

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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626595 (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-727-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N10
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

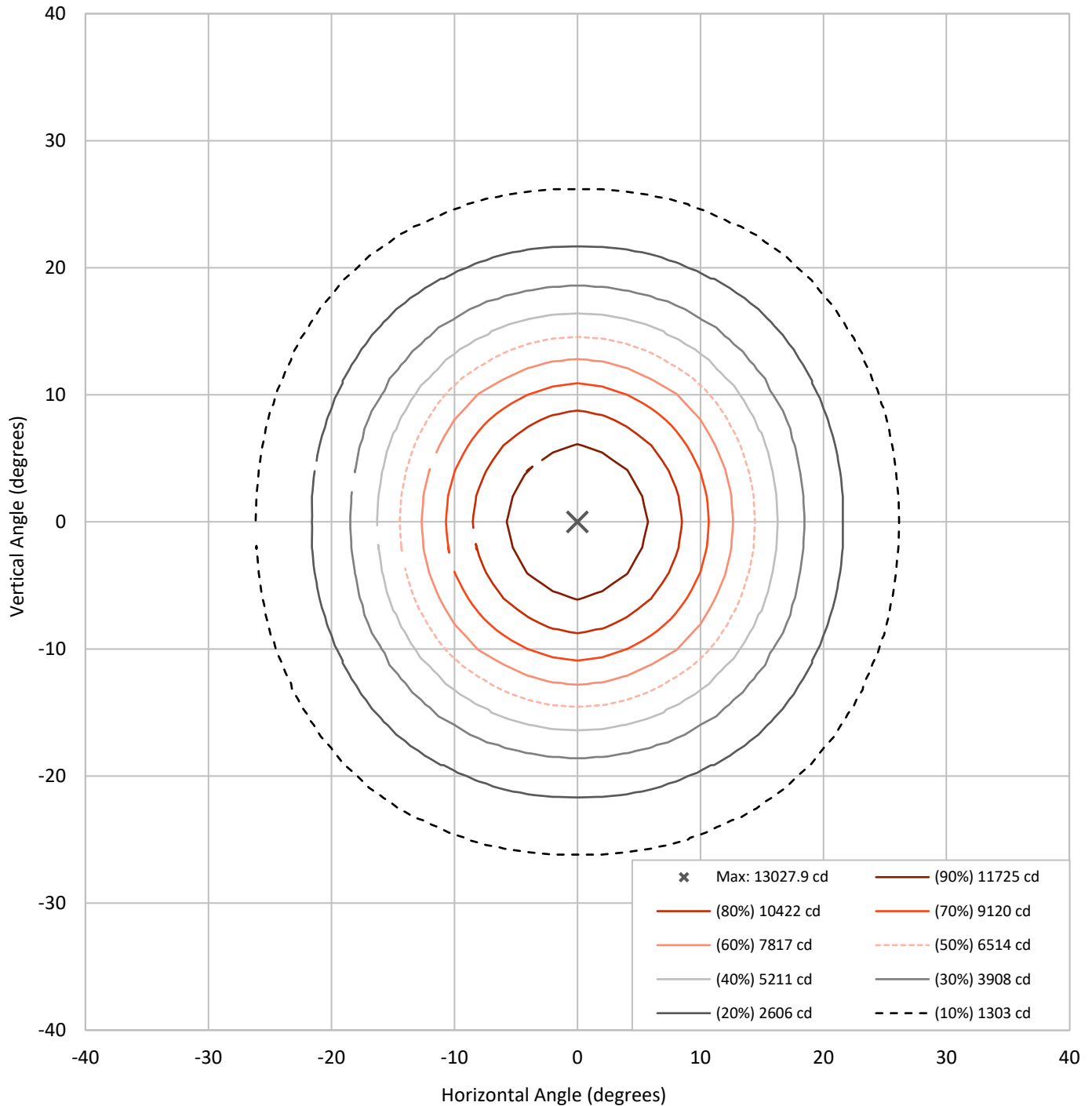
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4070.3 lumens	Max Intensity:	13027.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.5 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:	1978.9 lumens	Field Lumens:	3339.7 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





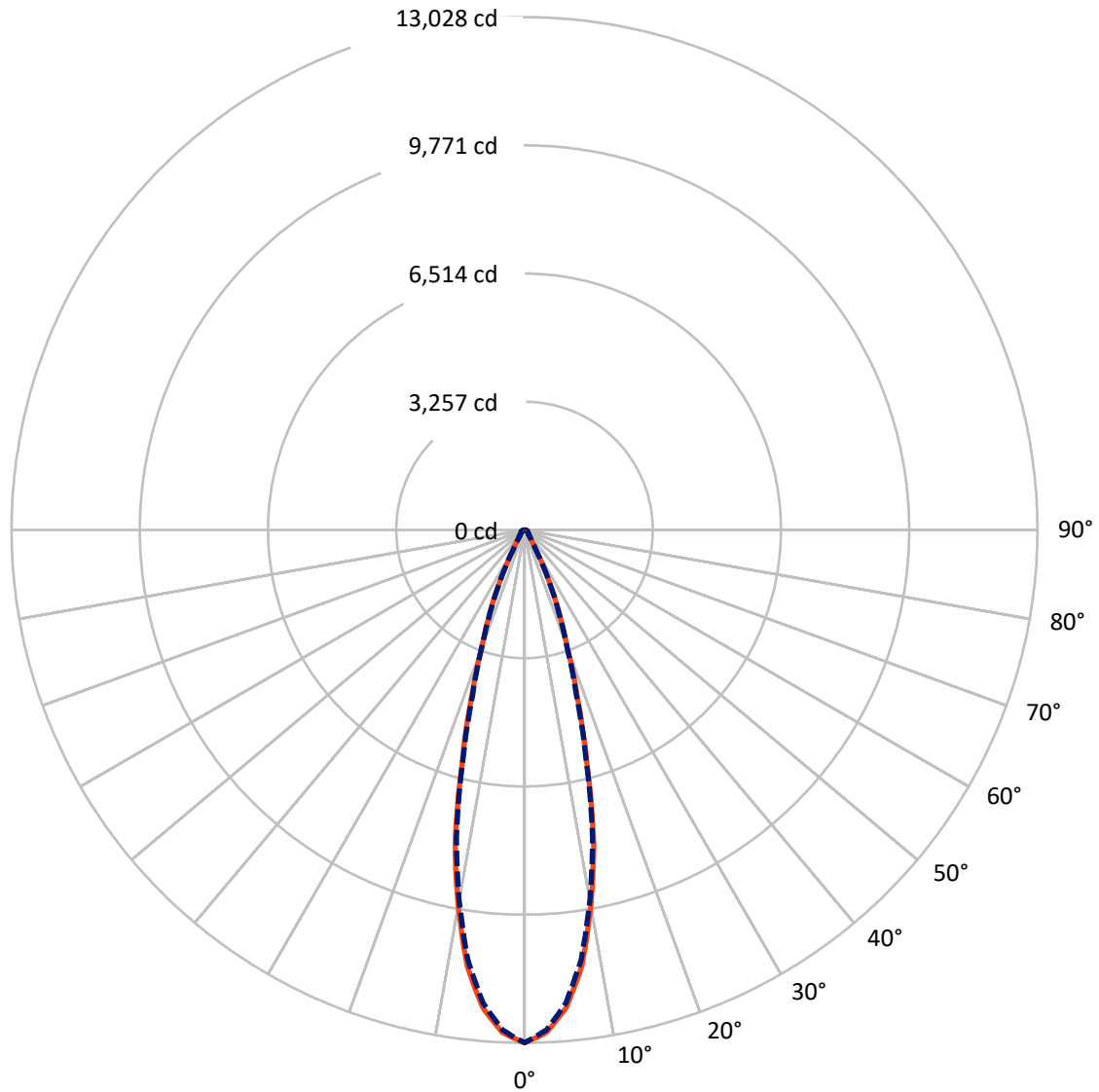
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Lumen Table

90																
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	1.1	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.1	0.7	0.3	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	0.5	0.7	1.3	2.1	2.8	3.5	4.1	4.5	4.5	4.1	3.5	2.8	2.1	1.3	0.7	0.5
30		0.8	1.6	2.4	3.4	4.9	7.1	9.2	9.2	7.1	4.9	3.4	2.4	1.6	0.8	
20	0.7	0.9	1.7	2.7	4.4	9.5	26.8	47.5	47.5	26.8	9.5	4.4	2.7	1.7	0.9	0.7
10		0.9	1.8	3.0	6.0	25.0	89.0	170.6	170.6	89.0	25.0	6.0	3.0	1.8	0.9	
0	0.7	1.0	1.8	3.1	7.6	43.1	164.8	324.2	324.2	164.8	43.1	7.6	3.1	1.8	1.0	0.7
-10		1.0	1.8	3.1	7.6	43.1	164.8	324.2	324.2	164.8	43.1	7.6	3.1	1.8	1.0	
-20	0.7	0.9	1.8	3.0	6.0	25.0	89.0	170.6	170.6	89.0	25.0	6.0	3.0	1.8	0.9	0.7
-30		0.9	1.7	2.7	4.4	9.5	26.8	47.5	47.5	26.8	9.5	4.4	2.7	1.7	0.9	
-40	0.5	0.8	1.6	2.4	3.4	4.9	7.1	9.2	9.2	7.1	4.9	3.4	2.4	1.6	0.8	0.5
-50		0.7	1.3	2.1	2.8	3.5	4.1	4.5	4.5	4.1	3.5	2.8	2.1	1.3	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		0.3	0.7	1.1	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.1	0.7	0.3	
-80																
-90	0.1	0.7		1.8		2.8		3.1		2.8		1.8		0.7		0.1

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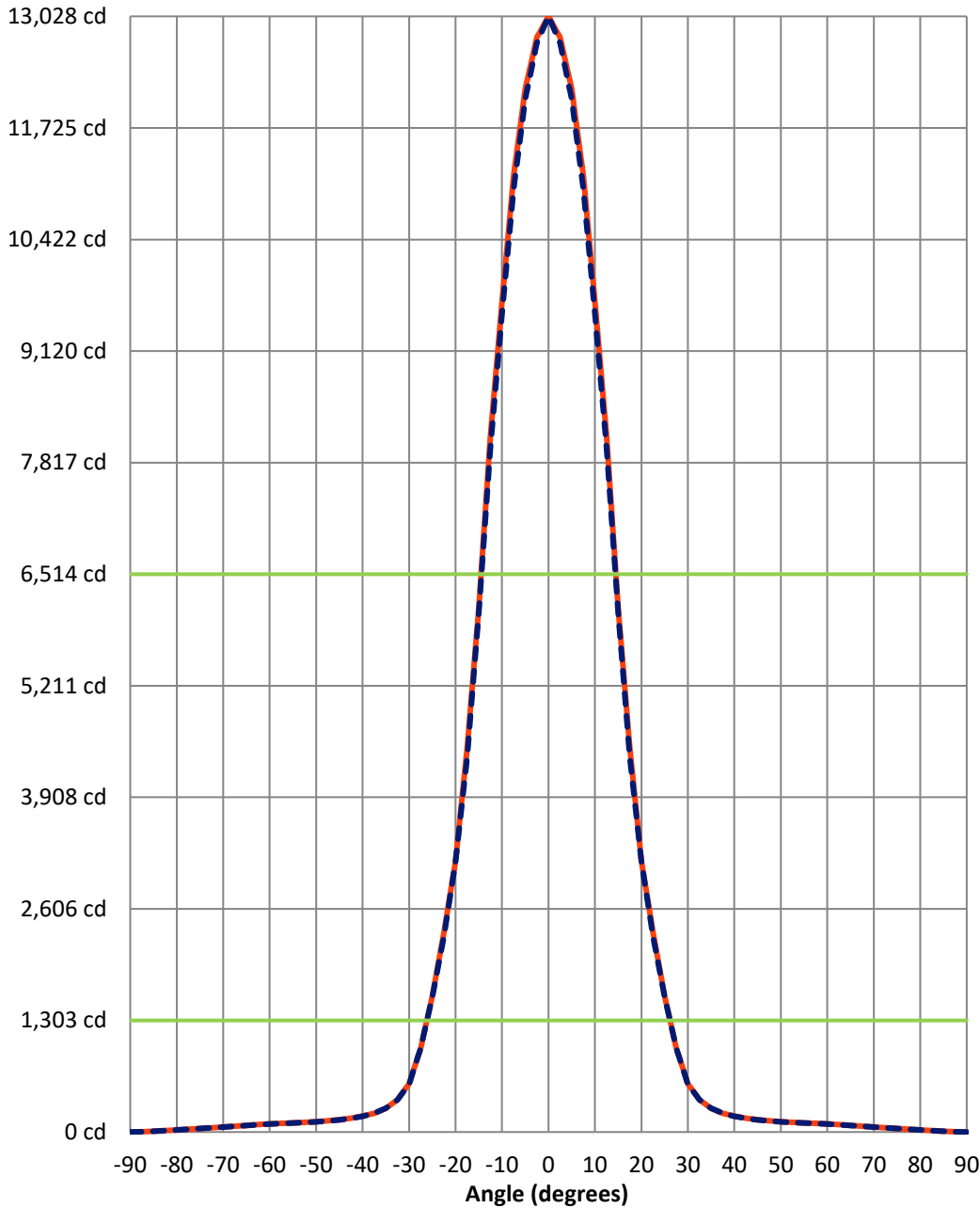
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 1978.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 3339.7
 Efficiency: 82.0%

Spill:
 Lumens: 730.7
 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.2	5.1
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.5	5.6	6.7	7.9
77.5°	0.0	0.7	1.4	2.1	2.8	3.7	5.0	6.3	7.7	9.1	10.7
75°	0.0	0.9	1.7	2.6	3.5	5.0	6.5	8.1	9.8	11.8	13.8
72.5°	0.0	1.0	2.0	3.0	4.5	6.2	7.9	9.9	12.3	14.6	16.9
70°	0.0	1.1	2.3	3.4	5.4	7.4	9.4	12.0	14.7	17.3	20.2
67.5°	0.0	1.3	2.5	4.2	6.4	8.6	11.3	14.1	17.1	20.3	23.5
65°	0.0	1.4	2.8	4.9	7.3	9.9	13.0	16.2	19.7	23.2	26.8
62.5°	0.0	1.5	3.0	5.6	8.3	11.4	14.8	18.4	22.3	26.1	30.2
60°	0.0	1.6	3.3	6.2	9.2	12.8	16.5	20.6	24.8	29.1	33.5
57.5°	0.0	1.8	3.7	6.9	10.3	14.2	18.3	22.7	27.3	31.9	36.8
55°	0.0	1.9	4.2	7.5	11.3	15.6	20.1	24.8	29.7	34.7	40.0
52.5°	0.0	2.0	4.6	8.2	12.4	16.9	21.8	26.8	32.0	37.5	43.2
50°	0.0	2.1	5.0	8.8	13.4	18.3	23.5	28.8	34.2	40.2	46.1
47.5°	0.0	2.2	5.4	9.4	14.4	19.6	25.0	30.7	36.6	42.9	48.8
45°	0.0	2.3	5.7	10.1	15.4	20.8	26.6	32.5	38.8	45.2	51.4
42.5°	0.0	2.4	6.1	10.8	16.3	22.0	28.0	34.3	41.0	47.4	53.8
40°	0.0	2.5	6.4	11.4	17.1	23.1	29.4	36.0	42.9	49.5	56.1
37.5°	0.0	2.6	6.8	12.0	18.0	24.2	30.8	37.7	44.7	51.4	58.2
35°	0.0	2.7	7.1	12.6	18.8	25.2	32.0	39.2	46.3	53.3	60.2
32.5°	0.0	2.8	7.3	13.1	19.5	26.2	33.2	40.7	47.9	55.0	62.2
30°	0.0	2.9	7.6	13.6	20.2	27.1	34.4	42.0	49.3	56.7	64.0
27.5°	0.0	2.9	7.9	14.0	20.8	27.9	35.4	43.1	50.6	58.2	65.6
25°	0.0	3.0	8.1	14.4	21.4	28.7	36.3	44.1	51.8	59.5	67.2
22.5°	0.0	3.0	8.3	14.7	21.9	29.4	37.2	45.1	52.9	60.7	68.7
20°	0.0	3.1	8.5	15.0	22.4	30.0	37.9	45.9	53.8	61.8	70.1
17.5°	0.0	3.1	8.7	15.3	22.8	30.5	38.6	46.6	54.7	62.8	71.2
15°	0.0	3.2	8.8	15.5	23.2	30.9	39.2	47.3	55.4	63.6	72.3
12.5°	0.0	3.2	8.9	15.7	23.5	31.3	39.7	47.9	56.0	64.2	73.1
10°	0.0	3.2	9.0	15.8	23.8	31.5	40.2	48.4	56.6	65.0	73.9
7.5°	0.0	3.3	9.1	15.9	24.0	31.7	40.5	48.8	57.1	65.7	74.7
5°	0.0	3.3	9.2	15.9	24.2	31.8	40.8	49.1	57.4	66.2	75.4
2.5°	0.0	3.3	9.2	15.9	24.3	31.9	40.9	49.2	57.6	66.7	75.8
0°	0.0	3.3	9.2	15.9	24.3	31.8	41.0	49.3	57.7	66.9	76.1
-2.5°	0.0	3.3	9.2	15.9	24.3	31.9	40.9	49.2	57.6	66.7	75.8
