446.8 | 481.8 | 527.5 | 570.2 | 625.7 | 673.7 | 726.1 | 778.8 |
| 30° | 378.8 | 411.2 | 449.6 | 492.9 | 548.6 | 611.4 | 681.5 | 764.0 | 849.2 | 931.5 | 1030.9 |
| 27.5° | 404.6 | 443.8 | 490.3 | 553.6 | 635.6 | 720.5 | 840.9 | 964.9 | 1121.3 | 1250.8 | 1433.2 |
| 25° | 431.5 | 477.7 | 543.7 | 629.8 | 736.8 | 884.2 | 1066.9 | 1265.0 | 1540.3 | 1782.2 | 2065.9 |
| 22.5° | 460.8 | 523.2 | 605.3 | 711.5 | 873.7 | 1100.0 | 1376.7 | 1749.6 | 2155.7 | 2586.8 | 3015.7 |
| 20° | 491.3 | 566.8 | 674.4 | 828.4 | 1051.0 | 1357.4 | 1832.5 | 2408.1 | 2988.2 | 3699.6 | 4329.6 |
| 17.5° | 526.7 | 622.7 | 755.3 | 947.9 | 1244.9 | 1714.3 | 2373.3 | 3177.0 | 4077.1 | 5099.8 | 6008.0 |
| 15° | 556.2 | 670.7 | 838.0 | 1107.5 | 1516.0 | 2118.8 | 2949.9 | 4055.5 | 5407.9 | 6781.6 | 8175.3 |
| 12.5° | 590.4 | 722.8 | 919.3 | 1240.7 | 1753.8 | 2554.8 | 3686.0 | 5085.4 | 6774.5 | 8679.9 | 10926.0 |
| 10° | 620.7 | 774.0 | 1018.3 | 1416.1 | 2043.1 | 3009.5 | 4382.5 | 6066.0 | 8245.8 | 10987.2 | 14465.5 |
| 7.5° | 643.2 | 814.7 | 1094.7 | 1549.6 | 2293.2 | 3446.8 | 5040.5 | 7139.9 | 9909.6 | 13529.6 | 18303.3 |
| 5° | 657.8 | 844.2 | 1148.8 | 1652.6 | 2489.0 | 3772.2 | 5522.7 | 7901.5 | 11243.0 | 16362.8 | 24446.5 |
| 2.5° | 666.5 | 861.6 | 1179.6 | 1713.0 | 2608.1 | 3987.7 | 5889.6 | 8477.4 | 12107.1 | 18113.7 | 28397.7 |
| 0° | 670.4 | 866.5 | 1198.1 | 1745.1 | 2647.8 | 4071.0 | 6058.1 | 8739.8 | 12493.8 | 18522.8 | 29092.4 |
| -2.5° | 666.5 | 861.6 | 1179.6 | 1713.0 | 2608.1 | 3987.7 | 5889.6 | 8477.4 | 12107.1 | 18113.7 | 28397.7 |
| -5° | 657.8 | 844.2 | 1148.8 | 1652.6 | 2489.0 | 3772.2 | 5522.7 | 7901.5 | 11243.0 | 16362.8 | 24446.5 |
| -7.5° | 643.2 | 814.7 | 1094.7 | 1549.6 | 2293.2 | 3446.8 | 5040.5 | 7139.9 | 9909.6 | 13529.6 | 18303.3 |
| -10° | 620.7 | 774.0 | 1018.3 | 1416.1 | 2043.1 | 3009.5 | 4382.5 | 6066.0 | 8245.8 | 10987.2 | 14465.5 |
| -12.5° | 590.4 | 722.8 | 919.3 | 1240.7 | 1753.8 | 2554.8 | 3686.0 | 5085.4 | 6774.5 | 8679.9 | 10926.0 |
| -15° | 556.2 | 670.7 | 838.0 | 1107.5 | 1516.0 | 2118.8 | 2949.9 | 4055.5 | 5407.9 | 6781.6 | 8175.3 |
| -17.5° | 526.7 | 622.7 | 755.3 | 947.9 | 1244.9 | 1714.3 | 2373.3 | 3177.0 | 4077.1 | 5099.8 | 6008.0 |
| -20° | 491.3 | 566.8 | 674.4 | 828.4 | 1051.0 | 1357.4 | 1832.5 | 2408.1 | 2988.2 | 3699.6 | 4329.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 460.8 | 523.2 | 605.3 | 711.5 | 873.7 | 1100.0 | 1376.7 | 1749.6 | 2155.7 | 2586.8 | 3015.7 |
| -25° | 431.5 | 477.7 | 543.7 | 629.8 | 736.8 | 884.2 | 1066.9 | 1265.0 | 1540.3 | 1782.2 | 2065.9 |
| -27.5° | 404.6 | 443.8 | 490.3 | 553.6 | 635.6 | 720.5 | 840.9 | 964.9 | 1121.3 | 1250.8 | 1433.2 |
| -30° | 378.8 | 411.2 | 449.6 | 492.9 | 548.6 | 611.4 | 681.5 | 764.0 | 849.2 | 931.5 | 1030.9 |
| -32.5° | 357.8 | 382.7 | 412.4 | 446.8 | 481.8 | 527.5 | 570.2 | 625.7 | 673.7 | 726.1 | 778.8 |
| -35° | 337.5 | 358.4 | 381.0 | 407.1 | 434.3 | 464.5 | 494.6 | 529.5 | 559.5 | 592.5 | 621.3 |
| -37.5° | 320.3 | 335.9 | 354.3 | 373.6 | 395.5 | 416.5 | 438.6 | 460.2 | 479.2 | 501.5 | 518.6 |
| -40° | 304.8 | 317.2 | 331.3 | 345.7 | 362.6 | 378.0 | 394.9 | 409.4 | 422.5 | 436.4 | 447.4 |
| -42.5° | 290.2 | 301.1 | 311.8 | 323.6 | 335.1 | 346.7 | 359.3 | 370.6 | 379.2 | 387.3 | 393.9 |
| -45° | 276.6 | 286.2 | 295.2 | 304.6 | 313.0 | 321.9 | 330.2 | 337.3 | 344.7 | 350.3 | 354.0 |
| -47.5° | 264.4 | 272.7 | 280.9 | 288.2 | 294.4 | 301.2 | 307.4 | 312.5 | 317.6 | 321.7 | 324.6 |
| -50° | 252.3 | 260.1 | 267.5 | 274.1 | 279.3 | 284.0 | 288.2 | 291.8 | 295.3 | 298.1 | 300.1 |
| -52.5° | 239.9 | 247.2 | 254.1 | 260.2 | 265.2 | 269.4 | 272.8 | 275.9 | 278.2 | 279.8 | 280.6 |
| -55° | 228.2 | 234.8 | 240.7 | 246.4 | 251.6 | 256.0 | 259.4 | 261.9 | 264.0 | 265.7 | 266.2 |
| -57.5° | 215.1 | 222.3 | 228.7 | 232.9 | 237.5 | 242.4 | 245.6 | 247.5 | 249.2 | 250.6 | 251.3 |
