

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: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-730-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6945.6 lumens
Efficiency: N/A
Efficacy: 104.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 70405.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 2217.4 lumens
Beam Efficiency: 31.9%

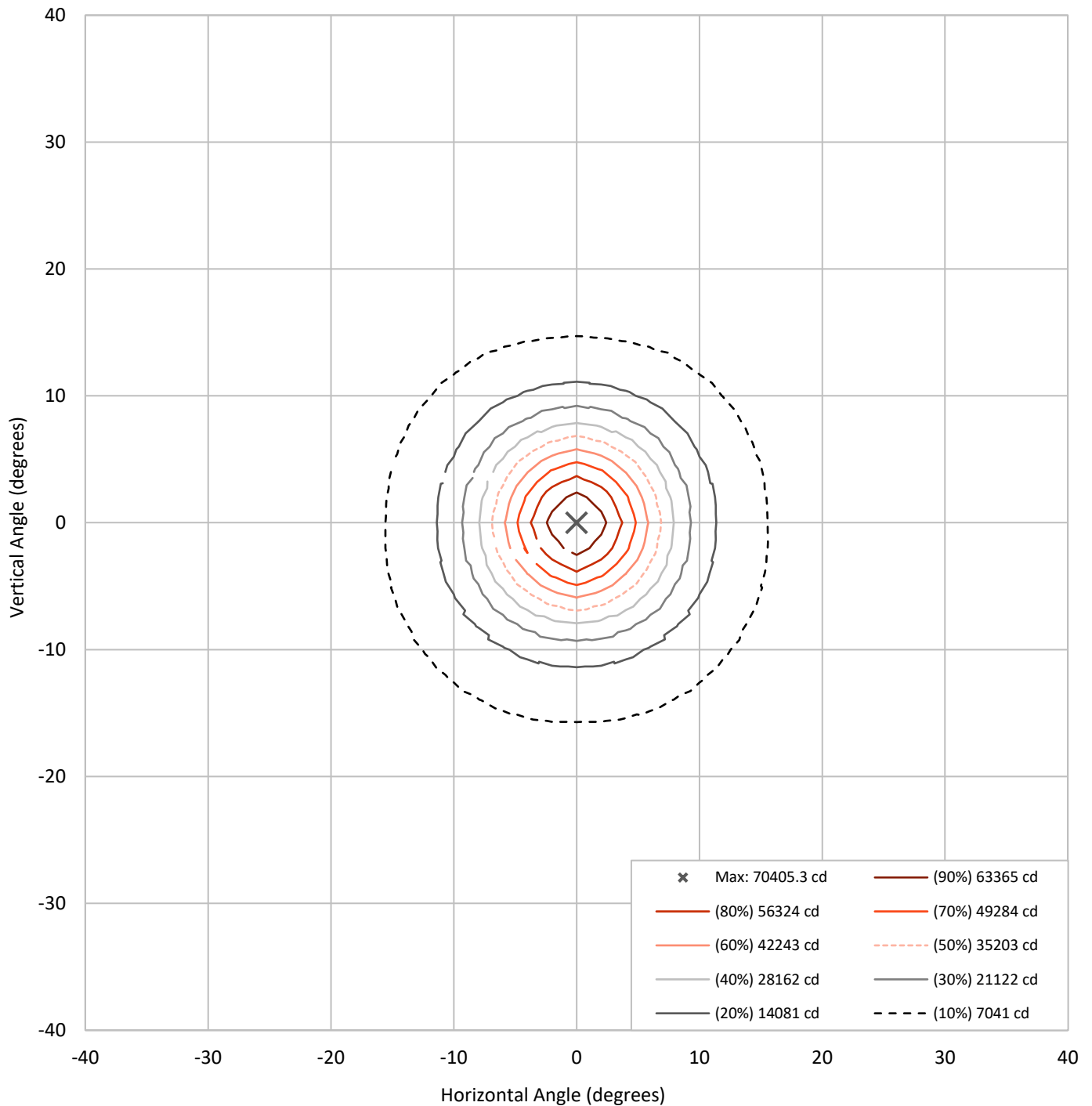
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 4938.8 lumens
Field Efficiency: 71.1%

Input Watts (W): 66.2
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-SA1E-730-U-NR-VSR-XX

Iso-Candela Plot





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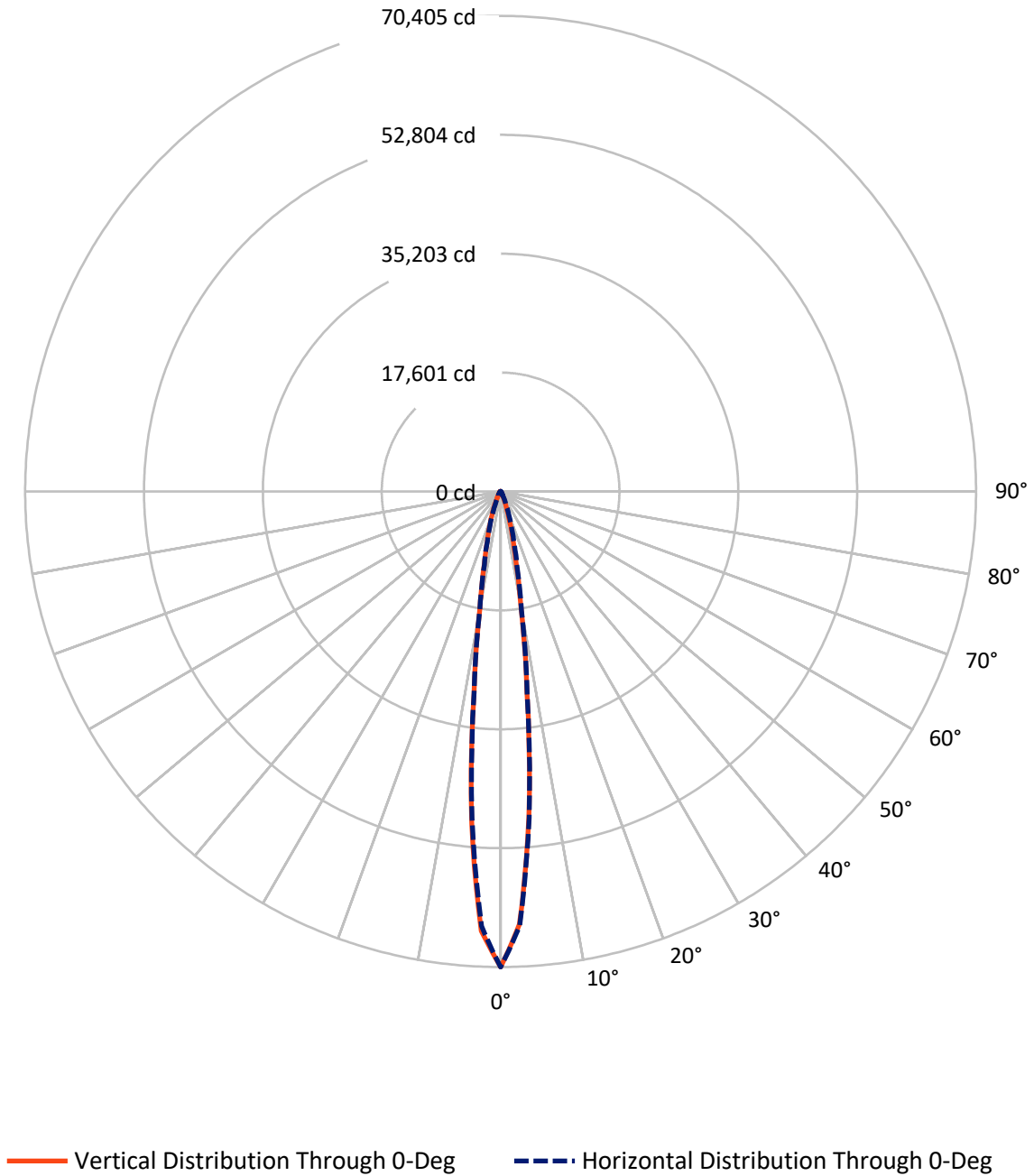
CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

