

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: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10925.5 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 15306.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 7317.9 lumens
Beam Efficiency: 67.0%

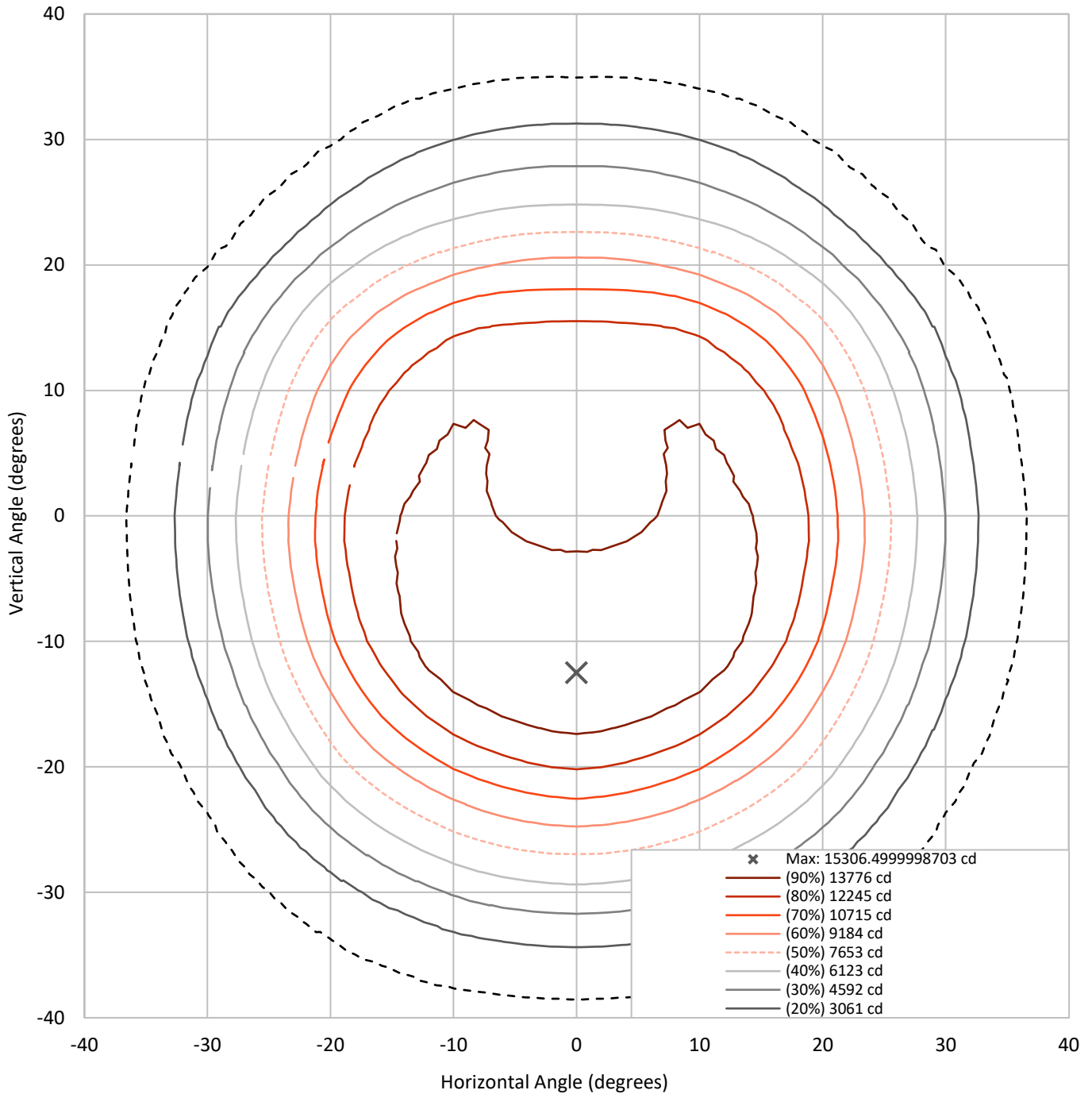
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 9847.7 lumens
Field Efficiency: 90.1%

Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





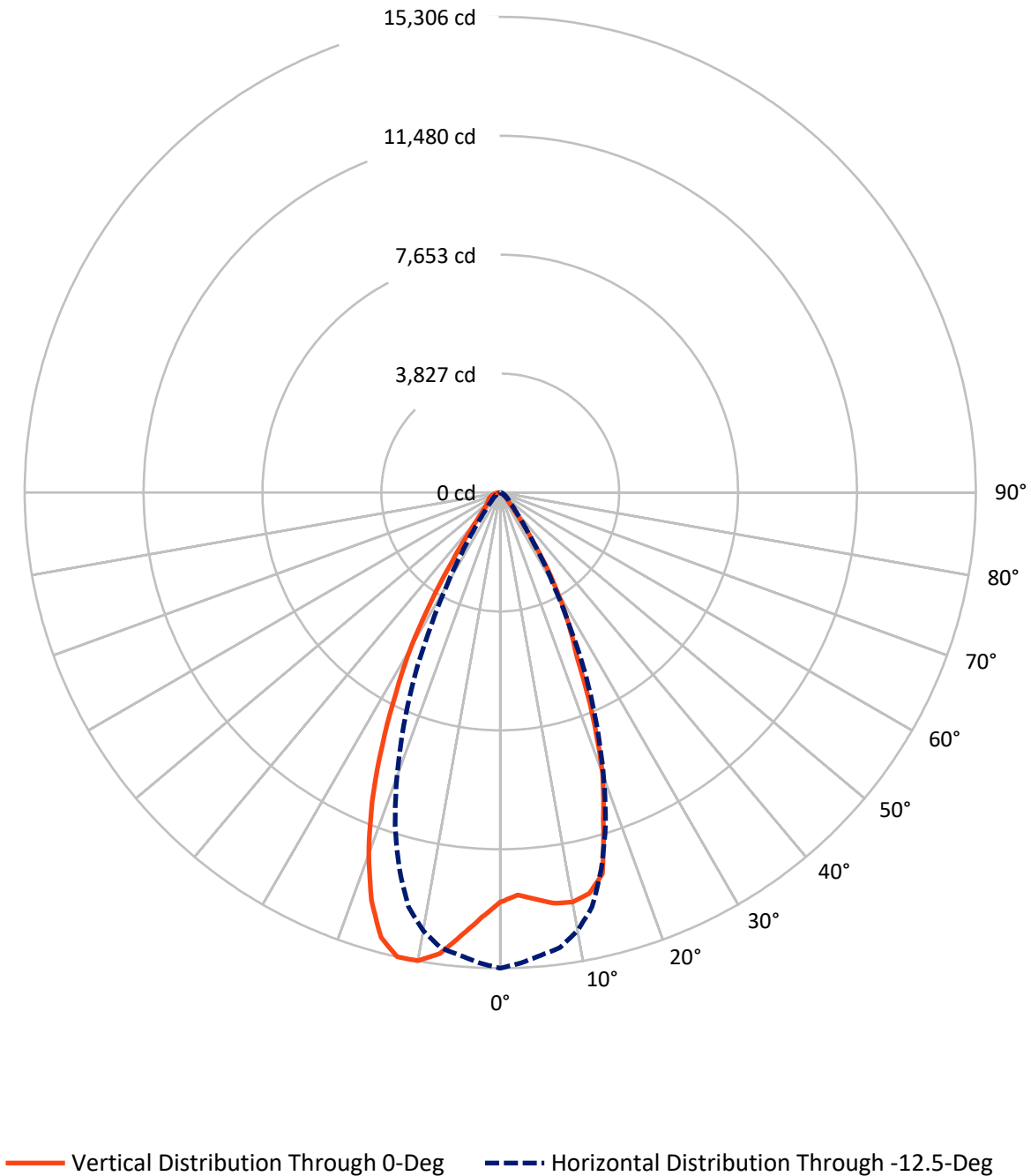
REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|-----|-----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | |
| 60 | 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 | | |
| 50 | | 0.0 | 0.1 | 0.4 | 0.9 | 1.5 | 2.1 | 2.4 | 2.4 | 2.1 | 1.5 | 0.9 | 0.4 | 0.1 | 0.0 | | | | |
| 40 | 0.1 | 0.1 | 0.4 | 1.5 | 3.1 | 5.0 | 7.5 | 9.2 | 9.2 | 7.5 | 5.0 | 3.1 | 1.5 | 0.4 | 0.1 | 0.1 | | | |
| 30 | | 0.2 | 1.2 | 3.2 | 6.6 | 14.2 | 32.2 | 49.2 | 49.2 | 32.2 | 14.2 | 6.6 | 3.2 | 1.2 | 0.2 | | | | |
| 20 | 0.1 | 0.4 | 2.0 | 5.1 | 13.7 | 50.8 | 130.8 | 182.8 | 182.8 | 130.8 | 50.8 | 13.7 | 5.1 | 2.0 | 0.4 | 0.1 | | | |
| 10 | | 0.7 | 2.8 | 7.9 | 32.6 | 141.0 | 294.2 | 364.3 | 364.3 | 294.2 | 141.0 | 32.6 | 7.9 | 2.8 | 0.7 | | | | |
| 0 | 0.2 | 1.0 | 3.5 | 10.2 | 52.0 | 207.7 | 379.4 | 411.3 | 411.3 | 379.4 | 207.7 | 52.0 | 10.2 | 3.5 | 1.0 | 0.2 | | | |
| -10 | | 1.1 | 3.9 | 10.9 | 54.3 | 214.5 | 393.0 | 436.5 | 436.5 | 393.0 | 214.5 | 54.3 | 10.9 | 3.9 | 1.1 | | | | |
| -20 | 0.3 | 1.2 | 3.9 | 9.9 | 38.9 | 159.7 | 331.6 | 423.3 | 423.3 | 331.6 | 159.7 | 38.9 | 9.9 | 3.9 | 1.2 | 0.3 | | | |
| -30 | | 1.2 | 3.8 | 8.2 | 21.7 | 77.5 | 184.7 | 260.0 | 260.0 | 184.7 | 77.5 | 21.7 | 8.2 | 3.8 | 1.2 | | | | |
| -40 | 0.3 | 1.0 | 3.4 | 6.8 | 13.0 | 27.6 | 57.7 | 85.7 | 85.7 | 57.7 | 27.6 | 13.0 | 6.8 | 3.4 | 1.0 | 0.3 | | | |
| -50 | | 0.9 | 2.8 | 5.7 | 9.5 | 14.0 | 19.7 | 23.3 | 23.3 | 19.7 | 14.0 | 9.5 | 5.7 | 2.8 | 0.9 | | | | |
| -60 | 0.2 | 0.6 | 2.1 | 4.5 | 7.5 | 10.3 | 12.9 | 14.1 | 14.1 | 12.9 | 10.3 | 7.5 | 4.5 | 2.1 | 0.6 | 0.2 | | | |
| -70 | | 0.4 | 1.4 | 3.1 | 5.2 | 7.4 | 9.4 | 10.4 | 10.4 | 9.4 | 7.4 | 5.2 | 3.1 | 1.4 | 0.4 | | | | |
| -80 | 0.1 | 1.2 | 5.5 | 11.7 | 15.0 | 11.7 | 5.5 | 1.2 | 0.1 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

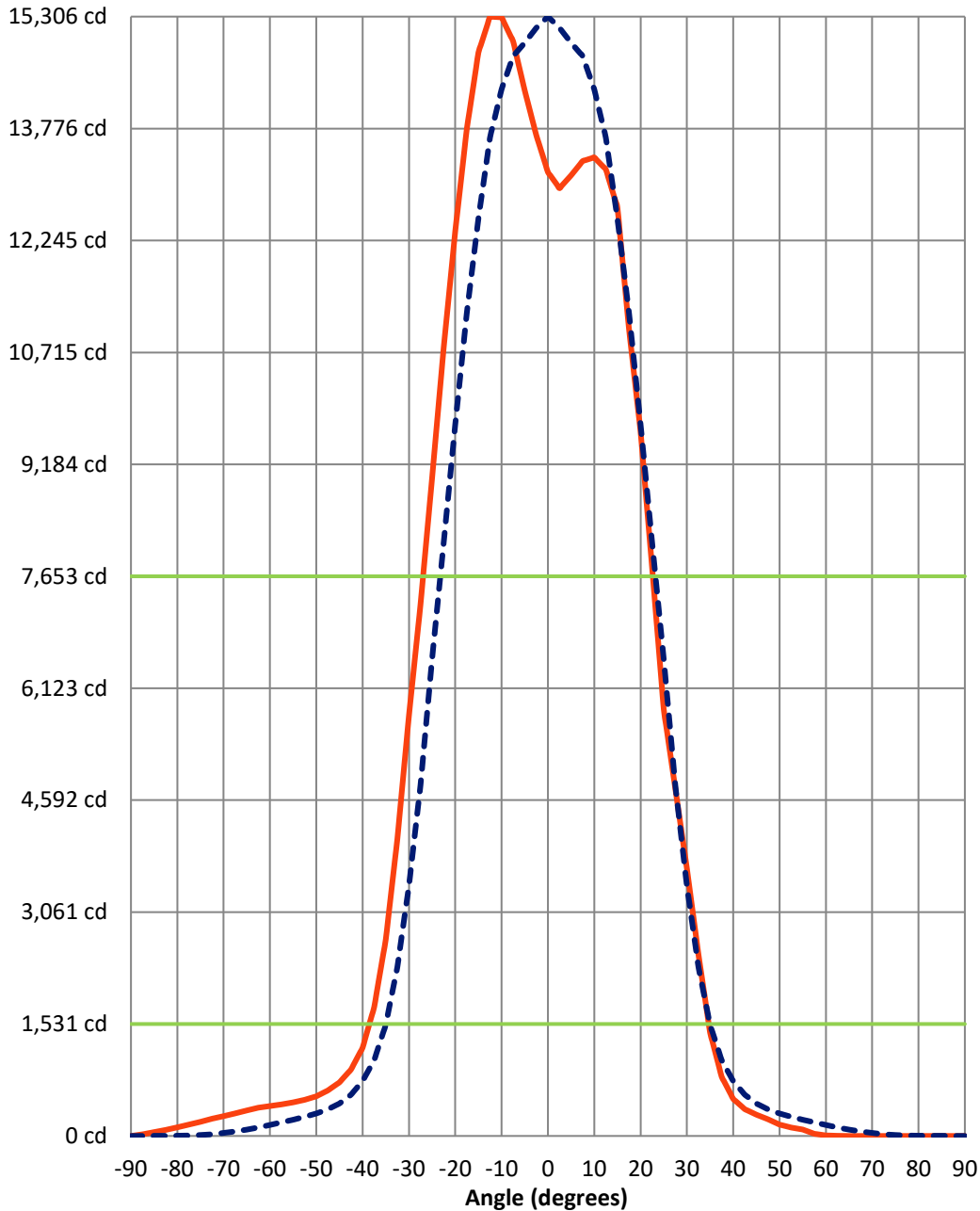
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 7317.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 9847.7
 Efficiency: 90.1%

Spill:
 Lumens: 1077.8
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -12.5-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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |
| 62.5° | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 |
| 60° | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 2 | 2 | 2 |
| 57.5° | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 3 |
| 55° | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | 3 |
| 52.5° | 0 | 0 | 1 | 2 | 2 | 1 | 2 | 3 | 2 | 3 | 3 |
| 50° | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 47.5° | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 45° | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 42.5° | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 5 |
| 40° | 0 | 0 | 1 | 3 | 2 | 2 | 3 | 3 | 3 | 5 | 6 |
| 37.5° | 0 | 0 | 1 | 3 | 2 | 2 | 4 | 4 | 4 | 6 | 7 |
| 35° | 0 | 0 | 2 | 3 | 2 | 3 | 4 | 4 | 5 | 7 | 9 |
| 32.5° | 0 | 0 | 2 | 3 | 2 | 3 | 4 | 4 | 6 | 9 | 15 |
| 30° | 0 | 0 | 2 | 3 | 2 | 3 | 4 | 4 | 7 | 11 | 20 |
| 27.5° | 0 | 0 | 2 | 3 | 3 | 3 | 4 | 5 | 8 | 13 | 25 |
| 25° | 0 | 0 | 2 | 3 | 3 | 4 | 5 | 6 | 10 | 17 | 29 |
| 22.5° | 0 | 0 | 2 | 3 | 3 | 4 | 5 | 7 | 12 | 21 | 34 |
| 20° | 0 | 0 | 2 | 3 | 3 | 4 | 5 | 7 | 14 | 24 | 40 |
| 17.5° | 0 | 0 | 2 | 3 | 3 | 4 | 5 | 8 | 16 | 27 | 45 |
| 15° | 0 | 0 | 2 | 3 | 3 | 5 | 5 | 9 | 19 | 30 | 51 |
| 12.5° | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 11 | 21 | 32 | 56 |
| 10° | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 13 | 23 | 36 | 61 |
| 7.5° | 0 | 0 | 2 | 3 | 3 | 5 | 6 | 15 | 24 | 40 | 65 |
| 5° | 0 | 0 | 2 | 3 | 3 | 5 | 7 | 17 | 25 | 45 | 68 |
| 2.5° | 0 | 0 | 2 | 3 | 3 | 5 | 7 | 18 | 27 | 49 | 71 |
| 0° | 0 | 0 | 3 | 3 | 3 | 5 | 7 | 20 | 28 | 53 | 73 |
