

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: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626719 (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-SA1D-727-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N11
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

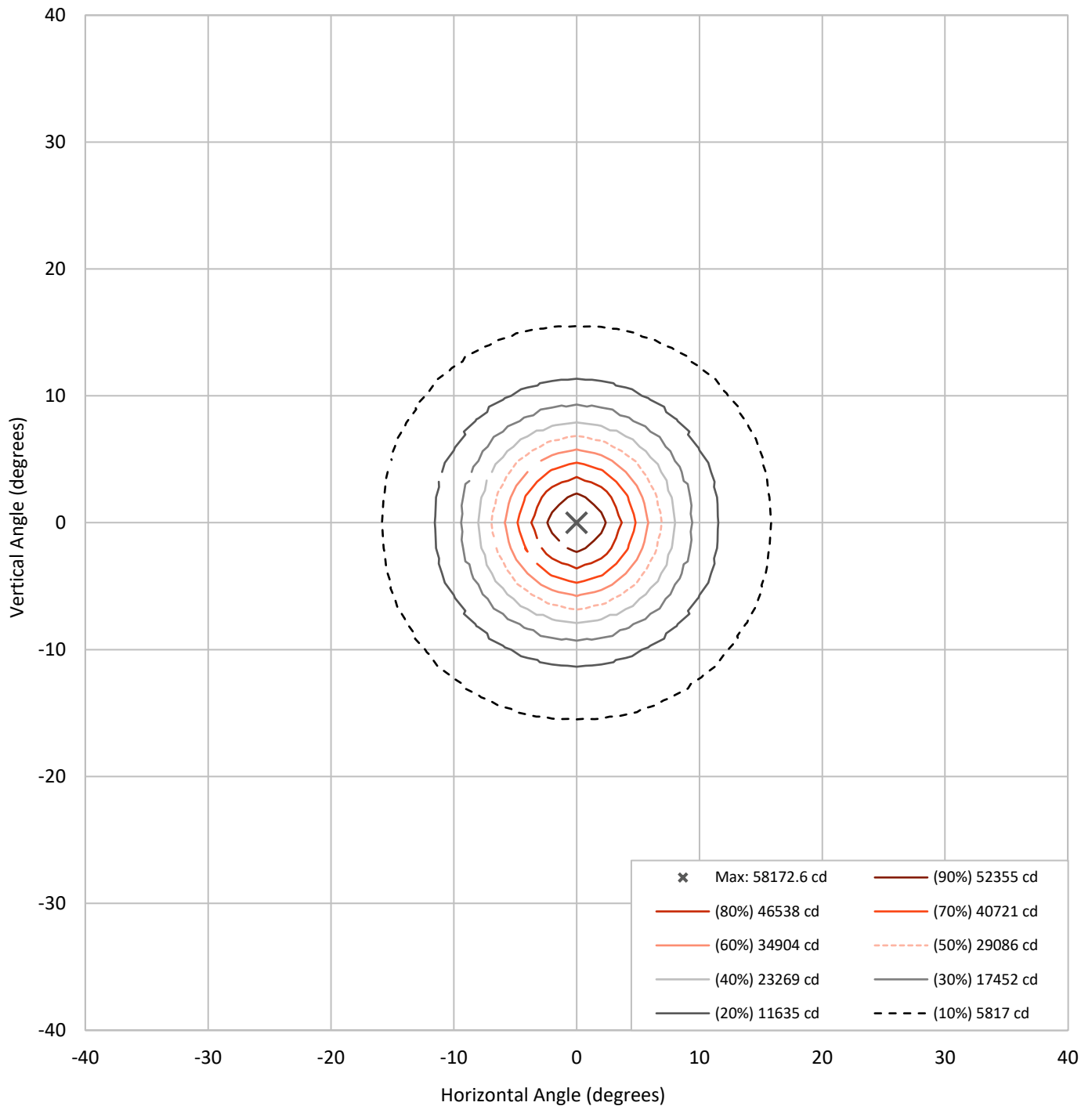
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6177.1 lumens	Max Intensity:	58172.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.8 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:	1826.3 lumens	Field Lumens:	4109.9 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	57.3		
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





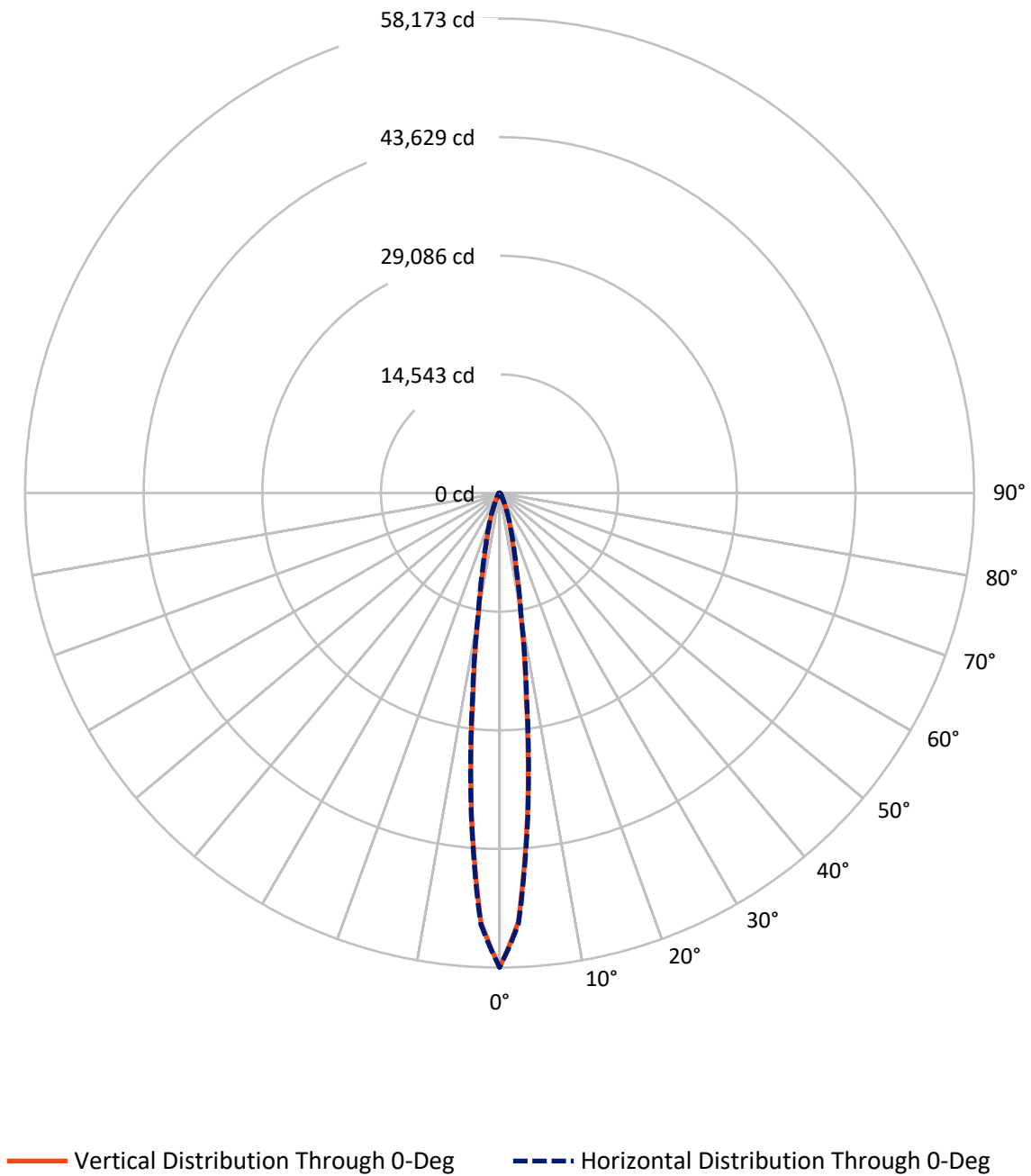
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Lumen Table

90	0.1	0.8	2.2	3.6	3.9	3.6	2.2	0.8	0.1										
80	0.1	0.8	2.2	3.6	3.9	3.6	2.2	0.8	0.1										
70	0.4	0.4	0.9	1.5	2.1	2.5	2.9	3.0	3.0	2.9	2.5	2.1	1.5	0.9	0.4	0.4			
60		0.7	1.3	2.2	2.9	3.6	4.0	4.2	4.2	4.0	3.6	2.9	2.2	1.3	0.7				
50	0.7	0.9	1.7	2.7	3.6	4.5	5.3	5.7	5.7	5.3	4.5	3.6	2.7	1.7	0.9	0.7			
40		1.0	2.0	3.1	4.4	6.3	8.9	11.0	11.0	8.9	6.3	4.4	3.1	2.0	1.0				
30	0.9	1.2	2.2	3.5	5.7	11.3	25.7	42.5	42.5	25.7	11.3	5.7	3.5	2.2	1.2	0.9			
20		1.2	2.3	3.8	7.5	24.0	85.1	183.3	183.3	85.1	24.0	7.5	3.8	2.3	1.2				
10	0.9	1.3	2.4	4.1	9.1	39.5	185.0	799.1	799.1	185.0	39.5	9.1	4.1	2.4	1.3	0.9			
0		1.3	2.4	4.1	9.1	39.5	185.0	799.1	799.1	185.0	39.5	9.1	4.1	2.4	1.3				
-10	0.9	1.2	2.3	3.8	7.5	24.0	85.1	183.3	183.3	85.1	24.0	7.5	3.8	2.3	1.2	0.9			
-20		1.2	2.2	3.5	5.7	11.3	25.7	42.5	42.5	25.7	11.3	5.7	3.5	2.2	1.2				
-30	0.7	1.0	2.0	3.1	4.4	6.3	8.9	11.0	11.0	8.9	6.3	4.4	3.1	2.0	1.0	0.7			
-40		0.9	1.7	2.7	3.6	4.5	5.3	5.7	5.7	5.3	4.5	3.6	2.7	1.7	0.9				
-50	0.4	0.7	1.3	2.2	2.9	3.6	4.0	4.2	4.2	4.0	3.6	2.9	2.2	1.3	0.7	0.4			
-60		0.4	0.9	1.5	2.1	2.5	2.9	3.0	3.0	2.9	2.5	2.1	1.5	0.9	0.4				
-70	0.1	0.8	2.2	3.6	3.9	3.6	2.2	0.8	0.1							0.1			
-80		0.1	0.8	2.2	3.6	3.9	3.6	2.2	0.8	0.1									
-90	0.1	0.8	2.2	3.6	3.9	3.6	2.2	0.8	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

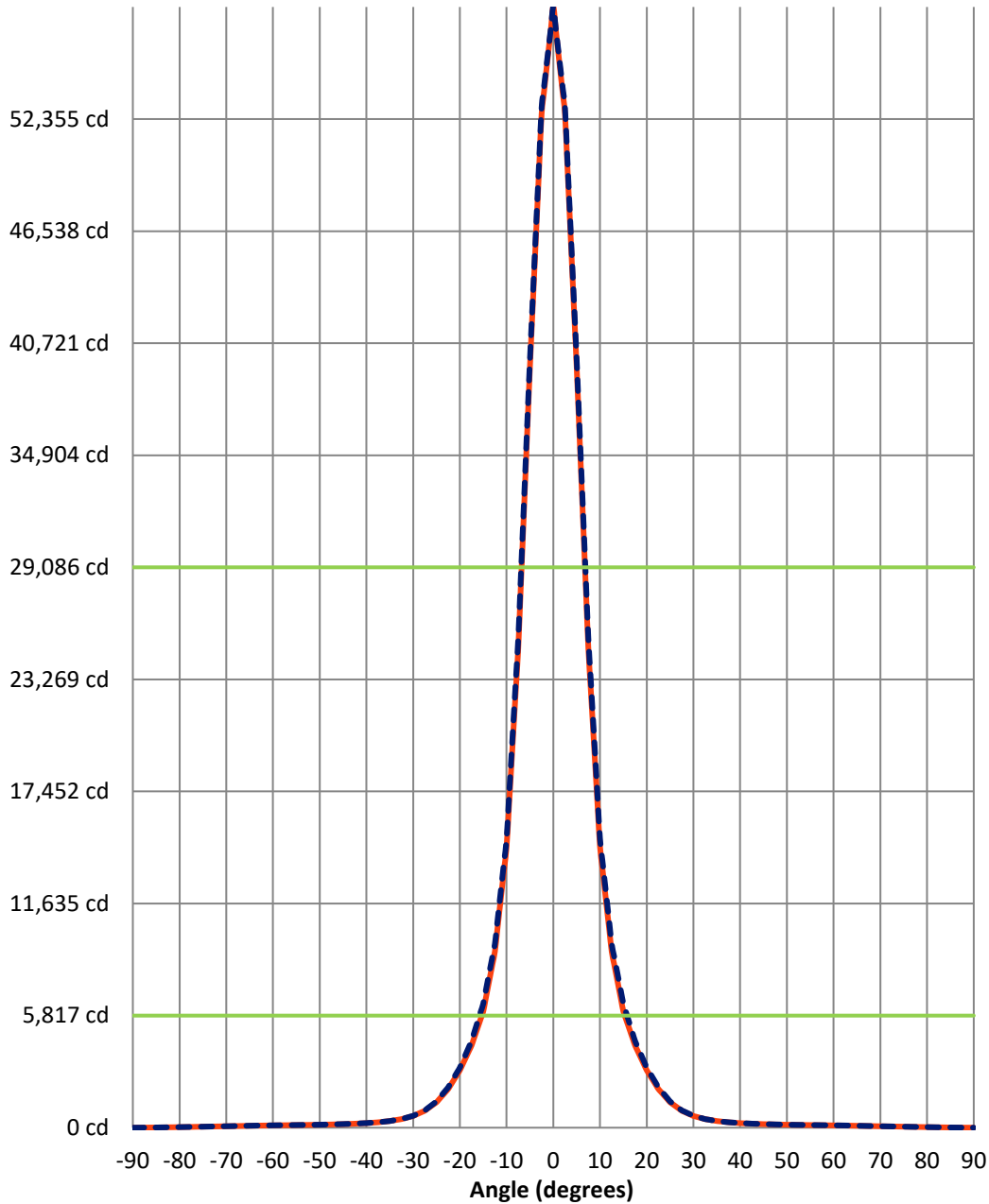
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1826.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4109.9
 Efficiency: 66.5%

Spill:
 Lumens: 2067.2
 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	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.6	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.1	7.0
80°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.5	7.7	8.9	10.1
77.5°	0.0	0.9	2.1	3.2	4.3	5.5	7.1	8.7	10.2	11.8	13.4
75°	0.0	1.1	2.6	3.9	5.2	7.0	9.0	10.9	12.8	14.9	17.0
72.5°	0.0	1.3	3.0	4.5	6.3	8.5	10.8	13.2	15.6	18.1	20.5
70°	0.0	1.5	3.4	5.2	7.5	9.9	12.7	15.6	18.5	21.3	24.4
67.5°	0.0	1.6	3.7	5.9	8.5	11.4	14.7	18.1	21.3	24.9	28.4