Lumen Table

90																			
80	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			
50		0.0	0.0	0.2	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.2	0.0	0.0				
40	0.0	0.0	0.2	0.6	1.1	1.7	2.3	2.8	2.8	2.3	1.7	1.1	0.6	0.2	0.0	0.0			
30		0.1	0.5	1.2	2.1	3.3	5.6	7.2	7.2	5.6	3.3	2.1	1.2	0.5	0.1				
20	0.1	0.2	0.8	1.8	3.3	7.1	18.9	31.2	31.2	18.9	7.1	3.3	1.8	0.8	0.2	0.1			
10		0.3	1.1	2.5	5.4	21.1	89.0	195.7	195.7	89.0	21.1	5.4	2.5	1.1	0.3				
0	0.1	0.4	1.3	2.9	7.3	39.6	213.3	956.8	956.8	213.3	39.6	7.3	2.9	1.3	0.4	0.1			
-10		0.4	1.4	3.1	7.8	42.2	220.8	973.0	973.0	220.8	42.2	7.8	3.1	1.4	0.4				
-20	0.1	0.5	1.4	3.0	6.9	26.9	107.2	229.3	229.3	107.2	26.9	6.9	3.0	1.4	0.5	0.1			
-30		0.4	1.4	2.8	5.3	12.6	33.0	55.1	55.1	33.0	12.6	5.3	2.8	1.4	0.4				
-40	0.1	0.4	1.2	2.4	4.2	6.9	11.2	14.3	14.3	11.2	6.9	4.2	2.4	1.2	0.4	0.1			
-50		0.3	1.0	2.0	3.4	4.8	6.5	7.2	7.2	6.5	4.8	3.4	2.0	1.0	0.3				
-60	0.1	0.2	0.8	1.6	2.6	3.7	4.7	5.1	5.1	4.7	3.7	2.6	1.6	0.8	0.2	0.1			
-70		0.2	0.5	1.0	1.8	2.6	3.3	3.6	3.6	3.3	2.6	1.8	1.0	0.5	0.2				
-80	0.0	0.4		1.7		3.8		4.9		3.8		1.7		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

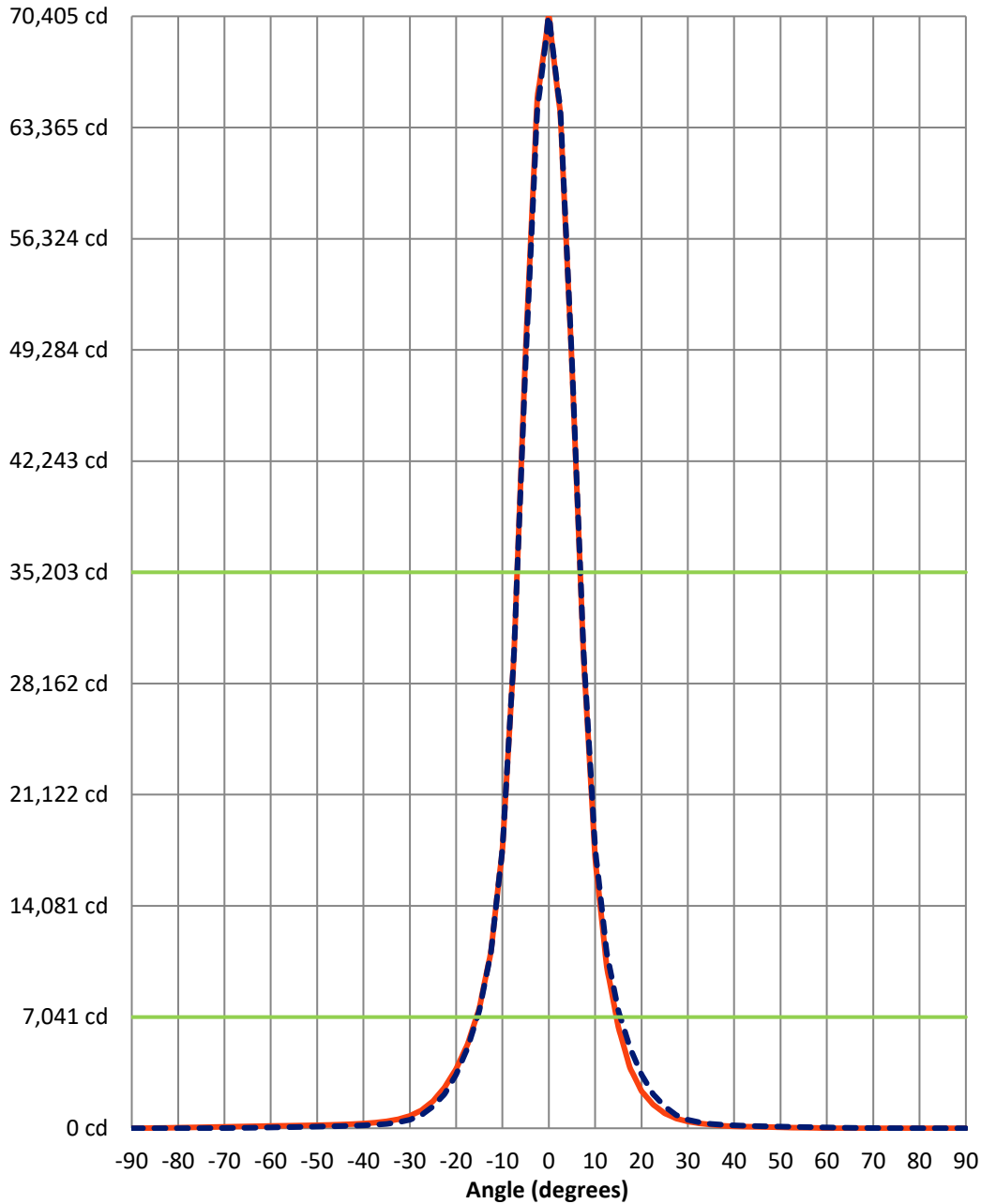
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 2217.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 4938.8
 Efficiency: 71.1%

