

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



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

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626547 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-730-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N15
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2684.6 lumens
Efficiency: N/A
Efficacy: 148.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 3154.3 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 1781.9 lumens
Beam Efficiency: 66.4%

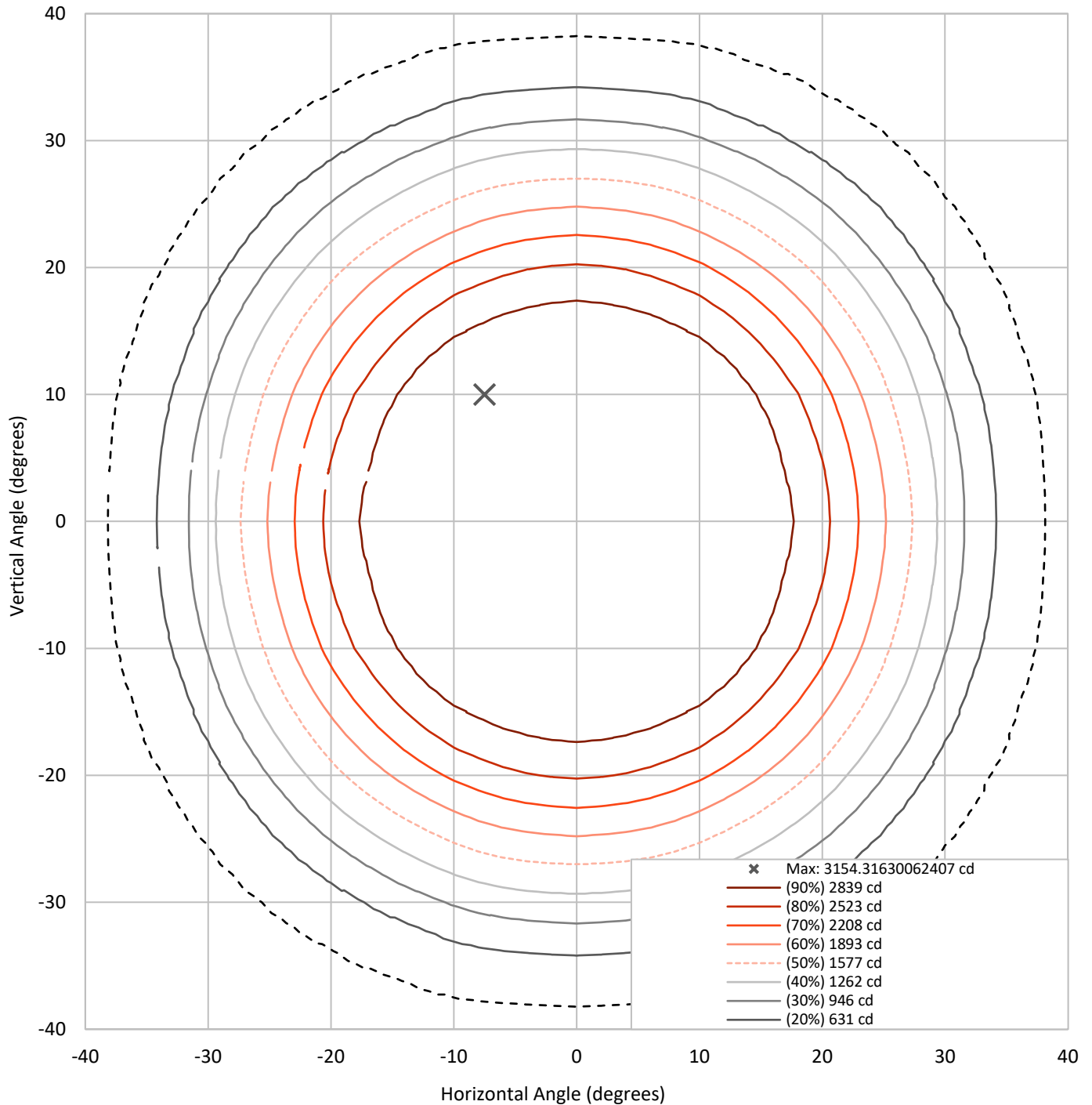
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 2317 lumens
Field Efficiency: 86.3%

Input Watts (W): 18.1
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: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

Iso-Candela Plot





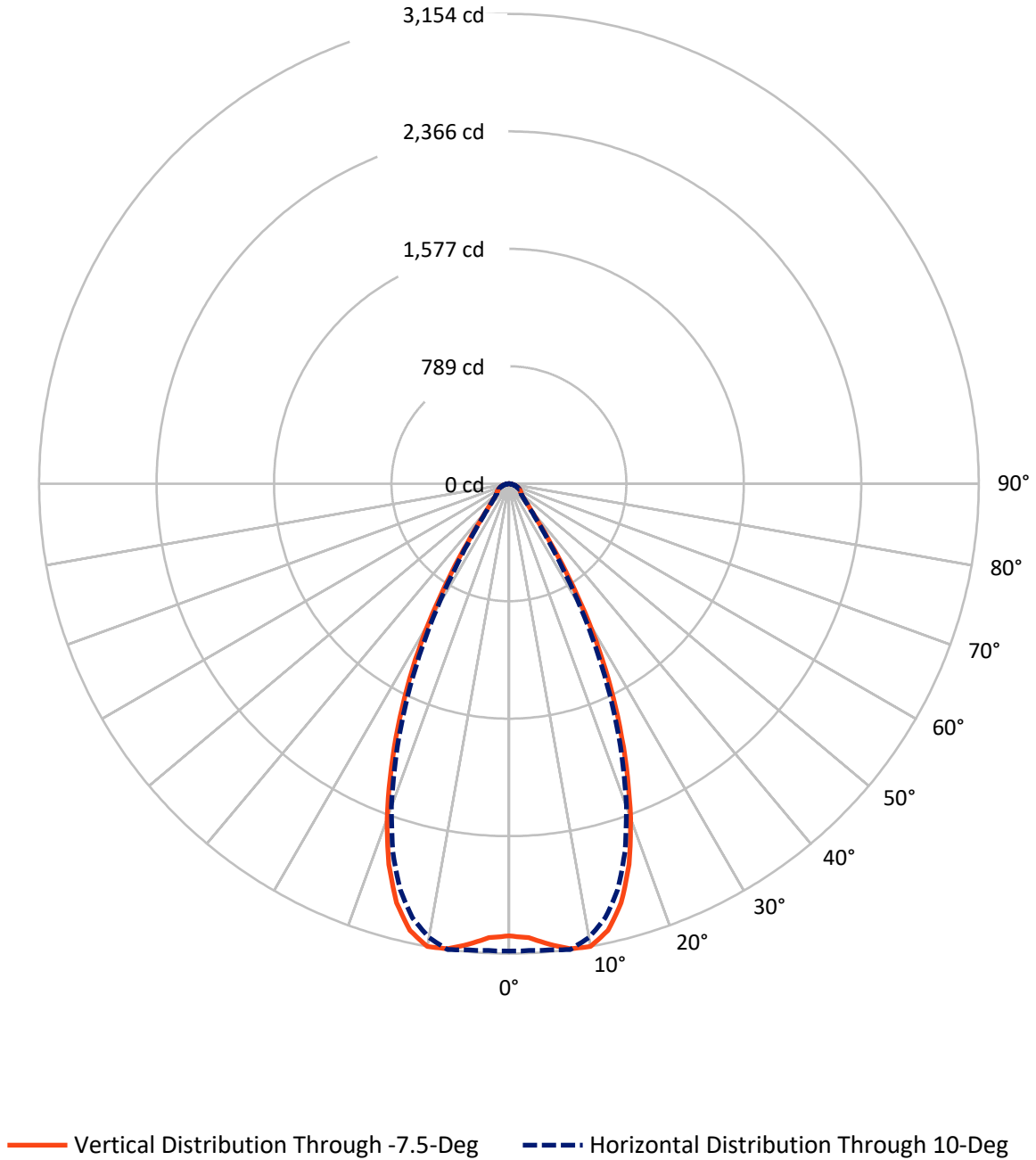
REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.6 | | 1.7 | | 2.7 | | 3.0 | | 2.7 | | 1.7 | | 0.6 | | 0.1 | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.3 | 0.3 | 0.7 | 1.1 | 1.5 | 1.8 | 2.1 | 2.2 | 2.2 | 2.1 | 1.8 | 1.5 | 1.1 | 0.7 | 0.3 | 0.3 | | | |
| 50 | | 0.5 | 1.0 | 1.5 | 2.1 | 2.5 | 2.8 | 2.9 | 2.9 | 2.8 | 2.5 | 2.1 | 1.5 | 1.0 | 0.5 | | | | |
| 40 | 0.5 | 0.6 | 1.2 | 1.9 | 2.5 | 3.3 | 4.1 | 4.7 | 4.7 | 4.1 | 3.3 | 2.5 | 1.9 | 1.2 | 0.6 | 0.5 | | | |
| 30 | | 0.7 | 1.4 | 2.2 | 3.3 | 6.1 | 11.7 | 17.3 | 17.3 | 11.7 | 6.1 | 3.3 | 2.2 | 1.4 | 0.7 | | | | |
| 20 | 0.7 | 0.8 | 1.6 | 2.5 | 5.5 | 17.2 | 38.7 | 54.0 | 54.0 | 38.7 | 17.2 | 5.5 | 2.5 | 1.6 | 0.8 | 0.7 | | | |
| 10 | | 0.9 | 1.6 | 3.0 | 9.9 | 36.7 | 70.2 | 87.8 | 87.8 | 70.2 | 36.7 | 9.9 | 3.0 | 1.6 | 0.9 | | | | |
| 0 | 0.7 | 0.9 | 1.7 | 3.4 | 14.3 | 50.3 | 85.1 | 92.6 | 92.6 | 85.1 | 50.3 | 14.3 | 3.4 | 1.7 | 0.9 | 0.7 | | | |
| -10 | | 0.9 | 1.7 | 3.4 | 14.3 | 50.3 | 85.1 | 92.6 | 92.6 | 85.1 | 50.3 | 14.3 | 3.4 | 1.7 | 0.9 | | | | |
| -20 | 0.7 | 0.9 | 1.6 | 3.0 | 9.9 | 36.7 | 70.2 | 87.8 | 87.8 | 70.2 | 36.7 | 9.9 | 3.0 | 1.6 | 0.9 | 0.7 | | | |
| -30 | | 0.8 | 1.6 | 2.5 | 5.5 | 17.2 | 38.7 | 54.0 | 54.0 | 38.7 | 17.2 | 5.5 | 2.5 | 1.6 | 0.8 | | | | |
| -40 | 0.5 | 0.7 | 1.4 | 2.2 | 3.3 | 6.1 | 11.7 | 17.3 | 17.3 | 11.7 | 6.1 | 3.3 | 2.2 | 1.4 | 0.7 | 0.5 | | | |
| -50 | | 0.6 | 1.2 | 1.9 | 2.5 | 3.3 | 4.1 | 4.7 | 4.7 | 4.1 | 3.3 | 2.5 | 1.9 | 1.2 | 0.6 | | | | |
| -60 | 0.3 | 0.5 | 1.0 | 1.5 | 2.1 | 2.5 | 2.8 | 2.9 | 2.9 | 2.8 | 2.5 | 2.1 | 1.5 | 1.0 | 0.5 | 0.3 | | | |
| -70 | | 0.3 | 0.7 | 1.1 | 1.5 | 1.8 | 2.1 | 2.2 | 2.2 | 2.1 | 1.8 | 1.5 | 1.1 | 0.7 | 0.3 | | | | |
| -80 | | | | | | | | | | | | | | | | | | | |
| -90 | 0.1 | 0.6 | | 1.7 | | 2.7 | | 3.0 | | 2.7 | | 1.7 | | 0.6 | | 0.1 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

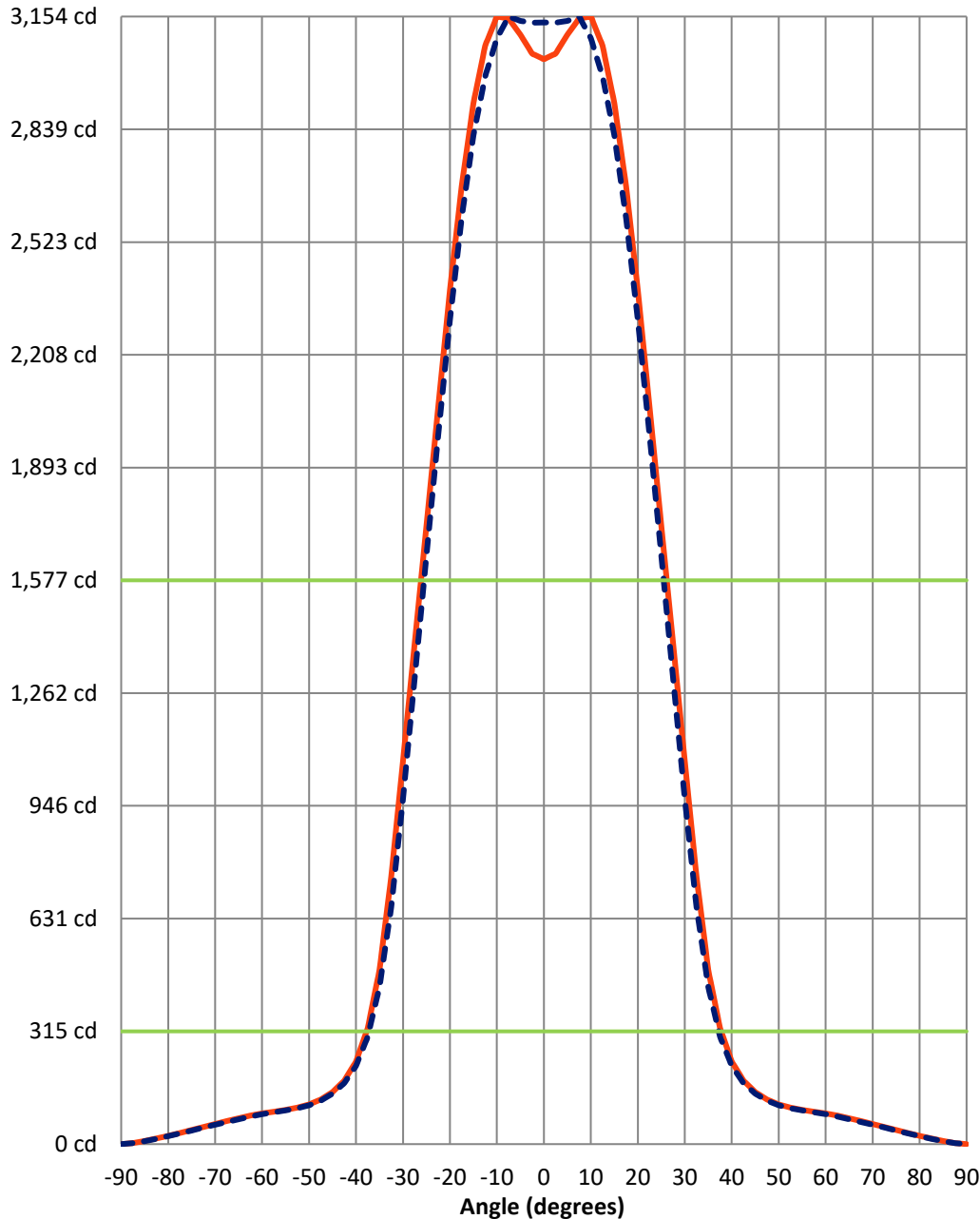
REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 1781.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 2317
 Efficiency: 86.3%

Spill:
 Lumens: 367.6
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.1 | 0.2 | 0.4 | 0.5 | 0.6 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 |
| 85° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.4 | 1.8 | 2.1 | 2.4 | 2.8 |
| 82.5° | 0.0 | 0.4 | 0.7 | 1.1 | 1.5 | 1.8 | 2.2 | 2.6 | 3.2 | 4.0 | 4.7 |
| 80° | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 2.4 | 3.0 | 4.1 | 5.1 | 6.1 | 7.1 |
| 77.5° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.2 | 4.5 | 5.8 | 7.1 | 8.2 | 9.5 |
| 75° | 0.0 | 0.7 | 1.4 | 2.2 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.8 | 12.5 |
| 72.5° | 0.0 | 0.8 | 1.7 | 2.5 | 4.0 | 5.8 | 7.5 | 9.3 | 11.4 | 13.4 | 15.4 |
| 70° | 0.0 | 1.0 | 1.9 | 2.9 | 5.0 | 7.0 | 9.0 | 11.4 | 13.7 | 16.1 | 18.5 |
| 67.5° | 0.0 | 1.1 | 2.1 | 3.7 | 5.9 | 8.2 | 10.8 | 13.4 | 16.1 | 18.8 | 21.5 |
| 65° | 0.0 | 1.2 | 2.4 | 4.4 | 6.9 | 9.5 | 12.5 | 15.4 | 18.4 | 21.4 | 24.6 |
| 62.5° | 0.0 | 1.3 | 2.6 | 5.1 | 7.8 | 10.9 | 14.1 | 17.4 | 20.7 | 24.1 | 28.0 |
| 60° | 0.0 | 1.4 | 2.8 | 5.8 | 8.8 | 12.2 | 15.7 | 19.3 | 22.9 | 27.0 | 31.2 |
| 57.5° | 0.0 | 1.5 | 3.2 | 6.5 | 9.8 | 13.5 | 17.3 | 21.2 | 25.3 | 29.8 | 34.3 |
| 55° | 0.0 | 1.6 | 3.7 | 7.1 | 10.8 | 14.7 | 18.9 | 23.0 | 27.7 | 32.5 | 37.2 |
| 52.5° | 0.0 | 1.7 | 4.1 | 7.7 | 11.7 | 16.0 | 20.5 | 25.0 | 30.0 | 35.0 | 40.0 |
| 50° | 0.0 | 1.8 | 4.5 | 8.4 | 12.7 | 17.2 | 22.0 | 27.0 | 32.2 | 37.5 | 42.7 |
| 47.5° | 0.0 | 1.9 | 4.9 | 9.0 | 13.5 | 18.4 | 23.4 | 28.8 | 34.3 | 39.9 | 45.4 |
| 45° | 0.0 | 2.0 | 5.2 | 9.6 | 14.4 | 19.6 | 25.0 | 30.6 | 36.4 | 42.2 | 48.0 |
| 42.5° | 0.0 | 2.1 | 5.6 | 10.2 | 15.2 | 20.7 | 26.4 | 32.3 | 38.3 | 44.4 | 50.4 |
| 40° | 0.0 | 2.1 | 5.9 | 10.8 | 16.0 | 21.8 | 27.8 | 33.9 | 40.1 | 46.5 | 52.8 |
| 37.5° | 0.0 | 2.2 | 6.2 | 11.3 | 16.8 | 22.9 | 29.1 | 35.4 | 41.9 | 48.5 | 55.0 |
| 35° | 0.0 | 2.3 | 6.5 | 11.8 | 17.6 | 23.9 | 30.3 | 36.8 | 43.7 | 50.4 | 57.1 |
| 32.5° | 0.0 | 2.4 | 6.8 | 12.2 | 18.4 | 24.8 | 31.4 | 38.1 | 45.3 | 52.2 | 58.9 |
| 30° | 0.0 | 2.4 | 7.0 | 12.7 | 19.0 | 25.7 | 32.5 | 39.4 | 46.8 | 53.8 | 60.6 |
| 27.5° | 0.0 | 2.5 | 7.2 | 13.0 | 19.6 | 26.5 | 33.4 | 40.6 | 48.2 | 55.3 | 62.2 |
| 25° | 0.0 | 2.5 | 7.4 | 13.4 | 20.2 | 27.3 | 34.3 | 41.7 | 49.5 | 56.6 | 63.6 |
| 22.5° | 0.0 | 2.6 | 7.6 | 13.7 | 20.7 | 27.9 | 35.1 | 42.8 | 50.5 | 57.8 | 65.0 |
| 20° | 0.0 | 2.6 | 7.8 | 14.0 | 21.1 | 28.5 | 35.8 | 43.7 | 51.5 | 58.9 | 66.2 |
| 17.5° | 0.0 | 2.7 | 7.9 | 14.2 | 21.5 | 29.0 | 36.4 | 44.6 | 52.3 | 59.8 | 67.2 |
| 15° | 0.0 | 2.7 | 8.0 | 14.5 | 21.9 | 29.4 | 37.0 | 45.3 | 53.1 | 60.5 | 68.1 |
| 12.5° | 0.0 | 2.7 | 8.1 | 14.6 | 22.1 | 29.7 | 37.5 | 46.0 | 53.7 | 61.2 | 68.8 |
| 10° | 0.0 | 2.8 | 8.2 | 14.8 | 22.3 | 30.0 | 37.9 | 46.5 | 54.2 | 61.8 | 69.4 |
| 7.5° | 0.0 | 2.8 | 8.3 | 14.8 | 22.5 | 30.2 | 38.2 | 47.0 | 54.7 | 62.3 | 70.0 |
| 5° | 0.0 | 2.8 | 8.3 | 14.9 | 22.6 | 30.4 | 38.4 | 47.3 | 55.0 | 62.6 | 70.4 |
