

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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-740-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N25
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

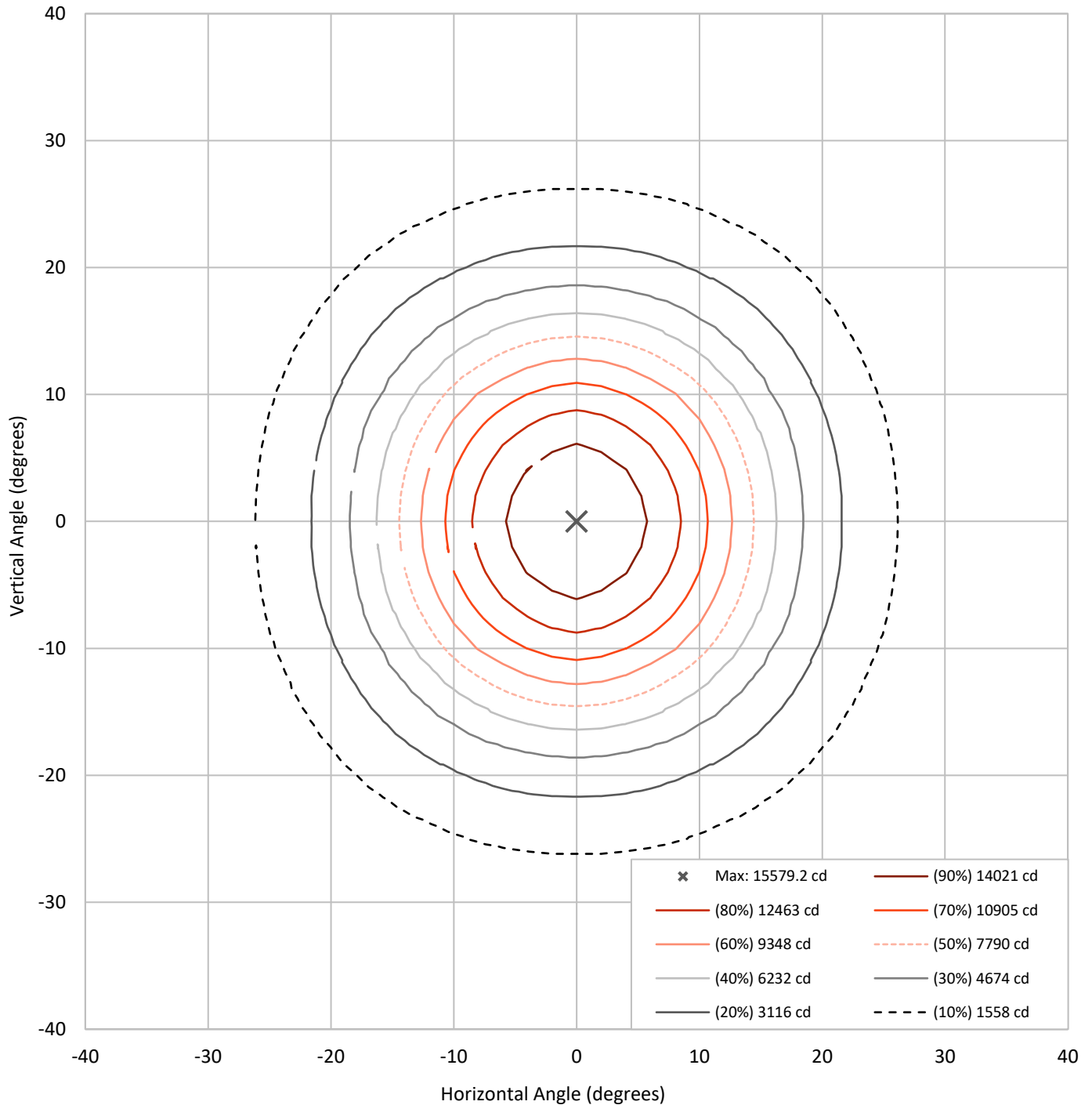
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4867.5 lumens	Max Intensity:	15579.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2366.5 lumens	Field Lumens:	3993.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





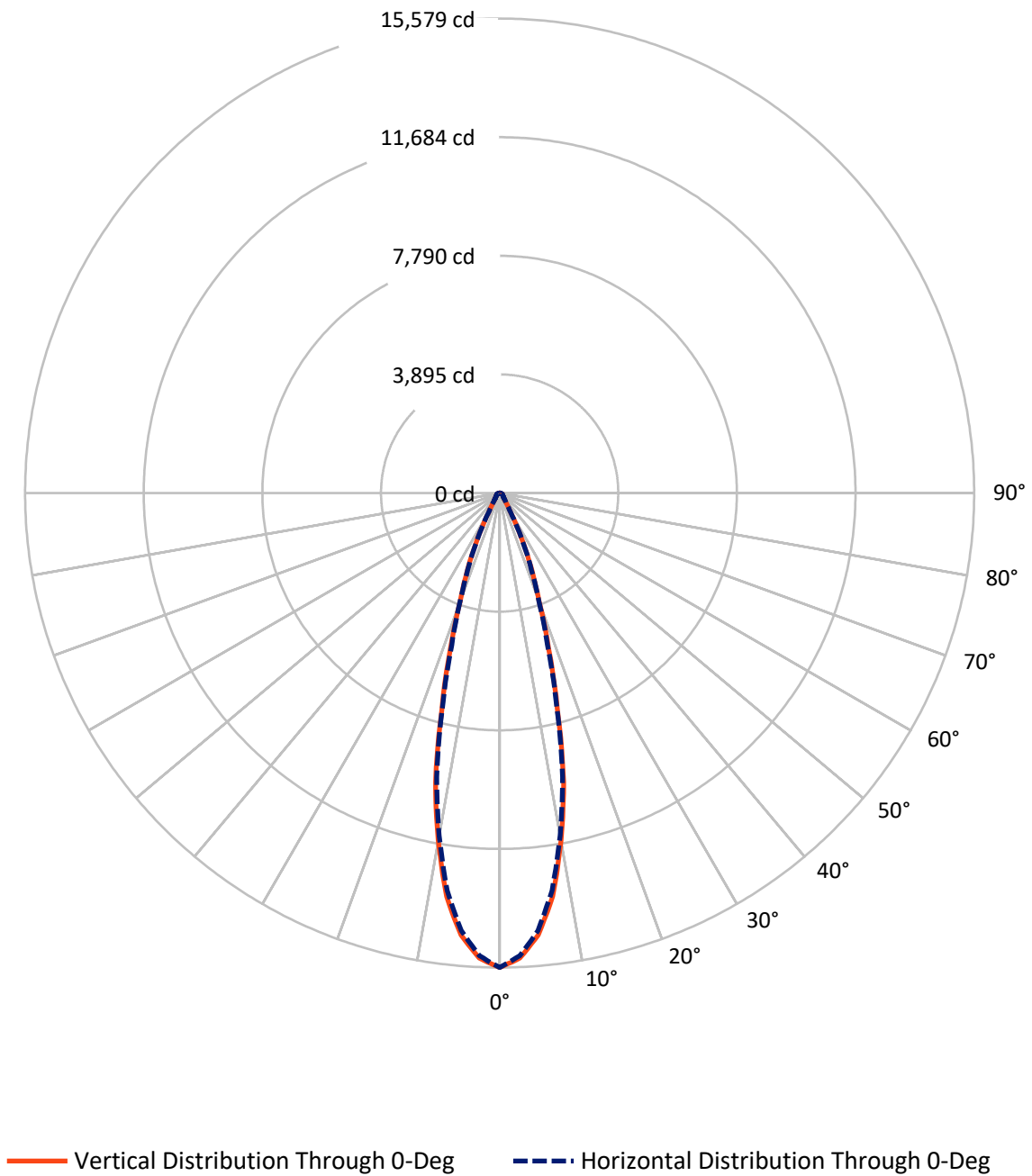
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Lumen Table

90	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
80	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
70	0.4	0.4	0.8	1.4	1.9	2.4	2.6	2.8	2.8	2.6	2.4	1.9	1.4	0.8	0.4
60		0.6	1.3	2.0	2.7	3.3	3.8	3.9	3.9	3.8	3.3	2.7	2.0	1.3	0.6
50	0.6	0.8	1.6	2.5	3.3	4.2	5.0	5.3	5.3	5.0	4.2	3.3	2.5	1.6	0.8
40		0.9	1.9	2.9	4.1	5.8	8.4	11.0	11.0	8.4	5.8	4.1	2.9	1.9	0.9
30	0.8	1.1	2.1	3.3	5.2	11.4	32.0	56.8	56.8	32.0	11.4	5.2	3.3	2.1	1.1
20		1.1	2.2	3.5	7.1	29.9	106.5	204.0	204.0	106.5	29.9	7.1	3.5	2.2	1.1
10	0.9	1.2	2.2	3.7	9.1	51.6	197.1	387.7	387.7	197.1	51.6	9.1	3.7	2.2	1.2
0		1.2	2.2	3.7	9.1	51.6	197.1	387.7	387.7	197.1	51.6	9.1	3.7	2.2	1.2
-10	0.8	1.1	2.2	3.5	7.1	29.9	106.5	204.0	204.0	106.5	29.9	7.1	3.5	2.2	1.1
-20		1.1	2.1	3.3	5.2	11.4	32.0	56.8	56.8	32.0	11.4	5.2	3.3	2.1	1.1
-30	0.6	0.9	1.9	2.9	4.1	5.8	8.4	11.0	11.0	8.4	5.8	4.1	2.9	1.9	0.9
-40		0.8	1.6	2.5	3.3	4.2	5.0	5.3	5.3	5.0	4.2	3.3	2.5	1.6	0.8
-50	0.4	0.6	1.3	2.0	2.7	3.3	3.8	3.9	3.9	3.8	3.3	2.7	2.0	1.3	0.6
-60		0.4	0.8	1.4	1.9	2.4	2.6	2.8	2.8	2.6	2.4	1.9	1.4	0.8	0.4
-70	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						
-80		0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1					
-90	0.1	0.8	2.1	3.3	3.7	3.3	2.1	0.8	0.1						

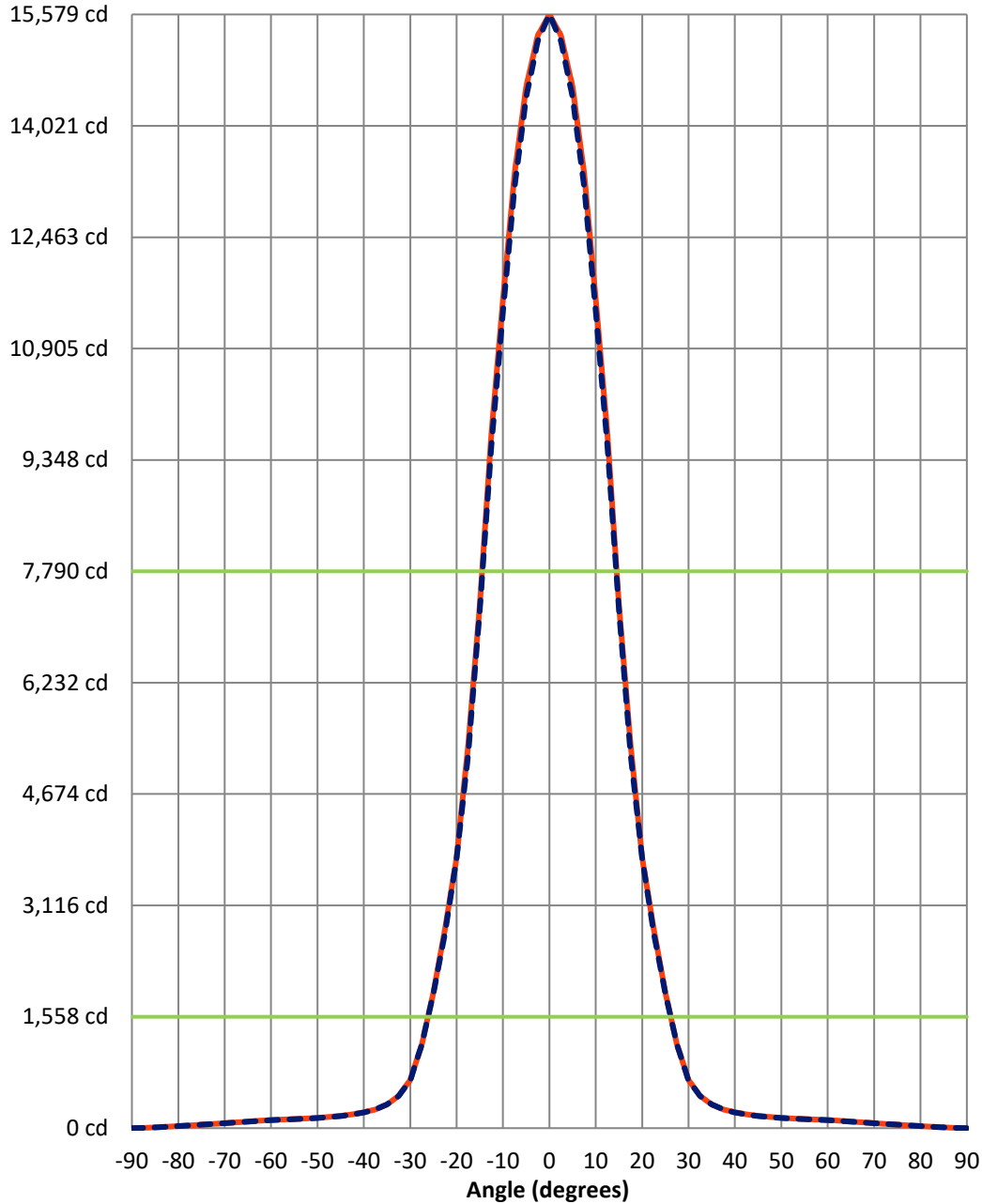
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2366.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 3993.7
 Efficiency: 82.0%

Spill:
 Lumens: 873.8
 Efficiency: 18.0%

- 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	0.9	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	5.1	6.1
80°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.4	6.7	8.0	9.4
77.5°	0.0	0.9	1.7	2.6	3.4	4.5	6.0	7.6	9.2	10.9	12.8
75°	0.0	1.0	2.1	3.1	4.2	6.0	7.8	9.7	11.7	14.1	16.5
72.5°	0.0	1.2	2.4	3.6	5.4	7.4	9.5	11.9	14.7	17.4	20.2
70°	0.0	1.4	2.7	4.2	6.5	8.9	11.3	14.4	17.6	20.7	24.1
67.5°	0.0	1.5	3.1	5.0	7.7	10.3	13.5	16.9	20.4	24.3	28.1
65°	0.0	1.7	3.4	5.9	8.8	11.9	15.6	19.4	23.6	27.8	32.0
62.5°	0.0	1.8	3.7	6.7	9.9	13.6	17.7	22.0	26.6	31.3	36.1
60°	0.0	2.0	4.0	7.5	10.9	15.4	19.8	24.6	29.6	34.8	40.1
57.5°	0.0	2.1	4.5	8.3	12.3	17.0	21.9	27.2	32.6	38.2	44.0
55°	0.0	2.3	5.0	9.0	13.6	18.7	24.0	29.7	35.5	41.5	47.9
52.5°	0.0	2.4	5.5	9.8	14.8	20.3	26.1	32.1	38.3	44.9	51.7
50°	0.0	2.6	6.0	10.5	16.1	21.9	28.0	34.4	41.0	48.2	55.1
47.5°	0.0	2.7	6.5	11.2	17.3	23.4	29.9	36.7	43.8	51.3	58.4
45°	0.0	2.8	6.9	12.1	18.4	24.9	31.8	38.9	46.5	54.1	61.5
42.5°	0.0	2.9	7.3	12.9	19.5	26.3	33.5	41.0	49.0	56.7	64.4
40°	0.0	3.1	7.7	13.6	20.5	27.6	35.2	43.1	51.4	59.2	67.1
37.5°	0.0	3.2	8.1	14.4	21.5	28.9	36.8	45.1	53.5	61.5	69.6
35°	0.0	3.3	8.5	15.0	22.5	30.1	38.3	46.9	55.4	63.7	72.0
32.5°	0.0	3.4	8.8	15.7	23.3	31.3	39.8	48.6	57.3	65.8	74.3
30°	0.0	3.5	9.1	16.2	24.1	32.3	41.1	50.2	59.0	67.8	76.5
27.5°	0.0	3.5	9.4	16.7	24.9	33.4	42.4	51.5	60.5	69.5	78.5
25°	0.0	3.6	9.7	17.2	25.5	34.3	43.5	52.8	62.0	71.2	80.3
22.5°	0.0	3.7	9.9	17.6	26.2	35.1	44.5	53.9	63.3	72.6	82.1
20°	0.0	3.8	10.2	18.0	26.7	35.8	45.3	54.9	64.4	73.9	83.8
17.5°	0.0	3.8	10.4	18.3	27.2	36.5	46.1	55.7	65.4	75.0	85.2
15°	0.0	3.9	10.5	18.5	27.7	37.0	46.9	56.5	66.2	76.0	86.4
12.5°	0.0	3.9	10.7	18.7	28.1	37.4	47.5	57.3	67.0	76.8	87.4
10°	0.0	3.9	10.8	18.9	28.4	37.7	48.0	57.9	67.7	77.7	88.3
7.5°	0.0	4.0	10.9	19.0	28.7	37.9	48.4	58.4	68.3	78.5	89.3
5°	0.0	4.0	10.9	19.0	28.8	38.0	48.7	58.7	68.7	79.2	90.1
2.5°	0.0	4.0	11.0	19.0	29.0	38.1	48.9	58.9	68.9	79.7	90.7
0°	0.0	4.0	11.0	19.0	29.0	38.0	49.0	59.0	69.0	80.0	91.0
-2.5°	0.0	4.0	11.0	19.0	29.0	38.1	48.9	58.9	68.9	79.7	90.7
-5°	0.0	4.0	10.9	19.0	28.8	38.0	48.7	58.7	68.7	79.2	90.1
-7.5°	0.0	4.0	10.9	19.0	28.7	37.9	48.4	58.4	68.3	78.5	89.3