-5°	0.0	3.3	9.2	15.9	24.2	31.8	40.8	49.1	57.4	66.2	75.4
-7.5°	0.0	3.3	9.1	15.9	24.0	31.7	40.5	48.8	57.1	65.7	74.7
-10°	0.0	3.2	9.0	15.8	23.8	31.5	40.2	48.4	56.6	65.0	73.9
-12.5°	0.0	3.2	8.9	15.7	23.5	31.3	39.7	47.9	56.0	64.2	73.1
-15°	0.0	3.2	8.8	15.5	23.2	30.9	39.2	47.3	55.4	63.6	72.3
-17.5°	0.0	3.1	8.7	15.3	22.8	30.5	38.6	46.6	54.7	62.8	71.2
-20°	0.0	3.1	8.5	15.0	22.4	30.0	37.9	45.9	53.8	61.8	70.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	8.3	14.7	21.9	29.4	37.2	45.1	52.9	60.7	68.7
-25°	0.0	3.0	8.1	14.4	21.4	28.7	36.3	44.1	51.8	59.5	67.2
-27.5°	0.0	2.9	7.9	14.0	20.8	27.9	35.4	43.1	50.6	58.2	65.6
-30°	0.0	2.9	7.6	13.6	20.2	27.1	34.4	42.0	49.3	56.7	64.0
-32.5°	0.0	2.8	7.3	13.1	19.5	26.2	33.2	40.7	47.9	55.0	62.2
-35°	0.0	2.7	7.1	12.6	18.8	25.2	32.0	39.2	46.3	53.3	60.2
-37.5°	0.0	2.6	6.8	12.0	18.0	24.2	30.8	37.7	44.7	51.4	58.2
-40°	0.0	2.5	6.4	11.4	17.1	23.1	29.4	36.0	42.9	49.5	56.1
-42.5°	0.0	2.4	6.1	10.8	16.3	22.0	28.0	34.3	41.0	47.4	53.8
-45°	0.0	2.3	5.7	10.1	15.4	20.8	26.6	32.5	38.8	45.2	51.4
-47.5°	0.0	2.2	5.4	9.4	14.4	19.6	25.0	30.7	36.6	42.9	48.8
-50°	0.0	2.1	5.0	8.8	13.4	18.3	23.5	28.8	34.2	40.2	46.1
-52.5°	0.0	2.0	4.6	8.2	12.4	16.9	21.8	26.8	32.0	37.5	43.2
-55°	0.0	1.9	4.2	7.5	11.3	15.6	20.1	24.8	29.7	34.7	40.0
-57.5°	0.0	1.8	3.7	6.9	10.3	14.2	18.3	22.7	27.3	31.9	36.8
-60°	0.0	1.6	3.3	6.2	9.2	12.8	16.5	20.6	24.8	29.1	33.5
-62.5°	0.0	1.5	3.0	5.6	8.3	11.4	14.8	18.4	22.3	26.1	30.2
-65°	0.0	1.4	2.8	4.9	7.3	9.9	13.0	16.2	19.7	23.2	26.8
-67.5°	0.0	1.3	2.5	4.2	6.4	8.6	11.3	14.1	17.1	20.3	23.5
-70°	0.0	1.1	2.3	3.4	5.4	7.4	9.4	12.0	14.7	17.3	20.2
-72.5°	0.0	1.0	2.0	3.0	4.5	6.2	7.9	9.9	12.3	14.6	16.9
-75°	0.0	0.9	1.7	2.6	3.5	5.0	6.5	8.1	9.8	11.8	13.8
-77.5°	0.0	0.7	1.4	2.1	2.8	3.7	5.0	6.3	7.7	9.1	10.7
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.5	5.6	6.7	7.9
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.2	5.1
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.8	4.3	4.8	5.2	5.6	6.1	6.5	6.9	7.2
82.5°	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.8	11.4	12.0	12.5
80°	8.9	9.9	11.0	11.9	12.9	13.8	14.7	15.5	16.3	17.2	18.1
77.5°	12.2	13.5	14.7	15.8	16.9	18.4	19.8	21.1	22.4	23.6	24.7
75°	15.6	17.0	18.7	20.3	22.0	23.7	25.3	26.9	28.5	30.1	31.7
72.5°	19.1	21.1	23.0	25.0	27.1	29.2	31.1	32.8	34.7	36.9	38.9
70°	22.8	25.1	27.6	30.1	32.5	34.8	37.1	39.5	41.9	44.3	46.5
67.5°	26.5	29.4	32.3	35.1	37.9	40.6	43.4	46.3	49.1	51.7	54.3
65°	30.5	33.8	37.0	40.1	43.2	46.6	49.9	53.1	56.6	59.8	62.6
62.5°	34.4	38.1	41.6	45.1	48.8	52.6	56.4	60.4	64.6	67.6	70.2
60°	38.1	42.3	46.2	50.3	54.4	58.6	63.1	67.3	71.1	74.4	77.1
57.5°	41.7	46.4	50.8	55.2	59.7	64.5	69.4	73.7	77.3	80.5	83.5
55°	45.3	50.4	55.1	59.8	64.9	70.5	75.5	79.5	83.1	85.7	88.6
52.5°	48.6	54.1	59.0	64.3	70.1	75.9	80.9	84.8	87.8	90.6	93.4
50°	51.8	57.4	62.8	68.8	74.9	80.8	85.8	89.4	92.5	95.3	98.0
47.5°	54.8	60.5	66.7	73.0	79.5	85.3	90.1	93.7	96.9	99.8	102.8
45°	57.5	63.7	70.2	77.2	83.8	89.6	93.9	97.8	100.9	104.1	107.8
42.5°	60.2	66.8	73.8	81.2	88.0	93.3	97.5	101.2	104.8	108.7	112.8
40°	62.7	69.6	77.2	85.1	92.0	96.5	100.7	104.7	108.8	113.2	117.7
37.5°	65.1	72.5	80.4	88.7	94.8	99.5	103.9	108.3	112.9	117.7	123.3
35°	67.3	75.2	83.5	91.4	97.4	102.5	107.2	112.0	117.1	123.0	129.1
32.5°	69.5	77.6	86.4	93.8	99.7	105.2	110.4	115.8	121.6	128.1	135.1
30°	71.6	80.0	88.9	96.2	101.8	107.4	113.5	119.5	126.0	133.1	141.4
27.5°	73.6	82.3	91.0	98.1	103.6	109.3	115.8	123.1	130.2	138.1	147.7
25°	75.5	84.5	93.1	99.6	105.2	111.2	118.0	125.7	134.1	143.4	155.2
22.5°	77.3	86.6	95.0	100.8	106.5	112.8	120.1	128.3	137.4	148.2	162.5
20°	79.0	88.2	96.3	102.0	107.6	114.1	121.9	130.6	141.0	154.0	171.2
17.5°	80.5	89.6	97.2	103.0	108.7	115.4	123.5	132.5	144.2	159.2	179.5
15°	81.7	90.7	98.0	103.7	109.7	116.8	125.1	134.9	147.7	164.2	186.7
12.5°	82.7	91.6	98.6	104.3	110.4	117.8	126.5	137.2	151.2	169.8	196.4
10°	83.5	92.2	99.1	104.6	111.0	118.4	127.5	139.1	154.0	174.4	204.6
7.5°	84.3	92.8	99.4	104.8	111.3	118.8	128.3	140.3	156.1	177.8	211.2
5°	84.9	93.3	99.7	105.1	111.5	118.9	128.8	141.1	157.4	180.1	215.9