Spill:
 Lumens: 2006.8
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.3	0.1	0.0	0.3	0.3	0.2	0.5	0.6	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.5	0.8	1.0	0.6	0.3
65°	0.0	0.3	0.1	0.3	0.6	0.6	0.9	1.2	1.0	0.7	0.5
62.5°	0.0	0.4	0.2	0.5	0.8	0.9	1.2	1.4	1.1	0.8	0.9
60°	0.0	0.4	0.2	0.6	0.9	1.0	1.5	1.5	1.1	1.1	1.4
57.5°	0.0	0.5	0.3	0.8	1.1	1.2	1.5	1.5	1.3	1.3	1.5
55°	0.0	0.5	0.5	1.0	1.2	1.4	1.5	1.5	1.4	1.5	1.5
52.5°	0.0	0.6	0.6	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.5
50°	0.0	0.6	0.7	1.3	1.3	1.5	1.5	1.5	1.5	1.5	1.7
47.5°	0.0	0.6	0.8	1.4	1.4	1.5	1.5	1.5	1.5	1.5	2.1
45°	0.0	0.7	0.9	1.5	1.4	1.5	1.5	1.5	1.6	1.9	2.5
42.5°	0.0	0.7	1.0	1.5	1.5	1.5	1.5	1.6	1.6	2.3	3.3
40°	0.0	0.8	1.0	1.5	1.5	1.5	1.5	1.7	1.9	2.8	4.3
37.5°	0.0	0.8	1.1	1.5	1.5	1.5	1.5	1.8	2.4	3.5	5.3
35°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.0	3.0	4.4	6.5
32.5°	0.0	0.9	1.2	1.5	1.5	1.5	1.5	2.2	3.6	5.3	8.0
30°	0.0	1.0	1.3	1.5	1.5	1.5	1.7	2.5	4.2	6.2	9.6
27.5°	0.0	1.0	1.3	1.5	1.5	1.5	1.9	3.0	4.8	7.0	11.4
25°	0.0	1.1	1.4	1.5	1.5	1.5	2.0	3.5	5.5	8.3	13.4
22.5°	0.0	1.1	1.4	1.5	1.5	1.5	2.2	3.9	6.2	9.8	15.6
20°	0.0	1.2	1.4	1.5	1.5	1.6	2.4	4.4	6.8	11.3	17.7
17.5°	0.0	1.2	1.5	1.5	1.5	1.8	2.7	4.9	7.4	12.8	19.7
15°	0.0	1.3	1.5	1.5	1.5	1.9	3.0	5.4	8.0	14.3	21.4
12.5°	0.0	1.3	1.5	1.5	1.5	2.1	3.3	5.8	8.7	15.8	22.9
10°	0.0	1.3	1.5	1.5	1.5	2.3	3.6	6.2	9.7	17.2	24.3
7.5°	0.0	1.4	1.5	1.5	1.5	2.5	3.8	6.6	10.6	18.4	25.5
5°	0.0	1.4	1.5	1.5	1.5	2.6	4.1	6.9	11.6	19.4	26.6
2.5°	0.0	1.5	1.5	1.5	1.5	2.8	4.3	7.2	12.5	20.2	27.5
0°	0.0	1.5	1.5	1.5	1.5	3.0	4.5	7.5	13.4	20.9	28.3
-2.5°	0.0	1.5	1.5	1.5	1.6	3.2	4.9	7.9	14.2	21.4	29.3
-5°	0.0	1.5	1.5	1.5	1.8	3.3	5.3	8.3	14.8	21.9	30.1
-7.5°	0.0	1.5	1.5	1.5	1.9	3.4	5.6	8.7	15.4	22.2	30.7
-10°	0.0	1.5	1.5	1.5	2.0	3.5	5.9	9.0	15.8	22.4	31.0
-12.5°	0.0	1.5	1.5	1.5	2.1	3.6	6.1	9.3	16.0	22.6	31.6
-15°	0.0	1.4	1.5	1.5	2.2	3.7	6.3	9.5	16.1	23.1	32.1
-17.5°	0.0	1.4	1.5	1.5	2.2	3.8	6.4	9.7	15.9	23.3	32.4
-20°	0.0	1.4	1.5	1.5	2.3	3.8	6.5	9.9	15.7	23.3	32.3