| -60° | 200.1 | 207.2 | 212.7 | 217.0 | 221.2 | 225.3 | 228.1 | 230.3 | 232.0 | 233.3 | 234.0 |
| -62.5° | 182.7 | 188.2 | 193.1 | 197.6 | 201.9 | 205.5 | 207.8 | 209.8 | 211.5 | 213.0 | 214.1 |
| -65° | 162.3 | 168.2 | 172.1 | 175.5 | 178.5 | 181.7 | 185.0 | 187.4 | 188.9 | 189.9 | 190.6 |
| -67.5° | 141.3 | 147.0 | 151.0 | 154.2 | 156.6 | 159.1 | 162.1 | 164.6 | 166.8 | 168.2 | 168.9 |
| -70° | 120.8 | 125.8 | 129.7 | 133.2 | 136.0 | 138.4 | 140.7 | 142.6 | 144.1 | 145.3 | 146.1 |
| -72.5° | 100.6 | 105.7 | 109.8 | 113.2 | 116.1 | 118.4 | 120.2 | 121.8 | 123.1 | 123.6 | 123.7 |
| -75° | 80.0 | 84.2 | 88.7 | 92.7 | 96.2 | 98.3 | 99.8 | 101.1 | 102.1 | 102.3 | 102.2 |
| -77.5° | 62.4 | 65.6 | 68.9 | 72.2 | 75.4 | 77.3 | 78.6 | 79.7 | 80.6 | 80.8 | 80.6 |
| -80° | 46.4 | 48.4 | 50.5 | 52.6 | 54.6 | 55.8 | 56.7 | 57.4 | 57.9 | 58.1 | 58.1 |
| -82.5° | 31.9 | 33.1 | 34.3 | 35.3 | 36.3 | 37.2 | 38.0 | 38.7 | 39.4 | 39.3 | 39.1 |
| -85° | 18.9 | 19.6 | 20.3 | 20.9 | 21.5 | 22.0 | 22.4 | 22.9 | 23.2 | 22.9 | 22.6 |
| -87.5° | 7.9 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.1 | 9.3 | 9.4 | 8.9 | 8.4 |
| -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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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° | 7.8 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.8 | 8.4 | 8.9 | 9.4 | 9.3 |
| 85° | 22.2 | 21.7 | 21.8 | 21.8 | 21.7 | 21.7 | 22.2 | 22.6 | 22.9 | 23.2 | 22.9 |
| 82.5° | 38.9 | 38.5 | 38.7 | 38.7 | 38.7 | 38.5 | 38.9 | 39.1 | 39.3 | 39.4 | 38.7 |
| 80° | 58.1 | 57.8 | 56.8 | 55.7 | 56.8 | 57.8 | 58.1 | 58.1 | 58.1 | 57.9 | 57.4 |
| 77.5° | 80.2 | 79.5 | 78.6 | 77.5 | 78.6 | 79.5 | 80.2 | 80.6 | 80.8 | 80.6 | 79.7 |
| 75° | 101.9 | 101.3 | 101.6 | 101.7 | 101.6 | 101.3 | 101.9 | 102.2 | 102.3 | 102.1 | 101.1 |
| 72.5° | 123.5 | 122.9 | 123.3 | 123.4 | 123.3 | 122.9 | 123.5 | 123.7 | 123.6 | 123.1 | 121.8 |
| 70° | 146.7 | 146.9 | 146.3 | 145.2 | 146.3 | 146.9 | 146.7 | 146.1 | 145.3 | 144.1 | 142.6 |
| 67.5° | 169.1 | 168.8 | 168.1 | 167.0 | 168.1 | 168.8 | 169.1 | 168.9 | 168.2 | 166.8 | 164.6 |
| 65° | 190.8 | 190.6 | 191.0 | 191.2 | 191.0 | 190.6 | 190.8 | 190.6 | 189.9 | 188.9 | 187.4 |
| 62.5° | 214.6 | 214.6 | 214.1 | 213.0 | 214.1 | 214.6 | 214.6 | 214.1 | 213.0 | 211.5 | 209.8 |
| 60° | 234.4 | 234.2 | 233.5 | 232.4 | 233.5 | 234.2 | 234.4 | 234.0 | 233.3 | 232.0 | 230.3 |
| 57.5° | 251.5 | 251.2 | 250.5 | 249.3 | 250.5 | 251.2 | 251.5 | 251.3 | 250.6 | 249.2 | 247.5 |
| 55° | 266.2 | 265.9 | 265.0 | 263.8 | 265.0 | 265.9 | 266.2 | 266.2 | 265.7 | 264.0 | 261.9 |
| 52.5° | 280.7 | 280.4 | 280.5 | 280.8 | 280.5 | 280.4 | 280.7 | 280.6 | 279.8 | 278.2 | 275.9 |
| 50° | 301.3 | 301.7 | 301.3 | 300.1 | 301.3 | 301.7 | 301.3 | 300.1 | 298.1 | 295.3 | 291.8 |
| 47.5° | 325.9 | 326.0 | 325.4 | 324.3 | 325.4 | 326.0 | 325.9 | 324.6 | 321.7 | 317.6 | 312.5 |
| 45° | 357.0 | 358.7 | 359.2 | 358.2 | 359.2 | 358.7 | 357.0 | 354.0 | 350.3 | 344.7 | 337.3 |
| 42.5° | 399.0 | 401.7 | 402.5 | 401.8 | 402.5 | 401.7 | 399.0 | 393.9 | 387.3 | 379.2 | 370.6 |
| 40° | 454.2 | 457.3 | 457.9 | 457.4 | 457.9 | 457.3 | 454.2 | 447.4 | 436.4 | 422.5 | 409.4 |
| 37.5° | 530.5 | 538.2 | 541.8 | 542.2 | 541.8 | 538.2 | 530.5 | 518.6 | 501.5 | 479.2 | 460.2 |
| 35° | 643.2 | 658.4 | 666.5 | 670.4 | 666.5 | 658.4 | 643.2 | 621.3 | 592.5 | 559.5 | 529.5 |
| 32.5° | 818.8 | 849.2 | 866.1 | 864.1 | 866.1 | 849.2 | 818.8 | 778.8 | 726.1 | 673.7 | 625.7 |
| 30° | 1105.8 | 1159.0 | 1185.8 | 1178.7 | 1185.8 | 1159.0 | 1105.8 | 1030.9 | 931.5 | 849.2 | 764.0 |
| 27.5° | 1564.3 | 1660.5 | 1716.1 | 1708.8 | 1716.1 | 1660.5 | 1564.3 | 1433.2 | 1250.8 | 1121.3 | 964.9 |
| 25° | 2303.0 | 2478.6 | 2591.0 | 2563.1 | 2591.0 | 2478.6 | 2303.0 | 2065.9 | 1782.2 | 1540.3 | 1265.0 |
