

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: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627994 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-735-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47301 lumens
Efficiency: N/A
Efficacy: 125.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 166774.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 23651 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 40640.4 lumens
Field Efficiency: 85.9%

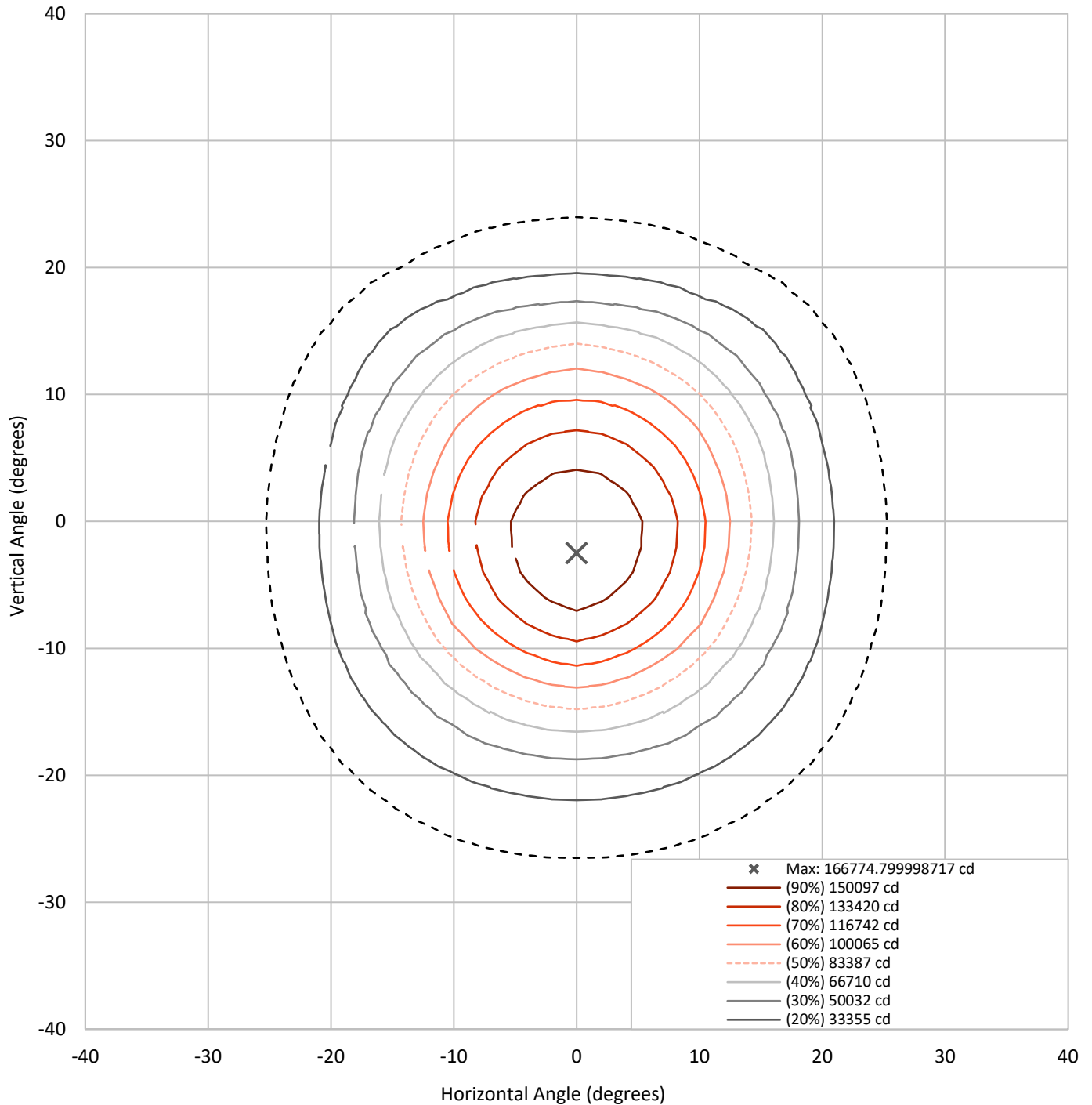
Input Watts (W): 376.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

Iso-Candela Plot





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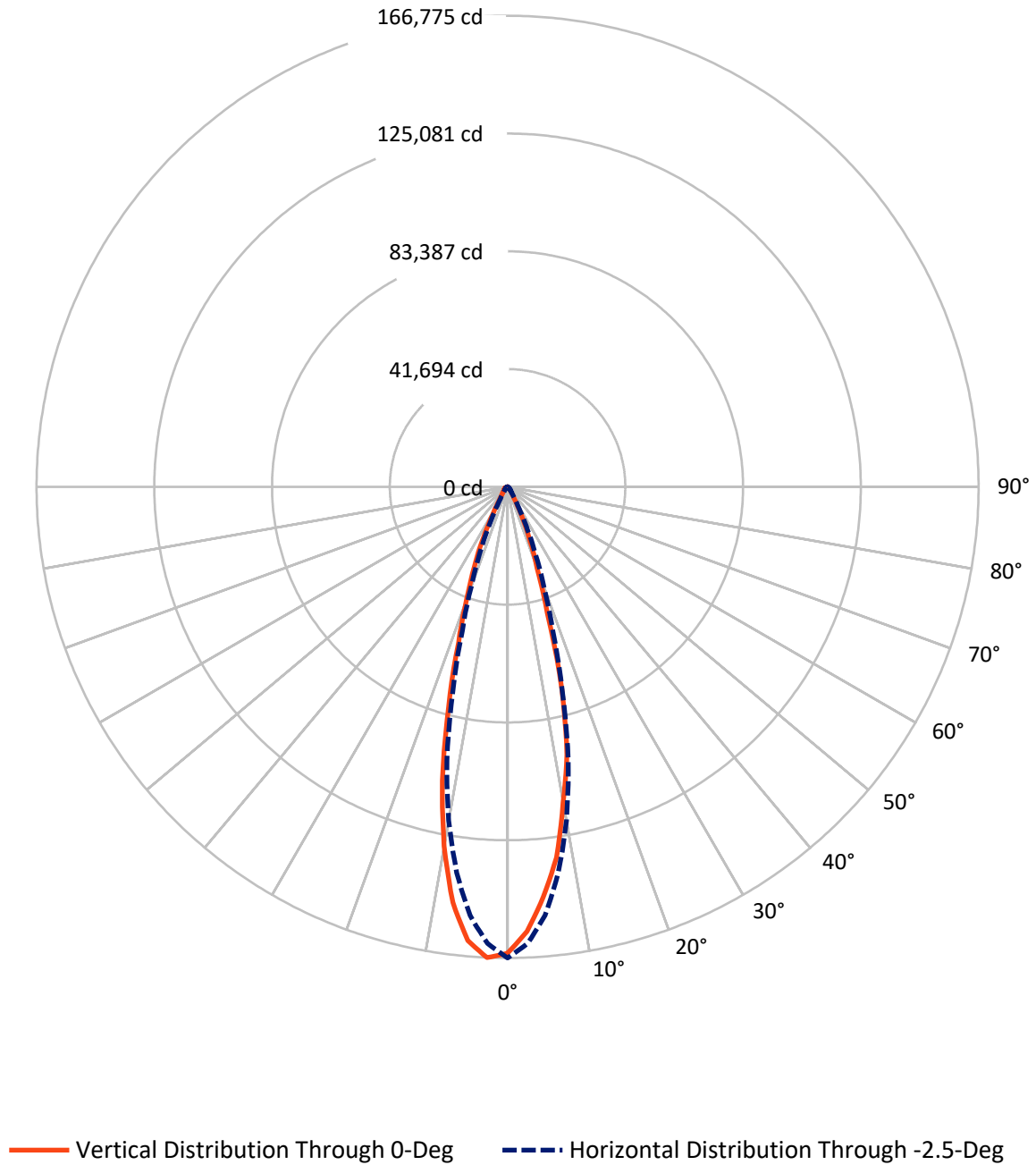
CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