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CATALOG NUMBER: GFLD-SA1E-730-U-NR-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	1.4	1.5	1.5	2.3	3.9	6.6	10.1	15.3	23.0	32.0
-25°	0.0	1.4	1.5	1.5	2.3	4.0	6.6	10.1	14.9	22.5	31.3
-27.5°	0.0	1.3	1.5	1.5	2.3	4.1	6.6	10.1	14.3	21.7	30.6
-30°	0.0	1.3	1.5	1.5	2.2	4.1	6.6	10.0	14.0	20.9	29.6
-32.5°	0.0	1.3	1.5	1.5	2.2	4.2	6.5	9.9	13.8	20.0	28.2
-35°	0.0	1.2	1.5	1.5	2.2	4.2	6.5	9.7	13.5	19.0	26.3
-37.5°	0.0	1.2	1.5	1.5	2.1	4.1	6.5	9.5	13.1	17.8	25.3
-40°	0.0	1.1	1.5	1.5	2.0	4.0	6.4	9.3	12.6	17.0	24.4
-42.5°	0.0	1.1	1.5	1.5	2.0	3.9	6.3	9.0	12.2	16.7	23.3
-45°	0.0	1.1	1.5	1.6	2.1	3.8	6.1	8.7	11.9	16.1	22.0
-47.5°	0.0	1.0	1.5	1.6	2.1	3.6	5.8	8.5	11.4	15.4	21.2
-50°	0.0	1.0	1.5	1.6	2.1	3.3	5.5	8.1	11.0	14.8	20.0
-52.5°	0.0	0.9	1.5	1.6	2.1	3.1	5.2	7.7	10.5	14.0	18.7
-55°	0.0	0.9	1.5	1.6	2.1	3.0	4.8	7.2	9.9	13.0	17.4
-57.5°	0.0	0.8	1.5	1.6	2.1	2.9	4.3	6.6	9.2	12.0	15.7
-60°	0.0	0.7	1.5	1.6	2.0	2.8	3.9	6.0	8.4	11.1	14.1
-62.5°	0.0	0.7	1.4	1.6	2.0	2.7	3.7	5.3	7.5	10.0	12.8
-65°	0.0	0.6	1.3	1.6	1.9	2.5	3.5	4.7	6.6	8.9	11.5
-67.5°	0.0	0.6	1.1	1.5	1.8	2.4	3.2	4.3	5.6	7.7	10.0
-70°	0.0	0.5	1.0	1.5	1.7	2.2	2.9	3.8	5.0	6.4	8.5
-72.5°	0.0	0.5	0.9	1.3	1.6	2.0	2.6	3.4	4.4	5.6	7.0
-75°	0.0	0.4	0.8	1.2	1.5	1.8	2.3	3.0	3.7	4.7	5.9
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.6	3.2	3.9	4.7
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	2.1	2.8	3.4	4.0
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.7	2.3	2.8	3.4
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.0	2.5
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.0	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.4	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.7	1.0	0.7	0.4	0.0	0.4	0.5	0.4	0.0	0.0	0.0
62.5°	1.4	1.2	0.8	0.6	0.8	1.1	0.9	0.5	0.1	0.7	1.0
60°	1.5	1.3	1.1	1.2	1.5	1.3	1.0	1.5	2.2	2.8	3.3
57.5°	1.5	1.4	1.4	1.6	1.7	1.7	2.6	3.5	5.0	6.2	7.0
55°	1.5	1.5	1.7	2.0	2.5	3.6	4.9	6.9	8.5	10.9	13.0
52.5°	1.7	1.7	2.3	3.1	4.5	6.2	8.5	11.3	14.5	16.9	19.4
50°	1.9	2.5	3.2	5.1	7.1	9.7	13.5	17.6	20.3	23.0	26.6
47.5°	2.7	3.4	5.3	7.5	10.4	14.5	19.7	22.7	25.3	29.6	34.1
45°	3.6	5.1	7.4	10.5	14.4	20.2	24.3	26.7	31.3	36.3	41.4
42.5°	4.6	7.0	10.1	13.4	19.6	25.1	28.9	32.7	37.4	43.1	48.7
40°	6.2	8.9	13.2	18.2	24.6	30.0	34.7	39.1	43.6	51.1	57.1
37.5°	7.9	11.8	16.6	22.9	29.6	35.4	40.7	46.2	52.7	61.1	66.5
35°	9.4	14.8	20.7	27.4	34.5	41.1	47.3	53.8	62.3	70.3	76.6
32.5°	11.7	17.9	24.4	31.8	39.0	46.5	54.1	61.9	70.2	78.4	86.7
30°	14.5	21.1	28.1	35.9	43.2	51.9	60.7	68.9	77.3	85.9	95.3
27.5°	17.4	24.2	31.7	39.6	47.3	57.1	66.7	75.2	83.8	93.1	103.9
25°	20.0	27.2	35.1	42.9	51.9	62.5	72.9	82.8	90.1	100.6	113.3
22.5°	22.6	30.3	38.7	45.9	56.4	67.9	80.0	90.7	99.3	108.7	123.0
20°	25.1	33.4	42.1	50.1	60.9	73.3	87.7	98.6	109.3	121.5	136.1
17.5°	27.5	36.2	45.4	55.0	66.3	79.1	95.5	106.7	119.4	133.9	152.3
15°	29.7	38.9	48.7	59.5	71.2	85.0	100.8	114.7	130.0	146.7	168.5
12.5°	31.8	41.4	52.0	63.6	75.5	90.0	105.2	120.0	137.6	159.5	186.9
10°	33.8	43.6	55.2	67.4	79.2	94.3	109.1	124.5	143.1	167.2	198.5
7.5°	35.4	45.8	58.2	70.9	82.4	97.8	112.5	128.3	147.7	173.5	206.3
5°	36.7	48.2	61.0	73.1	85.1	100.8	115.3	131.2	151.3	178.4	211.9
2.5°	37.8	50.3	63.5	74.8	87.5	103.6	117.5	134.5	155.0	182.3	217.2
0°	38.7	52.2	65.6	76.0	89.4	105.8	119.2	137.1	158.0	184.8	222.0
-2.5°	40.5	53.7	66.8	77.4	91.5	106.2	120.3	137.5	159.1	186.8	222.9
-5°	42.1	55.0	67.7	78.5	93.0	106.1	120.8	137.2	159.4	187.9	224.6
-7.5°	43.2	55.9	68.3	79.4	93.9	106.6	121.4	138.2	160.6	188.9	226.7
-10°	44.0	56.6	68.8	80.4	94.1	107.1	121.7	138.5	160.4	188.2	225.6
-12.5°	44.4	57.0	69.0	81.0	94.0	107.1	121.3	137.8	158.8	185.8	221.0
-15°	44.5	57.2	69.0	81.0	93.8	106.4	120.4	136.2	155.8	181.8	213.7
-17.5°	44.4	57.1	68.7	80.6	93.4	105.2	118.9	134.1	152.8	177.2	207.8
-20°	44.0	56.8	68.2	79.5	92.9	104.1	117.4	132.1	149.7	171.8	199.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	43.4	56.2	67.4	78.4	91.3	103.0	115.5	129.5	145.3	165.2	189.6
-25°	42.7	55.2	66.5	77.5	89.4	101.4	113.0	126.4	140.9	160.0	181.9
-27.5°	41.7	53.9	65.2	76.4	87.4	99.2	110.6	123.2	137.6	154.4	174.0
-30°	40.4	52.1	63.4	74.8	85.7	96.8	107.7	119.7	133.3	149.2	167.3
-32.5°	38.6	50.1	61.1	72.4	83.7	94.3	104.6	116.2	128.9	142.9	160.0
-35°	36.8	47.9	58.7	69.4	81.4	91.6	101.5	112.1	123.9	136.9	150.9
-37.5°	35.2	45.6	56.1	66.2	77.5	88.2	97.8	107.9	118.8	130.7	143.5
-40°	33.4	43.1	53.3	63.2	73.1	84.0	93.6	103.3	113.4	125.4	136.7
-42.5°	31.5	40.9	50.5	60.1	69.5	79.3	88.9	98.2	108.8	120.2	131.3
-45°	30.0	38.7	47.6	56.9	66.2	75.0	84.1	92.8	103.6	114.9	125.7
-47.5°	28.2	36.4	45.0	53.5	62.7	71.4	79.6	88.4	97.6	108.2	119.6
-50°	26.3	34.1	42.0	50.1	58.7	67.5	75.8	83.9	92.6	101.3	111.2
-52.5°	24.7	31.6	38.9	46.2	54.4	63.0	71.3	79.5	87.5	95.7	104.1
-55°	22.8	29.1	35.6	42.4	49.6	57.9	66.1	74.1	82.2	89.9	98.2
-57.5°	20.7	26.3	32.2	38.7	45.2	52.0	60.0	67.9	75.5	83.3	91.8
-60°	18.4	23.4	28.7	34.7	41.0	47.2	53.8	61.1	68.4	75.8	83.6
-62.5°	15.9	20.3	25.1	30.3	36.1	42.2	48.2	54.4	61.0	67.5	74.2
-65°	14.3	17.4	21.4	26.0	30.8	36.2	41.9	47.6	53.5	58.9	64.2
-67.5°	12.5	15.3	18.3	21.8	26.1	30.7	35.1	40.3	45.5	50.6	55.4
-70°	10.7	13.2	15.8	18.7	21.8	25.5	29.7	33.8	37.8	42.0	46.6
-72.5°	8.8	10.9	13.2	15.7	18.3	21.3	24.5	28.0	31.6	35.1	38.6
-75°	7.2	8.6	10.5	12.6	14.9	17.2	19.6	22.3	25.4	28.4	31.4
-77.5°	6.0	7.3	8.5	9.8	11.4	13.5	15.6	17.7	19.8	22.1	24.6
-80°	4.9	5.9	7.0	8.2	9.3	10.6	12.0	13.7	15.2	16.7	18.4
-82.5°	4.0	4.8	5.7	6.6	7.2	7.9	8.6	9.6	10.6	11.6	12.7
-85°	3.1	3.7	4.3	4.9	5.2	5.5	5.9	6.3	6.9	7.6	8.2
-87.5°	1.6	1.9	2.2	2.6	2.7	2.9	3.0	3.2	3.6	4.0	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	0.9	0.7	1.2	1.6	1.7	1.7	1.5	1.4	1.2	1.1	1.2
60°	3.6	3.5	4.9	5.6	5.1	3.6	5.6	6.6	6.4	5.5	5.5
57.5°	8.8	10.6	12.0	12.6	14.6	17.8	18.4	17.3	17.0	17.3	20.0
55°	15.2	16.7	17.5	20.2	22.6	24.3	25.3	26.4	27.9	29.8	31.7
52.5°	21.4	23.5	25.1	27.5	30.4	31.4	31.1	34.8	37.7	39.5	40.3
50°	29.4	32.0	35.7	39.5	41.2	42.8	44.5	47.5	51.9	57.4	60.5
47.5°	38.1	42.1	46.0	50.3	52.5	54.3	56.8	62.1	68.3	74.3	77.4
45°	45.8	49.5	53.9	57.7	60.4	63.7	67.3	72.1	79.1	85.3	89.6
42.5°	52.1	56.2	60.8	65.3	68.0	72.4	78.0	84.5	91.9	98.3	103.1
40°	60.8	64.3	71.6	75.9	77.0	81.1	92.3	101.1	109.4	117.4	121.3
37.5°	71.4	78.2	85.7	89.6	93.5	100.8	115.7	130.0	140.7	151.4	157.2
35°	83.4	92.3	102.6	107.2	115.5	131.5	149.0	168.9	193.6	204.0	213.4
32.5°	95.0	105.0	114.5	124.9	139.3	158.4	178.1	210.4	240.5	263.8	280.9
30°	105.4	116.0	127.8	141.1	161.4	187.7	220.7	262.4	304.9	342.0	373.3
27.5°	115.6	127.7	141.7	161.6	190.1	225.8	278.5	338.0	409.0	461.2	523.6
25°	126.8	140.6	158.6	187.4	226.0	279.3	363.4	460.2	576.5	670.8	769.5
22.5°	140.1	160.4	183.3	215.4	282.7	370.6	485.6	650.9	829.8	995.2	1154.5
20°	156.1	183.9	220.6	279.7	366.1	496.1	695.9	959.8	1222.8	1503.0	1772.8
17.5°	178.9	219.0	276.0	360.2	474.0	731.1	1055.3	1463.5	1987.9	2463.1	2878.0
15°	200.4	248.3	338.3	464.1	662.7	1003.5	1495.8	2169.5	2986.8	3731.6	4518.2
12.5°	222.9	279.5	382.8	543.0	819.0	1262.6	1954.5	2877.6	3900.9	5023.5	6302.0
10°	240.8	309.5	433.2	636.2	976.4	1528.9	2353.1	3472.6	4832.4	6493.6	8537.6
7.5°	252.8	333.5	474.7	704.5	1121.4	1801.2	2793.4	4138.9	5839.0	8039.8	10899.8
5°	262.2	351.8	506.0	766.7	1244.0	2009.1	3119.6	4722.5	6733.6	9682.3	14529.2
2.5°	269.8	365.8	525.4	809.6	1321.0	2153.9	3338.4	5052.6	7266.1	10896.6	17184.8
0°	275.7	378.5	538.0	836.0	1380.0	2168.3	3406.7	5113.0	7457.2	11115.8	17756.3
-2.5°	278.2	385.3	542.3	841.8	1374.1	2193.1	3427.5	5161.3	7450.0	10995.7	17118.0
-5°	282.4	385.2	539.1	835.9	1343.3	2128.9	3291.5	4891.2	7000.6	10050.0	15065.9
-7.5°	285.4	379.0	523.4	798.0	1262.6	1990.0	3052.3	4443.8	6182.5	8497.9	11604.4
-10°	282.7	367.3	497.4	734.5	1137.3	1767.2	2688.6	3853.1	5298.2	7014.0	9124.7
-12.5°	272.0	345.5	454.9	645.5	974.9	1517.6	2322.6	3314.2	4383.7	5588.8	7047.3
-15°	258.6	322.0	416.7	584.5	854.5	1270.3	1857.9	2662.3	3520.3	4435.2	5410.9
-17.5°	248.1	301.4	379.8	501.2	699.9	1030.5	1492.3	2063.7	2694.2	3390.8	3969.0
-20°	233.9	276.0	341.9	441.0	592.6	811.6	1148.0	1563.1	1979.2	2468.9	2868.3



