

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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-735-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N19
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

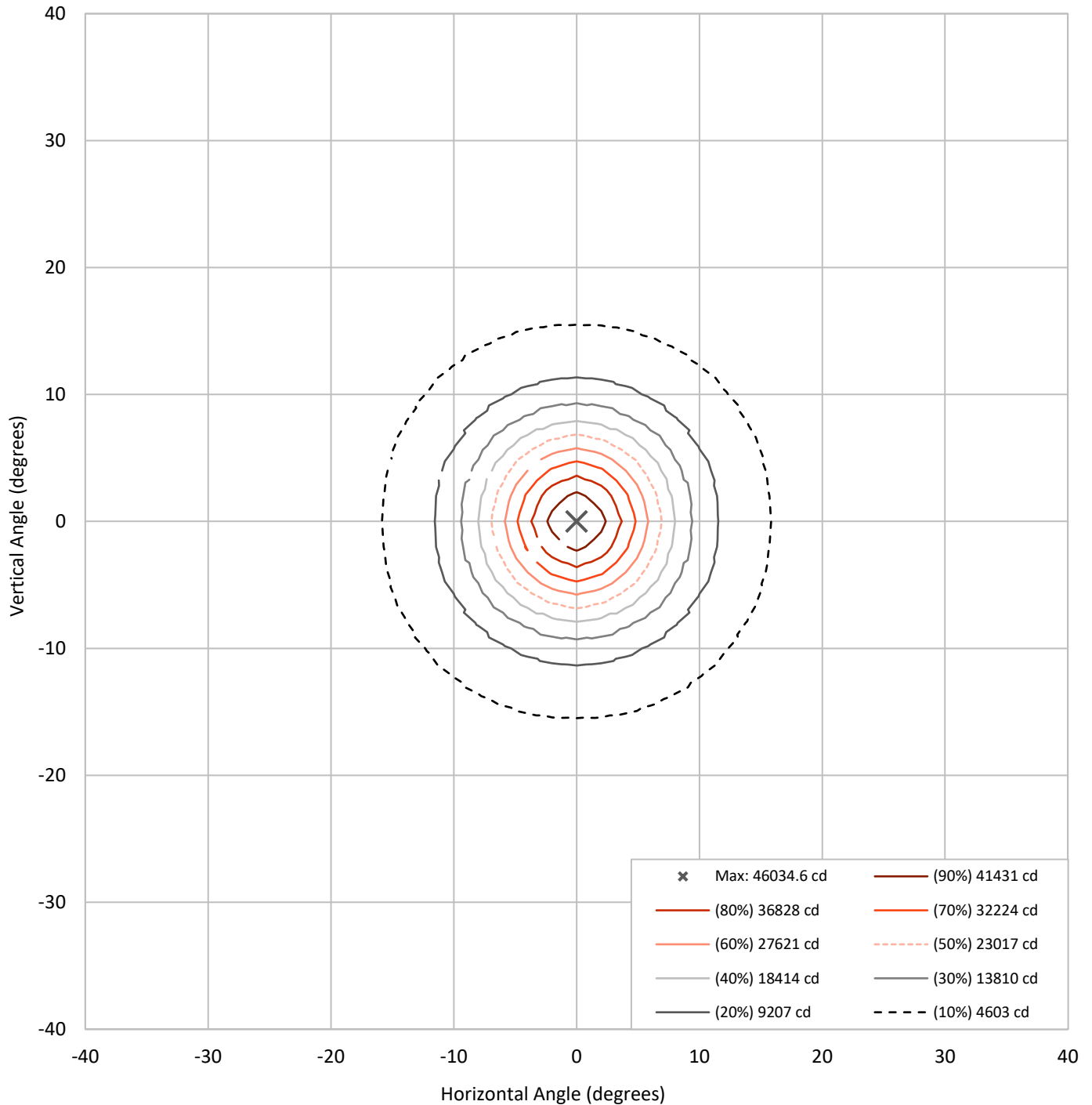
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4888.2 lumens	Max Intensity:	46034.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	1445.2 lumens	Field Lumens:	3252.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	33.5		
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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Iso-Candela Plot





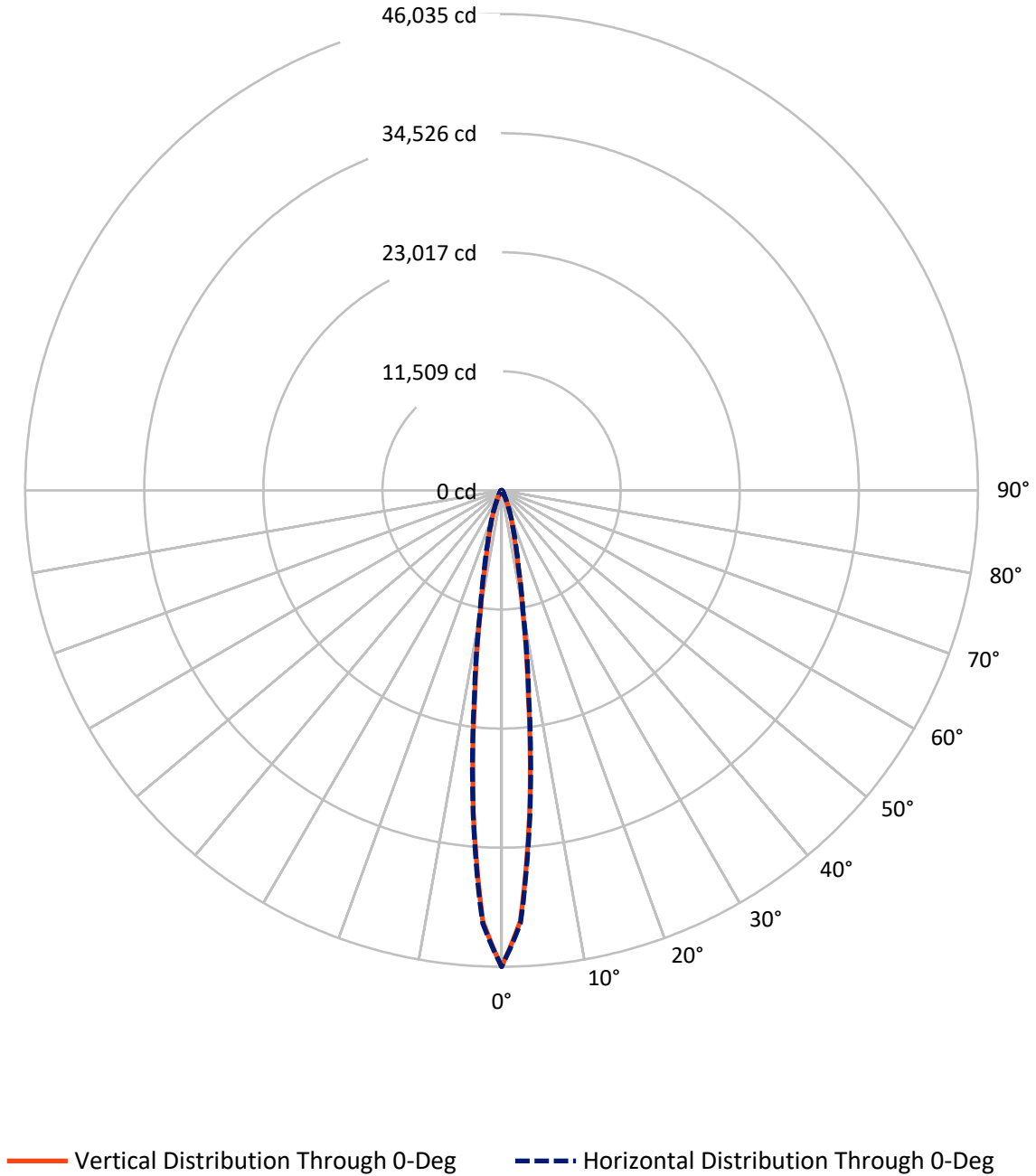
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Lumen Table

90																			
80	0.1	0.7		1.8		2.8		3.1		2.8		1.8		0.7		0.1			
70																			
60	0.3	0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3	0.3			
50		0.5	1.1	1.7	2.3	2.8	3.2	3.3	3.3	3.2	2.8	2.3	1.7	1.1	0.5				
40	0.5	0.7	1.4	2.1	2.8	3.6	4.2	4.5	4.5	4.2	3.6	2.8	2.1	1.4	0.7	0.5			
30		0.8	1.6	2.5	3.5	5.0	7.0	8.7	8.7	7.0	5.0	3.5	2.5	1.6	0.8				
20	0.7	0.9	1.8	2.8	4.5	8.9	20.3	33.7	33.7	20.3	8.9	4.5	2.8	1.8	0.9	0.7			
10		1.0	1.9	3.0	6.0	19.0	67.3	145.0	145.0	67.3	19.0	6.0	3.0	1.9	1.0				
0	0.7	1.0	1.9	3.2	7.2	31.3	146.4	632.4	632.4	146.4	31.3	7.2	3.2	1.9	1.0	0.7			
-10		1.0	1.9	3.2	7.2	31.3	146.4	632.4	632.4	146.4	31.3	7.2	3.2	1.9	1.0				
-20	0.7	1.0	1.9	3.0	6.0	19.0	67.3	145.0	145.0	67.3	19.0	6.0	3.0	1.9	1.0	0.7			
-30		0.9	1.8	2.8	4.5	8.9	20.3	33.7	33.7	20.3	8.9	4.5	2.8	1.8	0.9				
-40	0.5	0.8	1.6	2.5	3.5	5.0	7.0	8.7	8.7	7.0	5.0	3.5	2.5	1.6	0.8	0.5			
-50		0.7	1.4	2.1	2.8	3.6	4.2	4.5	4.5	4.2	3.6	2.8	2.1	1.4	0.7				
-60	0.3	0.5	1.1	1.7	2.3	2.8	3.2	3.3	3.3	3.2	2.8	2.3	1.7	1.1	0.5	0.3			
-70		0.3	0.7	1.2	1.6	2.0	2.3	2.4	2.4	2.3	2.0	1.6	1.2	0.7	0.3				
-80																			
-90	0.1	0.7		1.8		2.8		3.1		2.8		1.8		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

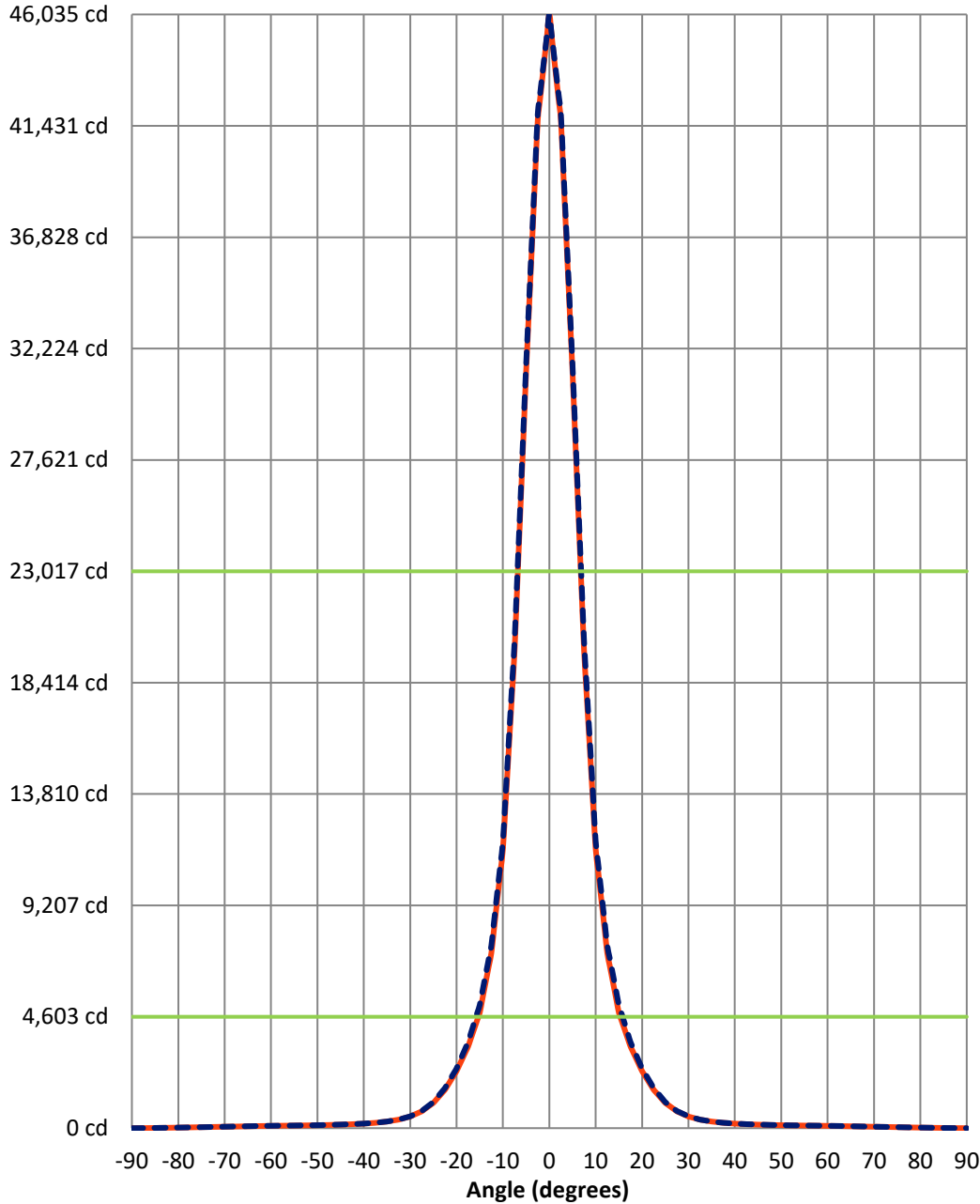
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1445.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 3252.3
 Efficiency: 66.5%

Spill:
 Lumens: 1635.9
 Efficiency: 33.5%

— 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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
82.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.8	5.5
80°	0.0	0.6	1.3	2.0	2.7	3.4	4.1	5.1	6.1	7.0	8.0
77.5°	0.0	0.7	1.7	2.5	3.4	4.3	5.6	6.9	8.1	9.3	10.6
75°	0.0	0.9	2.0	3.0	4.1	5.5	7.1	8.6	10.1	11.8	13.4
72.5°	0.0	1.0	2.3	3.5	5.0	6.7	8.6	10.4	12.4	14.3	16.3
70°	0.0	1.2	2.6	4.0	5.9	7.9	10.0	12.4	14.6	16.9	19.4
67.5°	0.0	1.3	2.9	4.7	6.7	9.0	11.7	14.3	16.9	19.7	22.5
65°	0.0	1.4	3.2	5.3	7.6	10.2	13.3	16.3	19.4	22.5	25.8
62.5°	0.0	1.6	3.5	5.9	8.4	11.5	14.9	18.3	21.8	25.4	29.5
60°	0.0	1.7	3.8	6.5	9.2	12.8	16.4	20.4	24.2	28.5	33.1
57.5°	0.0	1.8	4.1	7.0	10.2	14.1	18.1	22.5	26.8	31.6	36.5
55°	0.0	1.9	4.5	7.6	11.2	15.3	19.8	24.4	29.4	34.5	39.9
52.5°	0.0	2.0	4.8	8.1	12.1	16.5	21.4	26.5	31.9	37.4	43.1
50°	0.0	2.1	5.2	8.6	13.1	17.8	23.0	28.6	34.3	40.1	46.2
47.5°	0.0	2.3	5.5	9.1	13.9	19.1	24.6	30.6	36.6	42.7	49.2
45°	0.0	2.3	5.8	9.7	14.8	20.3	26.2	32.5	38.8	45.4	52.2
42.5°	0.0	2.4	6.1	10.3	15.6	21.5	27.7	34.3	40.9	48.0	55.1
40°	0.0	2.5	6.4	10.9	16.4	22.6	29.2	36.1	43.0	50.5	57.8
37.5°	0.0	2.6	6.7	11.5	17.2	23.6	30.6	37.7	45.0	52.8	60.5
35°	0.0	2.7	6.9	12.0	18.0	24.7	32.0	39.3	46.9	55.0	63.1
32.5°	0.0	2.7	7.2	12.5	18.8	25.7	33.2	40.8	48.7	57.0	65.4
30°	0.0	2.8	7.4	13.0	19.4	26.7	34.4	42.1	50.3	58.9	67.4
27.5°	0.0	2.8	7.7	13.4	20.1	27.5	35.5	43.5	51.8	60.7	69.3
25°	0.0	2.9	7.9	13.9	20.7	28.4	36.4	44.6	53.2	62.2	70.9
22.5°	0.0	2.9	8.1	14.2	21.3	29.1	37.3	45.7	54.5	63.6	72.3
20°	0.0	3.0	8.2	14.5	21.8	29.7	38.1	46.6	55.6	64.7	73.6
17.5°	0.0	3.0	8.4	14.8	22.2	30.3	38.8	47.4	56.6	65.7	74.8
15°	0.0	3.0	8.5	15.1	22.6	30.7	39.3	48.1	57.5	66.5	75.8
12.5°	0.0	3.0	8.6	15.3	22.9	31.1	39.8	48.7	58.2	67.1	76.6
10°	0.0	3.0	8.7	15.5	23.2	31.4	40.1	49.3	58.7	67.7	77.4
7.5°	0.0	3.0	8.8	15.6	23.4	31.5	40.3	49.7	59.1	68.3	78.3
5°	0.0	3.0	8.9	15.7	23.6	31.6	40.5	50.0	59.3	68.7	79.0
2.5°	0.0	3.0	8.9	15.8	23.7	31.7	40.5	50.2	59.3	68.9	79.6
0°	0.0	3.0	8.9	15.8	23.7	31.7	40.5	50.2	59.3	68.9	79.6
