

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: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N30
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3015.2 lumens
Efficiency: N/A
Efficacy: 166.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 3542.7 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 2001.3 lumens
Beam Efficiency: 66.4%

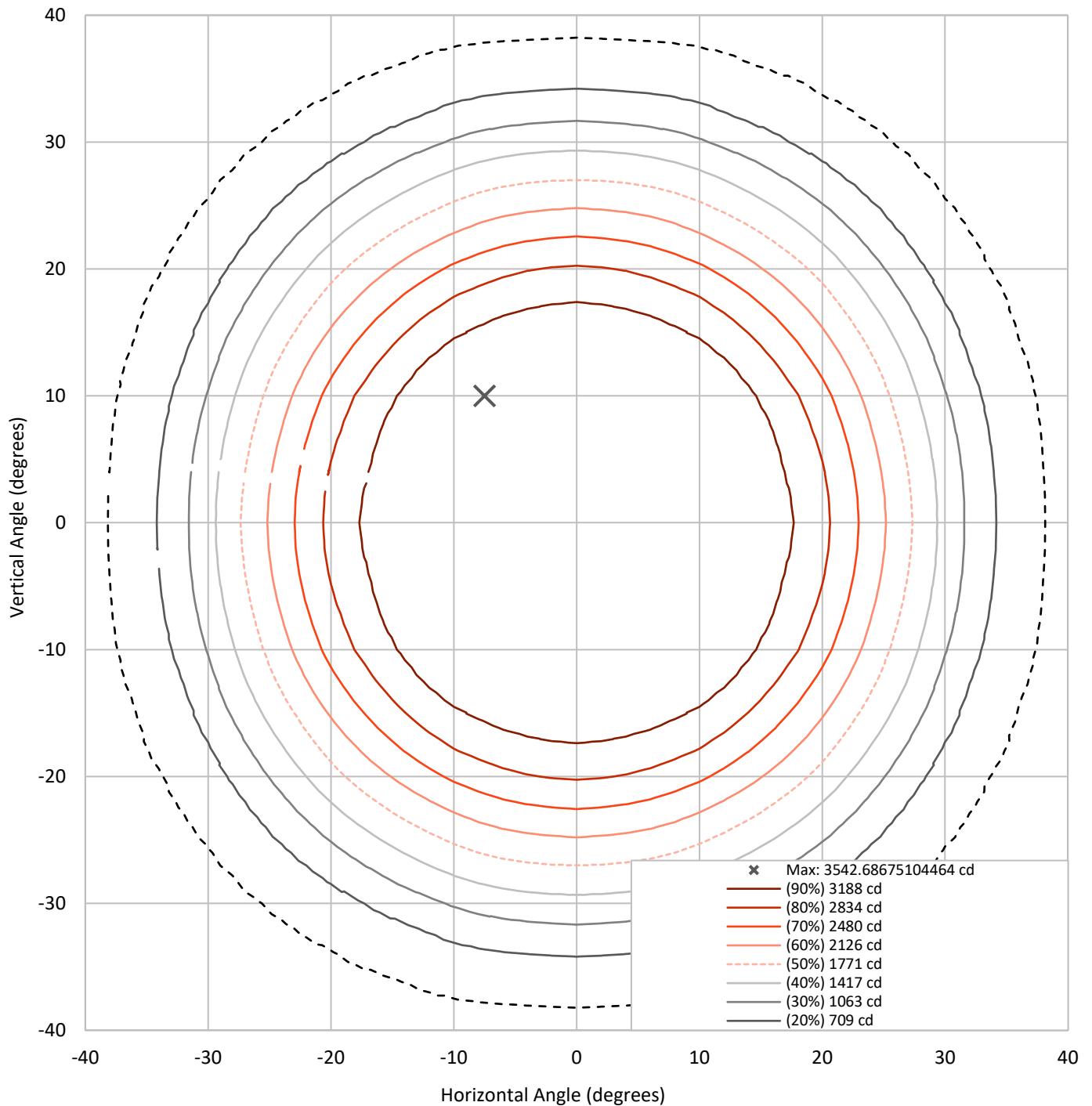
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 2602.3 lumens
Field Efficiency: 86.3%

Input Watts (W): 18.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

Iso-Candela Plot





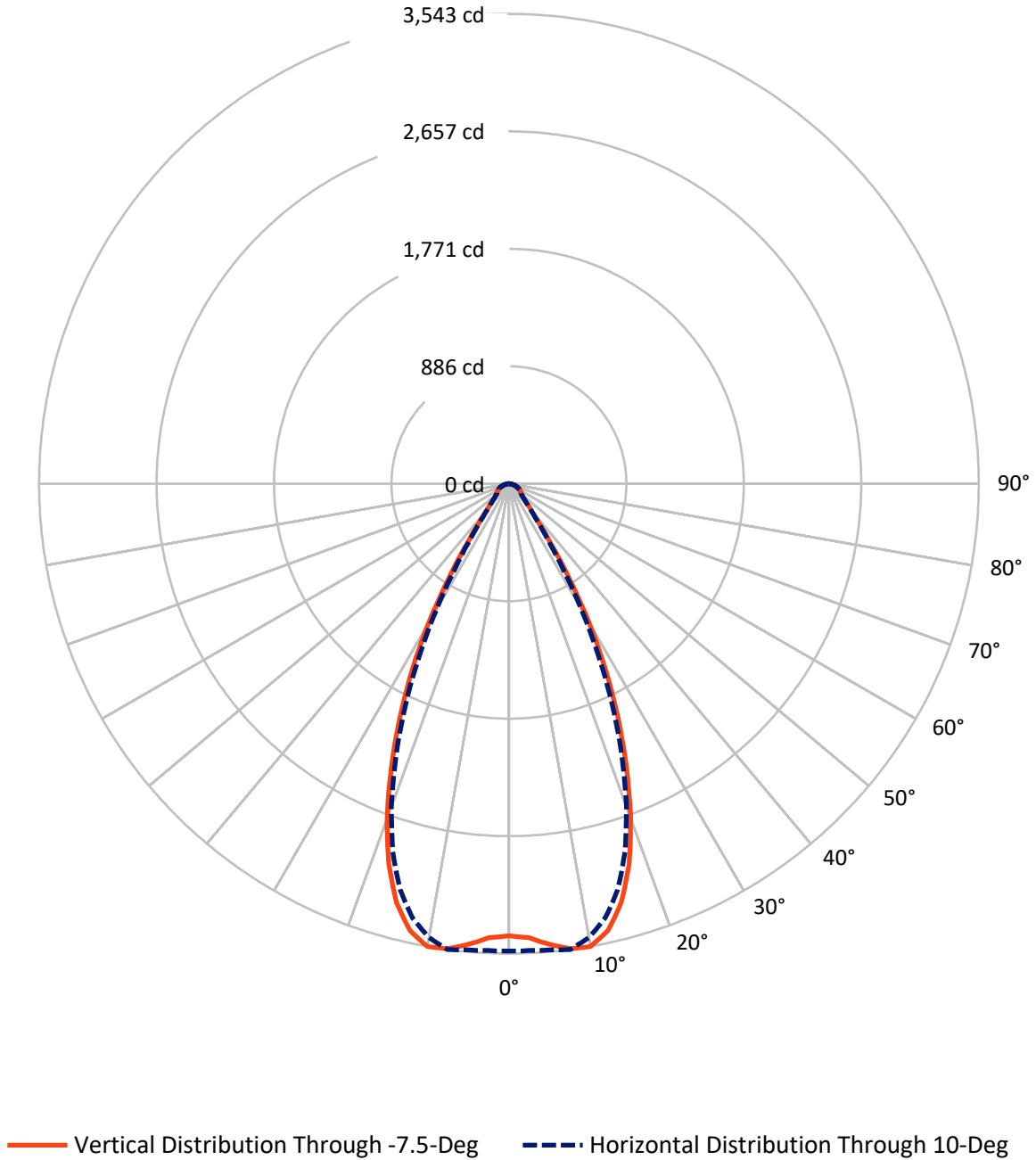
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Lumen Table

90																			
80	0.1	0.7		1.9		3.0		3.3		3.0		1.9		0.7		0.1			
70																			
60	0.3	0.4	0.7	1.2	1.7	2.1	2.3	2.5	2.5	2.3	2.1	1.7	1.2	0.7	0.4	0.3			
50		0.5	1.1	1.7	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.7	1.1	0.5				
40	0.6	0.7	1.4	2.1	2.8	3.7	4.6	5.3	5.3	4.6	3.7	2.8	2.1	1.4	0.7	0.6			
30		0.8	1.6	2.4	3.8	6.9	13.1	19.4	19.4	13.1	6.9	3.8	2.4	1.6	0.8				
20	0.7	0.9	1.7	2.8	6.2	19.4	43.4	60.6	60.6	43.4	19.4	6.2	2.8	1.7	0.9	0.7			
10		1.0	1.8	3.4	11.2	41.3	78.8	98.6	98.6	78.8	41.3	11.2	3.4	1.8	1.0				
0	0.8	1.0	1.9	3.8	16.1	56.5	95.6	104.0	104.0	95.6	56.5	16.1	3.8	1.9	1.0	0.8			
-10		1.0	1.9	3.8	16.1	56.5	95.6	104.0	104.0	95.6	56.5	16.1	3.8	1.9	1.0				
-20	0.7	1.0	1.8	3.4	11.2	41.3	78.8	98.6	98.6	78.8	41.3	11.2	3.4	1.8	1.0	0.7			
-30		0.9	1.7	2.8	6.2	19.4	43.4	60.6	60.6	43.4	19.4	6.2	2.8	1.7	0.9				
-40	0.6	0.8	1.6	2.4	3.8	6.9	13.1	19.4	19.4	13.1	6.9	3.8	2.4	1.6	0.8	0.6			
-50		0.7	1.4	2.1	2.8	3.7	4.6	5.3	5.3	4.6	3.7	2.8	2.1	1.4	0.7				
-60	0.3	0.5	1.1	1.7	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.7	1.1	0.5	0.3			
-70		0.4	0.7	1.2	1.7	2.1	2.3	2.5	2.5	2.3	2.1	1.7	1.2	0.7	0.4				
-80																			
-90	0.1	0.7		1.9		3.0		3.3		3.0		1.9		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

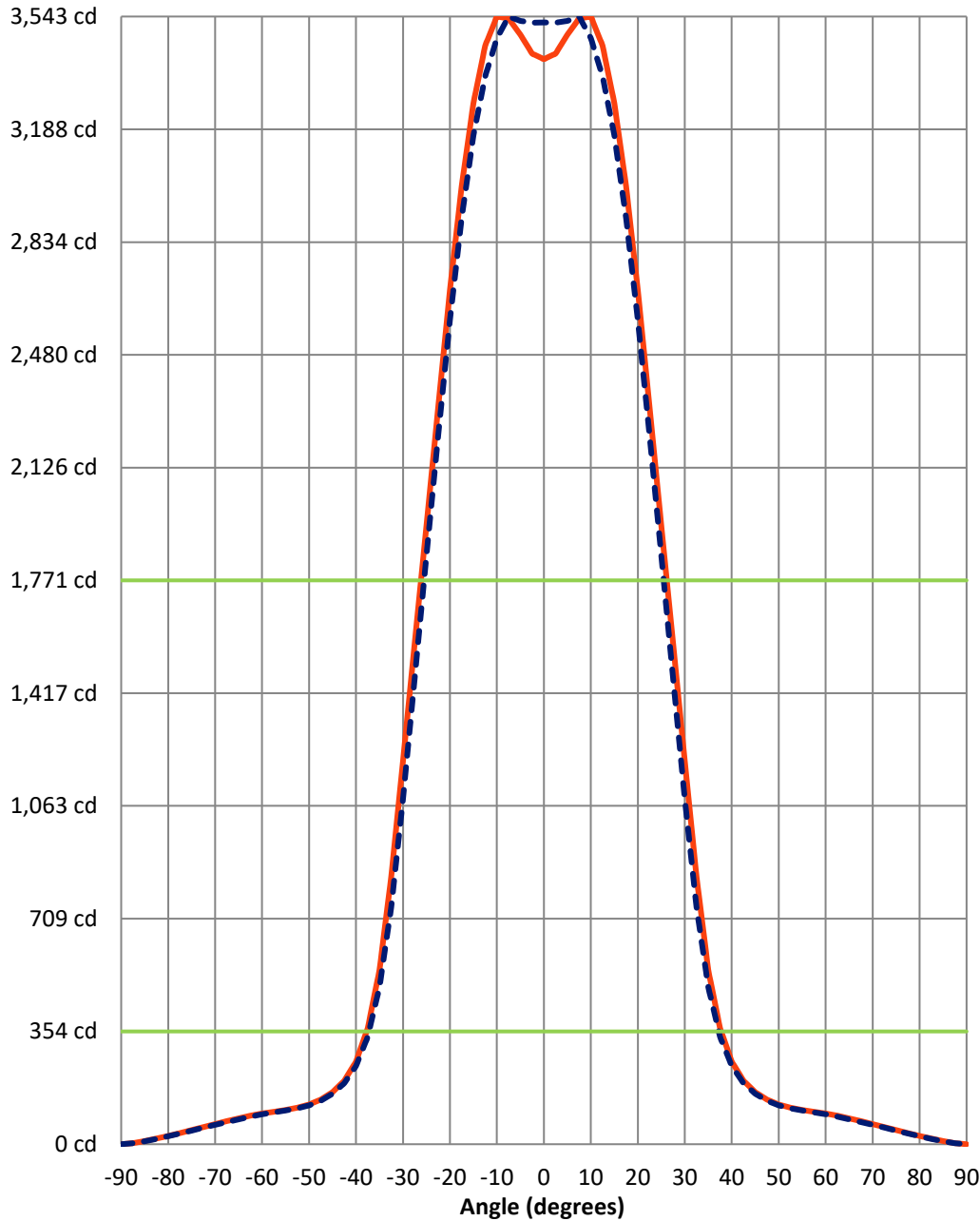
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 2001.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 2602.3
 Efficiency: 86.3%

Spill:
 Lumens: 412.9
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	1.6
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	2.0	2.3	2.7	3.1
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.5	4.5	5.3
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	4.5	5.7	6.9	7.9
77.5°	0.0	0.7	1.3	2.0	2.7	3.6	5.0	6.5	7.9	9.3	10.7
75°	0.0	0.8	1.6	2.4	3.3	5.0	6.7	8.5	10.2	12.1	14.0
72.5°	0.0	0.9	1.9	2.8	4.4	6.5	8.4	10.5	12.8	15.1	17.4
70°	0.0	1.1	2.1	3.3	5.6	7.8	10.2	12.8	15.5	18.1	20.8
67.5°	0.0	1.2	2.4	4.1	6.7	9.2	12.1	15.1	18.1	21.1	24.2
65°	0.0	1.3	2.6	4.9	7.7	10.7	14.0	17.4	20.7	24.1	27.7
62.5°	0.0	1.4	2.9	5.7	8.8	12.2	15.9	19.5	23.2	27.0	31.4
60°	0.0	1.5	3.1	6.5	9.8	13.7	17.7	21.7	25.7	30.3	35.0
57.5°	0.0	1.7	3.6	7.2	11.0	15.2	19.5	23.8	28.4	33.4	38.5
55°	0.0	1.8	4.1	8.0	12.1	16.6	21.2	25.8	31.0	36.5	41.8
52.5°	0.0	1.9	4.5	8.7	13.2	17.9	22.9	28.0	33.6	39.3	44.9
50°	0.0	2.0	5.0	9.4	14.2	19.3	24.6	30.2	36.1	42.1	48.0
47.5°	0.0	2.1	5.4	10.1	15.2	20.7	26.3	32.3	38.5	44.8	51.0
45°	0.0	2.2	5.8	10.8	16.2	22.0	28.0	34.3	40.8	47.4	53.9
42.5°	0.0	2.3	6.2	11.5	17.1	23.3	29.6	36.2	43.0	49.8	56.6
40°	0.0	2.4	6.6	12.1	18.0	24.5	31.2	38.1	45.1	52.2	59.2
37.5°	0.0	2.5	6.9	12.7	18.9	25.6	32.6	39.8	47.1	54.5	61.7
35°	0.0	2.5	7.3	13.2	19.8	26.8	34.0	41.4	49.0	56.6	64.1
32.5°	0.0	2.6	7.6	13.7	20.6	27.8	35.3	42.8	50.9	58.6	66.2
30°	0.0	2.7	7.9	14.2	21.4	28.8	36.5	44.2	52.6	60.5	68.1
27.5°	0.0	2.7	8.1	14.6	22.0	29.7	37.5	45.6	54.1	62.1	69.9
25°	0.0	2.8	8.3	15.0	22.7	30.6	38.5	46.9	55.5	63.6	71.5
22.5°	0.0	2.9	8.5	15.4	23.2	31.3	39.4	48.0	56.7	64.9	73.0
20°	0.0	2.9	8.7	15.7	23.7	32.0	40.2	49.1	57.8	66.1	74.3
17.5°	0.0	3.0	8.9	16.0	24.1	32.5	40.9	50.0	58.8	67.1	75.5
15°	0.0	3.0	9.0	16.2	24.5	33.0	41.6	50.9	59.6	68.0	76.5
12.5°	0.0	3.0	9.1	16.4	24.8	33.4	42.1	51.6	60.3	68.8	77.3
10°	0.0	3.1	9.2	16.5	25.1	33.7	42.6	52.2	60.9	69.4	78.0
7.5°	0.0	3.1	9.3	16.6	25.3	33.9	42.9	52.7	61.4	70.0	78.6
5°	0.0	3.1	9.3	16.7	25.4	34.1	43.2	53.0	61.7	70.4	79.0
2.5°	0.0	3.1	9.3	16.7	25.4	34.1	43.3	53.2	61.9	70.6	79.3