-10°	0.0	3.9	10.8	18.9	28.4	37.7	48.0	57.9	67.7	77.7	88.3
-12.5°	0.0	3.9	10.7	18.7	28.1	37.4	47.5	57.3	67.0	76.8	87.4
-15°	0.0	3.9	10.5	18.5	27.7	37.0	46.9	56.5	66.2	76.0	86.4
-17.5°	0.0	3.8	10.4	18.3	27.2	36.5	46.1	55.7	65.4	75.0	85.2
-20°	0.0	3.8	10.2	18.0	26.7	35.8	45.3	54.9	64.4	73.9	83.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.7	9.9	17.6	26.2	35.1	44.5	53.9	63.3	72.6	82.1
-25°	0.0	3.6	9.7	17.2	25.5	34.3	43.5	52.8	62.0	71.2	80.3
-27.5°	0.0	3.5	9.4	16.7	24.9	33.4	42.4	51.5	60.5	69.5	78.5
-30°	0.0	3.5	9.1	16.2	24.1	32.3	41.1	50.2	59.0	67.8	76.5
-32.5°	0.0	3.4	8.8	15.7	23.3	31.3	39.8	48.6	57.3	65.8	74.3
-35°	0.0	3.3	8.5	15.0	22.5	30.1	38.3	46.9	55.4	63.7	72.0
-37.5°	0.0	3.2	8.1	14.4	21.5	28.9	36.8	45.1	53.5	61.5	69.6
-40°	0.0	3.1	7.7	13.6	20.5	27.6	35.2	43.1	51.4	59.2	67.1
-42.5°	0.0	2.9	7.3	12.9	19.5	26.3	33.5	41.0	49.0	56.7	64.4
-45°	0.0	2.8	6.9	12.1	18.4	24.9	31.8	38.9	46.5	54.1	61.5
-47.5°	0.0	2.7	6.5	11.2	17.3	23.4	29.9	36.7	43.8	51.3	58.4
-50°	0.0	2.6	6.0	10.5	16.1	21.9	28.0	34.4	41.0	48.2	55.1
-52.5°	0.0	2.4	5.5	9.8	14.8	20.3	26.1	32.1	38.3	44.9	51.7
-55°	0.0	2.3	5.0	9.0	13.6	18.7	24.0	29.7	35.5	41.5	47.9
-57.5°	0.0	2.1	4.5	8.3	12.3	17.0	21.9	27.2	32.6	38.2	44.0
-60°	0.0	2.0	4.0	7.5	10.9	15.4	19.8	24.6	29.6	34.8	40.1
-62.5°	0.0	1.8	3.7	6.7	9.9	13.6	17.7	22.0	26.6	31.3	36.1
-65°	0.0	1.7	3.4	5.9	8.8	11.9	15.6	19.4	23.6	27.8	32.0
-67.5°	0.0	1.5	3.1	5.0	7.7	10.3	13.5	16.9	20.4	24.3	28.1
-70°	0.0	1.4	2.7	4.2	6.5	8.9	11.3	14.4	17.6	20.7	24.1
-72.5°	0.0	1.2	2.4	3.6	5.4	7.4	9.5	11.9	14.7	17.4	20.2
-75°	0.0	1.0	2.1	3.1	4.2	6.0	7.8	9.7	11.7	14.1	16.5
-77.5°	0.0	0.9	1.7	2.6	3.4	4.5	6.0	7.6	9.2	10.9	12.8
-80°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.4	6.7	8.0	9.4
-82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	5.1	6.1
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-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	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
85°	3.7	4.0	4.6	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.7
82.5°	7.1	8.0	8.9	9.7	10.6	11.4	12.2	12.9	13.7	14.4	15.0
80°	10.7	11.9	13.2	14.3	15.4	16.5	17.6	18.6	19.5	20.6	21.7
77.5°	14.6	16.2	17.6	18.9	20.3	22.0	23.6	25.2	26.7	28.2	29.5
75°	18.6	20.4	22.3	24.2	26.3	28.3	30.3	32.2	34.1	36.0	37.9
72.5°	22.8	25.2	27.6	29.9	32.4	34.9	37.2	39.2	41.6	44.2	46.5
70°	27.2	30.0	33.0	35.9	38.8	41.6	44.4	47.2	50.1	52.9	55.6
67.5°	31.7	35.2	38.7	42.0	45.3	48.6	51.9	55.4	58.7	61.8	64.9
65°	36.5	40.4	44.2	48.0	51.6	55.7	59.6	63.5	67.7	71.5	74.9
62.5°	41.1	45.5	49.8	54.0	58.4	62.9	67.5	72.3	77.3	80.9	84.0
60°	45.6	50.5	55.3	60.1	65.0	70.1	75.4	80.5	85.1	89.0	92.3
57.5°	49.9	55.5	60.7	66.0	71.4	77.1	82.9	88.2	92.4	96.2	99.8
55°	54.2	60.3	65.9	71.5	77.6	84.3	90.3	95.0	99.4	102.5	105.9
52.5°	58.2	64.8	70.6	76.9	83.9	90.8	96.8	101.4	105.0	108.3	111.6
50°	62.0	68.6	75.1	82.3	89.6	96.6	102.6	106.9	110.5	113.9	117.1
47.5°	65.5	72.4	79.7	87.3	95.0	102.0	107.7	112.0	115.8	119.3	122.8
45°	68.8	76.2	84.0	92.3	100.2	107.1	112.3	116.9	120.6	124.5	128.9
42.5°	71.9	79.8	88.3	97.2	105.2	111.5	116.6	121.0	125.3	129.9	134.9
40°	75.0	83.2	92.4	101.7	109.9	115.4	120.5	125.2	130.0	135.4	140.7
37.5°	77.9	86.7	96.2	106.0	113.4	119.1	124.3	129.6	135.0	140.7	147.4
35°	80.5	89.9	99.9	109.3	116.5	122.6	128.3	133.9	140.0	147.0	154.4
32.5°	83.1	92.9	103.3	112.1	119.2	125.8	132.0	138.5	145.5	153.2	161.6
30°	85.6	95.7	106.3	115.0	121.7	128.5	135.7	142.9	150.7	159.2	169.1
27.5°	88.1	98.4	108.8	117.3	123.9	130.7	138.6	147.3	155.8	165.1	176.6
25°	90.3	101.1	111.2	119.1	125.8	132.9	141.1	150.4	160.4	171.5	185.6
22.5°	92.5	103.5	113.6	120.6	127.3	134.9	143.6	153.4	164.3	177.2	194.4
20°	94.5	105.5	115.1	122.0	128.6	136.4	145.8	156.2	168.6	184.2	204.7
17.5°	96.2	107.1	116.2	123.2	130.0	138.0	147.7	158.5	172.4	190.4	214.7
15°	97.7	108.4	117.1	124.0	131.1	139.6	149.6	161.3	176.6	196.4	223.3
12.5°	98.9	109.4	117.9	124.7	132.0	140.8	151.3	164.1	180.8	203.0	234.8
10°	99.9	110.2	118.5	125.1	132.6	141.6	152.5	166.3	184.2	208.5	244.7
7.5°	100.8	110.9	119.0	125.2	133.0	142.0	153.4	167.8	186.7	212.6	252.6
5°	101.5	111.5	119.2	125.6	133.2	142.2	154.0	168.7	188.2	215.4	258.2
2.5°	101.9	111.9	119.2	125.9	133.3	142.3	154.7	169.2	190.0	217.7	261.4