2.5°	85.2	93.6	99.7	105.3	111.4	118.9	129.4	141.5	158.8	182.0	218.6
0°	85.3	93.7	99.5	105.4	111.2	118.7	129.6	141.3	159.7	183.1	219.1
-2.5°	85.2	93.6	99.7	105.3	111.4	118.9	129.4	141.5	158.8	182.0	218.6
-5°	84.9	93.3	99.7	105.1	111.5	118.9	128.8	141.1	157.4	180.1	215.9
-7.5°	84.3	92.8	99.4	104.8	111.3	118.8	128.3	140.3	156.1	177.8	211.2
-10°	83.5	92.2	99.1	104.6	111.0	118.4	127.5	139.1	154.0	174.4	204.6
-12.5°	82.7	91.6	98.6	104.3	110.4	117.8	126.5	137.2	151.2	169.8	196.4
-15°	81.7	90.7	98.0	103.7	109.7	116.8	125.1	134.9	147.7	164.2	186.7
-17.5°	80.5	89.6	97.2	103.0	108.7	115.4	123.5	132.5	144.2	159.2	179.5
-20°	79.0	88.2	96.3	102.0	107.6	114.1	121.9	130.6	141.0	154.0	171.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	77.3	86.6	95.0	100.8	106.5	112.8	120.1	128.3	137.4	148.2	162.5
-25°	75.5	84.5	93.1	99.6	105.2	111.2	118.0	125.7	134.1	143.4	155.2
-27.5°	73.6	82.3	91.0	98.1	103.6	109.3	115.8	123.1	130.2	138.1	147.7
-30°	71.6	80.0	88.9	96.2	101.8	107.4	113.5	119.5	126.0	133.1	141.4
-32.5°	69.5	77.6	86.4	93.8	99.7	105.2	110.4	115.8	121.6	128.1	135.1
-35°	67.3	75.2	83.5	91.4	97.4	102.5	107.2	112.0	117.1	123.0	129.1
-37.5°	65.1	72.5	80.4	88.7	94.8	99.5	103.9	108.3	112.9	117.7	123.3
-40°	62.7	69.6	77.2	85.1	92.0	96.5	100.7	104.7	108.8	113.2	117.7
-42.5°	60.2	66.8	73.8	81.2	88.0	93.3	97.5	101.2	104.8	108.7	112.8
-45°	57.5	63.7	70.2	77.2	83.8	89.6	93.9	97.8	100.9	104.1	107.8
-47.5°	54.8	60.5	66.7	73.0	79.5	85.3	90.1	93.7	96.9	99.8	102.8
-50°	51.8	57.4	62.8	68.8	74.9	80.8	85.8	89.4	92.5	95.3	98.0
-52.5°	48.6	54.1	59.0	64.3	70.1	75.9	80.9	84.8	87.8	90.6	93.4
-55°	45.3	50.4	55.1	59.8	64.9	70.5	75.5	79.5	83.1	85.7	88.6
-57.5°	41.7	46.4	50.8	55.2	59.7	64.5	69.4	73.7	77.3	80.5	83.5
-60°	38.1	42.3	46.2	50.3	54.4	58.6	63.1	67.3	71.1	74.4	77.1
-62.5°	34.4	38.1	41.6	45.1	48.8	52.6	56.4	60.4	64.6	67.6	70.2
-65°	30.5	33.8	37.0	40.1	43.2	46.6	49.9	53.1	56.6	59.8	62.6
-67.5°	26.5	29.4	32.3	35.1	37.9	40.6	43.4	46.3	49.1	51.7	54.3
-70°	22.8	25.1	27.6	30.1	32.5	34.8	37.1	39.5	41.9	44.3	46.5
-72.5°	19.1	21.1	23.0	25.0	27.1	29.2	31.1	32.8	34.7	36.9	38.9
-75°	15.6	17.0	18.7	20.3	22.0	23.7	25.3	26.9	28.5	30.1	31.7
-77.5°	12.2	13.5	14.7	15.8	16.9	18.4	19.8	21.1	22.4	23.6	24.7
-80°	8.9	9.9	11.0	11.9	12.9	13.8	14.7	15.5	16.3	17.2	18.1
-82.5°	5.9	6.6	7.4	8.1	8.8	9.5	10.2	10.8	11.4	12.0	12.5
-85°	3.0	3.3	3.8	4.3	4.8	5.2	5.6	6.1	6.5	6.9	7.2
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
85°	7.6	7.9	8.2	8.5	8.7	8.8	8.8	8.8	8.8	8.9	9.0
82.5°	13.0	13.6	14.3	14.9	15.4	15.7	15.8	15.9	15.9	16.2	16.4
80°	19.0	19.9	20.8	21.6	22.3	22.7	23.2	23.6	23.9	24.1	24.2
77.5°	25.9	27.0	28.1	29.0	29.9	30.6	31.2	31.6	32.0	32.2	32.4
75°	33.3	34.7	36.0	37.1	38.2	39.0	39.5	39.9	40.1	40.4	40.6
72.5°	40.7	42.4	43.9	45.3	46.5	47.4	48.0	48.5	48.9	49.1	49.3
70°	48.6	50.5	52.2	53.6	54.7	55.6	56.2	56.7	57.2	57.4	57.6
67.5°	56.7	58.8	60.4	61.6	62.6	63.4	64.3	64.9	65.3	65.7	66.1
65°	65.0	67.1	68.7	70.0	71.0	72.2	73.2	74.0	74.6	75.1	75.5
62.5°	72.8	75.2	77.0	78.7	80.5	82.1	83.1	83.8	84.4	84.8	85.4
60°	79.9	82.6	84.8	86.9	89.1	91.2	92.1	92.8	93.4	94.0	94.6
57.5°	86.2	89.1	91.8	93.9	95.9	97.9	99.3	100.0	100.5	100.8	101.1
55°	91.7	94.5	97.2	99.6	101.8	103.9	105.4	106.2	106.7	107.0	107.2
52.5°	96.5	99.6	102.5	105.1	107.6	109.8	111.7	112.7	113.5	114.1	114.3
50°	101.4	104.7	107.8	110.6	113.4	116.1	118.5	119.9	120.9	121.5	121.7
47.5°	106.4	110.0	113.4	116.6	119.8	123.0	125.8	127.8	129.2	130.3	131.0
45°	111.6	115.5	119.2	123.1	126.7	130.8	134.5	137.3	139.4	141.2	142.6
42.5°	116.9	121.2	125.6	130.6	135.5	140.1	144.5	148.2	151.6	154.9	157.5
40°	122.6	127.4	133.3	139.2	145.3	150.7	157.0	162.7	167.9	173.6	178.3
37.5°	128.9	135.0	142.0	149.1	157.0	164.7	173.6	182.3	190.0	199.9	207.8
35°	135.6	143.4	151.7	161.2	171.4	183.6	196.0	210.6	223.0	238.7	253.2
32.5°	143.2	152.4	163.2	176.2	190.1	209.5	227.6	252.4	273.5	300.8	330.5
30°	151.0	162.8	177.5	194.3	217.7	245.2	277.4	319.1	364.3	411.1	474.0
27.5°	160.1	175.5	193.8	219.8	254.8	292.9	358.3	429.0	527.4	605.4	744.1
25°	170.0	189.0	216.1	253.8	302.0	379.3	489.7	617.6	814.5	989.7	1191.0