| -2.5° | 0 | 0 | 2 | 3 | 3 | 5 | 9 | 21 | 31 | 55 | 77 |
| -5° | 0 | 0 | 2 | 3 | 3 | 6 | 10 | 21 | 34 | 57 | 80 |
| -7.5° | 0 | 0 | 2 | 3 | 3 | 6 | 11 | 22 | 37 | 59 | 83 |
| -10° | 0 | 0 | 2 | 3 | 3 | 6 | 12 | 22 | 40 | 60 | 85 |
| -12.5° | 0 | 0 | 2 | 3 | 3 | 6 | 13 | 23 | 42 | 62 | 87 |
| -15° | 0 | 0 | 2 | 3 | 4 | 6 | 14 | 23 | 42 | 62 | 87 |
| -17.5° | 0 | 0 | 2 | 3 | 4 | 6 | 14 | 24 | 42 | 62 | 87 |
| -20° | 0 | 0 | 2 | 3 | 4 | 6 | 14 | 25 | 41 | 62 | 86 |

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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 | 2 | 3 | 4 | 6 | 14 | 25 | 41 | 61 | 84 |
| -25° | 0 | 0 | 2 | 3 | 4 | 7 | 14 | 25 | 40 | 60 | 81 |
| -27.5° | 0 | 1 | 2 | 3 | 4 | 7 | 14 | 25 | 39 | 58 | 79 |
| -30° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 25 | 38 | 57 | 77 |
| -32.5° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 24 | 38 | 55 | 74 |
| -35° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 24 | 37 | 53 | 70 |
| -37.5° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 23 | 35 | 51 | 69 |
| -40° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 22 | 33 | 49 | 68 |
| -42.5° | 0 | 1 | 2 | 3 | 4 | 8 | 14 | 21 | 31 | 47 | 66 |
| -45° | 0 | 1 | 2 | 3 | 4 | 8 | 13 | 20 | 30 | 44 | 62 |
| -47.5° | 0 | 1 | 2 | 3 | 5 | 8 | 13 | 20 | 29 | 40 | 59 |
| -50° | 0 | 1 | 2 | 3 | 5 | 8 | 13 | 19 | 27 | 39 | 54 |
| -52.5° | 0 | 1 | 2 | 3 | 5 | 8 | 12 | 18 | 26 | 37 | 49 |
| -55° | 0 | 1 | 2 | 3 | 5 | 7 | 12 | 17 | 25 | 34 | 46 |
| -57.5° | 0 | 1 | 2 | 3 | 4 | 7 | 11 | 16 | 23 | 32 | 43 |
| -60° | 0 | 1 | 2 | 3 | 4 | 7 | 10 | 15 | 22 | 30 | 40 |
| -62.5° | 0 | 1 | 2 | 3 | 4 | 6 | 10 | 14 | 20 | 27 | 36 |
| -65° | 0 | 0 | 2 | 3 | 4 | 6 | 9 | 13 | 18 | 25 | 33 |
| -67.5° | 0 | 0 | 2 | 3 | 4 | 6 | 8 | 12 | 16 | 22 | 29 |
| -70° | 0 | 0 | 2 | 3 | 4 | 5 | 7 | 10 | 14 | 19 | 25 |
| -72.5° | 0 | 0 | 1 | 3 | 4 | 5 | 7 | 9 | 12 | 16 | 21 |
| -75° | 0 | 0 | 1 | 2 | 4 | 5 | 6 | 8 | 10 | 13 | 17 |
| -77.5° | 0 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 9 | 11 | 13 |
| -80° | 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 11 |
| -82.5° | 0 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 |
| -85° | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 6 |
| -87.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 1 | 2 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 62.5° | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 1 | 1 |
| 60° | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 6 |
| 57.5° | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 9 | 15 | 17 |
| 55° | 3 | 2 | 3 | 3 | 4 | 4 | 7 | 14 | 21 | 26 | 28 |
| 52.5° | 3 | 3 | 4 | 5 | 6 | 9 | 17 | 26 | 32 | 37 | 44 |
| 50° | 3 | 4 | 5 | 7 | 11 | 20 | 29 | 38 | 47 | 55 | 65 |
| 47.5° | 4 | 5 | 8 | 11 | 20 | 31 | 43 | 55 | 65 | 76 | 90 |
| 45° | 5 | 8 | 11 | 19 | 31 | 45 | 59 | 72 | 83 | 96 | 108 |
| 42.5° | 6 | 12 | 18 | 28 | 44 | 61 | 77 | 88 | 99 | 114 | 130 |
| 40° | 10 | 17 | 26 | 40 | 58 | 78 | 92 | 104 | 116 | 136 | 156 |
| 37.5° | 15 | 24 | 35 | 53 | 75 | 94 | 108 | 122 | 140 | 163 | 186 |
| 35° | 21 | 31 | 47 | 67 | 91 | 108 | 124 | 141 | 166 | 193 | 221 |
| 32.5° | 27 | 37 | 58 | 81 | 103 | 123 | 140 | 166 | 192 | 221 | 259 |
| 30° | 32 | 47 | 69 | 95 | 115 | 135 | 160 | 189 | 215 | 250 | 295 |
| 27.5° | 38 | 56 | 81 | 106 | 127 | 148 | 180 | 208 | 238 | 278 | 332 |
| 25° | 45 | 67 | 92 | 116 | 138 | 164 | 199 | 229 | 260 | 311 | 384 |
| 22.5° | 53 | 76 | 102 | 125 | 148 | 181 | 219 | 256 | 296 | 347 | 437 |
| 20° | 61 | 85 | 112 | 136 | 158 | 198 | 240 | 285 | 340 | 411 | 529 |
| 17.5° | 68 | 94 | 121 | 147 | 175 | 215 | 263 | 316 | 384 | 473 | 646 |
| 15° | 75 | 101 | 130 | 158 | 191 | 233 | 285 | 351 | 433 | 544 | 759 |
| 12.5° | 82 | 108 | 138 | 169 | 205 | 250 | 305 | 377 | 473 | 633 | 903 |
| 10° | 88 | 114 | 146 | 180 | 217 | 264 | 323 | 398 | 506 | 697 | 1011 |
| 7.5° | 92 | 120 | 154 | 190 | 228 | 276 | 338 | 416 | 536 | 748 | 1095 |
| 5° | 96 | 127 | 161 | 197 | 236 | 287 | 350 | 430 | 560 | 784 | 1160 |
| 2.5° | 100 | 134 | 166 | 203 | 241 | 295 | 359 | 442 | 584 | 815 | 1215 |
| 0° | 103 | 140 | 171 | 208 | 246 | 301 | 366 | 452 | 602 | 836 | 1257 |