0°	102.0	112.0	119.0	126.0	133.0	142.0	155.0	169.0	191.0	219.0	262.0
-2.5°	101.9	111.9	119.2	125.9	133.3	142.3	154.7	169.2	190.0	217.7	261.4
-5°	101.5	111.5	119.2	125.6	133.2	142.2	154.0	168.7	188.2	215.4	258.2
-7.5°	100.8	110.9	119.0	125.2	133.0	142.0	153.4	167.8	186.7	212.6	252.6
-10°	99.9	110.2	118.5	125.1	132.6	141.6	152.5	166.3	184.2	208.5	244.7
-12.5°	98.9	109.4	117.9	124.7	132.0	140.8	151.3	164.1	180.8	203.0	234.8
-15°	97.7	108.4	117.1	124.0	131.1	139.6	149.6	161.3	176.6	196.4	223.3
-17.5°	96.2	107.1	116.2	123.2	130.0	138.0	147.7	158.5	172.4	190.4	214.7
-20°	94.5	105.5	115.1	122.0	128.6	136.4	145.8	156.2	168.6	184.2	204.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	92.5	103.5	113.6	120.6	127.3	134.9	143.6	153.4	164.3	177.2	194.4
-25°	90.3	101.1	111.2	119.1	125.8	132.9	141.1	150.4	160.4	171.5	185.6
-27.5°	88.1	98.4	108.8	117.3	123.9	130.7	138.6	147.3	155.8	165.1	176.6
-30°	85.6	95.7	106.3	115.0	121.7	128.5	135.7	142.9	150.7	159.2	169.1
-32.5°	83.1	92.9	103.3	112.1	119.2	125.8	132.0	138.5	145.5	153.2	161.6
-35°	80.5	89.9	99.9	109.3	116.5	122.6	128.3	133.9	140.0	147.0	154.4
-37.5°	77.9	86.7	96.2	106.0	113.4	119.1	124.3	129.6	135.0	140.7	147.4
-40°	75.0	83.2	92.4	101.7	109.9	115.4	120.5	125.2	130.0	135.4	140.7
-42.5°	71.9	79.8	88.3	97.2	105.2	111.5	116.6	121.0	125.3	129.9	134.9
-45°	68.8	76.2	84.0	92.3	100.2	107.1	112.3	116.9	120.6	124.5	128.9
-47.5°	65.5	72.4	79.7	87.3	95.0	102.0	107.7	112.0	115.8	119.3	122.8
-50°	62.0	68.6	75.1	82.3	89.6	96.6	102.6	106.9	110.5	113.9	117.1
-52.5°	58.2	64.8	70.6	76.9	83.9	90.8	96.8	101.4	105.0	108.3	111.6
-55°	54.2	60.3	65.9	71.5	77.6	84.3	90.3	95.0	99.4	102.5	105.9
-57.5°	49.9	55.5	60.7	66.0	71.4	77.1	82.9	88.2	92.4	96.2	99.8
-60°	45.6	50.5	55.3	60.1	65.0	70.1	75.4	80.5	85.1	89.0	92.3
-62.5°	41.1	45.5	49.8	54.0	58.4	62.9	67.5	72.3	77.3	80.9	84.0
-65°	36.5	40.4	44.2	48.0	51.6	55.7	59.6	63.5	67.7	71.5	74.9
-67.5°	31.7	35.2	38.7	42.0	45.3	48.6	51.9	55.4	58.7	61.8	64.9
-70°	27.2	30.0	33.0	35.9	38.8	41.6	44.4	47.2	50.1	52.9	55.6
-72.5°	22.8	25.2	27.6	29.9	32.4	34.9	37.2	39.2	41.6	44.2	46.5
-75°	18.6	20.4	22.3	24.2	26.3	28.3	30.3	32.2	34.1	36.0	37.9
-77.5°	14.6	16.2	17.6	18.9	20.3	22.0	23.6	25.2	26.7	28.2	29.5
-80°	10.7	11.9	13.2	14.3	15.4	16.5	17.6	18.6	19.5	20.6	21.7
-82.5°	7.1	8.0	8.9	9.7	10.6	11.4	12.2	12.9	13.7	14.4	15.0
-85°	3.7	4.0	4.6	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.7
-87.5°	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1	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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-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°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
85°	9.1	9.5	9.9	10.2	10.5	10.6	10.6	10.6	10.5	10.7	10.8
82.5°	15.6	16.3	17.1	17.8	18.4	18.7	18.9	19.0	19.1	19.4	19.6
80°	22.7	23.8	24.8	25.8	26.6	27.2	27.7	28.2	28.6	28.8	28.9
77.5°	30.9	32.3	33.5	34.7	35.8	36.6	37.3	37.9	38.3	38.6	38.8
75°	39.8	41.5	43.0	44.4	45.7	46.6	47.2	47.7	48.0	48.3	48.6
72.5°	48.7	50.6	52.4	54.1	55.6	56.7	57.4	58.0	58.4	58.8	58.9
70°	58.1	60.4	62.4	64.1	65.4	66.4	67.2	67.9	68.3	68.7	68.9
67.5°	67.8	70.3	72.2	73.6	74.8	75.9	76.9	77.6	78.1	78.6	79.1
65°	77.7	80.2	82.2	83.7	85.0	86.4	87.6	88.6	89.2	89.7	90.3
62.5°	87.0	89.9	92.1	94.2	96.2	98.2	99.4	100.2	100.9	101.4	102.1
60°	95.5	98.7	101.4	103.9	106.5	109.0	110.1	110.9	111.7	112.4	113.1
57.5°	103.0	106.5	109.7	112.2	114.6	117.0	118.7	119.6	120.2	120.5	120.8
55°	109.6	113.0	116.3	119.1	121.8	124.2	126.1	126.9	127.6	128.0	128.3
52.5°	115.4	119.1	122.6	125.8	128.6	131.3	133.6	134.8	135.8	136.5	136.7
50°	121.2	125.2	128.9	132.3	135.6	138.8	141.7	143.4	144.6	145.3	145.6
47.5°	127.2	131.5	135.6	139.5	143.3	147.1	150.5	152.8	154.5	155.8	156.7
45°	133.5	138.1	142.6	147.2	151.6	156.4	160.8	164.2	166.6	168.8	170.5
42.5°	139.7	145.0	150.2	156.1	162.0	167.5	172.8	177.2	181.3	185.3	188.4
40°	146.6	152.3	159.4	166.5	173.8	180.2	187.8	194.6	200.8	207.6	213.2
37.5°	154.1	161.4	169.8	178.3	187.8	197.0	207.6	218.1	227.2	239.0	248.5
35°	162.2	171.5	181.5	192.8	205.1	219.5	234.4	251.8	266.6	285.4	302.7
32.5°	171.3	182.2	195.2	210.7	227.3	250.5	272.3	301.8	327.1	359.7	395.3
30°	180.5	194.7	212.2	232.4	260.3	293.3	331.7	381.6	435.7	491.6	566.8
27.5°	191.5	209.8	231.8	262.8	304.7	350.3	428.5	513.0	630.7	723.9	889.8