65°	0.0	1.8	4.1	6.7	9.6	12.9	16.8	20.5	24.4	28.4	32.6
62.5°	0.0	2.0	4.5	7.5	10.6	14.6	18.8	23.1	27.5	32.0	37.3
60°	0.0	2.1	4.8	8.2	11.6	16.2	20.7	25.8	30.6	36.1	41.8
57.5°	0.0	2.3	5.3	8.9	12.9	17.8	22.9	28.4	33.9	39.9	46.2
55°	0.0	2.4	5.7	9.6	14.1	19.3	25.0	30.9	37.2	43.7	50.4
52.5°	0.0	2.6	6.1	10.2	15.3	20.8	27.1	33.5	40.3	47.3	54.5
50°	0.0	2.7	6.5	10.8	16.5	22.5	29.1	36.1	43.4	50.7	58.4
47.5°	0.0	2.8	7.0	11.5	17.6	24.1	31.0	38.7	46.3	54.0	62.2
45°	0.0	2.9	7.3	12.3	18.6	25.6	33.1	41.1	49.0	57.4	65.9
42.5°	0.0	3.1	7.7	13.0	19.6	27.1	35.1	43.4	51.7	60.7	69.6
40°	0.0	3.2	8.1	13.8	20.7	28.5	37.0	45.6	54.3	63.8	73.1
37.5°	0.0	3.2	8.4	14.5	21.7	29.8	38.7	47.7	56.9	66.8	76.5
35°	0.0	3.3	8.8	15.2	22.7	31.1	40.4	49.7	59.3	69.5	79.8
32.5°	0.0	3.4	9.1	15.8	23.6	32.5	42.0	51.5	61.6	72.1	82.6
30°	0.0	3.5	9.4	16.4	24.5	33.7	43.5	53.3	63.6	74.5	85.2
27.5°	0.0	3.5	9.6	16.9	25.3	34.8	44.8	54.9	65.5	76.7	87.6
25°	0.0	3.6	9.9	17.4	26.1	35.8	46.1	56.4	67.3	78.6	89.6
22.5°	0.0	3.6	10.1	17.9	26.8	36.8	47.2	57.8	68.9	80.3	91.4
20°	0.0	3.7	10.3	18.3	27.5	37.6	48.2	58.9	70.3	81.8	93.0
17.5°	0.0	3.7	10.5	18.7	28.0	38.3	49.0	59.9	71.5	83.0	94.5
15°	0.0	3.7	10.7	19.0	28.5	38.8	49.7	60.8	72.6	84.0	95.7
12.5°	0.0	3.7	10.9	19.3	28.9	39.3	50.3	61.6	73.5	84.7	96.8
10°	0.0	3.8	11.0	19.5	29.3	39.6	50.7	62.3	74.1	85.6	97.8
7.5°	0.0	3.8	11.1	19.7	29.6	39.8	51.0	62.9	74.6	86.3	98.9
5°	0.0	3.7	11.1	19.8	29.7	40.0	51.2	63.3	74.9	86.8	99.9
2.5°	0.0	3.7	11.2	19.9	29.9	40.0	51.2	63.5	74.9	87.1	100.6
0°	0.0	3.7	11.2	19.9	29.9	39.9	51.1	63.6	74.8	87.2	101.0
-2.5°	0.0	3.7	11.2	19.9	29.9	40.0	51.2	63.5	74.9	87.1	100.6
-5°	0.0	3.7	11.1	19.8	29.7	40.0	51.2	63.3	74.9	86.8	99.9
-7.5°	0.0	3.8	11.1	19.7	29.6	39.8	51.0	62.9	74.6	86.3	98.9
-10°	0.0	3.8	11.0	19.5	29.3	39.6	50.7	62.3	74.1	85.6	97.8
-12.5°	0.0	3.7	10.9	19.3	28.9	39.3	50.3	61.6	73.5	84.7	96.8
-15°	0.0	3.7	10.7	19.0	28.5	38.8	49.7	60.8	72.6	84.0	95.7
-17.5°	0.0	3.7	10.5	18.7	28.0	38.3	49.0	59.9	71.5	83.0	94.5
-20°	0.0	3.7	10.3	18.3	27.5	37.6	48.2	58.9	70.3	81.8	93.0

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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	3.6	10.1	17.9	26.8	36.8	47.2	57.8	68.9	80.3	91.4
-25°	0.0	3.6	9.9	17.4	26.1	35.8	46.1	56.4	67.3	78.6	89.6
-27.5°	0.0	3.5	9.6	16.9	25.3	34.8	44.8	54.9	65.5	76.7	87.6
-30°	0.0	3.5	9.4	16.4	24.5	33.7	43.5	53.3	63.6	74.5	85.2
-32.5°	0.0	3.4	9.1	15.8	23.6	32.5	42.0	51.5	61.6	72.1	82.6
-35°	0.0	3.3	8.8	15.2	22.7	31.1	40.4	49.7	59.3	69.5	79.8
-37.5°	0.0	3.2	8.4	14.5	21.7	29.8	38.7	47.7	56.9	66.8	76.5
-40°	0.0	3.2	8.1	13.8	20.7	28.5	37.0	45.6	54.3	63.8	73.1
-42.5°	0.0	3.1	7.7	13.0	19.6	27.1	35.1	43.4	51.7	60.7	69.6
-45°	0.0	2.9	7.3	12.3	18.6	25.6	33.1	41.1	49.0	57.4	65.9
-47.5°	0.0	2.8	7.0	11.5	17.6	24.1	31.0	38.7	46.3	54.0	62.2
-50°	0.0	2.7	6.5	10.8	16.5	22.5	29.1	36.1	43.4	50.7	58.4
