

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: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12549.8 lumens
Efficiency: N/A
Efficacy: 99.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 44248.5 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 6275 lumens
Beam Efficiency: 50.0%

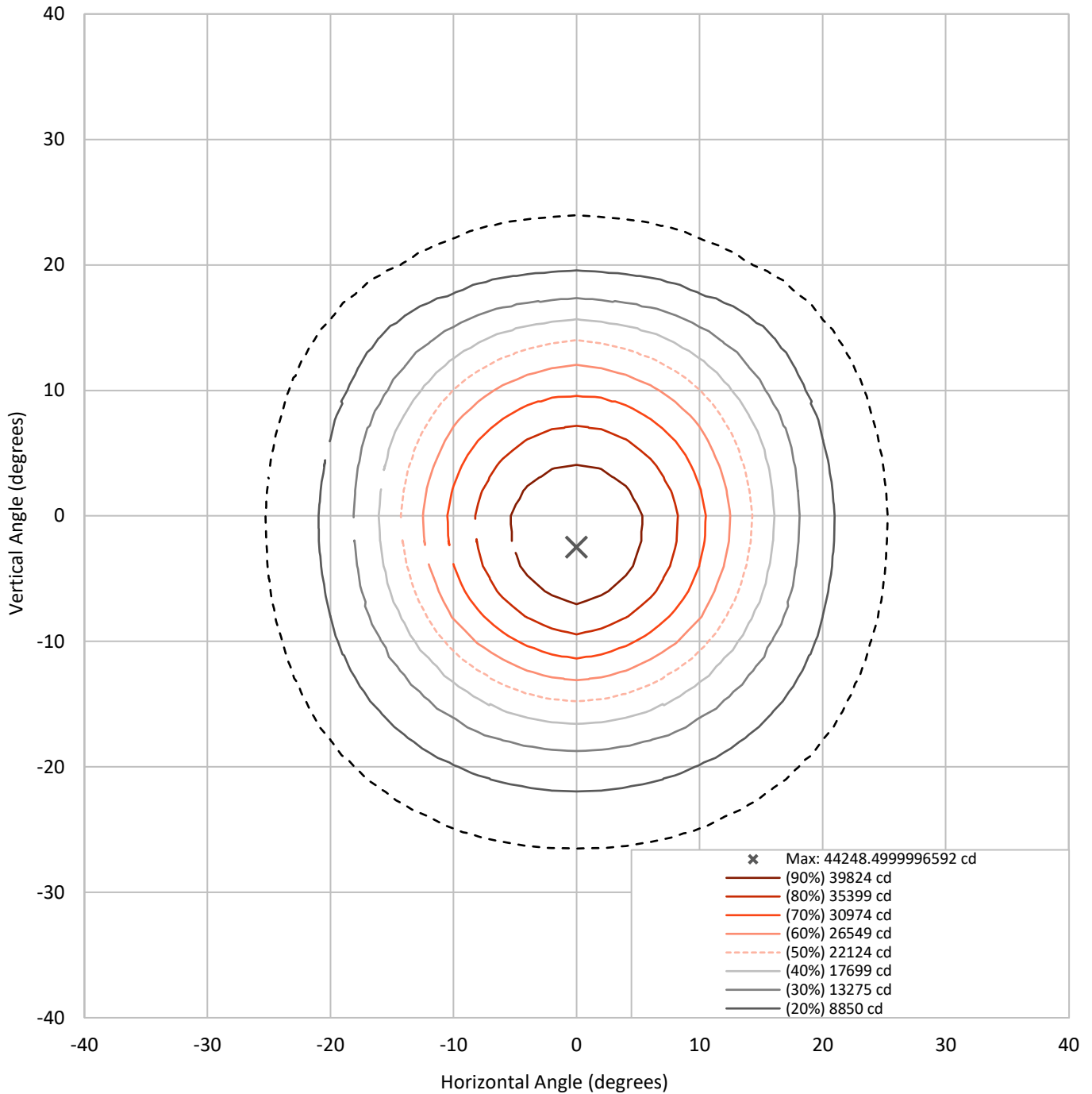
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 10782.6 lumens
Field Efficiency: 85.9%

Input Watts (W): 125.71
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: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





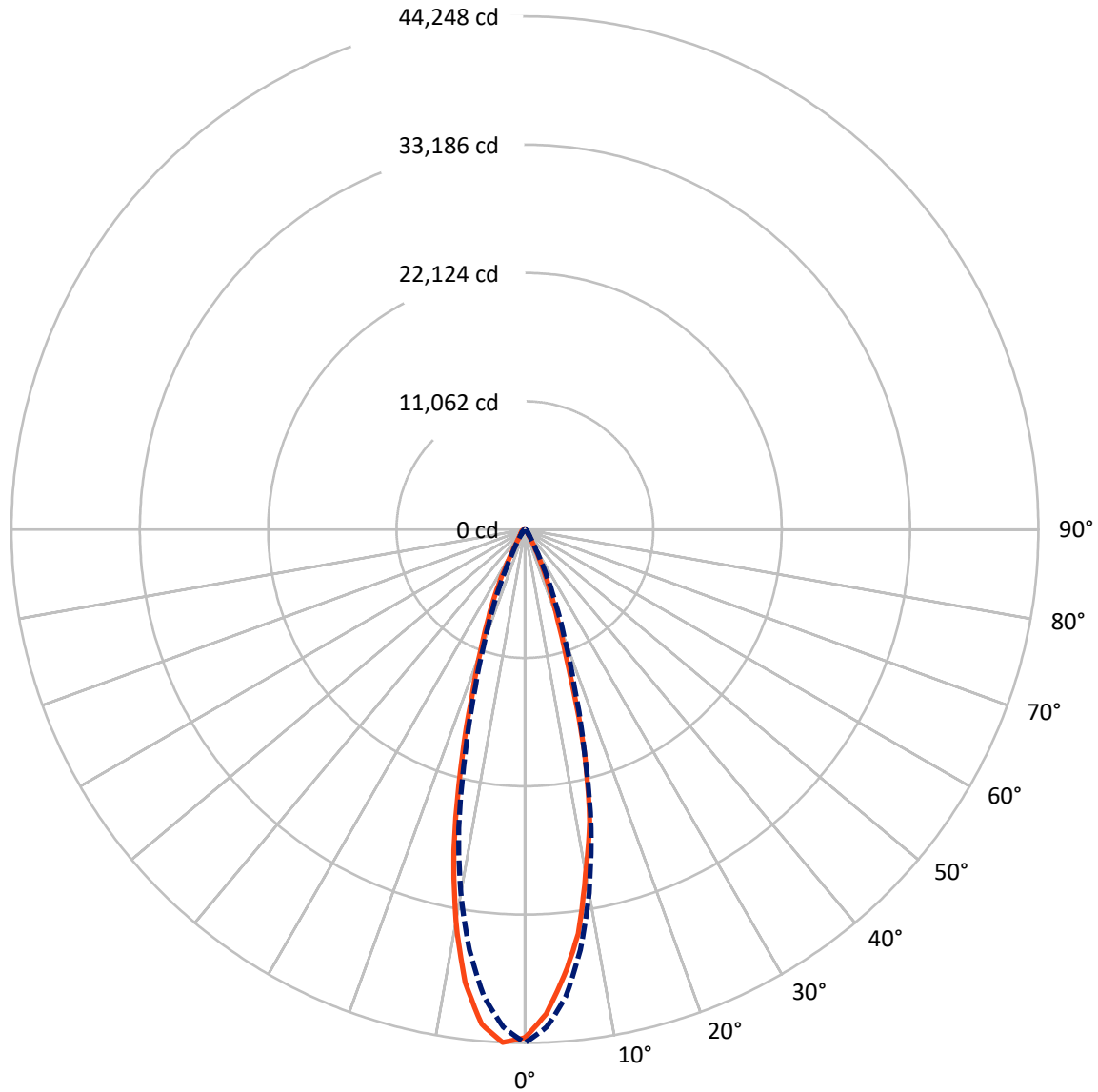
REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|-------|-------|--------|--------|-------|-------|------|-----|------|-----|-----|-----|-----|
| 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 60 | | 0.0 | 0.1 | 0.4 | 0.9 | 1.4 | 2.0 | 2.4 | 2.4 | 2.0 | 1.4 | 0.9 | 0.4 | 0.1 | | 0.0 | | |
| 50 | 0.0 | 0.1 | 0.4 | 1.4 | 2.6 | 4.1 | 5.7 | 6.7 | 6.7 | 5.7 | 4.1 | 2.6 | 1.4 | 0.4 | 0.1 | 0.0 | | |
| 40 | | 0.2 | 1.1 | 2.7 | 4.9 | 8.1 | 13.5 | 18.1 | 18.1 | 13.5 | 8.1 | 4.9 | 2.7 | 1.1 | 0.2 | | | |
| 30 | 0.1 | 0.4 | 1.7 | 4.1 | 7.8 | 19.0 | 59.6 | 109.2 | 109.2 | 59.6 | 19.0 | 7.8 | 4.1 | 1.7 | 0.4 | 0.1 | | |
| 20 | | 0.6 | 2.3 | 5.6 | 13.4 | 65.4 | 265.8 | 520.4 | 520.4 | 265.8 | 65.4 | 13.4 | 5.6 | 2.3 | 0.6 | | | |
| 10 | 0.2 | 0.8 | 2.8 | 6.6 | 19.2 | 124.6 | 536.6 | 1051.8 | 1051.8 | 536.6 | 124.6 | 19.2 | 6.6 | 2.8 | 0.8 | 0.2 | | |
| 0 | | 0.9 | 3.1 | 7.0 | 20.5 | 130.5 | 550.6 | 1115.3 | 1115.3 | 550.6 | 130.5 | 20.5 | 7.0 | 3.1 | 0.9 | | | |
| -10 | 0.2 | 1.0 | 3.1 | 6.8 | 16.8 | 80.1 | 304.5 | 590.2 | 590.2 | 304.5 | 80.1 | 16.8 | 6.8 | 3.1 | 1.0 | 0.2 | | |
| -20 | | 0.9 | 3.0 | 6.2 | 12.3 | 31.1 | 94.3 | 168.2 | 168.2 | 94.3 | 31.1 | 12.3 | 6.2 | 3.0 | 0.9 | | | |
| -30 | 0.2 | 0.8 | 2.7 | 5.4 | 9.4 | 15.4 | 25.1 | 33.5 | 33.5 | 25.1 | 15.4 | 9.4 | 5.4 | 2.7 | 0.8 | 0.2 | | |
| -40 | | 0.7 | 2.2 | 4.5 | 7.4 | 10.6 | 13.9 | 15.6 | 15.6 | 13.9 | 10.6 | 7.4 | 4.5 | 2.2 | 0.7 | | | |
| -50 | 0.1 | 0.5 | 1.7 | 3.5 | 5.8 | 8.0 | 10.0 | 10.9 | 10.9 | 10.0 | 8.0 | 5.8 | 3.5 | 1.7 | 0.5 | 0.1 | | |
| -60 | | 0.3 | 1.0 | 2.3 | 3.9 | 5.5 | 6.9 | 7.6 | 7.6 | 6.9 | 5.5 | 3.9 | 2.3 | 1.0 | 0.3 | | | |
| -70 | 0.0 | 0.8 | 3.7 | 8.0 | 10.1 | 8.0 | 3.7 | 0.8 | 0.0 | 0.0 | | | | | | | | |
| -80 | | 0.8 | 3.7 | 8.0 | 10.1 | 8.0 | 3.7 | 0.8 | | | | | | | | | | |
| -90 | 0.0 | 0.8 | 3.7 | 8.0 | 10.1 | 8.0 | 3.7 | 0.8 | 0.0 | 0.0 | 0.8 | 3.7 | 8.0 | 10.1 | 8.0 | 3.7 | 0.8 | 0.0 |

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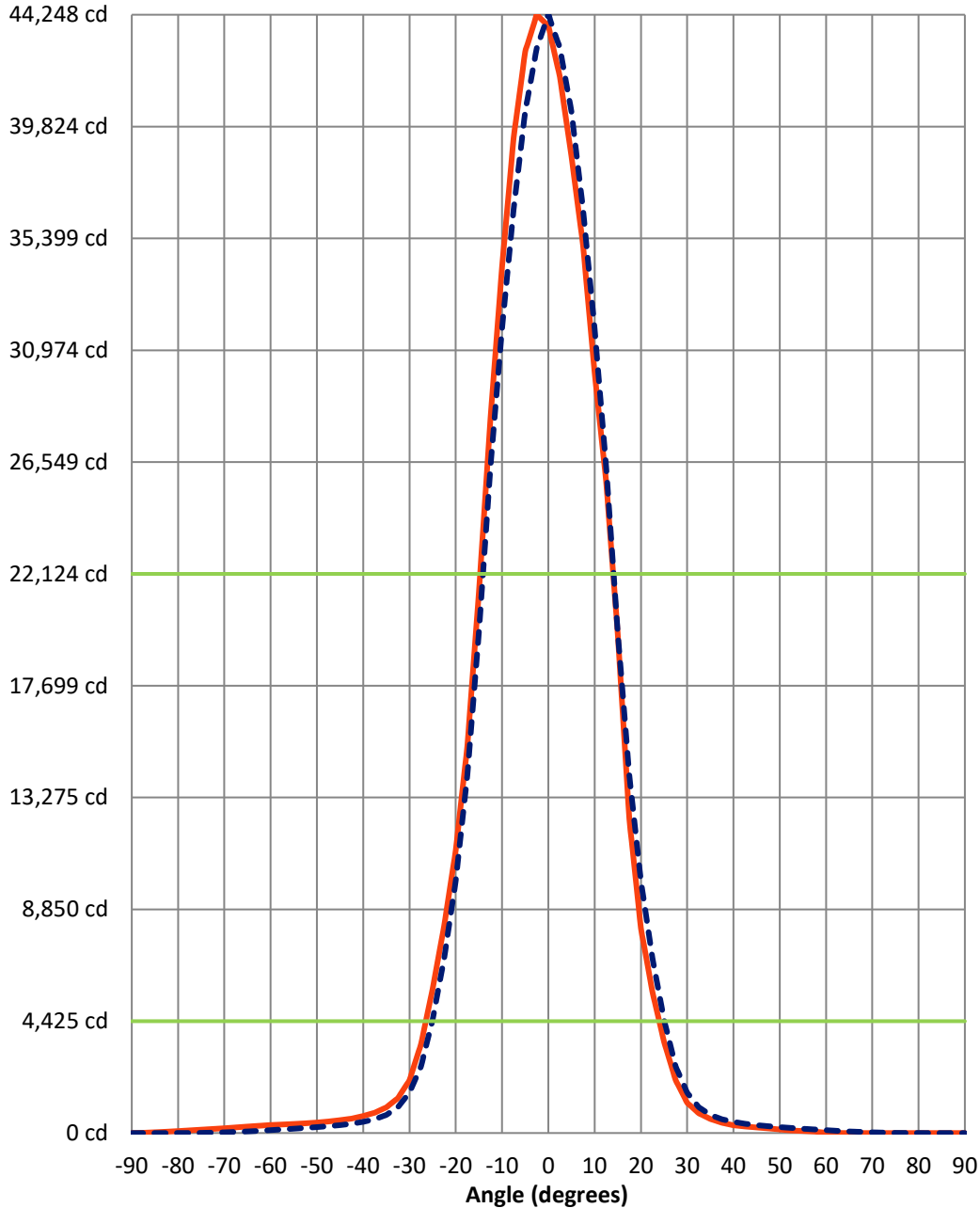
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 6275
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 10782.6
 Efficiency: 85.9%

Spill:
 Lumens: 1767.2
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 |
| 52.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 |
| 50° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 2 |
| 47.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 2 |
| 45° | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 |
| 42.5° | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 4 |
| 40° | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 | 3 | 7 |
| 37.5° | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 3 | 4 | 9 |
| 35° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 4 | 7 | 12 |
| 32.5° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 5 | 9 | 15 |
| 30° | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 3 | 6 | 12 | 19 |
| 27.5° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 8 | 14 | 22 |
| 25° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 5 | 10 | 17 | 26 |
| 22.5° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 6 | 12 | 20 | 31 |
| 20° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 7 | 14 | 23 | 36 |
| 17.5° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 8 | 15 | 26 | 40 |
| 15° | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 9 | 17 | 29 | 44 |