-2.5°	0.0	3.0	8.9	15.8	23.7	31.7	40.5	50.2	59.3	68.9	79.6
-5°	0.0	3.0	8.9	15.7	23.6	31.6	40.5	50.0	59.3	68.7	79.0
-7.5°	0.0	3.0	8.8	15.6	23.4	31.5	40.3	49.7	59.1	68.3	78.3
-10°	0.0	3.0	8.7	15.5	23.2	31.4	40.1	49.3	58.7	67.7	77.4
-12.5°	0.0	3.0	8.6	15.3	22.9	31.1	39.8	48.7	58.2	67.1	76.6
-15°	0.0	3.0	8.5	15.1	22.6	30.7	39.3	48.1	57.5	66.5	75.8
-17.5°	0.0	3.0	8.4	14.8	22.2	30.3	38.8	47.4	56.6	65.7	74.8
-20°	0.0	3.0	8.2	14.5	21.8	29.7	38.1	46.6	55.6	64.7	73.6

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CATALOG NUMBER: GFLD-SA1B-735-U-NR-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	8.1	14.2	21.3	29.1	37.3	45.7	54.5	63.6	72.3
-25°	0.0	2.9	7.9	13.9	20.7	28.4	36.4	44.6	53.2	62.2	70.9
-27.5°	0.0	2.8	7.7	13.4	20.1	27.5	35.5	43.5	51.8	60.7	69.3
-30°	0.0	2.8	7.4	13.0	19.4	26.7	34.4	42.1	50.3	58.9	67.4
-32.5°	0.0	2.7	7.2	12.5	18.8	25.7	33.2	40.8	48.7	57.0	65.4
-35°	0.0	2.7	6.9	12.0	18.0	24.7	32.0	39.3	46.9	55.0	63.1
-37.5°	0.0	2.6	6.7	11.5	17.2	23.6	30.6	37.7	45.0	52.8	60.5
-40°	0.0	2.5	6.4	10.9	16.4	22.6	29.2	36.1	43.0	50.5	57.8
-42.5°	0.0	2.4	6.1	10.3	15.6	21.5	27.7	34.3	40.9	48.0	55.1
-45°	0.0	2.3	5.8	9.7	14.8	20.3	26.2	32.5	38.8	45.4	52.2
-47.5°	0.0	2.3	5.5	9.1	13.9	19.1	24.6	30.6	36.6	42.7	49.2
-50°	0.0	2.1	5.2	8.6	13.1	17.8	23.0	28.6	34.3	40.1	46.2
-52.5°	0.0	2.0	4.8	8.1	12.1	16.5	21.4	26.5	31.9	37.4	43.1
-55°	0.0	1.9	4.5	7.6	11.2	15.3	19.8	24.4	29.4	34.5	39.9
-57.5°	0.0	1.8	4.1	7.0	10.2	14.1	18.1	22.5	26.8	31.6	36.5
-60°	0.0	1.7	3.8	6.5	9.2	12.8	16.4	20.4	24.2	28.5	33.1
-62.5°	0.0	1.6	3.5	5.9	8.4	11.5	14.9	18.3	21.8	25.4	29.5
-65°	0.0	1.4	3.2	5.3	7.6	10.2	13.3	16.3	19.4	22.5	25.8
-67.5°	0.0	1.3	2.9	4.7	6.7	9.0	11.7	14.3	16.9	19.7	22.5
-70°	0.0	1.2	2.6	4.0	5.9	7.9	10.0	12.4	14.6	16.9	19.4
-72.5°	0.0	1.0	2.3	3.5	5.0	6.7	8.6	10.4	12.4	14.3	16.3
-75°	0.0	0.9	2.0	3.0	4.1	5.5	7.1	8.6	10.1	11.8	13.4
-77.5°	0.0	0.7	1.7	2.5	3.4	4.3	5.6	6.9	8.1	9.3	10.6
-80°	0.0	0.6	1.3	2.0	2.7	3.4	4.1	5.1	6.1	7.0	8.0
-82.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.8	5.5
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	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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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°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
85°	3.6	3.9	4.3	4.8	5.1	5.5	5.7	6.0	6.4	6.8	7.3
82.5°	6.2	6.9	7.6	8.2	8.7	9.0	9.4	9.9	10.7	11.6	12.3
80°	8.9	9.9	10.9	11.9	12.7	13.6	14.5	15.4	16.4	17.3	18.1
77.5°	11.9	13.2	14.5	15.8	17.0	18.4	19.7	20.9	22.1	23.3	24.3
75°	15.0	16.6	18.4	20.1	21.7	23.4	24.9	26.6	28.2	29.8	31.2
72.5°	18.3	20.4	22.5	24.5	26.6	28.7	30.8	32.7	34.6	36.7	38.8
70°	21.8	24.2	26.9	29.4	31.8	34.3	36.9	39.0	41.1	43.9	46.7
67.5°	25.4	28.6	31.6	34.5	37.7	40.7	43.3	46.0	49.0	52.2	55.0
65°	29.6	33.1	36.6	40.3	44.0	47.1	50.3	53.7	57.1	60.3	63.3
62.5°	33.7	37.7	41.8	45.8	49.6	53.3	57.2	61.0	64.7	68.4	71.7
60°	37.8	42.3	46.6	50.7	55.0	59.6	64.0	68.2	72.6	76.8	79.0
57.5°	41.7	46.5	50.9	55.6	60.7	65.9	70.4	75.2	79.0	81.9	84.7
55°	45.3	50.3	55.2	60.4	66.0	71.4	76.5	80.7	84.2	86.8	89.8
52.5°	48.7	54.0	59.3	65.0	70.9	76.7	82.0	86.0	89.1	91.8	94.6
50°	52.1	57.6	63.2	69.5	75.8	82.0	87.1	90.8	93.7	96.5	99.4
47.5°	55.4	61.2	67.2	74.0	80.7	86.7	91.6	94.9	97.9	101.2	104.4
45°	58.6	64.9	71.3	78.5	85.3	91.1	95.2	98.6	102.3	105.8	109.3
42.5°	61.7	68.6	75.5	82.9	89.6	94.7	98.6	102.6	106.5	110.4	114.2
40°	64.9	72.1	79.4	86.8	93.5	97.9	102.1	106.3	110.7	114.8	119.1
37.5°	68.0	75.4	83.0	90.5	96.5	101.0	105.3	110.0	114.6	119.1	124.7
35°	70.9	78.4	86.0	93.3	99.1	103.8	108.5	113.5	118.3	124.2	130.5
32.5°	73.5	81.1	88.9	95.6	101.3	106.3	111.7	116.8	122.7	129.3	136.9
30°	75.7	83.5	91.3	97.8	103.4	108.7	114.5	120.2	127.1	135.0	144.1
27.5°	77.6	85.6	93.2	99.7	105.4	110.7	116.8	124.0	131.9	140.8	151.4
25°	79.4	87.8	94.9	101.5	107.0	112.6	119.1	127.1	136.5	147.2	160.2
22.5°	81.1	89.8	96.8	103.1	108.3	114.3	121.6	130.3	140.6	153.1	168.9
20°	82.7	91.4	98.2	104.4	109.2	115.8	123.9	133.1	144.8	159.7	178.0
17.5°	84.2	92.7	99.4	105.2	110.5	117.3	125.9	135.4	148.4	165.7	186.3
15°	85.6	93.8	100.3	105.9	111.6	119.0	127.9	138.3	152.4	171.5	193.7
12.5°	86.8	94.7	101.0	106.4	112.4	120.3	129.7	141.2	156.8	177.1	203.1
