

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: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-727-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N87
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17101.4 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 20093.4 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 11350.9 lumens
Beam Efficiency: 66.4%

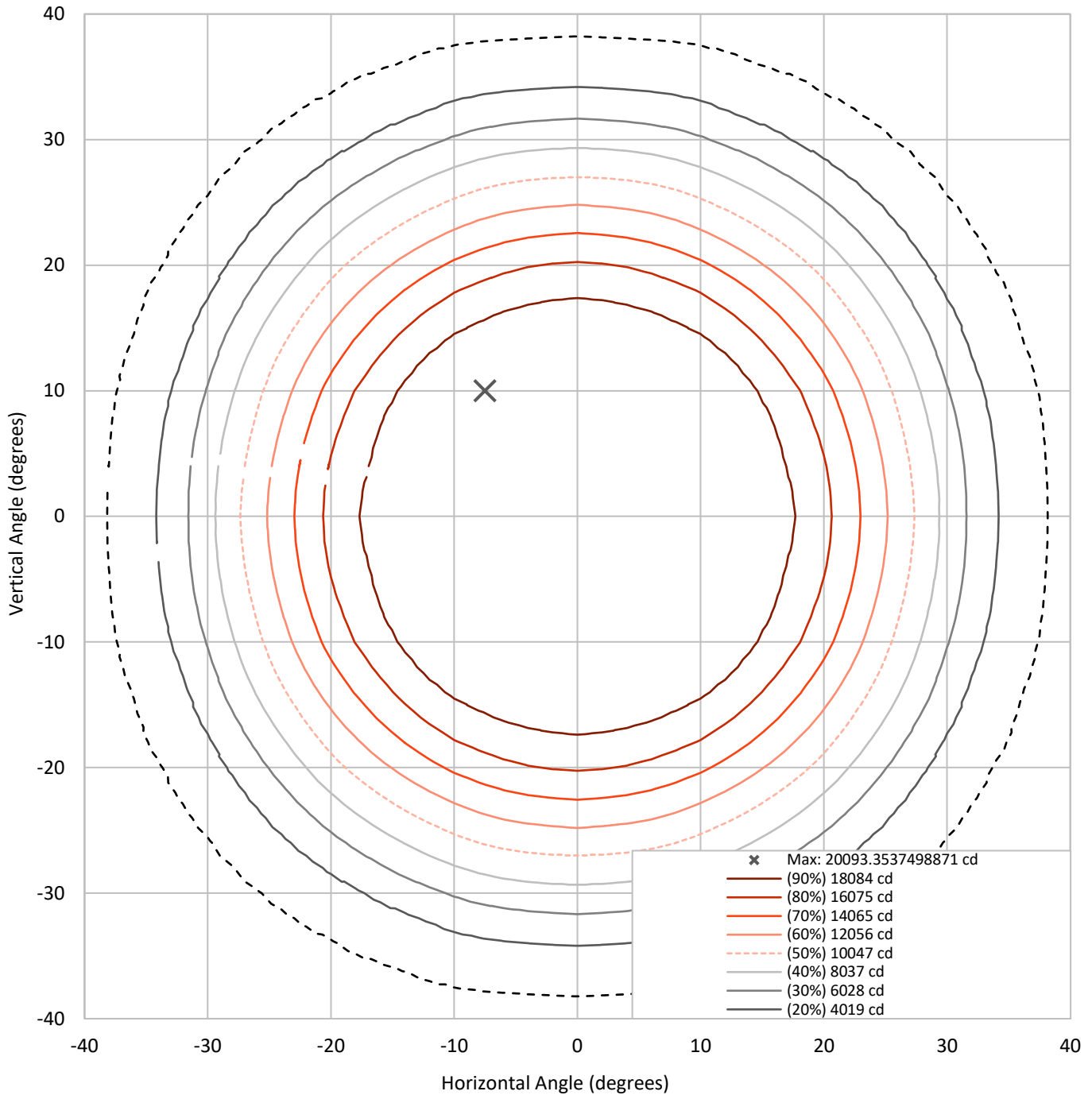
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 14759.4 lumens
Field Efficiency: 86.3%

Input Watts (W): 129.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

Iso-Candela Plot





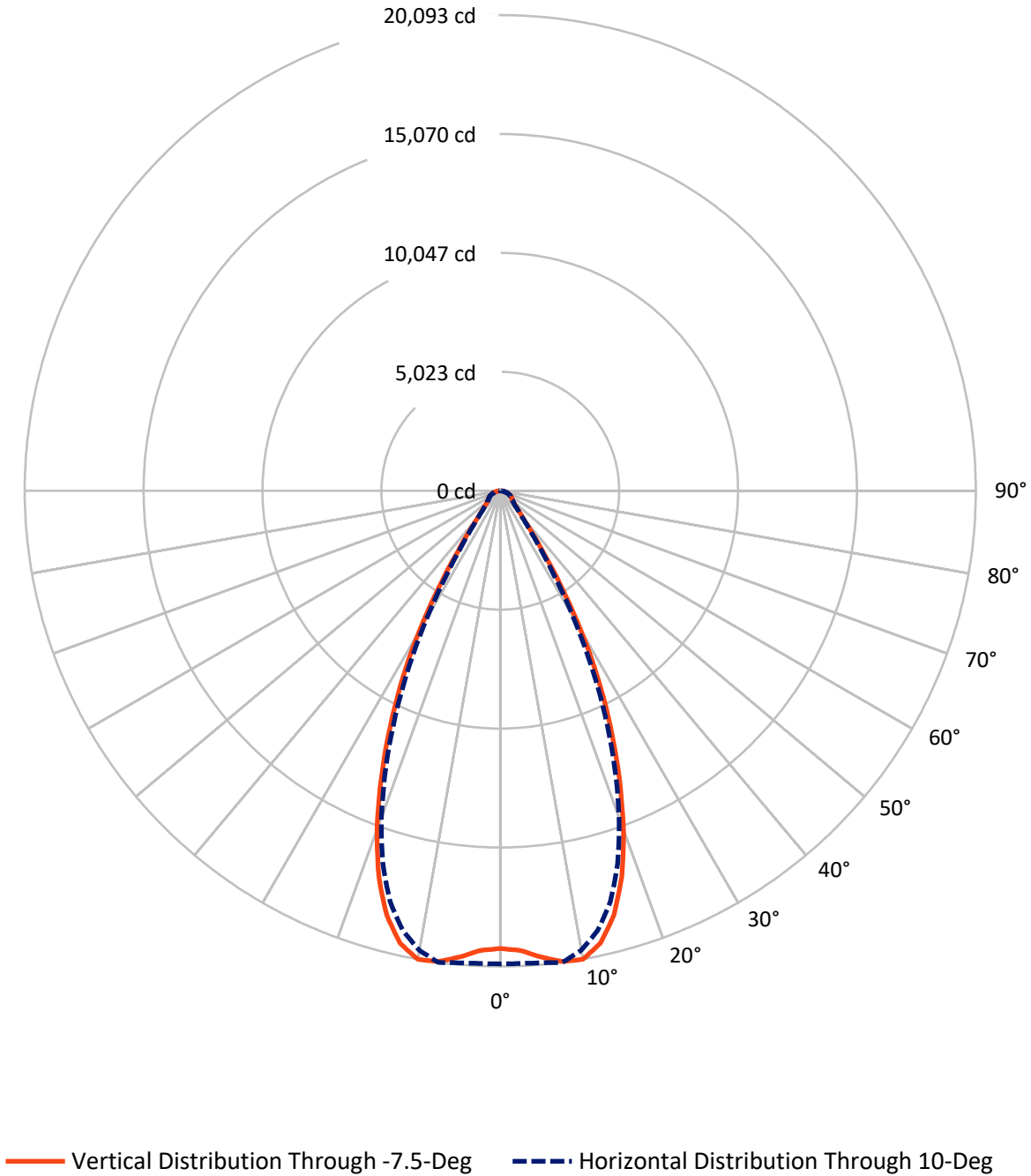
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 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|----|----|----|
| 90 | 0.4 | 4.0 | 10.7 | 17.0 | 19.0 | 17.0 | 10.7 | 4.0 | 0.4 | | | | | | | | | | |
| 80 | 0.4 | 4.0 | 10.7 | 17.0 | 19.0 | 17.0 | 10.7 | 4.0 | 0.4 | | | | | | | | | | |
| 70 | 1.8 | 2.1 | 4.2 | 6.8 | 9.6 | 11.6 | 13.1 | 13.9 | 13.9 | 13.1 | 11.6 | 9.6 | 6.8 | 4.2 | 2.1 | 1.8 | | | |
| 60 | | 3.1 | 6.2 | 9.9 | 13.2 | 16.0 | 17.9 | 18.6 | 18.6 | 17.9 | 16.0 | 13.2 | 9.9 | 6.2 | 3.1 | | | | |
| 50 | 3.2 | 4.0 | 7.8 | 12.0 | 16.0 | 20.9 | 26.3 | 30.2 | 30.2 | 26.3 | 20.9 | 16.0 | 12.0 | 7.8 | 4.0 | 3.2 | | | |
| 40 | | 4.7 | 9.1 | 13.8 | 21.3 | 38.9 | 74.4 | 110.3 | 110.3 | 74.4 | 38.9 | 21.3 | 13.8 | 9.1 | 4.7 | | | | |
| 30 | 4.2 | 5.3 | 9.9 | 16.1 | 35.0 | 109.8 | 246.3 | 343.9 | 343.9 | 246.3 | 109.8 | 35.0 | 16.1 | 9.9 | 5.3 | 4.2 | | | |
| 20 | | 5.6 | 10.4 | 19.1 | 63.3 | 234.0 | 446.9 | 559.4 | 559.4 | 446.9 | 234.0 | 63.3 | 19.1 | 10.4 | 5.6 | | | | |
| 10 | 4.5 | 5.8 | 10.7 | 21.5 | 91.2 | 320.3 | 542.2 | 589.9 | 589.9 | 542.2 | 320.3 | 91.2 | 21.5 | 10.7 | 5.8 | 4.5 | | | |
| 0 | | 5.8 | 10.7 | 21.5 | 91.2 | 320.3 | 542.2 | 589.9 | 589.9 | 542.2 | 320.3 | 91.2 | 21.5 | 10.7 | 5.8 | | | | |
| -10 | 4.2 | 5.6 | 10.4 | 19.1 | 63.3 | 234.0 | 446.9 | 559.4 | 559.4 | 446.9 | 234.0 | 63.3 | 19.1 | 10.4 | 5.6 | 4.2 | | | |
| -20 | | 5.3 | 9.9 | 16.1 | 35.0 | 109.8 | 246.3 | 343.9 | 343.9 | 246.3 | 109.8 | 35.0 | 16.1 | 9.9 | 5.3 | | | | |
| -30 | 3.2 | 4.7 | 9.1 | 13.8 | 21.3 | 38.9 | 74.4 | 110.3 | 110.3 | 74.4 | 38.9 | 21.3 | 13.8 | 9.1 | 4.7 | 3.2 | | | |
| -40 | | 4.0 | 7.8 | 12.0 | 16.0 | 20.9 | 26.3 | 30.2 | 30.2 | 26.3 | 20.9 | 16.0 | 12.0 | 7.8 | 4.0 | | | | |
| -50 | 1.8 | 3.1 | 6.2 | 9.9 | 13.2 | 16.0 | 17.9 | 18.6 | 18.6 | 17.9 | 16.0 | 13.2 | 9.9 | 6.2 | 3.1 | 1.8 | | | |
| -60 | | 2.1 | 4.2 | 6.8 | 9.6 | 11.6 | 13.1 | 13.9 | 13.9 | 13.1 | 11.6 | 9.6 | 6.8 | 4.2 | 2.1 | | | | |
| -70 | 0.4 | 4.0 | 10.7 | 17.0 | 19.0 | 17.0 | 10.7 | 4.0 | 0.4 | | | | | | 0.4 | | | | |
| -80 | | 4.0 | 10.7 | 17.0 | 19.0 | 17.0 | 10.7 | 4.0 | 0.4 | | | | | | | | | | |
| -90 | 0.4 | 4.0 | 10.7 | 17.0 | 19.0 | 17.0 | 10.7 | 4.0 | 0.4 | | | | | | 0.4 | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

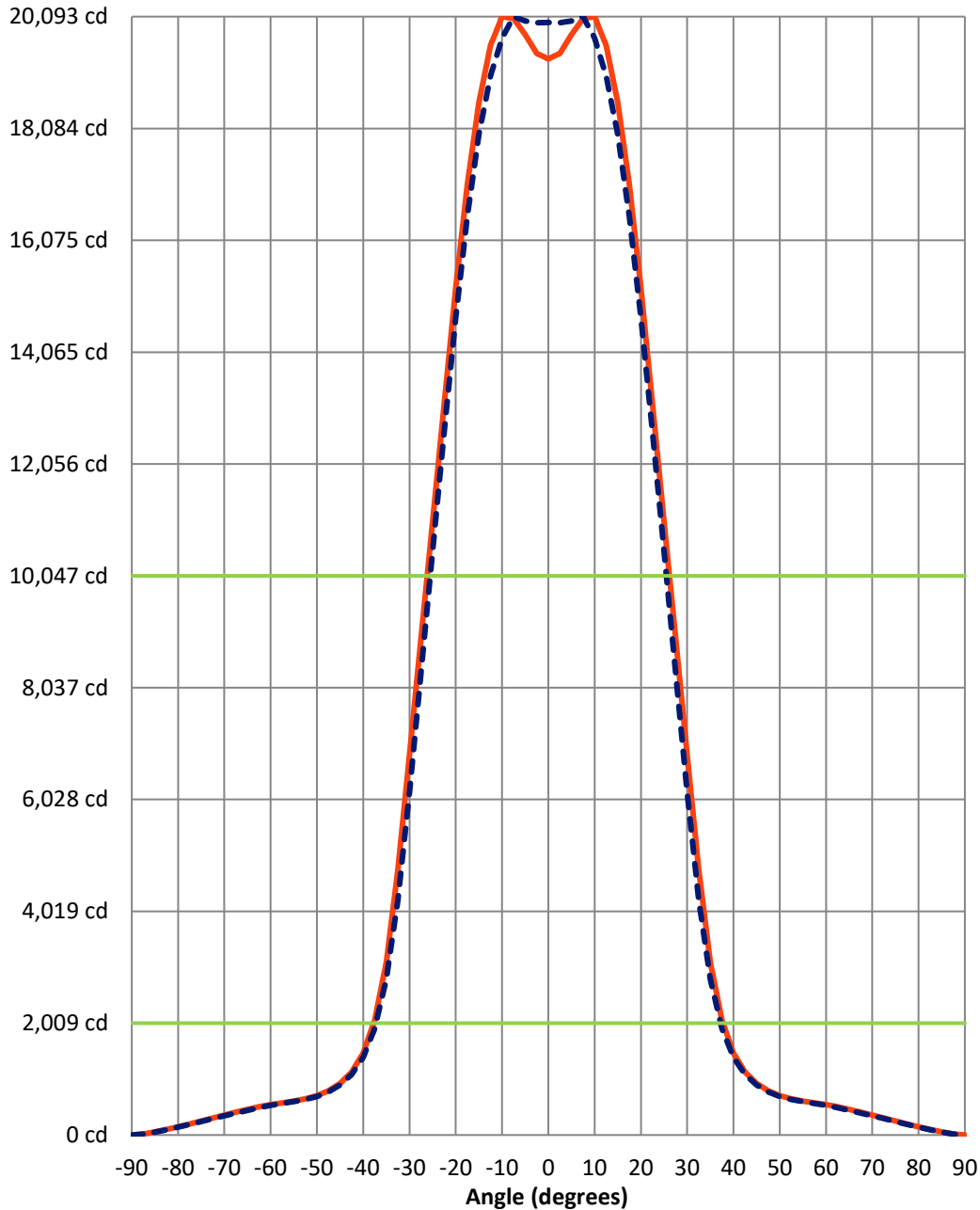
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CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 11350.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 14759.4
 Efficiency: 86.3%

Spill:
 Lumens: 2342
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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 | 0.8 | 1.5 | 2.3 | 3.1 | 3.8 | 4.6 | 5.6 | 6.6 | 7.7 | 8.9 |
| 85° | 0.0 | 1.5 | 3.1 | 4.6 | 6.1 | 7.6 | 9.1 | 11.1 | 13.2 | 15.4 | 17.8 |
| 82.5° | 0.0 | 2.3 | 4.6 | 6.9 | 9.1 | 11.4 | 13.6 | 16.6 | 20.2 | 25.4 | 30.4 |
| 80° | 0.0 | 3.1 | 6.1 | 9.1 | 12.2 | 15.2 | 18.8 | 25.9 | 32.7 | 39.1 | 45.1 |
| 77.5° | 0.0 | 3.8 | 7.6 | 11.4 | 15.2 | 20.5 | 28.6 | 37.0 | 45.1 | 52.7 | 60.8 |
| 75° | 0.0 | 4.6 | 9.1 | 13.6 | 18.8 | 28.6 | 38.4 | 48.1 | 57.7 | 68.8 | 79.7 |
| 72.5° | 0.0 | 5.3 | 10.6 | 15.8 | 25.2 | 36.7 | 48.0 | 59.7 | 72.8 | 85.7 | 98.4 |
| 70° | 0.0 | 6.0 | 12.0 | 18.5 | 31.6 | 44.6 | 57.7 | 72.8 | 87.7 | 102.4 | 117.8 |
| 67.5° | 0.0 | 6.7 | 13.5 | 23.2 | 37.9 | 52.4 | 68.7 | 85.7 | 102.4 | 119.6 | 137.1 |
| 65° | 0.0 | 7.4 | 14.9 | 27.9 | 44.0 | 60.7 | 79.5 | 98.4 | 117.2 | 136.4 | 156.9 |
| 62.5° | 0.0 | 8.1 | 16.2 | 32.4 | 50.1 | 69.4 | 89.9 | 110.8 | 131.6 | 153.4 | 178.1 |
| 60° | 0.0 | 8.8 | 17.6 | 36.8 | 56.0 | 77.8 | 100.2 | 123.0 | 145.7 | 171.8 | 198.7 |
| 57.5° | 0.0 | 9.5 | 20.4 | 41.2 | 62.4 | 85.9 | 110.4 | 134.9 | 161.0 | 189.7 | 218.2 |
| 55° | 0.0 | 10.1 | 23.2 | 45.4 | 68.7 | 93.9 | 120.4 | 146.5 | 176.2 | 206.8 | 236.8 |
| 52.5° | 0.0 | 10.7 | 25.8 | 49.4 | 74.8 | 101.6 | 130.2 | 159.2 | 190.9 | 223.2 | 255.0 |
| 50° | 0.0 | 11.3 | 28.4 | 53.4 | 80.6 | 109.6 | 139.8 | 171.6 | 205.0 | 239.0 | 272.6 |
| 47.5° | 0.0 | 11.9 | 30.8 | 57.3 | 86.2 | 117.3 | 149.1 | 183.5 | 218.6 | 254.2 | 289.5 |
| 45° | 0.0 | 12.4 | 33.2 | 61.3 | 91.6 | 124.8 | 158.9 | 194.9 | 231.7 | 268.9 | 305.8 |
| 42.5° | 0.0 | 13.0 | 35.4 | 65.1 | 96.7 | 132.0 | 168.1 | 205.8 | 244.1 | 282.9 | 321.3 |
| 40° | 0.0 | 13.5 | 37.5 | 68.6 | 101.8 | 138.9 | 176.9 | 216.0 | 255.9 | 296.3 | 336.1 |
| 37.5° | 0.0 | 14.0 | 39.5 | 71.9 | 107.1 | 145.5 | 185.2 | 225.7 | 267.4 | 309.3 | 350.4 |
| 35° | 0.0 | 14.4 | 41.3 | 75.0 | 112.0 | 151.9 | 193.0 | 234.7 | 278.3 | 321.4 | 363.7 |
| 32.5° | 0.0 | 14.8 | 43.0 | 77.9 | 116.7 | 158.0 | 200.2 | 243.1 | 288.6 | 332.6 | 375.4 |
| 30° | 0.0 | 15.2 | 44.6 | 80.6 | 121.1 | 163.7 | 206.9 | 251.1 | 298.4 | 343.0 | 386.3 |
| 27.5° | 0.0 | 15.6 | 46.0 | 83.0 | 125.0 | 168.9 | 213.1 | 258.8 | 307.3 | 352.5 | 396.4 |
| 25° | 0.0 | 16.0 | 47.3 | 85.3 | 128.6 | 173.6 | 218.7 | 266.0 | 315.0 | 360.9 | 405.6 |
| 22.5° | 0.0 | 16.3 | 48.5 | 87.3 | 131.8 | 177.8 | 223.7 | 272.6 | 321.9 | 368.3 | 414.0 |
| 20° | 0.0 | 16.5 | 49.5 | 89.1 | 134.6 | 181.4 | 228.1 | 278.6 | 328.1 | 375.0 | 421.4 |
| 17.5° | 0.0 | 16.8 | 50.4 | 90.6 | 137.1 | 184.5 | 232.1 | 283.8 | 333.4 | 380.8 | 428.0 |
| 15° | 0.0 | 17.0 | 51.2 | 92.0 | 139.3 | 187.2 | 235.7 | 288.6 | 337.9 | 385.8 | 433.6 |
| 12.5° | 0.0 | 17.2 | 51.8 | 93.1 | 141.0 | 189.4 | 238.9 | 292.8 | 341.9 | 389.9 | 438.2 |
| 10° | 0.0 | 17.3 | 52.2 | 93.9 | 142.4 | 191.1 | 241.5 | 296.2 | 345.4 | 393.8 | 442.1 |
| 7.5° | 0.0 | 17.4 | 52.6 | 94.5 | 143.4 | 192.4 | 243.5 | 298.9 | 348.1 | 396.9 | 445.6 |
| 5° | 0.0 | 17.5 | 52.7 | 94.9 | 144.1 | 193.2 | 245.0 | 300.9 | 350.0 | 399.1 | 448.1 |