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	219.7	256.4	306.5	379.1	491.8	657.3	865.2	1142.3	1446.6	1727.7	2004.4
-25°	206.5	234.8	275.3	334.9	411.3	524.2	672.2	831.2	1031.8	1202.9	1392.8
-27.5°	195.9	220.1	250.0	293.7	353.0	425.7	531.6	638.2	743.6	830.0	960.7
-30°	185.6	205.1	230.1	261.2	305.7	361.7	430.5	499.6	560.5	616.0	684.1
-32.5°	175.4	191.3	210.5	236.4	268.3	310.4	352.6	402.2	444.5	483.5	519.7
-35°	165.3	179.5	194.0	215.9	241.3	271.2	301.9	335.5	364.8	391.1	414.3
-37.5°	156.2	168.6	182.3	198.5	219.1	241.6	266.6	291.0	310.4	327.5	341.6
-40°	148.5	159.8	171.5	184.5	200.1	217.8	239.1	259.4	273.0	283.4	292.0
-42.5°	141.6	151.5	161.5	172.6	184.5	199.9	216.7	233.4	242.6	250.7	256.9
-45°	136.0	143.7	152.1	161.5	172.1	185.0	198.2	209.8	217.9	224.9	230.0
-47.5°	128.7	136.0	143.3	151.1	161.0	171.7	182.7	191.6	198.7	204.7	208.7
-50°	120.6	128.3	135.0	141.9	151.0	160.1	168.9	176.3	183.1	189.0	192.1
-52.5°	112.3	120.6	127.6	134.2	141.9	149.9	157.8	164.1	170.0	175.6	178.0
-55°	106.3	113.9	121.2	127.4	133.7	140.1	146.6	153.1	159.0	164.3	165.9
-57.5°	99.8	107.6	114.8	120.4	126.0	131.8	137.7	143.6	149.3	154.4	155.7
-60°	91.8	100.3	106.6	112.0	117.5	123.2	128.3	133.6	138.8	143.3	144.7
-62.5°	81.7	89.4	95.7	101.3	106.7	111.6	116.6	121.5	126.3	129.8	130.9
-65°	69.7	76.2	82.7	88.6	93.9	98.6	103.2	107.7	112.0	115.1	116.6
-67.5°	60.2	64.9	70.1	75.1	80.4	85.3	89.5	93.4	97.1	99.7	101.4
-70°	51.0	55.5	60.4	65.2	69.8	73.8	77.1	80.3	83.5	85.8	87.5
-72.5°	42.2	46.0	50.1	54.3	58.5	62.1	65.2	68.1	70.8	72.8	74.4
-75°	34.3	37.4	40.9	44.3	47.7	50.5	53.1	55.6	58.0	59.8	61.2
-77.5°	27.2	29.8	32.5	35.2	37.9	40.0	41.9	43.7	45.5	46.9	48.2
-80°	20.2	22.2	24.4	26.5	28.7	30.3	31.7	33.0	34.3	35.1	35.8
-82.5°	13.8	15.2	16.7	18.3	19.8	20.9	22.0	23.1	24.2	24.6	24.9
-85°	8.8	9.5	10.3	11.1	12.0	12.6	13.2	13.8	14.4	14.9	15.4
-87.5°	4.9	5.1	5.2	5.3	5.4	5.9	6.3	6.8	7.2	7.3	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.2	1.4
60°	5.1	4.6	4.5	4.5	4.5	4.6	5.1	5.5	5.5	6.4	6.6
57.5°	22.7	25.2	25.9	25.3	25.9	25.2	22.7	20.0	17.3	17.0	17.3
55°	33.0	33.8	34.2	34.3	34.2	33.8	33.0	31.7	29.8	27.9	26.4
52.5°	40.4	40.2	40.1	40.2	40.1	40.2	40.4	40.3	39.5	37.7	34.8
50°	60.8	59.7	59.2	59.6	59.2	59.7	60.8	60.5	57.4	51.9	47.5
47.5°	77.7	78.1	78.6	79.0	78.6	78.1	77.7	77.4	74.3	68.3	62.1
45°	90.8	91.6	92.1	92.4	92.1	91.6	90.8	89.6	85.3	79.1	72.1
42.5°	104.1	104.2	104.0	104.3	104.0	104.2	104.1	103.1	98.3	91.9	84.5
40°	122.9	123.3	122.9	122.2	122.9	123.3	122.9	121.3	117.4	109.4	101.1
37.5°	160.6	161.1	159.3	158.0	159.3	161.1	160.6	157.2	151.4	140.7	130.0
35°	222.1	228.5	231.5	232.5	231.5	228.5	222.1	213.4	204.0	193.6	168.9
32.5°	292.7	301.6	306.1	310.0	306.1	301.6	292.7	280.9	263.8	240.5	210.4
30°	393.9	410.3	417.4	427.7	417.4	410.3	393.9	373.3	342.0	304.9	262.4
27.5°	559.0	587.8	603.7	618.5	603.7	587.8	559.0	523.6	461.2	409.0	338.0
25°	841.2	896.6	932.4	949.3	932.4	896.6	841.2	769.5	670.8	576.5	460.2
22.5°	1308.6	1410.7	1489.4	1505.2	1489.4	1410.7	1308.6	1154.5	995.2	829.8	650.9
20°	2034.5	2180.5	2299.3	2359.1	2299.3	2180.5	2034.5	1772.8	1503.0	1222.8	959.8
17.5°	3372.2	3675.9	3814.6	3837.4	3814.6	3675.9	3372.2	2878.0	2463.1	1987.9	1463.5
15°	5362.3	5876.2	6202.5	6412.5	6202.5	5876.2	5362.3	4518.2	3731.6	2986.8	2169.5
12.5°	7633.0	9093.3	9924.2	10241.0	9924.2	9093.3	7633.0	6302.0	5023.5	3900.9	2877.6
10°	10714.9	14152.6	16135.5	17133.4	16135.5	14152.6	10714.9	8537.6	6493.6	4832.4	3472.6
7.5°	15945.5	21255.0	27137.7	29859.4	27137.7	21255.0	15945.5	10899.8	8039.8	5839.0	4138.9
5°	21444.0	33101.7	43333.6	48233.4	43333.6	33101.7	21444.0	14529.2	9682.3	6733.6	4722.5
2.5°	27763.9	43485.3	58020.9	64132.8	58020.9	43485.3	27763.9	17184.8	10896.6	7266.1	5052.6
0°	30196.2	48509.1	64406.3	70405.3	64406.3	48509.1	30196.2	17756.3	11115.8	7457.2	5113.0
-2.5°	28139.9	44246.9	58270.7	65125.3	58270.7	44246.9	28139.9	17118.0	10995.7	7450.0	5161.3
-5°	22358.6	33284.1	43670.0	49255.7	43670.0	33284.1	22358.6	15065.9	10050.0	7000.6	4891.2
-7.5°	16409.8	22357.6	28125.5	30142.5	28125.5	22357.6	16409.8	11604.4	8497.9	6182.5	4443.8
-10°	11424.9	14830.7	17079.0	17720.5	17079.0	14830.7	11424.9	9124.7	7014.0	5298.2	3853.1
-12.5°	8470.4	9960.1	10996.7	11176.9	10996.7	9960.1	8470.4	7047.3	5588.8	4383.7	3314.2
-15°	6272.1	7029.7	7564.3	7600.3	7564.3	7029.7	6272.1	5410.9	4435.2	3520.3	2662.3
-17.5°	4584.9	5093.4	5363.2	5344.0	5363.2	5093.4	4584.9	3969.0	3390.8	2694.2	2063.7
-20°	3278.5	3585.0	3802.4	3759.9	3802.4	3585.0	3278.5	2868.3	2468.9	1979.2	1563.1