| 2.5° | 0.0 | 2.8 | 8.3 | 14.9 | 22.6 | 30.4 | 38.6 | 47.4 | 55.1 | 62.8 | 70.6 |
| 0° | 0.0 | 2.8 | 8.3 | 14.9 | 22.6 | 30.4 | 38.6 | 47.5 | 55.2 | 62.9 | 70.7 |
| -2.5° | 0.0 | 2.8 | 8.3 | 14.9 | 22.6 | 30.4 | 38.6 | 47.4 | 55.1 | 62.8 | 70.6 |
| -5° | 0.0 | 2.8 | 8.3 | 14.9 | 22.6 | 30.4 | 38.4 | 47.3 | 55.0 | 62.6 | 70.4 |
| -7.5° | 0.0 | 2.8 | 8.3 | 14.8 | 22.5 | 30.2 | 38.2 | 47.0 | 54.7 | 62.3 | 70.0 |
| -10° | 0.0 | 2.8 | 8.2 | 14.8 | 22.3 | 30.0 | 37.9 | 46.5 | 54.2 | 61.8 | 69.4 |
| -12.5° | 0.0 | 2.7 | 8.1 | 14.6 | 22.1 | 29.7 | 37.5 | 46.0 | 53.7 | 61.2 | 68.8 |
| -15° | 0.0 | 2.7 | 8.0 | 14.5 | 21.9 | 29.4 | 37.0 | 45.3 | 53.1 | 60.5 | 68.1 |
| -17.5° | 0.0 | 2.7 | 7.9 | 14.2 | 21.5 | 29.0 | 36.4 | 44.6 | 52.3 | 59.8 | 67.2 |
| -20° | 0.0 | 2.6 | 7.8 | 14.0 | 21.1 | 28.5 | 35.8 | 43.7 | 51.5 | 58.9 | 66.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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 | 2.6 | 7.6 | 13.7 | 20.7 | 27.9 | 35.1 | 42.8 | 50.5 | 57.8 | 65.0 |
| -25° | 0.0 | 2.5 | 7.4 | 13.4 | 20.2 | 27.3 | 34.3 | 41.7 | 49.5 | 56.6 | 63.6 |
| -27.5° | 0.0 | 2.5 | 7.2 | 13.0 | 19.6 | 26.5 | 33.4 | 40.6 | 48.2 | 55.3 | 62.2 |
| -30° | 0.0 | 2.4 | 7.0 | 12.7 | 19.0 | 25.7 | 32.5 | 39.4 | 46.8 | 53.8 | 60.6 |
| -32.5° | 0.0 | 2.4 | 6.8 | 12.2 | 18.4 | 24.8 | 31.4 | 38.1 | 45.3 | 52.2 | 58.9 |
| -35° | 0.0 | 2.3 | 6.5 | 11.8 | 17.6 | 23.9 | 30.3 | 36.8 | 43.7 | 50.4 | 57.1 |
| -37.5° | 0.0 | 2.2 | 6.2 | 11.3 | 16.8 | 22.9 | 29.1 | 35.4 | 41.9 | 48.5 | 55.0 |
| -40° | 0.0 | 2.1 | 5.9 | 10.8 | 16.0 | 21.8 | 27.8 | 33.9 | 40.1 | 46.5 | 52.8 |
| -42.5° | 0.0 | 2.1 | 5.6 | 10.2 | 15.2 | 20.7 | 26.4 | 32.3 | 38.3 | 44.4 | 50.4 |
| -45° | 0.0 | 2.0 | 5.2 | 9.6 | 14.4 | 19.6 | 25.0 | 30.6 | 36.4 | 42.2 | 48.0 |
| -47.5° | 0.0 | 1.9 | 4.9 | 9.0 | 13.5 | 18.4 | 23.4 | 28.8 | 34.3 | 39.9 | 45.4 |
| -50° | 0.0 | 1.8 | 4.5 | 8.4 | 12.7 | 17.2 | 22.0 | 27.0 | 32.2 | 37.5 | 42.7 |
| -52.5° | 0.0 | 1.7 | 4.1 | 7.7 | 11.7 | 16.0 | 20.5 | 25.0 | 30.0 | 35.0 | 40.0 |
| -55° | 0.0 | 1.6 | 3.7 | 7.1 | 10.8 | 14.7 | 18.9 | 23.0 | 27.7 | 32.5 | 37.2 |
| -57.5° | 0.0 | 1.5 | 3.2 | 6.5 | 9.8 | 13.5 | 17.3 | 21.2 | 25.3 | 29.8 | 34.3 |
| -60° | 0.0 | 1.4 | 2.8 | 5.8 | 8.8 | 12.2 | 15.7 | 19.3 | 22.9 | 27.0 | 31.2 |
| -62.5° | 0.0 | 1.3 | 2.6 | 5.1 | 7.8 | 10.9 | 14.1 | 17.4 | 20.7 | 24.1 | 28.0 |
| -65° | 0.0 | 1.2 | 2.4 | 4.4 | 6.9 | 9.5 | 12.5 | 15.4 | 18.4 | 21.4 | 24.6 |
| -67.5° | 0.0 | 1.1 | 2.1 | 3.7 | 5.9 | 8.2 | 10.8 | 13.4 | 16.1 | 18.8 | 21.5 |
| -70° | 0.0 | 1.0 | 1.9 | 2.9 | 5.0 | 7.0 | 9.0 | 11.4 | 13.7 | 16.1 | 18.5 |
| -72.5° | 0.0 | 0.8 | 1.7 | 2.5 | 4.0 | 5.8 | 7.5 | 9.3 | 11.4 | 13.4 | 15.4 |
| -75° | 0.0 | 0.7 | 1.4 | 2.2 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.8 | 12.5 |
| -77.5° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.2 | 4.5 | 5.8 | 7.1 | 8.2 | 9.5 |
| -80° | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 2.4 | 3.0 | 4.1 | 5.1 | 6.1 | 7.1 |
| -82.5° | 0.0 | 0.4 | 0.7 | 1.1 | 1.5 | 1.8 | 2.2 | 2.6 | 3.2 | 4.0 | 4.7 |
| -85° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.4 | 1.8 | 2.1 | 2.4 | 2.8 |
| -87.5° | 0.0 | 0.1 | 0.2 | 0.4 | 0.5 | 0.6 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 |
| -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: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.5 | 1.6 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 |
| 85° | 3.0 | 3.3 | 3.7 | 4.2 | 4.6 | 5.0 | 5.4 | 5.8 | 6.2 | 6.5 | 6.9 |
| 82.5° | 5.5 | 6.2 | 6.9 | 7.7 | 8.3 | 8.9 | 9.6 | 10.2 | 10.8 | 11.4 | 12.1 |
| 80° | 8.0 | 9.0 | 10.2 | 11.3 | 12.2 | 13.1 | 14.0 | 14.8 | 15.7 | 16.7 | 17.7 |
| 77.5° | 11.0 | 12.4 | 13.8 | 15.0 | 16.2 | 17.5 | 18.8 | 20.0 | 21.3 | 22.6 | 23.8 |
| 75° | 14.2 | 15.8 | 17.5 | 19.2 | 20.8 | 22.4 | 23.9 | 25.5 | 27.1 | 28.7 | 30.2 |
| 72.5° | 17.5 | 19.5 | 21.5 | 23.5 | 25.5 | 27.5 | 29.4 | 31.3 | 33.2 | 35.1 | 37.0 |
| 70° | 20.9 | 23.2 | 25.7 | 28.1 | 30.4 | 32.7 | 35.0 | 37.3 | 39.5 | 41.7 | 43.9 |
| 67.5° | 24.3 | 27.3 | 30.1 | 32.7 | 35.4 | 38.1 | 40.7 | 43.4 | 46.0 | 48.7 | 51.2 |
| 65° | 28.2 | 31.4 | 34.4 | 37.4 | 40.5 | 43.7 | 46.8 | 49.8 | 52.8 | 55.7 | 58.4 |
| 62.5° | 31.9 | 35.3 | 38.6 | 42.1 | 45.7 | 49.3 | 52.7 | 56.2 | 59.7 | 62.8 | 65.4 |
| 60° | 35.3 | 39.1 | 42.8 | 46.8 | 50.8 | 54.7 | 58.5 | 62.3 | 66.0 | 69.6 | 71.7 |
| 57.5° | 38.6 | 42.8 | 47.0 | 51.2 | 55.5 | 59.8 | 63.8 | 67.9 | 71.4 | 74.4 | 76.9 |
| 55° | 41.8 | 46.4 | 50.8 | 55.3 | 59.9 | 64.4 | 68.7 | 72.6 | 76.0 | 78.5 | 80.9 |
| 52.5° | 44.9 | 49.7 | 54.4 | 59.2 | 64.0 | 68.8 | 73.3 | 77.0 | 79.8 | 82.3 | 84.6 |
| 50° | 48.0 | 52.9 | 57.8 | 63.0 | 68.1 | 73.1 | 77.4 | 80.6 | 83.5 | 85.9 | 88.3 |
| 47.5° | 50.8 | 56.0 | 61.1 | 66.6 | 72.0 | 76.9 | 80.8 | 84.2 | 87.1 | 89.7 | 92.5 |
| 45° | 53.6 | 59.0 | 64.5 | 70.1 | 75.7 | 80.4 | 84.2 | 87.8 | 90.5 | 93.4 | 96.7 |
| 42.5° | 56.3 | 61.9 | 67.7 | 73.5 | 79.1 | 83.5 | 87.3 | 90.6 | 93.7 | 97.3 | 101.2 |
| 40° | 58.8 | 64.7 | 70.7 | 76.8 | 82.4 | 86.3 | 89.9 | 93.4 | 97.3 | 101.5 | 106.0 |
| 37.5° | 61.1 | 67.3 | 73.5 | 79.9 | 84.7 | 88.7 | 92.5 | 96.4 | 100.9 | 105.8 | 112.0 |
| 35° | 63.3 | 69.7 | 76.2 | 82.2 | 86.9 | 91.1 | 95.0 | 99.4 | 104.7 | 111.1 | 118.9 |
| 32.5° | 65.4 | 72.0 | 78.6 | 84.2 | 88.8 | 93.2 | 97.3 | 102.7 | 109.1 | 116.7 | 127.7 |
| 30° | 67.3 | 74.0 | 80.7 | 86.0 | 90.6 | 95.1 | 100.0 | 106.1 | 113.5 | 124.6 | 138.7 |
| 27.5° | 69.1 | 75.9 | 82.3 | 87.6 | 92.2 | 96.8 | 102.5 | 109.9 | 119.7 | 132.9 | 150.6 |
| 25° | 70.7 | 77.7 | 83.8 | 88.9 | 93.7 | 98.8 | 105.0 | 113.3 | 126.1 | 143.2 | 167.1 |
| 22.5° | 72.2 | 79.3 | 85.3 | 90.1 | 95.1 | 100.6 | 107.9 | 118.2 | 133.0 | 153.0 | 183.7 |
| 20° | 73.5 | 80.5 | 86.5 | 91.2 | 96.3 | 102.1 | 110.4 | 122.9 | 140.7 | 166.6 | 205.8 |