| 2.5° | 0.0 | 17.6 | 52.8 | 95.0 | 144.3 | 193.5 | 245.9 | 302.0 | 351.2 | 400.5 | 449.6 |
| 0° | 0.0 | 17.6 | 52.7 | 94.9 | 144.2 | 193.4 | 246.2 | 302.4 | 351.6 | 400.9 | 450.1 |
| -2.5° | 0.0 | 17.6 | 52.8 | 95.0 | 144.3 | 193.5 | 245.9 | 302.0 | 351.2 | 400.5 | 449.6 |
| -5° | 0.0 | 17.5 | 52.7 | 94.9 | 144.1 | 193.2 | 245.0 | 300.9 | 350.0 | 399.1 | 448.1 |
| -7.5° | 0.0 | 17.4 | 52.6 | 94.5 | 143.4 | 192.4 | 243.5 | 298.9 | 348.1 | 396.9 | 445.6 |
| -10° | 0.0 | 17.3 | 52.2 | 93.9 | 142.4 | 191.1 | 241.5 | 296.2 | 345.4 | 393.8 | 442.1 |
| -12.5° | 0.0 | 17.2 | 51.8 | 93.1 | 141.0 | 189.4 | 238.9 | 292.8 | 341.9 | 389.9 | 438.2 |
| -15° | 0.0 | 17.0 | 51.2 | 92.0 | 139.3 | 187.2 | 235.7 | 288.6 | 337.9 | 385.8 | 433.6 |
| -17.5° | 0.0 | 16.8 | 50.4 | 90.6 | 137.1 | 184.5 | 232.1 | 283.8 | 333.4 | 380.8 | 428.0 |
| -20° | 0.0 | 16.5 | 49.5 | 89.1 | 134.6 | 181.4 | 228.1 | 278.6 | 328.1 | 375.0 | 421.4 |

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Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 16.3 | 48.5 | 87.3 | 131.8 | 177.8 | 223.7 | 272.6 | 321.9 | 368.3 | 414.0 |
| -25° | 0.0 | 16.0 | 47.3 | 85.3 | 128.6 | 173.6 | 218.7 | 266.0 | 315.0 | 360.9 | 405.6 |
| -27.5° | 0.0 | 15.6 | 46.0 | 83.0 | 125.0 | 168.9 | 213.1 | 258.8 | 307.3 | 352.5 | 396.4 |
| -30° | 0.0 | 15.2 | 44.6 | 80.6 | 121.1 | 163.7 | 206.9 | 251.1 | 298.4 | 343.0 | 386.3 |
| -32.5° | 0.0 | 14.8 | 43.0 | 77.9 | 116.7 | 158.0 | 200.2 | 243.1 | 288.6 | 332.6 | 375.4 |
| -35° | 0.0 | 14.4 | 41.3 | 75.0 | 112.0 | 151.9 | 193.0 | 234.7 | 278.3 | 321.4 | 363.7 |
| -37.5° | 0.0 | 14.0 | 39.5 | 71.9 | 107.1 | 145.5 | 185.2 | 225.7 | 267.4 | 309.3 | 350.4 |
| -40° | 0.0 | 13.5 | 37.5 | 68.6 | 101.8 | 138.9 | 176.9 | 216.0 | 255.9 | 296.3 | 336.1 |
| -42.5° | 0.0 | 13.0 | 35.4 | 65.1 | 96.7 | 132.0 | 168.1 | 205.8 | 244.1 | 282.9 | 321.3 |
| -45° | 0.0 | 12.4 | 33.2 | 61.3 | 91.6 | 124.8 | 158.9 | 194.9 | 231.7 | 268.9 | 305.8 |
| -47.5° | 0.0 | 11.9 | 30.8 | 57.3 | 86.2 | 117.3 | 149.1 | 183.5 | 218.6 | 254.2 | 289.5 |
| -50° | 0.0 | 11.3 | 28.4 | 53.4 | 80.6 | 109.6 | 139.8 | 171.6 | 205.0 | 239.0 | 272.6 |
| -52.5° | 0.0 | 10.7 | 25.8 | 49.4 | 74.8 | 101.6 | 130.2 | 159.2 | 190.9 | 223.2 | 255.0 |
| -55° | 0.0 | 10.1 | 23.2 | 45.4 | 68.7 | 93.9 | 120.4 | 146.5 | 176.2 | 206.8 | 236.8 |
| -57.5° | 0.0 | 9.5 | 20.4 | 41.2 | 62.4 | 85.9 | 110.4 | 134.9 | 161.0 | 189.7 | 218.2 |
| -60° | 0.0 | 8.8 | 17.6 | 36.8 | 56.0 | 77.8 | 100.2 | 123.0 | 145.7 | 171.8 | 198.7 |
| -62.5° | 0.0 | 8.1 | 16.2 | 32.4 | 50.1 | 69.4 | 89.9 | 110.8 | 131.6 | 153.4 | 178.1 |
| -65° | 0.0 | 7.4 | 14.9 | 27.9 | 44.0 | 60.7 | 79.5 | 98.4 | 117.2 | 136.4 | 156.9 |
| -67.5° | 0.0 | 6.7 | 13.5 | 23.2 | 37.9 | 52.4 | 68.7 | 85.7 | 102.4 | 119.6 | 137.1 |
| -70° | 0.0 | 6.0 | 12.0 | 18.5 | 31.6 | 44.6 | 57.7 | 72.8 | 87.7 | 102.4 | 117.8 |
| -72.5° | 0.0 | 5.3 | 10.6 | 15.8 | 25.2 | 36.7 | 48.0 | 59.7 | 72.8 | 85.7 | 98.4 |
| -75° | 0.0 | 4.6 | 9.1 | 13.6 | 18.8 | 28.6 | 38.4 | 48.1 | 57.7 | 68.8 | 79.7 |
| -77.5° | 0.0 | 3.8 | 7.6 | 11.4 | 15.2 | 20.5 | 28.6 | 37.0 | 45.1 | 52.7 | 60.8 |
| -80° | 0.0 | 3.1 | 6.1 | 9.1 | 12.2 | 15.2 | 18.8 | 25.9 | 32.7 | 39.1 | 45.1 |
| -82.5° | 0.0 | 2.3 | 4.6 | 6.9 | 9.1 | 11.4 | 13.6 | 16.6 | 20.2 | 25.4 | 30.4 |
| -85° | 0.0 | 1.5 | 3.1 | 4.6 | 6.1 | 7.6 | 9.1 | 11.1 | 13.2 | 15.4 | 17.8 |
| -87.5° | 0.0 | 0.8 | 1.5 | 2.3 | 3.1 | 3.8 | 4.6 | 5.6 | 6.6 | 7.7 | 8.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 9.7 | 10.5 | 11.3 | 12.1 | 12.8 | 13.6 | 14.3 | 14.9 | 15.6 | 16.2 | 16.7 |
| 85° | 19.5 | 21.1 | 23.9 | 26.8 | 29.5 | 32.1 | 34.7 | 37.1 | 39.4 | 41.7 | 43.8 |
| 82.5° | 34.9 | 39.4 | 44.1 | 48.8 | 52.9 | 56.9 | 60.8 | 64.8 | 68.8 | 72.8 | 76.7 |
| 80° | 51.3 | 57.6 | 64.9 | 71.8 | 77.8 | 83.6 | 89.1 | 94.5 | 100.2 | 106.4 | 112.7 |
| 77.5° | 70.2 | 79.3 | 87.8 | 95.7 | 103.4 | 111.8 | 119.9 | 127.7 | 135.7 | 143.7 | 151.4 |
| 75° | 90.5 | 100.9 | 111.7 | 122.4 | 132.8 | 142.9 | 152.7 | 162.7 | 172.9 | 182.9 | 192.5 |
| 72.5° | 111.5 | 124.6 | 137.4 | 149.9 | 162.8 | 175.4 | 187.6 | 199.3 | 211.3 | 223.7 | 235.4 |
| 70° | 133.2 | 148.2 | 164.0 | 179.2 | 193.8 | 208.5 | 223.3 | 237.6 | 251.6 | 265.9 | 280.0 |
| 67.5° | 155.2 | 174.0 | 191.8 | 208.7 | 225.8 | 243.1 | 259.8 | 276.9 | 293.5 | 310.1 | 326.0 |
| 65° | 179.4 | 199.9 | 219.4 | 238.7 | 258.1 | 278.4 | 298.2 | 317.3 | 336.5 | 355.1 | 371.8 |
| 62.5° | 203.1 | 224.9 | 246.4 | 268.4 | 291.6 | 314.4 | 336.0 | 357.9 | 380.2 | 399.7 | 416.6 |
| 60° | 224.9 | 249.1 | 273.2 | 298.3 | 323.9 | 348.4 | 372.7 | 396.5 | 420.4 | 442.8 | 456.6 |
| 57.5° | 245.9 | 272.7 | 299.4 | 326.5 | 353.4 | 380.8 | 406.2 | 432.4 | 454.7 | 473.6 | 489.6 |
| 55° | 266.4 | 295.5 | 324.0 | 352.3 | 381.5 | 410.1 | 437.7 | 462.6 | 484.4 | 500.1 | 515.5 |
| 52.5° | 286.4 | 317.1 | 346.4 | 377.1 | 408.1 | 438.4 | 467.4 | 490.4 | 508.2 | 524.3 | 538.7 |
| 50° | 305.7 | 336.9 | 367.9 | 401.2 | 433.9 | 466.0 | 493.2 | 513.4 | 531.5 | 547.2 | 562.4 |
| 47.5° | 323.9 | 356.4 | 389.5 | 424.5 | 458.9 | 490.0 | 514.9 | 536.0 | 554.6 | 571.5 | 589.4 |
| 45° | 341.3 | 375.8 | 410.8 | 446.9 | 482.1 | 512.1 | 536.1 | 558.9 | 576.3 | 595.4 | 615.9 |
| 42.5° | 358.3 | 394.5 | 431.2 | 468.5 | 504.0 | 532.0 | 556.1 | 577.0 | 597.4 | 620.0 | 644.8 |
| 40° | 374.3 | 412.1 | 450.4 | 489.2 | 524.6 | 549.5 | 573.1 | 595.2 | 620.0 | 646.9 | 675.5 |
| 37.5° | 389.5 | 428.6 | 468.4 | 508.7 | 539.8 | 565.4 | 589.6 | 614.2 | 643.1 | 674.2 | 713.1 |
| 35° | 403.6 | 444.1 | 485.2 | 523.9 | 553.5 | 580.6 | 605.6 | 633.1 | 666.8 | 707.4 | 757.3 |
| 32.5° | 416.6 | 458.3 | 500.6 | 536.2 | 566.0 | 594.2 | 619.8 | 654.1 | 694.6 | 742.9 | 813.6 |
| 30° | 428.7 | 471.4 | 513.9 | 548.2 | 577.3 | 605.6 | 636.8 | 675.5 | 722.8 | 793.4 | 883.9 |
| 27.5° | 439.9 | 483.2 | 524.2 | 558.2 | 587.4 | 616.6 | 653.1 | 700.0 | 762.3 | 846.6 | 959.0 |
| 25° | 450.1 | 494.6 | 534.2 | 566.6 | 596.8 | 629.1 | 668.8 | 721.5 | 803.5 | 912.3 | 1064.2 |
| 22.5° | 459.5 | 504.8 | 543.7 | 573.9 | 605.6 | 640.6 | 686.9 | 752.8 | 847.3 | 974.4 | 1170.3 |
| 20° | 467.8 | 512.5 | 550.8 | 580.7 | 613.7 | 650.1 | 703.1 | 782.5 | 896.5 | 1061.0 | 1311.1 |
| 17.5° | 475.0 | 519.3 | 556.1 | 587.4 | 621.6 | 660.9 | 718.7 | 808.3 | 940.1 | 1136.6 | 1453.5 |
| 15° | 481.3 | 525.1 | 560.6 | 593.0 | 628.5 | 673.2 | 740.6 | 841.9 | 990.9 | 1215.3 | 1577.5 |