0°	0.0	3.1	9.3	16.7	25.4	34.1	43.4	53.3	62.0	70.7	79.4
-2.5°	0.0	3.1	9.3	16.7	25.4	34.1	43.3	53.2	61.9	70.6	79.3
-5°	0.0	3.1	9.3	16.7	25.4	34.1	43.2	53.0	61.7	70.4	79.0
-7.5°	0.0	3.1	9.3	16.6	25.3	33.9	42.9	52.7	61.4	70.0	78.6
-10°	0.0	3.1	9.2	16.5	25.1	33.7	42.6	52.2	60.9	69.4	78.0
-12.5°	0.0	3.0	9.1	16.4	24.8	33.4	42.1	51.6	60.3	68.8	77.3
-15°	0.0	3.0	9.0	16.2	24.5	33.0	41.6	50.9	59.6	68.0	76.5
-17.5°	0.0	3.0	8.9	16.0	24.1	32.5	40.9	50.0	58.8	67.1	75.5
-20°	0.0	2.9	8.7	15.7	23.7	32.0	40.2	49.1	57.8	66.1	74.3

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CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	8.5	15.4	23.2	31.3	39.4	48.0	56.7	64.9	73.0
-25°	0.0	2.8	8.3	15.0	22.7	30.6	38.5	46.9	55.5	63.6	71.5
-27.5°	0.0	2.7	8.1	14.6	22.0	29.7	37.5	45.6	54.1	62.1	69.9
-30°	0.0	2.7	7.9	14.2	21.4	28.8	36.5	44.2	52.6	60.5	68.1
-32.5°	0.0	2.6	7.6	13.7	20.6	27.8	35.3	42.8	50.9	58.6	66.2
-35°	0.0	2.5	7.3	13.2	19.8	26.8	34.0	41.4	49.0	56.6	64.1
-37.5°	0.0	2.5	6.9	12.7	18.9	25.6	32.6	39.8	47.1	54.5	61.7
-40°	0.0	2.4	6.6	12.1	18.0	24.5	31.2	38.1	45.1	52.2	59.2
-42.5°	0.0	2.3	6.2	11.5	17.1	23.3	29.6	36.2	43.0	49.8	56.6
-45°	0.0	2.2	5.8	10.8	16.2	22.0	28.0	34.3	40.8	47.4	53.9
-47.5°	0.0	2.1	5.4	10.1	15.2	20.7	26.3	32.3	38.5	44.8	51.0
-50°	0.0	2.0	5.0	9.4	14.2	19.3	24.6	30.2	36.1	42.1	48.0
-52.5°	0.0	1.9	4.5	8.7	13.2	17.9	22.9	28.0	33.6	39.3	44.9
-55°	0.0	1.8	4.1	8.0	12.1	16.6	21.2	25.8	31.0	36.5	41.8
-57.5°	0.0	1.7	3.6	7.2	11.0	15.2	19.5	23.8	28.4	33.4	38.5
-60°	0.0	1.5	3.1	6.5	9.8	13.7	17.7	21.7	25.7	30.3	35.0
-62.5°	0.0	1.4	2.9	5.7	8.8	12.2	15.9	19.5	23.2	27.0	31.4
-65°	0.0	1.3	2.6	4.9	7.7	10.7	14.0	17.4	20.7	24.1	27.7
-67.5°	0.0	1.2	2.4	4.1	6.7	9.2	12.1	15.1	18.1	21.1	24.2
-70°	0.0	1.1	2.1	3.3	5.6	7.8	10.2	12.8	15.5	18.1	20.8
-72.5°	0.0	0.9	1.9	2.8	4.4	6.5	8.4	10.5	12.8	15.1	17.4
-75°	0.0	0.8	1.6	2.4	3.3	5.0	6.7	8.5	10.2	12.1	14.0
-77.5°	0.0	0.7	1.3	2.0	2.7	3.6	5.0	6.5	7.9	9.3	10.7
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	4.5	5.7	6.9	7.9
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.5	4.5	5.3
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	2.0	2.3	2.7	3.1
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	1.6
-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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CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
85°	3.4	3.7	4.2	4.7	5.2	5.6	6.1	6.5	6.9	7.3	7.7
82.5°	6.1	6.9	7.7	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.5
80°	9.0	10.1	11.4	12.6	13.7	14.7	15.7	16.7	17.7	18.8	19.9
77.5°	12.4	14.0	15.5	16.9	18.2	19.7	21.2	22.5	24.0	25.4	26.7
75°	16.0	17.8	19.7	21.6	23.4	25.2	27.0	28.7	30.5	32.3	34.0
72.5°	19.7	22.0	24.3	26.5	28.7	31.0	33.1	35.2	37.3	39.5	41.5
70°	23.5	26.2	28.9	31.6	34.2	36.8	39.4	41.9	44.4	46.9	49.4
67.5°	27.4	30.7	33.8	36.8	39.8	42.9	45.8	48.8	51.7	54.7	57.5
65°	31.7	35.3	38.7	42.1	45.5	49.1	52.6	55.9	59.3	62.6	65.6
62.5°	35.8	39.7	43.5	47.3	51.4	55.4	59.2	63.1	67.1	70.5	73.5
60°	39.7	43.9	48.2	52.6	57.1	61.4	65.7	69.9	74.1	78.1	80.5
57.5°	43.4	48.1	52.8	57.6	62.3	67.1	71.6	76.2	80.2	83.5	86.4
55°	47.0	52.1	57.1	62.1	67.2	72.3	77.1	81.5	85.4	88.2	90.9
52.5°	50.5	55.9	61.1	66.5	71.9	77.3	82.4	86.5	89.6	92.5	95.0
50°	53.9	59.4	64.9	70.8	76.5	82.1	86.9	90.5	93.7	96.5	99.1
47.5°	57.1	62.9	68.7	74.9	80.9	86.4	90.8	94.5	97.8	100.8	104.0
45°	60.2	66.3	72.5	78.8	85.0	90.3	94.6	98.6	101.6	105.0	108.6
42.5°	63.2	69.6	76.1	82.6	88.9	93.8	98.1	101.8	105.4	109.3	113.7
40°	66.0	72.7	79.4	86.3	92.5	96.9	101.1	105.0	109.3	114.0	119.1
37.5°	68.7	75.6	82.6	89.7	95.2	99.7	104.0	108.3	113.4	118.8	125.7
35°	71.1	78.3	85.6	92.4	97.6	102.4	106.8	111.6	117.5	124.7	133.5
32.5°	73.4	80.8	88.3	94.6	99.8	104.8	109.3	115.3	122.5	131.0	143.4
30°	75.6	83.1	90.6	96.7	101.8	106.8	112.3	119.1	127.4	139.9	155.8
27.5°	77.6	85.2	92.4	98.4	103.6	108.7	115.1	123.4	134.4	149.2	169.1
25°	79.4	87.2	94.2	99.9	105.2	110.9	117.9	127.2	141.7	160.8	187.6
22.5°	81.0	89.0	95.8	101.2	106.8	112.9	121.1	132.7	149.4	171.8	206.3
20°	82.5	90.4	97.1	102.4	108.2	114.6	124.0	138.0	158.0	187.1	231.1
17.5°	83.8	91.6	98.1	103.6	109.6	116.5	126.8	142.5	165.7	200.4	256.2