-52.5°	0.0	2.6	6.1	10.2	15.3	20.8	27.1	33.5	40.3	47.3	54.5
-55°	0.0	2.4	5.7	9.6	14.1	19.3	25.0	30.9	37.2	43.7	50.4
-57.5°	0.0	2.3	5.3	8.9	12.9	17.8	22.9	28.4	33.9	39.9	46.2
-60°	0.0	2.1	4.8	8.2	11.6	16.2	20.7	25.8	30.6	36.1	41.8
-62.5°	0.0	2.0	4.5	7.5	10.6	14.6	18.8	23.1	27.5	32.0	37.3
-65°	0.0	1.8	4.1	6.7	9.6	12.9	16.8	20.5	24.4	28.4	32.6
-67.5°	0.0	1.6	3.7	5.9	8.5	11.4	14.7	18.1	21.3	24.9	28.4
-70°	0.0	1.5	3.4	5.2	7.5	9.9	12.7	15.6	18.5	21.3	24.4
-72.5°	0.0	1.3	3.0	4.5	6.3	8.5	10.8	13.2	15.6	18.1	20.5
-75°	0.0	1.1	2.6	3.9	5.2	7.0	9.0	10.9	12.8	14.9	17.0
-77.5°	0.0	0.9	2.1	3.2	4.3	5.5	7.1	8.7	10.2	11.8	13.4
-80°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.5	7.7	8.9	10.1
-82.5°	0.0	0.6	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.1	7.0
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.6	6.1	6.6	7.0	7.3	7.6	8.1	8.6	9.2
82.5°	7.9	8.7	9.6	10.4	10.9	11.4	11.8	12.4	13.5	14.6	15.6
80°	11.3	12.4	13.7	15.0	16.1	17.1	18.3	19.4	20.6	21.8	22.9
77.5°	15.1	16.7	18.3	19.9	21.5	23.2	24.8	26.4	27.9	29.4	30.7
75°	19.0	21.0	23.2	25.3	27.5	29.5	31.5	33.6	35.7	37.6	39.5
72.5°	23.1	25.8	28.4	30.9	33.7	36.3	38.9	41.4	43.8	46.4	49.0
70°	27.5	30.6	34.0	37.2	40.2	43.4	46.6	49.4	52.0	55.5	59.0
67.5°	32.1	36.2	40.0	43.6	47.7	51.5	54.7	58.2	61.9	65.9	69.5
65°	37.4	41.8	46.3	50.9	55.6	59.5	63.6	67.9	72.1	76.2	80.0
62.5°	42.6	47.7	52.8	57.8	62.6	67.3	72.2	77.1	81.8	86.4	90.6
60°	47.7	53.4	58.8	64.1	69.5	75.4	80.9	86.2	91.8	97.0	99.8
57.5°	52.6	58.7	64.4	70.2	76.7	83.3	89.0	95.1	99.8	103.5	107.1
55°	57.3	63.6	69.7	76.4	83.4	90.2	96.6	102.0	106.4	109.8	113.6
52.5°	61.6	68.2	75.0	82.2	89.6	96.9	103.6	108.7	112.6	116.1	119.7
50°	65.8	72.8	79.9	87.9	95.8	103.6	110.1	114.8	118.5	122.0	125.7
47.5°	70.0	77.3	85.0	93.5	102.1	109.6	115.8	120.0	123.7	127.9	131.9
45°	74.1	82.0	90.1	99.2	107.9	115.1	120.4	124.6	129.3	133.8	138.1
42.5°	78.0	86.7	95.4	104.9	113.2	119.8	124.6	129.7	134.7	139.5	144.3
40°	82.1	91.1	100.4	109.8	118.2	123.8	129.0	134.4	140.0	145.1	150.5
37.5°	85.9	95.3	104.9	114.4	122.0	127.7	133.1	139.1	144.9	150.5	157.5
35°	89.6	99.1	108.7	117.9	125.3	131.2	137.2	143.5	149.6	156.9	164.9
32.5°	92.9	102.5	112.3	120.8	128.0	134.4	141.2	147.7	155.1	163.3	173.0
30°	95.7	105.5	115.3	123.7	130.7	137.4	144.8	152.0	160.6	170.6	182.0
27.5°	98.1	108.1	117.7	126.1	133.2	139.9	147.7	156.7	166.6	177.8	191.3
25°	100.3	110.8	120.0	128.3	135.2	142.2	150.5	160.6	172.5	186.0	202.4
22.5°	102.5	113.4	122.3	130.4	136.8	144.4	153.7	164.7	177.6	193.4	213.4
20°	104.5	115.4	124.1	132.0	138.0	146.3	156.5	168.2	182.9	201.8	224.9
17.5°	106.4	117.1	125.6	133.0	139.5	148.3	159.0	171.2	187.6	209.4	235.5
15°	108.1	118.5	126.7	133.8	141.0	150.4	161.6	174.8	192.7	216.6	244.8
12.5°	109.6	119.6	127.6	134.4	142.1	152.1	163.9	178.5	198.2	223.7	256.7
10°	110.9	120.4	128.2	134.8	142.9	153.4	165.8	181.6	202.5	229.3	265.8