10°	87.8	95.4	101.5	106.7	113.1	121.4	131.2	143.6	160.3	181.4	210.3
7.5°	88.7	95.9	101.9	106.9	113.5	122.1	132.4	145.4	162.7	184.5	215.6
5°	89.3	96.4	102.3	107.5	114.2	122.7	133.2	146.7	164.1	186.4	218.8
2.5°	89.7	96.6	102.5	108.1	114.9	123.1	133.9	148.1	165.3	188.2	221.3
0°	89.8	96.7	102.6	108.5	115.4	123.3	134.1	148.9	165.7	189.4	222.9
-2.5°	89.7	96.6	102.5	108.1	114.9	123.1	133.9	148.1	165.3	188.2	221.3
-5°	89.3	96.4	102.3	107.5	114.2	122.7	133.2	146.7	164.1	186.4	218.8
-7.5°	88.7	95.9	101.9	106.9	113.5	122.1	132.4	145.4	162.7	184.5	215.6
-10°	87.8	95.4	101.5	106.7	113.1	121.4	131.2	143.6	160.3	181.4	210.3
-12.5°	86.8	94.7	101.0	106.4	112.4	120.3	129.7	141.2	156.8	177.1	203.1
-15°	85.6	93.8	100.3	105.9	111.6	119.0	127.9	138.3	152.4	171.5	193.7
-17.5°	84.2	92.7	99.4	105.2	110.5	117.3	125.9	135.4	148.4	165.7	186.3
-20°	82.7	91.4	98.2	104.4	109.2	115.8	123.9	133.1	144.8	159.7	178.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	81.1	89.8	96.8	103.1	108.3	114.3	121.6	130.3	140.6	153.1	168.9
-25°	79.4	87.8	94.9	101.5	107.0	112.6	119.1	127.1	136.5	147.2	160.2
-27.5°	77.6	85.6	93.2	99.7	105.4	110.7	116.8	124.0	131.9	140.8	151.4
-30°	75.7	83.5	91.3	97.8	103.4	108.7	114.5	120.2	127.1	135.0	144.1
-32.5°	73.5	81.1	88.9	95.6	101.3	106.3	111.7	116.8	122.7	129.3	136.9
-35°	70.9	78.4	86.0	93.3	99.1	103.8	108.5	113.5	118.3	124.2	130.5
-37.5°	68.0	75.4	83.0	90.5	96.5	101.0	105.3	110.0	114.6	119.1	124.7
-40°	64.9	72.1	79.4	86.8	93.5	97.9	102.1	106.3	110.7	114.8	119.1
-42.5°	61.7	68.6	75.5	82.9	89.6	94.7	98.6	102.6	106.5	110.4	114.2
-45°	58.6	64.9	71.3	78.5	85.3	91.1	95.2	98.6	102.3	105.8	109.3
-47.5°	55.4	61.2	67.2	74.0	80.7	86.7	91.6	94.9	97.9	101.2	104.4
-50°	52.1	57.6	63.2	69.5	75.8	82.0	87.1	90.8	93.7	96.5	99.4
-52.5°	48.7	54.0	59.3	65.0	70.9	76.7	82.0	86.0	89.1	91.8	94.6
-55°	45.3	50.3	55.2	60.4	66.0	71.4	76.5	80.7	84.2	86.8	89.8
-57.5°	41.7	46.5	50.9	55.6	60.7	65.9	70.4	75.2	79.0	81.9	84.7
-60°	37.8	42.3	46.6	50.7	55.0	59.6	64.0	68.2	72.6	76.8	79.0
-62.5°	33.7	37.7	41.8	45.8	49.6	53.3	57.2	61.0	64.7	68.4	71.7
-65°	29.6	33.1	36.6	40.3	44.0	47.1	50.3	53.7	57.1	60.3	63.3
-67.5°	25.4	28.6	31.6	34.5	37.7	40.7	43.3	46.0	49.0	52.2	55.0
-70°	21.8	24.2	26.9	29.4	31.8	34.3	36.9	39.0	41.1	43.9	46.7
-72.5°	18.3	20.4	22.5	24.5	26.6	28.7	30.8	32.7	34.6	36.7	38.8
-75°	15.0	16.6	18.4	20.1	21.7	23.4	24.9	26.6	28.2	29.8	31.2
-77.5°	11.9	13.2	14.5	15.8	17.0	18.4	19.7	20.9	22.1	23.3	24.3
-80°	8.9	9.9	10.9	11.9	12.7	13.6	14.5	15.4	16.4	17.3	18.1
-82.5°	6.2	6.9	7.6	8.2	8.7	9.0	9.4	9.9	10.7	11.6	12.3
-85°	3.6	3.9	4.3	4.8	5.1	5.5	5.7	6.0	6.4	6.8	7.3
-87.5°	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1
-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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-NR-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°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.6	3.4
85°	7.7	8.0	8.3	8.5	8.8	9.0	9.2	9.3	9.5	9.4	9.2
82.5°	13.0	13.5	14.0	14.4	14.9	15.2	15.5	15.8	16.1	16.1	16.0
80°	18.9	19.8	20.6	21.4	22.3	22.8	23.1	23.4	23.6	23.7	23.7
77.5°	25.4	26.7	28.1	29.4	30.7	31.5	32.0	32.5	32.8	32.9	32.8
75°	32.6	34.3	36.1	37.8	39.2	40.1	40.7	41.2	41.6	41.7	41.6
72.5°	41.0	43.1	44.8	46.1	47.3	48.3	49.0	49.7	50.2	50.4	50.4
70°	49.2	51.3	52.9	54.3	55.5	56.4	57.3	58.1	58.8	59.2	59.6
67.5°	57.6	59.9	61.5	62.8	63.8	64.8	66.0	67.1	68.0	68.5	68.8
65°	66.2	68.6	70.2	71.5	72.8	74.0	75.4	76.3	77.0	77.4	77.7
62.5°	74.5	76.7	78.7	80.5	82.2	83.7	84.6	85.5	86.2	86.8	87.3
60°	81.6	84.4	86.7	88.4	90.1	91.8	92.9	93.8	94.5	95.0	95.4
57.5°	87.6	90.6	93.2	94.9	96.8	98.8	100.1	100.8	101.5	102.1	102.4
55°	92.9	95.7	98.1	100.4	102.5	104.3	105.7	106.7	107.6	108.2	108.5
52.5°	97.7	100.7	103.5	106.0	108.1	109.8	111.2	112.5	113.4	114.1	114.3
50°	102.7	105.9	109.0	111.7	113.8	115.8	117.5	119.0	120.4	121.5	122.3
47.5°	107.7	111.1	114.4	117.4	120.0	122.8	125.2	127.3	129.4	131.1	132.3
45°	112.8	116.6	120.2	124.1	127.5	131.2	134.6	137.5	140.5	142.7	144.3
42.5°	118.2	122.7	127.1	131.9	136.6	141.3	146.4	151.0	154.5	157.8	160.5
40°	124.2	129.3	135.0	140.9	147.8	154.1	160.9	166.8	172.1	177.8	182.3
37.5°	130.5	136.9	144.4	152.3	161.2	169.7	178.7	187.6	195.3	204.4	211.3
35°	137.6	146.1	155.3	165.9	177.0	189.3	201.6	215.8	228.0	241.5	253.2