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 | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 50 | | 0.1 | 0.3 | 1.3 | 3.2 | 5.4 | 7.5 | 8.9 | 8.9 | 7.5 | 5.4 | 3.2 | 1.3 | 0.3 | 0.1 | | | | |
| 40 | 0.1 | 0.2 | 1.6 | 5.1 | 9.9 | 15.3 | 21.5 | 25.2 | 25.2 | 21.5 | 15.3 | 9.9 | 5.1 | 1.6 | 0.2 | 0.1 | | | |
| 30 | | 0.7 | 4.0 | 10.1 | 18.6 | 30.6 | 51.0 | 68.0 | 68.0 | 51.0 | 30.6 | 18.6 | 10.1 | 4.0 | 0.7 | | | | |
| 20 | 0.3 | 1.5 | 6.4 | 15.4 | 29.4 | 71.5 | 224.5 | 411.7 | 411.7 | 224.5 | 71.5 | 29.4 | 15.4 | 6.4 | 1.5 | 0.3 | | | |
| 10 | | 2.3 | 8.8 | 21.0 | 50.3 | 246.4 | 1001.7 | 1961.4 | 1961.4 | 1001.7 | 246.4 | 50.3 | 21.0 | 8.8 | 2.3 | | | | |
| 0 | 0.7 | 3.0 | 10.7 | 25.0 | 72.2 | 469.5 | 2022.6 | 3964.5 | 3964.5 | 2022.6 | 469.5 | 72.2 | 25.0 | 10.7 | 3.0 | 0.7 | | | |
| -10 | | 3.4 | 11.6 | 26.4 | 77.1 | 491.9 | 2075.4 | 4203.8 | 4203.8 | 2075.4 | 491.9 | 77.1 | 26.4 | 11.6 | 3.4 | | | | |
| -20 | 0.9 | 3.6 | 11.9 | 25.7 | 63.5 | 302.1 | 1147.7 | 2224.6 | 2224.6 | 1147.7 | 302.1 | 63.5 | 25.7 | 11.9 | 3.6 | 0.9 | | | |
| -30 | | 3.5 | 11.3 | 23.6 | 46.5 | 117.3 | 355.4 | 634.1 | 634.1 | 355.4 | 117.3 | 46.5 | 23.6 | 11.3 | 3.5 | | | | |
| -40 | 0.9 | 3.1 | 10.1 | 20.4 | 35.3 | 57.9 | 94.5 | 126.4 | 126.4 | 94.5 | 57.9 | 35.3 | 20.4 | 10.1 | 3.1 | 0.9 | | | |
| -50 | | 2.6 | 8.3 | 16.9 | 27.9 | 39.9 | 52.5 | 58.9 | 58.9 | 52.5 | 39.9 | 27.9 | 16.9 | 8.3 | 2.6 | | | | |
| -60 | 0.5 | 2.0 | 6.3 | 13.2 | 21.8 | 30.3 | 37.9 | 41.2 | 41.2 | 37.9 | 30.3 | 21.8 | 13.2 | 6.3 | 2.0 | 0.5 | | | |
| -70 | | 1.2 | 3.9 | 8.6 | 14.5 | 20.6 | 25.9 | 28.6 | 28.6 | 25.9 | 20.6 | 14.5 | 8.6 | 3.9 | 1.2 | | | | |
| -80 | 0.2 | 3.1 | 14.0 | 30.2 | 38.1 | 30.2 | 14.0 | 3.1 | 0.2 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

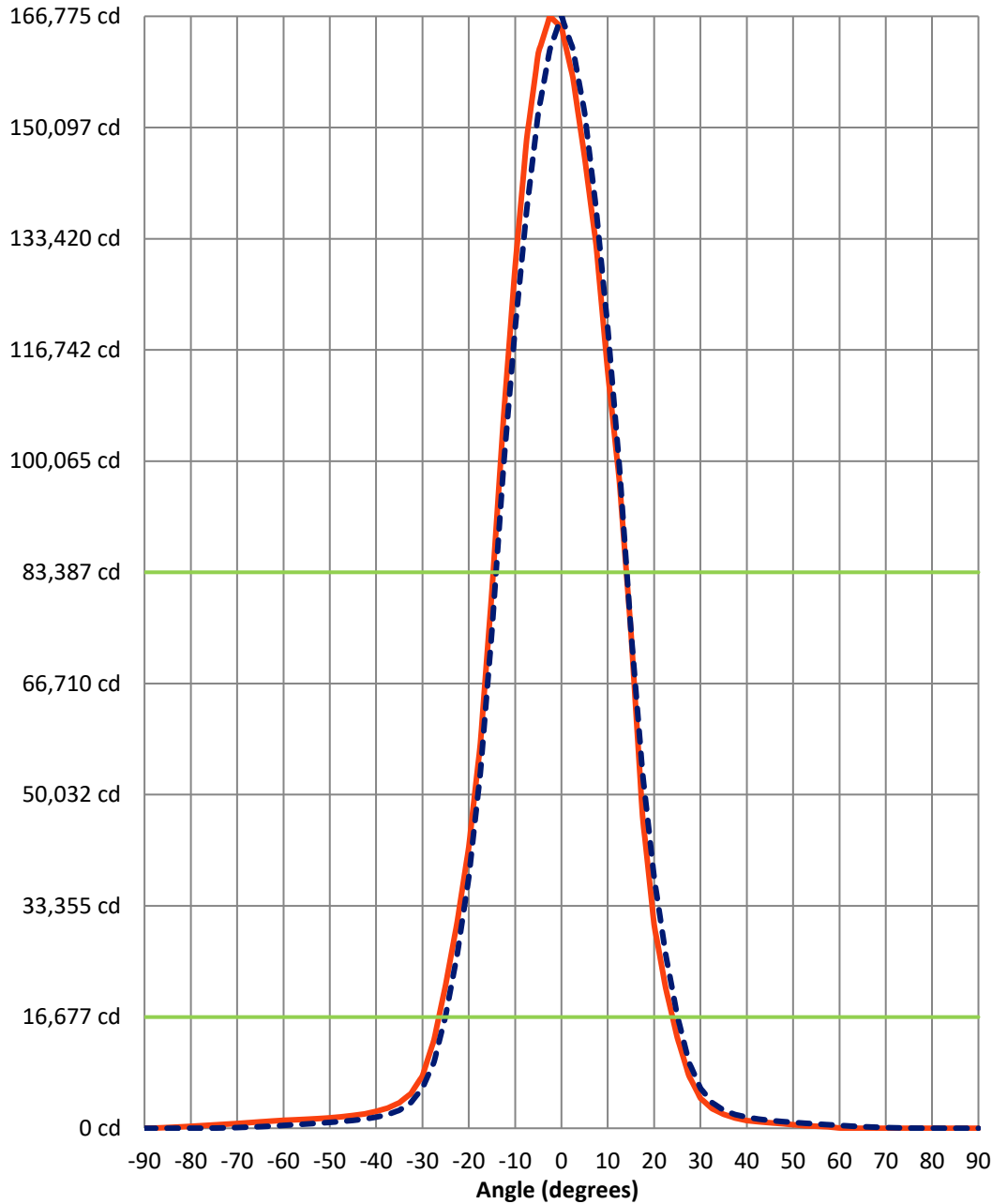
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CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 23651
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 40640.4
 Efficiency: 85.9%

Spill:
 Lumens: 6660.6
 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 | 1 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 4 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 7 | 4 |
| 52.5° | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 8 | 7 | 5 |
| 50° | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 6 | 10 | 8 | 7 |
| 47.5° | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 8 | 10 | 8 | 9 |
| 45° | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 10 | 11 | 9 | 10 |
| 42.5° | 0 | 0 | 0 | 0 | 0 | 5 | 7 | 11 | 11 | 10 | 17 |
| 40° | 0 | 0 | 0 | 0 | 1 | 6 | 8 | 11 | 11 | 11 | 25 |
| 37.5° | 0 | 0 | 0 | 0 | 2 | 7 | 9 | 11 | 13 | 15 | 35 |
| 35° | 0 | 0 | 0 | 0 | 3 | 8 | 10 | 11 | 16 | 25 | 45 |
| 32.5° | 0 | 0 | 0 | 0 | 4 | 9 | 11 | 11 | 19 | 35 | 57 |
| 30° | 0 | 0 | 0 | 0 | 5 | 10 | 11 | 11 | 24 | 44 | 70 |
| 27.5° | 0 | 0 | 0 | 0 | 6 | 10 | 11 | 14 | 30 | 53 | 84 |
| 25° | 0 | 0 | 0 | 0 | 7 | 10 | 11 | 18 | 37 | 64 | 98 |
| 22.5° | 0 | 0 | 0 | 0 | 7 | 11 | 11 | 22 | 44 | 75 | 117 |
| 20° | 0 | 0 | 0 | 0 | 8 | 11 | 11 | 26 | 51 | 87 | 135 |
| 17.5° | 0 | 0 | 0 | 0 | 9 | 11 | 11 | 31 | 57 | 99 | 151 |
| 15° | 0 | 0 | 0 | 0 | 9 | 11 | 12 | 35 | 63 | 110 | 166 |
| 12.5° | 0 | 0 | 0 | 0 | 9 | 11 | 14 | 41 | 69 | 122 | 179 |
| 10° | 0 | 0 | 0 | 0 | 10 | 11 | 15 | 46 | 75 | 133 | 192 |
| 7.5° | 0 | 0 | 0 | 0 | 10 | 11 | 16 | 51 | 81 | 143 | 203 |
| 5° | 0 | 0 | 0 | 0 | 10 | 11 | 18 | 55 | 86 | 152 | 214 |
| 2.5° | 0 | 0 | 0 | 0 | 10 | 11 | 20 | 59 | 90 | 161 | 223 |
| 0° | 0 | 0 | 0 | 0 | 11 | 11 | 21 | 63 | 94 | 168 | 231 |
| -2.5° | 0 | 0 | 0 | 1 | 10 | 12 | 25 | 64 | 104 | 174 | 238 |
| -5° | 0 | 0 | 0 | 1 | 10 | 13 | 29 | 65 | 112 | 179 | 243 |
| -7.5° | 0 | 0 | 0 | 2 | 10 | 14 | 33 | 66 | 119 | 183 | 247 |
| -10° | 0 | 0 | 0 | 3 | 10 | 15 | 36 | 66 | 125 | 186 | 250 |
| -12.5° | 0 | 0 | 0 | 3 | 10 | 16 | 38 | 67 | 128 | 189 | 255 |
| -15° | 0 | 0 | 0 | 4 | 10 | 16 | 40 | 67 | 129 | 191 | 260 |
| -17.5° | 0 | 0 | 0 | 4 | 10 | 17 | 42 | 70 | 128 | 192 | 263 |
| -20° | 0 | 0 | 0 | 4 | 10 | 17 | 42 | 73 | 126 | 192 | 262 |