| 17.5° | 74.6 | 81.5 | 87.3 | 92.2 | 97.6 | 103.8 | 112.9 | 126.9 | 147.6 | 178.5 | 228.2 |
| 15° | 75.6 | 82.4 | 88.0 | 93.1 | 98.7 | 105.7 | 116.3 | 132.2 | 155.6 | 190.8 | 247.7 |
| 12.5° | 76.4 | 83.2 | 88.6 | 93.8 | 99.6 | 107.3 | 119.2 | 137.2 | 163.8 | 206.0 | 276.4 |
| 10° | 77.0 | 83.8 | 89.0 | 94.4 | 100.3 | 108.6 | 121.6 | 141.2 | 170.7 | 219.1 | 300.8 |
| 7.5° | 77.6 | 84.2 | 89.3 | 94.8 | 100.8 | 109.6 | 123.4 | 144.4 | 175.9 | 229.4 | 320.2 |
| 5° | 78.1 | 84.5 | 89.5 | 95.0 | 101.2 | 110.2 | 124.7 | 146.5 | 179.5 | 236.8 | 333.8 |
| 2.5° | 78.3 | 84.6 | 89.5 | 95.0 | 101.5 | 110.5 | 125.3 | 147.7 | 182.4 | 240.2 | 341.2 |
| 0° | 78.4 | 84.5 | 89.4 | 94.9 | 101.6 | 110.4 | 125.3 | 147.9 | 183.8 | 240.1 | 342.3 |
| -2.5° | 78.3 | 84.6 | 89.5 | 95.0 | 101.5 | 110.5 | 125.3 | 147.7 | 182.4 | 240.2 | 341.2 |
| -5° | 78.1 | 84.5 | 89.5 | 95.0 | 101.2 | 110.2 | 124.7 | 146.5 | 179.5 | 236.8 | 333.8 |
| -7.5° | 77.6 | 84.2 | 89.3 | 94.8 | 100.8 | 109.6 | 123.4 | 144.4 | 175.9 | 229.4 | 320.2 |
| -10° | 77.0 | 83.8 | 89.0 | 94.4 | 100.3 | 108.6 | 121.6 | 141.2 | 170.7 | 219.1 | 300.8 |
| -12.5° | 76.4 | 83.2 | 88.6 | 93.8 | 99.6 | 107.3 | 119.2 | 137.2 | 163.8 | 206.0 | 276.4 |
| -15° | 75.6 | 82.4 | 88.0 | 93.1 | 98.7 | 105.7 | 116.3 | 132.2 | 155.6 | 190.8 | 247.7 |
| -17.5° | 74.6 | 81.5 | 87.3 | 92.2 | 97.6 | 103.8 | 112.9 | 126.9 | 147.6 | 178.5 | 228.2 |
| -20° | 73.5 | 80.5 | 86.5 | 91.2 | 96.3 | 102.1 | 110.4 | 122.9 | 140.7 | 166.6 | 205.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 72.2 | 79.3 | 85.3 | 90.1 | 95.1 | 100.6 | 107.9 | 118.2 | 133.0 | 153.0 | 183.7 |
| -25° | 70.7 | 77.7 | 83.8 | 88.9 | 93.7 | 98.8 | 105.0 | 113.3 | 126.1 | 143.2 | 167.1 |
| -27.5° | 69.1 | 75.9 | 82.3 | 87.6 | 92.2 | 96.8 | 102.5 | 109.9 | 119.7 | 132.9 | 150.6 |
| -30° | 67.3 | 74.0 | 80.7 | 86.0 | 90.6 | 95.1 | 100.0 | 106.1 | 113.5 | 124.6 | 138.7 |
| -32.5° | 65.4 | 72.0 | 78.6 | 84.2 | 88.8 | 93.2 | 97.3 | 102.7 | 109.1 | 116.7 | 127.7 |
| -35° | 63.3 | 69.7 | 76.2 | 82.2 | 86.9 | 91.1 | 95.0 | 99.4 | 104.7 | 111.1 | 118.9 |
| -37.5° | 61.1 | 67.3 | 73.5 | 79.9 | 84.7 | 88.7 | 92.5 | 96.4 | 100.9 | 105.8 | 112.0 |
| -40° | 58.8 | 64.7 | 70.7 | 76.8 | 82.4 | 86.3 | 89.9 | 93.4 | 97.3 | 101.5 | 106.0 |
| -42.5° | 56.3 | 61.9 | 67.7 | 73.5 | 79.1 | 83.5 | 87.3 | 90.6 | 93.7 | 97.3 | 101.2 |
| -45° | 53.6 | 59.0 | 64.5 | 70.1 | 75.7 | 80.4 | 84.2 | 87.8 | 90.5 | 93.4 | 96.7 |
| -47.5° | 50.8 | 56.0 | 61.1 | 66.6 | 72.0 | 76.9 | 80.8 | 84.2 | 87.1 | 89.7 | 92.5 |
| -50° | 48.0 | 52.9 | 57.8 | 63.0 | 68.1 | 73.1 | 77.4 | 80.6 | 83.5 | 85.9 | 88.3 |
| -52.5° | 44.9 | 49.7 | 54.4 | 59.2 | 64.0 | 68.8 | 73.3 | 77.0 | 79.8 | 82.3 | 84.6 |
| -55° | 41.8 | 46.4 | 50.8 | 55.3 | 59.9 | 64.4 | 68.7 | 72.6 | 76.0 | 78.5 | 80.9 |
| -57.5° | 38.6 | 42.8 | 47.0 | 51.2 | 55.5 | 59.8 | 63.8 | 67.9 | 71.4 | 74.4 | 76.9 |
| -60° | 35.3 | 39.1 | 42.8 | 46.8 | 50.8 | 54.7 | 58.5 | 62.3 | 66.0 | 69.6 | 71.7 |
| -62.5° | 31.9 | 35.3 | 38.6 | 42.1 | 45.7 | 49.3 | 52.7 | 56.2 | 59.7 | 62.8 | 65.4 |
| -65° | 28.2 | 31.4 | 34.4 | 37.4 | 40.5 | 43.7 | 46.8 | 49.8 | 52.8 | 55.7 | 58.4 |
| -67.5° | 24.3 | 27.3 | 30.1 | 32.7 | 35.4 | 38.1 | 40.7 | 43.4 | 46.0 | 48.7 | 51.2 |
| -70° | 20.9 | 23.2 | 25.7 | 28.1 | 30.4 | 32.7 | 35.0 | 37.3 | 39.5 | 41.7 | 43.9 |
| -72.5° | 17.5 | 19.5 | 21.5 | 23.5 | 25.5 | 27.5 | 29.4 | 31.3 | 33.2 | 35.1 | 37.0 |
| -75° | 14.2 | 15.8 | 17.5 | 19.2 | 20.8 | 22.4 | 23.9 | 25.5 | 27.1 | 28.7 | 30.2 |
| -77.5° | 11.0 | 12.4 | 13.8 | 15.0 | 16.2 | 17.5 | 18.8 | 20.0 | 21.3 | 22.6 | 23.8 |
| -80° | 8.0 | 9.0 | 10.2 | 11.3 | 12.2 | 13.1 | 14.0 | 14.8 | 15.7 | 16.7 | 17.7 |
| -82.5° | 5.5 | 6.2 | 6.9 | 7.7 | 8.3 | 8.9 | 9.6 | 10.2 | 10.8 | 11.4 | 12.1 |
| -85° | 3.0 | 3.3 | 3.7 | 4.2 | 4.6 | 5.0 | 5.4 | 5.8 | 6.2 | 6.5 | 6.9 |
| -87.5° | 1.5 | 1.6 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 |
| -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: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.7 | 2.9 | 3.0 | 3.2 | 3.1 | 3.0 |
| 85° | 7.2 | 7.3 | 7.5 | 7.6 | 7.7 | 8.0 | 8.4 | 8.7 | 9.0 | 9.0 | 8.9 |
| 82.5° | 12.7 | 13.1 | 13.4 | 13.7 | 14.0 | 14.4 | 14.7 | 15.1 | 15.3 | 15.5 | 15.7 |
| 80° | 18.7 | 19.3 | 19.9 | 20.4 | 20.8 | 21.3 | 21.8 | 22.3 | 22.6 | 22.9 | 23.0 |
| 77.5° | 25.0 | 25.9 | 26.8 | 27.6 | 28.4 | 29.2 | 29.9 | 30.5 | 31.1 | 31.2 | 31.1 |
| 75° | 31.7 | 33.0 | 34.2 | 35.3 | 36.4 | 37.2 | 38.0 | 38.6 | 39.1 | 39.4 | 39.5 |
| 72.5° | 38.7 | 40.3 | 41.7 | 43.0 | 44.1 | 45.1 | 45.8 | 46.5 | 47.1 | 47.5 | 47.7 |
| 70° | 46.1 | 48.0 | 49.4 | 50.7 | 51.6 | 52.5 | 53.5 | 54.5 | 55.5 | 56.0 | 56.2 |
| 67.5° | 53.5 | 55.4 | 56.8 | 57.9 | 58.7 | 59.6 | 60.9 | 62.1 | 63.1 | 63.8 | 64.3 |
| 65° | 60.7 | 62.7 | 64.1 | 65.2 | 65.9 | 66.8 | 68.3 | 69.5 | 70.4 | 71.1 | 71.7 |
| 62.5° | 67.9 | 69.9 | 71.4 | 72.7 | 73.8 | 74.8 | 76.0 | 77.0 | 77.7 | 78.4 | 79.2 |
| 60° | 74.0 | 76.4 | 78.0 | 79.3 | 80.8 | 82.4 | 83.2 | 83.9 | 84.5 | 85.1 | 85.6 |
| 57.5° | 79.1 | 81.2 | 83.3 | 84.8 | 86.3 | 87.7 | 88.8 | 89.5 | 90.0 | 90.4 | 90.6 |
| 55° | 83.3 | 85.5 | 87.8 | 89.5 | 90.9 | 92.3 | 93.4 | 94.3 | 95.1 | 95.6 | 95.8 |
| 52.5° | 87.1 | 89.6 | 91.8 | 93.8 | 95.7 | 97.3 | 98.5 | 99.7 | 100.8 | 101.6 | 102.0 |
| 50° | 91.2 | 93.9 | 96.6 | 99.2 | 101.3 | 103.1 | 104.6 | 106.3 | 108.1 | 109.6 | 110.5 |
| 47.5° | 95.5 | 98.6 | 101.9 | 105.1 | 107.6 | 110.2 | 112.7 | 115.3 | 118.6 | 121.4 | 123.5 |
| 45° | 100.0 | 104.0 | 107.8 | 111.8 | 115.2 | 120.3 | 125.0 | 129.0 | 134.4 | 139.3 | 143.2 |
| 42.5° | 105.4 | 110.3 | 115.0 | 121.4 | 128.2 | 135.1 | 142.6 | 149.0 | 157.4 | 165.9 | 172.8 |
| 40° | 111.8 | 118.1 | 126.3 | 134.9 | 145.6 | 155.1 | 168.0 | 179.5 | 192.4 | 208.7 | 222.2 |
| 37.5° | 119.4 | 129.1 | 140.6 | 152.6 | 169.2 | 185.0 | 206.4 | 228.9 | 249.3 | 280.7 | 307.0 |