32.5°	145.8	156.0	168.1	182.1	196.3	215.0	232.4	255.0	274.6	295.9	317.4
30°	154.3	167.6	183.2	200.8	223.5	249.2	277.7	311.4	346.1	379.6	420.1
27.5°	164.9	180.9	199.8	225.6	259.0	293.6	342.7	393.2	457.0	509.7	584.0
25°	175.8	194.7	221.6	256.7	300.2	360.3	434.8	515.5	627.7	726.3	841.9
22.5°	187.8	213.2	246.7	290.0	356.1	448.3	561.0	713.0	878.5	1054.1	1228.9
20°	200.2	231.0	274.8	337.6	428.3	553.1	746.7	981.3	1217.7	1507.6	1764.3
17.5°	214.6	253.8	307.8	386.3	507.3	698.6	967.2	1294.6	1661.4	2078.2	2448.3
15°	226.6	273.3	341.5	451.3	617.8	863.4	1202.1	1652.6	2203.8	2763.5	3331.5
12.5°	240.5	294.5	374.6	505.6	714.6	1041.1	1502.1	2072.4	2760.7	3537.1	4452.4
10°	252.9	315.4	414.9	577.1	832.5	1226.4	1785.9	2471.9	3360.2	4477.3	5894.8
7.5°	262.1	332.0	446.1	631.5	934.5	1404.6	2054.0	2909.5	4038.2	5513.4	7458.7
5°	268.0	344.0	468.2	673.5	1014.3	1537.2	2250.5	3219.9	4581.6	6667.9	9962.1
2.5°	271.6	351.1	480.7	698.1	1062.8	1625.0	2400.1	3454.6	4933.7	7381.4	11572.3
0°	273.2	353.1	488.2	711.1	1079.0	1659.0	2468.7	3561.5	5091.3	7548.2	11855.3
-2.5°	271.6	351.1	480.7	698.1	1062.8	1625.0	2400.1	3454.6	4933.7	7381.4	11572.3
-5°	268.0	344.0	468.2	673.5	1014.3	1537.2	2250.5	3219.9	4581.6	6667.9	9962.1
-7.5°	262.1	332.0	446.1	631.5	934.5	1404.6	2054.0	2909.5	4038.2	5513.4	7458.7
-10°	252.9	315.4	414.9	577.1	832.5	1226.4	1785.9	2471.9	3360.2	4477.3	5894.8
-12.5°	240.5	294.5	374.6	505.6	714.6	1041.1	1502.1	2072.4	2760.7	3537.1	4452.4
-15°	226.6	273.3	341.5	451.3	617.8	863.4	1202.1	1652.6	2203.8	2763.5	3331.5
-17.5°	214.6	253.8	307.8	386.3	507.3	698.6	967.2	1294.6	1661.4	2078.2	2448.3
-20°	200.2	231.0	274.8	337.6	428.3	553.1	746.7	981.3	1217.7	1507.6	1764.3



REPORT NUMBER: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	187.8	213.2	246.7	290.0	356.1	448.3	561.0	713.0	878.5	1054.1	1228.9
-25°	175.8	194.7	221.6	256.7	300.2	360.3	434.8	515.5	627.7	726.3	841.9
-27.5°	164.9	180.9	199.8	225.6	259.0	293.6	342.7	393.2	457.0	509.7	584.0
-30°	154.3	167.6	183.2	200.8	223.5	249.2	277.7	311.4	346.1	379.6	420.1
-32.5°	145.8	156.0	168.1	182.1	196.3	215.0	232.4	255.0	274.6	295.9	317.4
-35°	137.6	146.1	155.3	165.9	177.0	189.3	201.6	215.8	228.0	241.5	253.2
-37.5°	130.5	136.9	144.4	152.3	161.2	169.7	178.7	187.6	195.3	204.4	211.3
-40°	124.2	129.3	135.0	140.9	147.8	154.1	160.9	166.8	172.1	177.8	182.3
-42.5°	118.2	122.7	127.1	131.9	136.6	141.3	146.4	151.0	154.5	157.8	160.5
-45°	112.8	116.6	120.2	124.1	127.5	131.2	134.6	137.5	140.5	142.7	144.3
-47.5°	107.7	111.1	114.4	117.4	120.0	122.8	125.2	127.3	129.4	131.1	132.3
-50°	102.7	105.9	109.0	111.7	113.8	115.8	117.5	119.0	120.4	121.5	122.3
-52.5°	97.7	100.7	103.5	106.0	108.1	109.8	111.2	112.5	113.4	114.1	114.3
-55°	92.9	95.7	98.1	100.4	102.5	104.3	105.7	106.7	107.6	108.2	108.5
-57.5°	87.6	90.6	93.2	94.9	96.8	98.8	100.1	100.8	101.5	102.1	102.4
-60°	81.6	84.4	86.7	88.4	90.1	91.8	92.9	93.8	94.5	95.0	95.4
-62.5°	74.5	76.7	78.7	80.5	82.2	83.7	84.6	85.5	86.2	86.8	87.3
-65°	66.2	68.6	70.2	71.5	72.8	74.0	75.4	76.3	77.0	77.4	77.7
-67.5°	57.6	59.9	61.5	62.8	63.8	64.8	66.0	67.1	68.0	68.5	68.8
-70°	49.2	51.3	52.9	54.3	55.5	56.4	57.3	58.1	58.8	59.2	59.6
-72.5°	41.0	43.1	44.8	46.1	47.3	48.3	49.0	49.7	50.2	50.4	50.4
-75°	32.6	34.3	36.1	37.8	39.2	40.1	40.7	41.2	41.6	41.7	41.6
-77.5°	25.4	26.7	28.1	29.4	30.7	31.5	32.0	32.5	32.8	32.9	32.8
-80°	18.9	19.8	20.6	21.4	22.3	22.8	23.1	23.4	23.6	23.7	23.7
-82.5°	13.0	13.5	14.0	14.4	14.9	15.2	15.5	15.8	16.1	16.1	16.0
-85°	7.7	8.0	8.3	8.5	8.8	9.0	9.2	9.3	9.5	9.4	9.2
-87.5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-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	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
85°	9.1	8.9	8.9	8.9	8.9	8.9	9.1	9.2	9.4	9.5	9.3
82.5°	15.9	15.7	15.8	15.8	15.8	15.7	15.9	16.0	16.1	16.1	15.8
80°	23.7	23.6	23.2	22.7	23.2	23.6	23.7	23.7	23.7	23.6	23.4
77.5°	32.6	32.4	32.0	31.6	32.0	32.4	32.6	32.8	32.9	32.8	32.5
75°	41.5	41.2	41.3	41.4	41.3	41.2	41.5	41.6	41.7	41.6	41.2
72.5°	50.3	50.1	50.2	50.3	50.2	50.1	50.3	50.4	50.4	50.2	49.7
70°	59.8	59.9	59.7	59.2	59.7	59.9	59.8	59.6	59.2	58.8	58.1
67.5°	68.9	68.8	68.5	68.1	68.5	68.8	68.9	68.8	68.5	68.0	67.1
65°	77.7	77.6	77.8	77.9	77.8	77.6	77.7	77.7	77.4	77.0	76.3