22.5°	181.7	207.5	243.4	292.6	376.9	509.7	682.1	944.7	1236.6	1524.8	1788.2
20°	194.1	225.2	275.4	355.7	485.9	677.9	985.5	1360.7	1748.3	2143.2	2476.0
17.5°	208.5	250.8	316.9	423.6	609.4	938.0	1348.8	1826.0	2332.3	2836.3	3274.0
15°	220.9	273.2	362.1	522.0	799.0	1210.1	1715.0	2317.7	2954.4	3608.4	4317.2
12.5°	236.7	300.1	408.7	603.3	967.3	1501.6	2119.5	2819.1	3596.7	4465.0	5569.9
10°	251.2	328.3	470.1	733.7	1169.6	1774.0	2468.8	3262.6	4271.1	5576.0	6908.8
7.5°	262.8	350.8	517.7	835.4	1339.2	2006.6	2783.3	3735.0	4993.3	6547.0	8069.8
5°	270.9	366.3	551.7	912.2	1475.7	2184.3	3006.5	4083.3	5602.0	7341.9	8896.8
2.5°	276.0	374.8	568.4	957.9	1564.7	2291.3	3145.7	4304.7	5975.1	7847.9	9422.2
0°	278.5	376.3	557.8	980.1	1577.2	2283.8	3158.5	4378.6	6063.6	7985.3	9553.3
-2.5°	276.0	374.8	568.4	957.9	1564.7	2291.3	3145.7	4304.7	5975.1	7847.9	9422.2
-5°	270.9	366.3	551.7	912.2	1475.7	2184.3	3006.5	4083.3	5602.0	7341.9	8896.8
-7.5°	262.8	350.8	517.7	835.4	1339.2	2006.6	2783.3	3735.0	4993.3	6547.0	8069.8
-10°	251.2	328.3	470.1	733.7	1169.6	1774.0	2468.8	3262.6	4271.1	5576.0	6908.8
-12.5°	236.7	300.1	408.7	603.3	967.3	1501.6	2119.5	2819.1	3596.7	4465.0	5569.9
-15°	220.9	273.2	362.1	522.0	799.0	1210.1	1715.0	2317.7	2954.4	3608.4	4317.2
-17.5°	208.5	250.8	316.9	423.6	609.4	938.0	1348.8	1826.0	2332.3	2836.3	3274.0
-20°	194.1	225.2	275.4	355.7	485.9	677.9	985.5	1360.7	1748.3	2143.2	2476.0

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	181.7	207.5	243.4	292.6	376.9	509.7	682.1	944.7	1236.6	1524.8	1788.2
-25°	170.0	189.0	216.1	253.8	302.0	379.3	489.7	617.6	814.5	989.7	1191.0
-27.5°	160.1	175.5	193.8	219.8	254.8	292.9	358.3	429.0	527.4	605.4	744.1
-30°	151.0	162.8	177.5	194.3	217.7	245.2	277.4	319.1	364.3	411.1	474.0
-32.5°	143.2	152.4	163.2	176.2	190.1	209.5	227.6	252.4	273.5	300.8	330.5
-35°	135.6	143.4	151.7	161.2	171.4	183.6	196.0	210.6	223.0	238.7	253.2
-37.5°	128.9	135.0	142.0	149.1	157.0	164.7	173.6	182.3	190.0	199.9	207.8
-40°	122.6	127.4	133.3	139.2	145.3	150.7	157.0	162.7	167.9	173.6	178.3
-42.5°	116.9	121.2	125.6	130.6	135.5	140.1	144.5	148.2	151.6	154.9	157.5
-45°	111.6	115.5	119.2	123.1	126.7	130.8	134.5	137.3	139.4	141.2	142.6
-47.5°	106.4	110.0	113.4	116.6	119.8	123.0	125.8	127.8	129.2	130.3	131.0
-50°	101.4	104.7	107.8	110.6	113.4	116.1	118.5	119.9	120.9	121.5	121.7
-52.5°	96.5	99.6	102.5	105.1	107.6	109.8	111.7	112.7	113.5	114.1	114.3
-55°	91.7	94.5	97.2	99.6	101.8	103.9	105.4	106.2	106.7	107.0	107.2
-57.5°	86.2	89.1	91.8	93.9	95.9	97.9	99.3	100.0	100.5	100.8	101.1
-60°	79.9	82.6	84.8	86.9	89.1	91.2	92.1	92.8	93.4	94.0	94.6
-62.5°	72.8	75.2	77.0	78.7	80.5	82.1	83.1	83.8	84.4	84.8	85.4
-65°	65.0	67.1	68.7	70.0	71.0	72.2	73.2	74.0	74.6	75.1	75.5
-67.5°	56.7	58.8	60.4	61.6	62.6	63.4	64.3	64.9	65.3	65.7	66.1
-70°	48.6	50.5	52.2	53.6	54.7	55.6	56.2	56.7	57.2	57.4	57.6
-72.5°	40.7	42.4	43.9	45.3	46.5	47.4	48.0	48.5	48.9	49.1	49.3
-75°	33.3	34.7	36.0	37.1	38.2	39.0	39.5	39.9	40.1	40.4	40.6
-77.5°	25.9	27.0	28.1	29.0	29.9	30.6	31.2	31.6	32.0	32.2	32.4
-80°	19.0	19.9	20.8	21.6	22.3	22.7	23.2	23.6	23.9	24.1	24.2
-82.5°	13.0	13.6	14.3	14.9	15.4	15.7	15.8	15.9	15.9	16.2	16.4
-85°	7.6	7.9	8.2	8.5	8.7	8.8	8.8	8.8	8.8	8.9	9.0
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
85°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.0	8.9	8.8	8.8
82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.9
80°	24.2	24.2	24.3	24.3	24.3	24.2	24.2	24.2	24.1	23.9	23.6
77.5°	32.5	32.4	32.6	32.6	32.6	32.4	32.5	32.4	32.2	32.0	31.6
75°	40.8	40.8	41.0	41.0	41.0	40.8	40.8	40.6	40.4	40.1	39.9
72.5°	49.3	49.1	49.2	49.3	49.2	49.1	49.3	49.3	49.1	48.9	48.5
70°	57.6	57.5	58.0	58.5	58.0	57.5	57.6	57.6	57.4	57.2	56.7
67.5°	66.4	66.6	67.2	67.7	67.2	66.6	66.4	66.1	65.7	65.3	64.9
65°	75.8	75.8	76.4	76.9	76.4	75.8	75.8	75.5	75.1	74.6	74.0
62.5°	85.7	85.8	86.4	87.0	86.4	85.8	85.7	85.4	84.8	84.4	83.8
60°	94.9	95.0	95.2	95.3	95.2	95.0	94.9	94.6	94.0	93.4	92.8
57.5°	101.1	101.0	101.1	101.2	101.1	101.0	101.1	101.1	100.8	100.5	100.0
55°	107.2	106.9	106.6	106.2	106.6	106.9	107.2	107.2	107.0	106.7	106.2