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2286.0	2489.5	2616.9	2584.1	2616.9	2489.5	2286.0	2004.4	1727.7	1446.6	1142.3
-25°	1553.3	1664.1	1727.2	1716.8	1727.2	1664.1	1553.3	1392.8	1202.9	1031.8	831.2
-27.5°	1058.5	1117.0	1136.6	1135.6	1136.6	1117.0	1058.5	960.7	830.0	743.6	638.2
-30°	734.7	774.0	796.5	782.4	796.5	774.0	734.7	684.1	616.0	560.5	499.6
-32.5°	547.6	569.8	582.6	569.3	582.6	569.8	547.6	519.7	483.5	444.5	402.2
-35°	431.5	442.7	447.2	439.6	447.2	442.7	431.5	414.3	391.1	364.8	335.5
-37.5°	351.8	358.4	360.6	356.2	360.6	358.4	351.8	341.6	327.5	310.4	291.0
-40°	298.1	302.2	303.1	299.5	303.1	302.2	298.1	292.0	283.4	273.0	259.4
-42.5°	260.8	263.3	263.8	262.3	263.8	263.3	260.8	256.9	250.7	242.6	233.4
-45°	233.1	235.1	235.5	234.0	235.5	235.1	233.1	230.0	224.9	217.9	209.8
-47.5°	210.7	211.9	212.3	211.6	212.3	211.9	210.7	208.7	204.7	198.7	191.6
-50°	193.5	194.3	194.4	193.7	194.4	194.3	193.5	192.1	189.0	183.1	176.3
-52.5°	179.1	179.7	180.1	180.3	180.1	179.7	179.1	178.0	175.6	170.0	164.1
-55°	167.0	167.8	168.2	168.4	168.2	167.8	167.0	165.9	164.3	159.0	153.1
-57.5°	156.7	157.4	157.9	158.0	157.9	157.4	156.7	155.7	154.4	149.3	143.6
-60°	145.9	146.8	147.3	147.5	147.3	146.8	145.9	144.7	143.3	138.8	133.6
-62.5°	131.7	132.1	132.4	132.6	132.4	132.1	131.7	130.9	129.8	126.3	121.5
-65°	117.8	118.6	119.1	119.2	119.1	118.6	117.8	116.6	115.1	112.0	107.7
-67.5°	102.7	103.8	104.9	105.8	104.9	103.8	102.7	101.4	99.7	97.1	93.4
-70°	89.1	90.4	90.8	90.9	90.8	90.4	89.1	87.5	85.8	83.5	80.3
-72.5°	75.8	77.1	78.1	79.0	78.1	77.1	75.8	74.4	72.8	70.8	68.1
-75°	62.6	63.7	64.0	64.1	64.0	63.7	62.6	61.2	59.8	58.0	55.6
-77.5°	49.3	50.4	50.6	50.7	50.6	50.4	49.3	48.2	46.9	45.5	43.7
-80°	36.5	37.1	37.9	38.7	37.9	37.1	36.5	35.8	35.1	34.3	33.0
-82.5°	25.1	25.2	25.3	25.3	25.3	25.2	25.1	24.9	24.6	24.2	23.1
-85°	15.9	16.3	16.4	16.4	16.4	16.3	15.9	15.4	14.9	14.4	13.8
-87.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.2	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
65°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
62.5°	1.5	1.7	1.7	1.6	1.2	0.7	0.9	1.0	0.7	0.1	0.5
60°	5.6	3.6	5.1	5.6	4.9	3.5	3.6	3.3	2.8	2.2	1.5
57.5°	18.4	17.8	14.6	12.6	12.0	10.6	8.8	7.0	6.2	5.0	3.5
55°	25.3	24.3	22.6	20.2	17.5	16.7	15.2	13.0	10.9	8.5	6.9
52.5°	31.1	31.4	30.4	27.5	25.1	23.5	21.4	19.4	16.9	14.5	11.3
50°	44.5	42.8	41.2	39.5	35.7	32.0	29.4	26.6	23.0	20.3	17.6
47.5°	56.8	54.3	52.5	50.3	46.0	42.1	38.1	34.1	29.6	25.3	22.7
45°	67.3	63.7	60.4	57.7	53.9	49.5	45.8	41.4	36.3	31.3	26.7
42.5°	78.0	72.4	68.0	65.3	60.8	56.2	52.1	48.7	43.1	37.4	32.7
40°	92.3	81.1	77.0	75.9	71.6	64.3	60.8	57.1	51.1	43.6	39.1
37.5°	115.7	100.8	93.5	89.6	85.7	78.2	71.4	66.5	61.1	52.7	46.2
35°	149.0	131.5	115.5	107.2	102.6	92.3	83.4	76.6	70.3	62.3	53.8
32.5°	178.1	158.4	139.3	124.9	114.5	105.0	95.0	86.7	78.4	70.2	61.9
30°	220.7	187.7	161.4	141.1	127.8	116.0	105.4	95.3	85.9	77.3	68.9
27.5°	278.5	225.8	190.1	161.6	141.7	127.7	115.6	103.9	93.1	83.8	75.2
25°	363.4	279.3	226.0	187.4	158.6	140.6	126.8	113.3	100.6	90.1	82.8
22.5°	485.6	370.6	282.7	215.4	183.3	160.4	140.1	123.0	108.7	99.3	90.7
20°	695.9	496.1	366.1	279.7	220.6	183.9	156.1	136.1	121.5	109.3	98.6
17.5°	1055.3	731.1	474.0	360.2	276.0	219.0	178.9	152.3	133.9	119.4	106.7
15°	1495.8	1003.5	662.7	464.1	338.3	248.3	200.4	168.5	146.7	130.0	114.7
12.5°	1954.5	1262.6	819.0	543.0	382.8	279.5	222.9	186.9	159.5	137.6	120.0
10°	2353.1	1528.9	976.4	636.2	433.2	309.5	240.8	198.5	167.2	143.1	124.5
7.5°	2793.4	1801.2	1121.4	704.5	474.7	333.5	252.8	206.3	173.5	147.7	128.3
5°	3119.6	2009.1	1244.0	766.7	506.0	351.8	262.2	211.9	178.4	151.3	131.2
2.5°	3338.4	2153.9	1321.0	809.6	525.4	365.8	269.8	217.2	182.3	155.0	134.5
0°	3406.7	2168.3	1380.0	836.0	538.0	378.5	275.7	222.0	184.8	158.0	137.1
-2.5°	3427.5	2193.1	1374.1	841.8	542.3	385.3	278.2	222.9	186.8	159.1	137.5
-5°	3291.5	2128.9	1343.3	835.9	539.1	385.2	282.4	224.6	187.9	159.4	137.2
-7.5°	3052.3	1990.0	1262.6	798.0	523.4	379.0	285.4	226.7	188.9	160.6	138.2
-10°	2688.6	1767.2	1137.3	734.5	497.4	367.3	282.7	225.6	188.2	160.4	138.5
-12.5°	2322.6	1517.6	974.9	645.5	454.9	345.5	272.0	221.0	185.8	158.8	137.8
-15°	1857.9	1270.3	854.5	584.5	416.7	322.0	258.6	213.7	181.8	155.8	136.2