| -2.5° | 106 | 144 | 177 | 212 | 253 | 305 | 370 | 459 | 608 | 839 | 1249 |
| -5° | 109 | 146 | 181 | 215 | 258 | 308 | 371 | 461 | 608 | 832 | 1223 |
| -7.5° | 112 | 147 | 185 | 218 | 261 | 309 | 371 | 460 | 601 | 818 | 1181 |
| -10° | 114 | 149 | 186 | 220 | 262 | 309 | 369 | 454 | 587 | 791 | 1118 |
| -12.5° | 116 | 150 | 187 | 222 | 262 | 307 | 364 | 444 | 564 | 751 | 1037 |
| -15° | 118 | 151 | 186 | 221 | 261 | 304 | 356 | 430 | 534 | 697 | 937 |
| -17.5° | 118 | 151 | 186 | 220 | 259 | 299 | 346 | 413 | 507 | 649 | 866 |
| -20° | 118 | 151 | 184 | 216 | 256 | 294 | 339 | 399 | 484 | 604 | 778 |

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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° | 117 | 150 | 183 | 213 | 251 | 289 | 330 | 384 | 454 | 553 | 694 |
| -25° | 115 | 148 | 181 | 211 | 245 | 282 | 320 | 366 | 428 | 515 | 632 |
| -27.5° | 111 | 145 | 177 | 208 | 239 | 275 | 310 | 353 | 406 | 474 | 567 |
| -30° | 105 | 141 | 172 | 203 | 234 | 268 | 301 | 337 | 384 | 443 | 518 |
| -32.5° | 100 | 136 | 167 | 197 | 228 | 260 | 292 | 325 | 365 | 414 | 473 |
| -35° | 96 | 130 | 161 | 190 | 220 | 251 | 282 | 313 | 346 | 389 | 440 |
| -37.5° | 94 | 124 | 155 | 182 | 211 | 242 | 271 | 300 | 331 | 365 | 411 |
| -40° | 91 | 117 | 149 | 176 | 202 | 231 | 260 | 288 | 316 | 350 | 385 |
| -42.5° | 87 | 113 | 142 | 169 | 194 | 221 | 248 | 275 | 303 | 335 | 368 |
| -45° | 83 | 108 | 135 | 161 | 186 | 211 | 237 | 262 | 290 | 320 | 350 |
| -47.5° | 78 | 102 | 128 | 150 | 175 | 200 | 225 | 250 | 275 | 303 | 332 |
| -50° | 73 | 95 | 118 | 140 | 162 | 187 | 212 | 238 | 262 | 285 | 311 |
| -52.5° | 67 | 86 | 109 | 131 | 151 | 172 | 198 | 223 | 247 | 270 | 293 |
| -55° | 61 | 79 | 99 | 120 | 140 | 159 | 181 | 207 | 231 | 253 | 277 |
| -57.5° | 55 | 71 | 90 | 110 | 129 | 149 | 169 | 191 | 214 | 236 | 259 |
| -60° | 51 | 64 | 79 | 98 | 118 | 137 | 157 | 177 | 198 | 219 | 240 |
| -62.5° | 46 | 57 | 70 | 86 | 104 | 123 | 142 | 161 | 181 | 199 | 217 |
| -65° | 42 | 51 | 62 | 74 | 89 | 106 | 124 | 142 | 161 | 177 | 192 |
| -67.5° | 37 | 45 | 53 | 63 | 76 | 90 | 105 | 121 | 138 | 154 | 169 |
| -70° | 32 | 39 | 46 | 54 | 64 | 76 | 89 | 102 | 116 | 130 | 144 |
| -72.5° | 26 | 33 | 39 | 46 | 54 | 64 | 74 | 85 | 97 | 109 | 121 |
| -75° | 22 | 26 | 32 | 38 | 45 | 53 | 61 | 71 | 80 | 90 | 100 |
| -77.5° | 17 | 21 | 26 | 30 | 35 | 42 | 49 | 56 | 63 | 71 | 79 |
| -80° | 13 | 16 | 20 | 23 | 27 | 32 | 37 | 42 | 47 | 53 | 60 |
| -82.5° | 10 | 12 | 15 | 17 | 20 | 23 | 26 | 29 | 34 | 38 | 43 |
| -85° | 7 | 9 | 10 | 11 | 13 | 15 | 17 | 19 | 21 | 24 | 27 |
| -87.5° | 4 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 10 | 12 | 13 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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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 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 60° | 7 | 5 | 6 | 8 | 8 | 6 | 9 | 10 | 9 | 8 | 8 |
| 57.5° | 18 | 19 | 22 | 25 | 28 | 30 | 32 | 35 | 37 | 38 | 39 |
| 55° | 32 | 39 | 45 | 49 | 54 | 62 | 69 | 70 | 71 | 73 | 77 |
| 52.5° | 52 | 59 | 63 | 69 | 79 | 86 | 89 | 95 | 101 | 107 | 113 |
| 50° | 75 | 81 | 89 | 98 | 109 | 115 | 118 | 128 | 140 | 151 | 157 |
| 47.5° | 98 | 107 | 121 | 138 | 146 | 154 | 164 | 178 | 191 | 206 | 218 |
| 45° | 120 | 136 | 153 | 168 | 180 | 193 | 207 | 223 | 245 | 265 | 281 |
| 42.5° | 145 | 162 | 180 | 198 | 210 | 232 | 257 | 276 | 307 | 335 | 352 |
| 40° | 174 | 191 | 217 | 238 | 264 | 292 | 334 | 373 | 413 | 459 | 492 |
| 37.5° | 209 | 235 | 271 | 306 | 345 | 385 | 461 | 538 | 602 | 691 | 740 |
| 35° | 251 | 292 | 342 | 394 | 457 | 554 | 664 | 814 | 970 | 1099 | 1224 |
| 32.5° | 299 | 351 | 421 | 513 | 619 | 775 | 941 | 1217 | 1485 | 1754 | 2017 |
| 30° | 347 | 423 | 529 | 656 | 829 | 1076 | 1389 | 1815 | 2277 | 2681 | 3046 |
| 27.5° | 410 | 518 | 656 | 846 | 1140 | 1502 | 2080 | 2672 | 3259 | 3784 | 4161 |
| 25° | 487 | 631 | 827 | 1141 | 1566 | 2166 | 2941 | 3666 | 4355 | 4870 | 5303 |
| 22.5° | 598 | 814 | 1092 | 1491 | 2264 | 3097 | 4025 | 4937 | 5712 | 6360 | 6787 |
| 20° | 735 | 1027 | 1492 | 2216 | 3125 | 4167 | 5361 | 6320 | 7274 | 8004 | 8655 |
| 17.5° | 929 | 1394 | 2051 | 2971 | 4056 | 5446 | 6675 | 7746 | 8957 | 9702 | 10367 |