15°	84.9	92.6	98.9	104.6	110.8	118.7	130.6	148.4	174.7	214.3	278.1
12.5°	85.8	93.4	99.5	105.4	111.8	120.5	133.9	154.0	184.0	231.3	310.3
10°	86.5	94.1	100.0	106.0	112.6	122.0	136.6	158.6	191.7	246.0	337.8
7.5°	87.1	94.6	100.4	106.5	113.2	123.0	138.6	162.1	197.6	257.6	359.6
5°	87.6	94.9	100.5	106.7	113.6	123.7	140.0	164.6	201.6	265.9	374.9
2.5°	87.9	95.0	100.5	106.8	114.0	124.1	140.7	165.9	204.9	269.8	383.2
0°	88.0	94.9	100.4	106.6	114.1	124.0	140.7	166.2	206.5	269.7	384.4
-2.5°	87.9	95.0	100.5	106.8	114.0	124.1	140.7	165.9	204.9	269.8	383.2
-5°	87.6	94.9	100.5	106.7	113.6	123.7	140.0	164.6	201.6	265.9	374.9
-7.5°	87.1	94.6	100.4	106.5	113.2	123.0	138.6	162.1	197.6	257.6	359.6
-10°	86.5	94.1	100.0	106.0	112.6	122.0	136.6	158.6	191.7	246.0	337.8
-12.5°	85.8	93.4	99.5	105.4	111.8	120.5	133.9	154.0	184.0	231.3	310.3
-15°	84.9	92.6	98.9	104.6	110.8	118.7	130.6	148.4	174.7	214.3	278.1
-17.5°	83.8	91.6	98.1	103.6	109.6	116.5	126.8	142.5	165.7	200.4	256.2
-20°	82.5	90.4	97.1	102.4	108.2	114.6	124.0	138.0	158.0	187.1	231.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	81.0	89.0	95.8	101.2	106.8	112.9	121.1	132.7	149.4	171.8	206.3
-25°	79.4	87.2	94.2	99.9	105.2	110.9	117.9	127.2	141.7	160.8	187.6
-27.5°	77.6	85.2	92.4	98.4	103.6	108.7	115.1	123.4	134.4	149.2	169.1
-30°	75.6	83.1	90.6	96.7	101.8	106.8	112.3	119.1	127.4	139.9	155.8
-32.5°	73.4	80.8	88.3	94.6	99.8	104.8	109.3	115.3	122.5	131.0	143.4
-35°	71.1	78.3	85.6	92.4	97.6	102.4	106.8	111.6	117.5	124.7	133.5
-37.5°	68.7	75.6	82.6	89.7	95.2	99.7	104.0	108.3	113.4	118.8	125.7
-40°	66.0	72.7	79.4	86.3	92.5	96.9	101.1	105.0	109.3	114.0	119.1
-42.5°	63.2	69.6	76.1	82.6	88.9	93.8	98.1	101.8	105.4	109.3	113.7
-45°	60.2	66.3	72.5	78.8	85.0	90.3	94.6	98.6	101.6	105.0	108.6
-47.5°	57.1	62.9	68.7	74.9	80.9	86.4	90.8	94.5	97.8	100.8	104.0
-50°	53.9	59.4	64.9	70.8	76.5	82.1	86.9	90.5	93.7	96.5	99.1
-52.5°	50.5	55.9	61.1	66.5	71.9	77.3	82.4	86.5	89.6	92.5	95.0
-55°	47.0	52.1	57.1	62.1	67.2	72.3	77.1	81.5	85.4	88.2	90.9
-57.5°	43.4	48.1	52.8	57.6	62.3	67.1	71.6	76.2	80.2	83.5	86.4
-60°	39.7	43.9	48.2	52.6	57.1	61.4	65.7	69.9	74.1	78.1	80.5
-62.5°	35.8	39.7	43.5	47.3	51.4	55.4	59.2	63.1	67.1	70.5	73.5
-65°	31.7	35.3	38.7	42.1	45.5	49.1	52.6	55.9	59.3	62.6	65.6
-67.5°	27.4	30.7	33.8	36.8	39.8	42.9	45.8	48.8	51.7	54.7	57.5
-70°	23.5	26.2	28.9	31.6	34.2	36.8	39.4	41.9	44.4	46.9	49.4
-72.5°	19.7	22.0	24.3	26.5	28.7	31.0	33.1	35.2	37.3	39.5	41.5
-75°	16.0	17.8	19.7	21.6	23.4	25.2	27.0	28.7	30.5	32.3	34.0
-77.5°	12.4	14.0	15.5	16.9	18.2	19.7	21.2	22.5	24.0	25.4	26.7
-80°	9.0	10.1	11.4	12.6	13.7	14.7	15.7	16.7	17.7	18.8	19.9
-82.5°	6.1	6.9	7.7	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.5
-85°	3.4	3.7	4.2	4.7	5.2	5.6	6.1	6.5	6.9	7.3	7.7
-87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-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: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	2.9	2.9	2.8	3.0	3.2	3.4	3.6	3.5	3.3
85°	8.0	8.2	8.4	8.5	8.6	9.0	9.4	9.7	10.0	10.0	10.0
82.5°	14.2	14.6	15.0	15.4	15.7	16.2	16.6	16.9	17.2	17.5	17.6
80°	20.9	21.7	22.3	22.9	23.4	24.0	24.6	25.1	25.5	25.7	25.8
77.5°	28.1	29.1	30.1	31.0	31.9	32.8	33.6	34.3	34.9	35.0	35.0
75°	35.6	37.0	38.4	39.7	40.8	41.8	42.7	43.4	44.0	44.3	44.4
72.5°	43.5	45.3	46.9	48.3	49.6	50.6	51.5	52.3	53.0	53.4	53.6
70°	51.7	53.8	55.5	56.9	57.9	59.0	60.1	61.2	62.3	62.8	63.0
67.5°	60.0	62.2	63.8	65.0	66.0	67.0	68.5	69.8	70.9	71.7	72.2
65°	68.2	70.5	72.0	73.2	74.1	75.1	76.7	78.0	79.0	79.8	80.5
62.5°	76.2	78.5	80.2	81.6	82.9	84.0	85.4	86.4	87.3	88.0	88.9
60°	83.1	85.9	87.7	89.1	90.7	92.5	93.4	94.3	95.0	95.6	96.1
57.5°	88.8	91.3	93.5	95.3	96.9	98.6	99.7	100.5	101.1	101.6	101.7
55°	93.6	96.1	98.6	100.5	102.2	103.7	104.9	105.9	106.7	107.4	107.6
52.5°	97.8	100.7	103.2	105.3	107.5	109.3	110.7	112.0	113.2	114.2	114.6
50°	102.4	105.4	108.5	111.4	113.7	115.8	117.5	119.4	121.4	123.1	124.1
47.5°	107.3	110.8	114.5	118.1	120.8	123.8	126.7	129.5	133.3	136.4	138.8
45°	112.4	116.8	121.1	125.6	129.4	135.1	140.4	145.0	151.0	156.5	160.8
42.5°	118.4	123.9	129.2	136.4	144.0	151.8	160.2	167.3	176.8	186.4	194.1
40°	125.5	132.6	141.9	151.6	163.5	174.2	188.7	201.7	216.1	234.4	249.6
37.5°	134.1	145.0	157.9	171.4	190.0	207.8	231.8	257.1	280.0	315.3	344.9