7.5°	112.0	121.1	128.7	135.1	143.5	154.3	167.3	183.9	205.6	233.2	272.4
5°	112.8	121.7	129.2	135.9	144.3	155.0	168.4	185.5	207.4	235.6	276.5
2.5°	113.3	122.0	129.5	136.6	145.2	155.6	169.2	187.2	208.9	237.8	279.7
0°	113.4	122.1	129.6	137.1	145.8	155.8	169.5	188.2	209.4	239.3	281.7
-2.5°	113.3	122.0	129.5	136.6	145.2	155.6	169.2	187.2	208.9	237.8	279.7
-5°	112.8	121.7	129.2	135.9	144.3	155.0	168.4	185.5	207.4	235.6	276.5
-7.5°	112.0	121.1	128.7	135.1	143.5	154.3	167.3	183.9	205.6	233.2	272.4
-10°	110.9	120.4	128.2	134.8	142.9	153.4	165.8	181.6	202.5	229.3	265.8
-12.5°	109.6	119.6	127.6	134.4	142.1	152.1	163.9	178.5	198.2	223.7	256.7
-15°	108.1	118.5	126.7	133.8	141.0	150.4	161.6	174.8	192.7	216.6	244.8
-17.5°	106.4	117.1	125.6	133.0	139.5	148.3	159.0	171.2	187.6	209.4	235.5
-20°	104.5	115.4	124.1	132.0	138.0	146.3	156.5	168.2	182.9	201.8	224.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	102.5	113.4	122.3	130.4	136.8	144.4	153.7	164.7	177.6	193.4	213.4
-25°	100.3	110.8	120.0	128.3	135.2	142.2	150.5	160.6	172.5	186.0	202.4
-27.5°	98.1	108.1	117.7	126.1	133.2	139.9	147.7	156.7	166.6	177.8	191.3
-30°	95.7	105.5	115.3	123.7	130.7	137.4	144.8	152.0	160.6	170.6	182.0
-32.5°	92.9	102.5	112.3	120.8	128.0	134.4	141.2	147.7	155.1	163.3	173.0
-35°	89.6	99.1	108.7	117.9	125.3	131.2	137.2	143.5	149.6	156.9	164.9
-37.5°	85.9	95.3	104.9	114.4	122.0	127.7	133.1	139.1	144.9	150.5	157.5
-40°	82.1	91.1	100.4	109.8	118.2	123.8	129.0	134.4	140.0	145.1	150.5
-42.5°	78.0	86.7	95.4	104.9	113.2	119.8	124.6	129.7	134.7	139.5	144.3
-45°	74.1	82.0	90.1	99.2	107.9	115.1	120.4	124.6	129.3	133.8	138.1
-47.5°	70.0	77.3	85.0	93.5	102.1	109.6	115.8	120.0	123.7	127.9	131.9
-50°	65.8	72.8	79.9	87.9	95.8	103.6	110.1	114.8	118.5	122.0	125.7
-52.5°	61.6	68.2	75.0	82.2	89.6	96.9	103.6	108.7	112.6	116.1	119.7
-55°	57.3	63.6	69.7	76.4	83.4	90.2	96.6	102.0	106.4	109.8	113.6
-57.5°	52.6	58.7	64.4	70.2	76.7	83.3	89.0	95.1	99.8	103.5	107.1
-60°	47.7	53.4	58.8	64.1	69.5	75.4	80.9	86.2	91.8	97.0	99.8
-62.5°	42.6	47.7	52.8	57.8	62.6	67.3	72.2	77.1	81.8	86.4	90.6
-65°	37.4	41.8	46.3	50.9	55.6	59.5	63.6	67.9	72.1	76.2	80.0
-67.5°	32.1	36.2	40.0	43.6	47.7	51.5	54.7	58.2	61.9	65.9	69.5
-70°	27.5	30.6	34.0	37.2	40.2	43.4	46.6	49.4	52.0	55.5	59.0
-72.5°	23.1	25.8	28.4	30.9	33.7	36.3	38.9	41.4	43.8	46.4	49.0
-75°	19.0	21.0	23.2	25.3	27.5	29.5	31.5	33.6	35.7	37.6	39.5
-77.5°	15.1	16.7	18.3	19.9	21.5	23.2	24.8	26.4	27.9	29.4	30.7
-80°	11.3	12.4	13.7	15.0	16.1	17.1	18.3	19.4	20.6	21.8	22.9
-82.5°	7.9	8.7	9.6	10.4	10.9	11.4	11.8	12.4	13.5	14.6	15.6
-85°	4.6	5.0	5.6	6.1	6.6	7.0	7.3	7.6	8.1	8.6	9.2
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-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: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.6	4.3