| 15° | 1103 | 1701 | 2638 | 3811 | 5083 | 6556 | 8006 | 9317 | 10486 | 11305 | 12048 |
| 12.5° | 1324 | 2028 | 3104 | 4485 | 5875 | 7516 | 9023 | 10426 | 11572 | 12414 | 12934 |
| 10° | 1521 | 2363 | 3571 | 5014 | 6571 | 8285 | 9846 | 11307 | 12417 | 13068 | 13451 |
| 7.5° | 1681 | 2641 | 3948 | 5467 | 7111 | 8836 | 10485 | 11936 | 12997 | 13542 | 13803 |
| 5° | 1804 | 2847 | 4244 | 5838 | 7546 | 9311 | 10994 | 12414 | 13308 | 13758 | 13904 |
| 2.5° | 1897 | 2991 | 4443 | 6083 | 7839 | 9662 | 11381 | 12780 | 13542 | 13867 | 13916 |
| 0° | 1960 | 3092 | 4573 | 6236 | 8091 | 9788 | 11590 | 13010 | 13735 | 13996 | 14021 |
| -2.5° | 1945 | 3055 | 4567 | 6181 | 8062 | 9844 | 11623 | 13025 | 13801 | 14152 | 14209 |
| -5° | 1906 | 2969 | 4415 | 6023 | 7833 | 9618 | 11314 | 12794 | 13747 | 14277 | 14511 |
| -7.5° | 1829 | 2821 | 4157 | 5721 | 7461 | 9248 | 10978 | 12514 | 13610 | 14355 | 14814 |
| -10° | 1699 | 2604 | 3825 | 5338 | 7054 | 8756 | 10466 | 12060 | 13241 | 14138 | 14777 |
| -12.5° | 1522 | 2309 | 3421 | 4797 | 6521 | 8110 | 9730 | 11257 | 12545 | 13652 | 14312 |
| -15° | 1338 | 2003 | 3001 | 4260 | 5761 | 7326 | 8823 | 10321 | 11593 | 12627 | 13451 |
| -17.5° | 1208 | 1734 | 2515 | 3617 | 4935 | 6420 | 7879 | 9256 | 10404 | 11376 | 12240 |
| -20° | 1043 | 1433 | 2052 | 2978 | 4139 | 5437 | 6835 | 8060 | 9085 | 9997 | 10822 |

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

Scaled Data Report



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 911 | 1228 | 1674 | 2306 | 3349 | 4494 | 5637 | 6765 | 7729 | 8541 | 9246 |
| -25° | 792 | 1014 | 1363 | 1877 | 2555 | 3543 | 4507 | 5460 | 6349 | 7104 | 7739 |
| -27.5° | 698 | 875 | 1107 | 1473 | 1988 | 2565 | 3409 | 4205 | 4970 | 5660 | 6259 |
| -30° | 613 | 745 | 927 | 1156 | 1506 | 1934 | 2442 | 3038 | 3648 | 4192 | 4736 |
| -32.5° | 551 | 646 | 771 | 941 | 1137 | 1443 | 1750 | 2151 | 2537 | 2934 | 3324 |
| -35° | 496 | 572 | 657 | 771 | 905 | 1084 | 1287 | 1531 | 1738 | 1998 | 2238 |
| -37.5° | 459 | 512 | 577 | 649 | 745 | 845 | 982 | 1130 | 1258 | 1403 | 1525 |
| -40° | 427 | 469 | 513 | 562 | 628 | 695 | 784 | 867 | 948 | 1037 | 1103 |
| -42.5° | 401 | 435 | 467 | 504 | 543 | 597 | 657 | 709 | 758 | 810 | 853 |
| -45° | 381 | 406 | 431 | 460 | 490 | 529 | 571 | 610 | 642 | 671 | 695 |
| -47.5° | 358 | 381 | 404 | 426 | 451 | 480 | 507 | 532 | 559 | 581 | 598 |
| -50° | 337 | 359 | 379 | 399 | 421 | 443 | 465 | 485 | 504 | 520 | 531 |
| -52.5° | 315 | 338 | 359 | 376 | 395 | 413 | 431 | 449 | 466 | 481 | 488 |
| -55° | 299 | 321 | 341 | 357 | 373 | 388 | 404 | 421 | 437 | 451 | 455 |
| -57.5° | 282 | 303 | 323 | 338 | 352 | 366 | 381 | 396 | 411 | 425 | 429 |
| -60° | 261 | 284 | 301 | 315 | 330 | 345 | 359 | 373 | 387 | 398 | 403 |
| -62.5° | 237 | 257 | 273 | 287 | 300 | 312 | 328 | 343 | 357 | 369 | 376 |
| -65° | 208 | 226 | 241 | 255 | 267 | 280 | 294 | 308 | 321 | 331 | 338 |
| -67.5° | 183 | 196 | 209 | 221 | 234 | 246 | 260 | 272 | 285 | 294 | 300 |
| -70° | 158 | 171 | 182 | 194 | 205 | 216 | 227 | 237 | 248 | 256 | 262 |
| -72.5° | 133 | 144 | 154 | 165 | 175 | 185 | 194 | 203 | 212 | 219 | 225 |
| -75° | 110 | 120 | 128 | 137 | 145 | 153 | 160 | 168 | 175 | 180 | 186 |
| -77.5° | 87 | 94 | 102 | 109 | 117 | 123 | 128 | 134 | 139 | 144 | 149 |
| -80° | 66 | 72 | 77 | 83 | 89 | 93 | 98 | 102 | 106 | 110 | 113 |
| -82.5° | 48 | 51 | 55 | 59 | 62 | 66 | 69 | 72 | 75 | 77 | 80 |
| -85° | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 49 |
| -87.5° | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MWR-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 | 0 |
| 62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 60° | 8 | 7 | 7 | 8 | 7 | 7 | 8 | 8 | 8 | 9 | 10 |
| 57.5° | 38 | 35 | 33 | 30 | 33 | 35 | 38 | 39 | 38 | 37 | 35 |
| 55° | 82 | 87 | 88 | 88 | 88 | 87 | 82 | 77 | 73 | 71 | 70 |
| 52.5° | 117 | 119 | 118 | 115 | 118 | 119 | 117 | 113 | 107 | 101 | 95 |
| 50° | 159 | 159 | 158 | 156 | 158 | 159 | 159 | 157 | 151 | 140 | 128 |
| 47.5° | 224 | 227 | 229 | 228 | 229 | 227 | 224 | 218 | 206 | 191 | 178 |
| 45° | 287 | 290 | 291 | 291 | 291 | 290 | 287 | 281 | 265 | 245 | 223 |