| 12.5° | 486.4 | 529.8 | 564.3 | 597.6 | 634.1 | 683.5 | 759.3 | 873.6 | 1043.5 | 1311.9 | 1760.3 |
| 10° | 490.5 | 533.6 | 567.1 | 601.2 | 638.6 | 691.7 | 774.5 | 899.5 | 1087.1 | 1395.6 | 1916.3 |
| 7.5° | 494.3 | 536.3 | 569.1 | 603.7 | 641.7 | 697.9 | 786.1 | 919.5 | 1120.6 | 1461.3 | 2039.7 |
| 5° | 497.1 | 538.0 | 570.2 | 605.2 | 644.4 | 701.9 | 793.9 | 933.3 | 1143.7 | 1508.3 | 2126.5 |
| 2.5° | 498.7 | 538.5 | 570.4 | 605.5 | 646.3 | 703.7 | 798.0 | 941.0 | 1161.9 | 1530.5 | 2173.2 |
| 0° | 499.3 | 538.0 | 569.7 | 604.8 | 647.0 | 703.3 | 798.2 | 942.4 | 1171.0 | 1529.7 | 2180.2 |
| -2.5° | 498.7 | 538.5 | 570.4 | 605.5 | 646.3 | 703.7 | 798.0 | 941.0 | 1161.9 | 1530.5 | 2173.2 |
| -5° | 497.1 | 538.0 | 570.2 | 605.2 | 644.4 | 701.9 | 793.9 | 933.3 | 1143.7 | 1508.3 | 2126.5 |
| -7.5° | 494.3 | 536.3 | 569.1 | 603.7 | 641.7 | 697.9 | 786.1 | 919.5 | 1120.6 | 1461.3 | 2039.7 |
| -10° | 490.5 | 533.6 | 567.1 | 601.2 | 638.6 | 691.7 | 774.5 | 899.5 | 1087.1 | 1395.6 | 1916.3 |
| -12.5° | 486.4 | 529.8 | 564.3 | 597.6 | 634.1 | 683.5 | 759.3 | 873.6 | 1043.5 | 1311.9 | 1760.3 |
| -15° | 481.3 | 525.1 | 560.6 | 593.0 | 628.5 | 673.2 | 740.6 | 841.9 | 990.9 | 1215.3 | 1577.5 |
| -17.5° | 475.0 | 519.3 | 556.1 | 587.4 | 621.6 | 660.9 | 718.7 | 808.3 | 940.1 | 1136.6 | 1453.5 |
| -20° | 467.8 | 512.5 | 550.8 | 580.7 | 613.7 | 650.1 | 703.1 | 782.5 | 896.5 | 1061.0 | 1311.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 459.5 | 504.8 | 543.7 | 573.9 | 605.6 | 640.6 | 686.9 | 752.8 | 847.3 | 974.4 | 1170.3 |
| -25° | 450.1 | 494.6 | 534.2 | 566.6 | 596.8 | 629.1 | 668.8 | 721.5 | 803.5 | 912.3 | 1064.2 |
| -27.5° | 439.9 | 483.2 | 524.2 | 558.2 | 587.4 | 616.6 | 653.1 | 700.0 | 762.3 | 846.6 | 959.0 |
| -30° | 428.7 | 471.4 | 513.9 | 548.2 | 577.3 | 605.6 | 636.8 | 675.5 | 722.8 | 793.4 | 883.9 |
| -32.5° | 416.6 | 458.3 | 500.6 | 536.2 | 566.0 | 594.2 | 619.8 | 654.1 | 694.6 | 742.9 | 813.6 |
| -35° | 403.6 | 444.1 | 485.2 | 523.9 | 553.5 | 580.6 | 605.6 | 633.1 | 666.8 | 707.4 | 757.3 |
| -37.5° | 389.5 | 428.6 | 468.4 | 508.7 | 539.8 | 565.4 | 589.6 | 614.2 | 643.1 | 674.2 | 713.1 |
| -40° | 374.3 | 412.1 | 450.4 | 489.2 | 524.6 | 549.5 | 573.1 | 595.2 | 620.0 | 646.9 | 675.5 |
| -42.5° | 358.3 | 394.5 | 431.2 | 468.5 | 504.0 | 532.0 | 556.1 | 577.0 | 597.4 | 620.0 | 644.8 |
| -45° | 341.3 | 375.8 | 410.8 | 446.9 | 482.1 | 512.1 | 536.1 | 558.9 | 576.3 | 595.4 | 615.9 |
| -47.5° | 323.9 | 356.4 | 389.5 | 424.5 | 458.9 | 490.0 | 514.9 | 536.0 | 554.6 | 571.5 | 589.4 |
| -50° | 305.7 | 336.9 | 367.9 | 401.2 | 433.9 | 466.0 | 493.2 | 513.4 | 531.5 | 547.2 | 562.4 |
| -52.5° | 286.4 | 317.1 | 346.4 | 377.1 | 408.1 | 438.4 | 467.4 | 490.4 | 508.2 | 524.3 | 538.7 |
| -55° | 266.4 | 295.5 | 324.0 | 352.3 | 381.5 | 410.1 | 437.7 | 462.6 | 484.4 | 500.1 | 515.5 |
| -57.5° | 245.9 | 272.7 | 299.4 | 326.5 | 353.4 | 380.8 | 406.2 | 432.4 | 454.7 | 473.6 | 489.6 |
| -60° | 224.9 | 249.1 | 273.2 | 298.3 | 323.9 | 348.4 | 372.7 | 396.5 | 420.4 | 442.8 | 456.6 |
| -62.5° | 203.1 | 224.9 | 246.4 | 268.4 | 291.6 | 314.4 | 336.0 | 357.9 | 380.2 | 399.7 | 416.6 |
| -65° | 179.4 | 199.9 | 219.4 | 238.7 | 258.1 | 278.4 | 298.2 | 317.3 | 336.5 | 355.1 | 371.8 |
| -67.5° | 155.2 | 174.0 | 191.8 | 208.7 | 225.8 | 243.1 | 259.8 | 276.9 | 293.5 | 310.1 | 326.0 |
| -70° | 133.2 | 148.2 | 164.0 | 179.2 | 193.8 | 208.5 | 223.3 | 237.6 | 251.6 | 265.9 | 280.0 |
| -72.5° | 111.5 | 124.6 | 137.4 | 149.9 | 162.8 | 175.4 | 187.6 | 199.3 | 211.3 | 223.7 | 235.4 |
| -75° | 90.5 | 100.9 | 111.7 | 122.4 | 132.8 | 142.9 | 152.7 | 162.7 | 172.9 | 182.9 | 192.5 |
| -77.5° | 70.2 | 79.3 | 87.8 | 95.7 | 103.4 | 111.8 | 119.9 | 127.7 | 135.7 | 143.7 | 151.4 |
| -80° | 51.3 | 57.6 | 64.9 | 71.8 | 77.8 | 83.6 | 89.1 | 94.5 | 100.2 | 106.4 | 112.7 |
| -82.5° | 34.9 | 39.4 | 44.1 | 48.8 | 52.9 | 56.9 | 60.8 | 64.8 | 68.8 | 72.8 | 76.7 |
| -85° | 19.5 | 21.1 | 23.9 | 26.8 | 29.5 | 32.1 | 34.7 | 37.1 | 39.4 | 41.7 | 43.8 |
| -87.5° | 9.7 | 10.5 | 11.3 | 12.1 | 12.8 | 13.6 | 14.3 | 14.9 | 15.6 | 16.2 | 16.7 |
| -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: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-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° | 17.3 | 17.1 | 16.8 | 16.4 | 16.0 | 17.1 | 18.2 | 19.3 | 20.4 | 19.7 | 19.1 |
| 85° | 45.8 | 46.8 | 47.7 | 48.4 | 49.1 | 51.2 | 53.3 | 55.3 | 57.1 | 57.1 | 56.9 |
| 82.5° | 80.6 | 83.1 | 85.4 | 87.4 | 89.2 | 91.7 | 94.0 | 96.0 | 97.7 | 98.9 | 100.0 |
| 80° | 118.7 | 122.9 | 126.5 | 129.8 | 132.7 | 136.1 | 139.2 | 142.0 | 144.4 | 145.8 | 146.6 |
| 77.5° | 159.0 | 165.1 | 170.6 | 175.9 | 180.8 | 185.8 | 190.3 | 194.3 | 197.8 | 198.6 | 198.4 |
| 75° | 201.7 | 209.9 | 217.7 | 224.9 | 231.5 | 237.2 | 242.0 | 246.0 | 249.3 | 251.0 | 251.9 |
| 72.5° | 246.6 | 256.8 | 265.9 | 274.1 | 281.2 | 287.0 | 292.1 | 296.5 | 300.3 | 302.6 | 304.0 |
| 70° | 293.5 | 305.5 | 314.9 | 322.6 | 328.7 | 334.5 | 341.0 | 347.3 | 353.1 | 356.4 | 357.7 |
| 67.5° | 340.5 | 353.0 | 361.6 | 368.6 | 374.1 | 379.9 | 388.1 | 395.6 | 402.2 | 406.7 | 409.5 |
| 65° | 386.6 | 399.7 | 408.3 | 415.0 | 420.1 | 425.8 | 435.1 | 442.5 | 448.1 | 452.5 | 456.6 |
| 62.5° | 432.0 | 445.2 | 454.8 | 462.8 | 470.2 | 476.6 | 484.1 | 490.3 | 495.1 | 499.5 | 504.5 |
| 60° | 471.4 | 487.1 | 497.2 | 505.3 | 514.5 | 524.4 | 529.9 | 534.5 | 538.6 | 542.1 | 545.2 |
| 57.5° | 503.6 | 517.6 | 530.5 | 540.3 | 549.8 | 559.0 | 565.6 | 569.9 | 573.5 | 576.1 | 577.2 |
| 55° | 530.5 | 545.0 | 559.4 | 570.0 | 579.4 | 588.0 | 595.2 | 600.9 | 605.6 | 609.2 | 610.1 |
| 52.5° | 554.7 | 570.9 | 585.1 | 597.3 | 609.7 | 619.8 | 627.7 | 635.4 | 642.1 | 647.6 | 649.9 |
| 50° | 581.0 | 598.0 | 615.6 | 632.0 | 645.1 | 656.7 | 666.3 | 677.2 | 688.7 | 698.2 | 704.1 |
| 47.5° | 608.6 | 628.2 | 649.5 | 669.6 | 685.2 | 702.3 | 718.3 | 734.5 | 755.8 | 773.7 | 787.0 |
| 45° | 637.5 | 662.6 | 686.9 | 712.5 | 734.1 | 766.4 | 796.4 | 822.1 | 856.3 | 887.4 | 912.0 |
| 42.5° | 671.6 | 702.9 | 732.7 | 773.7 | 816.6 | 860.7 | 908.4 | 949.1 | 1002.6 | 1057.1 | 1101.1 |
| 40° | 712.0 | 752.0 | 804.6 | 859.6 | 927.3 | 988.0 | 1070.3 | 1143.7 | 1225.8 | 1329.6 | 1415.4 |
| 37.5° | 760.6 | 822.2 | 895.4 | 972.1 | 1077.8 | 1178.7 | 1314.8 | 1458.2 | 1588.2 | 1787.9 | 1955.9 |
| 35° | 823.8 | 909.9 | 1006.3 | 1142.1 | 1291.7 | 1480.8 | 1693.0 | 1969.9 | 2207.4 | 2544.3 | 2866.2 |