85°	9.8	10.1	10.5	10.8	11.1	11.4	11.6	11.8	12.0	11.8	11.6
82.5°	16.4	17.1	17.7	18.2	18.7	19.2	19.6	20.0	20.3	20.3	20.2
80°	23.9	25.0	26.1	27.1	28.1	28.8	29.2	29.6	29.8	29.9	30.0
77.5°	32.2	33.8	35.5	37.2	38.9	39.8	40.5	41.1	41.5	41.6	41.5
75°	41.2	43.4	45.7	47.8	49.6	50.6	51.4	52.0	52.5	52.7	52.6
72.5°	51.8	54.4	56.6	58.3	59.8	61.0	61.9	62.7	63.4	63.7	63.7
70°	62.2	64.8	66.8	68.6	70.0	71.3	72.4	73.4	74.2	74.8	75.2
67.5°	72.7	75.7	77.8	79.4	80.6	81.9	83.4	84.8	85.8	86.6	86.9
65°	83.6	86.7	88.7	90.4	91.9	93.6	95.3	96.5	97.3	97.8	98.2
62.5°	94.1	96.9	99.4	101.8	104.0	105.8	107.0	108.0	108.9	109.7	110.2
60°	103.1	106.7	109.5	111.8	113.9	116.0	117.4	118.6	119.5	120.1	120.5
57.5°	110.8	114.5	117.8	120.0	122.3	124.8	126.5	127.4	128.3	129.0	129.4
55°	117.5	120.9	123.9	126.9	129.6	131.9	133.6	134.9	135.9	136.8	137.1
52.5°	123.5	127.3	130.9	134.0	136.6	138.7	140.4	142.0	143.3	144.1	144.5
50°	129.9	133.9	137.8	141.2	143.8	146.3	148.4	150.3	152.1	153.5	154.5
47.5°	136.1	140.4	144.6	148.4	151.6	155.1	158.3	161.0	163.6	165.7	167.1
45°	142.4	147.4	152.0	156.8	161.2	165.8	170.1	173.7	177.5	180.4	182.3
42.5°	149.4	155.1	160.6	166.6	172.5	178.5	185.0	190.8	195.3	199.5	202.9
40°	156.9	163.3	170.6	178.0	186.7	194.6	203.3	210.8	217.5	224.7	230.4
37.5°	164.9	173.0	182.4	192.3	203.6	214.5	225.8	237.0	246.8	258.2	267.0
35°	173.8	184.5	196.1	209.6	223.6	239.2	254.7	272.6	288.1	305.1	319.9
32.5°	184.2	197.1	212.4	230.1	248.1	271.7	293.6	322.2	346.9	373.9	401.1
30°	195.0	211.8	231.5	253.8	282.5	314.9	350.9	393.5	437.3	479.7	530.9
27.5°	208.4	228.6	252.5	285.1	327.3	371.0	433.0	496.9	577.5	644.1	738.0
25°	222.2	246.0	279.9	324.3	379.4	455.3	549.4	651.4	793.2	917.7	1063.8
22.5°	237.3	269.4	311.7	366.4	449.9	566.4	708.9	901.0	1110.1	1332.1	1552.9
20°	253.0	291.9	347.3	426.6	541.2	699.0	943.6	1240.1	1538.8	1905.2	2229.5
17.5°	271.2	320.7	389.0	488.1	641.1	882.8	1222.2	1636.0	2099.5	2626.2	3093.8
15°	286.4	345.4	431.5	570.3	780.7	1091.1	1519.0	2088.4	2784.8	3492.2	4209.9
12.5°	304.0	372.2	473.4	638.9	903.1	1315.6	1898.2	2618.8	3488.6	4469.7	5626.4
10°	319.6	398.5	524.4	729.2	1052.1	1549.8	2256.8	3123.8	4246.2	5657.9	7449.1
7.5°	331.2	419.5	563.7	798.0	1180.9	1774.9	2595.6	3676.7	5103.0	6967.1	9425.3
5°	338.7	434.7	591.5	851.0	1281.7	1942.5	2844.0	4068.9	5789.6	8426.1	12588.8
2.5°	343.2	443.7	607.4	882.1	1343.1	2053.5	3032.9	4365.4	6234.6	9327.7	14623.5
0°	345.2	446.2	616.9	898.6	1363.5	2096.4	3119.6	4500.6	6433.7	9538.4	14981.2
-2.5°	343.2	443.7	607.4	882.1	1343.1	2053.5	3032.9	4365.4	6234.6	9327.7	14623.5
-5°	338.7	434.7	591.5	851.0	1281.7	1942.5	2844.0	4068.9	5789.6	8426.1	12588.8
-7.5°	331.2	419.5	563.7	798.0	1180.9	1774.9	2595.6	3676.7	5103.0	6967.1	9425.3
-10°	319.6	398.5	524.4	729.2	1052.1	1549.8	2256.8	3123.8	4246.2	5657.9	7449.1
-12.5°	304.0	372.2	473.4	638.9	903.1	1315.6	1898.2	2618.8	3488.6	4469.7	5626.4