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CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0 | 0 | 0 | 5 | 10 | 17 | 43 | 76 | 123 | 189 | 259 |
| -25° | 0 | 0 | 0 | 5 | 10 | 18 | 44 | 77 | 120 | 185 | 252 |
| -27.5° | 0 | 0 | 0 | 5 | 10 | 19 | 44 | 78 | 116 | 180 | 247 |
| -30° | 0 | 0 | 0 | 5 | 11 | 20 | 43 | 79 | 115 | 174 | 239 |
| -32.5° | 0 | 0 | 0 | 4 | 12 | 21 | 42 | 78 | 115 | 168 | 229 |
| -35° | 0 | 0 | 0 | 4 | 13 | 21 | 43 | 76 | 113 | 161 | 217 |
| -37.5° | 0 | 0 | 0 | 4 | 13 | 22 | 43 | 74 | 111 | 154 | 212 |
| -40° | 0 | 0 | 0 | 3 | 14 | 22 | 42 | 72 | 107 | 149 | 206 |
| -42.5° | 0 | 0 | 0 | 2 | 14 | 23 | 41 | 69 | 103 | 145 | 199 |
| -45° | 0 | 0 | 0 | 2 | 13 | 23 | 39 | 66 | 99 | 138 | 189 |
| -47.5° | 0 | 0 | 0 | 1 | 12 | 23 | 37 | 63 | 95 | 130 | 179 |
| -50° | 0 | 0 | 0 | 2 | 12 | 22 | 36 | 60 | 90 | 123 | 167 |
| -52.5° | 0 | 0 | 0 | 2 | 11 | 21 | 34 | 55 | 84 | 116 | 153 |
| -55° | 0 | 0 | 0 | 2 | 10 | 20 | 32 | 50 | 77 | 106 | 142 |
| -57.5° | 0 | 0 | 0 | 2 | 9 | 19 | 30 | 46 | 69 | 97 | 129 |
| -60° | 0 | 0 | 0 | 2 | 8 | 17 | 27 | 42 | 62 | 87 | 116 |
| -62.5° | 0 | 0 | 0 | 2 | 8 | 16 | 25 | 38 | 56 | 77 | 104 |
| -65° | 0 | 0 | 0 | 2 | 7 | 14 | 24 | 33 | 50 | 68 | 90 |
| -67.5° | 0 | 0 | 0 | 2 | 7 | 13 | 22 | 31 | 43 | 60 | 79 |
| -70° | 0 | 0 | 0 | 2 | 6 | 12 | 20 | 28 | 38 | 51 | 69 |
| -72.5° | 0 | 0 | 0 | 2 | 6 | 11 | 18 | 24 | 32 | 43 | 57 |
| -75° | 0 | 0 | 0 | 2 | 5 | 10 | 15 | 20 | 26 | 35 | 46 |
| -77.5° | 0 | 0 | 0 | 2 | 4 | 8 | 13 | 17 | 21 | 27 | 34 |
| -80° | 0 | 0 | 0 | 1 | 4 | 7 | 11 | 13 | 16 | 20 | 25 |
| -82.5° | 0 | 0 | 0 | 1 | 3 | 5 | 8 | 9 | 11 | 13 | 16 |
| -85° | 0 | 0 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 |
| -87.5° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 4 | 4 | 4 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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 CATALOG NUMBER: GFLD-SA6E-735-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 | 2 | 2 | 1 | 3 | 4 |
| 60° | 1 | 0 | 1 | 3 | 2 | 5 | 6 | 8 | 10 | 10 | 21 |
| 57.5° | 1 | 2 | 5 | 6 | 7 | 12 | 17 | 20 | 33 | 48 | 58 |
| 55° | 3 | 7 | 8 | 9 | 15 | 25 | 34 | 52 | 70 | 92 | 111 |
| 52.5° | 7 | 11 | 10 | 16 | 31 | 46 | 67 | 92 | 119 | 140 | 158 |
| 50° | 10 | 12 | 14 | 34 | 52 | 76 | 109 | 143 | 167 | 187 | 217 |
| 47.5° | 14 | 16 | 32 | 54 | 81 | 117 | 159 | 188 | 212 | 250 | 293 |
| 45° | 20 | 30 | 51 | 80 | 116 | 165 | 202 | 230 | 271 | 316 | 360 |
| 42.5° | 28 | 47 | 75 | 105 | 161 | 209 | 244 | 284 | 328 | 378 | 427 |
| 40° | 41 | 63 | 100 | 148 | 205 | 251 | 296 | 341 | 386 | 445 | 496 |
| 37.5° | 54 | 87 | 129 | 188 | 246 | 297 | 349 | 399 | 456 | 517 | 576 |
| 35° | 66 | 111 | 163 | 224 | 284 | 346 | 402 | 461 | 530 | 598 | 666 |
| 32.5° | 84 | 136 | 194 | 259 | 324 | 392 | 455 | 531 | 603 | 676 | 760 |
| 30° | 107 | 162 | 223 | 294 | 362 | 434 | 515 | 598 | 670 | 753 | 843 |
| 27.5° | 131 | 186 | 253 | 326 | 397 | 475 | 572 | 656 | 735 | 824 | 922 |
| 25° | 153 | 212 | 282 | 356 | 433 | 523 | 627 | 713 | 795 | 894 | 1010 |
| 22.5° | 174 | 237 | 314 | 382 | 468 | 572 | 678 | 774 | 868 | 965 | 1101 |
| 20° | 195 | 264 | 344 | 418 | 502 | 618 | 729 | 837 | 946 | 1069 | 1221 |
| 17.5° | 215 | 290 | 373 | 456 | 549 | 664 | 781 | 901 | 1022 | 1173 | 1362 |
| 15° | 234 | 314 | 402 | 492 | 592 | 709 | 832 | 964 | 1106 | 1281 | 1497 |
| 12.5° | 251 | 335 | 430 | 525 | 630 | 750 | 877 | 1015 | 1179 | 1390 | 1657 |
| 10° | 267 | 354 | 456 | 555 | 663 | 787 | 917 | 1060 | 1237 | 1464 | 1777 |
| 7.5° | 282 | 373 | 481 | 582 | 691 | 819 | 951 | 1098 | 1285 | 1525 | 1873 |
| 5° | 295 | 391 | 499 | 602 | 714 | 844 | 978 | 1131 | 1323 | 1575 | 1950 |
| 2.5° | 306 | 407 | 513 | 617 | 732 | 860 | 996 | 1152 | 1349 | 1621 | 2009 |
| 0° | 315 | 420 | 525 | 630 | 746 | 872 | 1008 | 1166 | 1365 | 1659 | 2048 |
| -2.5° | 325 | 434 | 537 | 643 | 760 | 883 | 1020 | 1178 | 1383 | 1670 | 2057 |
| -5° | 333 | 445 | 546 | 653 | 770 | 889 | 1026 | 1183 | 1392 | 1672 | 2062 |
| -7.5° | 338 | 452 | 553 | 660 | 778 | 896 | 1031 | 1189 | 1397 | 1669 | 2060 |
| -10° | 342 | 457 | 559 | 666 | 784 | 902 | 1032 | 1187 | 1390 | 1651 | 2026 |
| -12.5° | 348 | 459 | 561 | 669 | 786 | 903 | 1028 | 1177 | 1370 | 1619 | 1961 |
| -15° | 352 | 459 | 562 | 667 | 785 | 902 | 1020 | 1158 | 1339 | 1578 | 1876 |
| -17.5° | 354 | 457 | 559 | 662 | 779 | 897 | 1008 | 1141 | 1310 | 1534 | 1817 |
| -20° | 354 | 455 | 554 | 652 | 769 | 886 | 997 | 1126 | 1283 | 1481 | 1736 |