| 42.5° | 361 | 366 | 368 | 366 | 368 | 366 | 361 | 352 | 335 | 307 | 276 |
| 40° | 511 | 518 | 515 | 507 | 515 | 518 | 511 | 492 | 459 | 413 | 373 |
| 37.5° | 775 | 800 | 810 | 811 | 810 | 800 | 775 | 740 | 691 | 602 | 538 |
| 35° | 1336 | 1426 | 1467 | 1416 | 1467 | 1426 | 1336 | 1224 | 1099 | 970 | 814 |
| 32.5° | 2232 | 2390 | 2480 | 2480 | 2480 | 2390 | 2232 | 2017 | 1754 | 1485 | 1217 |
| 30° | 3323 | 3521 | 3633 | 3657 | 3633 | 3521 | 3323 | 3046 | 2681 | 2277 | 1815 |
| 27.5° | 4455 | 4660 | 4766 | 4751 | 4766 | 4660 | 4455 | 4161 | 3784 | 3259 | 2672 |
| 25° | 5590 | 5745 | 5835 | 5838 | 5835 | 5745 | 5590 | 5303 | 4870 | 4355 | 3666 |
| 22.5° | 7267 | 7594 | 7729 | 7765 | 7729 | 7594 | 7267 | 6787 | 6360 | 5712 | 4937 |
| 20° | 9096 | 9413 | 9617 | 9630 | 9617 | 9413 | 9096 | 8655 | 8004 | 7274 | 6320 |
| 17.5° | 10838 | 10995 | 11024 | 11038 | 11024 | 10995 | 10838 | 10367 | 9702 | 8957 | 7746 |
| 15° | 12480 | 12536 | 12681 | 12699 | 12681 | 12536 | 12480 | 12048 | 11305 | 10486 | 9317 |
| 12.5° | 13260 | 13311 | 13286 | 13219 | 13286 | 13311 | 13260 | 12934 | 12414 | 11572 | 10426 |
| 10° | 13686 | 13614 | 13509 | 13382 | 13509 | 13614 | 13686 | 13451 | 13068 | 12417 | 11307 |
| 7.5° | 13782 | 13703 | 13516 | 13331 | 13516 | 13703 | 13782 | 13803 | 13542 | 12997 | 11936 |
| 5° | 13827 | 13596 | 13360 | 13136 | 13360 | 13596 | 13827 | 13904 | 13758 | 13308 | 12414 |
| 2.5° | 13800 | 13525 | 13201 | 12960 | 13201 | 13525 | 13800 | 13916 | 13867 | 13542 | 12780 |
| 0° | 13888 | 13610 | 13271 | 13181 | 13271 | 13610 | 13888 | 14021 | 13996 | 13735 | 13010 |
| -2.5° | 14134 | 13908 | 13731 | 13683 | 13731 | 13908 | 14134 | 14209 | 14152 | 13801 | 13025 |
| -5° | 14575 | 14525 | 14225 | 14295 | 14225 | 14525 | 14575 | 14511 | 14277 | 13747 | 12794 |
| -7.5° | 15001 | 14930 | 14803 | 14968 | 14803 | 14930 | 15001 | 14814 | 14355 | 13610 | 12514 |
| -10° | 15114 | 15091 | 15150 | 15296 | 15150 | 15091 | 15114 | 14777 | 14138 | 13241 | 12060 |
| -12.5° | 14767 | 14949 | 15153 | 15306 | 15153 | 14949 | 14767 | 14312 | 13652 | 12545 | 11257 |
| -15° | 13993 | 14365 | 14670 | 14815 | 14670 | 14365 | 13993 | 13451 | 12627 | 11593 | 10321 |
| -17.5° | 12852 | 13309 | 13670 | 13773 | 13670 | 13309 | 12852 | 12240 | 11376 | 10404 | 9256 |
| -20° | 11448 | 11912 | 12241 | 12373 | 12241 | 11912 | 11448 | 10822 | 9997 | 9085 | 8060 |



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|
| -22.5° | 9868 | 10321 | 10619 | 10776 | 10619 | 10321 | 9868 | 9246 | 8541 | 7729 | 6765 |
| -25° | 8265 | 8663 | 8928 | 8997 | 8928 | 8663 | 8265 | 7739 | 7104 | 6349 | 5460 |
| -27.5° | 6731 | 7051 | 7246 | 7268 | 7246 | 7051 | 6731 | 6259 | 5660 | 4970 | 4205 |
| -30° | 5188 | 5486 | 5655 | 5745 | 5655 | 5486 | 5188 | 4736 | 4192 | 3648 | 3038 |
| -32.5° | 3644 | 3880 | 4023 | 4061 | 4023 | 3880 | 3644 | 3324 | 2934 | 2537 | 2151 |
| -35° | 2429 | 2576 | 2667 | 2685 | 2667 | 2576 | 2429 | 2238 | 1998 | 1738 | 1531 |
| -37.5° | 1624 | 1696 | 1740 | 1762 | 1740 | 1696 | 1624 | 1525 | 1403 | 1258 | 1130 |
| -40° | 1151 | 1184 | 1203 | 1207 | 1203 | 1184 | 1151 | 1103 | 1037 | 948 | 867 |
| -42.5° | 880 | 897 | 906 | 909 | 906 | 897 | 880 | 853 | 810 | 758 | 709 |
| -45° | 711 | 723 | 730 | 733 | 730 | 723 | 711 | 695 | 671 | 642 | 610 |
| -47.5° | 608 | 616 | 621 | 622 | 621 | 616 | 608 | 598 | 581 | 559 | 532 |
| -50° | 537 | 541 | 543 | 542 | 543 | 541 | 537 | 531 | 520 | 504 | 485 |
| -52.5° | 492 | 495 | 495 | 494 | 495 | 495 | 492 | 488 | 481 | 466 | 449 |
| -55° | 458 | 460 | 460 | 459 | 460 | 460 | 458 | 455 | 451 | 437 | 421 |
| -57.5° | 432 | 435 | 434 | 432 | 434 | 435 | 432 | 429 | 425 | 411 | 396 |
| -60° | 407 | 410 | 410 | 409 | 410 | 410 | 407 | 403 | 398 | 387 | 373 |
| -62.5° | 382 | 387 | 387 | 387 | 387 | 387 | 382 | 376 | 369 | 357 | 343 |
| -65° | 345 | 351 | 351 | 349 | 351 | 351 | 345 | 338 | 331 | 321 | 308 |
| -67.5° | 305 | 309 | 310 | 309 | 310 | 309 | 305 | 300 | 294 | 285 | 272 |
| -70° | 267 | 272 | 272 | 271 | 272 | 272 | 267 | 262 | 256 | 248 | 237 |
| -72.5° | 230 | 234 | 236 | 236 | 236 | 234 | 230 | 225 | 219 | 212 | 203 |
| -75° | 190 | 195 | 194 | 193 | 194 | 195 | 190 | 186 | 180 | 175 | 168 |