-15°	286.4	345.4	431.5	570.3	780.7	1091.1	1519.0	2088.4	2784.8	3492.2	4209.9
-17.5°	271.2	320.7	389.0	488.1	641.1	882.8	1222.2	1636.0	2099.5	2626.2	3093.8
-20°	253.0	291.9	347.3	426.6	541.2	699.0	943.6	1240.1	1538.8	1905.2	2229.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	237.3	269.4	311.7	366.4	449.9	566.4	708.9	901.0	1110.1	1332.1	1552.9
-25°	222.2	246.0	279.9	324.3	379.4	455.3	549.4	651.4	793.2	917.7	1063.8
-27.5°	208.4	228.6	252.5	285.1	327.3	371.0	433.0	496.9	577.5	644.1	738.0
-30°	195.0	211.8	231.5	253.8	282.5	314.9	350.9	393.5	437.3	479.7	530.9
-32.5°	184.2	197.1	212.4	230.1	248.1	271.7	293.6	322.2	346.9	373.9	401.1
-35°	173.8	184.5	196.1	209.6	223.6	239.2	254.7	272.6	288.1	305.1	319.9
-37.5°	164.9	173.0	182.4	192.3	203.6	214.5	225.8	237.0	246.8	258.2	267.0
-40°	156.9	163.3	170.6	178.0	186.7	194.6	203.3	210.8	217.5	224.7	230.4
-42.5°	149.4	155.1	160.6	166.6	172.5	178.5	185.0	190.8	195.3	199.5	202.9
-45°	142.4	147.4	152.0	156.8	161.2	165.8	170.1	173.7	177.5	180.4	182.3
-47.5°	136.1	140.4	144.6	148.4	151.6	155.1	158.3	161.0	163.6	165.7	167.1
-50°	129.9	133.9	137.8	141.2	143.8	146.3	148.4	150.3	152.1	153.5	154.5
-52.5°	123.5	127.3	130.9	134.0	136.6	138.7	140.4	142.0	143.3	144.1	144.5
-55°	117.5	120.9	123.9	126.9	129.6	131.9	133.6	134.9	135.9	136.8	137.1
-57.5°	110.8	114.5	117.8	120.0	122.3	124.8	126.5	127.4	128.3	129.0	129.4
-60°	103.1	106.7	109.5	111.8	113.9	116.0	117.4	118.6	119.5	120.1	120.5
-62.5°	94.1	96.9	99.4	101.8	104.0	105.8	107.0	108.0	108.9	109.7	110.2
-65°	83.6	86.7	88.7	90.4	91.9	93.6	95.3	96.5	97.3	97.8	98.2
-67.5°	72.7	75.7	77.8	79.4	80.6	81.9	83.4	84.8	85.8	86.6	86.9
-70°	62.2	64.8	66.8	68.6	70.0	71.3	72.4	73.4	74.2	74.8	75.2
-72.5°	51.8	54.4	56.6	58.3	59.8	61.0	61.9	62.7	63.4	63.7	63.7
-75°	41.2	43.4	45.7	47.8	49.6	50.6	51.4	52.0	52.5	52.7	52.6
-77.5°	32.2	33.8	35.5	37.2	38.9	39.8	40.5	41.1	41.5	41.6	41.5
-80°	23.9	25.0	26.1	27.1	28.1	28.8	29.2	29.6	29.8	29.9	30.0
-82.5°	16.4	17.1	17.7	18.2	18.7	19.2	19.6	20.0	20.3	20.3	20.2
-85°	9.8	10.1	10.5	10.8	11.1	11.4	11.6	11.8	12.0	11.8	11.6
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.6	4.3
-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: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.8	4.8
85°	11.4	11.1	11.2	11.2	11.2	11.1	11.4	11.6	11.8	12.0	11.8
82.5°	20.0	19.8	19.9	19.9	19.9	19.8	20.0	20.2	20.3	20.3	20.0
80°	29.9	29.8	29.3	28.7	29.3	29.8	29.9	30.0	29.9	29.8	29.6
77.5°	41.3	40.9	40.5	39.9	40.5	40.9	41.3	41.5	41.6	41.5	41.1
75°	52.4	52.1	52.2	52.3	52.2	52.1	52.4	52.6	52.7	52.5	52.0
72.5°	63.6	63.3	63.5	63.6	63.5	63.3	63.6	63.7	63.7	63.4	62.7
70°	75.5	75.6	75.3	74.8	75.3	75.6	75.5	75.2	74.8	74.2	73.4
67.5°	87.0	86.9	86.5	86.0	86.5	86.9	87.0	86.9	86.6	85.8	84.8
65°	98.3	98.2	98.4	98.5	98.4	98.2	98.3	98.2	97.8	97.3	96.5