35°	145.2	160.4	177.4	201.4	227.7	261.1	298.5	347.3	389.2	448.6	505.3
32.5°	159.6	179.1	206.9	243.8	282.8	343.3	402.7	487.5	566.0	660.1	761.7
30°	175.6	205.3	247.7	298.4	371.1	460.2	564.9	695.0	837.5	969.8	1100.2
27.5°	198.7	241.3	297.0	378.8	492.1	616.7	800.1	976.8	1161.2	1325.2	1461.9
25°	225.7	282.0	368.2	488.6	641.8	855.3	1074.8	1292.9	1491.2	1662.8	1813.9
22.5°	260.6	341.6	456.4	612.4	851.0	1106.8	1364.2	1604.8	1816.4	2007.5	2171.0
20°	298.6	399.9	563.9	796.5	1069.4	1360.8	1651.5	1907.8	2140.7	2357.3	2541.6
17.5°	346.7	488.6	696.2	975.3	1290.8	1610.1	1915.5	2193.5	2457.8	2687.1	2879.6
15°	387.7	566.6	837.6	1165.0	1506.3	1843.1	2165.4	2467.5	2742.3	2977.5	3158.5
12.5°	442.4	654.1	963.2	1328.0	1697.9	2052.3	2391.8	2704.1	2983.6	3216.3	3357.2
10°	494.1	744.8	1084.6	1465.0	1849.3	2226.9	2589.5	2909.7	3169.2	3354.3	3474.4
7.5°	538.1	822.6	1183.3	1575.8	1969.6	2364.4	2731.4	3042.9	3282.3	3436.8	3520.4
5°	570.9	880.8	1256.6	1665.8	2069.9	2471.6	2835.7	3128.2	3335.1	3449.9	3491.9
2.5°	591.8	915.0	1299.1	1724.9	2137.0	2539.4	2907.3	3195.2	3370.7	3446.8	3454.0
0°	600.2	919.5	1305.7	1755.8	2153.9	2558.7	2927.6	3222.8	3384.0	3446.6	3445.3
-2.5°	591.8	915.0	1299.1	1724.9	2137.0	2539.4	2907.3	3195.2	3370.7	3446.8	3454.0
-5°	570.9	880.8	1256.6	1665.8	2069.9	2471.6	2835.7	3128.2	3335.1	3449.9	3491.9
-7.5°	538.1	822.6	1183.3	1575.8	1969.6	2364.4	2731.4	3042.9	3282.3	3436.8	3520.4
-10°	494.1	744.8	1084.6	1465.0	1849.3	2226.9	2589.5	2909.7	3169.2	3354.3	3474.4
-12.5°	442.4	654.1	963.2	1328.0	1697.9	2052.3	2391.8	2704.1	2983.6	3216.3	3357.2
-15°	387.7	566.6	837.6	1165.0	1506.3	1843.1	2165.4	2467.5	2742.3	2977.5	3158.5
-17.5°	346.7	488.6	696.2	975.3	1290.8	1610.1	1915.5	2193.5	2457.8	2687.1	2879.6
-20°	298.6	399.9	563.9	796.5	1069.4	1360.8	1651.5	1907.8	2140.7	2357.3	2541.6



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	260.6	341.6	456.4	612.4	851.0	1106.8	1364.2	1604.8	1816.4	2007.5	2171.0
-25°	225.7	282.0	368.2	488.6	641.8	855.3	1074.8	1292.9	1491.2	1662.8	1813.9
-27.5°	198.7	241.3	297.0	378.8	492.1	616.7	800.1	976.8	1161.2	1325.2	1461.9
-30°	175.6	205.3	247.7	298.4	371.1	460.2	564.9	695.0	837.5	969.8	1100.2
-32.5°	159.6	179.1	206.9	243.8	282.8	343.3	402.7	487.5	566.0	660.1	761.7
-35°	145.2	160.4	177.4	201.4	227.7	261.1	298.5	347.3	389.2	448.6	505.3
-37.5°	134.1	145.0	157.9	171.4	190.0	207.8	231.8	257.1	280.0	315.3	344.9
-40°	125.5	132.6	141.9	151.6	163.5	174.2	188.7	201.7	216.1	234.4	249.6
-42.5°	118.4	123.9	129.2	136.4	144.0	151.8	160.2	167.3	176.8	186.4	194.1
-45°	112.4	116.8	121.1	125.6	129.4	135.1	140.4	145.0	151.0	156.5	160.8
-47.5°	107.3	110.8	114.5	118.1	120.8	123.8	126.7	129.5	133.3	136.4	138.8
-50°	102.4	105.4	108.5	111.4	113.7	115.8	117.5	119.4	121.4	123.1	124.1
-52.5°	97.8	100.7	103.2	105.3	107.5	109.3	110.7	112.0	113.2	114.2	114.6
-55°	93.6	96.1	98.6	100.5	102.2	103.7	104.9	105.9	106.7	107.4	107.6
-57.5°	88.8	91.3	93.5	95.3	96.9	98.6	99.7	100.5	101.1	101.6	101.7
-60°	83.1	85.9	87.7	89.1	90.7	92.5	93.4	94.3	95.0	95.6	96.1
-62.5°	76.2	78.5	80.2	81.6	82.9	84.0	85.4	86.4	87.3	88.0	88.9
-65°	68.2	70.5	72.0	73.2	74.1	75.1	76.7	78.0	79.0	79.8	80.5
-67.5°	60.0	62.2	63.8	65.0	66.0	67.0	68.5	69.8	70.9	71.7	72.2
-70°	51.7	53.8	55.5	56.9	57.9	59.0	60.1	61.2	62.3	62.8	63.0
-72.5°	43.5	45.3	46.9	48.3	49.6	50.6	51.5	52.3	53.0	53.4	53.6
-75°	35.6	37.0	38.4	39.7	40.8	41.8	42.7	43.4	44.0	44.3	44.4
-77.5°	28.1	29.1	30.1	31.0	31.9	32.8	33.6	34.3	34.9	35.0	35.0
-80°	20.9	21.7	22.3	22.9	23.4	24.0	24.6	25.1	25.5	25.7	25.8
-82.5°	14.2	14.6	15.0	15.4	15.7	16.2	16.6	16.9	17.2	17.5	17.6
-85°	8.0	8.2	8.4	8.5	8.6	9.0	9.4	9.7	10.0	10.0	10.0
-87.5°	3.0	3.0	2.9	2.9	2.8	3.0	3.2	3.4	3.6	3.5	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.5	3.6	3.4
85°	9.9	9.8	9.6	9.3	9.6	9.8	9.9	10.0	10.0	10.0	9.7
82.5°	17.8	17.9	17.7	17.4	17.7	17.9	17.8	17.6	17.5	17.2	16.9
80°	25.9	25.9	25.7	25.4	25.7	25.9	25.9	25.8	25.7	25.5	25.1
77.5°	34.8	34.6	34.7	34.7	34.7	34.6	34.8	35.0	35.0	34.9	34.3
75°	44.4	44.4	44.3	44.0	44.3	44.4	44.4	44.4	44.3	44.0	43.4
72.5°	53.7	53.7	53.6	53.3	53.6	53.7	53.7	53.6	53.4	53.0	52.3
70°	63.1	63.0	63.1	63.2	63.1	63.0	63.1	63.0	62.8	62.3	61.2