-17.5°	1492.3	1030.5	699.9	501.2	379.8	301.4	248.1	207.8	177.2	152.8	134.1
-20°	1148.0	811.6	592.6	441.0	341.9	276.0	233.9	199.2	171.8	149.7	132.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	865.2	657.3	491.8	379.1	306.5	256.4	219.7	189.6	165.2	145.3	129.5
-25°	672.2	524.2	411.3	334.9	275.3	234.8	206.5	181.9	160.0	140.9	126.4
-27.5°	531.6	425.7	353.0	293.7	250.0	220.1	195.9	174.0	154.4	137.6	123.2
-30°	430.5	361.7	305.7	261.2	230.1	205.1	185.6	167.3	149.2	133.3	119.7
-32.5°	352.6	310.4	268.3	236.4	210.5	191.3	175.4	160.0	142.9	128.9	116.2
-35°	301.9	271.2	241.3	215.9	194.0	179.5	165.3	150.9	136.9	123.9	112.1
-37.5°	266.6	241.6	219.1	198.5	182.3	168.6	156.2	143.5	130.7	118.8	107.9
-40°	239.1	217.8	200.1	184.5	171.5	159.8	148.5	136.7	125.4	113.4	103.3
-42.5°	216.7	199.9	184.5	172.6	161.5	151.5	141.6	131.3	120.2	108.8	98.2
-45°	198.2	185.0	172.1	161.5	152.1	143.7	136.0	125.7	114.9	103.6	92.8
-47.5°	182.7	171.7	161.0	151.1	143.3	136.0	128.7	119.6	108.2	97.6	88.4
-50°	168.9	160.1	151.0	141.9	135.0	128.3	120.6	111.2	101.3	92.6	83.9
-52.5°	157.8	149.9	141.9	134.2	127.6	120.6	112.3	104.1	95.7	87.5	79.5
-55°	146.6	140.1	133.7	127.4	121.2	113.9	106.3	98.2	89.9	82.2	74.1
-57.5°	137.7	131.8	126.0	120.4	114.8	107.6	99.8	91.8	83.3	75.5	67.9
-60°	128.3	123.2	117.5	112.0	106.6	100.3	91.8	83.6	75.8	68.4	61.1
-62.5°	116.6	111.6	106.7	101.3	95.7	89.4	81.7	74.2	67.5	61.0	54.4
-65°	103.2	98.6	93.9	88.6	82.7	76.2	69.7	64.2	58.9	53.5	47.6
-67.5°	89.5	85.3	80.4	75.1	70.1	64.9	60.2	55.4	50.6	45.5	40.3
-70°	77.1	73.8	69.8	65.2	60.4	55.5	51.0	46.6	42.0	37.8	33.8
-72.5°	65.2	62.1	58.5	54.3	50.1	46.0	42.2	38.6	35.1	31.6	28.0
-75°	53.1	50.5	47.7	44.3	40.9	37.4	34.3	31.4	28.4	25.4	22.3
-77.5°	41.9	40.0	37.9	35.2	32.5	29.8	27.2	24.6	22.1	19.8	17.7
-80°	31.7	30.3	28.7	26.5	24.4	22.2	20.2	18.4	16.7	15.2	13.7
-82.5°	22.0	20.9	19.8	18.3	16.7	15.2	13.8	12.7	11.6	10.6	9.6
-85°	13.2	12.6	12.0	11.1	10.3	9.5	8.8	8.2	7.6	6.9	6.3
-87.5°	6.3	5.9	5.4	5.3	5.2	5.1	4.9	4.5	4.0	3.6	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	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
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.6	0.6	0.5
67.5°	0.0	0.0	0.0	0.3	0.5	0.4	0.1	0.3	0.6	1.0	0.8
65°	0.5	0.4	0.0	0.4	0.7	1.0	0.7	0.5	0.7	1.0	1.2
62.5°	0.9	1.1	0.8	0.6	0.8	1.2	1.4	0.9	0.8	1.1	1.4
60°	1.0	1.3	1.5	1.2	1.1	1.3	1.5	1.4	1.1	1.1	1.5
57.5°	2.6	1.7	1.7	1.6	1.4	1.4	1.5	1.5	1.3	1.3	1.5
55°	4.9	3.6	2.5	2.0	1.7	1.5	1.5	1.5	1.5	1.4	1.5
52.5°	8.5	6.2	4.5	3.1	2.3	1.7	1.7	1.5	1.5	1.5	1.5
50°	13.5	9.7	7.1	5.1	3.2	2.5	1.9	1.7	1.5	1.5	1.5
47.5°	19.7	14.5	10.4	7.5	5.3	3.4	2.7	2.1	1.5	1.5	1.5
45°	24.3	20.2	14.4	10.5	7.4	5.1	3.6	2.5	1.9	1.6	1.5
42.5°	28.9	25.1	19.6	13.4	10.1	7.0	4.6	3.3	2.3	1.6	1.6
40°	34.7	30.0	24.6	18.2	13.2	8.9	6.2	4.3	2.8	1.9	1.7
37.5°	40.7	35.4	29.6	22.9	16.6	11.8	7.9	5.3	3.5	2.4	1.8
35°	47.3	41.1	34.5	27.4	20.7	14.8	9.4	6.5	4.4	3.0	2.0
32.5°	54.1	46.5	39.0	31.8	24.4	17.9	11.7	8.0	5.3	3.6	2.2
30°	60.7	51.9	43.2	35.9	28.1	21.1	14.5	9.6	6.2	4.2	2.5
27.5°	66.7	57.1	47.3	39.6	31.7	24.2	17.4	11.4	7.0	4.8	3.0
25°	72.9	62.5	51.9	42.9	35.1	27.2	20.0	13.4	8.3	5.5	3.5
22.5°	80.0	67.9	56.4	45.9	38.7	30.3	22.6	15.6	9.8	6.2	3.9
20°	87.7	73.3	60.9	50.1	42.1	33.4	25.1	17.7	11.3	6.8	4.4
17.5°	95.5	79.1	66.3	55.0	45.4	36.2	27.5	19.7	12.8	7.4	4.9
15°	100.8	85.0	71.2	59.5	48.7	38.9	29.7	21.4	14.3	8.0	5.4
12.5°	105.2	90.0	75.5	63.6	52.0	41.4	31.8	22.9	15.8	8.7	5.8
10°	109.1	94.3	79.2	67.4	55.2	43.6	33.8	24.3	17.2	9.7	6.2
7.5°	112.5	97.8	82.4	70.9	58.2	45.8	35.4	25.5	18.4	10.6	6.6
5°	115.3	100.8	85.1	73.1	61.0	48.2	36.7	26.6	19.4	11.6	6.9
2.5°	117.5	103.6	87.5	74.8	63.5	50.3	37.8	27.5	20.2	12.5	7.2
0°	119.2	105.8	89.4	76.0	65.6	52.2	38.7	28.3	20.9	13.4	7.5
-2.5°	120.3	106.2	91.5	77.4	66.8	53.7	40.5	29.3	21.4	14.2	7.9
-5°	120.8	106.1	93.0	78.5	67.7	55.0	42.1	30.1	21.9	14.8	8.3
-7.5°	121.4	106.6	93.9	79.4	68.3	55.9	43.2	30.7	22.2	15.4	8.7
-10°	121.7	107.1	94.1	80.4	68.8	56.6	44.0	31.0	22.4	15.8	9.0
-12.5°	121.3	107.1	94.0	81.0	69.0	57.0	44.4	31.6	22.6	16.0	9.3
-15°	120.4	106.4	93.8	81.0	69.0	57.2	44.5	32.1	23.1	16.1	9.5
-17.5°	118.9	105.2	93.4	80.6	68.7	57.1	44.4	32.4	23.3	15.9	9.7
-20°	117.4	104.1	92.9	79.5	68.2	56.8	44.0	32.3	23.3	15.7	9.9