| 35° | 129.3 | 142.8 | 158.0 | 179.3 | 202.8 | 232.5 | 265.8 | 309.3 | 346.6 | 399.4 | 449.9 |
| 32.5° | 142.1 | 159.5 | 184.2 | 217.1 | 251.8 | 305.7 | 358.6 | 434.1 | 504.0 | 587.8 | 678.2 |
| 30° | 156.3 | 182.8 | 220.5 | 265.7 | 330.4 | 409.7 | 502.9 | 618.9 | 745.7 | 863.5 | 979.6 |
| 27.5° | 176.9 | 214.8 | 264.4 | 337.3 | 438.2 | 549.1 | 712.4 | 869.8 | 1033.9 | 1179.9 | 1301.6 |
| 25° | 201.0 | 251.1 | 327.8 | 435.0 | 571.5 | 761.5 | 957.0 | 1151.2 | 1327.7 | 1480.5 | 1615.0 |
| 22.5° | 232.1 | 304.1 | 406.4 | 545.3 | 757.8 | 985.5 | 1214.7 | 1428.9 | 1617.3 | 1787.4 | 1932.9 |
| 20° | 265.9 | 356.0 | 502.0 | 709.2 | 952.2 | 1211.6 | 1470.4 | 1698.6 | 1906.0 | 2098.9 | 2263.0 |
| 17.5° | 308.7 | 435.0 | 619.8 | 868.4 | 1149.3 | 1433.6 | 1705.5 | 1953.1 | 2188.3 | 2392.5 | 2563.9 |
| 15° | 345.2 | 504.5 | 745.8 | 1037.3 | 1341.1 | 1641.0 | 1928.0 | 2197.0 | 2441.6 | 2651.0 | 2812.2 |
| 12.5° | 393.9 | 582.4 | 857.6 | 1182.5 | 1511.7 | 1827.3 | 2129.6 | 2407.6 | 2656.5 | 2863.6 | 2989.1 |
| 10° | 440.0 | 663.1 | 965.7 | 1304.5 | 1646.5 | 1982.7 | 2305.5 | 2590.6 | 2821.7 | 2986.5 | 3093.4 |
| 7.5° | 479.1 | 732.5 | 1053.6 | 1403.1 | 1753.6 | 2105.1 | 2431.9 | 2709.3 | 2922.4 | 3060.0 | 3134.4 |
| 5° | 508.3 | 784.3 | 1118.8 | 1483.2 | 1842.9 | 2200.6 | 2524.8 | 2785.2 | 2969.4 | 3071.6 | 3109.0 |
| 2.5° | 527.0 | 814.7 | 1156.7 | 1535.8 | 1902.7 | 2261.0 | 2588.5 | 2844.9 | 3001.1 | 3068.9 | 3075.4 |
| 0° | 534.4 | 818.7 | 1162.6 | 1563.3 | 1917.7 | 2278.2 | 2606.7 | 2869.4 | 3012.9 | 3068.7 | 3067.6 |
| -2.5° | 527.0 | 814.7 | 1156.7 | 1535.8 | 1902.7 | 2261.0 | 2588.5 | 2844.9 | 3001.1 | 3068.9 | 3075.4 |
| -5° | 508.3 | 784.3 | 1118.8 | 1483.2 | 1842.9 | 2200.6 | 2524.8 | 2785.2 | 2969.4 | 3071.6 | 3109.0 |
| -7.5° | 479.1 | 732.5 | 1053.6 | 1403.1 | 1753.6 | 2105.1 | 2431.9 | 2709.3 | 2922.4 | 3060.0 | 3134.4 |
| -10° | 440.0 | 663.1 | 965.7 | 1304.5 | 1646.5 | 1982.7 | 2305.5 | 2590.6 | 2821.7 | 2986.5 | 3093.4 |
| -12.5° | 393.9 | 582.4 | 857.6 | 1182.5 | 1511.7 | 1827.3 | 2129.6 | 2407.6 | 2656.5 | 2863.6 | 2989.1 |
| -15° | 345.2 | 504.5 | 745.8 | 1037.3 | 1341.1 | 1641.0 | 1928.0 | 2197.0 | 2441.6 | 2651.0 | 2812.2 |
| -17.5° | 308.7 | 435.0 | 619.8 | 868.4 | 1149.3 | 1433.6 | 1705.5 | 1953.1 | 2188.3 | 2392.5 | 2563.9 |
| -20° | 265.9 | 356.0 | 502.0 | 709.2 | 952.2 | 1211.6 | 1470.4 | 1698.6 | 1906.0 | 2098.9 | 2263.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 232.1 | 304.1 | 406.4 | 545.3 | 757.8 | 985.5 | 1214.7 | 1428.9 | 1617.3 | 1787.4 | 1932.9 |
| -25° | 201.0 | 251.1 | 327.8 | 435.0 | 571.5 | 761.5 | 957.0 | 1151.2 | 1327.7 | 1480.5 | 1615.0 |
| -27.5° | 176.9 | 214.8 | 264.4 | 337.3 | 438.2 | 549.1 | 712.4 | 869.8 | 1033.9 | 1179.9 | 1301.6 |
| -30° | 156.3 | 182.8 | 220.5 | 265.7 | 330.4 | 409.7 | 502.9 | 618.9 | 745.7 | 863.5 | 979.6 |
| -32.5° | 142.1 | 159.5 | 184.2 | 217.1 | 251.8 | 305.7 | 358.6 | 434.1 | 504.0 | 587.8 | 678.2 |
| -35° | 129.3 | 142.8 | 158.0 | 179.3 | 202.8 | 232.5 | 265.8 | 309.3 | 346.6 | 399.4 | 449.9 |
| -37.5° | 119.4 | 129.1 | 140.6 | 152.6 | 169.2 | 185.0 | 206.4 | 228.9 | 249.3 | 280.7 | 307.0 |
| -40° | 111.8 | 118.1 | 126.3 | 134.9 | 145.6 | 155.1 | 168.0 | 179.5 | 192.4 | 208.7 | 222.2 |
| -42.5° | 105.4 | 110.3 | 115.0 | 121.4 | 128.2 | 135.1 | 142.6 | 149.0 | 157.4 | 165.9 | 172.8 |
| -45° | 100.0 | 104.0 | 107.8 | 111.8 | 115.2 | 120.3 | 125.0 | 129.0 | 134.4 | 139.3 | 143.2 |
| -47.5° | 95.5 | 98.6 | 101.9 | 105.1 | 107.6 | 110.2 | 112.7 | 115.3 | 118.6 | 121.4 | 123.5 |
| -50° | 91.2 | 93.9 | 96.6 | 99.2 | 101.3 | 103.1 | 104.6 | 106.3 | 108.1 | 109.6 | 110.5 |
| -52.5° | 87.1 | 89.6 | 91.8 | 93.8 | 95.7 | 97.3 | 98.5 | 99.7 | 100.8 | 101.6 | 102.0 |
| -55° | 83.3 | 85.5 | 87.8 | 89.5 | 90.9 | 92.3 | 93.4 | 94.3 | 95.1 | 95.6 | 95.8 |
| -57.5° | 79.1 | 81.2 | 83.3 | 84.8 | 86.3 | 87.7 | 88.8 | 89.5 | 90.0 | 90.4 | 90.6 |
| -60° | 74.0 | 76.4 | 78.0 | 79.3 | 80.8 | 82.4 | 83.2 | 83.9 | 84.5 | 85.1 | 85.6 |
| -62.5° | 67.9 | 69.9 | 71.4 | 72.7 | 73.8 | 74.8 | 76.0 | 77.0 | 77.7 | 78.4 | 79.2 |
| -65° | 60.7 | 62.7 | 64.1 | 65.2 | 65.9 | 66.8 | 68.3 | 69.5 | 70.4 | 71.1 | 71.7 |
| -67.5° | 53.5 | 55.4 | 56.8 | 57.9 | 58.7 | 59.6 | 60.9 | 62.1 | 63.1 | 63.8 | 64.3 |
| -70° | 46.1 | 48.0 | 49.4 | 50.7 | 51.6 | 52.5 | 53.5 | 54.5 | 55.5 | 56.0 | 56.2 |
| -72.5° | 38.7 | 40.3 | 41.7 | 43.0 | 44.1 | 45.1 | 45.8 | 46.5 | 47.1 | 47.5 | 47.7 |
| -75° | 31.7 | 33.0 | 34.2 | 35.3 | 36.4 | 37.2 | 38.0 | 38.6 | 39.1 | 39.4 | 39.5 |
| -77.5° | 25.0 | 25.9 | 26.8 | 27.6 | 28.4 | 29.2 | 29.9 | 30.5 | 31.1 | 31.2 | 31.1 |
| -80° | 18.7 | 19.3 | 19.9 | 20.4 | 20.8 | 21.3 | 21.8 | 22.3 | 22.6 | 22.9 | 23.0 |
| -82.5° | 12.7 | 13.1 | 13.4 | 13.7 | 14.0 | 14.4 | 14.7 | 15.1 | 15.3 | 15.5 | 15.7 |
| -85° | 7.2 | 7.3 | 7.5 | 7.6 | 7.7 | 8.0 | 8.4 | 8.7 | 9.0 | 9.0 | 8.9 |
| -87.5° | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.7 | 2.9 | 3.0 | 3.2 | 3.1 | 3.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-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° | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.0 |
| 85° | 8.8 | 8.8 | 8.5 | 8.3 | 8.5 | 8.8 | 8.8 | 8.9 | 9.0 | 9.0 | 8.7 |
| 82.5° | 15.8 | 15.9 | 15.7 | 15.5 | 15.7 | 15.9 | 15.8 | 15.7 | 15.5 | 15.3 | 15.1 |
| 80° | 23.1 | 23.1 | 22.9 | 22.6 | 22.9 | 23.1 | 23.1 | 23.0 | 22.9 | 22.6 | 22.3 |
| 77.5° | 31.0 | 30.8 | 30.9 | 30.9 | 30.9 | 30.8 | 31.0 | 31.1 | 31.2 | 31.1 | 30.5 |
| 75° | 39.6 | 39.5 | 39.4 | 39.2 | 39.4 | 39.5 | 39.6 | 39.5 | 39.4 | 39.1 | 38.6 |
| 72.5° | 47.8 | 47.8 | 47.7 | 47.5 | 47.7 | 47.8 | 47.8 | 47.7 | 47.5 | 47.1 | 46.5 |
| 70° | 56.2 | 56.1 | 56.2 | 56.3 | 56.2 | 56.1 | 56.2 | 56.2 | 56.0 | 55.5 | 54.5 |
| 67.5° | 64.6 | 64.8 | 64.8 | 64.6 | 64.8 | 64.8 | 64.6 | 64.3 | 63.8 | 63.1 | 62.1 |