| 22.5° | 3426.8 | 3724.2 | 3921.0 | 3896.7 | 3921.0 | 3724.2 | 3426.8 | 3015.7 | 2586.8 | 2155.7 | 1749.6 |
| 20° | 4968.3 | 5421.0 | 5744.2 | 5787.0 | 5744.2 | 5421.0 | 4968.3 | 4329.6 | 3699.6 | 2988.2 | 2408.1 |
| 17.5° | 6988.9 | 7706.6 | 8206.2 | 8289.6 | 8206.2 | 7706.6 | 6988.9 | 6008.0 | 5099.8 | 4077.1 | 3177.0 |
| 15° | 9615.0 | 10788.1 | 11637.1 | 11707.2 | 11637.1 | 10788.1 | 9615.0 | 8175.3 | 6781.6 | 5407.9 | 4055.5 |
| 12.5° | 13180.8 | 15540.3 | 17080.1 | 17758.0 | 17080.1 | 15540.3 | 13180.8 | 10926.0 | 8679.9 | 6774.5 | 5085.4 |
| 10° | 18115.7 | 23535.2 | 27005.9 | 28310.7 | 27005.9 | 23535.2 | 18115.7 | 14465.5 | 10987.2 | 8245.8 | 6066.0 |
| 7.5° | 26358.5 | 34867.2 | 44326.7 | 48358.3 | 44326.7 | 34867.2 | 26358.5 | 18303.3 | 13529.6 | 9909.6 | 7139.9 |
| 5° | 35692.8 | 53351.8 | 70148.6 | 76707.7 | 70148.6 | 53351.8 | 35692.8 | 24446.5 | 16362.8 | 11243.0 | 7901.5 |
| 2.5° | 45514.9 | 70128.9 | 93194.1 | 102214.4 | 93194.1 | 70128.9 | 45514.9 | 28397.7 | 18113.7 | 12107.1 | 8477.4 |
| 0° | 49350.7 | 77474.9 | 102852.2 | 112966.7 | 102852.2 | 77474.9 | 49350.7 | 29092.4 | 18522.8 | 12493.8 | 8739.8 |
| -2.5° | 45514.9 | 70128.9 | 93194.1 | 102214.4 | 93194.1 | 70128.9 | 45514.9 | 28397.7 | 18113.7 | 12107.1 | 8477.4 |
| -5° | 35692.8 | 53351.8 | 70148.6 | 76707.7 | 70148.6 | 53351.8 | 35692.8 | 24446.5 | 16362.8 | 11243.0 | 7901.5 |
| -7.5° | 26358.5 | 34867.2 | 44326.7 | 48358.3 | 44326.7 | 34867.2 | 26358.5 | 18303.3 | 13529.6 | 9909.6 | 7139.9 |
| -10° | 18115.7 | 23535.2 | 27005.9 | 28310.7 | 27005.9 | 23535.2 | 18115.7 | 14465.5 | 10987.2 | 8245.8 | 6066.0 |
| -12.5° | 13180.8 | 15540.3 | 17080.1 | 17758.0 | 17080.1 | 15540.3 | 13180.8 | 10926.0 | 8679.9 | 6774.5 | 5085.4 |
| -15° | 9615.0 | 10788.1 | 11637.1 | 11707.2 | 11637.1 | 10788.1 | 9615.0 | 8175.3 | 6781.6 | 5407.9 | 4055.5 |
| -17.5° | 6988.9 | 7706.6 | 8206.2 | 8289.6 | 8206.2 | 7706.6 | 6988.9 | 6008.0 | 5099.8 | 4077.1 | 3177.0 |
| -20° | 4968.3 | 5421.0 | 5744.2 | 5787.0 | 5744.2 | 5421.0 | 4968.3 | 4329.6 | 3699.6 | 2988.2 | 2408.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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° | 3426.8 | 3724.2 | 3921.0 | 3896.7 | 3921.0 | 3724.2 | 3426.8 | 3015.7 | 2586.8 | 2155.7 | 1749.6 |
| -25° | 2303.0 | 2478.6 | 2591.0 | 2563.1 | 2591.0 | 2478.6 | 2303.0 | 2065.9 | 1782.2 | 1540.3 | 1265.0 |
| -27.5° | 1564.3 | 1660.5 | 1716.1 | 1708.8 | 1716.1 | 1660.5 | 1564.3 | 1433.2 | 1250.8 | 1121.3 | 964.9 |
| -30° | 1105.8 | 1159.0 | 1185.8 | 1178.7 | 1185.8 | 1159.0 | 1105.8 | 1030.9 | 931.5 | 849.2 | 764.0 |
| -32.5° | 818.8 | 849.2 | 866.1 | 864.1 | 866.1 | 849.2 | 818.8 | 778.8 | 726.1 | 673.7 | 625.7 |
| -35° | 643.2 | 658.4 | 666.5 | 670.4 | 666.5 | 658.4 | 643.2 | 621.3 | 592.5 | 559.5 | 529.5 |
| -37.5° | 530.5 | 538.2 | 541.8 | 542.2 | 541.8 | 538.2 | 530.5 | 518.6 | 501.5 | 479.2 | 460.2 |
| -40° | 454.2 | 457.3 | 457.9 | 457.4 | 457.9 | 457.3 | 454.2 | 447.4 | 436.4 | 422.5 | 409.4 |
| -42.5° | 399.0 | 401.7 | 402.5 | 401.8 | 402.5 | 401.7 | 399.0 | 393.9 | 387.3 | 379.2 | 370.6 |
| -45° | 357.0 | 358.7 | 359.2 | 358.2 | 359.2 | 358.7 | 357.0 | 354.0 | 350.3 | 344.7 | 337.3 |
| -47.5° | 325.9 | 326.0 | 325.4 | 324.3 | 325.4 | 326.0 | 325.9 | 324.6 | 321.7 | 317.6 | 312.5 |
| -50° | 301.3 | 301.7 | 301.3 | 300.1 | 301.3 | 301.7 | 301.3 | 300.1 | 298.1 | 295.3 | 291.8 |
| -52.5° | 280.7 | 280.4 | 280.5 | 280.8 | 280.5 | 280.4 | 280.7 | 280.6 | 279.8 | 278.2 | 275.9 |
| -55° | 266.2 | 265.9 | 265.0 | 263.8 | 265.0 | 265.9 | 266.2 | 266.2 | 265.7 | 264.0 | 261.9 |
| -57.5° | 251.5 | 251.2 | 250.5 | 249.3 | 250.5 | 251.2 | 251.5 | 251.3 | 250.6 | 249.2 | 247.5 |
| -60° | 234.4 | 234.2 | 233.5 | 232.4 | 233.5 | 234.2 | 234.4 | 234.0 | 233.3 | 232.0 | 230.3 |
| -62.5° | 214.6 | 214.6 | 214.1 | 213.0 | 214.1 | 214.6 | 214.6 | 214.1 | 213.0 | 211.5 | 209.8 |