52.5°	114.1	113.7	113.3	112.9	113.3	113.7	114.1	114.3	114.1	113.5	112.7
50°	121.6	121.2	120.8	120.4	120.8	121.2	121.6	121.7	121.5	120.9	119.9
47.5°	131.5	131.7	131.6	131.3	131.6	131.7	131.5	131.0	130.3	129.2	127.8
45°	143.6	144.1	144.2	143.8	144.2	144.1	143.6	142.6	141.2	139.4	137.3
42.5°	159.4	160.4	161.0	161.4	161.0	160.4	159.4	157.5	154.9	151.6	148.2
40°	181.7	183.8	185.2	186.5	185.2	183.8	181.7	178.3	173.6	167.9	162.7
37.5°	213.7	217.6	219.4	218.3	219.4	217.6	213.7	207.8	199.9	190.0	182.3
35°	264.3	271.8	275.6	276.0	275.6	271.8	264.3	253.2	238.7	223.0	210.6
32.5°	352.6	367.8	376.0	377.1	376.0	367.8	352.6	330.5	300.8	273.5	252.4
30°	522.2	553.3	567.9	564.5	567.9	553.3	522.2	474.0	411.1	364.3	319.1
27.5°	852.0	929.6	975.6	979.2	975.6	929.6	852.0	744.1	605.4	527.4	429.0
25°	1369.3	1501.8	1586.6	1588.0	1586.6	1501.8	1369.3	1191.0	989.7	814.5	617.6
22.5°	2031.7	2212.6	2311.7	2328.9	2311.7	2212.6	2031.7	1788.2	1524.8	1236.6	944.7
20°	2799.0	3039.7	3168.4	3168.5	3168.4	3039.7	2799.0	2476.0	2143.2	1748.3	1360.7
17.5°	3744.1	4134.8	4380.1	4485.6	4380.1	4134.8	3744.1	3274.0	2836.3	2332.3	1826.0
15°	4999.6	5656.2	6049.6	6120.5	6049.6	5656.2	4999.6	4317.2	3608.4	2954.4	2317.7
12.5°	6528.4	7359.2	7917.7	8122.5	7917.7	7359.2	6528.4	5569.9	4465.0	3596.7	2819.1
10°	8124.5	8894.3	9492.7	9693.8	9492.7	8894.3	8124.5	6908.8	5576.0	4271.1	3262.6
7.5°	9277.5	10195.6	10869.5	11165.6	10869.5	10195.6	9277.5	8069.8	6547.0	4993.3	3735.0
5°	10187.8	11274.0	11901.5	12179.9	11901.5	11274.0	10187.8	8896.8	7341.9	5602.0	4083.3
2.5°	10785.0	11858.3	12522.7	12779.5	12522.7	11858.3	10785.0	9422.2	7847.9	5975.1	4304.7
0°	11008.3	12057.8	12714.3	13027.9	12714.3	12057.8	11008.3	9553.3	7985.3	6063.6	4378.6
-2.5°	10785.0	11858.3	12522.7	12779.5	12522.7	11858.3	10785.0	9422.2	7847.9	5975.1	4304.7
-5°	10187.8	11274.0	11901.5	12179.9	11901.5	11274.0	10187.8	8896.8	7341.9	5602.0	4083.3
-7.5°	9277.5	10195.6	10869.5	11165.6	10869.5	10195.6	9277.5	8069.8	6547.0	4993.3	3735.0
-10°	8124.5	8894.3	9492.7	9693.8	9492.7	8894.3	8124.5	6908.8	5576.0	4271.1	3262.6
-12.5°	6528.4	7359.2	7917.7	8122.5	7917.7	7359.2	6528.4	5569.9	4465.0	3596.7	2819.1
-15°	4999.6	5656.2	6049.6	6120.5	6049.6	5656.2	4999.6	4317.2	3608.4	2954.4	2317.7
-17.5°	3744.1	4134.8	4380.1	4485.6	4380.1	4134.8	3744.1	3274.0	2836.3	2332.3	1826.0
-20°	2799.0	3039.7	3168.4	3168.5	3168.4	3039.7	2799.0	2476.0	2143.2	1748.3	1360.7



REPORT NUMBER: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-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°	2031.7	2212.6	2311.7	2328.9	2311.7	2212.6	2031.7	1788.2	1524.8	1236.6	944.7
-25°	1369.3	1501.8	1586.6	1588.0	1586.6	1501.8	1369.3	1191.0	989.7	814.5	617.6
-27.5°	852.0	929.6	975.6	979.2	975.6	929.6	852.0	744.1	605.4	527.4	429.0
-30°	522.2	553.3	567.9	564.5	567.9	553.3	522.2	474.0	411.1	364.3	319.1
-32.5°	352.6	367.8	376.0	377.1	376.0	367.8	352.6	330.5	300.8	273.5	252.4
-35°	264.3	271.8	275.6	276.0	275.6	271.8	264.3	253.2	238.7	223.0	210.6
-37.5°	213.7	217.6	219.4	218.3	219.4	217.6	213.7	207.8	199.9	190.0	182.3
-40°	181.7	183.8	185.2	186.5	185.2	183.8	181.7	178.3	173.6	167.9	162.7
-42.5°	159.4	160.4	161.0	161.4	161.0	160.4	159.4	157.5	154.9	151.6	148.2
-45°	143.6	144.1	144.2	143.8	144.2	144.1	143.6	142.6	141.2	139.4	137.3
-47.5°	131.5	131.7	131.6	131.3	131.6	131.7	131.5	131.0	130.3	129.2	127.8
-50°	121.6	121.2	120.8	120.4	120.8	121.2	121.6	121.7	121.5	120.9	119.9
-52.5°	114.1	113.7	113.3	112.9	113.3	113.7	114.1	114.3	114.1	113.5	112.7
-55°	107.2	106.9	106.6	106.2	106.6	106.9	107.2	107.2	107.0	106.7	106.2
-57.5°	101.1	101.0	101.1	101.2	101.1	101.0	101.1	101.1	100.8	100.5	100.0
-60°	94.9	95.0	95.2	95.3	95.2	95.0	94.9	94.6	94.0	93.4	92.8
-62.5°	85.7	85.8	86.4	87.0	86.4	85.8	85.7	85.4	84.8	84.4	83.8
-65°	75.8	75.8	76.4	76.9	76.4	75.8	75.8	75.5	75.1	74.6	74.0
-67.5°	66.4	66.6	67.2	67.7	67.2	66.6	66.4	66.1	65.7	65.3	64.9
-70°	57.6	57.5	58.0	58.5	58.0	57.5	57.6	57.6	57.4	57.2	56.7
-72.5°	49.3	49.1	49.2	49.3	49.2	49.1	49.3	49.3	49.1	48.9	48.5
-75°	40.8	40.8	41.0	41.0	41.0	40.8	40.8	40.6	40.4	40.1	39.9