| -77.5° | 153 | 157 | 157 | 156 | 157 | 157 | 153 | 149 | 144 | 139 | 134 |
| -80° | 117 | 120 | 119 | 118 | 119 | 120 | 117 | 113 | 110 | 106 | 102 |
| -82.5° | 83 | 85 | 84 | 83 | 84 | 85 | 83 | 80 | 77 | 75 | 72 |
| -85° | 51 | 52 | 53 | 53 | 53 | 52 | 51 | 49 | 48 | 46 | 44 |
| -87.5° | 24 | 25 | 24 | 23 | 24 | 25 | 24 | 23 | 23 | 22 | 21 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-MWR-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° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 60° | 9 | 6 | 8 | 8 | 6 | 5 | 7 | 6 | 2 | 2 | 2 |
| 57.5° | 32 | 30 | 28 | 25 | 22 | 19 | 18 | 17 | 15 | 9 | 4 |
| 55° | 69 | 62 | 54 | 49 | 45 | 39 | 32 | 28 | 26 | 21 | 14 |
| 52.5° | 89 | 86 | 79 | 69 | 63 | 59 | 52 | 44 | 37 | 32 | 26 |
| 50° | 118 | 115 | 109 | 98 | 89 | 81 | 75 | 65 | 55 | 47 | 38 |
| 47.5° | 164 | 154 | 146 | 138 | 121 | 107 | 98 | 90 | 76 | 65 | 55 |
| 45° | 207 | 193 | 180 | 168 | 153 | 136 | 120 | 108 | 96 | 83 | 72 |
| 42.5° | 257 | 232 | 210 | 198 | 180 | 162 | 145 | 130 | 114 | 99 | 88 |
| 40° | 334 | 292 | 264 | 238 | 217 | 191 | 174 | 156 | 136 | 116 | 104 |
| 37.5° | 461 | 385 | 345 | 306 | 271 | 235 | 209 | 186 | 163 | 140 | 122 |
| 35° | 664 | 554 | 457 | 394 | 342 | 292 | 251 | 221 | 193 | 166 | 141 |
| 32.5° | 941 | 775 | 619 | 513 | 421 | 351 | 299 | 259 | 221 | 192 | 166 |
| 30° | 1389 | 1076 | 829 | 656 | 529 | 423 | 347 | 295 | 250 | 215 | 189 |
| 27.5° | 2080 | 1502 | 1140 | 846 | 656 | 518 | 410 | 332 | 278 | 238 | 208 |
| 25° | 2941 | 2166 | 1566 | 1141 | 827 | 631 | 487 | 384 | 311 | 260 | 229 |
| 22.5° | 4025 | 3097 | 2264 | 1491 | 1092 | 814 | 598 | 437 | 347 | 296 | 256 |
| 20° | 5361 | 4167 | 3125 | 2216 | 1492 | 1027 | 735 | 529 | 411 | 340 | 285 |
| 17.5° | 6675 | 5446 | 4056 | 2971 | 2051 | 1394 | 929 | 646 | 473 | 384 | 316 |
| 15° | 8006 | 6556 | 5083 | 3811 | 2638 | 1701 | 1103 | 759 | 544 | 433 | 351 |
| 12.5° | 9023 | 7516 | 5875 | 4485 | 3104 | 2028 | 1324 | 903 | 633 | 473 | 377 |
| 10° | 9846 | 8285 | 6571 | 5014 | 3571 | 2363 | 1521 | 1011 | 697 | 506 | 398 |
| 7.5° | 10485 | 8836 | 7111 | 5467 | 3948 | 2641 | 1681 | 1095 | 748 | 536 | 416 |
| 5° | 10994 | 9311 | 7546 | 5838 | 4244 | 2847 | 1804 | 1160 | 784 | 560 | 430 |
| 2.5° | 11381 | 9662 | 7839 | 6083 | 4443 | 2991 | 1897 | 1215 | 815 | 584 | 442 |
| 0° | 11590 | 9788 | 8091 | 6236 | 4573 | 3092 | 1960 | 1257 | 836 | 602 | 452 |
| -2.5° | 11623 | 9844 | 8062 | 6181 | 4567 | 3055 | 1945 | 1249 | 839 | 608 | 459 |
| -5° | 11314 | 9618 | 7833 | 6023 | 4415 | 2969 | 1906 | 1223 | 832 | 608 | 461 |
| -7.5° | 10978 | 9248 | 7461 | 5721 | 4157 | 2821 | 1829 | 1181 | 818 | 601 | 460 |
| -10° | 10466 | 8756 | 7054 | 5338 | 3825 | 2604 | 1699 | 1118 | 791 | 587 | 454 |
| -12.5° | 9730 | 8110 | 6521 | 4797 | 3421 | 2309 | 1522 | 1037 | 751 | 564 | 444 |
| -15° | 8823 | 7326 | 5761 | 4260 | 3001 | 2003 | 1338 | 937 | 697 | 534 | 430 |
| -17.5° | 7879 | 6420 | 4935 | 3617 | 2515 | 1734 | 1208 | 866 | 649 | 507 | 413 |
| -20° | 6835 | 5437 | 4139 | 2978 | 2052 | 1433 | 1043 | 778 | 604 | 484 | 399 |

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|------|-------|------|-------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 5637 | 4494 | 3349 | 2306 | 1674 | 1228 | 911 | 694 | 553 | 454 | 384 |
| -25° | 4507 | 3543 | 2555 | 1877 | 1363 | 1014 | 792 | 632 | 515 | 428 | 366 |
| -27.5° | 3409 | 2565 | 1988 | 1473 | 1107 | 875 | 698 | 567 | 474 | 406 | 353 |
| -30° | 2442 | 1934 | 1506 | 1156 | 927 | 745 | 613 | 518 | 443 | 384 | 337 |
| -32.5° | 1750 | 1443 | 1137 | 941 | 771 | 646 | 551 | 473 | 414 | 365 | 325 |
| -35° | 1287 | 1084 | 905 | 771 | 657 | 572 | 496 | 440 | 389 | 346 | 313 |
| -37.5° | 982 | 845 | 745 | 649 | 577 | 512 | 459 | 411 | 365 | 331 | 300 |
| -40° | 784 | 695 | 628 | 562 | 513 | 469 | 427 | 385 | 350 | 316 | 288 |
| -42.5° | 657 | 597 | 543 | 504 | 467 | 435 | 401 | 368 | 335 | 303 | 275 |
| -45° | 571 | 529 | 490 | 460 | 431 | 406 | 381 | 350 | 320 | 290 | 262 |
| -47.5° | 507 | 480 | 451 | 426 | 404 | 381 | 358 | 332 | 303 | 275 | 250 |
| -50° | 465 | 443 | 421 | 399 | 379 | 359 | 337 | 311 | 285 | 262 | 238 |
| -52.5° | 431 | 413 | 395 | 376 | 359 | 338 | 315 | 293 | 270 | 247 | 223 |