25°	203.3	226.0	258.4	303.4	361.2	453.5	585.6	738.5	974.0	1183.5	1424.2
22.5°	217.3	248.1	291.0	350.0	450.7	609.5	815.6	1129.7	1478.8	1823.4	2138.3
20°	232.0	269.3	329.3	425.4	581.1	810.6	1178.4	1627.2	2090.7	2562.9	2960.8
17.5°	249.3	299.9	378.9	506.5	728.7	1121.7	1613.0	2183.6	2789.1	3391.7	3915.2
15°	264.2	326.6	433.0	624.2	955.5	1447.1	2050.9	2771.5	3533.0	4315.1	5162.6
12.5°	283.1	358.9	488.8	721.5	1156.7	1795.7	2534.5	3371.2	4301.1	5339.4	6660.7
10°	300.4	392.7	562.2	877.3	1398.6	2121.3	2952.2	3901.6	5107.6	6667.9	8261.7
7.5°	314.4	419.5	619.1	999.0	1601.5	2399.5	3328.4	4466.5	5971.2	7829.2	9650.2
5°	324.0	438.1	659.8	1090.9	1764.6	2612.1	3595.3	4883.0	6699.1	8779.7	10639.2
2.5°	330.1	448.2	679.7	1145.5	1871.1	2740.0	3761.8	5147.7	7145.2	9384.8	11267.5
0°	333.0	450.0	667.0	1172.0	1886.0	2731.0	3777.1	5236.1	7251.1	9549.1	11424.2
-2.5°	330.1	448.2	679.7	1145.5	1871.1	2740.0	3761.8	5147.7	7145.2	9384.8	11267.5
-5°	324.0	438.1	659.8	1090.9	1764.6	2612.1	3595.3	4883.0	6699.1	8779.7	10639.2
-7.5°	314.4	419.5	619.1	999.0	1601.5	2399.5	3328.4	4466.5	5971.2	7829.2	9650.2
-10°	300.4	392.7	562.2	877.3	1398.6	2121.3	2952.2	3901.6	5107.6	6667.9	8261.7
-12.5°	283.1	358.9	488.8	721.5	1156.7	1795.7	2534.5	3371.2	4301.1	5339.4	6660.7
-15°	264.2	326.6	433.0	624.2	955.5	1447.1	2050.9	2771.5	3533.0	4315.1	5162.6
-17.5°	249.3	299.9	378.9	506.5	728.7	1121.7	1613.0	2183.6	2789.1	3391.7	3915.2
-20°	232.0	269.3	329.3	425.4	581.1	810.6	1178.4	1627.2	2090.7	2562.9	2960.8

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	217.3	248.1	291.0	350.0	450.7	609.5	815.6	1129.7	1478.8	1823.4	2138.3
-25°	203.3	226.0	258.4	303.4	361.2	453.5	585.6	738.5	974.0	1183.5	1424.2
-27.5°	191.5	209.8	231.8	262.8	304.7	350.3	428.5	513.0	630.7	723.9	889.8
-30°	180.5	194.7	212.2	232.4	260.3	293.3	331.7	381.6	435.7	491.6	566.8
-32.5°	171.3	182.2	195.2	210.7	227.3	250.5	272.3	301.8	327.1	359.7	395.3
-35°	162.2	171.5	181.5	192.8	205.1	219.5	234.4	251.8	266.6	285.4	302.7
-37.5°	154.1	161.4	169.8	178.3	187.8	197.0	207.6	218.1	227.2	239.0	248.5
-40°	146.6	152.3	159.4	166.5	173.8	180.2	187.8	194.6	200.8	207.6	213.2
-42.5°	139.7	145.0	150.2	156.1	162.0	167.5	172.8	177.2	181.3	185.3	188.4
-45°	133.5	138.1	142.6	147.2	151.6	156.4	160.8	164.2	166.6	168.8	170.5
-47.5°	127.2	131.5	135.6	139.5	143.3	147.1	150.5	152.8	154.5	155.8	156.7
-50°	121.2	125.2	128.9	132.3	135.6	138.8	141.7	143.4	144.6	145.3	145.6
-52.5°	115.4	119.1	122.6	125.8	128.6	131.3	133.6	134.8	135.8	136.5	136.7
-55°	109.6	113.0	116.3	119.1	121.8	124.2	126.1	126.9	127.6	128.0	128.3
-57.5°	103.0	106.5	109.7	112.2	114.6	117.0	118.7	119.6	120.2	120.5	120.8
-60°	95.5	98.7	101.4	103.9	106.5	109.0	110.1	110.9	111.7	112.4	113.1
-62.5°	87.0	89.9	92.1	94.2	96.2	98.2	99.4	100.2	100.9	101.4	102.1
-65°	77.7	80.2	82.2	83.7	85.0	86.4	87.6	88.6	89.2	89.7	90.3
-67.5°	67.8	70.3	72.2	73.6	74.8	75.9	76.9	77.6	78.1	78.6	79.1
-70°	58.1	60.4	62.4	64.1	65.4	66.4	67.2	67.9	68.3	68.7	68.9
-72.5°	48.7	50.6	52.4	54.1	55.6	56.7	57.4	58.0	58.4	58.8	58.9
-75°	39.8	41.5	43.0	44.4	45.7	46.6	47.2	47.7	48.0	48.3	48.6
-77.5°	30.9	32.3	33.5	34.7	35.8	36.6	37.3	37.9	38.3	38.6	38.8
-80°	22.7	23.8	24.8	25.8	26.6	27.2	27.7	28.2	28.6	28.8	28.9
-82.5°	15.6	16.3	17.1	17.8	18.4	18.7	18.9	19.0	19.1	19.4	19.6
-85°	9.1	9.5	9.9	10.2	10.5	10.6	10.6	10.6	10.5	10.7	10.8
-87.5°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
-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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MR-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
85°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.5	10.6
82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.4	19.1	19.0
80°	28.9	28.9	29.0	29.0	29.0	28.9	28.9	28.9	28.8	28.6	28.2
77.5°	38.8	38.8	39.0	39.0	39.0	38.8	38.8	38.8	38.6	38.3	37.9
75°	48.8	48.8	48.9	49.0	48.9	48.8	48.8	48.6	48.3	48.0	47.7
72.5°	58.9	58.8	58.9	59.0	58.9	58.8	58.9	58.9	58.8	58.4	58.0
70°	68.9	68.7	69.4	70.0	69.4	68.7	68.9	68.9	68.7	68.3	67.9
67.5°	79.4	79.6	80.4	81.0	80.4	79.6	79.4	79.1	78.6	78.1	77.6
65°	90.6	90.7	91.3	92.0	91.3	90.7	90.6	90.3	89.7	89.2	88.6
62.5°	102.5	102.6	103.3	104.0	103.3	102.6	102.5	102.1	101.4	100.9	100.2
60°	113.5	113.6	113.9	114.0	113.9	113.6	113.5	113.1	112.4	111.7	110.9