62.5°	87.5	87.5	87.3	86.8	87.3	87.5	87.5	87.3	86.8	86.2	85.5
60°	95.5	95.4	95.2	94.7	95.2	95.4	95.5	95.4	95.0	94.5	93.8
57.5°	102.5	102.4	102.1	101.6	102.1	102.4	102.5	102.4	102.1	101.5	100.8
55°	108.5	108.4	108.0	107.5	108.0	108.4	108.5	108.5	108.2	107.6	106.7
52.5°	114.4	114.3	114.3	114.4	114.3	114.3	114.4	114.3	114.1	113.4	112.5
50°	122.8	123.0	122.8	122.3	122.8	123.0	122.8	122.3	121.5	120.4	119.0
47.5°	132.8	132.9	132.7	132.2	132.7	132.9	132.8	132.3	131.1	129.4	127.3
45°	145.5	146.2	146.4	146.0	146.4	146.2	145.5	144.3	142.7	140.5	137.5
42.5°	162.6	163.7	164.0	163.7	164.0	163.7	162.6	160.5	157.8	154.5	151.0
40°	185.1	186.3	186.6	186.4	186.6	186.3	185.1	182.3	177.8	172.1	166.8
37.5°	216.2	219.3	220.7	220.9	220.7	219.3	216.2	211.3	204.4	195.3	187.6
35°	262.1	268.3	271.6	273.2	271.6	268.3	262.1	253.2	241.5	228.0	215.8
32.5°	333.7	346.1	353.0	352.1	353.0	346.1	333.7	317.4	295.9	274.6	255.0
30°	450.6	472.3	483.2	480.3	483.2	472.3	450.6	420.1	379.6	346.1	311.4
27.5°	637.4	676.6	699.4	696.3	699.4	676.6	637.4	584.0	509.7	457.0	393.2
25°	938.5	1010.0	1055.8	1044.5	1055.8	1010.0	938.5	841.9	726.3	627.7	515.5
22.5°	1396.4	1517.6	1597.8	1587.9	1597.8	1517.6	1396.4	1228.9	1054.1	878.5	713.0
20°	2024.6	2209.0	2340.8	2358.2	2340.8	2209.0	2024.6	1764.3	1507.6	1217.7	981.3
17.5°	2848.0	3140.5	3344.1	3378.1	3344.1	3140.5	2848.0	2448.3	2078.2	1661.4	1294.6
15°	3918.2	4396.2	4742.2	4770.7	4742.2	4396.2	3918.2	3331.5	2763.5	2203.8	1652.6
12.5°	5371.3	6332.7	6960.2	7236.5	6960.2	6332.7	5371.3	4452.4	3537.1	2760.7	2072.4
10°	7382.3	9590.7	11005.1	11536.8	11005.1	9590.7	7382.3	5894.8	4477.3	3360.2	2471.9
7.5°	10741.3	14208.6	18063.4	19706.3	18063.4	14208.6	10741.3	7458.7	5513.4	4038.2	2909.5
5°	14545.0	21741.1	28586.0	31258.8	28586.0	21741.1	14545.0	9962.1	6667.9	4581.6	3219.9
2.5°	18547.5	28577.9	37977.1	41652.9	37977.1	28577.9	18547.5	11572.3	7381.4	4933.7	3454.6
0°	20110.7	31571.5	41912.9	46034.6	41912.9	31571.5	20110.7	11855.3	7548.2	5091.3	3561.5
-2.5°	18547.5	28577.9	37977.1	41652.9	37977.1	28577.9	18547.5	11572.3	7381.4	4933.7	3454.6
-5°	14545.0	21741.1	28586.0	31258.8	28586.0	21741.1	14545.0	9962.1	6667.9	4581.6	3219.9
-7.5°	10741.3	14208.6	18063.4	19706.3	18063.4	14208.6	10741.3	7458.7	5513.4	4038.2	2909.5
-10°	7382.3	9590.7	11005.1	11536.8	11005.1	9590.7	7382.3	5894.8	4477.3	3360.2	2471.9
-12.5°	5371.3	6332.7	6960.2	7236.5	6960.2	6332.7	5371.3	4452.4	3537.1	2760.7	2072.4
-15°	3918.2	4396.2	4742.2	4770.7	4742.2	4396.2	3918.2	3331.5	2763.5	2203.8	1652.6
-17.5°	2848.0	3140.5	3344.1	3378.1	3344.1	3140.5	2848.0	2448.3	2078.2	1661.4	1294.6
-20°	2024.6	2209.0	2340.8	2358.2	2340.8	2209.0	2024.6	1764.3	1507.6	1217.7	981.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1396.4	1517.6	1597.8	1587.9	1597.8	1517.6	1396.4	1228.9	1054.1	878.5	713.0
-25°	938.5	1010.0	1055.8	1044.5	1055.8	1010.0	938.5	841.9	726.3	627.7	515.5
-27.5°	637.4	676.6	699.4	696.3	699.4	676.6	637.4	584.0	509.7	457.0	393.2
-30°	450.6	472.3	483.2	480.3	483.2	472.3	450.6	420.1	379.6	346.1	311.4
-32.5°	333.7	346.1	353.0	352.1	353.0	346.1	333.7	317.4	295.9	274.6	255.0
-35°	262.1	268.3	271.6	273.2	271.6	268.3	262.1	253.2	241.5	228.0	215.8
-37.5°	216.2	219.3	220.7	220.9	220.7	219.3	216.2	211.3	204.4	195.3	187.6
-40°	185.1	186.3	186.6	186.4	186.6	186.3	185.1	182.3	177.8	172.1	166.8
-42.5°	162.6	163.7	164.0	163.7	164.0	163.7	162.6	160.5	157.8	154.5	151.0
-45°	145.5	146.2	146.4	146.0	146.4	146.2	145.5	144.3	142.7	140.5	137.5
-47.5°	132.8	132.9	132.7	132.2	132.7	132.9	132.8	132.3	131.1	129.4	127.3
-50°	122.8	123.0	122.8	122.3	122.8	123.0	122.8	122.3	121.5	120.4	119.0
-52.5°	114.4	114.3	114.3	114.4	114.3	114.3	114.4	114.3	114.1	113.4	112.5
-55°	108.5	108.4	108.0	107.5	108.0	108.4	108.5	108.5	108.2	107.6	106.7
-57.5°	102.5	102.4	102.1	101.6	102.1	102.4	102.5	102.4	102.1	101.5	100.8
-60°	95.5	95.4	95.2	94.7	95.2	95.4	95.5	95.4	95.0	94.5	93.8
-62.5°	87.5	87.5	87.3	86.8	87.3	87.5	87.5	87.3	86.8	86.2	85.5
-65°	77.7	77.6	77.8	77.9	77.8	77.6	77.7	77.7	77.4	77.0	76.3
-67.5°	68.9	68.8	68.5	68.1	68.5	68.8	68.9	68.8	68.5	68.0	67.1
-70°	59.8	59.9	59.7	59.2	59.7	59.9	59.8	59.6	59.2	58.8	58.1
-72.5°	50.3	50.1	50.2	50.3	50.2	50.1	50.3	50.4	50.4	50.2	49.7