| -55° | 404 | 388 | 373 | 357 | 341 | 321 | 299 | 277 | 253 | 231 | 207 |
| -57.5° | 381 | 366 | 352 | 338 | 323 | 303 | 282 | 259 | 236 | 214 | 191 |
| -60° | 359 | 345 | 330 | 315 | 301 | 284 | 261 | 240 | 219 | 198 | 177 |
| -62.5° | 328 | 312 | 300 | 287 | 273 | 257 | 237 | 217 | 199 | 181 | 161 |
| -65° | 294 | 280 | 267 | 255 | 241 | 226 | 208 | 192 | 177 | 161 | 142 |
| -67.5° | 260 | 246 | 234 | 221 | 209 | 196 | 183 | 169 | 154 | 138 | 121 |
| -70° | 227 | 216 | 205 | 194 | 182 | 171 | 158 | 144 | 130 | 116 | 102 |
| -72.5° | 194 | 185 | 175 | 165 | 154 | 144 | 133 | 121 | 109 | 97 | 85 |
| -75° | 160 | 153 | 145 | 137 | 128 | 120 | 110 | 100 | 90 | 80 | 71 |
| -77.5° | 128 | 123 | 117 | 109 | 102 | 94 | 87 | 79 | 71 | 63 | 56 |
| -80° | 98 | 93 | 89 | 83 | 77 | 72 | 66 | 60 | 53 | 47 | 42 |
| -82.5° | 69 | 66 | 62 | 59 | 55 | 51 | 48 | 43 | 38 | 34 | 29 |
| -85° | 42 | 40 | 38 | 36 | 34 | 32 | 30 | 27 | 24 | 21 | 19 |
| -87.5° | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 10 | 9 |
| -90° | 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: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MWR-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 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 65° | 1 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 |
| 62.5° | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 0 |
| 60° | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 |
| 57.5° | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| 55° | 7 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 |
| 52.5° | 17 | 9 | 6 | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 3 |
| 50° | 29 | 20 | 11 | 7 | 5 | 4 | 3 | 3 | 3 | 3 | 3 |
| 47.5° | 43 | 31 | 20 | 11 | 8 | 5 | 4 | 3 | 3 | 3 | 3 |
| 45° | 59 | 45 | 31 | 19 | 11 | 8 | 5 | 4 | 3 | 3 | 3 |
| 42.5° | 77 | 61 | 44 | 28 | 18 | 12 | 6 | 5 | 4 | 3 | 3 |
| 40° | 92 | 78 | 58 | 40 | 26 | 17 | 10 | 6 | 5 | 3 | 3 |
| 37.5° | 108 | 94 | 75 | 53 | 35 | 24 | 15 | 7 | 6 | 4 | 4 |
| 35° | 124 | 108 | 91 | 67 | 47 | 31 | 21 | 9 | 7 | 5 | 4 |
| 32.5° | 140 | 123 | 103 | 81 | 58 | 37 | 27 | 15 | 9 | 6 | 4 |
| 30° | 160 | 135 | 115 | 95 | 69 | 47 | 32 | 20 | 11 | 7 | 4 |
| 27.5° | 180 | 148 | 127 | 106 | 81 | 56 | 38 | 25 | 13 | 8 | 5 |
| 25° | 199 | 164 | 138 | 116 | 92 | 67 | 45 | 29 | 17 | 10 | 6 |
| 22.5° | 219 | 181 | 148 | 125 | 102 | 76 | 53 | 34 | 21 | 12 | 7 |
| 20° | 240 | 198 | 158 | 136 | 112 | 85 | 61 | 40 | 24 | 14 | 7 |
| 17.5° | 263 | 215 | 175 | 147 | 121 | 94 | 68 | 45 | 27 | 16 | 8 |
| 15° | 285 | 233 | 191 | 158 | 130 | 101 | 75 | 51 | 30 | 19 | 9 |
| 12.5° | 305 | 250 | 205 | 169 | 138 | 108 | 82 | 56 | 32 | 21 | 11 |
| 10° | 323 | 264 | 217 | 180 | 146 | 114 | 88 | 61 | 36 | 23 | 13 |
| 7.5° | 338 | 276 | 228 | 190 | 154 | 120 | 92 | 65 | 40 | 24 | 15 |
| 5° | 350 | 287 | 236 | 197 | 161 | 127 | 96 | 68 | 45 | 25 | 17 |
| 2.5° | 359 | 295 | 241 | 203 | 166 | 134 | 100 | 71 | 49 | 27 | 18 |
| 0° | 366 | 301 | 246 | 208 | 171 | 140 | 103 | 73 | 53 | 28 | 20 |
| -2.5° | 370 | 305 | 253 | 212 | 177 | 144 | 106 | 77 | 55 | 31 | 21 |
| -5° | 371 | 308 | 258 | 215 | 181 | 146 | 109 | 80 | 57 | 34 | 21 |
| -7.5° | 371 | 309 | 261 | 218 | 185 | 147 | 112 | 83 | 59 | 37 | 22 |
| -10° | 369 | 309 | 262 | 220 | 186 | 149 | 114 | 85 | 60 | 40 | 22 |
| -12.5° | 364 | 307 | 262 | 222 | 187 | 150 | 116 | 87 | 62 | 42 | 23 |
| -15° | 356 | 304 | 261 | 221 | 186 | 151 | 118 | 87 | 62 | 42 | 23 |
| -17.5° | 346 | 299 | 259 | 220 | 186 | 151 | 118 | 87 | 62 | 42 | 24 |
| -20° | 339 | 294 | 256 | 216 | 184 | 151 | 118 | 86 | 62 | 41 | 25 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627076 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| -22.5° | 330 | 289 | 251 | 213 | 183 | 150 | 117 | 84 | 61 | 41 | 25 |
| -25° | 320 | 282 | 245 | 211 | 181 | 148 | 115 | 81 | 60 | 40 | 25 |
| -27.5° | 310 | 275 | 239 | 208 | 177 | 145 | 111 | 79 | 58 | 39 | 25 |
| -30° | 301 | 268 | 234 | 203 | 172 | 141 | 105 | 77 | 57 | 38 | 25 |
| -32.5° | 292 | 260 | 228 | 197 | 167 | 136 | 100 | 74 | 55 | 38 | 24 |
| -35° | 282 | 251 | 220 | 190 | 161 | 130 | 96 | 70 | 53 | 37 | 24 |
| -37.5° | 271 | 242 | 211 | 182 | 155 | 124 | 94 | 69 | 51 | 35 | 23 |