| -65° | 190.8 | 190.6 | 191.0 | 191.2 | 191.0 | 190.6 | 190.8 | 190.6 | 189.9 | 188.9 | 187.4 |
| -67.5° | 169.1 | 168.8 | 168.1 | 167.0 | 168.1 | 168.8 | 169.1 | 168.9 | 168.2 | 166.8 | 164.6 |
| -70° | 146.7 | 146.9 | 146.3 | 145.2 | 146.3 | 146.9 | 146.7 | 146.1 | 145.3 | 144.1 | 142.6 |
| -72.5° | 123.5 | 122.9 | 123.3 | 123.4 | 123.3 | 122.9 | 123.5 | 123.7 | 123.6 | 123.1 | 121.8 |
| -75° | 101.9 | 101.3 | 101.6 | 101.7 | 101.6 | 101.3 | 101.9 | 102.2 | 102.3 | 102.1 | 101.1 |
| -77.5° | 80.2 | 79.5 | 78.6 | 77.5 | 78.6 | 79.5 | 80.2 | 80.6 | 80.8 | 80.6 | 79.7 |
| -80° | 58.1 | 57.8 | 56.8 | 55.7 | 56.8 | 57.8 | 58.1 | 58.1 | 58.1 | 57.9 | 57.4 |
| -82.5° | 38.9 | 38.5 | 38.7 | 38.7 | 38.7 | 38.5 | 38.9 | 39.1 | 39.3 | 39.4 | 38.7 |
| -85° | 22.2 | 21.7 | 21.8 | 21.8 | 21.8 | 21.7 | 22.2 | 22.6 | 22.9 | 23.2 | 22.9 |
| -87.5° | 7.8 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.8 | 8.4 | 8.9 | 9.4 | 9.3 |
| -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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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° | 9.1 | 9.0 | 8.8 | 8.6 | 8.4 | 8.2 | 7.9 | 7.7 | 7.4 | 7.2 | 6.9 |
| 85° | 22.4 | 22.0 | 21.5 | 20.9 | 20.3 | 19.6 | 18.9 | 17.8 | 16.8 | 15.7 | 14.7 |
| 82.5° | 38.0 | 37.2 | 36.3 | 35.3 | 34.3 | 33.1 | 31.9 | 30.2 | 28.3 | 26.3 | 24.1 |
| 80° | 56.7 | 55.8 | 54.6 | 52.6 | 50.5 | 48.4 | 46.4 | 44.3 | 42.2 | 40.0 | 37.7 |
| 77.5° | 78.6 | 77.3 | 75.4 | 72.2 | 68.9 | 65.6 | 62.4 | 59.6 | 57.0 | 54.2 | 51.2 |
| 75° | 99.8 | 98.3 | 96.2 | 92.7 | 88.7 | 84.2 | 80.0 | 76.6 | 73.0 | 69.2 | 65.3 |
| 72.5° | 120.2 | 118.4 | 116.1 | 113.2 | 109.8 | 105.7 | 100.6 | 95.2 | 90.0 | 85.1 | 80.4 |
| 70° | 140.7 | 138.4 | 136.0 | 133.2 | 129.7 | 125.8 | 120.8 | 114.7 | 107.7 | 101.0 | 95.9 |
| 67.5° | 162.1 | 159.1 | 156.6 | 154.2 | 151.0 | 147.0 | 141.3 | 135.0 | 128.1 | 120.3 | 113.0 |
| 65° | 185.0 | 181.7 | 178.5 | 175.5 | 172.1 | 168.2 | 162.3 | 155.3 | 147.9 | 140.1 | 131.9 |
| 62.5° | 207.8 | 205.5 | 201.9 | 197.6 | 193.1 | 188.2 | 182.7 | 175.8 | 167.8 | 158.7 | 149.7 |
| 60° | 228.1 | 225.3 | 221.2 | 217.0 | 212.7 | 207.2 | 200.1 | 193.9 | 188.5 | 178.2 | 167.3 |
| 57.5° | 245.6 | 242.4 | 237.5 | 232.9 | 228.7 | 222.3 | 215.1 | 208.0 | 201.0 | 193.9 | 184.6 |
| 55° | 259.4 | 256.0 | 251.6 | 246.4 | 240.7 | 234.8 | 228.2 | 220.6 | 213.2 | 206.6 | 198.0 |
| 52.5° | 272.8 | 269.4 | 265.2 | 260.2 | 254.1 | 247.2 | 239.9 | 232.4 | 225.4 | 218.7 | 211.0 |
| 50° | 288.2 | 284.0 | 279.3 | 274.1 | 267.5 | 260.1 | 252.3 | 244.1 | 237.0 | 230.1 | 222.8 |
| 47.5° | 307.4 | 301.2 | 294.4 | 288.2 | 280.9 | 272.7 | 264.4 | 256.3 | 248.4 | 240.3 | 233.0 |
| 45° | 330.2 | 321.9 | 313.0 | 304.6 | 295.2 | 286.2 | 276.6 | 268.1 | 259.8 | 251.0 | 241.9 |
| 42.5° | 359.3 | 346.7 | 335.1 | 323.6 | 311.8 | 301.1 | 290.2 | 280.3 | 270.8 | 261.6 | 251.8 |
| 40° | 394.9 | 378.0 | 362.6 | 345.7 | 331.3 | 317.2 | 304.8 | 292.4 | 281.9 | 271.7 | 261.0 |
| 37.5° | 438.6 | 416.5 | 395.5 | 373.6 | 354.3 | 335.9 | 320.3 | 306.0 | 292.4 | 281.3 | 270.0 |
| 35° | 494.6 | 464.5 | 434.3 | 407.1 | 381.0 | 358.4 | 337.5 | 320.3 | 304.8 | 290.5 | 278.6 |
| 32.5° | 570.2 | 527.5 | 481.8 | 446.8 | 412.4 | 382.7 | 357.8 | 335.9 | 317.2 | 301.1 | 286.8 |
| 30° | 681.5 | 611.4 | 548.6 | 492.9 | 449.6 | 411.2 | 378.8 | 353.5 | 331.3 | 311.8 | 295.2 |
| 27.5° | 840.9 | 720.5 | 635.6 | 553.6 | 490.3 | 443.8 | 404.6 | 371.5 | 345.4 | 323.6 | 304.4 |
| 25° | 1066.9 | 884.2 | 736.8 | 629.8 | 543.7 | 477.7 | 431.5 | 393.1 | 361.2 | 335.0 | 311.8 |
| 22.5° | 1376.7 | 1100.0 | 873.7 | 711.5 | 605.3 | 523.2 | 460.8 | 414.4 | 375.7 | 344.9 | 319.8 |
| 20° | 1832.5 | 1357.4 | 1051.0 | 828.4 | 674.4 | 566.8 | 491.3 | 436.7 | 391.9 | 355.3 | 326.7 |
| 17.5° | 2373.3 | 1714.3 | 1244.9 | 947.9 | 755.3 | 622.7 | 526.7 | 457.3 | 406.6 | 364.2 | 332.4 |