| 12.5° | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 11 | 18 | 32 | 48 |
| 10° | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 12 | 20 | 35 | 51 |
| 7.5° | 0 | 0 | 0 | 0 | 3 | 3 | 4 | 13 | 21 | 38 | 54 |
| 5° | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 15 | 23 | 40 | 57 |
| 2.5° | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 16 | 24 | 43 | 59 |
| 0° | 0 | 0 | 0 | 0 | 3 | 3 | 6 | 17 | 25 | 45 | 61 |
| -2.5° | 0 | 0 | 0 | 0 | 3 | 3 | 7 | 17 | 28 | 46 | 63 |
| -5° | 0 | 0 | 0 | 0 | 3 | 3 | 8 | 17 | 30 | 47 | 65 |
| -7.5° | 0 | 0 | 0 | 1 | 3 | 4 | 9 | 17 | 32 | 48 | 66 |
| -10° | 0 | 0 | 0 | 1 | 3 | 4 | 9 | 18 | 33 | 49 | 66 |
| -12.5° | 0 | 0 | 0 | 1 | 3 | 4 | 10 | 18 | 34 | 50 | 68 |
| -15° | 0 | 0 | 0 | 1 | 3 | 4 | 11 | 18 | 34 | 51 | 69 |
| -17.5° | 0 | 0 | 0 | 1 | 3 | 4 | 11 | 18 | 34 | 51 | 70 |
| -20° | 0 | 0 | 0 | 1 | 3 | 4 | 11 | 19 | 33 | 51 | 70 |

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CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0 | 0 | 0 | 1 | 3 | 4 | 11 | 20 | 33 | 50 | 69 |
| -25° | 0 | 0 | 0 | 1 | 3 | 5 | 12 | 21 | 32 | 49 | 67 |
| -27.5° | 0 | 0 | 0 | 1 | 3 | 5 | 12 | 21 | 31 | 48 | 65 |
| -30° | 0 | 0 | 0 | 1 | 3 | 5 | 11 | 21 | 30 | 46 | 63 |
| -32.5° | 0 | 0 | 0 | 1 | 3 | 6 | 11 | 21 | 30 | 44 | 61 |
| -35° | 0 | 0 | 0 | 1 | 3 | 6 | 11 | 20 | 30 | 43 | 58 |
| -37.5° | 0 | 0 | 0 | 1 | 4 | 6 | 11 | 20 | 29 | 41 | 56 |
| -40° | 0 | 0 | 0 | 1 | 4 | 6 | 11 | 19 | 28 | 40 | 55 |
| -42.5° | 0 | 0 | 0 | 1 | 4 | 6 | 11 | 18 | 27 | 38 | 53 |
| -45° | 0 | 0 | 0 | 1 | 3 | 6 | 10 | 18 | 26 | 37 | 50 |
| -47.5° | 0 | 0 | 0 | 0 | 3 | 6 | 10 | 17 | 25 | 34 | 48 |
| -50° | 0 | 0 | 0 | 0 | 3 | 6 | 10 | 16 | 24 | 33 | 44 |
| -52.5° | 0 | 0 | 0 | 0 | 3 | 6 | 9 | 15 | 22 | 31 | 41 |
| -55° | 0 | 0 | 0 | 1 | 3 | 5 | 9 | 13 | 20 | 28 | 38 |
| -57.5° | 0 | 0 | 0 | 1 | 2 | 5 | 8 | 12 | 18 | 26 | 34 |
| -60° | 0 | 0 | 0 | 1 | 2 | 5 | 7 | 11 | 16 | 23 | 31 |
| -62.5° | 0 | 0 | 0 | 1 | 2 | 4 | 7 | 10 | 15 | 20 | 27 |
| -65° | 0 | 0 | 0 | 1 | 2 | 4 | 6 | 9 | 13 | 18 | 24 |
| -67.5° | 0 | 0 | 0 | 1 | 2 | 3 | 6 | 8 | 11 | 16 | 21 |
| -70° | 0 | 0 | 0 | 1 | 2 | 3 | 5 | 7 | 10 | 14 | 18 |
| -72.5° | 0 | 0 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 12 | 15 |
| -75° | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 5 | 7 | 9 | 12 |
| -77.5° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 9 |
| -80° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 7 |
| -82.5° | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 4 |
| -85° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| 60° | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 6 |
| 57.5° | 0 | 1 | 1 | 2 | 2 | 3 | 5 | 5 | 9 | 13 | 15 |
| 55° | 1 | 2 | 2 | 2 | 4 | 7 | 9 | 14 | 19 | 24 | 29 |
| 52.5° | 2 | 3 | 3 | 4 | 8 | 12 | 18 | 24 | 32 | 37 | 42 |
| 50° | 3 | 3 | 4 | 9 | 14 | 20 | 29 | 38 | 44 | 50 | 58 |
| 47.5° | 4 | 4 | 8 | 14 | 21 | 31 | 42 | 50 | 56 | 66 | 78 |
| 45° | 5 | 8 | 14 | 21 | 31 | 44 | 54 | 61 | 72 | 84 | 96 |
| 42.5° | 7 | 12 | 20 | 28 | 43 | 55 | 65 | 75 | 87 | 100 | 113 |
| 40° | 11 | 17 | 27 | 39 | 54 | 66 | 79 | 90 | 103 | 118 | 132 |
| 37.5° | 14 | 23 | 34 | 50 | 65 | 79 | 93 | 106 | 121 | 137 | 153 |
| 35° | 18 | 30 | 43 | 60 | 75 | 92 | 107 | 122 | 141 | 159 | 177 |
| 32.5° | 22 | 36 | 52 | 69 | 86 | 104 | 121 | 141 | 160 | 179 | 202 |
| 30° | 28 | 43 | 59 | 78 | 96 | 115 | 137 | 159 | 178 | 200 | 224 |
| 27.5° | 35 | 49 | 67 | 87 | 105 | 126 | 152 | 174 | 195 | 219 | 245 |
| 25° | 41 | 56 | 75 | 94 | 115 | 139 | 166 | 189 | 211 | 237 | 268 |
| 22.5° | 46 | 63 | 83 | 101 | 124 | 152 | 180 | 205 | 230 | 256 | 292 |
| 20° | 52 | 70 | 91 | 111 | 133 | 164 | 193 | 222 | 251 | 284 | 324 |
| 17.5° | 57 | 77 | 99 | 121 | 146 | 176 | 207 | 239 | 271 | 311 | 361 |
| 15° | 62 | 83 | 107 | 130 | 157 | 188 | 221 | 256 | 293 | 340 | 397 |
| 12.5° | 67 | 89 | 114 | 139 | 167 | 199 | 233 | 269 | 313 | 369 | 440 |
| 10° | 71 | 94 | 121 | 147 | 176 | 209 | 243 | 281 | 328 | 388 | 471 |
| 7.5° | 75 | 99 | 128 | 154 | 183 | 217 | 252 | 291 | 341 | 405 | 497 |