| -40° | 260 | 231 | 202 | 176 | 149 | 117 | 91 | 68 | 49 | 33 | 22 |
| -42.5° | 248 | 221 | 194 | 169 | 142 | 113 | 87 | 66 | 47 | 31 | 21 |
| -45° | 237 | 211 | 186 | 161 | 135 | 108 | 83 | 62 | 44 | 30 | 20 |
| -47.5° | 225 | 200 | 175 | 150 | 128 | 102 | 78 | 59 | 40 | 29 | 20 |
| -50° | 212 | 187 | 162 | 140 | 118 | 95 | 73 | 54 | 39 | 27 | 19 |
| -52.5° | 198 | 172 | 151 | 131 | 109 | 86 | 67 | 49 | 37 | 26 | 18 |
| -55° | 181 | 159 | 140 | 120 | 99 | 79 | 61 | 46 | 34 | 25 | 17 |
| -57.5° | 169 | 149 | 129 | 110 | 90 | 71 | 55 | 43 | 32 | 23 | 16 |
| -60° | 157 | 137 | 118 | 98 | 79 | 64 | 51 | 40 | 30 | 22 | 15 |
| -62.5° | 142 | 123 | 104 | 86 | 70 | 57 | 46 | 36 | 27 | 20 | 14 |
| -65° | 124 | 106 | 89 | 74 | 62 | 51 | 42 | 33 | 25 | 18 | 13 |
| -67.5° | 105 | 90 | 76 | 63 | 53 | 45 | 37 | 29 | 22 | 16 | 12 |
| -70° | 89 | 76 | 64 | 54 | 46 | 39 | 32 | 25 | 19 | 14 | 10 |
| -72.5° | 74 | 64 | 54 | 46 | 39 | 33 | 26 | 21 | 16 | 12 | 9 |
| -75° | 61 | 53 | 45 | 38 | 32 | 26 | 22 | 17 | 13 | 10 | 8 |
| -77.5° | 49 | 42 | 35 | 30 | 26 | 21 | 17 | 13 | 11 | 9 | 7 |
| -80° | 37 | 32 | 27 | 23 | 20 | 16 | 13 | 11 | 9 | 8 | 6 |
| -82.5° | 26 | 23 | 20 | 17 | 15 | 12 | 10 | 9 | 7 | 6 | 5 |
| -85° | 17 | 15 | 13 | 11 | 10 | 9 | 7 | 6 | 5 | 4 | 3 |
| -87.5° | 8 | 7 | 6 | 6 | 5 | 4 | 4 | 3 | 3 | 2 | 2 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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REPORT NUMBER: P627076 (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 | 1 | 1 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 65° | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 62.5° | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 60° | 0 | 1 | 2 | 1 | 0 | 0 | 0 |
| 57.5° | 1 | 1 | 2 | 1 | 0 | 0 | 0 |
| 55° | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| 52.5° | 2 | 1 | 2 | 2 | 1 | 0 | 0 |
| 50° | 2 | 2 | 2 | 2 | 1 | 0 | 0 |
| 47.5° | 3 | 2 | 2 | 2 | 1 | 0 | 0 |
| 45° | 3 | 2 | 2 | 2 | 1 | 0 | 0 |
| 42.5° | 3 | 2 | 2 | 2 | 1 | 0 | 0 |
| 40° | 3 | 2 | 2 | 3 | 1 | 0 | 0 |
| 37.5° | 4 | 2 | 2 | 3 | 1 | 0 | 0 |
| 35° | 4 | 3 | 2 | 3 | 2 | 0 | 0 |
| 32.5° | 4 | 3 | 2 | 3 | 2 | 0 | 0 |
| 30° | 4 | 3 | 2 | 3 | 2 | 0 | 0 |
| 27.5° | 4 | 3 | 3 | 3 | 2 | 0 | 0 |
| 25° | 5 | 4 | 3 | 3 | 2 | 0 | 0 |
| 22.5° | 5 | 4 | 3 | 3 | 2 | 0 | 0 |
| 20° | 5 | 4 | 3 | 3 | 2 | 0 | 0 |
| 17.5° | 5 | 4 | 3 | 3 | 2 | 0 | 0 |
| 15° | 5 | 5 | 3 | 3 | 2 | 0 | 0 |
| 12.5° | 6 | 5 | 3 | 3 | 2 | 0 | 0 |
| 10° | 6 | 5 | 3 | 3 | 2 | 0 | 0 |
| 7.5° | 6 | 5 | 3 | 3 | 2 | 0 | 0 |
| 5° | 7 | 5 | 3 | 3 | 2 | 0 | 0 |
| 2.5° | 7 | 5 | 3 | 3 | 2 | 0 | 0 |
| 0° | 7 | 5 | 3 | 3 | 3 | 0 | 0 |
| -2.5° | 9 | 5 | 3 | 3 | 2 | 0 | 0 |
| -5° | 10 | 6 | 3 | 3 | 2 | 0 | 0 |
| -7.5° | 11 | 6 | 3 | 3 | 2 | 0 | 0 |
| -10° | 12 | 6 | 3 | 3 | 2 | 0 | 0 |
| -12.5° | 13 | 6 | 3 | 3 | 2 | 0 | 0 |
| -15° | 14 | 6 | 4 | 3 | 2 | 0 | 0 |
| -17.5° | 14 | 6 | 4 | 3 | 2 | 0 | 0 |
| -20° | 14 | 6 | 4 | 3 | 2 | 0 | 0 |

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CATALOG NUMBER: GFLD-SA3B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 14 | 6 | 4 | 3 | 2 | 0 | 0 |
| -25° | 14 | 7 | 4 | 3 | 2 | 0 | 0 |
| -27.5° | 14 | 7 | 4 | 3 | 2 | 1 | 0 |
| -30° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -32.5° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -35° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -37.5° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -40° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -42.5° | 14 | 8 | 4 | 3 | 2 | 1 | 0 |
| -45° | 13 | 8 | 4 | 3 | 2 | 1 | 0 |
| -47.5° | 13 | 8 | 5 | 3 | 2 | 1 | 0 |
| -50° | 13 | 8 | 5 | 3 | 2 | 1 | 0 |
| -52.5° | 12 | 8 | 5 | 3 | 2 | 1 | 0 |
| -55° | 12 | 7 | 5 | 3 | 2 | 1 | 0 |
| -57.5° | 11 | 7 | 4 | 3 | 2 | 1 | 0 |
| -60° | 10 | 7 | 4 | 3 | 2 | 1 | 0 |
| -62.5° | 10 | 6 | 4 | 3 | 2 | 1 | 0 |
| -65° | 9 | 6 | 4 | 3 | 2 | 0 | 0 |
| -67.5° | 8 | 6 | 4 | 3 | 2 | 0 | 0 |
| -70° | 7 | 5 | 4 | 3 | 2 | 0 | 0 |
| -72.5° | 7 | 5 | 4 | 3 | 1 | 0 | 0 |
| -75° | 6 | 5 | 4 | 2 | 1 | 0 | 0 |
| -77.5° | 6 | 4 | 3 | 2 | 1 | 0 | 0 |
| -80° | 5 | 4 | 3 | 2 | 1 | 0 | 0 |
| -82.5° | 4 | 3 | 2 | 1 | 1 | 0 | 0 |
| -85° | 3 | 2 | 1 | 1 | 0 | 0 | 0 |
| -87.5° | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)