-77.5°	32.5	32.4	32.6	32.6	32.6	32.4	32.5	32.4	32.2	32.0	31.6
-80°	24.2	24.2	24.3	24.3	24.3	24.2	24.2	24.2	24.1	23.9	23.6
-82.5°	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4	16.2	15.9	15.9
-85°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.0	8.9	8.8	8.8
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	8.8	8.8	8.7	8.5	8.2	7.9	7.6	7.2	6.9	6.5	6.1
82.5°	15.8	15.7	15.4	14.9	14.3	13.6	13.0	12.5	12.0	11.4	10.8
80°	23.2	22.7	22.3	21.6	20.8	19.9	19.0	18.1	17.2	16.3	15.5
77.5°	31.2	30.6	29.9	29.0	28.1	27.0	25.9	24.7	23.6	22.4	21.1
75°	39.5	39.0	38.2	37.1	36.0	34.7	33.3	31.7	30.1	28.5	26.9
72.5°	48.0	47.4	46.5	45.3	43.9	42.4	40.7	38.9	36.9	34.7	32.8
70°	56.2	55.6	54.7	53.6	52.2	50.5	48.6	46.5	44.3	41.9	39.5
67.5°	64.3	63.4	62.6	61.6	60.4	58.8	56.7	54.3	51.7	49.1	46.3
65°	73.2	72.2	71.0	70.0	68.7	67.1	65.0	62.6	59.8	56.6	53.1
62.5°	83.1	82.1	80.5	78.7	77.0	75.2	72.8	70.2	67.6	64.6	60.4
60°	92.1	91.2	89.1	86.9	84.8	82.6	79.9	77.1	74.4	71.1	67.3
57.5°	99.3	97.9	95.9	93.9	91.8	89.1	86.2	83.5	80.5	77.3	73.7
55°	105.4	103.9	101.8	99.6	97.2	94.5	91.7	88.6	85.7	83.1	79.5
52.5°	111.7	109.8	107.6	105.1	102.5	99.6	96.5	93.4	90.6	87.8	84.8
50°	118.5	116.1	113.4	110.6	107.8	104.7	101.4	98.0	95.3	92.5	89.4
47.5°	125.8	123.0	119.8	116.6	113.4	110.0	106.4	102.8	99.8	96.9	93.7
45°	134.5	130.8	126.7	123.1	119.2	115.5	111.6	107.8	104.1	100.9	97.8
42.5°	144.5	140.1	135.5	130.6	125.6	121.2	116.9	112.8	108.7	104.8	101.2
40°	157.0	150.7	145.3	139.2	133.3	127.4	122.6	117.7	113.2	108.8	104.7
37.5°	173.6	164.7	157.0	149.1	142.0	135.0	128.9	123.3	117.7	112.9	108.3
35°	196.0	183.6	171.4	161.2	151.7	143.4	135.6	129.1	123.0	117.1	112.0
32.5°	227.6	209.5	190.1	176.2	163.2	152.4	143.2	135.1	128.1	121.6	115.8
30°	277.4	245.2	217.7	194.3	177.5	162.8	151.0	141.4	133.1	126.0	119.5
27.5°	358.3	292.9	254.8	219.8	193.8	175.5	160.1	147.7	138.1	130.2	123.1
25°	489.7	379.3	302.0	253.8	216.1	189.0	170.0	155.2	143.4	134.1	125.7
22.5°	682.1	509.7	376.9	292.6	243.4	207.5	181.7	162.5	148.2	137.4	128.3
20°	985.5	677.9	485.9	355.7	275.4	225.2	194.1	171.2	154.0	141.0	130.6
17.5°	1348.8	938.0	609.4	423.6	316.9	250.8	208.5	179.5	159.2	144.2	132.5
15°	1715.0	1210.1	799.0	522.0	362.1	273.2	220.9	186.7	164.2	147.7	134.9
12.5°	2119.5	1501.6	967.3	603.3	408.7	300.1	236.7	196.4	169.8	151.2	137.2
10°	2468.8	1774.0	1169.6	733.7	470.1	328.3	251.2	204.6	174.4	154.0	139.1
7.5°	2783.3	2006.6	1339.2	835.4	517.7	350.8	262.8	211.2	177.8	156.1	140.3
5°	3006.5	2184.3	1475.7	912.2	551.7	366.3	270.9	215.9	180.1	157.4	141.1
2.5°	3145.7	2291.3	1564.7	957.9	568.4	374.8	276.0	218.6	182.0	158.8	141.5
0°	3158.5	2283.8	1577.2	980.1	557.8	376.3	278.5	219.1	183.1	159.7	141.3
-2.5°	3145.7	2291.3	1564.7	957.9	568.4	374.8	276.0	218.6	182.0	158.8	141.5
-5°	3006.5	2184.3	1475.7	912.2	551.7	366.3	270.9	215.9	180.1	157.4	141.1
-7.5°	2783.3	2006.6	1339.2	835.4	517.7	350.8	262.8	211.2	177.8	156.1	140.3
-10°	2468.8	1774.0	1169.6	733.7	470.1	328.3	251.2	204.6	174.4	154.0	139.1
-12.5°	2119.5	1501.6	967.3	603.3	408.7	300.1	236.7	196.4	169.8	151.2	137.2
-15°	1715.0	1210.1	799.0	522.0	362.1	273.2	220.9	186.7	164.2	147.7	134.9
-17.5°	1348.8	938.0	609.4	423.6	316.9	250.8	208.5	179.5	159.2	144.2	132.5
-20°	985.5	677.9	485.9	355.7	275.4	225.2	194.1	171.2	154.0	141.0	130.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	682.1	509.7	376.9	292.6	243.4	207.5	181.7	162.5	148.2	137.4	128.3
-25°	489.7	379.3	302.0	253.8	216.1	189.0	170.0	155.2	143.4	134.1	125.7
-27.5°	358.3	292.9	254.8	219.8	193.8	175.5	160.1	147.7	138.1	130.2	123.1
-30°	277.4	245.2	217.7	194.3	177.5	162.8	151.0	141.4	133.1	126.0	119.5
-32.5°	227.6	209.5	190.1	176.2	163.2	152.4	143.2	135.1	128.1	121.6	115.8
-35°	196.0	183.6	171.4	161.2	151.7	143.4	135.6	129.1	123.0	117.1	112.0
-37.5°	173.6	164.7	157.0	149.1	142.0	135.0	128.9	123.3	117.7	112.9	108.3
-40°	157.0	150.7	145.3	139.2	133.3	127.4	122.6	117.7	113.2	108.8	104.7
-42.5°	144.5	140.1	135.5	130.6	125.6	121.2	116.9	112.8	108.7	104.8	101.2
-45°	134.5	130.8	126.7	123.1	119.2	115.5	111.6	107.8	104.1	100.9	97.8