57.5°	120.9	120.8	120.9	121.0	120.9	120.8	120.9	120.8	120.5	120.2	119.6
55°	128.2	127.9	127.5	127.0	127.5	127.9	128.2	128.3	128.0	127.6	126.9
52.5°	136.5	136.0	135.5	135.0	135.5	136.0	136.5	136.7	136.5	135.8	134.8
50°	145.4	144.9	144.5	144.0	144.5	144.9	145.4	145.6	145.3	144.6	143.4
47.5°	157.3	157.5	157.4	157.0	157.4	157.5	157.3	156.7	155.8	154.5	152.8
45°	171.7	172.3	172.4	172.0	172.4	172.3	171.7	170.5	168.8	166.6	164.2
42.5°	190.6	191.8	192.5	193.0	192.5	191.8	190.6	188.4	185.3	181.3	177.2
40°	217.2	219.8	221.5	223.0	221.5	219.8	217.2	213.2	207.6	200.8	194.6
37.5°	255.5	260.2	262.3	261.0	262.3	260.2	255.5	248.5	239.0	227.2	218.1
35°	316.1	325.0	329.6	330.0	329.6	325.0	316.1	302.7	285.4	266.6	251.8
32.5°	421.6	439.8	449.6	451.0	449.6	439.8	421.6	395.3	359.7	327.1	301.8
30°	624.4	661.7	679.1	675.0	679.1	661.7	624.4	566.8	491.6	435.7	381.6
27.5°	1018.8	1111.6	1166.6	1171.0	1166.6	1111.6	1018.8	889.8	723.9	630.7	513.0
25°	1637.4	1795.9	1897.4	1899.0	1897.4	1795.9	1637.4	1424.2	1183.5	974.0	738.5
22.5°	2429.5	2645.8	2764.3	2785.0	2764.3	2645.8	2429.5	2138.3	1823.4	1478.8	1129.7
20°	3347.2	3635.0	3788.9	3789.1	3788.9	3635.0	3347.2	2960.8	2562.9	2090.7	1627.2
17.5°	4477.4	4944.6	5237.9	5364.1	5237.9	4944.6	4477.4	3915.2	3391.7	2789.1	2183.6
15°	5978.7	6763.8	7234.3	7319.1	7234.3	6763.8	5978.7	5162.6	4315.1	3533.0	2771.5
12.5°	7806.8	8800.4	9468.3	9713.1	9468.3	8800.4	7806.8	6660.7	5339.4	4301.1	3371.2
10°	9715.5	10636.2	11351.7	11592.2	11351.7	10636.2	9715.5	8261.7	6667.9	5107.6	3901.6
7.5°	11094.5	12192.3	12998.3	13352.2	12998.3	12192.3	11094.5	9650.2	7829.2	5971.2	4466.5
5°	12183.0	13481.9	14232.2	14565.2	14232.2	13481.9	12183.0	10639.2	8779.7	6699.1	4883.0
2.5°	12897.1	14180.6	14975.2	15282.2	14975.2	14180.6	12897.1	11267.5	9384.8	7145.2	5147.7
0°	13164.2	14419.2	15204.2	15579.2	15204.2	14419.2	13164.2	11424.2	9549.1	7251.1	5236.1
-2.5°	12897.1	14180.6	14975.2	15282.2	14975.2	14180.6	12897.1	11267.5	9384.8	7145.2	5147.7
-5°	12183.0	13481.9	14232.2	14565.2	14232.2	13481.9	12183.0	10639.2	8779.7	6699.1	4883.0
-7.5°	11094.5	12192.3	12998.3	13352.2	12998.3	12192.3	11094.5	9650.2	7829.2	5971.2	4466.5
-10°	9715.5	10636.2	11351.7	11592.2	11351.7	10636.2	9715.5	8261.7	6667.9	5107.6	3901.6
-12.5°	7806.8	8800.4	9468.3	9713.1	9468.3	8800.4	7806.8	6660.7	5339.4	4301.1	3371.2
-15°	5978.7	6763.8	7234.3	7319.1	7234.3	6763.8	5978.7	5162.6	4315.1	3533.0	2771.5
-17.5°	4477.4	4944.6	5237.9	5364.1	5237.9	4944.6	4477.4	3915.2	3391.7	2789.1	2183.6
-20°	3347.2	3635.0	3788.9	3789.1	3788.9	3635.0	3347.2	2960.8	2562.9	2090.7	1627.2



REPORT NUMBER: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2429.5	2645.8	2764.3	2785.0	2764.3	2645.8	2429.5	2138.3	1823.4	1478.8	1129.7
-25°	1637.4	1795.9	1897.4	1899.0	1897.4	1795.9	1637.4	1424.2	1183.5	974.0	738.5
-27.5°	1018.8	1111.6	1166.6	1171.0	1166.6	1111.6	1018.8	889.8	723.9	630.7	513.0
-30°	624.4	661.7	679.1	675.0	679.1	661.7	624.4	566.8	491.6	435.7	381.6
-32.5°	421.6	439.8	449.6	451.0	449.6	439.8	421.6	395.3	359.7	327.1	301.8
-35°	316.1	325.0	329.6	330.0	329.6	325.0	316.1	302.7	285.4	266.6	251.8
-37.5°	255.5	260.2	262.3	261.0	262.3	260.2	255.5	248.5	239.0	227.2	218.1
-40°	217.2	219.8	221.5	223.0	221.5	219.8	217.2	213.2	207.6	200.8	194.6
-42.5°	190.6	191.8	192.5	193.0	192.5	191.8	190.6	188.4	185.3	181.3	177.2
-45°	171.7	172.3	172.4	172.0	172.4	172.3	171.7	170.5	168.8	166.6	164.2
-47.5°	157.3	157.5	157.4	157.0	157.4	157.5	157.3	156.7	155.8	154.5	152.8
-50°	145.4	144.9	144.5	144.0	144.5	144.9	145.4	145.6	145.3	144.6	143.4
-52.5°	136.5	136.0	135.5	135.0	135.5	136.0	136.5	136.7	136.5	135.8	134.8
-55°	128.2	127.9	127.5	127.0	127.5	127.9	128.2	128.3	128.0	127.6	126.9
-57.5°	120.9	120.8	120.9	121.0	120.9	120.8	120.9	120.8	120.5	120.2	119.6
-60°	113.5	113.6	113.9	114.0	113.9	113.6	113.5	113.1	112.4	111.7	110.9
-62.5°	102.5	102.6	103.3	104.0	103.3	102.6	102.5	102.1	101.4	100.9	100.2
-65°	90.6	90.7	91.3	92.0	91.3	90.7	90.6	90.3	89.7	89.2	88.6
-67.5°	79.4	79.6	80.4	81.0	80.4	79.6	79.4	79.1	78.6	78.1	77.6
-70°	68.9	68.7	69.4	70.0	69.4	68.7	68.9	68.9	68.7	68.3	67.9
-72.5°	58.9	58.8	58.9	59.0	58.9	58.8	58.9	58.9	58.8	58.4	58.0
-75°	48.8	48.8	48.9	49.0	48.9	48.8	48.8	48.6	48.3	48.0	47.7