67.5°	72.6	72.9	72.8	72.5	72.8	72.9	72.6	72.2	71.7	70.9	69.8
65°	81.0	81.5	81.7	81.8	81.7	81.5	81.0	80.5	79.8	79.0	78.0
62.5°	89.6	90.1	90.1	89.9	90.1	90.1	89.6	88.9	88.0	87.3	86.4
60°	96.4	96.5	96.4	96.1	96.4	96.5	96.4	96.1	95.6	95.0	94.3
57.5°	101.7	101.6	101.4	101.1	101.4	101.6	101.7	101.7	101.6	101.1	100.5
55°	107.5	107.2	106.9	106.6	106.9	107.2	107.5	107.6	107.4	106.7	105.9
52.5°	114.7	114.5	114.4	114.1	114.4	114.5	114.7	114.6	114.2	113.2	112.0
50°	124.7	124.8	124.8	124.6	124.8	124.8	124.7	124.1	123.1	121.4	119.4
47.5°	140.3	141.1	141.7	142.0	141.7	141.1	140.3	138.8	136.4	133.3	129.5
45°	163.6	165.3	166.4	167.4	166.4	165.3	163.6	160.8	156.5	151.0	145.0
42.5°	199.6	203.3	205.1	204.6	205.1	203.3	199.6	194.1	186.4	176.8	167.3
40°	259.6	265.6	268.9	271.6	268.9	265.6	259.6	249.6	234.4	216.1	201.7
37.5°	365.1	376.7	382.8	388.1	382.8	376.7	365.1	344.9	315.3	280.0	257.1
35°	547.7	573.9	587.9	592.7	587.9	573.9	547.7	505.3	448.6	389.2	347.3
32.5°	840.8	889.0	915.6	936.2	915.6	889.0	840.8	761.7	660.1	566.0	487.5
30°	1203.4	1266.9	1302.2	1319.4	1302.2	1266.9	1203.4	1100.2	969.8	837.5	695.0
27.5°	1575.2	1647.4	1685.4	1683.3	1685.4	1647.4	1575.2	1461.9	1325.2	1161.2	976.8
25°	1943.4	2027.0	2064.8	2098.7	2064.8	2027.0	1943.4	1813.9	1662.8	1491.2	1292.9
22.5°	2315.7	2413.5	2466.8	2491.8	2466.8	2413.5	2315.7	2171.0	2007.5	1816.4	1604.8
20°	2683.7	2792.5	2849.0	2873.7	2849.0	2792.5	2683.7	2541.6	2357.3	2140.7	1907.8
17.5°	3009.9	3116.2	3170.1	3193.0	3170.1	3116.2	3009.9	2879.6	2687.1	2457.8	2193.5
15°	3270.5	3348.8	3394.7	3406.9	3394.7	3348.8	3270.5	3158.5	2977.5	2742.3	2467.5
12.5°	3450.6	3480.9	3503.0	3509.8	3503.0	3480.9	3450.6	3357.2	3216.3	2983.6	2704.1
10°	3542.7	3529.0	3523.4	3524.1	3523.4	3529.0	3542.7	3474.4	3354.3	3169.2	2909.7
7.5°	3536.4	3516.1	3475.4	3468.9	3475.4	3516.1	3536.4	3520.4	3436.8	3282.3	3042.9
5°	3485.6	3448.7	3381.1	3361.6	3381.1	3448.7	3485.6	3491.9	3449.9	3335.1	3128.2
2.5°	3426.4	3359.8	3297.5	3257.5	3297.5	3359.8	3426.4	3454.0	3446.8	3370.7	3195.2
0°	3408.8	3331.9	3251.3	3225.2	3251.3	3331.9	3408.8	3445.3	3446.6	3384.0	3222.8
-2.5°	3426.4	3359.8	3297.5	3257.5	3297.5	3359.8	3426.4	3454.0	3446.8	3370.7	3195.2
-5°	3485.6	3448.7	3381.1	3361.6	3381.1	3448.7	3485.6	3491.9	3449.9	3335.1	3128.2
-7.5°	3536.4	3516.1	3475.4	3468.9	3475.4	3516.1	3536.4	3520.4	3436.8	3282.3	3042.9
-10°	3542.7	3529.0	3523.4	3524.1	3523.4	3529.0	3542.7	3474.4	3354.3	3169.2	2909.7
-12.5°	3450.6	3480.9	3503.0	3509.8	3503.0	3480.9	3450.6	3357.2	3216.3	2983.6	2704.1
-15°	3270.5	3348.8	3394.7	3406.9	3394.7	3348.8	3270.5	3158.5	2977.5	2742.3	2467.5
-17.5°	3009.9	3116.2	3170.1	3193.0	3170.1	3116.2	3009.9	2879.6	2687.1	2457.8	2193.5
-20°	2683.7	2792.5	2849.0	2873.7	2849.0	2792.5	2683.7	2541.6	2357.3	2140.7	1907.8



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2315.7	2413.5	2466.8	2491.8	2466.8	2413.5	2315.7	2171.0	2007.5	1816.4	1604.8
-25°	1943.4	2027.0	2064.8	2098.7	2064.8	2027.0	1943.4	1813.9	1662.8	1491.2	1292.9
-27.5°	1575.2	1647.4	1685.4	1683.3	1685.4	1647.4	1575.2	1461.9	1325.2	1161.2	976.8
-30°	1203.4	1266.9	1302.2	1319.4	1302.2	1266.9	1203.4	1100.2	969.8	837.5	695.0
-32.5°	840.8	889.0	915.6	936.2	915.6	889.0	840.8	761.7	660.1	566.0	487.5
-35°	547.7	573.9	587.9	592.7	587.9	573.9	547.7	505.3	448.6	389.2	347.3
-37.5°	365.1	376.7	382.8	388.1	382.8	376.7	365.1	344.9	315.3	280.0	257.1
-40°	259.6	265.6	268.9	271.6	268.9	265.6	259.6	249.6	234.4	216.1	201.7
-42.5°	199.6	203.3	205.1	204.6	205.1	203.3	199.6	194.1	186.4	176.8	167.3
-45°	163.6	165.3	166.4	167.4	166.4	165.3	163.6	160.8	156.5	151.0	145.0
-47.5°	140.3	141.1	141.7	142.0	141.7	141.1	140.3	138.8	136.4	133.3	129.5
-50°	124.7	124.8	124.8	124.6	124.8	124.8	124.7	124.1	123.1	121.4	119.4
-52.5°	114.7	114.5	114.4	114.1	114.4	114.5	114.7	114.6	114.2	113.2	112.0
-55°	107.5	107.2	106.9	106.6	106.9	107.2	107.5	107.6	107.4	106.7	105.9
-57.5°	101.7	101.6	101.4	101.1	101.4	101.6	101.7	101.7	101.6	101.1	100.5
-60°	96.4	96.5	96.4	96.1	96.4	96.5	96.4	96.1	95.6	95.0	94.3
-62.5°	89.6	90.1	90.1	89.9	90.1	90.1	89.6	88.9	88.0	87.3	86.4
-65°	81.0	81.5	81.7	81.8	81.7	81.5	81.0	80.5	79.8	79.0	78.0
-67.5°	72.6	72.9	72.8	72.5	72.8	72.9	72.6	72.2	71.7	70.9	69.8