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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° | 351 | 451 | 546 | 643 | 755 | 870 | 983 | 1104 | 1249 | 1416 | 1645 |
| -25° | 346 | 446 | 539 | 634 | 739 | 849 | 962 | 1074 | 1213 | 1372 | 1567 |
| -27.5° | 337 | 438 | 530 | 623 | 721 | 826 | 936 | 1047 | 1173 | 1319 | 1487 |
| -30° | 324 | 425 | 516 | 609 | 705 | 804 | 905 | 1016 | 1129 | 1265 | 1418 |
| -32.5° | 309 | 410 | 500 | 591 | 686 | 781 | 873 | 979 | 1090 | 1206 | 1344 |
| -35° | 296 | 391 | 481 | 569 | 665 | 756 | 843 | 936 | 1044 | 1154 | 1270 |
| -37.5° | 286 | 372 | 462 | 545 | 636 | 726 | 809 | 896 | 993 | 1100 | 1205 |
| -40° | 275 | 352 | 440 | 522 | 603 | 694 | 776 | 854 | 941 | 1045 | 1146 |
| -42.5° | 263 | 337 | 417 | 498 | 576 | 657 | 742 | 816 | 898 | 993 | 1089 |
| -45° | 252 | 322 | 395 | 472 | 550 | 623 | 701 | 780 | 860 | 944 | 1034 |
| -47.5° | 238 | 304 | 375 | 444 | 520 | 594 | 662 | 739 | 820 | 899 | 979 |
| -50° | 222 | 286 | 351 | 415 | 486 | 561 | 632 | 697 | 771 | 850 | 927 |
| -52.5° | 205 | 265 | 325 | 384 | 450 | 520 | 593 | 660 | 724 | 792 | 866 |
| -55° | 185 | 240 | 297 | 353 | 412 | 477 | 546 | 614 | 681 | 742 | 807 |
| -57.5° | 167 | 213 | 268 | 322 | 376 | 431 | 497 | 562 | 626 | 689 | 753 |
| -60° | 150 | 189 | 236 | 288 | 341 | 393 | 448 | 509 | 570 | 629 | 688 |
| -62.5° | 132 | 167 | 206 | 251 | 301 | 352 | 403 | 456 | 512 | 562 | 613 |
| -65° | 117 | 145 | 179 | 217 | 258 | 304 | 352 | 402 | 452 | 494 | 534 |
| -67.5° | 100 | 124 | 152 | 183 | 219 | 257 | 295 | 339 | 385 | 424 | 460 |
| -70° | 86 | 103 | 126 | 152 | 181 | 212 | 246 | 281 | 316 | 350 | 385 |
| -72.5° | 72 | 87 | 104 | 121 | 146 | 174 | 202 | 229 | 258 | 288 | 318 |
| -75° | 59 | 71 | 84 | 99 | 117 | 139 | 162 | 187 | 211 | 234 | 258 |
| -77.5° | 45 | 56 | 67 | 78 | 91 | 108 | 126 | 145 | 165 | 184 | 204 |
| -80° | 32 | 41 | 51 | 61 | 70 | 80 | 92 | 105 | 119 | 134 | 150 |
| -82.5° | 22 | 28 | 36 | 43 | 49 | 55 | 61 | 69 | 79 | 90 | 101 |
| -85° | 12 | 16 | 20 | 25 | 28 | 31 | 35 | 38 | 45 | 51 | 58 |
| -87.5° | 6 | 8 | 10 | 12 | 13 | 13 | 14 | 15 | 17 | 20 | 23 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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CATALOG NUMBER: GFLD-SA6E-735-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 | 2 | 3 | 2 | 1 | 0 | 0 |
| 62.5° | 3 | 5 | 8 | 11 | 12 | 13 | 14 | 14 | 14 | 14 | 14 |
| 60° | 27 | 26 | 40 | 48 | 46 | 36 | 52 | 59 | 57 | 49 | 48 |
| 57.5° | 74 | 92 | 106 | 110 | 124 | 146 | 153 | 150 | 152 | 159 | 179 |
| 55° | 129 | 143 | 154 | 175 | 196 | 216 | 232 | 243 | 255 | 269 | 285 |
| 52.5° | 176 | 200 | 217 | 239 | 267 | 284 | 292 | 321 | 346 | 366 | 378 |
| 50° | 250 | 275 | 303 | 332 | 359 | 384 | 405 | 435 | 469 | 505 | 527 |
| 47.5° | 328 | 360 | 396 | 438 | 469 | 493 | 520 | 560 | 607 | 650 | 676 |
| 45° | 401 | 438 | 482 | 523 | 558 | 592 | 633 | 682 | 730 | 773 | 806 |
| 42.5° | 466 | 508 | 555 | 602 | 633 | 685 | 742 | 792 | 852 | 907 | 948 |
| 40° | 541 | 582 | 651 | 699 | 741 | 796 | 880 | 953 | 1024 | 1091 | 1133 |
| 37.5° | 632 | 702 | 775 | 834 | 890 | 959 | 1075 | 1188 | 1277 | 1367 | 1430 |
| 35° | 740 | 823 | 915 | 979 | 1063 | 1192 | 1336 | 1491 | 1648 | 1774 | 1886 |
| 32.5° | 842 | 935 | 1028 | 1131 | 1258 | 1441 | 1622 | 1872 | 2103 | 2341 | 2564 |
| 30° | 935 | 1038 | 1152 | 1284 | 1490 | 1745 | 2038 | 2421 | 2836 | 3250 | 3723 |
| 27.5° | 1032 | 1146 | 1282 | 1492 | 1804 | 2151 | 2692 | 3295 | 4155 | 4847 | 5961 |
| 25° | 1138 | 1267 | 1451 | 1786 | 2218 | 2828 | 3773 | 4848 | 6627 | 8146 | 9859 |
| 22.5° | 1266 | 1464 | 1726 | 2145 | 2866 | 3963 | 5433 | 7777 | 10508 | 13044 | 15462 |
| 20° | 1424 | 1693 | 2140 | 2808 | 3841 | 5529 | 8317 | 11872 | 15669 | 19380 | 22969 |
| 17.5° | 1633 | 2059 | 2698 | 3649 | 5114 | 8662 | 12811 | 17890 | 24392 | 29276 | 33906 |
| 15° | 1824 | 2362 | 3328 | 4868 | 7624 | 12192 | 17989 | 25767 | 34521 | 41881 | 50206 |
| 12.5° | 2049 | 2700 | 3864 | 5861 | 9801 | 15838 | 23229 | 32505 | 42864 | 54036 | 67077 |
| 10° | 2245 | 3046 | 4544 | 7292 | 12072 | 19097 | 27380 | 38268 | 51574 | 67382 | 83864 |
| 7.5° | 2397 | 3335 | 5111 | 8366 | 13984 | 21771 | 31651 | 44894 | 61746 | 80222 | 99018 |
| 5° | 2515 | 3558 | 5557 | 9207 | 15611 | 23942 | 34769 | 50136 | 69345 | 90551 | 109242 |
| 2.5° | 2606 | 3715 | 5853 | 9724 | 16711 | 25424 | 36900 | 52922 | 73994 | 97295 | 116920 |
| 0° | 2678 | 3812 | 6017 | 10091 | 17221 | 26126 | 37887 | 54048 | 76173 | 100598 | 120781 |
| -2.5° | 2702 | 3862 | 6025 | 9964 | 16910 | 26083 | 37657 | 53358 | 74670 | 99286 | 119961 |
| -5° | 2712 | 3836 | 5873 | 9699 | 16360 | 25148 | 36149 | 50736 | 70080 | 93169 | 114122 |
| -7.5° | 2692 | 3734 | 5565 | 9050 | 15123 | 23496 | 34043 | 46848 | 62703 | 83061 | 104716 |
| -10° | 2619 | 3554 | 5148 | 8167 | 13419 | 20919 | 30765 | 41584 | 54250 | 70869 | 88418 |
| -12.5° | 2488 | 3287 | 4572 | 6847 | 11414 | 18001 | 26721 | 36285 | 46156 | 57078 | 71512 |
| -15° | 2331 | 3012 | 4102 | 6047 | 9557 | 14937 | 21999 | 30076 | 38268 | 46632 | 55437 |
| -17.5° | 2212 | 2774 | 3620 | 4977 | 7338 | 11688 | 17334 | 23826 | 30472 | 37114 | 43043 |
| -20° | 2061 | 2490 | 3151 | 4206 | 5920 | 8494 | 12741 | 17792 | 22758 | 28174 | 32719 |