| 5° | 78 | 104 | 132 | 160 | 189 | 224 | 259 | 300 | 351 | 418 | 517 |
| 2.5° | 81 | 108 | 136 | 164 | 194 | 228 | 264 | 306 | 358 | 430 | 533 |
| 0° | 84 | 111 | 139 | 167 | 198 | 231 | 267 | 309 | 362 | 440 | 543 |
| -2.5° | 86 | 115 | 142 | 171 | 202 | 234 | 271 | 313 | 367 | 443 | 546 |
| -5° | 88 | 118 | 145 | 173 | 204 | 236 | 272 | 314 | 369 | 444 | 547 |
| -7.5° | 90 | 120 | 147 | 175 | 206 | 238 | 273 | 315 | 371 | 443 | 547 |
| -10° | 91 | 121 | 148 | 177 | 208 | 239 | 274 | 315 | 369 | 438 | 538 |
| -12.5° | 92 | 122 | 149 | 177 | 209 | 240 | 273 | 312 | 363 | 430 | 520 |
| -15° | 94 | 122 | 149 | 177 | 208 | 239 | 271 | 307 | 355 | 419 | 498 |
| -17.5° | 94 | 121 | 148 | 176 | 207 | 238 | 267 | 303 | 348 | 407 | 482 |
| -20° | 94 | 121 | 147 | 173 | 204 | 235 | 265 | 299 | 341 | 393 | 461 |

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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 93 | 120 | 145 | 170 | 200 | 231 | 261 | 293 | 331 | 376 | 436 |
| -25° | 92 | 118 | 143 | 168 | 196 | 225 | 255 | 285 | 322 | 364 | 416 |
| -27.5° | 90 | 116 | 141 | 165 | 191 | 219 | 248 | 278 | 311 | 350 | 394 |
| -30° | 86 | 113 | 137 | 161 | 187 | 213 | 240 | 270 | 300 | 336 | 376 |
| -32.5° | 82 | 109 | 133 | 157 | 182 | 207 | 232 | 260 | 289 | 320 | 357 |
| -35° | 78 | 104 | 128 | 151 | 176 | 201 | 224 | 248 | 277 | 306 | 337 |
| -37.5° | 76 | 99 | 122 | 144 | 169 | 193 | 215 | 238 | 263 | 292 | 320 |
| -40° | 73 | 93 | 117 | 138 | 160 | 184 | 206 | 227 | 250 | 277 | 304 |
| -42.5° | 70 | 90 | 111 | 132 | 153 | 174 | 197 | 217 | 238 | 263 | 289 |
| -45° | 67 | 85 | 105 | 125 | 146 | 165 | 186 | 207 | 228 | 250 | 274 |
| -47.5° | 63 | 81 | 100 | 118 | 138 | 158 | 176 | 196 | 218 | 238 | 260 |
| -50° | 59 | 76 | 93 | 110 | 129 | 149 | 168 | 185 | 204 | 225 | 246 |
| -52.5° | 54 | 70 | 86 | 102 | 119 | 138 | 157 | 175 | 192 | 210 | 230 |
| -55° | 49 | 64 | 79 | 94 | 109 | 127 | 145 | 163 | 181 | 197 | 214 |
| -57.5° | 44 | 57 | 71 | 86 | 100 | 114 | 132 | 149 | 166 | 183 | 200 |
| -60° | 40 | 50 | 63 | 76 | 91 | 104 | 119 | 135 | 151 | 167 | 182 |
| -62.5° | 35 | 44 | 55 | 67 | 80 | 93 | 107 | 121 | 136 | 149 | 163 |
| -65° | 31 | 38 | 47 | 58 | 69 | 81 | 93 | 107 | 120 | 131 | 142 |
| -67.5° | 26 | 33 | 40 | 49 | 58 | 68 | 78 | 90 | 102 | 112 | 122 |
| -70° | 23 | 27 | 33 | 40 | 48 | 56 | 65 | 75 | 84 | 93 | 102 |
| -72.5° | 19 | 23 | 27 | 32 | 39 | 46 | 54 | 61 | 68 | 76 | 84 |
| -75° | 16 | 19 | 22 | 26 | 31 | 37 | 43 | 50 | 56 | 62 | 68 |
| -77.5° | 12 | 15 | 18 | 21 | 24 | 29 | 33 | 39 | 44 | 49 | 54 |
| -80° | 9 | 11 | 13 | 16 | 19 | 21 | 24 | 28 | 31 | 35 | 40 |
| -82.5° | 6 | 8 | 9 | 11 | 13 | 15 | 16 | 18 | 21 | 24 | 27 |
| -85° | 3 | 4 | 5 | 7 | 8 | 8 | 9 | 10 | 12 | 14 | 15 |
| -87.5° | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 62.5° | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| 60° | 7 | 7 | 11 | 13 | 12 | 10 | 14 | 16 | 15 | 13 | 13 |
| 57.5° | 20 | 24 | 28 | 29 | 33 | 39 | 41 | 40 | 40 | 42 | 47 |
| 55° | 34 | 38 | 41 | 46 | 52 | 57 | 62 | 64 | 68 | 71 | 76 |
| 52.5° | 47 | 53 | 57 | 63 | 71 | 75 | 77 | 85 | 92 | 97 | 100 |
| 50° | 66 | 73 | 80 | 88 | 95 | 102 | 107 | 115 | 124 | 134 | 140 |
| 47.5° | 87 | 96 | 105 | 116 | 124 | 131 | 138 | 149 | 161 | 172 | 179 |
| 45° | 106 | 116 | 128 | 139 | 148 | 157 | 168 | 181 | 194 | 205 | 214 |
| 42.5° | 124 | 135 | 147 | 160 | 168 | 182 | 197 | 210 | 226 | 241 | 252 |
| 40° | 144 | 154 | 173 | 185 | 197 | 211 | 233 | 253 | 272 | 289 | 301 |
| 37.5° | 168 | 186 | 206 | 221 | 236 | 254 | 285 | 315 | 339 | 363 | 379 |
| 35° | 196 | 218 | 243 | 260 | 282 | 316 | 354 | 396 | 437 | 471 | 500 |
| 32.5° | 223 | 248 | 273 | 300 | 334 | 382 | 430 | 497 | 558 | 621 | 680 |
| 30° | 248 | 276 | 306 | 341 | 395 | 463 | 541 | 642 | 753 | 862 | 988 |
| 27.5° | 274 | 304 | 340 | 396 | 479 | 571 | 714 | 874 | 1102 | 1286 | 1582 |
| 25° | 302 | 336 | 385 | 474 | 589 | 750 | 1001 | 1286 | 1758 | 2161 | 2616 |
| 22.5° | 336 | 388 | 458 | 569 | 760 | 1051 | 1442 | 2063 | 2788 | 3461 | 4102 |