| 15° | 2949.9 | 2118.8 | 1516.0 | 1107.5 | 838.0 | 670.7 | 556.2 | 475.5 | 420.7 | 374.2 | 339.3 |
| 12.5° | 3686.0 | 2554.8 | 1753.8 | 1240.7 | 919.3 | 722.8 | 590.4 | 498.5 | 434.6 | 384.8 | 346.6 |
| 10° | 4382.5 | 3009.5 | 2043.1 | 1416.1 | 1018.3 | 774.0 | 620.7 | 516.3 | 445.3 | 393.3 | 352.5 |
| 7.5° | 5040.5 | 3446.8 | 2293.2 | 1549.6 | 1094.7 | 814.7 | 643.2 | 529.1 | 452.9 | 399.3 | 357.1 |
| 5° | 5522.7 | 3772.2 | 2489.0 | 1652.6 | 1148.8 | 844.2 | 657.8 | 537.0 | 457.4 | 402.8 | 360.2 |
| 2.5° | 5889.6 | 3987.7 | 2608.1 | 1713.0 | 1179.6 | 861.6 | 666.5 | 543.1 | 461.8 | 405.6 | 363.5 |
| 0° | 6058.1 | 4071.0 | 2647.8 | 1745.1 | 1198.1 | 866.5 | 670.4 | 547.0 | 464.7 | 406.6 | 365.5 |
| -2.5° | 5889.6 | 3987.7 | 2608.1 | 1713.0 | 1179.6 | 861.6 | 666.5 | 543.1 | 461.8 | 405.6 | 363.5 |
| -5° | 5522.7 | 3772.2 | 2489.0 | 1652.6 | 1148.8 | 844.2 | 657.8 | 537.0 | 457.4 | 402.8 | 360.2 |
| -7.5° | 5040.5 | 3446.8 | 2293.2 | 1549.6 | 1094.7 | 814.7 | 643.2 | 529.1 | 452.9 | 399.3 | 357.1 |
| -10° | 4382.5 | 3009.5 | 2043.1 | 1416.1 | 1018.3 | 774.0 | 620.7 | 516.3 | 445.3 | 393.3 | 352.5 |
| -12.5° | 3686.0 | 2554.8 | 1753.8 | 1240.7 | 919.3 | 722.8 | 590.4 | 498.5 | 434.6 | 384.8 | 346.6 |
| -15° | 2949.9 | 2118.8 | 1516.0 | 1107.5 | 838.0 | 670.7 | 556.2 | 475.5 | 420.7 | 374.2 | 339.3 |
| -17.5° | 2373.3 | 1714.3 | 1244.9 | 947.9 | 755.3 | 622.7 | 526.7 | 457.3 | 406.6 | 364.2 | 332.4 |
| -20° | 1832.5 | 1357.4 | 1051.0 | 828.4 | 674.4 | 566.8 | 491.3 | 436.7 | 391.9 | 355.3 | 326.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1376.7 | 1100.0 | 873.7 | 711.5 | 605.3 | 523.2 | 460.8 | 414.4 | 375.7 | 344.9 | 319.8 |
| -25° | 1066.9 | 884.2 | 736.8 | 629.8 | 543.7 | 477.7 | 431.5 | 393.1 | 361.2 | 335.0 | 311.8 |
| -27.5° | 840.9 | 720.5 | 635.6 | 553.6 | 490.3 | 443.8 | 404.6 | 371.5 | 345.4 | 323.6 | 304.4 |
| -30° | 681.5 | 611.4 | 548.6 | 492.9 | 449.6 | 411.2 | 378.8 | 353.5 | 331.3 | 311.8 | 295.2 |
| -32.5° | 570.2 | 527.5 | 481.8 | 446.8 | 412.4 | 382.7 | 357.8 | 335.9 | 317.2 | 301.1 | 286.8 |
| -35° | 494.6 | 464.5 | 434.3 | 407.1 | 381.0 | 358.4 | 337.5 | 320.3 | 304.8 | 290.5 | 278.6 |
| -37.5° | 438.6 | 416.5 | 395.5 | 373.6 | 354.3 | 335.9 | 320.3 | 306.0 | 292.4 | 281.3 | 270.0 |
| -40° | 394.9 | 378.0 | 362.6 | 345.7 | 331.3 | 317.2 | 304.8 | 292.4 | 281.9 | 271.7 | 261.0 |
| -42.5° | 359.3 | 346.7 | 335.1 | 323.6 | 311.8 | 301.1 | 290.2 | 280.3 | 270.8 | 261.6 | 251.8 |
| -45° | 330.2 | 321.9 | 313.0 | 304.6 | 295.2 | 286.2 | 276.6 | 268.1 | 259.8 | 251.0 | 241.9 |
| -47.5° | 307.4 | 301.2 | 294.4 | 288.2 | 280.9 | 272.7 | 264.4 | 256.3 | 248.4 | 240.3 | 233.0 |
| -50° | 288.2 | 284.0 | 279.3 | 274.1 | 267.5 | 260.1 | 252.3 | 244.1 | 237.0 | 230.1 | 222.8 |
| -52.5° | 272.8 | 269.4 | 265.2 | 260.2 | 254.1 | 247.2 | 239.9 | 232.4 | 225.4 | 218.7 | 211.0 |
| -55° | 259.4 | 256.0 | 251.6 | 246.4 | 240.7 | 234.8 | 228.2 | 220.6 | 213.2 | 206.6 | 198.0 |
| -57.5° | 245.6 | 242.4 | 237.5 | 232.9 | 228.7 | 222.3 | 215.1 | 208.0 | 201.0 | 193.9 | 184.6 |
| -60° | 228.1 | 225.3 | 221.2 | 217.0 | 212.7 | 207.2 | 200.1 | 193.9 | 188.5 | 182.2 | 176.3 |
| -62.5° | 207.8 | 205.5 | 201.9 | 197.6 | 193.1 | 188.2 | 182.7 | 175.8 | 167.8 | 158.7 | 149.7 |
| -65° | 185.0 | 181.7 | 178.5 | 175.5 | 172.1 | 168.2 | 162.3 | 155.3 | 147.9 | 140.1 | 131.9 |
| -67.5° | 162.1 | 159.1 | 156.6 | 154.2 | 151.0 | 147.0 | 141.3 | 135.0 | 128.1 | 120.3 | 113.0 |
| -70° | 140.7 | 138.4 | 136.0 | 133.2 | 129.7 | 125.8 | 120.8 | 114.7 | 107.7 | 101.0 | 95.9 |
| -72.5° | 120.2 | 118.4 | 116.1 | 113.2 | 109.8 | 105.7 | 100.6 | 95.2 | 90.0 | 85.1 | 80.4 |
| -75° | 99.8 | 98.3 | 96.2 | 92.7 | 88.7 | 84.2 | 80.0 | 76.6 | 73.0 | 69.2 | 65.3 |
| -77.5° | 78.6 | 77.3 | 75.4 | 72.2 | 68.9 | 65.6 | 62.4 | 59.6 | 57.0 | 54.2 | 51.2 |