-77.5°	38.8	38.8	39.0	39.0	39.0	38.8	38.8	38.8	38.6	38.3	37.9
-80°	28.9	28.9	29.0	29.0	29.0	28.9	28.9	28.9	28.8	28.6	28.2
-82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.4	19.1	19.0
-85°	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.8	10.7	10.5	10.6
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MR-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°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
85°	10.6	10.6	10.5	10.2	9.9	9.5	9.1	8.7	8.3	7.8	7.3
82.5°	18.9	18.7	18.4	17.8	17.1	16.3	15.6	15.0	14.4	13.7	12.9
80°	27.7	27.2	26.6	25.8	24.8	23.8	22.7	21.7	20.6	19.5	18.6
77.5°	37.3	36.6	35.8	34.7	33.5	32.3	30.9	29.5	28.2	26.7	25.2
75°	47.2	46.6	45.7	44.4	43.0	41.5	39.8	37.9	36.0	34.1	32.2
72.5°	57.4	56.7	55.6	54.1	52.4	50.6	48.7	46.5	44.2	41.6	39.2
70°	67.2	66.4	65.4	64.1	62.4	60.4	58.1	55.6	52.9	50.1	47.2
67.5°	76.9	75.9	74.8	73.6	72.2	70.3	67.8	64.9	61.8	58.7	55.4
65°	87.6	86.4	85.0	83.7	82.2	80.2	77.7	74.9	71.5	67.7	63.5
62.5°	99.4	98.2	96.2	94.2	92.1	89.9	87.0	84.0	80.9	77.3	72.3
60°	110.1	109.0	106.5	103.9	101.4	98.7	95.5	92.3	89.0	85.1	80.5
57.5°	118.7	117.0	114.6	112.2	109.7	106.5	103.0	99.8	96.2	92.4	88.2
55°	126.1	124.2	121.8	119.1	116.3	113.0	109.6	105.9	102.5	99.4	95.0
52.5°	133.6	131.3	128.6	125.8	122.6	119.1	115.4	111.6	108.3	105.0	101.4
50°	141.7	138.8	135.6	132.3	128.9	125.2	121.2	117.1	113.9	110.5	106.9
47.5°	150.5	147.1	143.3	139.5	135.6	131.5	127.2	122.8	119.3	115.8	112.0
45°	160.8	156.4	151.6	147.2	142.6	138.1	133.5	128.9	124.5	120.6	116.9
42.5°	172.8	167.5	162.0	156.1	150.2	145.0	139.7	134.9	129.9	125.3	121.0
40°	187.8	180.2	173.8	166.5	159.4	152.3	146.6	140.7	135.4	130.0	125.2
37.5°	207.6	197.0	187.8	178.3	169.8	161.4	154.1	147.4	140.7	135.0	129.6
35°	234.4	219.5	205.1	192.8	181.5	171.5	162.2	154.4	147.0	140.0	133.9
32.5°	272.3	250.5	227.3	210.7	195.2	182.2	171.3	161.6	153.2	145.5	138.5
30°	331.7	293.3	260.3	232.4	212.2	194.7	180.5	169.1	159.2	150.7	142.9
27.5°	428.5	350.3	304.7	262.8	231.8	209.8	191.5	176.6	165.1	155.8	147.3
25°	585.6	453.5	361.2	303.4	258.4	226.0	203.3	185.6	171.5	160.4	150.4
22.5°	815.6	609.5	450.7	350.0	291.0	248.1	217.3	194.4	177.2	164.3	153.4
20°	1178.4	810.6	581.1	425.4	329.3	269.3	232.0	204.7	184.2	168.6	156.2
17.5°	1613.0	1121.7	728.7	506.5	378.9	299.9	249.3	214.7	190.4	172.4	158.5
15°	2050.9	1447.1	955.5	624.2	433.0	326.6	264.2	223.3	196.4	176.6	161.3
12.5°	2534.5	1795.7	1156.7	721.5	488.8	358.9	283.1	234.8	203.0	180.8	164.1
10°	2952.2	2121.3	1398.6	877.3	562.2	392.7	300.4	244.7	208.5	184.2	166.3
7.5°	3328.4	2399.5	1601.5	999.0	619.1	419.5	314.4	252.6	212.6	186.7	167.8
5°	3595.3	2612.1	1764.6	1090.9	659.8	438.1	324.0	258.2	215.4	188.2	168.7
2.5°	3761.8	2740.0	1871.1	1145.5	679.7	448.2	330.1	261.4	217.7	190.0	169.2
0°	3777.1	2731.0	1886.0	1172.0	667.0	450.0	333.0	262.0	219.0	191.0	169.0
-2.5°	3761.8	2740.0	1871.1	1145.5	679.7	448.2	330.1	261.4	217.7	190.0	169.2
-5°	3595.3	2612.1	1764.6	1090.9	659.8	438.1	324.0	258.2	215.4	188.2	168.7
-7.5°	3328.4	2399.5	1601.5	999.0	619.1	419.5	314.4	252.6	212.6	186.7	167.8
-10°	2952.2	2121.3	1398.6	877.3	562.2	392.7	300.4	244.7	208.5	184.2	166.3
-12.5°	2534.5	1795.7	1156.7	721.5	488.8	358.9	283.1	234.8	203.0	180.8	164.1
-15°	2050.9	1447.1	955.5	624.2	433.0	326.6	264.2	223.3	196.4	176.6	161.3
-17.5°	1613.0	1121.7	728.7	506.5	378.9	299.9	249.3	214.7	190.4	172.4	158.5
-20°	1178.4	810.6	581.1	425.4	329.3	269.3	232.0	204.7	184.2	168.6	156.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	815.6	609.5	450.7	350.0	291.0	248.1	217.3	194.4	177.2	164.3	153.4
-25°	585.6	453.5	361.2	303.4	258.4	226.0	203.3	185.6	171.5	160.4	150.4
-27.5°	428.5	350.3	304.7	262.8	231.8	209.8	191.5	176.6	165.1	155.8	147.3
-30°	331.7	293.3	260.3	232.4	212.2	194.7	180.5	169.1	159.2	150.7	142.9
-32.5°	272.3	250.5	227.3	210.7	195.2	182.2	171.3	161.6	153.2	145.5	138.5
-35°	234.4	219.5	205.1	192.8	181.5	171.5	162.2	154.4	147.0	140.0	133.9
-37.5°	207.6	197.0	187.8	178.3	169.8	161.4	154.1	147.4	140.7	135.0	129.6
-40°	187.8	180.2	173.8	166.5	159.4	152.3	146.6	140.7	135.4	130.0	125.2
-42.5°	172.8	167.5	162.0	156.1	150.2	145.0	139.7	134.9	129.9	125.3	121.0
-45°	160.8	156.4	151.6	147.2	142.6	138.1	133.5	128.9	124.5	120.6	116.9
-47.5°	150.5	147.1	143.3	139.5	135.6	131.5	127.2	122.8	119.3	115.8	112.0