| 20° | 378 | 449 | 568 | 745 | 1019 | 1467 | 2207 | 3150 | 4157 | 5142 | 6094 |
| 17.5° | 433 | 546 | 716 | 968 | 1357 | 2298 | 3399 | 4747 | 6472 | 7767 | 8996 |
| 15° | 484 | 627 | 883 | 1292 | 2023 | 3235 | 4773 | 6837 | 9159 | 11112 | 13321 |
| 12.5° | 544 | 716 | 1025 | 1555 | 2600 | 4202 | 6163 | 8624 | 11373 | 14337 | 17797 |
| 10° | 596 | 808 | 1206 | 1935 | 3203 | 5067 | 7264 | 10153 | 13684 | 17878 | 22251 |
| 7.5° | 636 | 885 | 1356 | 2220 | 3710 | 5776 | 8398 | 11911 | 16382 | 21284 | 26271 |
| 5° | 667 | 944 | 1474 | 2443 | 4142 | 6352 | 9225 | 13302 | 18398 | 24025 | 28984 |
| 2.5° | 691 | 986 | 1553 | 2580 | 4434 | 6746 | 9790 | 14041 | 19632 | 25814 | 31021 |
| 0° | 710 | 1011 | 1596 | 2677 | 4569 | 6932 | 10052 | 14340 | 20210 | 26691 | 32045 |
| -2.5° | 717 | 1025 | 1599 | 2644 | 4487 | 6920 | 9991 | 14157 | 19811 | 26343 | 31828 |
| -5° | 719 | 1018 | 1558 | 2573 | 4341 | 6672 | 9591 | 13461 | 18593 | 24720 | 30279 |
| -7.5° | 714 | 991 | 1476 | 2401 | 4012 | 6234 | 9032 | 12430 | 16636 | 22038 | 27783 |
| -10° | 695 | 943 | 1366 | 2167 | 3560 | 5550 | 8163 | 11033 | 14393 | 18803 | 23459 |
| -12.5° | 660 | 872 | 1213 | 1817 | 3028 | 4776 | 7090 | 9627 | 12246 | 15144 | 18974 |
| -15° | 618 | 799 | 1088 | 1604 | 2536 | 3963 | 5837 | 7980 | 10153 | 12372 | 14709 |
| -17.5° | 587 | 736 | 961 | 1321 | 1947 | 3101 | 4599 | 6321 | 8085 | 9847 | 11420 |
| -20° | 547 | 661 | 836 | 1116 | 1571 | 2254 | 3380 | 4720 | 6038 | 7475 | 8681 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 511 | 608 | 739 | 915 | 1221 | 1702 | 2344 | 3288 | 4289 | 5332 | 6323 |
| -25° | 477 | 550 | 654 | 796 | 979 | 1265 | 1689 | 2182 | 2885 | 3527 | 4262 |
| -27.5° | 448 | 510 | 581 | 685 | 824 | 980 | 1241 | 1529 | 1897 | 2203 | 2694 |
| -30° | 421 | 470 | 528 | 596 | 697 | 816 | 956 | 1131 | 1311 | 1492 | 1727 |
| -32.5° | 395 | 436 | 482 | 537 | 599 | 689 | 776 | 888 | 986 | 1095 | 1207 |
| -35° | 370 | 407 | 444 | 487 | 536 | 595 | 660 | 734 | 800 | 865 | 924 |
| -37.5° | 348 | 379 | 412 | 446 | 485 | 526 | 577 | 629 | 673 | 716 | 752 |
| -40° | 330 | 355 | 383 | 411 | 442 | 475 | 515 | 554 | 583 | 611 | 634 |
| -42.5° | 313 | 336 | 357 | 381 | 407 | 437 | 468 | 498 | 518 | 537 | 553 |
| -45° | 297 | 317 | 336 | 356 | 377 | 404 | 430 | 453 | 469 | 484 | 495 |
| -47.5° | 280 | 298 | 316 | 334 | 354 | 375 | 397 | 414 | 428 | 440 | 449 |
| -50° | 264 | 281 | 297 | 312 | 330 | 349 | 367 | 382 | 395 | 405 | 411 |
| -52.5° | 248 | 264 | 280 | 296 | 310 | 325 | 340 | 354 | 366 | 377 | 381 |
| -55° | 232 | 248 | 263 | 277 | 291 | 305 | 318 | 330 | 342 | 352 | 356 |
| -57.5° | 216 | 233 | 248 | 260 | 272 | 285 | 297 | 309 | 320 | 329 | 333 |
| -60° | 199 | 215 | 229 | 240 | 252 | 264 | 275 | 285 | 296 | 305 | 310 |
| -62.5° | 178 | 193 | 205 | 216 | 227 | 237 | 247 | 257 | 266 | 274 | 279 |
| -65° | 153 | 166 | 178 | 189 | 198 | 208 | 217 | 226 | 234 | 240 | 244 |
| -67.5° | 131 | 141 | 151 | 161 | 171 | 180 | 188 | 196 | 203 | 208 | 211 |
| -70° | 111 | 119 | 128 | 137 | 146 | 154 | 161 | 168 | 175 | 179 | 183 |
| -72.5° | 92 | 100 | 108 | 116 | 123 | 130 | 136 | 142 | 148 | 152 | 155 |
| -75° | 75 | 81 | 88 | 95 | 101 | 107 | 112 | 117 | 122 | 125 | 128 |
| -77.5° | 59 | 64 | 69 | 74 | 79 | 84 | 88 | 92 | 96 | 99 | 101 |
| -80° | 44 | 48 | 52 | 56 | 59 | 62 | 65 | 69 | 72 | 74 | 76 |
| -82.5° | 30 | 33 | 36 | 39 | 42 | 44 | 45 | 47 | 48 | 50 | 52 |
| -85° | 17 | 19 | 21 | 23 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| -87.5° | 7 | 8 | 8 | 9 | 10 | 10 | 10 | 11 | 11 | 12 | 12 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 62.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| 60° | 12 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 15 | 16 |
| 57.5° | 52 | 56 | 58 | 59 | 58 | 56 | 52 | 47 | 42 | 40 | 40 |
| 55° | 79 | 82 | 82 | 81 | 82 | 82 | 79 | 76 | 71 | 68 | 64 |
| 52.5° | 102 | 102 | 102 | 100 | 102 | 102 | 102 | 100 | 97 | 92 | 85 |
| 50° | 142 | 141 | 141 | 142 | 141 | 141 | 142 | 140 | 134 | 124 | 115 |