| 32.5° | 905.2 | 1015.9 | 1173.3 | 1383.0 | 1604.0 | 1947.5 | 2284.2 | 2765.0 | 3210.3 | 3744.1 | 4320.3 |
| 30° | 995.8 | 1164.3 | 1404.8 | 1692.3 | 2104.7 | 2610.0 | 3203.6 | 3942.0 | 4750.2 | 5500.6 | 6240.0 |
| 27.5° | 1127.1 | 1368.6 | 1684.5 | 2148.5 | 2791.2 | 3498.1 | 4538.1 | 5540.5 | 6586.4 | 7516.1 | 8291.4 |
| 25° | 1280.3 | 1599.5 | 2088.0 | 2771.3 | 3640.4 | 4850.9 | 6095.9 | 7333.0 | 8457.8 | 9431.1 | 10287.8 |
| 22.5° | 1478.3 | 1937.3 | 2588.6 | 3473.5 | 4826.9 | 6277.8 | 7737.7 | 9102.4 | 10302.1 | 11385.9 | 12313.3 |
| 20° | 1693.6 | 2268.0 | 3198.0 | 4517.6 | 6065.3 | 7718.3 | 9366.8 | 10820.4 | 12141.4 | 13370.3 | 14415.5 |
| 17.5° | 1966.5 | 2770.9 | 3948.6 | 5531.7 | 7321.1 | 9132.1 | 10864.0 | 12441.4 | 13940.2 | 15240.5 | 16332.5 |
| 15° | 2199.1 | 3213.8 | 4750.9 | 6607.5 | 8543.0 | 10453.4 | 12281.7 | 13995.2 | 15553.4 | 16887.6 | 17914.2 |
| 12.5° | 2509.3 | 3710.2 | 5463.1 | 7532.4 | 9629.8 | 11639.9 | 13565.8 | 15336.7 | 16922.5 | 18242.0 | 19041.2 |
| 10° | 2802.5 | 4224.1 | 6151.6 | 8309.5 | 10488.5 | 12630.3 | 14686.6 | 16502.8 | 17975.1 | 19024.8 | 19705.9 |
| 7.5° | 3051.8 | 4665.8 | 6711.6 | 8937.7 | 11170.8 | 13410.0 | 15491.5 | 17258.7 | 18616.2 | 19492.8 | 19966.9 |
| 5° | 3237.9 | 4996.0 | 7127.3 | 9448.1 | 11739.6 | 14018.2 | 16083.4 | 17742.3 | 18915.6 | 19566.8 | 19804.9 |
| 2.5° | 3356.6 | 5189.9 | 7368.6 | 9783.0 | 12120.3 | 14402.9 | 16489.3 | 18122.3 | 19117.8 | 19549.4 | 19590.4 |
| 0° | 3404.0 | 5214.9 | 7405.7 | 9958.7 | 12216.3 | 14512.5 | 16604.8 | 18278.7 | 19193.0 | 19548.1 | 19541.1 |
| -2.5° | 3356.6 | 5189.9 | 7368.6 | 9783.0 | 12120.3 | 14402.9 | 16489.3 | 18122.3 | 19117.8 | 19549.4 | 19590.4 |
| -5° | 3237.9 | 4996.0 | 7127.3 | 9448.1 | 11739.6 | 14018.2 | 16083.4 | 17742.3 | 18915.6 | 19566.8 | 19804.9 |
| -7.5° | 3051.8 | 4665.8 | 6711.6 | 8937.7 | 11170.8 | 13410.0 | 15491.5 | 17258.7 | 18616.2 | 19492.8 | 19966.9 |
| -10° | 2802.5 | 4224.1 | 6151.6 | 8309.5 | 10488.5 | 12630.3 | 14686.6 | 16502.8 | 17975.1 | 19024.8 | 19705.9 |
| -12.5° | 2509.3 | 3710.2 | 5463.1 | 7532.4 | 9629.8 | 11639.9 | 13565.8 | 15336.7 | 16922.5 | 18242.0 | 19041.2 |
| -15° | 2199.1 | 3213.8 | 4750.9 | 6607.5 | 8543.0 | 10453.4 | 12281.7 | 13995.2 | 15553.4 | 16887.6 | 17914.2 |
| -17.5° | 1966.5 | 2770.9 | 3948.6 | 5531.7 | 7321.1 | 9132.1 | 10864.0 | 12441.4 | 13940.2 | 15240.5 | 16332.5 |
| -20° | 1693.6 | 2268.0 | 3198.0 | 4517.6 | 6065.3 | 7718.3 | 9366.8 | 10820.4 | 12141.4 | 13370.3 | 14415.5 |

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| -22.5° | 1478.3 | 1937.3 | 2588.6 | 3473.5 | 4826.9 | 6277.8 | 7737.7 | 9102.4 | 10302.1 | 11385.9 | 12313.3 |
| -25° | 1280.3 | 1599.5 | 2088.0 | 2771.3 | 3640.4 | 4850.9 | 6095.9 | 7333.0 | 8457.8 | 9431.1 | 10287.8 |
| -27.5° | 1127.1 | 1368.6 | 1684.5 | 2148.5 | 2791.2 | 3498.1 | 4538.1 | 5540.5 | 6586.4 | 7516.1 | 8291.4 |
| -30° | 995.8 | 1164.3 | 1404.8 | 1692.3 | 2104.7 | 2610.0 | 3203.6 | 3942.0 | 4750.2 | 5500.6 | 6240.0 |
| -32.5° | 905.2 | 1015.9 | 1173.3 | 1383.0 | 1604.0 | 1947.5 | 2284.2 | 2765.0 | 3210.3 | 3744.1 | 4320.3 |
| -35° | 823.8 | 909.9 | 1006.3 | 1142.1 | 1291.7 | 1480.8 | 1693.0 | 1969.9 | 2207.4 | 2544.3 | 2866.2 |
| -37.5° | 760.6 | 822.2 | 895.4 | 972.1 | 1077.8 | 1178.7 | 1314.8 | 1458.2 | 1588.2 | 1787.9 | 1955.9 |
| -40° | 712.0 | 752.0 | 804.6 | 859.6 | 927.3 | 988.0 | 1070.3 | 1143.7 | 1225.8 | 1329.6 | 1415.4 |
| -42.5° | 671.6 | 702.9 | 732.7 | 773.7 | 816.6 | 860.7 | 908.4 | 949.1 | 1002.6 | 1057.1 | 1101.1 |
| -45° | 637.5 | 662.6 | 686.9 | 712.5 | 734.1 | 766.4 | 796.4 | 822.1 | 856.3 | 887.4 | 912.0 |
| -47.5° | 608.6 | 628.2 | 649.5 | 669.6 | 685.2 | 702.3 | 718.3 | 734.5 | 755.8 | 773.7 | 787.0 |
| -50° | 581.0 | 598.0 | 615.6 | 632.0 | 645.1 | 656.7 | 666.3 | 677.2 | 688.7 | 698.2 | 704.1 |
| -52.5° | 554.7 | 570.9 | 585.1 | 597.3 | 609.7 | 619.8 | 627.7 | 635.4 | 642.1 | 647.6 | 649.9 |
| -55° | 530.5 | 545.0 | 559.4 | 570.0 | 579.4 | 588.0 | 595.2 | 600.9 | 605.6 | 609.2 | 610.1 |
| -57.5° | 503.6 | 517.6 | 530.5 | 540.3 | 549.8 | 559.0 | 565.6 | 569.9 | 573.5 | 576.1 | 577.2 |
| -60° | 471.4 | 487.1 | 497.2 | 505.3 | 514.5 | 524.4 | 529.9 | 534.5 | 538.6 | 542.1 | 545.2 |
| -62.5° | 432.0 | 445.2 | 454.8 | 462.8 | 470.2 | 476.6 | 484.1 | 490.3 | 495.1 | 499.5 | 504.5 |
| -65° | 386.6 | 399.7 | 408.3 | 415.0 | 420.1 | 425.8 | 435.1 | 442.5 | 448.1 | 452.5 | 456.6 |
| -67.5° | 340.5 | 353.0 | 361.6 | 368.6 | 374.1 | 379.9 | 388.1 | 395.6 | 402.2 | 406.7 | 409.5 |
| -70° | 293.5 | 305.5 | 314.9 | 322.6 | 328.7 | 334.5 | 341.0 | 347.3 | 353.1 | 356.4 | 357.7 |
| -72.5° | 246.6 | 256.8 | 265.9 | 274.1 | 281.2 | 287.0 | 292.1 | 296.5 | 300.3 | 302.6 | 304.0 |
| -75° | 201.7 | 209.9 | 217.7 | 224.9 | 231.5 | 237.2 | 242.0 | 246.0 | 249.3 | 251.0 | 251.9 |
| -77.5° | 159.0 | 165.1 | 170.6 | 175.9 | 180.8 | 185.8 | 190.3 | 194.3 | 197.8 | 198.6 | 198.4 |
| -80° | 118.7 | 122.9 | 126.5 | 129.8 | 132.7 | 136.1 | 139.2 | 142.0 | 144.4 | 145.8 | 146.6 |
| -82.5° | 80.6 | 83.1 | 85.4 | 87.4 | 89.2 | 91.7 | 94.0 | 96.0 | 97.7 | 98.9 | 100.0 |
| -85° | 45.8 | 46.8 | 47.7 | 48.4 | 49.1 | 51.2 | 53.3 | 55.3 | 57.1 | 57.1 | 56.9 |
| -87.5° | 17.3 | 17.1 | 16.8 | 16.4 | 16.0 | 17.1 | 18.2 | 19.3 | 20.4 | 19.7 | 19.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-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° | 18.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.5 | 18.3 | 19.1 | 19.7 | 20.4 | 19.3 |
| 85° | 56.5 | 56.0 | 54.4 | 52.7 | 54.4 | 56.0 | 56.5 | 56.9 | 57.1 | 57.1 | 55.3 |
| 82.5° | 100.8 | 101.5 | 100.1 | 98.5 | 100.1 | 101.5 | 100.8 | 100.0 | 98.9 | 97.7 | 96.0 |
| 80° | 147.0 | 147.0 | 145.8 | 144.2 | 145.8 | 147.0 | 147.0 | 146.6 | 145.8 | 144.4 | 142.0 |
| 77.5° | 197.5 | 196.1 | 196.7 | 196.9 | 196.7 | 196.1 | 197.5 | 198.4 | 198.6 | 197.8 | 194.3 |
| 75° | 252.2 | 252.0 | 251.2 | 249.7 | 251.2 | 252.0 | 252.2 | 251.9 | 251.0 | 249.3 | 246.0 |
| 72.5° | 304.7 | 304.6 | 303.9 | 302.4 | 303.9 | 304.6 | 304.7 | 304.0 | 302.6 | 300.3 | 296.5 |
| 70° | 358.0 | 357.4 | 358.3 | 358.7 | 358.3 | 357.4 | 358.0 | 357.7 | 356.4 | 353.1 | 347.3 |
| 67.5° | 411.6 | 413.0 | 412.8 | 411.4 | 412.8 | 413.0 | 411.6 | 409.5 | 406.7 | 402.2 | 395.6 |
| 65° | 459.8 | 462.2 | 463.7 | 464.2 | 463.7 | 462.2 | 459.8 | 456.6 | 452.5 | 448.1 | 442.5 |