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

Scaled Data Report



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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° | 1926 | 2290 | 2785 | 3450 | 4603 | 6415 | 8836 | 12391 | 16165 | 20099 | 23830 |
| -25° | 1798 | 2074 | 2466 | 3000 | 3689 | 4767 | 6366 | 8224 | 10873 | 13292 | 16064 |
| -27.5° | 1690 | 1921 | 2188 | 2583 | 3105 | 3695 | 4677 | 5762 | 7150 | 8304 | 10154 |
| -30° | 1587 | 1772 | 1991 | 2245 | 2628 | 3077 | 3604 | 4262 | 4941 | 5623 | 6509 |
| -32.5° | 1490 | 1645 | 1817 | 2023 | 2259 | 2596 | 2924 | 3345 | 3717 | 4127 | 4549 |
| -35° | 1395 | 1532 | 1675 | 1837 | 2019 | 2241 | 2487 | 2766 | 3014 | 3260 | 3482 |
| -37.5° | 1313 | 1428 | 1552 | 1681 | 1827 | 1981 | 2174 | 2371 | 2537 | 2698 | 2835 |
| -40° | 1244 | 1340 | 1443 | 1550 | 1667 | 1791 | 1942 | 2086 | 2199 | 2303 | 2390 |
| -42.5° | 1181 | 1266 | 1346 | 1437 | 1534 | 1649 | 1765 | 1876 | 1953 | 2025 | 2083 |
| -45° | 1121 | 1194 | 1268 | 1342 | 1422 | 1522 | 1622 | 1708 | 1769 | 1823 | 1865 |
| -47.5° | 1056 | 1123 | 1190 | 1258 | 1335 | 1414 | 1495 | 1559 | 1613 | 1659 | 1690 |
| -50° | 994 | 1060 | 1120 | 1176 | 1245 | 1315 | 1385 | 1440 | 1487 | 1528 | 1549 |
| -52.5° | 934 | 996 | 1056 | 1115 | 1170 | 1226 | 1280 | 1332 | 1380 | 1422 | 1438 |
| -55° | 874 | 935 | 990 | 1044 | 1098 | 1150 | 1200 | 1245 | 1288 | 1328 | 1341 |
| -57.5° | 815 | 878 | 935 | 979 | 1025 | 1072 | 1120 | 1164 | 1206 | 1242 | 1255 |
| -60° | 749 | 812 | 862 | 905 | 949 | 994 | 1035 | 1075 | 1116 | 1151 | 1167 |
| -62.5° | 670 | 727 | 773 | 814 | 855 | 894 | 931 | 968 | 1004 | 1034 | 1050 |
| -65° | 576 | 625 | 670 | 711 | 748 | 783 | 818 | 851 | 881 | 904 | 918 |
| -67.5° | 495 | 531 | 569 | 606 | 643 | 678 | 709 | 738 | 765 | 785 | 797 |
| -70° | 418 | 450 | 484 | 517 | 550 | 581 | 608 | 634 | 658 | 676 | 689 |
| -72.5° | 346 | 375 | 406 | 436 | 465 | 491 | 514 | 537 | 559 | 574 | 586 |
| -75° | 282 | 306 | 332 | 357 | 382 | 404 | 423 | 441 | 459 | 472 | 483 |
| -77.5° | 224 | 242 | 261 | 280 | 299 | 316 | 332 | 347 | 361 | 371 | 381 |
| -80° | 166 | 181 | 195 | 209 | 223 | 235 | 247 | 258 | 270 | 279 | 288 |
| -82.5° | 112 | 123 | 135 | 146 | 157 | 164 | 170 | 176 | 181 | 189 | 196 |
| -85° | 65 | 72 | 79 | 86 | 93 | 98 | 102 | 106 | 110 | 115 | 118 |
| -87.5° | 26 | 29 | 32 | 35 | 38 | 39 | 39 | 40 | 41 | 44 | 47 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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 | 1 | 2 |
| 62.5° | 13 | 11 | 10 | 11 | 10 | 11 | 13 | 14 | 14 | 14 | 14 |
| 60° | 46 | 42 | 42 | 42 | 42 | 42 | 46 | 48 | 49 | 57 | 59 |
| 57.5° | 196 | 210 | 218 | 221 | 218 | 210 | 196 | 179 | 159 | 152 | 150 |
| 55° | 298 | 308 | 310 | 305 | 310 | 308 | 298 | 285 | 269 | 255 | 243 |
| 52.5° | 385 | 386 | 383 | 378 | 383 | 386 | 385 | 378 | 366 | 346 | 321 |
| 50° | 534 | 532 | 533 | 536 | 533 | 532 | 534 | 527 | 505 | 469 | 435 |
| 47.5° | 687 | 694 | 697 | 693 | 697 | 694 | 687 | 676 | 650 | 607 | 560 |
| 45° | 820 | 831 | 834 | 830 | 834 | 831 | 820 | 806 | 773 | 730 | 682 |
| 42.5° | 964 | 971 | 973 | 977 | 973 | 971 | 964 | 948 | 907 | 852 | 792 |
| 40° | 1153 | 1160 | 1158 | 1155 | 1158 | 1160 | 1153 | 1133 | 1091 | 1024 | 953 |
| 37.5° | 1473 | 1495 | 1506 | 1533 | 1506 | 1495 | 1473 | 1430 | 1367 | 1277 | 1188 |
| 35° | 1972 | 2027 | 2055 | 2100 | 2055 | 2027 | 1972 | 1886 | 1774 | 1648 | 1491 |
| 32.5° | 2725 | 2835 | 2892 | 2951 | 2892 | 2835 | 2725 | 2564 | 2341 | 2103 | 1872 |
| 30° | 4050 | 4267 | 4354 | 4515 | 4354 | 4267 | 4050 | 3723 | 3250 | 2836 | 2421 |
| 27.5° | 6779 | 7293 | 7495 | 7918 | 7495 | 7293 | 6779 | 5961 | 4847 | 4155 | 3295 |
| 25° | 11419 | 12526 | 13137 | 13620 | 13137 | 12526 | 11419 | 9859 | 8146 | 6627 | 4848 |
| 22.5° | 17903 | 19526 | 20393 | 21033 | 20393 | 19526 | 17903 | 15462 | 13044 | 10508 | 7777 |
| 20° | 26222 | 28363 | 29641 | 30568 | 29641 | 28363 | 26222 | 22969 | 19380 | 15669 | 11872 |
| 17.5° | 39852 | 43217 | 45185 | 46876 | 45185 | 43217 | 39852 | 33906 | 29276 | 24392 | 17890 |
| 15° | 59495 | 66258 | 71513 | 74441 | 71513 | 66258 | 59495 | 50206 | 41881 | 34521 | 25767 |
| 12.5° | 78604 | 88509 | 94394 | 97102 | 94394 | 88509 | 78604 | 67077 | 54036 | 42864 | 32505 |
| 10° | 97502 | 106842 | 112441 | 113430 | 112441 | 106842 | 97502 | 83864 | 67382 | 51574 | 38268 |
| 7.5° | 111970 | 122241 | 129682 | 132384 | 129682 | 122241 | 111970 | 99018 | 80222 | 61746 | 44894 |
| 5° | 124749 | 136775 | 144649 | 145647 | 144649 | 136775 | 124749 | 109242 | 90551 | 69345 | 50136 |
| 2.5° | 134148 | 147223 | 154857 | 157482 | 154857 | 147223 | 134148 | 116920 | 97295 | 73994 | 52922 |
| 0° | 138695 | 152777 | 161272 | 165095 | 161272 | 152777 | 138695 | 120781 | 100598 | 76173 | 54048 |
| -2.5° | 137739 | 152303 | 161785 | 166775 | 161785 | 152303 | 137739 | 119961 | 99286 | 74670 | 53358 |
| -5° | 132502 | 147109 | 155950 | 161251 | 155950 | 147109 | 132502 | 114122 | 93169 | 70080 | 50736 |
| -7.5° | 120424 | 134084 | 143496 | 148388 | 143496 | 134084 | 120424 | 104716 | 83061 | 62703 | 46848 |
| -10° | 104862 | 116423 | 125002 | 129171 | 125002 | 116423 | 104862 | 88418 | 70869 | 54250 | 41584 |
| -12.5° | 84640 | 95854 | 103594 | 106542 | 103594 | 95854 | 84640 | 71512 | 57078 | 46156 | 36285 |
| -15° | 64849 | 73408 | 78906 | 80647 | 78906 | 73408 | 64849 | 55437 | 46632 | 38268 | 30076 |
| -17.5° | 49179 | 53787 | 56879 | 57713 | 56879 | 53787 | 49179 | 43043 | 37114 | 30472 | 23826 |
| -20° | 36844 | 39700 | 41707 | 42182 | 41707 | 39700 | 36844 | 32719 | 28174 | 22758 | 17792 |