| 47.5° | 182 | 184 | 185 | 184 | 185 | 184 | 182 | 179 | 172 | 161 | 149 |
| 45° | 218 | 220 | 221 | 220 | 221 | 220 | 218 | 214 | 205 | 194 | 181 |
| 42.5° | 256 | 258 | 258 | 259 | 258 | 258 | 256 | 252 | 241 | 226 | 210 |
| 40° | 306 | 308 | 307 | 307 | 307 | 308 | 306 | 301 | 289 | 272 | 253 |
| 37.5° | 391 | 397 | 400 | 407 | 400 | 397 | 391 | 379 | 363 | 339 | 315 |
| 35° | 523 | 538 | 545 | 557 | 545 | 538 | 523 | 500 | 471 | 437 | 396 |
| 32.5° | 723 | 752 | 767 | 783 | 767 | 752 | 723 | 680 | 621 | 558 | 497 |
| 30° | 1075 | 1132 | 1155 | 1198 | 1155 | 1132 | 1075 | 988 | 862 | 753 | 642 |
| 27.5° | 1799 | 1935 | 1989 | 2101 | 1989 | 1935 | 1799 | 1582 | 1286 | 1102 | 874 |
| 25° | 3030 | 3323 | 3485 | 3614 | 3485 | 3323 | 3030 | 2616 | 2161 | 1758 | 1286 |
| 22.5° | 4750 | 5181 | 5411 | 5581 | 5411 | 5181 | 4750 | 4102 | 3461 | 2788 | 2063 |
| 20° | 6957 | 7525 | 7864 | 8110 | 7864 | 7525 | 6957 | 6094 | 5142 | 4157 | 3150 |
| 17.5° | 10573 | 11466 | 11988 | 12437 | 11988 | 11466 | 10573 | 8996 | 7767 | 6472 | 4747 |
| 15° | 15785 | 17579 | 18974 | 19751 | 18974 | 17579 | 15785 | 13321 | 11112 | 9159 | 6837 |
| 12.5° | 20855 | 23483 | 25045 | 25763 | 25045 | 23483 | 20855 | 17797 | 14337 | 11373 | 8624 |
| 10° | 25869 | 28347 | 29833 | 30095 | 29833 | 28347 | 25869 | 22251 | 17878 | 13684 | 10153 |
| 7.5° | 29708 | 32433 | 34407 | 35124 | 34407 | 32433 | 29708 | 26271 | 21284 | 16382 | 11911 |
| 5° | 33098 | 36289 | 38378 | 38643 | 38378 | 36289 | 33098 | 28984 | 24025 | 18398 | 13302 |
| 2.5° | 35592 | 39061 | 41087 | 41783 | 41087 | 39061 | 35592 | 31021 | 25814 | 19632 | 14041 |
| 0° | 36798 | 40535 | 42788 | 43803 | 42788 | 40535 | 36798 | 32045 | 26691 | 20210 | 14340 |
| -2.5° | 36545 | 40409 | 42925 | 44248 | 42925 | 40409 | 36545 | 31828 | 26343 | 19811 | 14157 |
| -5° | 35155 | 39031 | 41376 | 42783 | 41376 | 39031 | 35155 | 30279 | 24720 | 18593 | 13461 |
| -7.5° | 31951 | 35575 | 38072 | 39370 | 38072 | 35575 | 31951 | 27783 | 22038 | 16636 | 12430 |
| -10° | 27822 | 30889 | 33165 | 34271 | 33165 | 30889 | 27822 | 23459 | 18803 | 14393 | 11033 |
| -12.5° | 22457 | 25432 | 27485 | 28267 | 27485 | 25432 | 22457 | 18974 | 15144 | 12246 | 9627 |
| -15° | 17206 | 19476 | 20935 | 21397 | 20935 | 19476 | 17206 | 14709 | 12372 | 10153 | 7980 |
| -17.5° | 13048 | 14271 | 15091 | 15312 | 15091 | 14271 | 13048 | 11420 | 9847 | 8085 | 6321 |
| -20° | 9775 | 10533 | 11066 | 11192 | 11066 | 10533 | 9775 | 8681 | 7475 | 6038 | 4720 |

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REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|------|-------|------|------|------|------|------|-------|------|-------|
| -22.5° | 7123 | 7692 | 8122 | 8208 | 8122 | 7692 | 7123 | 6323 | 5332 | 4289 | 3288 |
| -25° | 4913 | 5389 | 5681 | 5703 | 5681 | 5389 | 4913 | 4262 | 3527 | 2885 | 2182 |
| -27.5° | 3080 | 3342 | 3477 | 3524 | 3477 | 3342 | 3080 | 2694 | 2203 | 1897 | 1529 |
| -30° | 1903 | 2024 | 2087 | 2090 | 2087 | 2024 | 1903 | 1727 | 1492 | 1311 | 1131 |
| -32.5° | 1292 | 1350 | 1382 | 1382 | 1382 | 1350 | 1292 | 1207 | 1095 | 986 | 888 |
| -35° | 968 | 998 | 1015 | 1017 | 1015 | 998 | 968 | 924 | 865 | 800 | 734 |
| -37.5° | 778 | 795 | 804 | 805 | 804 | 795 | 778 | 752 | 716 | 673 | 629 |
| -40° | 651 | 662 | 670 | 674 | 670 | 662 | 651 | 634 | 611 | 583 | 554 |
| -42.5° | 563 | 570 | 574 | 571 | 574 | 570 | 563 | 553 | 537 | 518 | 498 |
| -45° | 501 | 506 | 509 | 510 | 509 | 506 | 501 | 495 | 484 | 469 | 453 |
| -47.5° | 453 | 455 | 456 | 457 | 456 | 455 | 453 | 449 | 440 | 428 | 414 |
| -50° | 414 | 416 | 416 | 415 | 416 | 416 | 414 | 411 | 405 | 395 | 382 |
| -52.5° | 383 | 384 | 384 | 385 | 384 | 384 | 383 | 381 | 377 | 366 | 354 |
| -55° | 358 | 358 | 359 | 359 | 359 | 358 | 358 | 356 | 352 | 342 | 330 |
| -57.5° | 336 | 338 | 338 | 337 | 338 | 338 | 336 | 333 | 329 | 320 | 309 |
| -60° | 313 | 316 | 317 | 318 | 317 | 316 | 313 | 310 | 305 | 296 | 285 |
| -62.5° | 282 | 285 | 287 | 287 | 287 | 285 | 282 | 279 | 274 | 266 | 257 |