-70°	63.1	63.0	63.1	63.2	63.1	63.0	63.1	63.0	62.8	62.3	61.2
-72.5°	53.7	53.7	53.6	53.3	53.6	53.7	53.7	53.6	53.4	53.0	52.3
-75°	44.4	44.4	44.3	44.0	44.3	44.4	44.4	44.4	44.3	44.0	43.4
-77.5°	34.8	34.6	34.7	34.7	34.7	34.6	34.8	35.0	35.0	34.9	34.3
-80°	25.9	25.9	25.7	25.4	25.7	25.9	25.9	25.8	25.7	25.5	25.1
-82.5°	17.8	17.9	17.7	17.4	17.7	17.9	17.8	17.6	17.5	17.2	16.9
-85°	9.9	9.8	9.6	9.3	9.6	9.8	9.9	10.0	10.0	10.0	9.7
-87.5°	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.5	3.6	3.4
-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: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.0	2.8	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.6
85°	9.4	9.0	8.6	8.5	8.4	8.2	8.0	7.7	7.3	6.9	6.5
82.5°	16.6	16.2	15.7	15.4	15.0	14.6	14.2	13.5	12.8	12.1	11.4
80°	24.6	24.0	23.4	22.9	22.3	21.7	20.9	19.9	18.8	17.7	16.7
77.5°	33.6	32.8	31.9	31.0	30.1	29.1	28.1	26.7	25.4	24.0	22.5
75°	42.7	41.8	40.8	39.7	38.4	37.0	35.6	34.0	32.3	30.5	28.7
72.5°	51.5	50.6	49.6	48.3	46.9	45.3	43.5	41.5	39.5	37.3	35.2
70°	60.1	59.0	57.9	56.9	55.5	53.8	51.7	49.4	46.9	44.4	41.9
67.5°	68.5	67.0	66.0	65.0	63.8	62.2	60.0	57.5	54.7	51.7	48.8
65°	76.7	75.1	74.1	73.2	72.0	70.5	68.2	65.6	62.6	59.3	55.9
62.5°	85.4	84.0	82.9	81.6	80.2	78.5	76.2	73.5	70.5	67.1	63.1
60°	93.4	92.5	90.7	89.1	87.7	85.9	83.1	80.5	78.1	74.1	69.9
57.5°	99.7	98.6	96.9	95.3	93.5	91.3	88.8	86.4	83.5	80.2	76.2
55°	104.9	103.7	102.2	100.5	98.6	96.1	93.6	90.9	88.2	85.4	81.5
52.5°	110.7	109.3	107.5	105.3	103.2	100.7	97.8	95.0	92.5	89.6	86.5
50°	117.5	115.8	113.7	111.4	108.5	105.4	102.4	99.1	96.5	93.7	90.5
47.5°	126.7	123.8	120.8	118.1	114.5	110.8	107.3	104.0	100.8	97.8	94.5
45°	140.4	135.1	129.4	125.6	121.1	116.8	112.4	108.6	105.0	101.6	98.6
42.5°	160.2	151.8	144.0	136.4	129.2	123.9	118.4	113.7	109.3	105.4	101.8
40°	188.7	174.2	163.5	151.6	141.9	132.6	125.5	119.1	114.0	109.3	105.0
37.5°	231.8	207.8	190.0	171.4	157.9	145.0	134.1	125.7	118.8	113.4	108.3
35°	298.5	261.1	227.7	201.4	177.4	160.4	145.2	133.5	124.7	117.5	111.6
32.5°	402.7	343.3	282.8	243.8	206.9	179.1	159.6	143.4	131.0	122.5	115.3
30°	564.9	460.2	371.1	298.4	247.7	205.3	175.6	155.8	139.9	127.4	119.1
27.5°	800.1	616.7	492.1	378.8	297.0	241.3	198.7	169.1	149.2	134.4	123.4
25°	1074.8	855.3	641.8	488.6	368.2	282.0	225.7	187.6	160.8	141.7	127.2
22.5°	1364.2	1106.8	851.0	612.4	456.4	341.6	260.6	206.3	171.8	149.4	132.7
20°	1651.5	1360.8	1069.4	796.5	563.9	399.9	298.6	231.1	187.1	158.0	138.0
17.5°	1915.5	1610.1	1290.8	975.3	696.2	488.6	346.7	256.2	200.4	165.7	142.5
15°	2165.4	1843.1	1506.3	1165.0	837.6	566.6	387.7	278.1	214.3	174.7	148.4
12.5°	2391.8	2052.3	1697.9	1328.0	963.2	654.1	442.4	310.3	231.3	184.0	154.0
10°	2589.5	2226.9	1849.3	1465.0	1084.6	744.8	494.1	337.8	246.0	191.7	158.6
7.5°	2731.4	2364.4	1969.6	1575.8	1183.3	822.6	538.1	359.6	257.6	197.6	162.1
5°	2835.7	2471.6	2069.9	1665.8	1256.6	880.8	570.9	374.9	265.9	201.6	164.6
2.5°	2907.3	2539.4	2137.0	1724.9	1299.1	915.0	591.8	383.2	269.8	204.9	165.9
0°	2927.6	2558.7	2153.9	1755.8	1305.7	919.5	600.2	384.4	269.7	206.5	166.2
-2.5°	2907.3	2539.4	2137.0	1724.9	1299.1	915.0	591.8	383.2	269.8	204.9	165.9
-5°	2835.7	2471.6	2069.9	1665.8	1256.6	880.8	570.9	374.9	265.9	201.6	164.6
-7.5°	2731.4	2364.4	1969.6	1575.8	1183.3	822.6	538.1	359.6	257.6	197.6	162.1
-10°	2589.5	2226.9	1849.3	1465.0	1084.6	744.8	494.1	337.8	246.0	191.7	158.6
-12.5°	2391.8	2052.3	1697.9	1328.0	963.2	654.1	442.4	310.3	231.3	184.0	154.0
-15°	2165.4	1843.1	1506.3	1165.0	837.6	566.6	387.7	278.1	214.3	174.7	148.4
-17.5°	1915.5	1610.1	1290.8	975.3	696.2	488.6	346.7	256.2	200.4	165.7	142.5
-20°	1651.5	1360.8	1069.4	796.5	563.9	399.9	298.6	231.1	187.1	158.0	138.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1364.2	1106.8	851.0	612.4	456.4	341.6	260.6	206.3	171.8	149.4	132.7
-25°	1074.8	855.3	641.8	488.6	368.2	282.0	225.7	187.6	160.8	141.7	127.2
-27.5°	800.1	616.7	492.1	378.8	297.0	241.3	198.7	169.1	149.2	134.4	123.4
-30°	564.9	460.2	371.1	298.4	247.7	205.3	175.6	155.8	139.9	127.4	119.1
-32.5°	402.7	343.3	282.8	243.8	206.9	179.1	159.6	143.4	131.0	122.5	115.3
-35°	298.5	261.1	227.7	201.4	177.4	160.4	145.2	133.5	124.7	117.5	111.6