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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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° | 26845 | 28992 | 30613 | 30936 | 30613 | 28992 | 26845 | 23830 | 20099 | 16165 | 12391 |
| -25° | 18518 | 20313 | 21412 | 21495 | 21412 | 20313 | 18518 | 16064 | 13292 | 10873 | 8224 |
| -27.5° | 11610 | 12595 | 13104 | 13284 | 13104 | 12595 | 11610 | 10154 | 8304 | 7150 | 5762 |
| -30° | 7174 | 7629 | 7868 | 7876 | 7868 | 7629 | 7174 | 6509 | 5623 | 4941 | 4262 |
| -32.5° | 4870 | 5090 | 5209 | 5208 | 5209 | 5090 | 4870 | 4549 | 4127 | 3717 | 3345 |
| -35° | 3648 | 3762 | 3826 | 3833 | 3826 | 3762 | 3648 | 3482 | 3260 | 3014 | 2766 |
| -37.5° | 2934 | 2996 | 3029 | 3035 | 3029 | 2996 | 2934 | 2835 | 2698 | 2537 | 2371 |
| -40° | 2453 | 2496 | 2524 | 2541 | 2524 | 2496 | 2453 | 2390 | 2303 | 2199 | 2086 |
| -42.5° | 2121 | 2150 | 2162 | 2153 | 2162 | 2150 | 2121 | 2083 | 2025 | 1953 | 1876 |
| -45° | 1890 | 1907 | 1917 | 1922 | 1917 | 1907 | 1890 | 1865 | 1823 | 1769 | 1708 |
| -47.5° | 1706 | 1714 | 1719 | 1722 | 1719 | 1714 | 1706 | 1690 | 1659 | 1613 | 1559 |
| -50° | 1560 | 1568 | 1569 | 1565 | 1569 | 1568 | 1560 | 1549 | 1528 | 1487 | 1440 |
| -52.5° | 1444 | 1445 | 1448 | 1449 | 1448 | 1445 | 1444 | 1438 | 1422 | 1380 | 1332 |
| -55° | 1348 | 1351 | 1353 | 1355 | 1353 | 1351 | 1348 | 1341 | 1328 | 1288 | 1245 |
| -57.5° | 1267 | 1275 | 1276 | 1271 | 1276 | 1275 | 1267 | 1255 | 1242 | 1206 | 1164 |
| -60° | 1180 | 1190 | 1196 | 1197 | 1196 | 1190 | 1180 | 1167 | 1151 | 1116 | 1075 |
| -62.5° | 1064 | 1075 | 1080 | 1082 | 1080 | 1075 | 1064 | 1050 | 1034 | 1004 | 968 |
| -65° | 930 | 939 | 953 | 966 | 953 | 939 | 930 | 918 | 904 | 881 | 851 |
| -67.5° | 807 | 815 | 828 | 840 | 828 | 815 | 807 | 797 | 785 | 765 | 738 |
| -70° | 700 | 710 | 713 | 714 | 713 | 710 | 700 | 689 | 676 | 658 | 634 |
| -72.5° | 597 | 606 | 608 | 609 | 608 | 606 | 597 | 586 | 574 | 559 | 537 |
| -75° | 493 | 501 | 503 | 504 | 503 | 501 | 493 | 483 | 472 | 459 | 441 |
| -77.5° | 389 | 397 | 399 | 399 | 399 | 397 | 389 | 381 | 371 | 361 | 347 |
| -80° | 296 | 303 | 299 | 294 | 299 | 303 | 296 | 288 | 279 | 270 | 258 |
| -82.5° | 203 | 209 | 205 | 200 | 205 | 209 | 203 | 196 | 189 | 181 | 176 |
| -85° | 122 | 125 | 121 | 116 | 121 | 125 | 122 | 118 | 115 | 110 | 106 |
| -87.5° | 49 | 52 | 47 | 42 | 47 | 52 | 49 | 47 | 44 | 41 | 40 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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° | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 14 | 13 | 12 | 11 | 8 | 5 | 3 | 4 | 3 | 1 | 2 |
| 60° | 52 | 36 | 46 | 48 | 40 | 26 | 27 | 21 | 10 | 10 | 8 |
| 57.5° | 153 | 146 | 124 | 110 | 106 | 92 | 74 | 58 | 48 | 33 | 20 |
| 55° | 232 | 216 | 196 | 175 | 154 | 143 | 129 | 111 | 92 | 70 | 52 |
| 52.5° | 292 | 284 | 267 | 239 | 217 | 200 | 176 | 158 | 140 | 119 | 92 |
| 50° | 405 | 384 | 359 | 332 | 303 | 275 | 250 | 217 | 187 | 167 | 143 |
| 47.5° | 520 | 493 | 469 | 438 | 396 | 360 | 328 | 293 | 250 | 212 | 188 |
| 45° | 633 | 592 | 558 | 523 | 482 | 438 | 401 | 360 | 316 | 271 | 230 |
| 42.5° | 742 | 685 | 633 | 602 | 555 | 508 | 466 | 427 | 378 | 328 | 284 |
| 40° | 880 | 796 | 741 | 699 | 651 | 582 | 541 | 496 | 445 | 386 | 341 |
| 37.5° | 1075 | 959 | 890 | 834 | 775 | 702 | 632 | 576 | 517 | 456 | 399 |
| 35° | 1336 | 1192 | 1063 | 979 | 915 | 823 | 740 | 666 | 598 | 530 | 461 |
| 32.5° | 1622 | 1441 | 1258 | 1131 | 1028 | 935 | 842 | 760 | 676 | 603 | 531 |
| 30° | 2038 | 1745 | 1490 | 1284 | 1152 | 1038 | 935 | 843 | 753 | 670 | 598 |
| 27.5° | 2692 | 2151 | 1804 | 1492 | 1282 | 1146 | 1032 | 922 | 824 | 735 | 656 |
| 25° | 3773 | 2828 | 2218 | 1786 | 1451 | 1267 | 1138 | 1010 | 894 | 795 | 713 |
| 22.5° | 5433 | 3963 | 2866 | 2145 | 1726 | 1464 | 1266 | 1101 | 965 | 868 | 774 |
| 20° | 8317 | 5529 | 3841 | 2808 | 2140 | 1693 | 1424 | 1221 | 1069 | 946 | 837 |
| 17.5° | 12811 | 8662 | 5114 | 3649 | 2698 | 2059 | 1633 | 1362 | 1173 | 1022 | 901 |
| 15° | 17989 | 12192 | 7624 | 4868 | 3328 | 2362 | 1824 | 1497 | 1281 | 1106 | 964 |
| 12.5° | 23229 | 15838 | 9801 | 5861 | 3864 | 2700 | 2049 | 1657 | 1390 | 1179 | 1015 |
| 10° | 27380 | 19097 | 12072 | 7292 | 4544 | 3046 | 2245 | 1777 | 1464 | 1237 | 1060 |
| 7.5° | 31651 | 21771 | 13984 | 8366 | 5111 | 3335 | 2397 | 1873 | 1525 | 1285 | 1098 |
| 5° | 34769 | 23942 | 15611 | 9207 | 5557 | 3558 | 2515 | 1950 | 1575 | 1323 | 1131 |
| 2.5° | 36900 | 25424 | 16711 | 9724 | 5853 | 3715 | 2606 | 2009 | 1621 | 1349 | 1152 |
| 0° | 37887 | 26126 | 17221 | 10091 | 6017 | 3812 | 2678 | 2048 | 1659 | 1365 | 1166 |
| -2.5° | 37657 | 26083 | 16910 | 9964 | 6025 | 3862 | 2702 | 2057 | 1670 | 1383 | 1178 |
| -5° | 36149 | 25148 | 16360 | 9699 | 5873 | 3836 | 2712 | 2062 | 1672 | 1392 | 1183 |
| -7.5° | 34043 | 23496 | 15123 | 9050 | 5565 | 3734 | 2692 | 2060 | 1669 | 1397 | 1189 |
| -10° | 30765 | 20919 | 13419 | 8167 | 5148 | 3554 | 2619 | 2026 | 1651 | 1390 | 1187 |
| -12.5° | 26721 | 18001 | 11414 | 6847 | 4572 | 3287 | 2488 | 1961 | 1619 | 1370 | 1177 |
| -15° | 21999 | 14937 | 9557 | 6047 | 4102 | 3012 | 2331 | 1876 | 1578 | 1339 | 1158 |
| -17.5° | 17334 | 11688 | 7338 | 4977 | 3620 | 2774 | 2212 | 1817 | 1534 | 1310 | 1141 |
| -20° | 12741 | 8494 | 5920 | 4206 | 3151 | 2490 | 2061 | 1736 | 1481 | 1283 | 1126 |