| -65° | 247 | 249 | 253 | 256 | 253 | 249 | 247 | 244 | 240 | 234 | 226 |
| -67.5° | 214 | 216 | 220 | 223 | 220 | 216 | 214 | 211 | 208 | 203 | 196 |
| -70° | 186 | 188 | 189 | 190 | 189 | 188 | 186 | 183 | 179 | 175 | 168 |
| -72.5° | 158 | 161 | 161 | 162 | 161 | 161 | 158 | 155 | 152 | 148 | 142 |
| -75° | 131 | 133 | 134 | 134 | 134 | 133 | 131 | 128 | 125 | 122 | 117 |
| -77.5° | 103 | 105 | 106 | 106 | 106 | 105 | 103 | 101 | 99 | 96 | 92 |
| -80° | 78 | 80 | 79 | 78 | 79 | 80 | 78 | 76 | 74 | 72 | 69 |
| -82.5° | 54 | 55 | 54 | 53 | 54 | 55 | 54 | 52 | 50 | 48 | 47 |
| -85° | 32 | 33 | 32 | 31 | 32 | 33 | 32 | 31 | 30 | 29 | 28 |
| -87.5° | 13 | 14 | 12 | 11 | 12 | 14 | 13 | 12 | 12 | 11 | 11 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 0 | 1 |
| 60° | 14 | 10 | 12 | 13 | 11 | 7 | 7 | 6 | 3 | 3 | 2 |
| 57.5° | 41 | 39 | 33 | 29 | 28 | 24 | 20 | 15 | 13 | 9 | 5 |
| 55° | 62 | 57 | 52 | 46 | 41 | 38 | 34 | 29 | 24 | 19 | 14 |
| 52.5° | 77 | 75 | 71 | 63 | 57 | 53 | 47 | 42 | 37 | 32 | 24 |
| 50° | 107 | 102 | 95 | 88 | 80 | 73 | 66 | 58 | 50 | 44 | 38 |
| 47.5° | 138 | 131 | 124 | 116 | 105 | 96 | 87 | 78 | 66 | 56 | 50 |
| 45° | 168 | 157 | 148 | 139 | 128 | 116 | 106 | 96 | 84 | 72 | 61 |
| 42.5° | 197 | 182 | 168 | 160 | 147 | 135 | 124 | 113 | 100 | 87 | 75 |
| 40° | 233 | 211 | 197 | 185 | 173 | 154 | 144 | 132 | 118 | 103 | 90 |
| 37.5° | 285 | 254 | 236 | 221 | 206 | 186 | 168 | 153 | 137 | 121 | 106 |
| 35° | 354 | 316 | 282 | 260 | 243 | 218 | 196 | 177 | 159 | 141 | 122 |
| 32.5° | 430 | 382 | 334 | 300 | 273 | 248 | 223 | 202 | 179 | 160 | 141 |
| 30° | 541 | 463 | 395 | 341 | 306 | 276 | 248 | 224 | 200 | 178 | 159 |
| 27.5° | 714 | 571 | 479 | 396 | 340 | 304 | 274 | 245 | 219 | 195 | 174 |
| 25° | 1001 | 750 | 589 | 474 | 385 | 336 | 302 | 268 | 237 | 211 | 189 |
| 22.5° | 1442 | 1051 | 760 | 569 | 458 | 388 | 336 | 292 | 256 | 230 | 205 |
| 20° | 2207 | 1467 | 1019 | 745 | 568 | 449 | 378 | 324 | 284 | 251 | 222 |
| 17.5° | 3399 | 2298 | 1357 | 968 | 716 | 546 | 433 | 361 | 311 | 271 | 239 |
| 15° | 4773 | 3235 | 2023 | 1292 | 883 | 627 | 484 | 397 | 340 | 293 | 256 |
| 12.5° | 6163 | 4202 | 2600 | 1555 | 1025 | 716 | 544 | 440 | 369 | 313 | 269 |
| 10° | 7264 | 5067 | 3203 | 1935 | 1206 | 808 | 596 | 471 | 388 | 328 | 281 |
| 7.5° | 8398 | 5776 | 3710 | 2220 | 1356 | 885 | 636 | 497 | 405 | 341 | 291 |
| 5° | 9225 | 6352 | 4142 | 2443 | 1474 | 944 | 667 | 517 | 418 | 351 | 300 |
| 2.5° | 9790 | 6746 | 4434 | 2580 | 1553 | 986 | 691 | 533 | 430 | 358 | 306 |
| 0° | 10052 | 6932 | 4569 | 2677 | 1596 | 1011 | 710 | 543 | 440 | 362 | 309 |
| -2.5° | 9991 | 6920 | 4487 | 2644 | 1599 | 1025 | 717 | 546 | 443 | 367 | 313 |
| -5° | 9591 | 6672 | 4341 | 2573 | 1558 | 1018 | 719 | 547 | 444 | 369 | 314 |
| -7.5° | 9032 | 6234 | 4012 | 2401 | 1476 | 991 | 714 | 547 | 443 | 371 | 315 |
| -10° | 8163 | 5550 | 3560 | 2167 | 1366 | 943 | 695 | 538 | 438 | 369 | 315 |
| -12.5° | 7090 | 4776 | 3028 | 1817 | 1213 | 872 | 660 | 520 | 430 | 363 | 312 |
| -15° | 5837 | 3963 | 2536 | 1604 | 1088 | 799 | 618 | 498 | 419 | 355 | 307 |
| -17.5° | 4599 | 3101 | 1947 | 1321 | 961 | 736 | 587 | 482 | 407 | 348 | 303 |
| -20° | 3380 | 2254 | 1571 | 1116 | 836 | 661 | 547 | 461 | 393 | 341 | 299 |

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REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|------|-------|------|-------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 2344 | 1702 | 1221 | 915 | 739 | 608 | 511 | 436 | 376 | 331 | 293 |
| -25° | 1689 | 1265 | 979 | 796 | 654 | 550 | 477 | 416 | 364 | 322 | 285 |
| -27.5° | 1241 | 980 | 824 | 685 | 581 | 510 | 448 | 394 | 350 | 311 | 278 |
| -30° | 956 | 816 | 697 | 596 | 528 | 470 | 421 | 376 | 336 | 300 | 270 |
| -32.5° | 776 | 689 | 599 | 537 | 482 | 436 | 395 | 357 | 320 | 289 | 260 |
| -35° | 660 | 595 | 536 | 487 | 444 | 407 | 370 | 337 | 306 | 277 | 248 |
| -37.5° | 577 | 526 | 485 | 446 | 412 | 379 | 348 | 320 | 292 | 263 | 238 |