-37.5°	231.8	207.8	190.0	171.4	157.9	145.0	134.1	125.7	118.8	113.4	108.3
-40°	188.7	174.2	163.5	151.6	141.9	132.6	125.5	119.1	114.0	109.3	105.0
-42.5°	160.2	151.8	144.0	136.4	129.2	123.9	118.4	113.7	109.3	105.4	101.8
-45°	140.4	135.1	129.4	125.6	121.1	116.8	112.4	108.6	105.0	101.6	98.6
-47.5°	126.7	123.8	120.8	118.1	114.5	110.8	107.3	104.0	100.8	97.8	94.5
-50°	117.5	115.8	113.7	111.4	108.5	105.4	102.4	99.1	96.5	93.7	90.5
-52.5°	110.7	109.3	107.5	105.3	103.2	100.7	97.8	95.0	92.5	89.6	86.5
-55°	104.9	103.7	102.2	100.5	98.6	96.1	93.6	90.9	88.2	85.4	81.5
-57.5°	99.7	98.6	96.9	95.3	93.5	91.3	88.8	86.4	83.5	80.2	76.2
-60°	93.4	92.5	90.7	89.1	87.7	85.9	83.1	80.5	78.1	74.1	69.9
-62.5°	85.4	84.0	82.9	81.6	80.2	78.5	76.2	73.5	70.5	67.1	63.1
-65°	76.7	75.1	74.1	73.2	72.0	70.5	68.2	65.6	62.6	59.3	55.9
-67.5°	68.5	67.0	66.0	65.0	63.8	62.2	60.0	57.5	54.7	51.7	48.8
-70°	60.1	59.0	57.9	56.9	55.5	53.8	51.7	49.4	46.9	44.4	41.9
-72.5°	51.5	50.6	49.6	48.3	46.9	45.3	43.5	41.5	39.5	37.3	35.2
-75°	42.7	41.8	40.8	39.7	38.4	37.0	35.6	34.0	32.3	30.5	28.7
-77.5°	33.6	32.8	31.9	31.0	30.1	29.1	28.1	26.7	25.4	24.0	22.5
-80°	24.6	24.0	23.4	22.9	22.3	21.7	20.9	19.9	18.8	17.7	16.7
-82.5°	16.6	16.2	15.7	15.4	15.0	14.6	14.2	13.5	12.8	12.1	11.4
-85°	9.4	9.0	8.6	8.5	8.4	8.2	8.0	7.7	7.3	6.9	6.5
-87.5°	3.2	3.0	2.8	2.9	2.9	3.0	3.0	2.9	2.8	2.7	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.2	1.0
85°	6.1	5.6	5.2	4.7	4.2	3.7	3.4	3.1	2.7	2.3	2.0
82.5°	10.7	10.0	9.3	8.6	7.7	6.9	6.1	5.3	4.5	3.5	2.9
80°	15.7	14.7	13.7	12.6	11.4	10.1	9.0	7.9	6.9	5.7	4.5
77.5°	21.2	19.7	18.2	16.9	15.5	14.0	12.4	10.7	9.3	7.9	6.5
75°	27.0	25.2	23.4	21.6	19.7	17.8	16.0	14.0	12.1	10.2	8.5
72.5°	33.1	31.0	28.7	26.5	24.3	22.0	19.7	17.4	15.1	12.8	10.5
70°	39.4	36.8	34.2	31.6	28.9	26.2	23.5	20.8	18.1	15.5	12.8
67.5°	45.8	42.9	39.8	36.8	33.8	30.7	27.4	24.2	21.1	18.1	15.1
65°	52.6	49.1	45.5	42.1	38.7	35.3	31.7	27.7	24.1	20.7	17.4
62.5°	59.2	55.4	51.4	47.3	43.5	39.7	35.8	31.4	27.0	23.2	19.5
60°	65.7	61.4	57.1	52.6	48.2	43.9	39.7	35.0	30.3	25.7	21.7
57.5°	71.6	67.1	62.3	57.6	52.8	48.1	43.4	38.5	33.4	28.4	23.8
55°	77.1	72.3	67.2	62.1	57.1	52.1	47.0	41.8	36.5	31.0	25.8
52.5°	82.4	77.3	71.9	66.5	61.1	55.9	50.5	44.9	39.3	33.6	28.0
50°	86.9	82.1	76.5	70.8	64.9	59.4	53.9	48.0	42.1	36.1	30.2
47.5°	90.8	86.4	80.9	74.9	68.7	62.9	57.1	51.0	44.8	38.5	32.3
45°	94.6	90.3	85.0	78.8	72.5	66.3	60.2	53.9	47.4	40.8	34.3
42.5°	98.1	93.8	88.9	82.6	76.1	69.6	63.2	56.6	49.8	43.0	36.2
40°	101.1	96.9	92.5	86.3	79.4	72.7	66.0	59.2	52.2	45.1	38.1
37.5°	104.0	99.7	95.2	89.7	82.6	75.6	68.7	61.7	54.5	47.1	39.8
35°	106.8	102.4	97.6	92.4	85.6	78.3	71.1	64.1	56.6	49.0	41.4
32.5°	109.3	104.8	99.8	94.6	88.3	80.8	73.4	66.2	58.6	50.9	42.8
30°	112.3	106.8	101.8	96.7	90.6	83.1	75.6	68.1	60.5	52.6	44.2
27.5°	115.1	108.7	103.6	98.4	92.4	85.2	77.6	69.9	62.1	54.1	45.6
25°	117.9	110.9	105.2	99.9	94.2	87.2	79.4	71.5	63.6	55.5	46.9
22.5°	121.1	112.9	106.8	101.2	95.8	89.0	81.0	73.0	64.9	56.7	48.0
20°	124.0	114.6	108.2	102.4	97.1	90.4	82.5	74.3	66.1	57.8	49.1
17.5°	126.8	116.5	109.6	103.6	98.1	91.6	83.8	75.5	67.1	58.8	50.0
15°	130.6	118.7	110.8	104.6	98.9	92.6	84.9	76.5	68.0	59.6	50.9
12.5°	133.9	120.5	111.8	105.4	99.5	93.4	85.8	77.3	68.8	60.3	51.6
10°	136.6	122.0	112.6	106.0	100.0	94.1	86.5	78.0	69.4	60.9	52.2
7.5°	138.6	123.0	113.2	106.5	100.4	94.6	87.1	78.6	70.0	61.4	52.7
5°	140.0	123.7	113.6	106.7	100.5	94.9	87.6	79.0	70.4	61.7	53.0
2.5°	140.7	124.1	114.0	106.8	100.5	95.0	87.9	79.3	70.6	61.9	53.2
0°	140.7	124.0	114.1	106.6	100.4	94.9	88.0	79.4	70.7	62.0	53.3
-2.5°	140.7	124.1	114.0	106.8	100.5	95.0	87.9	79.3	70.6	61.9	53.2
-5°	140.0	123.7	113.6	106.7	100.5	94.9	87.6	79.0	70.4	61.7	53.0
-7.5°	138.6	123.0	113.2	106.5	100.4	94.6	87.1	78.6	70.0	61.4	52.7
-10°	136.6	122.0	112.6	106.0	100.0	94.1	86.5	78.0	69.4	60.9	52.2
-12.5°	133.9	120.5	111.8	105.4	99.5	93.4	85.8	77.3	68.8	60.3	51.6
-15°	130.6	118.7	110.8	104.6	98.9	92.6	84.9	76.5	68.0	59.6	50.9
-17.5°	126.8	116.5	109.6	103.6	98.1	91.6	83.8	75.5	67.1	58.8	50.0
-20°	124.0	114.6	108.2	102.4	97.1	90.4	82.5	74.3	66.1	57.8	49.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	121.1	112.9	106.8	101.2	95.8	89.0	81.0	73.0	64.9	56.7	48.0