| 65° | 72.2 | 72.6 | 72.8 | 72.9 | 72.8 | 72.6 | 72.2 | 71.7 | 71.1 | 70.4 | 69.5 |
| 62.5° | 79.8 | 80.3 | 80.3 | 80.0 | 80.3 | 80.3 | 79.8 | 79.2 | 78.4 | 77.7 | 77.0 |
| 60° | 85.8 | 85.9 | 85.8 | 85.6 | 85.8 | 85.9 | 85.8 | 85.6 | 85.1 | 84.5 | 83.9 |
| 57.5° | 90.6 | 90.4 | 90.2 | 90.0 | 90.2 | 90.4 | 90.6 | 90.6 | 90.4 | 90.0 | 89.5 |
| 55° | 95.7 | 95.4 | 95.2 | 94.9 | 95.2 | 95.4 | 95.7 | 95.8 | 95.6 | 95.1 | 94.3 |
| 52.5° | 102.1 | 101.9 | 101.8 | 101.6 | 101.8 | 101.9 | 102.1 | 102.0 | 101.6 | 100.8 | 99.7 |
| 50° | 111.0 | 111.1 | 111.2 | 111.0 | 111.2 | 111.1 | 111.0 | 110.5 | 109.6 | 108.1 | 106.3 |
| 47.5° | 124.9 | 125.6 | 126.1 | 126.4 | 126.1 | 125.6 | 124.9 | 123.5 | 121.4 | 118.6 | 115.3 |
| 45° | 145.7 | 147.1 | 148.2 | 149.0 | 148.2 | 147.1 | 145.7 | 143.2 | 139.3 | 134.4 | 129.0 |
| 42.5° | 177.7 | 181.0 | 182.6 | 182.2 | 182.6 | 181.0 | 177.7 | 172.8 | 165.9 | 157.4 | 149.0 |
| 40° | 231.2 | 236.5 | 239.5 | 241.8 | 239.5 | 236.5 | 231.2 | 222.2 | 208.7 | 192.4 | 179.5 |
| 37.5° | 325.1 | 335.4 | 340.9 | 345.6 | 340.9 | 335.4 | 325.1 | 307.0 | 280.7 | 249.3 | 228.9 |
| 35° | 487.7 | 511.0 | 523.4 | 527.7 | 523.4 | 511.0 | 487.7 | 449.9 | 399.4 | 346.6 | 309.3 |
| 32.5° | 748.6 | 791.5 | 815.2 | 833.6 | 815.2 | 791.5 | 748.6 | 678.2 | 587.8 | 504.0 | 434.1 |
| 30° | 1071.5 | 1128.0 | 1159.4 | 1174.7 | 1159.4 | 1128.0 | 1071.5 | 979.6 | 863.5 | 745.7 | 618.9 |
| 27.5° | 1402.5 | 1466.8 | 1500.6 | 1498.7 | 1500.6 | 1466.8 | 1402.5 | 1301.6 | 1179.9 | 1033.9 | 869.8 |
| 25° | 1730.3 | 1804.7 | 1838.4 | 1868.6 | 1838.4 | 1804.7 | 1730.3 | 1615.0 | 1480.5 | 1327.7 | 1151.2 |
| 22.5° | 2061.8 | 2148.8 | 2196.3 | 2218.6 | 2196.3 | 2148.8 | 2061.8 | 1932.9 | 1787.4 | 1617.3 | 1428.9 |
| 20° | 2389.4 | 2486.3 | 2536.7 | 2558.6 | 2536.7 | 2486.3 | 2389.4 | 2263.0 | 2098.9 | 1906.0 | 1698.6 |
| 17.5° | 2680.0 | 2774.6 | 2822.6 | 2842.9 | 2822.6 | 2774.6 | 2680.0 | 2563.9 | 2392.5 | 2188.3 | 1953.1 |
| 15° | 2911.9 | 2981.7 | 3022.6 | 3033.4 | 3022.6 | 2981.7 | 2911.9 | 2812.2 | 2651.0 | 2441.6 | 2197.0 |
| 12.5° | 3072.3 | 3099.3 | 3119.0 | 3125.0 | 3119.0 | 3099.3 | 3072.3 | 2989.1 | 2863.6 | 2656.5 | 2407.6 |
| 10° | 3154.3 | 3142.1 | 3137.1 | 3137.7 | 3137.1 | 3142.1 | 3154.3 | 3093.4 | 2986.5 | 2821.7 | 2590.6 |
| 7.5° | 3148.6 | 3130.6 | 3094.4 | 3088.6 | 3094.4 | 3130.6 | 3148.6 | 3134.4 | 3060.0 | 2922.4 | 2709.3 |
| 5° | 3103.4 | 3070.5 | 3010.4 | 2993.1 | 3010.4 | 3070.5 | 3103.4 | 3109.0 | 3071.6 | 2969.4 | 2785.2 |
| 2.5° | 3050.7 | 2991.4 | 2936.0 | 2900.3 | 2936.0 | 2991.4 | 3050.7 | 3075.4 | 3068.9 | 3001.1 | 2844.9 |
| 0° | 3035.0 | 2966.6 | 2894.8 | 2871.6 | 2894.8 | 2966.6 | 3035.0 | 3067.6 | 3068.7 | 3012.9 | 2869.4 |
| -2.5° | 3050.7 | 2991.4 | 2936.0 | 2900.3 | 2936.0 | 2991.4 | 3050.7 | 3075.4 | 3068.9 | 3001.1 | 2844.9 |
| -5° | 3103.4 | 3070.5 | 3010.4 | 2993.1 | 3010.4 | 3070.5 | 3103.4 | 3109.0 | 3071.6 | 2969.4 | 2785.2 |
| -7.5° | 3148.6 | 3130.6 | 3094.4 | 3088.6 | 3094.4 | 3130.6 | 3148.6 | 3134.4 | 3060.0 | 2922.4 | 2709.3 |
| -10° | 3154.3 | 3142.1 | 3137.1 | 3137.7 | 3137.1 | 3142.1 | 3154.3 | 3093.4 | 2986.5 | 2821.7 | 2590.6 |
| -12.5° | 3072.3 | 3099.3 | 3119.0 | 3125.0 | 3119.0 | 3099.3 | 3072.3 | 2989.1 | 2863.6 | 2656.5 | 2407.6 |
| -15° | 2911.9 | 2981.7 | 3022.6 | 3033.4 | 3022.6 | 2981.7 | 2911.9 | 2812.2 | 2651.0 | 2441.6 | 2197.0 |
| -17.5° | 2680.0 | 2774.6 | 2822.6 | 2842.9 | 2822.6 | 2774.6 | 2680.0 | 2563.9 | 2392.5 | 2188.3 | 1953.1 |
| -20° | 2389.4 | 2486.3 | 2536.7 | 2558.6 | 2536.7 | 2486.3 | 2389.4 | 2263.0 | 2098.9 | 1906.0 | 1698.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 2061.8 | 2148.8 | 2196.3 | 2218.6 | 2196.3 | 2148.8 | 2061.8 | 1932.9 | 1787.4 | 1617.3 | 1428.9 |
| -25° | 1730.3 | 1804.7 | 1838.4 | 1868.6 | 1838.4 | 1804.7 | 1730.3 | 1615.0 | 1480.5 | 1327.7 | 1151.2 |
| -27.5° | 1402.5 | 1466.8 | 1500.6 | 1498.7 | 1500.6 | 1466.8 | 1402.5 | 1301.6 | 1179.9 | 1033.9 | 869.8 |
| -30° | 1071.5 | 1128.0 | 1159.4 | 1174.7 | 1159.4 | 1128.0 | 1071.5 | 979.6 | 863.5 | 745.7 | 618.9 |
| -32.5° | 748.6 | 791.5 | 815.2 | 833.6 | 815.2 | 791.5 | 748.6 | 678.2 | 587.8 | 504.0 | 434.1 |
| -35° | 487.7 | 511.0 | 523.4 | 527.7 | 523.4 | 511.0 | 487.7 | 449.9 | 399.4 | 346.6 | 309.3 |
| -37.5° | 325.1 | 335.4 | 340.9 | 345.6 | 340.9 | 335.4 | 325.1 | 307.0 | 280.7 | 249.3 | 228.9 |
| -40° | 231.2 | 236.5 | 239.5 | 241.8 | 239.5 | 236.5 | 231.2 | 222.2 | 208.7 | 192.4 | 179.5 |
| -42.5° | 177.7 | 181.0 | 182.6 | 182.2 | 182.6 | 181.0 | 177.7 | 172.8 | 165.9 | 157.4 | 149.0 |
| -45° | 145.7 | 147.1 | 148.2 | 149.0 | 148.2 | 147.1 | 145.7 | 143.2 | 139.3 | 134.4 | 129.0 |
| -47.5° | 124.9 | 125.6 | 126.1 | 126.4 | 126.1 | 125.6 | 124.9 | 123.5 | 121.4 | 118.6 | 115.3 |
| -50° | 111.0 | 111.1 | 111.2 | 111.0 | 111.2 | 111.1 | 111.0 | 110.5 | 109.6 | 108.1 | 106.3 |
| -52.5° | 102.1 | 101.9 | 101.8 | 101.6 | 101.8 | 101.9 | 102.1 | 102.0 | 101.6 | 100.8 | 99.7 |
| -55° | 95.7 | 95.4 | 95.2 | 94.9 | 95.2 | 95.4 | 95.7 | 95.8 | 95.6 | 95.1 | 94.3 |
| -57.5° | 90.6 | 90.4 | 90.2 | 90.0 | 90.2 | 90.4 | 90.6 | 90.6 | 90.4 | 90.0 | 89.5 |
| -60° | 85.8 | 85.9 | 85.8 | 85.6 | 85.8 | 85.9 | 85.8 | 85.6 | 85.1 | 84.5 | 83.9 |
| -62.5° | 79.8 | 80.3 | 80.3 | 80.0 | 80.3 | 80.3 | 79.8 | 79.2 | 78.4 | 77.7 | 77.0 |
| -65° | 72.2 | 72.6 | 72.8 | 72.9 | 72.8 | 72.6 | 72.2 | 71.7 | 71.1 | 70.4 | 69.5 |
| -67.5° | 64.6 | 64.8 | 64.8 | 64.6 | 64.8 | 64.8 | 64.6 | 64.3 | 63.8 | 63.1 | 62.1 |
| -70° | 56.2 | 56.1 | 56.2 | 56.3 | 56.2 | 56.1 | 56.2 | 56.2 | 56.0 | 55.5 | 54.5 |
| -72.5° | 47.8 | 47.8 | 47.7 | 47.5 | 47.7 | 47.8 | 47.8 | 47.7 | 47.5 | 47.1 | 46.5 |
| -75° | 39.6 | 39.5 | 39.4 | 39.2 | 39.4 | 39.5 | 39.6 | 39.5 | 39.4 | 39.1 | 38.6 |
| -77.5° | 31.0 | 30.8 | 30.9 | 30.9 | 30.9 | 30.8 | 31.0 | 31.1 | 31.2 | 31.1 | 30.5 |