| -40° | 515 | 475 | 442 | 411 | 383 | 355 | 330 | 304 | 277 | 250 | 227 |
| -42.5° | 468 | 437 | 407 | 381 | 357 | 336 | 313 | 289 | 263 | 238 | 217 |
| -45° | 430 | 404 | 377 | 356 | 336 | 317 | 297 | 274 | 250 | 228 | 207 |
| -47.5° | 397 | 375 | 354 | 334 | 316 | 298 | 280 | 260 | 238 | 218 | 196 |
| -50° | 367 | 349 | 330 | 312 | 297 | 281 | 264 | 246 | 225 | 204 | 185 |
| -52.5° | 340 | 325 | 310 | 296 | 280 | 264 | 248 | 230 | 210 | 192 | 175 |
| -55° | 318 | 305 | 291 | 277 | 263 | 248 | 232 | 214 | 197 | 181 | 163 |
| -57.5° | 297 | 285 | 272 | 260 | 248 | 233 | 216 | 200 | 183 | 166 | 149 |
| -60° | 275 | 264 | 252 | 240 | 229 | 215 | 199 | 182 | 167 | 151 | 135 |
| -62.5° | 247 | 237 | 227 | 216 | 205 | 193 | 178 | 163 | 149 | 136 | 121 |
| -65° | 217 | 208 | 198 | 189 | 178 | 166 | 153 | 142 | 131 | 120 | 107 |
| -67.5° | 188 | 180 | 171 | 161 | 151 | 141 | 131 | 122 | 112 | 102 | 90 |
| -70° | 161 | 154 | 146 | 137 | 128 | 119 | 111 | 102 | 93 | 84 | 75 |
| -72.5° | 136 | 130 | 123 | 116 | 108 | 100 | 92 | 84 | 76 | 68 | 61 |
| -75° | 112 | 107 | 101 | 95 | 88 | 81 | 75 | 68 | 62 | 56 | 50 |
| -77.5° | 88 | 84 | 79 | 74 | 69 | 64 | 59 | 54 | 49 | 44 | 39 |
| -80° | 65 | 62 | 59 | 56 | 52 | 48 | 44 | 40 | 35 | 31 | 28 |
| -82.5° | 45 | 44 | 42 | 39 | 36 | 33 | 30 | 27 | 24 | 21 | 18 |
| -85° | 27 | 26 | 25 | 23 | 21 | 19 | 17 | 15 | 14 | 12 | 10 |
| -87.5° | 10 | 10 | 10 | 9 | 8 | 8 | 7 | 6 | 5 | 5 | 4 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 57.5° | 5 | 3 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| 55° | 9 | 7 | 4 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 0 |
| 52.5° | 18 | 12 | 8 | 4 | 3 | 3 | 2 | 1 | 2 | 2 | 1 |
| 50° | 29 | 20 | 14 | 9 | 4 | 3 | 3 | 2 | 2 | 3 | 1 |
| 47.5° | 42 | 31 | 21 | 14 | 8 | 4 | 4 | 2 | 2 | 3 | 2 |
| 45° | 54 | 44 | 31 | 21 | 14 | 8 | 5 | 3 | 3 | 3 | 3 |
| 42.5° | 65 | 55 | 43 | 28 | 20 | 12 | 7 | 4 | 3 | 3 | 3 |
| 40° | 79 | 66 | 54 | 39 | 27 | 17 | 11 | 7 | 3 | 3 | 3 |
| 37.5° | 93 | 79 | 65 | 50 | 34 | 23 | 14 | 9 | 4 | 3 | 3 |
| 35° | 107 | 92 | 75 | 60 | 43 | 30 | 18 | 12 | 7 | 4 | 3 |
| 32.5° | 121 | 104 | 86 | 69 | 52 | 36 | 22 | 15 | 9 | 5 | 3 |
| 30° | 137 | 115 | 96 | 78 | 59 | 43 | 28 | 19 | 12 | 6 | 3 |
| 27.5° | 152 | 126 | 105 | 87 | 67 | 49 | 35 | 22 | 14 | 8 | 4 |
| 25° | 166 | 139 | 115 | 94 | 75 | 56 | 41 | 26 | 17 | 10 | 5 |
| 22.5° | 180 | 152 | 124 | 101 | 83 | 63 | 46 | 31 | 20 | 12 | 6 |
| 20° | 193 | 164 | 133 | 111 | 91 | 70 | 52 | 36 | 23 | 14 | 7 |
| 17.5° | 207 | 176 | 146 | 121 | 99 | 77 | 57 | 40 | 26 | 15 | 8 |
| 15° | 221 | 188 | 157 | 130 | 107 | 83 | 62 | 44 | 29 | 17 | 9 |
| 12.5° | 233 | 199 | 167 | 139 | 114 | 89 | 67 | 48 | 32 | 18 | 11 |
| 10° | 243 | 209 | 176 | 147 | 121 | 94 | 71 | 51 | 35 | 20 | 12 |
| 7.5° | 252 | 217 | 183 | 154 | 128 | 99 | 75 | 54 | 38 | 21 | 13 |
| 5° | 259 | 224 | 189 | 160 | 132 | 104 | 78 | 57 | 40 | 23 | 15 |
| 2.5° | 264 | 228 | 194 | 164 | 136 | 108 | 81 | 59 | 43 | 24 | 16 |
| 0° | 267 | 231 | 198 | 167 | 139 | 111 | 84 | 61 | 45 | 25 | 17 |
| -2.5° | 271 | 234 | 202 | 171 | 142 | 115 | 86 | 63 | 46 | 28 | 17 |
| -5° | 272 | 236 | 204 | 173 | 145 | 118 | 88 | 65 | 47 | 30 | 17 |
| -7.5° | 273 | 238 | 206 | 175 | 147 | 120 | 90 | 66 | 48 | 32 | 17 |
| -10° | 274 | 239 | 208 | 177 | 148 | 121 | 91 | 66 | 49 | 33 | 18 |
| -12.5° | 273 | 240 | 209 | 177 | 149 | 122 | 92 | 68 | 50 | 34 | 18 |
| -15° | 271 | 239 | 208 | 177 | 149 | 122 | 94 | 69 | 51 | 34 | 18 |
| -17.5° | 267 | 238 | 207 | 176 | 148 | 121 | 94 | 70 | 51 | 34 | 18 |
| -20° | 265 | 235 | 204 | 173 | 147 | 121 | 94 | 70 | 51 | 33 | 19 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| -22.5° | 261 | 231 | 200 | 170 | 145 | 120 | 93 | 69 | 50 | 33 | 20 |
| -25° | 255 | 225 | 196 | 168 | 143 | 118 | 92 | 67 | 49 | 32 | 21 |
| -27.5° | 248 | 219 | 191 | 165 | 141 | 116 | 90 | 65 | 48 | 31 | 21 |
| -30° | 240 | 213 | 187 | 161 | 137 | 113 | 86 | 63 | 46 | 30 | 21 |
| -32.5° | 232 | 207 | 182 | 157 | 133 | 109 | 82 | 61 | 44 | 30 | 21 |
| -35° | 224 | 201 | 176 | 151 | 128 | 104 | 78 | 58 | 43 | 30 | 20 |