| -80° | 56.7 | 55.8 | 54.6 | 52.6 | 50.5 | 48.4 | 46.4 | 44.3 | 42.2 | 40.0 | 37.7 |
| -82.5° | 38.0 | 37.2 | 36.3 | 35.3 | 34.3 | 33.1 | 31.9 | 30.2 | 28.3 | 26.3 | 24.1 |
| -85° | 22.4 | 22.0 | 21.5 | 20.9 | 20.3 | 19.6 | 18.9 | 17.8 | 16.8 | 15.7 | 14.7 |
| -87.5° | 9.1 | 9.0 | 8.8 | 8.6 | 8.4 | 8.2 | 7.9 | 7.7 | 7.4 | 7.2 | 6.9 |
| -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: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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° | 6.6 | 6.2 | 5.9 | 5.6 | 5.2 | 4.8 | 4.5 | 4.1 | 3.7 | 3.3 | 2.9 |
| 85° | 14.2 | 13.5 | 12.7 | 11.8 | 10.8 | 9.7 | 8.9 | 8.2 | 7.4 | 6.6 | 5.8 |
| 82.5° | 22.9 | 22.1 | 21.2 | 20.1 | 18.5 | 16.9 | 15.2 | 13.5 | 11.8 | 10.0 | 8.7 |
| 80° | 35.4 | 33.2 | 31.1 | 29.0 | 26.6 | 24.1 | 21.9 | 19.6 | 17.3 | 14.9 | 12.6 |
| 77.5° | 48.1 | 45.0 | 41.7 | 38.6 | 35.5 | 32.4 | 29.2 | 25.9 | 22.8 | 19.8 | 16.8 |
| 75° | 61.1 | 57.2 | 53.2 | 49.1 | 44.9 | 40.7 | 36.8 | 32.9 | 28.8 | 24.7 | 21.1 |
| 72.5° | 75.5 | 70.5 | 65.3 | 60.0 | 55.1 | 50.0 | 44.8 | 39.8 | 35.1 | 30.3 | 25.5 |
| 70° | 90.5 | 84.3 | 78.1 | 72.2 | 65.9 | 59.3 | 53.4 | 47.4 | 41.3 | 35.8 | 30.3 |
| 67.5° | 106.2 | 99.9 | 92.6 | 84.7 | 77.6 | 70.2 | 62.2 | 55.1 | 48.2 | 41.3 | 35.1 |
| 65° | 123.5 | 115.5 | 107.9 | 98.8 | 89.8 | 81.2 | 72.6 | 63.2 | 55.1 | 47.4 | 39.8 |
| 62.5° | 140.3 | 130.8 | 121.6 | 112.3 | 102.5 | 92.6 | 82.8 | 72.3 | 62.1 | 53.4 | 44.8 |
| 60° | 157.0 | 146.4 | 135.1 | 124.4 | 114.2 | 103.8 | 92.7 | 81.2 | 70.0 | 59.3 | 50.0 |
| 57.5° | 172.8 | 161.7 | 148.9 | 136.4 | 125.0 | 114.0 | 102.2 | 89.7 | 77.5 | 65.8 | 55.0 |
| 55° | 187.6 | 175.2 | 161.9 | 148.3 | 135.5 | 123.5 | 111.2 | 97.9 | 84.8 | 72.2 | 59.8 |
| 52.5° | 201.1 | 188.2 | 174.0 | 159.6 | 145.6 | 132.5 | 119.6 | 105.8 | 91.8 | 78.3 | 65.0 |
| 50° | 213.8 | 201.1 | 186.0 | 170.6 | 155.2 | 141.4 | 127.8 | 113.4 | 98.5 | 84.2 | 70.1 |
| 47.5° | 224.8 | 212.7 | 198.2 | 181.5 | 165.0 | 150.2 | 135.9 | 120.8 | 104.9 | 89.8 | 75.1 |
| 45° | 233.7 | 223.5 | 209.4 | 192.7 | 175.0 | 159.3 | 143.8 | 128.0 | 111.4 | 95.2 | 79.8 |
| 42.5° | 242.0 | 232.5 | 219.8 | 203.6 | 185.3 | 168.3 | 151.6 | 135.1 | 117.8 | 100.4 | 84.3 |
| 40° | 250.5 | 240.4 | 229.5 | 213.2 | 195.0 | 176.9 | 159.4 | 141.9 | 123.9 | 105.5 | 88.6 |
| 37.5° | 258.4 | 248.0 | 236.9 | 222.0 | 203.6 | 185.0 | 166.9 | 148.6 | 129.6 | 110.5 | 92.7 |
| 35° | 266.4 | 254.7 | 243.3 | 229.0 | 211.2 | 192.4 | 174.0 | 154.9 | 134.9 | 115.2 | 96.5 |
| 32.5° | 274.1 | 261.0 | 248.6 | 234.6 | 218.1 | 199.0 | 180.4 | 160.5 | 140.0 | 119.6 | 100.1 |
| 30° | 281.1 | 266.9 | 253.8 | 240.1 | 223.9 | 204.8 | 185.8 | 165.5 | 144.6 | 123.5 | 103.5 |
| 27.5° | 286.8 | 271.7 | 258.7 | 244.8 | 228.6 | 210.1 | 190.5 | 170.1 | 148.9 | 127.2 | 106.7 |
| 25° | 292.3 | 276.2 | 262.6 | 249.1 | 233.0 | 215.3 | 194.9 | 174.1 | 152.7 | 130.6 | 109.6 |
| 22.5° | 298.5 | 280.4 | 265.7 | 253.2 | 237.5 | 220.4 | 199.1 | 177.6 | 156.0 | 133.7 | 112.2 |
| 20° | 304.0 | 284.0 | 268.0 | 256.4 | 241.1 | 224.2 | 203.0 | 180.7 | 158.8 | 136.5 | 114.4 |
| 17.5° | 308.8 | 287.9 | 271.0 | 258.3 | 243.9 | 227.4 | 206.7 | 183.5 | 161.2 | 138.9 | 116.3 |
| 15° | 313.8 | 292.0 | 273.7 | 259.8 | 246.1 | 230.1 | 210.0 | 185.9 | 163.1 | 140.9 | 118.0 |
| 12.5° | 318.3 | 295.3 | 275.9 | 261.0 | 247.9 | 232.3 | 213.0 | 187.9 | 164.6 | 142.6 | 119.6 |
| 10° | 322.0 | 297.8 | 277.5 | 261.8 | 249.1 | 234.0 | 215.5 | 189.8 | 166.2 | 144.0 | 120.9 |
| 7.5° | 324.9 | 299.6 | 278.6 | 262.3 | 249.9 | 235.3 | 217.6 | 192.1 | 167.6 | 144.9 | 122.0 |
| 5° | 327.1 | 300.9 | 280.2 | 263.7 | 250.9 | 236.3 | 219.1 | 193.8 | 168.6 | 145.4 | 122.8 |
| 2.5° | 328.7 | 302.1 | 282.0 | 265.2 | 251.5 | 237.0 | 220.0 | 195.2 | 169.2 | 145.5 | 123.2 |
| 0° | 329.2 | 302.5 | 283.2 | 266.2 | 251.7 | 237.2 | 220.3 | 196.0 | 169.4 | 145.2 | 123.4 |