| -80° | 23.1 | 23.1 | 22.9 | 22.6 | 22.9 | 23.1 | 23.1 | 23.0 | 22.9 | 22.6 | 22.3 |
| -82.5° | 15.8 | 15.9 | 15.7 | 15.5 | 15.7 | 15.9 | 15.8 | 15.7 | 15.5 | 15.3 | 15.1 |
| -85° | 8.8 | 8.8 | 8.5 | 8.3 | 8.5 | 8.8 | 8.8 | 8.9 | 9.0 | 9.0 | 8.7 |
| -87.5° | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 2.9 | 2.7 | 2.5 | 2.6 | 2.6 | 2.7 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 |
| 85° | 8.4 | 8.0 | 7.7 | 7.6 | 7.5 | 7.3 | 7.2 | 6.9 | 6.5 | 6.2 | 5.8 |
| 82.5° | 14.7 | 14.4 | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.1 | 11.4 | 10.8 | 10.2 |
| 80° | 21.8 | 21.3 | 20.8 | 20.4 | 19.9 | 19.3 | 18.7 | 17.7 | 16.7 | 15.7 | 14.8 |
| 77.5° | 29.9 | 29.2 | 28.4 | 27.6 | 26.8 | 25.9 | 25.0 | 23.8 | 22.6 | 21.3 | 20.0 |
| 75° | 38.0 | 37.2 | 36.4 | 35.3 | 34.2 | 33.0 | 31.7 | 30.2 | 28.7 | 27.1 | 25.5 |
| 72.5° | 45.8 | 45.1 | 44.1 | 43.0 | 41.7 | 40.3 | 38.7 | 37.0 | 35.1 | 33.2 | 31.3 |
| 70° | 53.5 | 52.5 | 51.6 | 50.7 | 49.4 | 48.0 | 46.1 | 43.9 | 41.7 | 39.5 | 37.3 |
| 67.5° | 60.9 | 59.6 | 58.7 | 57.9 | 56.8 | 55.4 | 53.5 | 51.2 | 48.7 | 46.0 | 43.4 |
| 65° | 68.3 | 66.8 | 65.9 | 65.2 | 64.1 | 62.7 | 60.7 | 58.4 | 55.7 | 52.8 | 49.8 |
| 62.5° | 76.0 | 74.8 | 73.8 | 72.7 | 71.4 | 69.9 | 67.9 | 65.4 | 62.8 | 59.7 | 56.2 |
| 60° | 83.2 | 82.4 | 80.8 | 79.3 | 78.0 | 76.4 | 74.0 | 71.7 | 69.6 | 66.0 | 62.3 |
| 57.5° | 88.8 | 87.7 | 86.3 | 84.8 | 83.3 | 81.2 | 79.1 | 76.9 | 74.4 | 71.4 | 67.9 |
| 55° | 93.4 | 92.3 | 90.9 | 89.5 | 87.8 | 85.5 | 83.3 | 80.9 | 78.5 | 76.0 | 72.6 |
| 52.5° | 98.5 | 97.3 | 95.7 | 93.8 | 91.8 | 89.6 | 87.1 | 84.6 | 82.3 | 79.8 | 77.0 |
| 50° | 104.6 | 103.1 | 101.3 | 99.2 | 96.6 | 93.9 | 91.2 | 88.3 | 85.9 | 83.5 | 80.6 |
| 47.5° | 112.7 | 110.2 | 107.6 | 105.1 | 101.9 | 98.6 | 95.5 | 92.5 | 89.7 | 87.1 | 84.2 |
| 45° | 125.0 | 120.3 | 115.2 | 111.8 | 107.8 | 104.0 | 100.0 | 96.7 | 93.4 | 90.5 | 87.8 |
| 42.5° | 142.6 | 135.1 | 128.2 | 121.4 | 115.0 | 110.3 | 105.4 | 101.2 | 97.3 | 93.7 | 90.6 |
| 40° | 168.0 | 155.1 | 145.6 | 134.9 | 126.3 | 118.1 | 111.8 | 106.0 | 101.5 | 97.3 | 93.4 |
| 37.5° | 206.4 | 185.0 | 169.2 | 152.6 | 140.6 | 129.1 | 119.4 | 112.0 | 105.8 | 100.9 | 96.4 |
| 35° | 265.8 | 232.5 | 202.8 | 179.3 | 158.0 | 142.8 | 129.3 | 118.9 | 111.1 | 104.7 | 99.4 |
| 32.5° | 358.6 | 305.7 | 251.8 | 217.1 | 184.2 | 159.5 | 142.1 | 127.7 | 116.7 | 109.1 | 102.7 |
| 30° | 502.9 | 409.7 | 330.4 | 265.7 | 220.5 | 182.8 | 156.3 | 138.7 | 124.6 | 113.5 | 106.1 |
| 27.5° | 712.4 | 549.1 | 438.2 | 337.3 | 264.4 | 214.8 | 176.9 | 150.6 | 132.9 | 119.7 | 109.9 |
| 25° | 957.0 | 761.5 | 571.5 | 435.0 | 327.8 | 251.1 | 201.0 | 167.1 | 143.2 | 126.1 | 113.3 |
| 22.5° | 1214.7 | 985.5 | 757.8 | 545.3 | 406.4 | 304.1 | 232.1 | 183.7 | 153.0 | 133.0 | 118.2 |
| 20° | 1470.4 | 1211.6 | 952.2 | 709.2 | 502.0 | 356.0 | 265.9 | 205.8 | 166.6 | 140.7 | 122.9 |
| 17.5° | 1705.5 | 1433.6 | 1149.3 | 868.4 | 619.8 | 435.0 | 308.7 | 228.2 | 178.5 | 147.6 | 126.9 |
| 15° | 1928.0 | 1641.0 | 1341.1 | 1037.3 | 745.8 | 504.5 | 345.2 | 247.7 | 190.8 | 155.6 | 132.2 |
| 12.5° | 2129.6 | 1827.3 | 1511.7 | 1182.5 | 857.6 | 582.4 | 393.9 | 276.4 | 206.0 | 163.8 | 137.2 |
| 10° | 2305.5 | 1982.7 | 1646.5 | 1304.5 | 965.7 | 663.1 | 440.0 | 300.8 | 219.1 | 170.7 | 141.2 |
| 7.5° | 2431.9 | 2105.1 | 1753.6 | 1403.1 | 1053.6 | 732.5 | 479.1 | 320.2 | 229.4 | 175.9 | 144.4 |
| 5° | 2524.8 | 2200.6 | 1842.9 | 1483.2 | 1118.8 | 784.3 | 508.3 | 333.8 | 236.8 | 179.5 | 146.5 |
| 2.5° | 2588.5 | 2261.0 | 1902.7 | 1535.8 | 1156.7 | 814.7 | 527.0 | 341.2 | 240.2 | 182.4 | 147.7 |
| 0° | 2606.7 | 2278.2 | 1917.7 | 1563.3 | 1162.6 | 818.7 | 534.4 | 342.3 | 240.1 | 183.8 | 147.9 |
| -2.5° | 2588.5 | 2261.0 | 1902.7 | 1535.8 | 1156.7 | 814.7 | 527.0 | 341.2 | 240.2 | 182.4 | 147.7 |
| -5° | 2524.8 | 2200.6 | 1842.9 | 1483.2 | 1118.8 | 784.3 | 508.3 | 333.8 | 236.8 | 179.5 | 146.5 |
| -7.5° | 2431.9 | 2105.1 | 1753.6 | 1403.1 | 1053.6 | 732.5 | 479.1 | 320.2 | 229.4 | 175.9 | 144.4 |
| -10° | 2305.5 | 1982.7 | 1646.5 | 1304.5 | 965.7 | 663.1 | 440.0 | 300.8 | 219.1 | 170.7 | 141.2 |
| -12.5° | 2129.6 | 1827.3 | 1511.7 | 1182.5 | 857.6 | 582.4 | 393.9 | 276.4 | 206.0 | 163.8 | 137.2 |
| -15° | 1928.0 | 1641.0 | 1341.1 | 1037.3 | 745.8 | 504.5 | 345.2 | 247.7 | 190.8 | 155.6 | 132.2 |
| -17.5° | 1705.5 | 1433.6 | 1149.3 | 868.4 | 619.8 | 435.0 | 308.7 | 228.2 | 178.5 | 147.6 | 126.9 |
| -20° | 1470.4 | 1211.6 | 952.2 | 709.2 | 502.0 | 356.0 | 265.9 | 205.8 | 166.6 | 140.7 | 122.9 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1214.7 | 985.5 | 757.8 | 545.3 | 406.4 | 304.1 | 232.1 | 183.7 | 153.0 | 133.0 | 118.2 |
| -25° | 957.0 | 761.5 | 571.5 | 435.0 | 327.8 | 251.1 | 201.0 | 167.1 | 143.2 | 126.1 | 113.3 |
| -27.5° | 712.4 | 549.1 | 438.2 | 337.3 | 264.4 | 214.8 | 176.9 | 150.6 | 132.9 | 119.7 | 109.9 |
| -30° | 502.9 | 409.7 | 330.4 | 265.7 | 220.5 | 182.8 | 156.3 | 138.7 | 124.6 | 113.5 | 106.1 |
| -32.5° | 358.6 | 305.7 | 251.8 | 217.1 | 184.2 | 159.5 | 142.1 | 127.7 | 116.7 | 109.1 | 102.7 |
| -35° | 265.8 | 232.5 | 202.8 | 179.3 | 158.0 | 142.8 | 129.3 | 118.9 | 111.1 | 104.7 | 99.4 |
| -37.5° | 206.4 | 185.0 | 169.2 | 152.6 | 140.6 | 129.1 | 119.4 | 112.0 | 105.8 | 100.9 | 96.4 |
| -40° | 168.0 | 155.1 | 145.6 | 134.9 | 126.3 | 118.1 | 111.8 | 106.0 | 101.5 | 97.3 | 93.4 |
| -42.5° | 142.6 | 135.1 | 128.2 | 121.4 | 115.0 | 110.3 | 105.4 | 101.2 | 97.3 | 93.7 | 90.6 |
| -45° | 125.0 | 120.3 | 115.2 | 111.8 | 107.8 | 104.0 | 100.0 | 96.7 | 93.4 | 90.5 | 87.8 |
| -47.5° | 112.7 | 110.2 | 107.6 | 105.1 | 101.9 | 98.6 | 95.5 | 92.5 | 89.7 | 87.1 | 84.2 |
| -50° | 104.6 | 103.1 | 101.3 | 99.2 | 96.6 | 93.9 | 91.2 | 88.3 | 85.9 | 83.5 | 80.6 |
| -52.5° | 98.5 | 97.3 | 95.7 | 93.8 | 91.8 | 89.6 | 87.1 | 84.6 | 82.3 | 79.8 | 77.0 |