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Scaled Data Report



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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° | 8836 | 6415 | 4603 | 3450 | 2785 | 2290 | 1926 | 1645 | 1416 | 1249 | 1104 |
| -25° | 6366 | 4767 | 3689 | 3000 | 2466 | 2074 | 1798 | 1567 | 1372 | 1213 | 1074 |
| -27.5° | 4677 | 3695 | 3105 | 2583 | 2188 | 1921 | 1690 | 1487 | 1319 | 1173 | 1047 |
| -30° | 3604 | 3077 | 2628 | 2245 | 1991 | 1772 | 1587 | 1418 | 1265 | 1129 | 1016 |
| -32.5° | 2924 | 2596 | 2259 | 2023 | 1817 | 1645 | 1490 | 1344 | 1206 | 1090 | 979 |
| -35° | 2487 | 2241 | 2019 | 1837 | 1675 | 1532 | 1395 | 1270 | 1154 | 1044 | 936 |
| -37.5° | 2174 | 1981 | 1827 | 1681 | 1552 | 1428 | 1313 | 1205 | 1100 | 993 | 896 |
| -40° | 1942 | 1791 | 1667 | 1550 | 1443 | 1340 | 1244 | 1146 | 1045 | 941 | 854 |
| -42.5° | 1765 | 1649 | 1534 | 1437 | 1346 | 1266 | 1181 | 1089 | 993 | 898 | 816 |
| -45° | 1622 | 1522 | 1422 | 1342 | 1268 | 1194 | 1121 | 1034 | 944 | 860 | 780 |
| -47.5° | 1495 | 1414 | 1335 | 1258 | 1190 | 1123 | 1056 | 979 | 899 | 820 | 739 |
| -50° | 1385 | 1315 | 1245 | 1176 | 1120 | 1060 | 994 | 927 | 850 | 771 | 697 |
| -52.5° | 1280 | 1226 | 1170 | 1115 | 1056 | 996 | 934 | 866 | 792 | 724 | 660 |
| -55° | 1200 | 1150 | 1098 | 1044 | 990 | 935 | 874 | 807 | 742 | 681 | 614 |
| -57.5° | 1120 | 1072 | 1025 | 979 | 935 | 878 | 815 | 753 | 689 | 626 | 562 |
| -60° | 1035 | 994 | 949 | 905 | 862 | 812 | 749 | 688 | 629 | 570 | 509 |
| -62.5° | 931 | 894 | 855 | 814 | 773 | 727 | 670 | 613 | 562 | 512 | 456 |
| -65° | 818 | 783 | 748 | 711 | 670 | 625 | 576 | 534 | 494 | 452 | 402 |
| -67.5° | 709 | 678 | 643 | 606 | 569 | 531 | 495 | 460 | 424 | 385 | 339 |
| -70° | 608 | 581 | 550 | 517 | 484 | 450 | 418 | 385 | 350 | 316 | 281 |
| -72.5° | 514 | 491 | 465 | 436 | 406 | 375 | 346 | 318 | 288 | 258 | 229 |
| -75° | 423 | 404 | 382 | 357 | 332 | 306 | 282 | 258 | 234 | 211 | 187 |
| -77.5° | 332 | 316 | 299 | 280 | 261 | 242 | 224 | 204 | 184 | 165 | 145 |
| -80° | 247 | 235 | 223 | 209 | 195 | 181 | 166 | 150 | 134 | 119 | 105 |
| -82.5° | 170 | 164 | 157 | 146 | 135 | 123 | 112 | 101 | 90 | 79 | 69 |
| -85° | 102 | 98 | 93 | 86 | 79 | 72 | 65 | 58 | 51 | 45 | 38 |
| -87.5° | 39 | 39 | 38 | 35 | 32 | 29 | 26 | 23 | 20 | 17 | 15 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-735-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° | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 60° | 6 | 5 | 2 | 3 | 1 | 0 | 1 | 3 | 2 | 0 | 0 |
| 57.5° | 17 | 12 | 7 | 6 | 5 | 2 | 1 | 4 | 5 | 2 | 0 |
| 55° | 34 | 25 | 15 | 9 | 8 | 7 | 3 | 4 | 7 | 5 | 1 |
| 52.5° | 67 | 46 | 31 | 16 | 10 | 11 | 7 | 5 | 7 | 8 | 3 |
| 50° | 109 | 76 | 52 | 34 | 14 | 12 | 10 | 7 | 8 | 10 | 6 |
| 47.5° | 159 | 117 | 81 | 54 | 32 | 16 | 14 | 9 | 8 | 10 | 8 |
| 45° | 202 | 165 | 116 | 80 | 51 | 30 | 20 | 10 | 9 | 11 | 10 |
| 42.5° | 244 | 209 | 161 | 105 | 75 | 47 | 28 | 17 | 10 | 11 | 11 |
| 40° | 296 | 251 | 205 | 148 | 100 | 63 | 41 | 25 | 11 | 11 | 11 |
| 37.5° | 349 | 297 | 246 | 188 | 129 | 87 | 54 | 35 | 15 | 13 | 11 |
| 35° | 402 | 346 | 284 | 224 | 163 | 111 | 66 | 45 | 25 | 16 | 11 |
| 32.5° | 455 | 392 | 324 | 259 | 194 | 136 | 84 | 57 | 35 | 19 | 11 |
| 30° | 515 | 434 | 362 | 294 | 223 | 162 | 107 | 70 | 44 | 24 | 11 |
| 27.5° | 572 | 475 | 397 | 326 | 253 | 186 | 131 | 84 | 53 | 30 | 14 |
| 25° | 627 | 523 | 433 | 356 | 282 | 212 | 153 | 98 | 64 | 37 | 18 |
| 22.5° | 678 | 572 | 468 | 382 | 314 | 237 | 174 | 117 | 75 | 44 | 22 |
| 20° | 729 | 618 | 502 | 418 | 344 | 264 | 195 | 135 | 87 | 51 | 26 |
| 17.5° | 781 | 664 | 549 | 456 | 373 | 290 | 215 | 151 | 99 | 57 | 31 |
| 15° | 832 | 709 | 592 | 492 | 402 | 314 | 234 | 166 | 110 | 63 | 35 |
| 12.5° | 877 | 750 | 630 | 525 | 430 | 335 | 251 | 179 | 122 | 69 | 41 |
| 10° | 917 | 787 | 663 | 555 | 456 | 354 | 267 | 192 | 133 | 75 | 46 |
| 7.5° | 951 | 819 | 691 | 582 | 481 | 373 | 282 | 203 | 143 | 81 | 51 |
| 5° | 978 | 844 | 714 | 602 | 499 | 391 | 295 | 214 | 152 | 86 | 55 |
| 2.5° | 996 | 860 | 732 | 617 | 513 | 407 | 306 | 223 | 161 | 90 | 59 |
| 0° | 1008 | 872 | 746 | 630 | 525 | 420 | 315 | 231 | 168 | 94 | 63 |
| -2.5° | 1020 | 883 | 760 | 643 | 537 | 434 | 325 | 238 | 174 | 104 | 64 |
| -5° | 1026 | 889 | 770 | 653 | 546 | 445 | 333 | 243 | 179 | 112 | 65 |
| -7.5° | 1031 | 896 | 778 | 660 | 553 | 452 | 338 | 247 | 183 | 119 | 66 |
| -10° | 1032 | 902 | 784 | 666 | 559 | 457 | 342 | 250 | 186 | 125 | 66 |
| -12.5° | 1028 | 903 | 786 | 669 | 561 | 459 | 348 | 255 | 189 | 128 | 67 |
| -15° | 1020 | 902 | 785 | 667 | 562 | 459 | 352 | 260 | 191 | 129 | 67 |
| -17.5° | 1008 | 897 | 779 | 662 | 559 | 457 | 354 | 263 | 192 | 128 | 70 |
| -20° | 997 | 886 | 769 | 652 | 554 | 455 | 354 | 262 | 192 | 126 | 73 |