| 62.5° | 508.4 | 511.2 | 511.3 | 509.9 | 511.3 | 511.2 | 508.4 | 504.5 | 499.5 | 495.1 | 490.3 |
| 60° | 546.9 | 547.3 | 546.7 | 545.1 | 546.7 | 547.3 | 546.9 | 545.2 | 542.1 | 538.6 | 534.5 |
| 57.5° | 577.1 | 576.1 | 574.9 | 573.2 | 574.9 | 576.1 | 577.1 | 577.2 | 576.1 | 573.5 | 569.9 |
| 55° | 609.6 | 608.0 | 606.5 | 604.8 | 606.5 | 608.0 | 609.6 | 610.1 | 609.2 | 605.6 | 600.9 |
| 52.5° | 650.4 | 649.5 | 648.5 | 647.0 | 648.5 | 649.5 | 650.4 | 649.9 | 647.6 | 642.1 | 635.4 |
| 50° | 707.2 | 708.1 | 708.0 | 706.8 | 708.0 | 708.1 | 707.2 | 704.1 | 698.2 | 688.7 | 677.2 |
| 47.5° | 795.5 | 800.2 | 803.4 | 805.3 | 803.4 | 800.2 | 795.5 | 787.0 | 773.7 | 755.8 | 734.5 |
| 45° | 927.8 | 937.2 | 943.9 | 949.5 | 943.9 | 937.2 | 927.8 | 912.0 | 887.4 | 856.3 | 822.1 |
| 42.5° | 1132.0 | 1153.1 | 1163.0 | 1160.4 | 1163.0 | 1153.1 | 1132.0 | 1101.1 | 1057.1 | 1002.6 | 949.1 |
| 40° | 1472.5 | 1506.5 | 1525.2 | 1540.2 | 1525.2 | 1506.5 | 1472.5 | 1415.4 | 1329.6 | 1225.8 | 1143.7 |
| 37.5° | 2070.6 | 2136.5 | 2171.2 | 2201.3 | 2171.2 | 2136.5 | 2070.6 | 1955.9 | 1787.9 | 1588.2 | 1458.2 |
| 35° | 3106.7 | 3254.8 | 3334.2 | 3361.8 | 3334.2 | 3254.8 | 3106.7 | 2866.2 | 2544.3 | 2207.4 | 1969.9 |
| 32.5° | 4768.6 | 5041.9 | 5193.1 | 5309.9 | 5193.1 | 5041.9 | 4768.6 | 4320.3 | 3744.1 | 3210.3 | 2765.0 |
| 30° | 6825.5 | 7185.5 | 7385.4 | 7483.1 | 7385.4 | 7185.5 | 6825.5 | 6240.0 | 5500.6 | 4750.2 | 3942.0 |
| 27.5° | 8934.1 | 9343.3 | 9558.9 | 9547.3 | 9558.9 | 9343.3 | 8934.1 | 8291.4 | 7516.1 | 6586.4 | 5540.5 |
| 25° | 11022.2 | 11496.2 | 11711.0 | 11903.3 | 11711.0 | 11496.2 | 11022.2 | 10287.8 | 9431.1 | 8457.8 | 7333.0 |
| 22.5° | 13134.2 | 13688.4 | 13990.9 | 14132.7 | 13990.9 | 13688.4 | 13134.2 | 12313.3 | 11385.9 | 10302.1 | 9102.4 |
| 20° | 15221.0 | 15838.0 | 16159.1 | 16298.9 | 16159.1 | 15838.0 | 15221.0 | 14415.5 | 13370.3 | 12141.4 | 10820.4 |
| 17.5° | 17071.8 | 17674.1 | 17980.2 | 18109.9 | 17980.2 | 17674.1 | 17071.8 | 16332.5 | 15240.5 | 13940.2 | 12441.4 |
| 15° | 18549.6 | 18993.9 | 19254.2 | 19323.1 | 19254.2 | 18993.9 | 18549.6 | 17914.2 | 16887.6 | 15553.4 | 13995.2 |
| 12.5° | 19571.1 | 19743.2 | 19868.4 | 19906.8 | 19868.4 | 19743.2 | 19571.1 | 19041.2 | 18242.0 | 16922.5 | 15336.7 |
| 10° | 20093.4 | 20015.7 | 19983.6 | 19987.7 | 19983.6 | 20015.7 | 20093.4 | 19705.9 | 19024.8 | 17975.1 | 16502.8 |
| 7.5° | 20057.4 | 19942.4 | 19711.5 | 19674.7 | 19711.5 | 19942.4 | 20057.4 | 19966.9 | 19492.8 | 18616.2 | 17258.7 |
| 5° | 19769.3 | 19559.9 | 19176.6 | 19066.4 | 19176.6 | 19559.9 | 19769.3 | 19804.9 | 19566.8 | 18915.6 | 17742.3 |
| 2.5° | 19433.4 | 19056.0 | 18702.8 | 18475.6 | 18702.8 | 19056.0 | 19433.4 | 19590.4 | 19549.4 | 19117.8 | 18122.3 |
| 0° | 19333.6 | 18897.6 | 18440.4 | 18292.8 | 18440.4 | 18897.6 | 19333.6 | 19541.1 | 19548.1 | 19193.0 | 18278.7 |
| -2.5° | 19433.4 | 19056.0 | 18702.8 | 18475.6 | 18702.8 | 19056.0 | 19433.4 | 19590.4 | 19549.4 | 19117.8 | 18122.3 |
| -5° | 19769.3 | 19559.9 | 19176.6 | 19066.4 | 19176.6 | 19559.9 | 19769.3 | 19804.9 | 19566.8 | 18915.6 | 17742.3 |
| -7.5° | 20057.4 | 19942.4 | 19711.5 | 19674.7 | 19711.5 | 19942.4 | 20057.4 | 19966.9 | 19492.8 | 18616.2 | 17258.7 |
| -10° | 20093.4 | 20015.7 | 19983.6 | 19987.7 | 19983.6 | 20015.7 | 20093.4 | 19705.9 | 19024.8 | 17975.1 | 16502.8 |
| -12.5° | 19571.1 | 19743.2 | 19868.4 | 19906.8 | 19868.4 | 19743.2 | 19571.1 | 19041.2 | 18242.0 | 16922.5 | 15336.7 |
| -15° | 18549.6 | 18993.9 | 19254.2 | 19323.1 | 19254.2 | 18993.9 | 18549.6 | 17914.2 | 16887.6 | 15553.4 | 13995.2 |
| -17.5° | 17071.8 | 17674.1 | 17980.2 | 18109.9 | 17980.2 | 17674.1 | 17071.8 | 16332.5 | 15240.5 | 13940.2 | 12441.4 |
| -20° | 15221.0 | 15838.0 | 16159.1 | 16298.9 | 16159.1 | 15838.0 | 15221.0 | 14415.5 | 13370.3 | 12141.4 | 10820.4 |



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| -22.5° | 13134.2 | 13688.4 | 13990.9 | 14132.7 | 13990.9 | 13688.4 | 13134.2 | 12313.3 | 11385.9 | 10302.1 | 9102.4 |
| -25° | 11022.2 | 11496.2 | 11711.0 | 11903.3 | 11711.0 | 11496.2 | 11022.2 | 10287.8 | 9431.1 | 8457.8 | 7333.0 |
| -27.5° | 8934.1 | 9343.3 | 9558.9 | 9547.3 | 9558.9 | 9343.3 | 8934.1 | 8291.4 | 7516.1 | 6586.4 | 5540.5 |
| -30° | 6825.5 | 7185.5 | 7385.4 | 7483.1 | 7385.4 | 7185.5 | 6825.5 | 6240.0 | 5500.6 | 4750.2 | 3942.0 |
| -32.5° | 4768.6 | 5041.9 | 5193.1 | 5309.9 | 5193.1 | 5041.9 | 4768.6 | 4320.3 | 3744.1 | 3210.3 | 2765.0 |
| -35° | 3106.7 | 3254.8 | 3334.2 | 3361.8 | 3334.2 | 3254.8 | 3106.7 | 2866.2 | 2544.3 | 2207.4 | 1969.9 |
| -37.5° | 2070.6 | 2136.5 | 2171.2 | 2201.3 | 2171.2 | 2136.5 | 2070.6 | 1955.9 | 1787.9 | 1588.2 | 1458.2 |
| -40° | 1472.5 | 1506.5 | 1525.2 | 1540.2 | 1525.2 | 1506.5 | 1472.5 | 1415.4 | 1329.6 | 1225.8 | 1143.7 |
| -42.5° | 1132.0 | 1153.1 | 1163.0 | 1160.4 | 1163.0 | 1153.1 | 1132.0 | 1101.1 | 1057.1 | 1002.6 | 949.1 |
| -45° | 927.8 | 937.2 | 943.9 | 949.5 | 943.9 | 937.2 | 927.8 | 912.0 | 887.4 | 856.3 | 822.1 |
| -47.5° | 795.5 | 800.2 | 803.4 | 805.3 | 803.4 | 800.2 | 795.5 | 787.0 | 773.7 | 755.8 | 734.5 |
| -50° | 707.2 | 708.1 | 708.0 | 706.8 | 708.0 | 708.1 | 707.2 | 704.1 | 698.2 | 688.7 | 677.2 |
| -52.5° | 650.4 | 649.5 | 648.5 | 647.0 | 648.5 | 649.5 | 650.4 | 649.9 | 647.6 | 642.1 | 635.4 |
| -55° | 609.6 | 608.0 | 606.5 | 604.8 | 606.5 | 608.0 | 609.6 | 610.1 | 609.2 | 605.6 | 600.9 |
| -57.5° | 577.1 | 576.1 | 574.9 | 573.2 | 574.9 | 576.1 | 577.1 | 577.2 | 576.1 | 573.5 | 569.9 |
| -60° | 546.9 | 547.3 | 546.7 | 545.1 | 546.7 | 547.3 | 546.9 | 545.2 | 542.1 | 538.6 | 534.5 |
| -62.5° | 508.4 | 511.2 | 511.3 | 509.9 | 511.3 | 511.2 | 508.4 | 504.5 | 499.5 | 495.1 | 490.3 |
| -65° | 459.8 | 462.2 | 463.7 | 464.2 | 463.7 | 462.2 | 459.8 | 456.6 | 452.5 | 448.1 | 442.5 |
| -67.5° | 411.6 | 413.0 | 412.8 | 411.4 | 412.8 | 413.0 | 411.6 | 409.5 | 406.7 | 402.2 | 395.6 |
| -70° | 358.0 | 357.4 | 358.3 | 358.7 | 358.3 | 357.4 | 358.0 | 357.7 | 356.4 | 353.1 | 347.3 |
| -72.5° | 304.7 | 304.6 | 303.9 | 302.4 | 303.9 | 304.6 | 304.7 | 304.0 | 302.6 | 300.3 | 296.5 |
| -75° | 252.2 | 252.0 | 251.2 | 249.7 | 251.2 | 252.0 | 252.2 | 251.9 | 251.0 | 249.3 | 246.0 |
| -77.5° | 197.5 | 196.1 | 196.7 | 196.9 | 196.7 | 196.1 | 197.5 | 198.4 | 198.6 | 197.8 | 194.3 |
| -80° | 147.0 | 147.0 | 145.8 | 144.2 | 145.8 | 147.0 | 147.0 | 146.6 | 145.8 | 144.4 | 142.0 |