62.5°	110.5	110.5	110.2	109.7	110.2	110.5	110.5	110.2	109.7	108.9	108.0
60°	120.7	120.6	120.3	119.7	120.3	120.6	120.7	120.5	120.1	119.5	118.6
57.5°	129.5	129.3	129.0	128.4	129.0	129.3	129.5	129.4	129.0	128.3	127.4
55°	137.1	136.9	136.5	135.9	136.5	136.9	137.1	137.1	136.8	135.9	134.9
52.5°	144.6	144.4	144.5	144.6	144.5	144.4	144.6	144.5	144.1	143.3	142.0
50°	155.2	155.4	155.2	154.5	155.2	155.4	155.2	154.5	153.5	152.1	150.3
47.5°	167.8	167.9	167.6	167.0	167.6	167.9	167.8	167.1	165.7	163.6	161.0
45°	183.8	184.7	185.0	184.5	185.0	184.7	183.8	182.3	180.4	177.5	173.7
42.5°	205.5	206.8	207.3	206.9	207.3	206.8	205.5	202.9	199.5	195.3	190.8
40°	233.8	235.5	235.8	235.6	235.8	235.5	233.8	230.4	224.7	217.5	210.8
37.5°	273.2	277.1	278.9	279.2	278.9	277.1	273.2	267.0	258.2	246.8	237.0
35°	331.2	339.0	343.2	345.2	343.2	339.0	331.2	319.9	305.1	288.1	272.6
32.5°	421.7	437.3	446.0	445.0	446.0	437.3	421.7	401.1	373.9	346.9	322.2
30°	569.5	596.8	610.6	607.0	610.6	596.8	569.5	530.9	479.7	437.3	393.5
27.5°	805.5	855.1	883.7	879.9	883.7	855.1	805.5	738.0	644.1	577.5	496.9
25°	1186.0	1276.4	1334.2	1319.9	1334.2	1276.4	1186.0	1063.8	917.7	793.2	651.4
22.5°	1764.7	1917.8	2019.1	2006.6	2019.1	1917.8	1764.7	1552.9	1332.1	1110.1	901.0
20°	2558.5	2791.6	2958.0	2980.0	2958.0	2791.6	2558.5	2229.5	1905.2	1538.8	1240.1
17.5°	3599.0	3968.6	4225.9	4268.8	4225.9	3968.6	3599.0	3093.8	2626.2	2099.5	1636.0
15°	4951.3	5555.4	5992.6	6028.6	5992.6	5555.4	4951.3	4209.9	3492.2	2784.8	2088.4
12.5°	6787.5	8002.5	8795.4	9144.5	8795.4	8002.5	6787.5	5626.4	4469.7	3488.6	2618.8
10°	9328.8	12119.5	13906.7	14578.7	13906.7	12119.5	9328.8	7449.1	5657.9	4246.2	3123.8
7.5°	13573.4	17954.9	22826.1	24902.3	22826.1	17954.9	13573.4	9425.3	6967.1	5103.0	3676.7
5°	18380.1	27473.6	36123.2	39500.9	36123.2	27473.6	18380.1	12588.8	8426.1	5789.6	4068.9
2.5°	23438.0	36113.1	47990.6	52635.7	47990.6	36113.1	23438.0	14623.5	9327.7	6234.6	4365.4
0°	25413.3	39896.0	52964.0	58172.6	52964.0	39896.0	25413.3	14981.2	9538.4	6433.7	4500.6
-2.5°	23438.0	36113.1	47990.6	52635.7	47990.6	36113.1	23438.0	14623.5	9327.7	6234.6	4365.4
-5°	18380.1	27473.6	36123.2	39500.9	36123.2	27473.6	18380.1	12588.8	8426.1	5789.6	4068.9
-7.5°	13573.4	17954.9	22826.1	24902.3	22826.1	17954.9	13573.4	9425.3	6967.1	5103.0	3676.7
-10°	9328.8	12119.5	13906.7	14578.7	13906.7	12119.5	9328.8	7449.1	5657.9	4246.2	3123.8
-12.5°	6787.5	8002.5	8795.4	9144.5	8795.4	8002.5	6787.5	5626.4	4469.7	3488.6	2618.8
-15°	4951.3	5555.4	5992.6	6028.6	5992.6	5555.4	4951.3	4209.9	3492.2	2784.8	2088.4
-17.5°	3599.0	3968.6	4225.9	4268.8	4225.9	3968.6	3599.0	3093.8	2626.2	2099.5	1636.0
-20°	2558.5	2791.6	2958.0	2980.0	2958.0	2791.6	2558.5	2229.5	1905.2	1538.8	1240.1



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	1764.7	1917.8	2019.1	2006.6	2019.1	1917.8	1764.7	1552.9	1332.1	1110.1	901.0