-47.5°	125.8	123.0	119.8	116.6	113.4	110.0	106.4	102.8	99.8	96.9	93.7
-50°	118.5	116.1	113.4	110.6	107.8	104.7	101.4	98.0	95.3	92.5	89.4
-52.5°	111.7	109.8	107.6	105.1	102.5	99.6	96.5	93.4	90.6	87.8	84.8
-55°	105.4	103.9	101.8	99.6	97.2	94.5	91.7	88.6	85.7	83.1	79.5
-57.5°	99.3	97.9	95.9	93.9	91.8	89.1	86.2	83.5	80.5	77.3	73.7
-60°	92.1	91.2	89.1	86.9	84.8	82.6	79.9	77.1	74.4	71.1	67.3
-62.5°	83.1	82.1	80.5	78.7	77.0	75.2	72.8	70.2	67.6	64.6	60.4
-65°	73.2	72.2	71.0	70.0	68.7	67.1	65.0	62.6	59.8	56.6	53.1
-67.5°	64.3	63.4	62.6	61.6	60.4	58.8	56.7	54.3	51.7	49.1	46.3
-70°	56.2	55.6	54.7	53.6	52.2	50.5	48.6	46.5	44.3	41.9	39.5
-72.5°	48.0	47.4	46.5	45.3	43.9	42.4	40.7	38.9	36.9	34.7	32.8
-75°	39.5	39.0	38.2	37.1	36.0	34.7	33.3	31.7	30.1	28.5	26.9
-77.5°	31.2	30.6	29.9	29.0	28.1	27.0	25.9	24.7	23.6	22.4	21.1
-80°	23.2	22.7	22.3	21.6	20.8	19.9	19.0	18.1	17.2	16.3	15.5
-82.5°	15.8	15.7	15.4	14.9	14.3	13.6	13.0	12.5	12.0	11.4	10.8
-85°	8.8	8.8	8.7	8.5	8.2	7.9	7.6	7.2	6.9	6.5	6.1
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	5.6	5.2	4.8	4.3	3.8	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	10.2	9.5	8.8	8.1	7.4	6.6	5.9	5.1	4.2	3.4	3.0
80°	14.7	13.8	12.9	11.9	11.0	9.9	8.9	7.9	6.7	5.6	4.5
77.5°	19.8	18.4	16.9	15.8	14.7	13.5	12.2	10.7	9.1	7.7	6.3
75°	25.3	23.7	22.0	20.3	18.7	17.0	15.6	13.8	11.8	9.8	8.1
72.5°	31.1	29.2	27.1	25.0	23.0	21.1	19.1	16.9	14.6	12.3	9.9
70°	37.1	34.8	32.5	30.1	27.6	25.1	22.8	20.2	17.3	14.7	12.0
67.5°	43.4	40.6	37.9	35.1	32.3	29.4	26.5	23.5	20.3	17.1	14.1
65°	49.9	46.6	43.2	40.1	37.0	33.8	30.5	26.8	23.2	19.7	16.2
62.5°	56.4	52.6	48.8	45.1	41.6	38.1	34.4	30.2	26.1	22.3	18.4
60°	63.1	58.6	54.4	50.3	46.2	42.3	38.1	33.5	29.1	24.8	20.6
57.5°	69.4	64.5	59.7	55.2	50.8	46.4	41.7	36.8	31.9	27.3	22.7
55°	75.5	70.5	64.9	59.8	55.1	50.4	45.3	40.0	34.7	29.7	24.8
52.5°	80.9	75.9	70.1	64.3	59.0	54.1	48.6	43.2	37.5	32.0	26.8
50°	85.8	80.8	74.9	68.8	62.8	57.4	51.8	46.1	40.2	34.2	28.8
47.5°	90.1	85.3	79.5	73.0	66.7	60.5	54.8	48.8	42.9	36.6	30.7
45°	93.9	89.6	83.8	77.2	70.2	63.7	57.5	51.4	45.2	38.8	32.5
42.5°	97.5	93.3	88.0	81.2	73.8	66.8	60.2	53.8	47.4	41.0	34.3
40°	100.7	96.5	92.0	85.1	77.2	69.6	62.7	56.1	49.5	42.9	36.0
37.5°	103.9	99.5	94.8	88.7	80.4	72.5	65.1	58.2	51.4	44.7	37.7
35°	107.2	102.5	97.4	91.4	83.5	75.2	67.3	60.2	53.3	46.3	39.2
32.5°	110.4	105.2	99.7	93.8	86.4	77.6	69.5	62.2	55.0	47.9	40.7
30°	113.5	107.4	101.8	96.2	88.9	80.0	71.6	64.0	56.7	49.3	42.0
27.5°	115.8	109.3	103.6	98.1	91.0	82.3	73.6	65.6	58.2	50.6	43.1
25°	118.0	111.2	105.2	99.6	93.1	84.5	75.5	67.2	59.5	51.8	44.1
22.5°	120.1	112.8	106.5	100.8	95.0	86.6	77.3	68.7	60.7	52.9	45.1
20°	121.9	114.1	107.6	102.0	96.3	88.2	79.0	70.1	61.8	53.8	45.9
17.5°	123.5	115.4	108.7	103.0	97.2	89.6	80.5	71.2	62.8	54.7	46.6
15°	125.1	116.8	109.7	103.7	98.0	90.7	81.7	72.3	63.6	55.4	47.3
12.5°	126.5	117.8	110.4	104.3	98.6	91.6	82.7	73.1	64.2	56.0	47.9
10°	127.5	118.4	111.0	104.6	99.1	92.2	83.5	73.9	65.0	56.6	48.4
7.5°	128.3	118.8	111.3	104.8	99.4	92.8	84.3	74.7	65.7	57.1	48.8
5°	128.8	118.9	111.5	105.1	99.7	93.3	84.9	75.4	66.2	57.4	49.1
2.5°	129.4	118.9	111.4	105.3	99.7	93.6	85.2	75.8	66.7	57.6	49.2
0°	129.6	118.7	111.2	105.4	99.5	93.7	85.3	76.1	66.9	57.7	49.3
-2.5°	129.4	118.9	111.4	105.3	99.7	93.6	85.2	75.8	66.7	57.6	49.2
-5°	128.8	118.9	111.5	105.1	99.7	93.3	84.9	75.4	66.2	57.4	49.1
-7.5°	128.3	118.8	111.3	104.8	99.4	92.8	84.3	74.7	65.7	57.1	48.8
-10°	127.5	118.4	111.0	104.6	99.1	92.2	83.5	73.9	65.0	56.6	48.4
-12.5°	126.5	117.8	110.4	104.3	98.6	91.6	82.7	73.1	64.2	56.0	47.9
-15°	125.1	116.8	109.7	103.7	98.0	90.7	81.7	72.3	63.6	55.4	47.3
-17.5°	123.5	115.4	108.7	103.0	97.2	89.6	80.5	71.2	62.8	54.7	46.6
-20°	121.9	114.1	107.6	102.0	96.3	88.2	79.0	70.1	61.8	53.8	45.9

Classified

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



REPORT NUMBER: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	120.1	112.8	106.5	100.8	95.0	86.6	77.3	68.7	60.7	52.9	45.1
-25°	118.0	111.2	105.2	99.6	93.1	84.5	75.5	67.2	59.5	51.8	44.1
-27.5°	115.8	109.3	103.6	98.1	91.0	82.3	73.6	65.6	58.2	50.6	43.1