-75°	41.5	41.2	41.3	41.4	41.3	41.2	41.5	41.6	41.7	41.6	41.2
-77.5°	32.6	32.4	32.0	31.6	32.0	32.4	32.6	32.8	32.9	32.8	32.5
-80°	23.7	23.6	23.2	22.7	23.2	23.6	23.7	23.7	23.7	23.6	23.4
-82.5°	15.9	15.7	15.8	15.8	15.8	15.7	15.9	16.0	16.1	16.1	15.8
-85°	9.1	8.9	8.9	8.9	8.9	8.9	9.1	9.2	9.4	9.5	9.3
-87.5°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
-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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-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°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
85°	9.2	9.0	8.8	8.5	8.3	8.0	7.7	7.3	6.8	6.4	6.0
82.5°	15.5	15.2	14.9	14.4	14.0	13.5	13.0	12.3	11.6	10.7	9.9
80°	23.1	22.8	22.3	21.4	20.6	19.8	18.9	18.1	17.3	16.4	15.4
77.5°	32.0	31.5	30.7	29.4	28.1	26.7	25.4	24.3	23.3	22.1	20.9
75°	40.7	40.1	39.2	37.8	36.1	34.3	32.6	31.2	29.8	28.2	26.6
72.5°	49.0	48.3	47.3	46.1	44.8	43.1	41.0	38.8	36.7	34.6	32.7
70°	57.3	56.4	55.5	54.3	52.9	51.3	49.2	46.7	43.9	41.1	39.0
67.5°	66.0	64.8	63.8	62.8	61.5	59.9	57.6	55.0	52.2	49.0	46.0
65°	75.4	74.0	72.8	71.5	70.2	68.6	66.2	63.3	60.3	57.1	53.7
62.5°	84.6	83.7	82.2	80.5	78.7	76.7	74.5	71.7	68.4	64.7	61.0
60°	92.9	91.8	90.1	88.4	86.7	84.4	81.6	79.0	76.8	72.6	68.2
57.5°	100.1	98.8	96.8	94.9	93.2	90.6	87.6	84.7	81.9	79.0	75.2
55°	105.7	104.3	102.5	100.4	98.1	95.7	92.9	89.8	86.8	84.2	80.7
52.5°	111.2	109.8	108.1	106.0	103.5	100.7	97.7	94.6	91.8	89.1	86.0
50°	117.5	115.8	113.8	111.7	109.0	105.9	102.7	99.4	96.5	93.7	90.8
47.5°	125.2	122.8	120.0	117.4	114.4	111.1	107.7	104.4	101.2	97.9	94.9
45°	134.6	131.2	127.5	124.1	120.2	116.6	112.8	109.3	105.8	102.3	98.6
42.5°	146.4	141.3	136.6	131.9	127.1	122.7	118.2	114.2	110.4	106.5	102.6
40°	160.9	154.1	147.8	140.9	135.0	129.3	124.2	119.1	114.8	110.7	106.3
37.5°	178.7	169.7	161.2	152.3	144.4	136.9	130.5	124.7	119.1	114.6	110.0
35°	201.6	189.3	177.0	165.9	155.3	146.1	137.6	130.5	124.2	118.3	113.5
32.5°	232.4	215.0	196.3	182.1	168.1	156.0	145.8	136.9	129.3	122.7	116.8
30°	277.7	249.2	223.5	200.8	183.2	167.6	154.3	144.1	135.0	127.1	120.2
27.5°	342.7	293.6	259.0	225.6	199.8	180.9	164.9	151.4	140.8	131.9	124.0
25°	434.8	360.3	300.2	256.7	221.6	194.7	175.8	160.2	147.2	136.5	127.1
22.5°	561.0	448.3	356.1	290.0	246.7	213.2	187.8	168.9	153.1	140.6	130.3
20°	746.7	553.1	428.3	337.6	274.8	231.0	200.2	178.0	159.7	144.8	133.1
17.5°	967.2	698.6	507.3	386.3	307.8	253.8	214.6	186.3	165.7	148.4	135.4
15°	1202.1	863.4	617.8	451.3	341.5	273.3	226.6	193.7	171.5	152.4	138.3
12.5°	1502.1	1041.1	714.6	505.6	374.6	294.5	240.5	203.1	177.1	156.8	141.2
10°	1785.9	1226.4	832.5	577.1	414.9	315.4	252.9	210.3	181.4	160.3	143.6
7.5°	2054.0	1404.6	934.5	631.5	446.1	332.0	262.1	215.6	184.5	162.7	145.4
5°	2250.5	1537.2	1014.3	673.5	468.2	344.0	268.0	218.8	186.4	164.1	146.7
2.5°	2400.1	1625.0	1062.8	698.1	480.7	351.1	271.6	221.3	188.2	165.3	148.1
0°	2468.7	1659.0	1079.0	711.1	488.2	353.1	273.2	222.9	189.4	165.7	148.9
-2.5°	2400.1	1625.0	1062.8	698.1	480.7	351.1	271.6	221.3	188.2	165.3	148.1
-5°	2250.5	1537.2	1014.3	673.5	468.2	344.0	268.0	218.8	186.4	164.1	146.7
-7.5°	2054.0	1404.6	934.5	631.5	446.1	332.0	262.1	215.6	184.5	162.7	145.4
-10°	1785.9	1226.4	832.5	577.1	414.9	315.4	252.9	210.3	181.4	160.3	143.6
-12.5°	1502.1	1041.1	714.6	505.6	374.6	294.5	240.5	203.1	177.1	156.8	141.2
-15°	1202.1	863.4	617.8	451.3	341.5	273.3	226.6	193.7	171.5	152.4	138.3
-17.5°	967.2	698.6	507.3	386.3	307.8	253.8	214.6	186.3	165.7	148.4	135.4
-20°	746.7	553.1	428.3	337.6	274.8	231.0	200.2	178.0	159.7	144.8	133.1

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REPORT NUMBER: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	561.0	448.3	356.1	290.0	246.7	213.2	187.8	168.9	153.1	140.6	130.3
-25°	434.8	360.3	300.2	256.7	221.6	194.7	175.8	160.2	147.2	136.5	127.1
-27.5°	342.7	293.6	259.0	225.6	199.8	180.9	164.9	151.4	140.8	131.9	124.0
-30°	277.7	249.2	223.5	200.8	183.2	167.6	154.3	144.1	135.0	127.1	120.2
-32.5°	232.4	215.0	196.3	182.1	168.1	156.0	145.8	136.9	129.3	122.7	116.8
-35°	201.6	189.3	177.0	165.9	155.3	146.1	137.6	130.5	124.2	118.3	113.5
-37.5°	178.7	169.7	161.2	152.3	144.4	136.9	130.5	124.7	119.1	114.6	110.0
-40°	160.9	154.1	147.8	140.9	135.0	129.3	124.2	119.1	114.8	110.7	106.3