| -82.5° | 100.8 | 101.5 | 100.1 | 98.5 | 100.1 | 101.5 | 100.8 | 100.0 | 98.9 | 97.7 | 96.0 |
| -85° | 56.5 | 56.0 | 54.4 | 52.7 | 54.4 | 56.0 | 56.5 | 56.9 | 57.1 | 57.1 | 55.3 |
| -87.5° | 18.3 | 17.5 | 17.6 | 17.6 | 17.6 | 17.5 | 18.3 | 19.1 | 19.7 | 20.4 | 19.3 |
| -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: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-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° | 18.2 | 17.1 | 16.0 | 16.4 | 16.8 | 17.1 | 17.3 | 16.7 | 16.2 | 15.6 | 14.9 |
| 85° | 53.3 | 51.2 | 49.1 | 48.4 | 47.7 | 46.8 | 45.8 | 43.8 | 41.7 | 39.4 | 37.1 |
| 82.5° | 94.0 | 91.7 | 89.2 | 87.4 | 85.4 | 83.1 | 80.6 | 76.7 | 72.8 | 68.8 | 64.8 |
| 80° | 139.2 | 136.1 | 132.7 | 129.8 | 126.5 | 122.9 | 118.7 | 112.7 | 106.4 | 100.2 | 94.5 |
| 77.5° | 190.3 | 185.8 | 180.8 | 175.9 | 170.6 | 165.1 | 159.0 | 151.4 | 143.7 | 135.7 | 127.7 |
| 75° | 242.0 | 237.2 | 231.5 | 224.9 | 217.7 | 209.9 | 201.7 | 192.5 | 182.9 | 172.9 | 162.7 |
| 72.5° | 292.1 | 287.0 | 281.2 | 274.1 | 265.9 | 256.8 | 246.6 | 235.4 | 223.7 | 211.3 | 199.3 |
| 70° | 341.0 | 334.5 | 328.7 | 322.6 | 314.9 | 305.5 | 293.5 | 280.0 | 265.9 | 251.6 | 237.6 |
| 67.5° | 388.1 | 379.9 | 374.1 | 368.6 | 361.6 | 353.0 | 340.5 | 326.0 | 310.1 | 293.5 | 276.9 |
| 65° | 435.1 | 425.8 | 420.1 | 415.0 | 408.3 | 399.7 | 386.6 | 371.8 | 355.1 | 336.5 | 317.3 |
| 62.5° | 484.1 | 476.6 | 470.2 | 462.8 | 454.8 | 445.2 | 432.0 | 416.6 | 399.7 | 380.2 | 357.9 |
| 60° | 529.9 | 524.4 | 514.5 | 505.3 | 497.2 | 487.1 | 471.4 | 456.6 | 442.8 | 420.4 | 396.5 |
| 57.5° | 565.6 | 559.0 | 549.8 | 540.3 | 530.5 | 517.6 | 503.6 | 489.6 | 473.6 | 454.7 | 432.4 |
| 55° | 595.2 | 588.0 | 579.4 | 570.0 | 559.4 | 545.0 | 530.5 | 515.5 | 500.1 | 484.4 | 462.6 |
| 52.5° | 627.7 | 619.8 | 609.7 | 597.3 | 585.1 | 570.9 | 554.7 | 538.7 | 524.3 | 508.2 | 490.4 |
| 50° | 666.3 | 656.7 | 645.1 | 632.0 | 615.6 | 598.0 | 581.0 | 562.4 | 547.2 | 531.5 | 513.4 |
| 47.5° | 718.3 | 702.3 | 685.2 | 669.6 | 649.5 | 628.2 | 608.6 | 589.4 | 571.5 | 554.6 | 536.0 |
| 45° | 796.4 | 766.4 | 734.1 | 712.5 | 686.9 | 662.6 | 637.5 | 615.9 | 595.4 | 576.3 | 558.9 |
| 42.5° | 908.4 | 860.7 | 816.6 | 773.7 | 732.7 | 702.9 | 671.6 | 644.8 | 620.0 | 597.4 | 577.0 |
| 40° | 1070.3 | 988.0 | 927.3 | 859.6 | 804.6 | 752.0 | 712.0 | 675.5 | 646.9 | 620.0 | 595.2 |
| 37.5° | 1314.8 | 1178.7 | 1077.8 | 972.1 | 895.4 | 822.2 | 760.6 | 713.1 | 674.2 | 643.1 | 614.2 |
| 35° | 1693.0 | 1480.8 | 1291.7 | 1142.1 | 1006.3 | 909.9 | 823.8 | 757.3 | 707.4 | 666.8 | 633.1 |
| 32.5° | 2284.2 | 1947.5 | 1604.0 | 1383.0 | 1173.3 | 1015.9 | 905.2 | 813.6 | 742.9 | 694.6 | 654.1 |
| 30° | 3203.6 | 2610.0 | 2104.7 | 1692.3 | 1404.8 | 1164.3 | 995.8 | 883.9 | 793.4 | 722.8 | 675.5 |
| 27.5° | 4538.1 | 3498.1 | 2791.2 | 2148.5 | 1684.5 | 1368.6 | 1127.1 | 959.0 | 846.6 | 762.3 | 700.0 |
| 25° | 6095.9 | 4850.9 | 3640.4 | 2771.3 | 2088.0 | 1599.5 | 1280.3 | 1064.2 | 912.3 | 803.5 | 721.5 |
| 22.5° | 7737.7 | 6277.8 | 4826.9 | 3473.5 | 2588.6 | 1937.3 | 1478.3 | 1170.3 | 974.4 | 847.3 | 752.8 |
| 20° | 9366.8 | 7718.3 | 6065.3 | 4517.6 | 3198.0 | 2268.0 | 1693.6 | 1311.1 | 1061.0 | 896.5 | 782.5 |
| 17.5° | 10864.0 | 9132.1 | 7321.1 | 5531.7 | 3948.6 | 2770.9 | 1966.5 | 1453.5 | 1136.6 | 940.1 | 808.3 |
| 15° | 12281.7 | 10453.4 | 8543.0 | 6607.5 | 4750.9 | 3213.8 | 2199.1 | 1577.5 | 1215.3 | 990.9 | 841.9 |
| 12.5° | 13565.8 | 11639.9 | 9629.8 | 7532.4 | 5463.1 | 3710.2 | 2509.3 | 1760.3 | 1311.9 | 1043.5 | 873.6 |
| 10° | 14686.6 | 12630.3 | 10488.5 | 8309.5 | 6151.6 | 4224.1 | 2802.5 | 1916.3 | 1395.6 | 1087.1 | 899.5 |
| 7.5° | 15491.5 | 13410.0 | 11170.8 | 8937.7 | 6711.6 | 4665.8 | 3051.8 | 2039.7 | 1461.3 | 1120.6 | 919.5 |
| 5° | 16083.4 | 14018.2 | 11739.6 | 9448.1 | 7127.3 | 4996.0 | 3237.9 | 2126.5 | 1508.3 | 1143.7 | 933.3 |
| 2.5° | 16489.3 | 14402.9 | 12120.3 | 9783.0 | 7368.6 | 5189.9 | 3356.6 | 2173.2 | 1530.5 | 1161.9 | 941.0 |
| 0° | 16604.8 | 14512.5 | 12216.3 | 9958.7 | 7405.7 | 5214.9 | 3404.0 | 2180.2 | 1529.7 | 1171.0 | 942.4 |
| -2.5° | 16489.3 | 14402.9 | 12120.3 | 9783.0 | 7368.6 | 5189.9 | 3356.6 | 2173.2 | 1530.5 | 1161.9 | 941.0 |
| -5° | 16083.4 | 14018.2 | 11739.6 | 9448.1 | 7127.3 | 4996.0 | 3237.9 | 2126.5 | 1508.3 | 1143.7 | 933.3 |
| -7.5° | 15491.5 | 13410.0 | 11170.8 | 8937.7 | 6711.6 | 4665.8 | 3051.8 | 2039.7 | 1461.3 | 1120.6 | 919.5 |
| -10° | 14686.6 | 12630.3 | 10488.5 | 8309.5 | 6151.6 | 4224.1 | 2802.5 | 1916.3 | 1395.6 | 1087.1 | 899.5 |
| -12.5° | 13565.8 | 11639.9 | 9629.8 | 7532.4 | 5463.1 | 3710.2 | 2509.3 | 1760.3 | 1311.9 | 1043.5 | 873.6 |
| -15° | 12281.7 | 10453.4 | 8543.0 | 6607.5 | 4750.9 | 3213.8 | 2199.1 | 1577.5 | 1215.3 | 990.9 | 841.9 |
| -17.5° | 10864.0 | 9132.1 | 7321.1 | 5531.7 | 3948.6 | 2770.9 | 1966.5 | 1453.5 | 1136.6 | 940.1 | 808.3 |
| -20° | 9366.8 | 7718.3 | 6065.3 | 4517.6 | 3198.0 | 2268.0 | 1693.6 | 1311.1 | 1061.0 | 896.5 | 782.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 7737.7 | 6277.8 | 4826.9 | 3473.5 | 2588.6 | 1937.3 | 1478.3 | 1170.3 | 974.4 | 847.3 | 752.8 |
| -25° | 6095.9 | 4850.9 | 3640.4 | 2771.3 | 2088.0 | 1599.5 | 1280.3 | 1064.2 | 912.3 | 803.5 | 721.5 |
| -27.5° | 4538.1 | 3498.1 | 2791.2 | 2148.5 | 1684.5 | 1368.6 | 1127.1 | 959.0 | 846.6 | 762.3 | 700.0 |
| -30° | 3203.6 | 2610.0 | 2104.7 | 1692.3 | 1404.8 | 1164.3 | 995.8 | 883.9 | 793.4 | 722.8 | 675.5 |
| -32.5° | 2284.2 | 1947.5 | 1604.0 | 1383.0 | 1173.3 | 1015.9 | 905.2 | 813.6 | 742.9 | 694.6 | 654.1 |
| -35° | 1693.0 | 1480.8 | 1291.7 | 1142.1 | 1006.3 | 909.9 | 823.8 | 757.3 | 707.4 | 666.8 | 633.1 |
| -37.5° | 1314.8 | 1178.7 | 1077.8 | 972.1 | 895.4 | 822.2 | 760.6 | 713.1 | 674.2 | 643.1 | 614.2 |
| -40° | 1070.3 | 988.0 | 927.3 | 859.6 | 804.6 | 752.0 | 712.0 | 675.5 | 646.9 | 620.0 | 595.2 |
| -42.5° | 908.4 | 860.7 | 816.6 | 773.7 | 732.7 | 702.9 | 671.6 | 644.8 | 620.0 | 597.4 | 577.0 |
| -45° | 796.4 | 766.4 | 734.1 | 712.5 | 686.9 | 662.6 | 637.5 | 615.9 | 595.4 | 576.3 | 558.9 |
| -47.5° | 718.3 | 702.3 | 685.2 | 669.6 | 649.5 | 628.2 | 608.6 | 589.4 | 571.5 | 554.6 | 536.0 |
| -50° | 666.3 | 656.7 | 645.1 | 632.0 | 615.6 | 598.0 | 581.0 | 562.4 | 547.2 | 531.5 | 513.4 |
| -52.5° | 627.7 | 619.8 | 609.7 | 597.3 | 585.1 | 570.9 | 554.7 | 538.7 | 524.3 | 508.2 | 490.4 |
| -55° | 595.2 | 588.0 | 579.4 | 570.0 | 559.4 | 545.0 | 530.5 | 515.5 | 500.1 | 484.4 | 462.6 |