-50°	141.7	138.8	135.6	132.3	128.9	125.2	121.2	117.1	113.9	110.5	106.9
-52.5°	133.6	131.3	128.6	125.8	122.6	119.1	115.4	111.6	108.3	105.0	101.4
-55°	126.1	124.2	121.8	119.1	116.3	113.0	109.6	105.9	102.5	99.4	95.0
-57.5°	118.7	117.0	114.6	112.2	109.7	106.5	103.0	99.8	96.2	92.4	88.2
-60°	110.1	109.0	106.5	103.9	101.4	98.7	95.5	92.3	89.0	85.1	80.5
-62.5°	99.4	98.2	96.2	94.2	92.1	89.9	87.0	84.0	80.9	77.3	72.3
-65°	87.6	86.4	85.0	83.7	82.2	80.2	77.7	74.9	71.5	67.7	63.5
-67.5°	76.9	75.9	74.8	73.6	72.2	70.3	67.8	64.9	61.8	58.7	55.4
-70°	67.2	66.4	65.4	64.1	62.4	60.4	58.1	55.6	52.9	50.1	47.2
-72.5°	57.4	56.7	55.6	54.1	52.4	50.6	48.7	46.5	44.2	41.6	39.2
-75°	47.2	46.6	45.7	44.4	43.0	41.5	39.8	37.9	36.0	34.1	32.2
-77.5°	37.3	36.6	35.8	34.7	33.5	32.3	30.9	29.5	28.2	26.7	25.2
-80°	27.7	27.2	26.6	25.8	24.8	23.8	22.7	21.7	20.6	19.5	18.6
-82.5°	18.9	18.7	18.4	17.8	17.1	16.3	15.6	15.0	14.4	13.7	12.9
-85°	10.6	10.6	10.5	10.2	9.9	9.5	9.1	8.7	8.3	7.8	7.3
-87.5°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-MR-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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
85°	6.8	6.3	5.7	5.2	4.6	4.0	3.7	3.4	3.1	2.7	2.4
82.5°	12.2	11.4	10.6	9.7	8.9	8.0	7.1	6.1	5.1	4.2	3.6
80°	17.6	16.5	15.4	14.3	13.2	11.9	10.7	9.4	8.0	6.7	5.4
77.5°	23.6	22.0	20.3	18.9	17.6	16.2	14.6	12.8	10.9	9.2	7.6
75°	30.3	28.3	26.3	24.2	22.3	20.4	18.6	16.5	14.1	11.7	9.7
72.5°	37.2	34.9	32.4	29.9	27.6	25.2	22.8	20.2	17.4	14.7	11.9
70°	44.4	41.6	38.8	35.9	33.0	30.0	27.2	24.1	20.7	17.6	14.4
67.5°	51.9	48.6	45.3	42.0	38.7	35.2	31.7	28.1	24.3	20.4	16.9
65°	59.6	55.7	51.6	48.0	44.2	40.4	36.5	32.0	27.8	23.6	19.4
62.5°	67.5	62.9	58.4	54.0	49.8	45.5	41.1	36.1	31.3	26.6	22.0
60°	75.4	70.1	65.0	60.1	55.3	50.5	45.6	40.1	34.8	29.6	24.6
57.5°	82.9	77.1	71.4	66.0	60.7	55.5	49.9	44.0	38.2	32.6	27.2
55°	90.3	84.3	77.6	71.5	65.9	60.3	54.2	47.9	41.5	35.5	29.7
52.5°	96.8	90.8	83.9	76.9	70.6	64.8	58.2	51.7	44.9	38.3	32.1
50°	102.6	96.6	89.6	82.3	75.1	68.6	62.0	55.1	48.2	41.0	34.4
47.5°	107.7	102.0	95.0	87.3	79.7	72.4	65.5	58.4	51.3	43.8	36.7
45°	112.3	107.1	100.2	92.3	84.0	76.2	68.8	61.5	54.1	46.5	38.9
42.5°	116.6	111.5	105.2	97.2	88.3	79.8	71.9	64.4	56.7	49.0	41.0
40°	120.5	115.4	109.9	101.7	92.4	83.2	75.0	67.1	59.2	51.4	43.1
37.5°	124.3	119.1	113.4	106.0	96.2	86.7	77.9	69.6	61.5	53.5	45.1
35°	128.3	122.6	116.5	109.3	99.9	89.9	80.5	72.0	63.7	55.4	46.9
32.5°	132.0	125.8	119.2	112.1	103.3	92.9	83.1	74.3	65.8	57.3	48.6
30°	135.7	128.5	121.7	115.0	106.3	95.7	85.6	76.5	67.8	59.0	50.2
27.5°	138.6	130.7	123.9	117.3	108.8	98.4	88.1	78.5	69.5	60.5	51.5
25°	141.1	132.9	125.8	119.1	111.2	101.1	90.3	80.3	71.2	62.0	52.8
22.5°	143.6	134.9	127.3	120.6	113.6	103.5	92.5	82.1	72.6	63.3	53.9
20°	145.8	136.4	128.6	122.0	115.1	105.5	94.5	83.8	73.9	64.4	54.9
17.5°	147.7	138.0	130.0	123.2	116.2	107.1	96.2	85.2	75.0	65.4	55.7
15°	149.6	139.6	131.1	124.0	117.1	108.4	97.7	86.4	76.0	66.2	56.5
12.5°	151.3	140.8	132.0	124.7	117.9	109.4	98.9	87.4	76.8	67.0	57.3
10°	152.5	141.6	132.6	125.1	118.5	110.2	99.9	88.3	77.7	67.7	57.9
7.5°	153.4	142.0	133.0	125.2	119.0	110.9	100.8	89.3	78.5	68.3	58.4
5°	154.0	142.2	133.2	125.6	119.2	111.5	101.5	90.1	79.2	68.7	58.7
2.5°	154.7	142.3	133.3	125.9	119.2	111.9	101.9	90.7	79.7	68.9	58.9
0°	155.0	142.0	133.0	126.0	119.0	112.0	102.0	91.0	80.0	69.0	59.0
-2.5°	154.7	142.3	133.3	125.9	119.2	111.9	101.9	90.7	79.7	68.9	58.9
-5°	154.0	142.2	133.2	125.6	119.2	111.5	101.5	90.1	79.2	68.7	58.7
-7.5°	153.4	142.0	133.0	125.2	119.0	110.9	100.8	89.3	78.5	68.3	58.4
-10°	152.5	141.6	132.6	125.1	118.5	110.2	99.9	88.3	77.7	67.7	57.9
-12.5°	151.3	140.8	132.0	124.7	117.9	109.4	98.9	87.4	76.8	67.0	57.3
-15°	149.6	139.6	131.1	124.0	117.1	108.4	97.7	86.4	76.0	66.2	56.5
-17.5°	147.7	138.0	130.0	123.2	116.2	107.1	96.2	85.2	75.0	65.4	55.7
-20°	145.8	136.4	128.6	122.0	115.1	105.5	94.5	83.8	73.9	64.4	54.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	143.6	134.9	127.3	120.6	113.6	103.5	92.5	82.1	72.6	63.3	53.9
-25°	141.1	132.9	125.8	119.1	111.2	101.1	90.3	80.3	71.2	62.0	52.8
-27.5°	138.6	130.7	123.9	117.3	108.8	98.4	88.1	78.5	69.5	60.5	51.5
-30°	135.7	128.5	121.7	115.0	106.3	95.7	85.6	76.5	67.8	59.0	50.2
-32.5°	132.0	125.8	119.2	112.1	103.3	92.9	83.1	74.3	65.8	57.3	48.6