-42.5°	146.4	141.3	136.6	131.9	127.1	122.7	118.2	114.2	110.4	106.5	102.6
-45°	134.6	131.2	127.5	124.1	120.2	116.6	112.8	109.3	105.8	102.3	98.6
-47.5°	125.2	122.8	120.0	117.4	114.4	111.1	107.7	104.4	101.2	97.9	94.9
-50°	117.5	115.8	113.8	111.7	109.0	105.9	102.7	99.4	96.5	93.7	90.8
-52.5°	111.2	109.8	108.1	106.0	103.5	100.7	97.7	94.6	91.8	89.1	86.0
-55°	105.7	104.3	102.5	100.4	98.1	95.7	92.9	89.8	86.8	84.2	80.7
-57.5°	100.1	98.8	96.8	94.9	93.2	90.6	87.6	84.7	81.9	79.0	75.2
-60°	92.9	91.8	90.1	88.4	86.7	84.4	81.6	79.0	76.8	72.6	68.2
-62.5°	84.6	83.7	82.2	80.5	78.7	76.7	74.5	71.7	68.4	64.7	61.0
-65°	75.4	74.0	72.8	71.5	70.2	68.6	66.2	63.3	60.3	57.1	53.7
-67.5°	66.0	64.8	63.8	62.8	61.5	59.9	57.6	55.0	52.2	49.0	46.0
-70°	57.3	56.4	55.5	54.3	52.9	51.3	49.2	46.7	43.9	41.1	39.0
-72.5°	49.0	48.3	47.3	46.1	44.8	43.1	41.0	38.8	36.7	34.6	32.7
-75°	40.7	40.1	39.2	37.8	36.1	34.3	32.6	31.2	29.8	28.2	26.6
-77.5°	32.0	31.5	30.7	29.4	28.1	26.7	25.4	24.3	23.3	22.1	20.9
-80°	23.1	22.8	22.3	21.4	20.6	19.8	18.9	18.1	17.3	16.4	15.4
-82.5°	15.5	15.2	14.9	14.4	14.0	13.5	13.0	12.3	11.6	10.7	9.9
-85°	9.2	9.0	8.8	8.5	8.3	8.0	7.7	7.3	6.8	6.4	6.0
-87.5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-NR-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°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
85°	5.7	5.5	5.1	4.8	4.3	3.9	3.6	3.3	3.0	2.7	2.3
82.5°	9.4	9.0	8.7	8.2	7.6	6.9	6.2	5.5	4.8	4.0	3.5
80°	14.5	13.6	12.7	11.9	10.9	9.9	8.9	8.0	7.0	6.1	5.1
77.5°	19.7	18.4	17.0	15.8	14.5	13.2	11.9	10.6	9.3	8.1	6.9
75°	24.9	23.4	21.7	20.1	18.4	16.6	15.0	13.4	11.8	10.1	8.6
72.5°	30.8	28.7	26.6	24.5	22.5	20.4	18.3	16.3	14.3	12.4	10.4
70°	36.9	34.3	31.8	29.4	26.9	24.2	21.8	19.4	16.9	14.6	12.4
67.5°	43.3	40.7	37.7	34.5	31.6	28.6	25.4	22.5	19.7	16.9	14.3
65°	50.3	47.1	44.0	40.3	36.6	33.1	29.6	25.8	22.5	19.4	16.3
62.5°	57.2	53.3	49.6	45.8	41.8	37.7	33.7	29.5	25.4	21.8	18.3
60°	64.0	59.6	55.0	50.7	46.6	42.3	37.8	33.1	28.5	24.2	20.4
57.5°	70.4	65.9	60.7	55.6	50.9	46.5	41.7	36.5	31.6	26.8	22.5
55°	76.5	71.4	66.0	60.4	55.2	50.3	45.3	39.9	34.5	29.4	24.4
52.5°	82.0	76.7	70.9	65.0	59.3	54.0	48.7	43.1	37.4	31.9	26.5
50°	87.1	82.0	75.8	69.5	63.2	57.6	52.1	46.2	40.1	34.3	28.6
47.5°	91.6	86.7	80.7	74.0	67.2	61.2	55.4	49.2	42.7	36.6	30.6
45°	95.2	91.1	85.3	78.5	71.3	64.9	58.6	52.2	45.4	38.8	32.5
42.5°	98.6	94.7	89.6	82.9	75.5	68.6	61.7	55.1	48.0	40.9	34.3
40°	102.1	97.9	93.5	86.8	79.4	72.1	64.9	57.8	50.5	43.0	36.1
37.5°	105.3	101.0	96.5	90.5	83.0	75.4	68.0	60.5	52.8	45.0	37.7
35°	108.5	103.8	99.1	93.3	86.0	78.4	70.9	63.1	55.0	46.9	39.3
32.5°	111.7	106.3	101.3	95.6	88.9	81.1	73.5	65.4	57.0	48.7	40.8
30°	114.5	108.7	103.4	97.8	91.3	83.5	75.7	67.4	58.9	50.3	42.1
27.5°	116.8	110.7	105.4	99.7	93.2	85.6	77.6	69.3	60.7	51.8	43.5
25°	119.1	112.6	107.0	101.5	94.9	87.8	79.4	70.9	62.2	53.2	44.6
22.5°	121.6	114.3	108.3	103.1	96.8	89.8	81.1	72.3	63.6	54.5	45.7
20°	123.9	115.8	109.2	104.4	98.2	91.4	82.7	73.6	64.7	55.6	46.6
17.5°	125.9	117.3	110.5	105.2	99.4	92.7	84.2	74.8	65.7	56.6	47.4
15°	127.9	119.0	111.6	105.9	100.3	93.8	85.6	75.8	66.5	57.5	48.1
12.5°	129.7	120.3	112.4	106.4	101.0	94.7	86.8	76.6	67.1	58.2	48.7
10°	131.2	121.4	113.1	106.7	101.5	95.4	87.8	77.4	67.7	58.7	49.3
7.5°	132.4	122.1	113.5	106.9	101.9	95.9	88.7	78.3	68.3	59.1	49.7
5°	133.2	122.7	114.2	107.5	102.3	96.4	89.3	79.0	68.7	59.3	50.0
2.5°	133.9	123.1	114.9	108.1	102.5	96.6	89.7	79.6	68.9	59.3	50.2
0°	134.1	123.3	115.4	108.5	102.6	96.7	89.8	79.9	69.0	59.2	50.3
-2.5°	133.9	123.1	114.9	108.1	102.5	96.6	89.7	79.6	68.9	59.3	50.2
-5°	133.2	122.7	114.2	107.5	102.3	96.4	89.3	79.0	68.7	59.3	50.0
-7.5°	132.4	122.1	113.5	106.9	101.9	95.9	88.7	78.3	68.3	59.1	49.7
-10°	131.2	121.4	113.1	106.7	101.5	95.4	87.8	77.4	67.7	58.7	49.3
-12.5°	129.7	120.3	112.4	106.4	101.0	94.7	86.8	76.6	67.1	58.2	48.7
-15°	127.9	119.0	111.6	105.9	100.3	93.8	85.6	75.8	66.5	57.5	48.1
-17.5°	125.9	117.3	110.5	105.2	99.4	92.7	84.2	74.8	65.7	56.6	47.4
-20°	123.9	115.8	109.2	104.4	98.2	91.4	82.7	73.6	64.7	55.6	46.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	121.6	114.3	108.3	103.1	96.8	89.8	81.1	72.3	63.6	54.5	45.7
-25°	119.1	112.6	107.0	101.5	94.9	87.8	79.4	70.9	62.2	53.2	44.6
-27.5°	116.8	110.7	105.4	99.7	93.2	85.6	77.6	69.3	60.7	51.8	43.5