-25°	117.9	110.9	105.2	99.9	94.2	87.2	79.4	71.5	63.6	55.5	46.9
-27.5°	115.1	108.7	103.6	98.4	92.4	85.2	77.6	69.9	62.1	54.1	45.6
-30°	112.3	106.8	101.8	96.7	90.6	83.1	75.6	68.1	60.5	52.6	44.2
-32.5°	109.3	104.8	99.8	94.6	88.3	80.8	73.4	66.2	58.6	50.9	42.8
-35°	106.8	102.4	97.6	92.4	85.6	78.3	71.1	64.1	56.6	49.0	41.4
-37.5°	104.0	99.7	95.2	89.7	82.6	75.6	68.7	61.7	54.5	47.1	39.8
-40°	101.1	96.9	92.5	86.3	79.4	72.7	66.0	59.2	52.2	45.1	38.1
-42.5°	98.1	93.8	88.9	82.6	76.1	69.6	63.2	56.6	49.8	43.0	36.2
-45°	94.6	90.3	85.0	78.8	72.5	66.3	60.2	53.9	47.4	40.8	34.3
-47.5°	90.8	86.4	80.9	74.9	68.7	62.9	57.1	51.0	44.8	38.5	32.3
-50°	86.9	82.1	76.5	70.8	64.9	59.4	53.9	48.0	42.1	36.1	30.2
-52.5°	82.4	77.3	71.9	66.5	61.1	55.9	50.5	44.9	39.3	33.6	28.0
-55°	77.1	72.3	67.2	62.1	57.1	52.1	47.0	41.8	36.5	31.0	25.8
-57.5°	71.6	67.1	62.3	57.6	52.8	48.1	43.4	38.5	33.4	28.4	23.8
-60°	65.7	61.4	57.1	52.6	48.2	43.9	39.7	35.0	30.3	25.7	21.7
-62.5°	59.2	55.4	51.4	47.3	43.5	39.7	35.8	31.4	27.0	23.2	19.5
-65°	52.6	49.1	45.5	42.1	38.7	35.3	31.7	27.7	24.1	20.7	17.4
-67.5°	45.8	42.9	39.8	36.8	33.8	30.7	27.4	24.2	21.1	18.1	15.1
-70°	39.4	36.8	34.2	31.6	28.9	26.2	23.5	20.8	18.1	15.5	12.8
-72.5°	33.1	31.0	28.7	26.5	24.3	22.0	19.7	17.4	15.1	12.8	10.5
-75°	27.0	25.2	23.4	21.6	19.7	17.8	16.0	14.0	12.1	10.2	8.5
-77.5°	21.2	19.7	18.2	16.9	15.5	14.0	12.4	10.7	9.3	7.9	6.5
-80°	15.7	14.7	13.7	12.6	11.4	10.1	9.0	7.9	6.9	5.7	4.5
-82.5°	10.7	10.0	9.3	8.6	7.7	6.9	6.1	5.3	4.5	3.5	2.9
-85°	6.1	5.6	5.2	4.7	4.2	3.7	3.4	3.1	2.7	2.3	2.0
-87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.2	1.0
-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: P626577 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.3	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	5.0	3.6	2.7	2.0	1.3	0.7	0.0
75°	6.7	5.0	3.3	2.4	1.6	0.8	0.0
72.5°	8.4	6.5	4.4	2.8	1.9	0.9	0.0
70°	10.2	7.8	5.6	3.3	2.1	1.1	0.0
67.5°	12.1	9.2	6.7	4.1	2.4	1.2	0.0
65°	14.0	10.7	7.7	4.9	2.6	1.3	0.0
62.5°	15.9	12.2	8.8	5.7	2.9	1.4	0.0
60°	17.7	13.7	9.8	6.5	3.1	1.5	0.0
57.5°	19.5	15.2	11.0	7.2	3.6	1.7	0.0
55°	21.2	16.6	12.1	8.0	4.1	1.8	0.0
52.5°	22.9	17.9	13.2	8.7	4.5	1.9	0.0
50°	24.6	19.3	14.2	9.4	5.0	2.0	0.0
47.5°	26.3	20.7	15.2	10.1	5.4	2.1	0.0
45°	28.0	22.0	16.2	10.8	5.8	2.2	0.0
42.5°	29.6	23.3	17.1	11.5	6.2	2.3	0.0
40°	31.2	24.5	18.0	12.1	6.6	2.4	0.0
37.5°	32.6	25.6	18.9	12.7	6.9	2.5	0.0
35°	34.0	26.8	19.8	13.2	7.3	2.5	0.0
32.5°	35.3	27.8	20.6	13.7	7.6	2.6	0.0
30°	36.5	28.8	21.4	14.2	7.9	2.7	0.0
27.5°	37.5	29.7	22.0	14.6	8.1	2.7	0.0
25°	38.5	30.6	22.7	15.0	8.3	2.8	0.0
22.5°	39.4	31.3	23.2	15.4	8.5	2.9	0.0
20°	40.2	32.0	23.7	15.7	8.7	2.9	0.0
17.5°	40.9	32.5	24.1	16.0	8.9	3.0	0.0
15°	41.6	33.0	24.5	16.2	9.0	3.0	0.0
12.5°	42.1	33.4	24.8	16.4	9.1	3.0	0.0
10°	42.6	33.7	25.1	16.5	9.2	3.1	0.0
7.5°	42.9	33.9	25.3	16.6	9.3	3.1	0.0
5°	43.2	34.1	25.4	16.7	9.3	3.1	0.0
2.5°	43.3	34.1	25.4	16.7	9.3	3.1	0.0
0°	43.4	34.1	25.4	16.7	9.3	3.1	0.0
-2.5°	43.3	34.1	25.4	16.7	9.3	3.1	0.0
-5°	43.2	34.1	25.4	16.7	9.3	3.1	0.0
-7.5°	42.9	33.9	25.3	16.6	9.3	3.1	0.0
-10°	42.6	33.7	25.1	16.5	9.2	3.1	0.0
-12.5°	42.1	33.4	24.8	16.4	9.1	3.0	0.0
-15°	41.6	33.0	24.5	16.2	9.0	3.0	0.0
-17.5°	40.9	32.5	24.1	16.0	8.9	3.0	0.0
-20°	40.2	32.0	23.7	15.7	8.7	2.9	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.4	31.3	23.2	15.4	8.5	2.9	0.0
-25°	38.5	30.6	22.7	15.0	8.3	2.8	0.0
-27.5°	37.5	29.7	22.0	14.6	8.1	2.7	0.0
-30°	36.5	28.8	21.4	14.2	7.9	2.7	0.0
-32.5°	35.3	27.8	20.6	13.7	7.6	2.6	0.0
-35°	34.0	26.8	19.8	13.2	7.3	2.5	0.0
-37.5°	32.6	25.6	18.9	12.7	6.9	2.5	0.0
-40°	31.2	24.5	18.0	12.1	6.6	2.4	0.0
-42.5°	29.6	23.3	17.1	11.5	6.2	2.3	0.0
-45°	28.0	22.0	16.2	10.8	5.8	2.2	0.0
-47.5°	26.3	20.7	15.2	10.1	5.4	2.1	0.0
-50°	24.6	19.3	14.2	9.4	5.0	2.0	0.0
-52.5°	22.9	17.9	13.2	8.7	4.5	1.9	0.0
-55°	21.2	16.6	12.1	8.0	4.1	1.8	0.0
-57.5°	19.5	15.2	11.0	7.2	3.6	1.7	0.0
-60°	17.7	13.7	9.8	6.5	3.1	1.5	0.0
-62.5°	15.9	12.2	8.8	5.7	2.9	1.4	0.0
-65°	14.0	10.7	7.7	4.9	2.6	1.3	0.0
-67.5°	12.1	9.2	6.7	4.1	2.4	1.2	0.0
-70°	10.2	7.8	5.6	3.3	2.1	1.1	0.0
-72.5°	8.4	6.5	4.4	2.8	1.9	0.9	0.0
-75°	6.7	5.0	3.3	2.4	1.6	0.8	0.0
-77.5°	5.0	3.6	2.7	2.0	1.3	0.7	0.0
-80°	3.3	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)