Classified

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



REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	115.5	103.0	91.3	78.4	67.4	56.2	43.4	32.0	23.0	15.3	10.1
-25°	113.0	101.4	89.4	77.5	66.5	55.2	42.7	31.3	22.5	14.9	10.1
-27.5°	110.6	99.2	87.4	76.4	65.2	53.9	41.7	30.6	21.7	14.3	10.1
-30°	107.7	96.8	85.7	74.8	63.4	52.1	40.4	29.6	20.9	14.0	10.0
-32.5°	104.6	94.3	83.7	72.4	61.1	50.1	38.6	28.2	20.0	13.8	9.9
-35°	101.5	91.6	81.4	69.4	58.7	47.9	36.8	26.3	19.0	13.5	9.7
-37.5°	97.8	88.2	77.5	66.2	56.1	45.6	35.2	25.3	17.8	13.1	9.5
-40°	93.6	84.0	73.1	63.2	53.3	43.1	33.4	24.4	17.0	12.6	9.3
-42.5°	88.9	79.3	69.5	60.1	50.5	40.9	31.5	23.3	16.7	12.2	9.0
-45°	84.1	75.0	66.2	56.9	47.6	38.7	30.0	22.0	16.1	11.9	8.7
-47.5°	79.6	71.4	62.7	53.5	45.0	36.4	28.2	21.2	15.4	11.4	8.5
-50°	75.8	67.5	58.7	50.1	42.0	34.1	26.3	20.0	14.8	11.0	8.1
-52.5°	71.3	63.0	54.4	46.2	38.9	31.6	24.7	18.7	14.0	10.5	7.7
-55°	66.1	57.9	49.6	42.4	35.6	29.1	22.8	17.4	13.0	9.9	7.2
-57.5°	60.0	52.0	45.2	38.7	32.2	26.3	20.7	15.7	12.0	9.2	6.6
-60°	53.8	47.2	41.0	34.7	28.7	23.4	18.4	14.1	11.1	8.4	6.0
-62.5°	48.2	42.2	36.1	30.3	25.1	20.3	15.9	12.8	10.0	7.5	5.3
-65°	41.9	36.2	30.8	26.0	21.4	17.4	14.3	11.5	8.9	6.6	4.7
-67.5°	35.1	30.7	26.1	21.8	18.3	15.3	12.5	10.0	7.7	5.6	4.3
-70°	29.7	25.5	21.8	18.7	15.8	13.2	10.7	8.5	6.4	5.0	3.8
-72.5°	24.5	21.3	18.3	15.7	13.2	10.9	8.8	7.0	5.6	4.4	3.4
-75°	19.6	17.2	14.9	12.6	10.5	8.6	7.2	5.9	4.7	3.7	3.0
-77.5°	15.6	13.5	11.4	9.8	8.5	7.3	6.0	4.7	3.9	3.2	2.6
-80°	12.0	10.6	9.3	8.2	7.0	5.9	4.9	4.0	3.4	2.8	2.1
-82.5°	8.6	7.9	7.2	6.6	5.7	4.8	4.0	3.4	2.8	2.3	1.7
-85°	5.9	5.5	5.2	4.9	4.3	3.7	3.1	2.5	2.0	1.5	1.1
-87.5°	3.0	2.9	2.7	2.6	2.2	1.9	1.6	1.3	1.0	0.8	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626788 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.2	0.0	0.0	0.2	0.0
70°	0.2	0.3	0.3	0.0	0.1	0.3	0.0
67.5°	0.5	0.5	0.5	0.2	0.1	0.3	0.0
65°	0.9	0.6	0.6	0.3	0.1	0.3	0.0
62.5°	1.2	0.9	0.8	0.5	0.2	0.4	0.0
60°	1.5	1.0	0.9	0.6	0.2	0.4	0.0
57.5°	1.5	1.2	1.1	0.8	0.3	0.5	0.0
55°	1.5	1.4	1.2	1.0	0.5	0.5	0.0
52.5°	1.5	1.5	1.2	1.1	0.6	0.6	0.0
50°	1.5	1.5	1.3	1.3	0.7	0.6	0.0
47.5°	1.5	1.5	1.4	1.4	0.8	0.6	0.0
45°	1.5	1.5	1.4	1.5	0.9	0.7	0.0
42.5°	1.5	1.5	1.5	1.5	1.0	0.7	0.0
40°	1.5	1.5	1.5	1.5	1.0	0.8	0.0
37.5°	1.5	1.5	1.5	1.5	1.1	0.8	0.0
35°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
32.5°	1.5	1.5	1.5	1.5	1.2	0.9	0.0
30°	1.7	1.5	1.5	1.5	1.3	1.0	0.0
27.5°	1.9	1.5	1.5	1.5	1.3	1.0	0.0
25°	2.0	1.5	1.5	1.5	1.4	1.1	0.0
22.5°	2.2	1.5	1.5	1.5	1.4	1.1	0.0
20°	2.4	1.6	1.5	1.5	1.4	1.2	0.0
17.5°	2.7	1.8	1.5	1.5	1.5	1.2	0.0
15°	3.0	1.9	1.5	1.5	1.5	1.3	0.0
12.5°	3.3	2.1	1.5	1.5	1.5	1.3	0.0
10°	3.6	2.3	1.5	1.5	1.5	1.3	0.0
7.5°	3.8	2.5	1.5	1.5	1.5	1.4	0.0
5°	4.1	2.6	1.5	1.5	1.5	1.4	0.0
2.5°	4.3	2.8	1.5	1.5	1.5	1.5	0.0
0°	4.5	3.0	1.5	1.5	1.5	1.5	0.0
-2.5°	4.9	3.2	1.6	1.5	1.5	1.5	0.0
-5°	5.3	3.3	1.8	1.5	1.5	1.5	0.0
-7.5°	5.6	3.4	1.9	1.5	1.5	1.5	0.0
-10°	5.9	3.5	2.0	1.5	1.5	1.5	0.0
-12.5°	6.1	3.6	2.1	1.5	1.5	1.5	0.0
-15°	6.3	3.7	2.2	1.5	1.5	1.4	0.0
-17.5°	6.4	3.8	2.2	1.5	1.5	1.4	0.0
-20°	6.5	3.8	2.3	1.5	1.5	1.4	0.0

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CATALOG NUMBER: GFLD-SA1E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.6	3.9	2.3	1.5	1.5	1.4	0.0
-25°	6.6	4.0	2.3	1.5	1.5	1.4	0.0
-27.5°	6.6	4.1	2.3	1.5	1.5	1.3	0.0
-30°	6.6	4.1	2.2	1.5	1.5	1.3	0.0
-32.5°	6.5	4.2	2.2	1.5	1.5	1.3	0.0
-35°	6.5	4.2	2.2	1.5	1.5	1.2	0.0
-37.5°	6.5	4.1	2.1	1.5	1.5	1.2	0.0
-40°	6.4	4.0	2.0	1.5	1.5	1.1	0.0
-42.5°	6.3	3.9	2.0	1.5	1.5	1.1	0.0
-45°	6.1	3.8	2.1	1.6	1.5	1.1	0.0
-47.5°	5.8	3.6	2.1	1.6	1.5	1.0	0.0
-50°	5.5	3.3	2.1	1.6	1.5	1.0	0.0
-52.5°	5.2	3.1	2.1	1.6	1.5	0.9	0.0
-55°	4.8	3.0	2.1	1.6	1.5	0.9	0.0
-57.5°	4.3	2.9	2.1	1.6	1.5	0.8	0.0
-60°	3.9	2.8	2.0	1.6	1.5	0.7	0.0
-62.5°	3.7	2.7	2.0	1.6	1.4	0.7	0.0
-65°	3.5	2.5	1.9	1.6	1.3	0.6	0.0
-67.5°	3.2	2.4	1.8	1.5	1.1	0.6	0.0
-70°	2.9	2.2	1.7	1.5	1.0	0.5	0.0
-72.5°	2.6	2.0	1.6	1.3	0.9	0.5	0.0
-75°	2.3	1.8	1.5	1.2	0.8	0.4	0.0
-77.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)