| -55° | 93.4 | 92.3 | 90.9 | 89.5 | 87.8 | 85.5 | 83.3 | 80.9 | 78.5 | 76.0 | 72.6 |
| -57.5° | 88.8 | 87.7 | 86.3 | 84.8 | 83.3 | 81.2 | 79.1 | 76.9 | 74.4 | 71.4 | 67.9 |
| -60° | 83.2 | 82.4 | 80.8 | 79.3 | 78.0 | 76.4 | 74.0 | 71.7 | 69.6 | 66.0 | 62.3 |
| -62.5° | 76.0 | 74.8 | 73.8 | 72.7 | 71.4 | 69.9 | 67.9 | 65.4 | 62.8 | 59.7 | 56.2 |
| -65° | 68.3 | 66.8 | 65.9 | 65.2 | 64.1 | 62.7 | 60.7 | 58.4 | 55.7 | 52.8 | 49.8 |
| -67.5° | 60.9 | 59.6 | 58.7 | 57.9 | 56.8 | 55.4 | 53.5 | 51.2 | 48.7 | 46.0 | 43.4 |
| -70° | 53.5 | 52.5 | 51.6 | 50.7 | 49.4 | 48.0 | 46.1 | 43.9 | 41.7 | 39.5 | 37.3 |
| -72.5° | 45.8 | 45.1 | 44.1 | 43.0 | 41.7 | 40.3 | 38.7 | 37.0 | 35.1 | 33.2 | 31.3 |
| -75° | 38.0 | 37.2 | 36.4 | 35.3 | 34.2 | 33.0 | 31.7 | 30.2 | 28.7 | 27.1 | 25.5 |
| -77.5° | 29.9 | 29.2 | 28.4 | 27.6 | 26.8 | 25.9 | 25.0 | 23.8 | 22.6 | 21.3 | 20.0 |
| -80° | 21.8 | 21.3 | 20.8 | 20.4 | 19.9 | 19.3 | 18.7 | 17.7 | 16.7 | 15.7 | 14.8 |
| -82.5° | 14.7 | 14.4 | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.1 | 11.4 | 10.8 | 10.2 |
| -85° | 8.4 | 8.0 | 7.7 | 7.6 | 7.5 | 7.3 | 7.2 | 6.9 | 6.5 | 6.2 | 5.8 |
| -87.5° | 2.9 | 2.7 | 2.5 | 2.6 | 2.6 | 2.7 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 |
| -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: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.6 | 1.5 | 1.4 | 1.2 | 1.0 | 0.9 |
| 85° | 5.4 | 5.0 | 4.6 | 4.2 | 3.7 | 3.3 | 3.0 | 2.8 | 2.4 | 2.1 | 1.8 |
| 82.5° | 9.6 | 8.9 | 8.3 | 7.7 | 6.9 | 6.2 | 5.5 | 4.7 | 4.0 | 3.2 | 2.6 |
| 80° | 14.0 | 13.1 | 12.2 | 11.3 | 10.2 | 9.0 | 8.0 | 7.1 | 6.1 | 5.1 | 4.1 |
| 77.5° | 18.8 | 17.5 | 16.2 | 15.0 | 13.8 | 12.4 | 11.0 | 9.5 | 8.2 | 7.1 | 5.8 |
| 75° | 23.9 | 22.4 | 20.8 | 19.2 | 17.5 | 15.8 | 14.2 | 12.5 | 10.8 | 9.0 | 7.5 |
| 72.5° | 29.4 | 27.5 | 25.5 | 23.5 | 21.5 | 19.5 | 17.5 | 15.4 | 13.4 | 11.4 | 9.3 |
| 70° | 35.0 | 32.7 | 30.4 | 28.1 | 25.7 | 23.2 | 20.9 | 18.5 | 16.1 | 13.7 | 11.4 |
| 67.5° | 40.7 | 38.1 | 35.4 | 32.7 | 30.1 | 27.3 | 24.3 | 21.5 | 18.8 | 16.1 | 13.4 |
| 65° | 46.8 | 43.7 | 40.5 | 37.4 | 34.4 | 31.4 | 28.2 | 24.6 | 21.4 | 18.4 | 15.4 |
| 62.5° | 52.7 | 49.3 | 45.7 | 42.1 | 38.6 | 35.3 | 31.9 | 28.0 | 24.1 | 20.7 | 17.4 |
| 60° | 58.5 | 54.7 | 50.8 | 46.8 | 42.8 | 39.1 | 35.3 | 31.2 | 27.0 | 22.9 | 19.3 |
| 57.5° | 63.8 | 59.8 | 55.5 | 51.2 | 47.0 | 42.8 | 38.6 | 34.3 | 29.8 | 25.3 | 21.2 |
| 55° | 68.7 | 64.4 | 59.9 | 55.3 | 50.8 | 46.4 | 41.8 | 37.2 | 32.5 | 27.7 | 23.0 |
| 52.5° | 73.3 | 68.8 | 64.0 | 59.2 | 54.4 | 49.7 | 44.9 | 40.0 | 35.0 | 30.0 | 25.0 |
| 50° | 77.4 | 73.1 | 68.1 | 63.0 | 57.8 | 52.9 | 48.0 | 42.7 | 37.5 | 32.2 | 27.0 |
| 47.5° | 80.8 | 76.9 | 72.0 | 66.6 | 61.1 | 56.0 | 50.8 | 45.4 | 39.9 | 34.3 | 28.8 |
| 45° | 84.2 | 80.4 | 75.7 | 70.1 | 64.5 | 59.0 | 53.6 | 48.0 | 42.2 | 36.4 | 30.6 |
| 42.5° | 87.3 | 83.5 | 79.1 | 73.5 | 67.7 | 61.9 | 56.3 | 50.4 | 44.4 | 38.3 | 32.3 |
| 40° | 89.9 | 86.3 | 82.4 | 76.8 | 70.7 | 64.7 | 58.8 | 52.8 | 46.5 | 40.1 | 33.9 |
| 37.5° | 92.5 | 88.7 | 84.7 | 79.9 | 73.5 | 67.3 | 61.1 | 55.0 | 48.5 | 41.9 | 35.4 |
| 35° | 95.0 | 91.1 | 86.9 | 82.2 | 76.2 | 69.7 | 63.3 | 57.1 | 50.4 | 43.7 | 36.8 |
| 32.5° | 97.3 | 93.2 | 88.8 | 84.2 | 78.6 | 72.0 | 65.4 | 58.9 | 52.2 | 45.3 | 38.1 |
| 30° | 100.0 | 95.1 | 90.6 | 86.0 | 80.7 | 74.0 | 67.3 | 60.6 | 53.8 | 46.8 | 39.4 |
| 27.5° | 102.5 | 96.8 | 92.2 | 87.6 | 82.3 | 75.9 | 69.1 | 62.2 | 55.3 | 48.2 | 40.6 |
| 25° | 105.0 | 98.8 | 93.7 | 88.9 | 83.8 | 77.7 | 70.7 | 63.6 | 56.6 | 49.5 | 41.7 |
| 22.5° | 107.9 | 100.6 | 95.1 | 90.1 | 85.3 | 79.3 | 72.2 | 65.0 | 57.8 | 50.5 | 42.8 |
| 20° | 110.4 | 102.1 | 96.3 | 91.2 | 86.5 | 80.5 | 73.5 | 66.2 | 58.9 | 51.5 | 43.7 |
| 17.5° | 112.9 | 103.8 | 97.6 | 92.2 | 87.3 | 81.5 | 74.6 | 67.2 | 59.8 | 52.3 | 44.6 |
| 15° | 116.3 | 105.7 | 98.7 | 93.1 | 88.0 | 82.4 | 75.6 | 68.1 | 60.5 | 53.1 | 45.3 |
| 12.5° | 119.2 | 107.3 | 99.6 | 93.8 | 88.6 | 83.2 | 76.4 | 68.8 | 61.2 | 53.7 | 46.0 |
| 10° | 121.6 | 108.6 | 100.3 | 94.4 | 89.0 | 83.8 | 77.0 | 69.4 | 61.8 | 54.2 | 46.5 |
| 7.5° | 123.4 | 109.6 | 100.8 | 94.8 | 89.3 | 84.2 | 77.6 | 70.0 | 62.3 | 54.7 | 47.0 |
| 5° | 124.7 | 110.2 | 101.2 | 95.0 | 89.5 | 84.5 | 78.1 | 70.4 | 62.6 | 55.0 | 47.3 |
| 2.5° | 125.3 | 110.5 | 101.5 | 95.0 | 89.5 | 84.6 | 78.3 | 70.6 | 62.8 | 55.1 | 47.4 |
| 0° | 125.3 | 110.4 | 101.6 | 94.9 | 89.4 | 84.5 | 78.4 | 70.7 | 62.9 | 55.2 | 47.5 |
| -2.5° | 125.3 | 110.5 | 101.5 | 95.0 | 89.5 | 84.6 | 78.3 | 70.6 | 62.8 | 55.1 | 47.4 |
| -5° | 124.7 | 110.2 | 101.2 | 95.0 | 89.5 | 84.5 | 78.1 | 70.4 | 62.6 | 55.0 | 47.3 |
| -7.5° | 123.4 | 109.6 | 100.8 | 94.8 | 89.3 | 84.2 | 77.6 | 70.0 | 62.3 | 54.7 | 47.0 |
| -10° | 121.6 | 108.6 | 100.3 | 94.4 | 89.0 | 83.8 | 77.0 | 69.4 | 61.8 | 54.2 | 46.5 |
| -12.5° | 119.2 | 107.3 | 99.6 | 93.8 | 88.6 | 83.2 | 76.4 | 68.8 | 61.2 | 53.7 | 46.0 |
| -15° | 116.3 | 105.7 | 98.7 | 93.1 | 88.0 | 82.4 | 75.6 | 68.1 | 60.5 | 53.1 | 45.3 |
| -17.5° | 112.9 | 103.8 | 97.6 | 92.2 | 87.3 | 81.5 | 74.6 | 67.2 | 59.8 | 52.3 | 44.6 |
| -20° | 110.4 | 102.1 | 96.3 | 91.2 | 86.5 | 80.5 | 73.5 | 66.2 | 58.9 | 51.5 | 43.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 107.9 | 100.6 | 95.1 | 90.1 | 85.3 | 79.3 | 72.2 | 65.0 | 57.8 | 50.5 | 42.8 |
| -25° | 105.0 | 98.8 | 93.7 | 88.9 | 83.8 | 77.7 | 70.7 | 63.6 | 56.6 | 49.5 | 41.7 |
| -27.5° | 102.5 | 96.8 | 92.2 | 87.6 | 82.3 | 75.9 | 69.1 | 62.2 | 55.3 | 48.2 | 40.6 |
| -30° | 100.0 | 95.1 | 90.6 | 86.0 | 80.7 | 74.0 | 67.3 | 60.6 | 53.8 | 46.8 | 39.4 |
| -32.5° | 97.3 | 93.2 | 88.8 | 84.2 | 78.6 | 72.0 | 65.4 | 58.9 | 52.2 | 45.3 | 38.1 |
| -35° | 95.0 | 91.1 | 86.9 | 82.2 | 76.2 | 69.7 | 63.3 | 57.1 | 50.4 | 43.7 | 36.8 |
| -37.5° | 92.5 | 88.7 | 84.7 | 79.9 | 73.5 | 67.3 | 61.1 | 55.0 | 48.5 | 41.9 | 35.4 |
| -40° | 89.9 | 86.3 | 82.4 | 76.8 | 70.7 | 64.7 | 58.8 | 52.8 | 46.5 | 40.1 | 33.9 |