-30°	113.5	107.4	101.8	96.2	88.9	80.0	71.6	64.0	56.7	49.3	42.0
-32.5°	110.4	105.2	99.7	93.8	86.4	77.6	69.5	62.2	55.0	47.9	40.7
-35°	107.2	102.5	97.4	91.4	83.5	75.2	67.3	60.2	53.3	46.3	39.2
-37.5°	103.9	99.5	94.8	88.7	80.4	72.5	65.1	58.2	51.4	44.7	37.7
-40°	100.7	96.5	92.0	85.1	77.2	69.6	62.7	56.1	49.5	42.9	36.0
-42.5°	97.5	93.3	88.0	81.2	73.8	66.8	60.2	53.8	47.4	41.0	34.3
-45°	93.9	89.6	83.8	77.2	70.2	63.7	57.5	51.4	45.2	38.8	32.5
-47.5°	90.1	85.3	79.5	73.0	66.7	60.5	54.8	48.8	42.9	36.6	30.7
-50°	85.8	80.8	74.9	68.8	62.8	57.4	51.8	46.1	40.2	34.2	28.8
-52.5°	80.9	75.9	70.1	64.3	59.0	54.1	48.6	43.2	37.5	32.0	26.8
-55°	75.5	70.5	64.9	59.8	55.1	50.4	45.3	40.0	34.7	29.7	24.8
-57.5°	69.4	64.5	59.7	55.2	50.8	46.4	41.7	36.8	31.9	27.3	22.7
-60°	63.1	58.6	54.4	50.3	46.2	42.3	38.1	33.5	29.1	24.8	20.6
-62.5°	56.4	52.6	48.8	45.1	41.6	38.1	34.4	30.2	26.1	22.3	18.4
-65°	49.9	46.6	43.2	40.1	37.0	33.8	30.5	26.8	23.2	19.7	16.2
-67.5°	43.4	40.6	37.9	35.1	32.3	29.4	26.5	23.5	20.3	17.1	14.1
-70°	37.1	34.8	32.5	30.1	27.6	25.1	22.8	20.2	17.3	14.7	12.0
-72.5°	31.1	29.2	27.1	25.0	23.0	21.1	19.1	16.9	14.6	12.3	9.9
-75°	25.3	23.7	22.0	20.3	18.7	17.0	15.6	13.8	11.8	9.8	8.1
-77.5°	19.8	18.4	16.9	15.8	14.7	13.5	12.2	10.7	9.1	7.7	6.3
-80°	14.7	13.8	12.9	11.9	11.0	9.9	8.9	7.9	6.7	5.6	4.5
-82.5°	10.2	9.5	8.8	8.1	7.4	6.6	5.9	5.1	4.2	3.4	3.0
-85°	5.6	5.2	4.8	4.3	3.8	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	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: P626595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	5.0	3.7	2.8	2.1	1.4	0.7	0.0
75°	6.5	5.0	3.5	2.6	1.7	0.9	0.0
72.5°	7.9	6.2	4.5	3.0	2.0	1.0	0.0
70°	9.4	7.4	5.4	3.4	2.3	1.1	0.0
67.5°	11.3	8.6	6.4	4.2	2.5	1.3	0.0
65°	13.0	9.9	7.3	4.9	2.8	1.4	0.0
62.5°	14.8	11.4	8.3	5.6	3.0	1.5	0.0
60°	16.5	12.8	9.2	6.2	3.3	1.6	0.0
57.5°	18.3	14.2	10.3	6.9	3.7	1.8	0.0
55°	20.1	15.6	11.3	7.5	4.2	1.9	0.0
52.5°	21.8	16.9	12.4	8.2	4.6	2.0	0.0
50°	23.5	18.3	13.4	8.8	5.0	2.1	0.0
47.5°	25.0	19.6	14.4	9.4	5.4	2.2	0.0
45°	26.6	20.8	15.4	10.1	5.7	2.3	0.0
42.5°	28.0	22.0	16.3	10.8	6.1	2.4	0.0
40°	29.4	23.1	17.1	11.4	6.4	2.5	0.0
37.5°	30.8	24.2	18.0	12.0	6.8	2.6	0.0
35°	32.0	25.2	18.8	12.6	7.1	2.7	0.0
32.5°	33.2	26.2	19.5	13.1	7.3	2.8	0.0
30°	34.4	27.1	20.2	13.6	7.6	2.9	0.0
27.5°	35.4	27.9	20.8	14.0	7.9	2.9	0.0
25°	36.3	28.7	21.4	14.4	8.1	3.0	0.0
22.5°	37.2	29.4	21.9	14.7	8.3	3.0	0.0
20°	37.9	30.0	22.4	15.0	8.5	3.1	0.0
17.5°	38.6	30.5	22.8	15.3	8.7	3.1	0.0
15°	39.2	30.9	23.2	15.5	8.8	3.2	0.0
12.5°	39.7	31.3	23.5	15.7	8.9	3.2	0.0
10°	40.2	31.5	23.8	15.8	9.0	3.2	0.0
7.5°	40.5	31.7	24.0	15.9	9.1	3.3	0.0
5°	40.8	31.8	24.2	15.9	9.2	3.3	0.0
2.5°	40.9	31.9	24.3	15.9	9.2	3.3	0.0
0°	41.0	31.8	24.3	15.9	9.2	3.3	0.0
-2.5°	40.9	31.9	24.3	15.9	9.2	3.3	0.0
-5°	40.8	31.8	24.2	15.9	9.2	3.3	0.0
-7.5°	40.5	31.7	24.0	15.9	9.1	3.3	0.0
-10°	40.2	31.5	23.8	15.8	9.0	3.2	0.0
-12.5°	39.7	31.3	23.5	15.7	8.9	3.2	0.0
-15°	39.2	30.9	23.2	15.5	8.8	3.2	0.0
-17.5°	38.6	30.5	22.8	15.3	8.7	3.1	0.0
-20°	37.9	30.0	22.4	15.0	8.5	3.1	0.0

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CATALOG NUMBER: GFLD-SA1B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.2	29.4	21.9	14.7	8.3	3.0	0.0
-25°	36.3	28.7	21.4	14.4	8.1	3.0	0.0
-27.5°	35.4	27.9	20.8	14.0	7.9	2.9	0.0
-30°	34.4	27.1	20.2	13.6	7.6	2.9	0.0
-32.5°	33.2	26.2	19.5	13.1	7.3	2.8	0.0
-35°	32.0	25.2	18.8	12.6	7.1	2.7	0.0
-37.5°	30.8	24.2	18.0	12.0	6.8	2.6	0.0
-40°	29.4	23.1	17.1	11.4	6.4	2.5	0.0
-42.5°	28.0	22.0	16.3	10.8	6.1	2.4	0.0
-45°	26.6	20.8	15.4	10.1	5.7	2.3	0.0
-47.5°	25.0	19.6	14.4	9.4	5.4	2.2	0.0
-50°	23.5	18.3	13.4	8.8	5.0	2.1	0.0
-52.5°	21.8	16.9	12.4	8.2	4.6	2.0	0.0
-55°	20.1	15.6	11.3	7.5	4.2	1.9	0.0
-57.5°	18.3	14.2	10.3	6.9	3.7	1.8	0.0
-60°	16.5	12.8	9.2	6.2	3.3	1.6	0.0
-62.5°	14.8	11.4	8.3	5.6	3.0	1.5	0.0
-65°	13.0	9.9	7.3	4.9	2.8	1.4	0.0
-67.5°	11.3	8.6	6.4	4.2	2.5	1.3	0.0
-70°	9.4	7.4	5.4	3.4	2.3	1.1	0.0
-72.5°	7.9	6.2	4.5	3.0	2.0	1.0	0.0
-75°	6.5	5.0	3.5	2.6	1.7	0.9	0.0
-77.5°	5.0	3.7	2.8	2.1	1.4	0.7	0.0
-80°	3.5	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	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)