| -2.5° | 328.7 | 302.1 | 282.0 | 265.2 | 251.5 | 237.0 | 220.0 | 195.2 | 169.2 | 145.5 | 123.2 |
| -5° | 327.1 | 300.9 | 280.2 | 263.7 | 250.9 | 236.3 | 219.1 | 193.8 | 168.6 | 145.4 | 122.8 |
| -7.5° | 324.9 | 299.6 | 278.6 | 262.3 | 249.9 | 235.3 | 217.6 | 192.1 | 167.6 | 144.9 | 122.0 |
| -10° | 322.0 | 297.8 | 277.5 | 261.8 | 249.1 | 234.0 | 215.5 | 189.8 | 166.2 | 144.0 | 120.9 |
| -12.5° | 318.3 | 295.3 | 275.9 | 261.0 | 247.9 | 232.3 | 213.0 | 187.9 | 164.6 | 142.6 | 119.6 |
| -15° | 313.8 | 292.0 | 273.7 | 259.8 | 246.1 | 230.1 | 210.0 | 185.9 | 163.1 | 140.9 | 118.0 |
| -17.5° | 308.8 | 287.9 | 271.0 | 258.3 | 243.9 | 227.4 | 206.7 | 183.5 | 161.2 | 138.9 | 116.3 |
| -20° | 304.0 | 284.0 | 268.0 | 256.4 | 241.1 | 224.2 | 203.0 | 180.7 | 158.8 | 136.5 | 114.4 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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° | 298.5 | 280.4 | 265.7 | 253.2 | 237.5 | 220.4 | 199.1 | 177.6 | 156.0 | 133.7 | 112.2 |
| -25° | 292.3 | 276.2 | 262.6 | 249.1 | 233.0 | 215.3 | 194.9 | 174.1 | 152.7 | 130.6 | 109.6 |
| -27.5° | 286.8 | 271.7 | 258.7 | 244.8 | 228.6 | 210.1 | 190.5 | 170.1 | 148.9 | 127.2 | 106.7 |
| -30° | 281.1 | 266.9 | 253.8 | 240.1 | 223.9 | 204.8 | 185.8 | 165.5 | 144.6 | 123.5 | 103.5 |
| -32.5° | 274.1 | 261.0 | 248.6 | 234.6 | 218.1 | 199.0 | 180.4 | 160.5 | 140.0 | 119.6 | 100.1 |
| -35° | 266.4 | 254.7 | 243.3 | 229.0 | 211.2 | 192.4 | 174.0 | 154.9 | 134.9 | 115.2 | 96.5 |
| -37.5° | 258.4 | 248.0 | 236.9 | 222.0 | 203.6 | 185.0 | 166.9 | 148.6 | 129.6 | 110.5 | 92.7 |
| -40° | 250.5 | 240.4 | 229.5 | 213.2 | 195.0 | 176.9 | 159.4 | 141.9 | 123.9 | 105.5 | 88.6 |
| -42.5° | 242.0 | 232.5 | 219.8 | 203.6 | 185.3 | 168.3 | 151.6 | 135.1 | 117.8 | 100.4 | 84.3 |
| -45° | 233.7 | 223.5 | 209.4 | 192.7 | 175.0 | 159.3 | 143.8 | 128.0 | 111.4 | 95.2 | 79.8 |
| -47.5° | 224.8 | 212.7 | 198.2 | 181.5 | 165.0 | 150.2 | 135.9 | 120.8 | 104.9 | 89.8 | 75.1 |
| -50° | 213.8 | 201.1 | 186.0 | 170.6 | 155.2 | 141.4 | 127.8 | 113.4 | 98.5 | 84.2 | 70.1 |
| -52.5° | 201.1 | 188.2 | 174.0 | 159.6 | 145.6 | 132.5 | 119.6 | 105.8 | 91.8 | 78.3 | 65.0 |
| -55° | 187.6 | 175.2 | 161.9 | 148.3 | 135.5 | 123.5 | 111.2 | 97.9 | 84.8 | 72.2 | 59.8 |
| -57.5° | 172.8 | 161.7 | 148.9 | 136.4 | 125.0 | 114.0 | 102.2 | 89.7 | 77.5 | 65.8 | 55.0 |
| -60° | 157.0 | 146.4 | 135.1 | 124.4 | 114.2 | 103.8 | 92.7 | 81.2 | 70.0 | 59.3 | 50.0 |
| -62.5° | 140.3 | 130.8 | 121.6 | 112.3 | 102.5 | 92.6 | 82.8 | 72.3 | 62.1 | 53.4 | 44.8 |
| -65° | 123.5 | 115.5 | 107.9 | 98.8 | 89.8 | 81.2 | 72.6 | 63.2 | 55.1 | 47.4 | 39.8 |
| -67.5° | 106.2 | 99.9 | 92.6 | 84.7 | 77.6 | 70.2 | 62.2 | 55.1 | 48.2 | 41.3 | 35.1 |
| -70° | 90.5 | 84.3 | 78.1 | 72.2 | 65.9 | 59.3 | 53.4 | 47.4 | 41.3 | 35.8 | 30.3 |
| -72.5° | 75.5 | 70.5 | 65.3 | 60.0 | 55.1 | 50.0 | 44.8 | 39.8 | 35.1 | 30.3 | 25.5 |
| -75° | 61.1 | 57.2 | 53.2 | 49.1 | 44.9 | 40.7 | 36.8 | 32.9 | 28.8 | 24.7 | 21.1 |
| -77.5° | 48.1 | 45.0 | 41.7 | 38.6 | 35.5 | 32.4 | 29.2 | 25.9 | 22.8 | 19.8 | 16.8 |
| -80° | 35.4 | 33.2 | 31.1 | 29.0 | 26.6 | 24.1 | 21.9 | 19.6 | 17.3 | 14.9 | 12.6 |
| -82.5° | 22.9 | 22.1 | 21.2 | 20.1 | 18.5 | 16.9 | 15.2 | 13.5 | 11.8 | 10.0 | 8.7 |
| -85° | 14.2 | 13.5 | 12.7 | 11.8 | 10.8 | 9.7 | 8.9 | 8.2 | 7.4 | 6.6 | 5.8 |
| -87.5° | 6.6 | 6.2 | 5.9 | 5.6 | 5.2 | 4.8 | 4.5 | 4.1 | 3.7 | 3.3 | 2.9 |
| -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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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° | 2.5 | 2.1 | 1.7 | 1.3 | 0.8 | 0.4 | 0.0 |
| 85° | 5.0 | 4.2 | 3.4 | 2.5 | 1.7 | 0.7 | 0.0 |
| 82.5° | 7.5 | 6.3 | 5.0 | 3.8 | 2.5 | 1.1 | 0.0 |
| 80° | 10.1 | 8.4 | 6.7 | 5.0 | 3.4 | 1.5 | 0.0 |
| 77.5° | 13.8 | 10.7 | 8.4 | 6.3 | 4.2 | 1.8 | 0.0 |