| -37.5° | 215 | 193 | 169 | 144 | 122 | 99 | 76 | 56 | 41 | 29 | 20 |
| -40° | 206 | 184 | 160 | 138 | 117 | 93 | 73 | 55 | 40 | 28 | 19 |
| -42.5° | 197 | 174 | 153 | 132 | 111 | 90 | 70 | 53 | 38 | 27 | 18 |
| -45° | 186 | 165 | 146 | 125 | 105 | 85 | 67 | 50 | 37 | 26 | 18 |
| -47.5° | 176 | 158 | 138 | 118 | 100 | 81 | 63 | 48 | 34 | 25 | 17 |
| -50° | 168 | 149 | 129 | 110 | 93 | 76 | 59 | 44 | 33 | 24 | 16 |
| -52.5° | 157 | 138 | 119 | 102 | 86 | 70 | 54 | 41 | 31 | 22 | 15 |
| -55° | 145 | 127 | 109 | 94 | 79 | 64 | 49 | 38 | 28 | 20 | 13 |
| -57.5° | 132 | 114 | 100 | 86 | 71 | 57 | 44 | 34 | 26 | 18 | 12 |
| -60° | 119 | 104 | 91 | 76 | 63 | 50 | 40 | 31 | 23 | 16 | 11 |
| -62.5° | 107 | 93 | 80 | 67 | 55 | 44 | 35 | 27 | 20 | 15 | 10 |
| -65° | 93 | 81 | 69 | 58 | 47 | 38 | 31 | 24 | 18 | 13 | 9 |
| -67.5° | 78 | 68 | 58 | 49 | 40 | 33 | 26 | 21 | 16 | 11 | 8 |
| -70° | 65 | 56 | 48 | 40 | 33 | 27 | 23 | 18 | 14 | 10 | 7 |
| -72.5° | 54 | 46 | 39 | 32 | 27 | 23 | 19 | 15 | 12 | 9 | 6 |
| -75° | 43 | 37 | 31 | 26 | 22 | 19 | 16 | 12 | 9 | 7 | 5 |
| -77.5° | 33 | 29 | 24 | 21 | 18 | 15 | 12 | 9 | 7 | 6 | 4 |
| -80° | 24 | 21 | 19 | 16 | 13 | 11 | 9 | 7 | 5 | 4 | 3 |
| -82.5° | 16 | 15 | 13 | 11 | 9 | 8 | 6 | 4 | 4 | 3 | 3 |
| -85° | 9 | 8 | 8 | 7 | 5 | 4 | 3 | 2 | 2 | 2 | 2 |
| -87.5° | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52.5° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47.5° | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 45° | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 42.5° | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 40° | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 37.5° | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| 35° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| 32.5° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| 30° | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| 27.5° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 25° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 22.5° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 20° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 17.5° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 15° | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| 12.5° | 4 | 3 | 3 | 0 | 0 | 0 | 0 |
| 10° | 4 | 3 | 3 | 0 | 0 | 0 | 0 |
| 7.5° | 4 | 3 | 3 | 0 | 0 | 0 | 0 |
| 5° | 5 | 3 | 3 | 0 | 0 | 0 | 0 |
| 2.5° | 5 | 3 | 3 | 0 | 0 | 0 | 0 |
| 0° | 6 | 3 | 3 | 0 | 0 | 0 | 0 |
| -2.5° | 7 | 3 | 3 | 0 | 0 | 0 | 0 |
| -5° | 8 | 3 | 3 | 0 | 0 | 0 | 0 |
| -7.5° | 9 | 4 | 3 | 1 | 0 | 0 | 0 |
| -10° | 9 | 4 | 3 | 1 | 0 | 0 | 0 |
| -12.5° | 10 | 4 | 3 | 1 | 0 | 0 | 0 |
| -15° | 11 | 4 | 3 | 1 | 0 | 0 | 0 |
| -17.5° | 11 | 4 | 3 | 1 | 0 | 0 | 0 |
| -20° | 11 | 4 | 3 | 1 | 0 | 0 | 0 |

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REPORT NUMBER: P627014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 11 | 4 | 3 | 1 | 0 | 0 | 0 |
| -25° | 12 | 5 | 3 | 1 | 0 | 0 | 0 |
| -27.5° | 12 | 5 | 3 | 1 | 0 | 0 | 0 |
| -30° | 11 | 5 | 3 | 1 | 0 | 0 | 0 |
| -32.5° | 11 | 6 | 3 | 1 | 0 | 0 | 0 |
| -35° | 11 | 6 | 3 | 1 | 0 | 0 | 0 |
| -37.5° | 11 | 6 | 4 | 1 | 0 | 0 | 0 |
| -40° | 11 | 6 | 4 | 1 | 0 | 0 | 0 |
| -42.5° | 11 | 6 | 4 | 1 | 0 | 0 | 0 |
| -45° | 10 | 6 | 3 | 1 | 0 | 0 | 0 |
| -47.5° | 10 | 6 | 3 | 0 | 0 | 0 | 0 |
| -50° | 10 | 6 | 3 | 0 | 0 | 0 | 0 |
| -52.5° | 9 | 6 | 3 | 0 | 0 | 0 | 0 |
| -55° | 9 | 5 | 3 | 1 | 0 | 0 | 0 |
| -57.5° | 8 | 5 | 2 | 1 | 0 | 0 | 0 |
| -60° | 7 | 5 | 2 | 1 | 0 | 0 | 0 |
| -62.5° | 7 | 4 | 2 | 1 | 0 | 0 | 0 |
| -65° | 6 | 4 | 2 | 1 | 0 | 0 | 0 |
| -67.5° | 6 | 3 | 2 | 1 | 0 | 0 | 0 |
| -70° | 5 | 3 | 2 | 1 | 0 | 0 | 0 |
| -72.5° | 5 | 3 | 2 | 1 | 0 | 0 | 0 |
| -75° | 4 | 3 | 1 | 0 | 0 | 0 | 0 |
| -77.5° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -80° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -82.5° | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| -85° | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)