| -57.5° | 565.6 | 559.0 | 549.8 | 540.3 | 530.5 | 517.6 | 503.6 | 489.6 | 473.6 | 454.7 | 432.4 |
| -60° | 529.9 | 524.4 | 514.5 | 505.3 | 497.2 | 487.1 | 471.4 | 456.6 | 442.8 | 420.4 | 396.5 |
| -62.5° | 484.1 | 476.6 | 470.2 | 462.8 | 454.8 | 445.2 | 432.0 | 416.6 | 399.7 | 380.2 | 357.9 |
| -65° | 435.1 | 425.8 | 420.1 | 415.0 | 408.3 | 399.7 | 386.6 | 371.8 | 355.1 | 336.5 | 317.3 |
| -67.5° | 388.1 | 379.9 | 374.1 | 368.6 | 361.6 | 353.0 | 340.5 | 326.0 | 310.1 | 293.5 | 276.9 |
| -70° | 341.0 | 334.5 | 328.7 | 322.6 | 314.9 | 305.5 | 293.5 | 280.0 | 265.9 | 251.6 | 237.6 |
| -72.5° | 292.1 | 287.0 | 281.2 | 274.1 | 265.9 | 256.8 | 246.6 | 235.4 | 223.7 | 211.3 | 199.3 |
| -75° | 242.0 | 237.2 | 231.5 | 224.9 | 217.7 | 209.9 | 201.7 | 192.5 | 182.9 | 172.9 | 162.7 |
| -77.5° | 190.3 | 185.8 | 180.8 | 175.9 | 170.6 | 165.1 | 159.0 | 151.4 | 143.7 | 135.7 | 127.7 |
| -80° | 139.2 | 136.1 | 132.7 | 129.8 | 126.5 | 122.9 | 118.7 | 112.7 | 106.4 | 100.2 | 94.5 |
| -82.5° | 94.0 | 91.7 | 89.2 | 87.4 | 85.4 | 83.1 | 80.6 | 76.7 | 72.8 | 68.8 | 64.8 |
| -85° | 53.3 | 51.2 | 49.1 | 48.4 | 47.7 | 46.8 | 45.8 | 43.8 | 41.7 | 39.4 | 37.1 |
| -87.5° | 18.2 | 17.1 | 16.0 | 16.4 | 16.8 | 17.1 | 17.3 | 16.7 | 16.2 | 15.6 | 14.9 |
| -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: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-U-MWR-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° | 14.3 | 13.6 | 12.8 | 12.1 | 11.3 | 10.5 | 9.7 | 8.9 | 7.7 | 6.6 | 5.6 |
| 85° | 34.7 | 32.1 | 29.5 | 26.8 | 23.9 | 21.1 | 19.5 | 17.8 | 15.4 | 13.2 | 11.1 |
| 82.5° | 60.8 | 56.9 | 52.9 | 48.8 | 44.1 | 39.4 | 34.9 | 30.4 | 25.4 | 20.2 | 16.6 |
| 80° | 89.1 | 83.6 | 77.8 | 71.8 | 64.9 | 57.6 | 51.3 | 45.1 | 39.1 | 32.7 | 25.9 |
| 77.5° | 119.9 | 111.8 | 103.4 | 95.7 | 87.8 | 79.3 | 70.2 | 60.8 | 52.7 | 45.1 | 37.0 |
| 75° | 152.7 | 142.9 | 132.8 | 122.4 | 111.7 | 100.9 | 90.5 | 79.7 | 68.8 | 57.7 | 48.1 |
| 72.5° | 187.6 | 175.4 | 162.8 | 149.9 | 137.4 | 124.6 | 111.5 | 98.4 | 85.7 | 72.8 | 59.7 |
| 70° | 223.3 | 208.5 | 193.8 | 179.2 | 164.0 | 148.2 | 133.2 | 117.8 | 102.4 | 87.7 | 72.8 |
| 67.5° | 259.8 | 243.1 | 225.8 | 208.7 | 191.8 | 174.0 | 155.2 | 137.1 | 119.6 | 102.4 | 85.7 |
| 65° | 298.2 | 278.4 | 258.1 | 238.7 | 219.4 | 199.9 | 179.4 | 156.9 | 136.4 | 117.2 | 98.4 |
| 62.5° | 336.0 | 314.4 | 291.6 | 268.4 | 246.4 | 224.9 | 203.1 | 178.1 | 153.4 | 131.6 | 110.8 |
| 60° | 372.7 | 348.4 | 323.9 | 298.3 | 273.2 | 249.1 | 224.9 | 198.7 | 171.8 | 145.7 | 123.0 |
| 57.5° | 406.2 | 380.8 | 353.4 | 326.5 | 299.4 | 272.7 | 245.9 | 218.2 | 189.7 | 161.0 | 134.9 |
| 55° | 437.7 | 410.1 | 381.5 | 352.3 | 324.0 | 295.5 | 266.4 | 236.8 | 206.8 | 176.2 | 146.5 |
| 52.5° | 467.4 | 438.4 | 408.1 | 377.1 | 346.4 | 317.1 | 286.4 | 255.0 | 223.2 | 190.9 | 159.2 |
| 50° | 493.2 | 466.0 | 433.9 | 401.2 | 367.9 | 336.9 | 305.7 | 272.6 | 239.0 | 205.0 | 171.6 |
| 47.5° | 514.9 | 490.0 | 458.9 | 424.5 | 389.5 | 356.4 | 323.9 | 289.5 | 254.2 | 218.6 | 183.5 |
| 45° | 536.1 | 512.1 | 482.1 | 446.9 | 410.8 | 375.8 | 341.3 | 305.8 | 268.9 | 231.7 | 194.9 |
| 42.5° | 556.1 | 532.0 | 504.0 | 468.5 | 431.2 | 394.5 | 358.3 | 321.3 | 282.9 | 244.1 | 205.8 |
| 40° | 573.1 | 549.5 | 524.6 | 489.2 | 450.4 | 412.1 | 374.3 | 336.1 | 296.3 | 255.9 | 216.0 |
| 37.5° | 589.6 | 565.4 | 539.8 | 508.7 | 468.4 | 428.6 | 389.5 | 350.4 | 309.3 | 267.4 | 225.7 |
| 35° | 605.6 | 580.6 | 553.5 | 523.9 | 485.2 | 444.1 | 403.6 | 363.7 | 321.4 | 278.3 | 234.7 |
| 32.5° | 619.8 | 594.2 | 566.0 | 536.2 | 500.6 | 458.3 | 416.6 | 375.4 | 332.6 | 288.6 | 243.1 |
| 30° | 636.8 | 605.6 | 577.3 | 548.2 | 513.9 | 471.4 | 428.7 | 386.3 | 343.0 | 298.4 | 251.1 |
| 27.5° | 653.1 | 616.6 | 587.4 | 558.2 | 524.2 | 483.2 | 439.9 | 396.4 | 352.5 | 307.3 | 258.8 |
| 25° | 668.8 | 629.1 | 596.8 | 566.6 | 534.2 | 494.6 | 450.1 | 405.6 | 360.9 | 315.0 | 266.0 |
| 22.5° | 686.9 | 640.6 | 605.6 | 573.9 | 543.7 | 504.8 | 459.5 | 414.0 | 368.3 | 321.9 | 272.6 |
| 20° | 703.1 | 650.1 | 613.7 | 580.7 | 550.8 | 512.5 | 467.8 | 421.4 | 375.0 | 328.1 | 278.6 |
| 17.5° | 718.7 | 660.9 | 621.6 | 587.4 | 556.1 | 519.3 | 475.0 | 428.0 | 380.8 | 333.4 | 283.8 |
| 15° | 740.6 | 673.2 | 628.5 | 593.0 | 560.6 | 525.1 | 481.3 | 433.6 | 385.8 | 337.9 | 288.6 |
| 12.5° | 759.3 | 683.5 | 634.1 | 597.6 | 564.3 | 529.8 | 486.4 | 438.2 | 389.9 | 341.9 | 292.8 |
| 10° | 774.5 | 691.7 | 638.6 | 601.2 | 567.1 | 533.6 | 490.5 | 442.1 | 393.8 | 345.4 | 296.2 |
| 7.5° | 786.1 | 697.9 | 641.7 | 603.7 | 569.1 | 536.3 | 494.3 | 445.6 | 396.9 | 348.1 | 298.9 |
| 5° | 793.9 | 701.9 | 644.4 | 605.2 | 570.2 | 538.0 | 497.1 | 448.1 | 399.1 | 350.0 | 300.9 |
| 2.5° | 798.0 | 703.7 | 646.3 | 605.5 | 570.4 | 538.5 | 498.7 | 449.6 | 400.5 | 351.2 | 302.0 |
| 0° | 798.2 | 703.3 | 647.0 | 604.8 | 569.7 | 538.0 | 499.3 | 450.1 | 400.9 | 351.6 | 302.4 |
| -2.5° | 798.0 | 703.7 | 646.3 | 605.5 | 570.4 | 538.5 | 498.7 | 449.6 | 400.5 | 351.2 | 302.0 |
| -5° | 793.9 | 701.9 | 644.4 | 605.2 | 570.2 | 538.0 | 497.1 | 448.1 | 399.1 | 350.0 | 300.9 |
| -7.5° | 786.1 | 697.9 | 641.7 | 603.7 | 569.1 | 536.3 | 494.3 | 445.6 | 396.9 | 348.1 | 298.9 |
| -10° | 774.5 | 691.7 | 638.6 | 601.2 | 567.1 | 533.6 | 490.5 | 442.1 | 393.8 | 345.4 | 296.2 |
| -12.5° | 759.3 | 683.5 | 634.1 | 597.6 | 564.3 | 529.8 | 486.4 | 438.2 | 389.9 | 341.9 | 292.8 |
| -15° | 740.6 | 673.2 | 628.5 | 593.0 | 560.6 | 525.1 | 481.3 | 433.6 | 385.8 | 337.9 | 288.6 |
| -17.5° | 718.7 | 660.9 | 621.6 | 587.4 | 556.1 | 519.3 | 475.0 | 428.0 | 380.8 | 333.4 | 283.8 |
| -20° | 703.1 | 650.1 | 613.7 | 580.7 | 550.8 | 512.5 | 467.8 | 421.4 | 375.0 | 328.1 | 278.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 686.9 | 640.6 | 605.6 | 573.9 | 543.7 | 504.8 | 459.5 | 414.0 | 368.3 | 321.9 | 272.6 |
| -25° | 668.8 | 629.1 | 596.8 | 566.6 | 534.2 | 494.6 | 450.1 | 405.6 | 360.9 | 315.0 | 266.0 |
| -27.5° | 653.1 | 616.6 | 587.4 | 558.2 | 524.2 | 483.2 | 439.9 | 396.4 | 352.5 | 307.3 | 258.8 |
| -30° | 636.8 | 605.6 | 577.3 | 548.2 | 513.9 | 471.4 | 428.7 | 386.3 | 343.0 | 298.4 | 251.1 |
| -32.5° | 619.8 | 594.2 | 566.0 | 536.2 | 500.6 | 458.3 | 416.6 | 375.4 | 332.6 | 288.6 | 243.1 |
| -35° | 605.6 | 580.6 | 553.5 | 523.9 | 485.2 | 444.1 | 403.6 | 363.7 | 321.4 | 278.3 | 234.7 |
| -37.5° | 589.6 | 565.4 | 539.8 | 508.7 | 468.4 | 428.6 | 389.5 | 350.4 | 309.3 | 267.4 | 225.7 |