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

Scaled Data Report



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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° | 983 | 870 | 755 | 643 | 546 | 451 | 351 | 259 | 189 | 123 | 76 |
| -25° | 962 | 849 | 739 | 634 | 539 | 446 | 346 | 252 | 185 | 120 | 77 |
| -27.5° | 936 | 826 | 721 | 623 | 530 | 438 | 337 | 247 | 180 | 116 | 78 |
| -30° | 905 | 804 | 705 | 609 | 516 | 425 | 324 | 239 | 174 | 115 | 79 |
| -32.5° | 873 | 781 | 686 | 591 | 500 | 410 | 309 | 229 | 168 | 115 | 78 |
| -35° | 843 | 756 | 665 | 569 | 481 | 391 | 296 | 217 | 161 | 113 | 76 |
| -37.5° | 809 | 726 | 636 | 545 | 462 | 372 | 286 | 212 | 154 | 111 | 74 |
| -40° | 776 | 694 | 603 | 522 | 440 | 352 | 275 | 206 | 149 | 107 | 72 |
| -42.5° | 742 | 657 | 576 | 498 | 417 | 337 | 263 | 199 | 145 | 103 | 69 |
| -45° | 701 | 623 | 550 | 472 | 395 | 322 | 252 | 189 | 138 | 99 | 66 |
| -47.5° | 662 | 594 | 520 | 444 | 375 | 304 | 238 | 179 | 130 | 95 | 63 |
| -50° | 632 | 561 | 486 | 415 | 351 | 286 | 222 | 167 | 123 | 90 | 60 |
| -52.5° | 593 | 520 | 450 | 384 | 325 | 265 | 205 | 153 | 116 | 84 | 55 |
| -55° | 546 | 477 | 412 | 353 | 297 | 240 | 185 | 142 | 106 | 77 | 50 |
| -57.5° | 497 | 431 | 376 | 322 | 268 | 213 | 167 | 129 | 97 | 69 | 46 |
| -60° | 448 | 393 | 341 | 288 | 236 | 189 | 150 | 116 | 87 | 62 | 42 |
| -62.5° | 403 | 352 | 301 | 251 | 206 | 167 | 132 | 104 | 77 | 56 | 38 |
| -65° | 352 | 304 | 258 | 217 | 179 | 145 | 117 | 90 | 68 | 50 | 33 |
| -67.5° | 295 | 257 | 219 | 183 | 152 | 124 | 100 | 79 | 60 | 43 | 31 |
| -70° | 246 | 212 | 181 | 152 | 126 | 103 | 86 | 69 | 51 | 38 | 28 |
| -72.5° | 202 | 174 | 146 | 121 | 104 | 87 | 72 | 57 | 43 | 32 | 24 |
| -75° | 162 | 139 | 117 | 99 | 84 | 71 | 59 | 46 | 35 | 26 | 20 |
| -77.5° | 126 | 108 | 91 | 78 | 67 | 56 | 45 | 34 | 27 | 21 | 17 |
| -80° | 92 | 80 | 70 | 61 | 51 | 41 | 32 | 25 | 20 | 16 | 13 |
| -82.5° | 61 | 55 | 49 | 43 | 36 | 28 | 22 | 16 | 13 | 11 | 9 |
| -85° | 35 | 31 | 28 | 25 | 20 | 16 | 12 | 9 | 8 | 7 | 6 |
| -87.5° | 14 | 13 | 13 | 12 | 10 | 8 | 6 | 4 | 4 | 4 | 3 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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Scaled Data Report



REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

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° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52.5° | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50° | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 47.5° | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| 45° | 6 | 3 | 0 | 0 | 0 | 0 | 0 |
| 42.5° | 7 | 5 | 0 | 0 | 0 | 0 | 0 |
| 40° | 8 | 6 | 1 | 0 | 0 | 0 | 0 |
| 37.5° | 9 | 7 | 2 | 0 | 0 | 0 | 0 |
| 35° | 10 | 8 | 3 | 0 | 0 | 0 | 0 |
| 32.5° | 11 | 9 | 4 | 0 | 0 | 0 | 0 |
| 30° | 11 | 10 | 5 | 0 | 0 | 0 | 0 |
| 27.5° | 11 | 10 | 6 | 0 | 0 | 0 | 0 |
| 25° | 11 | 10 | 7 | 0 | 0 | 0 | 0 |
| 22.5° | 11 | 11 | 7 | 0 | 0 | 0 | 0 |
| 20° | 11 | 11 | 8 | 0 | 0 | 0 | 0 |
| 17.5° | 11 | 11 | 9 | 0 | 0 | 0 | 0 |
| 15° | 12 | 11 | 9 | 0 | 0 | 0 | 0 |
| 12.5° | 14 | 11 | 9 | 0 | 0 | 0 | 0 |
| 10° | 15 | 11 | 10 | 0 | 0 | 0 | 0 |
| 7.5° | 16 | 11 | 10 | 0 | 0 | 0 | 0 |
| 5° | 18 | 11 | 10 | 0 | 0 | 0 | 0 |
| 2.5° | 20 | 11 | 10 | 0 | 0 | 0 | 0 |
| 0° | 21 | 11 | 11 | 0 | 0 | 0 | 0 |
| -2.5° | 25 | 12 | 10 | 1 | 0 | 0 | 0 |
| -5° | 29 | 13 | 10 | 1 | 0 | 0 | 0 |
| -7.5° | 33 | 14 | 10 | 2 | 0 | 0 | 0 |
| -10° | 36 | 15 | 10 | 3 | 0 | 0 | 0 |
| -12.5° | 38 | 16 | 10 | 3 | 0 | 0 | 0 |
| -15° | 40 | 16 | 10 | 4 | 0 | 0 | 0 |
| -17.5° | 42 | 17 | 10 | 4 | 0 | 0 | 0 |
| -20° | 42 | 17 | 10 | 4 | 0 | 0 | 0 |

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REPORT NUMBER: P627994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 43 | 17 | 10 | 5 | 0 | 0 | 0 |
| -25° | 44 | 18 | 10 | 5 | 0 | 0 | 0 |
| -27.5° | 44 | 19 | 10 | 5 | 0 | 0 | 0 |
| -30° | 43 | 20 | 11 | 5 | 0 | 0 | 0 |
| -32.5° | 42 | 21 | 12 | 4 | 0 | 0 | 0 |
| -35° | 43 | 21 | 13 | 4 | 0 | 0 | 0 |
| -37.5° | 43 | 22 | 13 | 4 | 0 | 0 | 0 |
| -40° | 42 | 22 | 14 | 3 | 0 | 0 | 0 |
| -42.5° | 41 | 23 | 14 | 2 | 0 | 0 | 0 |
| -45° | 39 | 23 | 13 | 2 | 0 | 0 | 0 |
| -47.5° | 37 | 23 | 12 | 1 | 0 | 0 | 0 |
| -50° | 36 | 22 | 12 | 2 | 0 | 0 | 0 |
| -52.5° | 34 | 21 | 11 | 2 | 0 | 0 | 0 |
| -55° | 32 | 20 | 10 | 2 | 0 | 0 | 0 |
| -57.5° | 30 | 19 | 9 | 2 | 0 | 0 | 0 |
| -60° | 27 | 17 | 8 | 2 | 0 | 0 | 0 |
| -62.5° | 25 | 16 | 8 | 2 | 0 | 0 | 0 |
| -65° | 24 | 14 | 7 | 2 | 0 | 0 | 0 |
| -67.5° | 22 | 13 | 7 | 2 | 0 | 0 | 0 |
| -70° | 20 | 12 | 6 | 2 | 0 | 0 | 0 |
| -72.5° | 18 | 11 | 6 | 2 | 0 | 0 | 0 |
| -75° | 15 | 10 | 5 | 2 | 0 | 0 | 0 |
| -77.5° | 13 | 8 | 4 | 2 | 0 | 0 | 0 |
| -80° | 11 | 7 | 4 | 1 | 0 | 0 | 0 |
| -82.5° | 8 | 5 | 3 | 1 | 0 | 0 | 0 |
| -85° | 5 | 3 | 2 | 1 | 0 | 0 | 0 |
| -87.5° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)