| -42.5° | 87.3 | 83.5 | 79.1 | 73.5 | 67.7 | 61.9 | 56.3 | 50.4 | 44.4 | 38.3 | 32.3 |
| -45° | 84.2 | 80.4 | 75.7 | 70.1 | 64.5 | 59.0 | 53.6 | 48.0 | 42.2 | 36.4 | 30.6 |
| -47.5° | 80.8 | 76.9 | 72.0 | 66.6 | 61.1 | 56.0 | 50.8 | 45.4 | 39.9 | 34.3 | 28.8 |
| -50° | 77.4 | 73.1 | 68.1 | 63.0 | 57.8 | 52.9 | 48.0 | 42.7 | 37.5 | 32.2 | 27.0 |
| -52.5° | 73.3 | 68.8 | 64.0 | 59.2 | 54.4 | 49.7 | 44.9 | 40.0 | 35.0 | 30.0 | 25.0 |
| -55° | 68.7 | 64.4 | 59.9 | 55.3 | 50.8 | 46.4 | 41.8 | 37.2 | 32.5 | 27.7 | 23.0 |
| -57.5° | 63.8 | 59.8 | 55.5 | 51.2 | 47.0 | 42.8 | 38.6 | 34.3 | 29.8 | 25.3 | 21.2 |
| -60° | 58.5 | 54.7 | 50.8 | 46.8 | 42.8 | 39.1 | 35.3 | 31.2 | 27.0 | 22.9 | 19.3 |
| -62.5° | 52.7 | 49.3 | 45.7 | 42.1 | 38.6 | 35.3 | 31.9 | 28.0 | 24.1 | 20.7 | 17.4 |
| -65° | 46.8 | 43.7 | 40.5 | 37.4 | 34.4 | 31.4 | 28.2 | 24.6 | 21.4 | 18.4 | 15.4 |
| -67.5° | 40.7 | 38.1 | 35.4 | 32.7 | 30.1 | 27.3 | 24.3 | 21.5 | 18.8 | 16.1 | 13.4 |
| -70° | 35.0 | 32.7 | 30.4 | 28.1 | 25.7 | 23.2 | 20.9 | 18.5 | 16.1 | 13.7 | 11.4 |
| -72.5° | 29.4 | 27.5 | 25.5 | 23.5 | 21.5 | 19.5 | 17.5 | 15.4 | 13.4 | 11.4 | 9.3 |
| -75° | 23.9 | 22.4 | 20.8 | 19.2 | 17.5 | 15.8 | 14.2 | 12.5 | 10.8 | 9.0 | 7.5 |
| -77.5° | 18.8 | 17.5 | 16.2 | 15.0 | 13.8 | 12.4 | 11.0 | 9.5 | 8.2 | 7.1 | 5.8 |
| -80° | 14.0 | 13.1 | 12.2 | 11.3 | 10.2 | 9.0 | 8.0 | 7.1 | 6.1 | 5.1 | 4.1 |
| -82.5° | 9.6 | 8.9 | 8.3 | 7.7 | 6.9 | 6.2 | 5.5 | 4.7 | 4.0 | 3.2 | 2.6 |
| -85° | 5.4 | 5.0 | 4.6 | 4.2 | 3.7 | 3.3 | 3.0 | 2.8 | 2.4 | 2.1 | 1.8 |
| -87.5° | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.6 | 1.5 | 1.4 | 1.2 | 1.0 | 0.9 |
| -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: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 0.7 | 0.6 | 0.5 | 0.4 | 0.2 | 0.1 | 0.0 |
| 85° | 1.4 | 1.2 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 |
| 82.5° | 2.2 | 1.8 | 1.5 | 1.1 | 0.7 | 0.4 | 0.0 |
| 80° | 3.0 | 2.4 | 1.9 | 1.5 | 1.0 | 0.5 | 0.0 |
| 77.5° | 4.5 | 3.2 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| 75° | 6.0 | 4.5 | 3.0 | 2.2 | 1.4 | 0.7 | 0.0 |
| 72.5° | 7.5 | 5.8 | 4.0 | 2.5 | 1.7 | 0.8 | 0.0 |
| 70° | 9.0 | 7.0 | 5.0 | 2.9 | 1.9 | 1.0 | 0.0 |
| 67.5° | 10.8 | 8.2 | 5.9 | 3.7 | 2.1 | 1.1 | 0.0 |
| 65° | 12.5 | 9.5 | 6.9 | 4.4 | 2.4 | 1.2 | 0.0 |
| 62.5° | 14.1 | 10.9 | 7.8 | 5.1 | 2.6 | 1.3 | 0.0 |
| 60° | 15.7 | 12.2 | 8.8 | 5.8 | 2.8 | 1.4 | 0.0 |
| 57.5° | 17.3 | 13.5 | 9.8 | 6.5 | 3.2 | 1.5 | 0.0 |
| 55° | 18.9 | 14.7 | 10.8 | 7.1 | 3.7 | 1.6 | 0.0 |
| 52.5° | 20.5 | 16.0 | 11.7 | 7.7 | 4.1 | 1.7 | 0.0 |
| 50° | 22.0 | 17.2 | 12.7 | 8.4 | 4.5 | 1.8 | 0.0 |
| 47.5° | 23.4 | 18.4 | 13.5 | 9.0 | 4.9 | 1.9 | 0.0 |
| 45° | 25.0 | 19.6 | 14.4 | 9.6 | 5.2 | 2.0 | 0.0 |
| 42.5° | 26.4 | 20.7 | 15.2 | 10.2 | 5.6 | 2.1 | 0.0 |
| 40° | 27.8 | 21.8 | 16.0 | 10.8 | 5.9 | 2.1 | 0.0 |
| 37.5° | 29.1 | 22.9 | 16.8 | 11.3 | 6.2 | 2.2 | 0.0 |
| 35° | 30.3 | 23.9 | 17.6 | 11.8 | 6.5 | 2.3 | 0.0 |
| 32.5° | 31.4 | 24.8 | 18.4 | 12.2 | 6.8 | 2.4 | 0.0 |
| 30° | 32.5 | 25.7 | 19.0 | 12.7 | 7.0 | 2.4 | 0.0 |
| 27.5° | 33.4 | 26.5 | 19.6 | 13.0 | 7.2 | 2.5 | 0.0 |
| 25° | 34.3 | 27.3 | 20.2 | 13.4 | 7.4 | 2.5 | 0.0 |
| 22.5° | 35.1 | 27.9 | 20.7 | 13.7 | 7.6 | 2.6 | 0.0 |
| 20° | 35.8 | 28.5 | 21.1 | 14.0 | 7.8 | 2.6 | 0.0 |
| 17.5° | 36.4 | 29.0 | 21.5 | 14.2 | 7.9 | 2.7 | 0.0 |
| 15° | 37.0 | 29.4 | 21.9 | 14.5 | 8.0 | 2.7 | 0.0 |
| 12.5° | 37.5 | 29.7 | 22.1 | 14.6 | 8.1 | 2.7 | 0.0 |
| 10° | 37.9 | 30.0 | 22.3 | 14.8 | 8.2 | 2.8 | 0.0 |
| 7.5° | 38.2 | 30.2 | 22.5 | 14.8 | 8.3 | 2.8 | 0.0 |
| 5° | 38.4 | 30.4 | 22.6 | 14.9 | 8.3 | 2.8 | 0.0 |
| 2.5° | 38.6 | 30.4 | 22.6 | 14.9 | 8.3 | 2.8 | 0.0 |
| 0° | 38.6 | 30.4 | 22.6 | 14.9 | 8.3 | 2.8 | 0.0 |
| -2.5° | 38.6 | 30.4 | 22.6 | 14.9 | 8.3 | 2.8 | 0.0 |
| -5° | 38.4 | 30.4 | 22.6 | 14.9 | 8.3 | 2.8 | 0.0 |
| -7.5° | 38.2 | 30.2 | 22.5 | 14.8 | 8.3 | 2.8 | 0.0 |
| -10° | 37.9 | 30.0 | 22.3 | 14.8 | 8.2 | 2.8 | 0.0 |
| -12.5° | 37.5 | 29.7 | 22.1 | 14.6 | 8.1 | 2.7 | 0.0 |
| -15° | 37.0 | 29.4 | 21.9 | 14.5 | 8.0 | 2.7 | 0.0 |
| -17.5° | 36.4 | 29.0 | 21.5 | 14.2 | 7.9 | 2.7 | 0.0 |
| -20° | 35.8 | 28.5 | 21.1 | 14.0 | 7.8 | 2.6 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 35.1 | 27.9 | 20.7 | 13.7 | 7.6 | 2.6 | 0.0 |
| -25° | 34.3 | 27.3 | 20.2 | 13.4 | 7.4 | 2.5 | 0.0 |
| -27.5° | 33.4 | 26.5 | 19.6 | 13.0 | 7.2 | 2.5 | 0.0 |
| -30° | 32.5 | 25.7 | 19.0 | 12.7 | 7.0 | 2.4 | 0.0 |
| -32.5° | 31.4 | 24.8 | 18.4 | 12.2 | 6.8 | 2.4 | 0.0 |
| -35° | 30.3 | 23.9 | 17.6 | 11.8 | 6.5 | 2.3 | 0.0 |
| -37.5° | 29.1 | 22.9 | 16.8 | 11.3 | 6.2 | 2.2 | 0.0 |
| -40° | 27.8 | 21.8 | 16.0 | 10.8 | 5.9 | 2.1 | 0.0 |
| -42.5° | 26.4 | 20.7 | 15.2 | 10.2 | 5.6 | 2.1 | 0.0 |
| -45° | 25.0 | 19.6 | 14.4 | 9.6 | 5.2 | 2.0 | 0.0 |
| -47.5° | 23.4 | 18.4 | 13.5 | 9.0 | 4.9 | 1.9 | 0.0 |
| -50° | 22.0 | 17.2 | 12.7 | 8.4 | 4.5 | 1.8 | 0.0 |
| -52.5° | 20.5 | 16.0 | 11.7 | 7.7 | 4.1 | 1.7 | 0.0 |
| -55° | 18.9 | 14.7 | 10.8 | 7.1 | 3.7 | 1.6 | 0.0 |
| -57.5° | 17.3 | 13.5 | 9.8 | 6.5 | 3.2 | 1.5 | 0.0 |
| -60° | 15.7 | 12.2 | 8.8 | 5.8 | 2.8 | 1.4 | 0.0 |
| -62.5° | 14.1 | 10.9 | 7.8 | 5.1 | 2.6 | 1.3 | 0.0 |
| -65° | 12.5 | 9.5 | 6.9 | 4.4 | 2.4 | 1.2 | 0.0 |
| -67.5° | 10.8 | 8.2 | 5.9 | 3.7 | 2.1 | 1.1 | 0.0 |
| -70° | 9.0 | 7.0 | 5.0 | 2.9 | 1.9 | 1.0 | 0.0 |
| -72.5° | 7.5 | 5.8 | 4.0 | 2.5 | 1.7 | 0.8 | 0.0 |
| -75° | 6.0 | 4.5 | 3.0 | 2.2 | 1.4 | 0.7 | 0.0 |
| -77.5° | 4.5 | 3.2 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| -80° | 3.0 | 2.4 | 1.9 | 1.5 | 1.0 | 0.5 | 0.0 |
| -82.5° | 2.2 | 1.8 | 1.5 | 1.1 | 0.7 | 0.4 | 0.0 |
| -85° | 1.4 | 1.2 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 |
| -87.5° | 0.7 | 0.6 | 0.5 | 0.4 | 0.2 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)