| 75° | 17.4 | 13.6 | 10.1 | 7.5 | 5.0 | 2.2 | 0.0 |
| 72.5° | 21.0 | 16.5 | 12.3 | 8.7 | 5.8 | 2.5 | 0.0 |
| 70° | 24.5 | 19.3 | 14.5 | 10.0 | 6.5 | 2.9 | 0.0 |
| 67.5° | 28.6 | 22.0 | 16.6 | 11.5 | 7.3 | 3.2 | 0.0 |
| 65° | 32.5 | 25.0 | 18.6 | 13.0 | 8.0 | 3.5 | 0.0 |
| 62.5° | 36.4 | 28.2 | 20.6 | 14.5 | 8.7 | 3.9 | 0.0 |
| 60° | 40.2 | 31.4 | 22.6 | 15.9 | 9.4 | 4.2 | 0.0 |
| 57.5° | 44.4 | 34.5 | 25.0 | 17.3 | 10.2 | 4.5 | 0.0 |
| 55° | 48.5 | 37.5 | 27.4 | 18.6 | 11.1 | 4.8 | 0.0 |
| 52.5° | 52.5 | 40.4 | 29.7 | 19.8 | 11.9 | 5.0 | 0.0 |
| 50° | 56.4 | 43.7 | 32.0 | 21.1 | 12.7 | 5.3 | 0.0 |
| 47.5° | 60.2 | 46.8 | 34.1 | 22.3 | 13.5 | 5.5 | 0.0 |
| 45° | 64.2 | 49.8 | 36.2 | 23.9 | 14.3 | 5.8 | 0.0 |
| 42.5° | 68.1 | 52.6 | 38.2 | 25.4 | 15.0 | 6.0 | 0.0 |
| 40° | 71.8 | 55.3 | 40.2 | 26.8 | 15.7 | 6.2 | 0.0 |
| 37.5° | 75.2 | 57.9 | 42.2 | 28.2 | 16.4 | 6.4 | 0.0 |
| 35° | 78.5 | 60.5 | 44.1 | 29.5 | 17.0 | 6.5 | 0.0 |
| 32.5° | 81.6 | 63.0 | 45.9 | 30.7 | 17.7 | 6.7 | 0.0 |
| 30° | 84.5 | 65.4 | 47.6 | 31.9 | 18.2 | 6.8 | 0.0 |
| 27.5° | 87.1 | 67.6 | 49.3 | 32.9 | 18.8 | 7.0 | 0.0 |
| 25° | 89.5 | 69.6 | 50.8 | 33.9 | 19.3 | 7.1 | 0.0 |
| 22.5° | 91.7 | 71.4 | 52.1 | 34.8 | 19.7 | 7.2 | 0.0 |
| 20° | 93.7 | 73.0 | 53.4 | 35.6 | 20.1 | 7.2 | 0.0 |
| 17.5° | 95.3 | 74.3 | 54.5 | 36.3 | 20.5 | 7.3 | 0.0 |
| 15° | 96.6 | 75.4 | 55.4 | 37.0 | 20.9 | 7.4 | 0.0 |
| 12.5° | 97.7 | 76.3 | 56.2 | 37.5 | 21.1 | 7.4 | 0.0 |
| 10° | 98.5 | 77.0 | 56.9 | 37.9 | 21.4 | 7.4 | 0.0 |
| 7.5° | 99.1 | 77.4 | 57.4 | 38.3 | 21.6 | 7.4 | 0.0 |
| 5° | 99.4 | 77.6 | 57.8 | 38.5 | 21.7 | 7.4 | 0.0 |
| 2.5° | 99.4 | 77.7 | 58.0 | 38.7 | 21.8 | 7.3 | 0.0 |
| 0° | 99.2 | 77.5 | 58.1 | 38.7 | 21.8 | 7.3 | 0.0 |
| -2.5° | 99.4 | 77.7 | 58.0 | 38.7 | 21.8 | 7.3 | 0.0 |
| -5° | 99.4 | 77.6 | 57.8 | 38.5 | 21.7 | 7.4 | 0.0 |
| -7.5° | 99.1 | 77.4 | 57.4 | 38.3 | 21.6 | 7.4 | 0.0 |
| -10° | 98.5 | 77.0 | 56.9 | 37.9 | 21.4 | 7.4 | 0.0 |
| -12.5° | 97.7 | 76.3 | 56.2 | 37.5 | 21.1 | 7.4 | 0.0 |
| -15° | 96.6 | 75.4 | 55.4 | 37.0 | 20.9 | 7.4 | 0.0 |
| -17.5° | 95.3 | 74.3 | 54.5 | 36.3 | 20.5 | 7.3 | 0.0 |
| -20° | 93.7 | 73.0 | 53.4 | 35.6 | 20.1 | 7.2 | 0.0 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627079 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 91.7 | 71.4 | 52.1 | 34.8 | 19.7 | 7.2 | 0.0 |
| -25° | 89.5 | 69.6 | 50.8 | 33.9 | 19.3 | 7.1 | 0.0 |
| -27.5° | 87.1 | 67.6 | 49.3 | 32.9 | 18.8 | 7.0 | 0.0 |
| -30° | 84.5 | 65.4 | 47.6 | 31.9 | 18.2 | 6.8 | 0.0 |
| -32.5° | 81.6 | 63.0 | 45.9 | 30.7 | 17.7 | 6.7 | 0.0 |
| -35° | 78.5 | 60.5 | 44.1 | 29.5 | 17.0 | 6.5 | 0.0 |
| -37.5° | 75.2 | 57.9 | 42.2 | 28.2 | 16.4 | 6.4 | 0.0 |
| -40° | 71.8 | 55.3 | 40.2 | 26.8 | 15.7 | 6.2 | 0.0 |
| -42.5° | 68.1 | 52.6 | 38.2 | 25.4 | 15.0 | 6.0 | 0.0 |
| -45° | 64.2 | 49.8 | 36.2 | 23.9 | 14.3 | 5.8 | 0.0 |
| -47.5° | 60.2 | 46.8 | 34.1 | 22.3 | 13.5 | 5.5 | 0.0 |
| -50° | 56.4 | 43.7 | 32.0 | 21.1 | 12.7 | 5.3 | 0.0 |
| -52.5° | 52.5 | 40.4 | 29.7 | 19.8 | 11.9 | 5.0 | 0.0 |
| -55° | 48.5 | 37.5 | 27.4 | 18.6 | 11.1 | 4.8 | 0.0 |
| -57.5° | 44.4 | 34.5 | 25.0 | 17.3 | 10.2 | 4.5 | 0.0 |
| -60° | 40.2 | 31.4 | 22.6 | 15.9 | 9.4 | 4.2 | 0.0 |
| -62.5° | 36.4 | 28.2 | 20.6 | 14.5 | 8.7 | 3.9 | 0.0 |
| -65° | 32.5 | 25.0 | 18.6 | 13.0 | 8.0 | 3.5 | 0.0 |
| -67.5° | 28.6 | 22.0 | 16.6 | 11.5 | 7.3 | 3.2 | 0.0 |
| -70° | 24.5 | 19.3 | 14.5 | 10.0 | 6.5 | 2.9 | 0.0 |
| -72.5° | 21.0 | 16.5 | 12.3 | 8.7 | 5.8 | 2.5 | 0.0 |
| -75° | 17.4 | 13.6 | 10.1 | 7.5 | 5.0 | 2.2 | 0.0 |
| -77.5° | 13.8 | 10.7 | 8.4 | 6.3 | 4.2 | 1.8 | 0.0 |
| -80° | 10.1 | 8.4 | 6.7 | 5.0 | 3.4 | 1.5 | 0.0 |
| -82.5° | 7.5 | 6.3 | 5.0 | 3.8 | 2.5 | 1.1 | 0.0 |
| -85° | 5.0 | 4.2 | 3.4 | 2.5 | 1.7 | 0.7 | 0.0 |
| -87.5° | 2.5 | 2.1 | 1.7 | 1.3 | 0.8 | 0.4 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)