-30°	114.5	108.7	103.4	97.8	91.3	83.5	75.7	67.4	58.9	50.3	42.1
-32.5°	111.7	106.3	101.3	95.6	88.9	81.1	73.5	65.4	57.0	48.7	40.8
-35°	108.5	103.8	99.1	93.3	86.0	78.4	70.9	63.1	55.0	46.9	39.3
-37.5°	105.3	101.0	96.5	90.5	83.0	75.4	68.0	60.5	52.8	45.0	37.7
-40°	102.1	97.9	93.5	86.8	79.4	72.1	64.9	57.8	50.5	43.0	36.1
-42.5°	98.6	94.7	89.6	82.9	75.5	68.6	61.7	55.1	48.0	40.9	34.3
-45°	95.2	91.1	85.3	78.5	71.3	64.9	58.6	52.2	45.4	38.8	32.5
-47.5°	91.6	86.7	80.7	74.0	67.2	61.2	55.4	49.2	42.7	36.6	30.6
-50°	87.1	82.0	75.8	69.5	63.2	57.6	52.1	46.2	40.1	34.3	28.6
-52.5°	82.0	76.7	70.9	65.0	59.3	54.0	48.7	43.1	37.4	31.9	26.5
-55°	76.5	71.4	66.0	60.4	55.2	50.3	45.3	39.9	34.5	29.4	24.4
-57.5°	70.4	65.9	60.7	55.6	50.9	46.5	41.7	36.5	31.6	26.8	22.5
-60°	64.0	59.6	55.0	50.7	46.6	42.3	37.8	33.1	28.5	24.2	20.4
-62.5°	57.2	53.3	49.6	45.8	41.8	37.7	33.7	29.5	25.4	21.8	18.3
-65°	50.3	47.1	44.0	40.3	36.6	33.1	29.6	25.8	22.5	19.4	16.3
-67.5°	43.3	40.7	37.7	34.5	31.6	28.6	25.4	22.5	19.7	16.9	14.3
-70°	36.9	34.3	31.8	29.4	26.9	24.2	21.8	19.4	16.9	14.6	12.4
-72.5°	30.8	28.7	26.6	24.5	22.5	20.4	18.3	16.3	14.3	12.4	10.4
-75°	24.9	23.4	21.7	20.1	18.4	16.6	15.0	13.4	11.8	10.1	8.6
-77.5°	19.7	18.4	17.0	15.8	14.5	13.2	11.9	10.6	9.3	8.1	6.9
-80°	14.5	13.6	12.7	11.9	10.9	9.9	8.9	8.0	7.0	6.1	5.1
-82.5°	9.4	9.0	8.7	8.2	7.6	6.9	6.2	5.5	4.8	4.0	3.5
-85°	5.7	5.5	5.1	4.8	4.3	3.9	3.6	3.3	3.0	2.7	2.3
-87.5°	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
-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: P626619 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-NR-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
80°	4.1	3.4	2.7	2.0	1.3	0.6	0.0
77.5°	5.6	4.3	3.4	2.5	1.7	0.7	0.0
75°	7.1	5.5	4.1	3.0	2.0	0.9	0.0
72.5°	8.6	6.7	5.0	3.5	2.3	1.0	0.0
70°	10.0	7.9	5.9	4.0	2.6	1.2	0.0
67.5°	11.7	9.0	6.7	4.7	2.9	1.3	0.0
65°	13.3	10.2	7.6	5.3	3.2	1.4	0.0
62.5°	14.9	11.5	8.4	5.9	3.5	1.6	0.0
60°	16.4	12.8	9.2	6.5	3.8	1.7	0.0
57.5°	18.1	14.1	10.2	7.0	4.1	1.8	0.0
55°	19.8	15.3	11.2	7.6	4.5	1.9	0.0
52.5°	21.4	16.5	12.1	8.1	4.8	2.0	0.0
50°	23.0	17.8	13.1	8.6	5.2	2.1	0.0
47.5°	24.6	19.1	13.9	9.1	5.5	2.3	0.0
45°	26.2	20.3	14.8	9.7	5.8	2.3	0.0
42.5°	27.7	21.5	15.6	10.3	6.1	2.4	0.0
40°	29.2	22.6	16.4	10.9	6.4	2.5	0.0
37.5°	30.6	23.6	17.2	11.5	6.7	2.6	0.0
35°	32.0	24.7	18.0	12.0	6.9	2.7	0.0
32.5°	33.2	25.7	18.8	12.5	7.2	2.7	0.0
30°	34.4	26.7	19.4	13.0	7.4	2.8	0.0
27.5°	35.5	27.5	20.1	13.4	7.7	2.8	0.0
25°	36.4	28.4	20.7	13.9	7.9	2.9	0.0
22.5°	37.3	29.1	21.3	14.2	8.1	2.9	0.0
20°	38.1	29.7	21.8	14.5	8.2	3.0	0.0
17.5°	38.8	30.3	22.2	14.8	8.4	3.0	0.0
15°	39.3	30.7	22.6	15.1	8.5	3.0	0.0
12.5°	39.8	31.1	22.9	15.3	8.6	3.0	0.0
10°	40.1	31.4	23.2	15.5	8.7	3.0	0.0
7.5°	40.3	31.5	23.4	15.6	8.8	3.0	0.0
5°	40.5	31.6	23.6	15.7	8.9	3.0	0.0
2.5°	40.5	31.7	23.7	15.8	8.9	3.0	0.0
0°	40.4	31.6	23.7	15.8	8.9	3.0	0.0
-2.5°	40.5	31.7	23.7	15.8	8.9	3.0	0.0
-5°	40.5	31.6	23.6	15.7	8.9	3.0	0.0
-7.5°	40.3	31.5	23.4	15.6	8.8	3.0	0.0
-10°	40.1	31.4	23.2	15.5	8.7	3.0	0.0
-12.5°	39.8	31.1	22.9	15.3	8.6	3.0	0.0
-15°	39.3	30.7	22.6	15.1	8.5	3.0	0.0
-17.5°	38.8	30.3	22.2	14.8	8.4	3.0	0.0
-20°	38.1	29.7	21.8	14.5	8.2	3.0	0.0

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CATALOG NUMBER: GFLD-SA1B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.3	29.1	21.3	14.2	8.1	2.9	0.0
-25°	36.4	28.4	20.7	13.9	7.9	2.9	0.0
-27.5°	35.5	27.5	20.1	13.4	7.7	2.8	0.0
-30°	34.4	26.7	19.4	13.0	7.4	2.8	0.0
-32.5°	33.2	25.7	18.8	12.5	7.2	2.7	0.0
-35°	32.0	24.7	18.0	12.0	6.9	2.7	0.0
-37.5°	30.6	23.6	17.2	11.5	6.7	2.6	0.0
-40°	29.2	22.6	16.4	10.9	6.4	2.5	0.0
-42.5°	27.7	21.5	15.6	10.3	6.1	2.4	0.0
-45°	26.2	20.3	14.8	9.7	5.8	2.3	0.0
-47.5°	24.6	19.1	13.9	9.1	5.5	2.3	0.0
-50°	23.0	17.8	13.1	8.6	5.2	2.1	0.0
-52.5°	21.4	16.5	12.1	8.1	4.8	2.0	0.0
-55°	19.8	15.3	11.2	7.6	4.5	1.9	0.0
-57.5°	18.1	14.1	10.2	7.0	4.1	1.8	0.0
-60°	16.4	12.8	9.2	6.5	3.8	1.7	0.0
-62.5°	14.9	11.5	8.4	5.9	3.5	1.6	0.0
-65°	13.3	10.2	7.6	5.3	3.2	1.4	0.0
-67.5°	11.7	9.0	6.7	4.7	2.9	1.3	0.0
-70°	10.0	7.9	5.9	4.0	2.6	1.2	0.0
-72.5°	8.6	6.7	5.0	3.5	2.3	1.0	0.0
-75°	7.1	5.5	4.1	3.0	2.0	0.9	0.0
-77.5°	5.6	4.3	3.4	2.5	1.7	0.7	0.0
-80°	4.1	3.4	2.7	2.0	1.3	0.6	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)