| -40° | 573.1 | 549.5 | 524.6 | 489.2 | 450.4 | 412.1 | 374.3 | 336.1 | 296.3 | 255.9 | 216.0 |
| -42.5° | 556.1 | 532.0 | 504.0 | 468.5 | 431.2 | 394.5 | 358.3 | 321.3 | 282.9 | 244.1 | 205.8 |
| -45° | 536.1 | 512.1 | 482.1 | 446.9 | 410.8 | 375.8 | 341.3 | 305.8 | 268.9 | 231.7 | 194.9 |
| -47.5° | 514.9 | 490.0 | 458.9 | 424.5 | 389.5 | 356.4 | 323.9 | 289.5 | 254.2 | 218.6 | 183.5 |
| -50° | 493.2 | 466.0 | 433.9 | 401.2 | 367.9 | 336.9 | 305.7 | 272.6 | 239.0 | 205.0 | 171.6 |
| -52.5° | 467.4 | 438.4 | 408.1 | 377.1 | 346.4 | 317.1 | 286.4 | 255.0 | 223.2 | 190.9 | 159.2 |
| -55° | 437.7 | 410.1 | 381.5 | 352.3 | 324.0 | 295.5 | 266.4 | 236.8 | 206.8 | 176.2 | 146.5 |
| -57.5° | 406.2 | 380.8 | 353.4 | 326.5 | 299.4 | 272.7 | 245.9 | 218.2 | 189.7 | 161.0 | 134.9 |
| -60° | 372.7 | 348.4 | 323.9 | 298.3 | 273.2 | 249.1 | 224.9 | 198.7 | 171.8 | 145.7 | 123.0 |
| -62.5° | 336.0 | 314.4 | 291.6 | 268.4 | 246.4 | 224.9 | 203.1 | 178.1 | 153.4 | 131.6 | 110.8 |
| -65° | 298.2 | 278.4 | 258.1 | 238.7 | 219.4 | 199.9 | 179.4 | 156.9 | 136.4 | 117.2 | 98.4 |
| -67.5° | 259.8 | 243.1 | 225.8 | 208.7 | 191.8 | 174.0 | 155.2 | 137.1 | 119.6 | 102.4 | 85.7 |
| -70° | 223.3 | 208.5 | 193.8 | 179.2 | 164.0 | 148.2 | 133.2 | 117.8 | 102.4 | 87.7 | 72.8 |
| -72.5° | 187.6 | 175.4 | 162.8 | 149.9 | 137.4 | 124.6 | 111.5 | 98.4 | 85.7 | 72.8 | 59.7 |
| -75° | 152.7 | 142.9 | 132.8 | 122.4 | 111.7 | 100.9 | 90.5 | 79.7 | 68.8 | 57.7 | 48.1 |
| -77.5° | 119.9 | 111.8 | 103.4 | 95.7 | 87.8 | 79.3 | 70.2 | 60.8 | 52.7 | 45.1 | 37.0 |
| -80° | 89.1 | 83.6 | 77.8 | 71.8 | 64.9 | 57.6 | 51.3 | 45.1 | 39.1 | 32.7 | 25.9 |
| -82.5° | 60.8 | 56.9 | 52.9 | 48.8 | 44.1 | 39.4 | 34.9 | 30.4 | 25.4 | 20.2 | 16.6 |
| -85° | 34.7 | 32.1 | 29.5 | 26.8 | 23.9 | 21.1 | 19.5 | 17.8 | 15.4 | 13.2 | 11.1 |
| -87.5° | 14.3 | 13.6 | 12.8 | 12.1 | 11.3 | 10.5 | 9.7 | 8.9 | 7.7 | 6.6 | 5.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-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° | 4.6 | 3.8 | 3.1 | 2.3 | 1.5 | 0.8 | 0.0 |
| 85° | 9.1 | 7.6 | 6.1 | 4.6 | 3.1 | 1.5 | 0.0 |
| 82.5° | 13.6 | 11.4 | 9.1 | 6.9 | 4.6 | 2.3 | 0.0 |
| 80° | 18.8 | 15.2 | 12.2 | 9.1 | 6.1 | 3.1 | 0.0 |
| 77.5° | 28.6 | 20.5 | 15.2 | 11.4 | 7.6 | 3.8 | 0.0 |
| 75° | 38.4 | 28.6 | 18.8 | 13.6 | 9.1 | 4.6 | 0.0 |
| 72.5° | 48.0 | 36.7 | 25.2 | 15.8 | 10.6 | 5.3 | 0.0 |
| 70° | 57.7 | 44.6 | 31.6 | 18.5 | 12.0 | 6.0 | 0.0 |
| 67.5° | 68.7 | 52.4 | 37.9 | 23.2 | 13.5 | 6.7 | 0.0 |
| 65° | 79.5 | 60.7 | 44.0 | 27.9 | 14.9 | 7.4 | 0.0 |
| 62.5° | 89.9 | 69.4 | 50.1 | 32.4 | 16.2 | 8.1 | 0.0 |
| 60° | 100.2 | 77.8 | 56.0 | 36.8 | 17.6 | 8.8 | 0.0 |
| 57.5° | 110.4 | 85.9 | 62.4 | 41.2 | 20.4 | 9.5 | 0.0 |
| 55° | 120.4 | 93.9 | 68.7 | 45.4 | 23.2 | 10.1 | 0.0 |
| 52.5° | 130.2 | 101.6 | 74.8 | 49.4 | 25.8 | 10.7 | 0.0 |
| 50° | 139.8 | 109.6 | 80.6 | 53.4 | 28.4 | 11.3 | 0.0 |
| 47.5° | 149.1 | 117.3 | 86.2 | 57.3 | 30.8 | 11.9 | 0.0 |
| 45° | 158.9 | 124.8 | 91.6 | 61.3 | 33.2 | 12.4 | 0.0 |
| 42.5° | 168.1 | 132.0 | 96.7 | 65.1 | 35.4 | 13.0 | 0.0 |
| 40° | 176.9 | 138.9 | 101.8 | 68.6 | 37.5 | 13.5 | 0.0 |
| 37.5° | 185.2 | 145.5 | 107.1 | 71.9 | 39.5 | 14.0 | 0.0 |
| 35° | 193.0 | 151.9 | 112.0 | 75.0 | 41.3 | 14.4 | 0.0 |
| 32.5° | 200.2 | 158.0 | 116.7 | 77.9 | 43.0 | 14.8 | 0.0 |
| 30° | 206.9 | 163.7 | 121.1 | 80.6 | 44.6 | 15.2 | 0.0 |
| 27.5° | 213.1 | 168.9 | 125.0 | 83.0 | 46.0 | 15.6 | 0.0 |
| 25° | 218.7 | 173.6 | 128.6 | 85.3 | 47.3 | 16.0 | 0.0 |
| 22.5° | 223.7 | 177.8 | 131.8 | 87.3 | 48.5 | 16.3 | 0.0 |
| 20° | 228.1 | 181.4 | 134.6 | 89.1 | 49.5 | 16.5 | 0.0 |
| 17.5° | 232.1 | 184.5 | 137.1 | 90.6 | 50.4 | 16.8 | 0.0 |
| 15° | 235.7 | 187.2 | 139.3 | 92.0 | 51.2 | 17.0 | 0.0 |
| 12.5° | 238.9 | 189.4 | 141.0 | 93.1 | 51.8 | 17.2 | 0.0 |
| 10° | 241.5 | 191.1 | 142.4 | 93.9 | 52.2 | 17.3 | 0.0 |
| 7.5° | 243.5 | 192.4 | 143.4 | 94.5 | 52.6 | 17.4 | 0.0 |
| 5° | 245.0 | 193.2 | 144.1 | 94.9 | 52.7 | 17.5 | 0.0 |
| 2.5° | 245.9 | 193.5 | 144.3 | 95.0 | 52.8 | 17.6 | 0.0 |
| 0° | 246.2 | 193.4 | 144.2 | 94.9 | 52.7 | 17.6 | 0.0 |
| -2.5° | 245.9 | 193.5 | 144.3 | 95.0 | 52.8 | 17.6 | 0.0 |
| -5° | 245.0 | 193.2 | 144.1 | 94.9 | 52.7 | 17.5 | 0.0 |
| -7.5° | 243.5 | 192.4 | 143.4 | 94.5 | 52.6 | 17.4 | 0.0 |
| -10° | 241.5 | 191.1 | 142.4 | 93.9 | 52.2 | 17.3 | 0.0 |
| -12.5° | 238.9 | 189.4 | 141.0 | 93.1 | 51.8 | 17.2 | 0.0 |
| -15° | 235.7 | 187.2 | 139.3 | 92.0 | 51.2 | 17.0 | 0.0 |
| -17.5° | 232.1 | 184.5 | 137.1 | 90.6 | 50.4 | 16.8 | 0.0 |
| -20° | 228.1 | 181.4 | 134.6 | 89.1 | 49.5 | 16.5 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627317 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 223.7 | 177.8 | 131.8 | 87.3 | 48.5 | 16.3 | 0.0 |
| -25° | 218.7 | 173.6 | 128.6 | 85.3 | 47.3 | 16.0 | 0.0 |
| -27.5° | 213.1 | 168.9 | 125.0 | 83.0 | 46.0 | 15.6 | 0.0 |
| -30° | 206.9 | 163.7 | 121.1 | 80.6 | 44.6 | 15.2 | 0.0 |
| -32.5° | 200.2 | 158.0 | 116.7 | 77.9 | 43.0 | 14.8 | 0.0 |
| -35° | 193.0 | 151.9 | 112.0 | 75.0 | 41.3 | 14.4 | 0.0 |
| -37.5° | 185.2 | 145.5 | 107.1 | 71.9 | 39.5 | 14.0 | 0.0 |
| -40° | 176.9 | 138.9 | 101.8 | 68.6 | 37.5 | 13.5 | 0.0 |
| -42.5° | 168.1 | 132.0 | 96.7 | 65.1 | 35.4 | 13.0 | 0.0 |
| -45° | 158.9 | 124.8 | 91.6 | 61.3 | 33.2 | 12.4 | 0.0 |
| -47.5° | 149.1 | 117.3 | 86.2 | 57.3 | 30.8 | 11.9 | 0.0 |
| -50° | 139.8 | 109.6 | 80.6 | 53.4 | 28.4 | 11.3 | 0.0 |
| -52.5° | 130.2 | 101.6 | 74.8 | 49.4 | 25.8 | 10.7 | 0.0 |
| -55° | 120.4 | 93.9 | 68.7 | 45.4 | 23.2 | 10.1 | 0.0 |
| -57.5° | 110.4 | 85.9 | 62.4 | 41.2 | 20.4 | 9.5 | 0.0 |
| -60° | 100.2 | 77.8 | 56.0 | 36.8 | 17.6 | 8.8 | 0.0 |
| -62.5° | 89.9 | 69.4 | 50.1 | 32.4 | 16.2 | 8.1 | 0.0 |
| -65° | 79.5 | 60.7 | 44.0 | 27.9 | 14.9 | 7.4 | 0.0 |
| -67.5° | 68.7 | 52.4 | 37.9 | 23.2 | 13.5 | 6.7 | 0.0 |
| -70° | 57.7 | 44.6 | 31.6 | 18.5 | 12.0 | 6.0 | 0.0 |
| -72.5° | 48.0 | 36.7 | 25.2 | 15.8 | 10.6 | 5.3 | 0.0 |
| -75° | 38.4 | 28.6 | 18.8 | 13.6 | 9.1 | 4.6 | 0.0 |
| -77.5° | 28.6 | 20.5 | 15.2 | 11.4 | 7.6 | 3.8 | 0.0 |
| -80° | 18.8 | 15.2 | 12.2 | 9.1 | 6.1 | 3.1 | 0.0 |
| -82.5° | 13.6 | 11.4 | 9.1 | 6.9 | 4.6 | 2.3 | 0.0 |
| -85° | 9.1 | 7.6 | 6.1 | 4.6 | 3.1 | 1.5 | 0.0 |
| -87.5° | 4.6 | 3.8 | 3.1 | 2.3 | 1.5 | 0.8 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)