-35°	128.3	122.6	116.5	109.3	99.9	89.9	80.5	72.0	63.7	55.4	46.9
-37.5°	124.3	119.1	113.4	106.0	96.2	86.7	77.9	69.6	61.5	53.5	45.1
-40°	120.5	115.4	109.9	101.7	92.4	83.2	75.0	67.1	59.2	51.4	43.1
-42.5°	116.6	111.5	105.2	97.2	88.3	79.8	71.9	64.4	56.7	49.0	41.0
-45°	112.3	107.1	100.2	92.3	84.0	76.2	68.8	61.5	54.1	46.5	38.9
-47.5°	107.7	102.0	95.0	87.3	79.7	72.4	65.5	58.4	51.3	43.8	36.7
-50°	102.6	96.6	89.6	82.3	75.1	68.6	62.0	55.1	48.2	41.0	34.4
-52.5°	96.8	90.8	83.9	76.9	70.6	64.8	58.2	51.7	44.9	38.3	32.1
-55°	90.3	84.3	77.6	71.5	65.9	60.3	54.2	47.9	41.5	35.5	29.7
-57.5°	82.9	77.1	71.4	66.0	60.7	55.5	49.9	44.0	38.2	32.6	27.2
-60°	75.4	70.1	65.0	60.1	55.3	50.5	45.6	40.1	34.8	29.6	24.6
-62.5°	67.5	62.9	58.4	54.0	49.8	45.5	41.1	36.1	31.3	26.6	22.0
-65°	59.6	55.7	51.6	48.0	44.2	40.4	36.5	32.0	27.8	23.6	19.4
-67.5°	51.9	48.6	45.3	42.0	38.7	35.2	31.7	28.1	24.3	20.4	16.9
-70°	44.4	41.6	38.8	35.9	33.0	30.0	27.2	24.1	20.7	17.6	14.4
-72.5°	37.2	34.9	32.4	29.9	27.6	25.2	22.8	20.2	17.4	14.7	11.9
-75°	30.3	28.3	26.3	24.2	22.3	20.4	18.6	16.5	14.1	11.7	9.7
-77.5°	23.6	22.0	20.3	18.9	17.6	16.2	14.6	12.8	10.9	9.2	7.6
-80°	17.6	16.5	15.4	14.3	13.2	11.9	10.7	9.4	8.0	6.7	5.4
-82.5°	12.2	11.4	10.6	9.7	8.9	8.0	7.1	6.1	5.1	4.2	3.6
-85°	6.8	6.3	5.7	5.2	4.6	4.0	3.7	3.4	3.1	2.7	2.4
-87.5°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	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: P626625 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-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	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
80°	4.2	3.4	2.8	2.1	1.4	0.7	0.0
77.5°	6.0	4.5	3.4	2.6	1.7	0.9	0.0
75°	7.8	6.0	4.2	3.1	2.1	1.0	0.0
72.5°	9.5	7.4	5.4	3.6	2.4	1.2	0.0
70°	11.3	8.9	6.5	4.2	2.7	1.4	0.0
67.5°	13.5	10.3	7.7	5.0	3.1	1.5	0.0
65°	15.6	11.9	8.8	5.9	3.4	1.7	0.0
62.5°	17.7	13.6	9.9	6.7	3.7	1.8	0.0
60°	19.8	15.4	10.9	7.5	4.0	2.0	0.0
57.5°	21.9	17.0	12.3	8.3	4.5	2.1	0.0
55°	24.0	18.7	13.6	9.0	5.0	2.3	0.0
52.5°	26.1	20.3	14.8	9.8	5.5	2.4	0.0
50°	28.0	21.9	16.1	10.5	6.0	2.6	0.0
47.5°	29.9	23.4	17.3	11.2	6.5	2.7	0.0
45°	31.8	24.9	18.4	12.1	6.9	2.8	0.0
42.5°	33.5	26.3	19.5	12.9	7.3	2.9	0.0
40°	35.2	27.6	20.5	13.6	7.7	3.1	0.0
37.5°	36.8	28.9	21.5	14.4	8.1	3.2	0.0
35°	38.3	30.1	22.5	15.0	8.5	3.3	0.0
32.5°	39.8	31.3	23.3	15.7	8.8	3.4	0.0
30°	41.1	32.3	24.1	16.2	9.1	3.5	0.0
27.5°	42.4	33.4	24.9	16.7	9.4	3.5	0.0
25°	43.5	34.3	25.5	17.2	9.7	3.6	0.0
22.5°	44.5	35.1	26.2	17.6	9.9	3.7	0.0
20°	45.3	35.8	26.7	18.0	10.2	3.8	0.0
17.5°	46.1	36.5	27.2	18.3	10.4	3.8	0.0
15°	46.9	37.0	27.7	18.5	10.5	3.9	0.0
12.5°	47.5	37.4	28.1	18.7	10.7	3.9	0.0
10°	48.0	37.7	28.4	18.9	10.8	3.9	0.0
7.5°	48.4	37.9	28.7	19.0	10.9	4.0	0.0
5°	48.7	38.0	28.8	19.0	10.9	4.0	0.0
2.5°	48.9	38.1	29.0	19.0	11.0	4.0	0.0
0°	49.0	38.0	29.0	19.0	11.0	4.0	0.0
-2.5°	48.9	38.1	29.0	19.0	11.0	4.0	0.0
-5°	48.7	38.0	28.8	19.0	10.9	4.0	0.0
-7.5°	48.4	37.9	28.7	19.0	10.9	4.0	0.0
-10°	48.0	37.7	28.4	18.9	10.8	3.9	0.0
-12.5°	47.5	37.4	28.1	18.7	10.7	3.9	0.0
-15°	46.9	37.0	27.7	18.5	10.5	3.9	0.0
-17.5°	46.1	36.5	27.2	18.3	10.4	3.8	0.0
-20°	45.3	35.8	26.7	18.0	10.2	3.8	0.0

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CATALOG NUMBER: GFLD-SA1B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44.5	35.1	26.2	17.6	9.9	3.7	0.0
-25°	43.5	34.3	25.5	17.2	9.7	3.6	0.0
-27.5°	42.4	33.4	24.9	16.7	9.4	3.5	0.0
-30°	41.1	32.3	24.1	16.2	9.1	3.5	0.0
-32.5°	39.8	31.3	23.3	15.7	8.8	3.4	0.0
-35°	38.3	30.1	22.5	15.0	8.5	3.3	0.0
-37.5°	36.8	28.9	21.5	14.4	8.1	3.2	0.0
-40°	35.2	27.6	20.5	13.6	7.7	3.1	0.0
-42.5°	33.5	26.3	19.5	12.9	7.3	2.9	0.0
-45°	31.8	24.9	18.4	12.1	6.9	2.8	0.0
-47.5°	29.9	23.4	17.3	11.2	6.5	2.7	0.0
-50°	28.0	21.9	16.1	10.5	6.0	2.6	0.0
-52.5°	26.1	20.3	14.8	9.8	5.5	2.4	0.0
-55°	24.0	18.7	13.6	9.0	5.0	2.3	0.0
-57.5°	21.9	17.0	12.3	8.3	4.5	2.1	0.0
-60°	19.8	15.4	10.9	7.5	4.0	2.0	0.0
-62.5°	17.7	13.6	9.9	6.7	3.7	1.8	0.0
-65°	15.6	11.9	8.8	5.9	3.4	1.7	0.0
-67.5°	13.5	10.3	7.7	5.0	3.1	1.5	0.0
-70°	11.3	8.9	6.5	4.2	2.7	1.4	0.0
-72.5°	9.5	7.4	5.4	3.6	2.4	1.2	0.0
-75°	7.8	6.0	4.2	3.1	2.1	1.0	0.0
-77.5°	6.0	4.5	3.4	2.6	1.7	0.9	0.0
-80°	4.2	3.4	2.8	2.1	1.4	0.7	0.0
-82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.9	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)