-25°	1186.0	1276.4	1334.2	1319.9	1334.2	1276.4	1186.0	1063.8	917.7	793.2	651.4
-27.5°	805.5	855.1	883.7	879.9	883.7	855.1	805.5	738.0	644.1	577.5	496.9
-30°	569.5	596.8	610.6	607.0	610.6	596.8	569.5	530.9	479.7	437.3	393.5
-32.5°	421.7	437.3	446.0	445.0	446.0	437.3	421.7	401.1	373.9	346.9	322.2
-35°	331.2	339.0	343.2	345.2	343.2	339.0	331.2	319.9	305.1	288.1	272.6
-37.5°	273.2	277.1	278.9	279.2	278.9	277.1	273.2	267.0	258.2	246.8	237.0
-40°	233.8	235.5	235.8	235.6	235.8	235.5	233.8	230.4	224.7	217.5	210.8
-42.5°	205.5	206.8	207.3	206.9	207.3	206.8	205.5	202.9	199.5	195.3	190.8
-45°	183.8	184.7	185.0	184.5	185.0	184.7	183.8	182.3	180.4	177.5	173.7
-47.5°	167.8	167.9	167.6	167.0	167.6	167.9	167.8	167.1	165.7	163.6	161.0
-50°	155.2	155.4	155.2	154.5	155.2	155.4	155.2	154.5	153.5	152.1	150.3
-52.5°	144.6	144.4	144.5	144.6	144.5	144.4	144.6	144.5	144.1	143.3	142.0
-55°	137.1	136.9	136.5	135.9	136.5	136.9	137.1	137.1	136.8	135.9	134.9
-57.5°	129.5	129.3	129.0	128.4	129.0	129.3	129.5	129.4	129.0	128.3	127.4
-60°	120.7	120.6	120.3	119.7	120.3	120.6	120.7	120.5	120.1	119.5	118.6
-62.5°	110.5	110.5	110.2	109.7	110.2	110.5	110.5	110.2	109.7	108.9	108.0
-65°	98.3	98.2	98.4	98.5	98.4	98.2	98.3	98.2	97.8	97.3	96.5
-67.5°	87.0	86.9	86.5	86.0	86.5	86.9	87.0	86.9	86.6	85.8	84.8
-70°	75.5	75.6	75.3	74.8	75.3	75.6	75.5	75.2	74.8	74.2	73.4
-72.5°	63.6	63.3	63.5	63.6	63.5	63.3	63.6	63.7	63.7	63.4	62.7
-75°	52.4	52.1	52.2	52.3	52.2	52.1	52.4	52.6	52.7	52.5	52.0
-77.5°	41.3	40.9	40.5	39.9	40.5	40.9	41.3	41.5	41.6	41.5	41.1
-80°	29.9	29.8	29.3	28.7	29.3	29.8	29.9	30.0	29.9	29.8	29.6
-82.5°	20.0	19.8	19.9	19.9	19.9	19.8	20.0	20.2	20.3	20.3	20.0
-85°	11.4	11.1	11.2	11.2	11.2	11.1	11.4	11.6	11.8	12.0	11.8
-87.5°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6	4.8	4.8
-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: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-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°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	11.6	11.4	11.1	10.8	10.5	10.1	9.8	9.2	8.6	8.1	7.6
82.5°	19.6	19.2	18.7	18.2	17.7	17.1	16.4	15.6	14.6	13.5	12.4
80°	29.2	28.8	28.1	27.1	26.1	25.0	23.9	22.9	21.8	20.6	19.4
77.5°	40.5	39.8	38.9	37.2	35.5	33.8	32.2	30.7	29.4	27.9	26.4
75°	51.4	50.6	49.6	47.8	45.7	43.4	41.2	39.5	37.6	35.7	33.6
72.5°	61.9	61.0	59.8	58.3	56.6	54.4	51.8	49.0	46.4	43.8	41.4
70°	72.4	71.3	70.0	68.6	66.8	64.8	62.2	59.0	55.5	52.0	49.4
67.5°	83.4	81.9	80.6	79.4	77.8	75.7	72.7	69.5	65.9	61.9	58.2
65°	95.3	93.6	91.9	90.4	88.7	86.7	83.6	80.0	76.2	72.1	67.9
62.5°	107.0	105.8	104.0	101.8	99.4	96.9	94.1	90.6	86.4	81.8	77.1
60°	117.4	116.0	113.9	111.8	109.5	106.7	103.1	99.8	97.0	91.8	86.2
57.5°	126.5	124.8	122.3	120.0	117.8	114.5	110.8	107.1	103.5	99.8	95.1
55°	133.6	131.9	129.6	126.9	123.9	120.9	117.5	113.6	109.8	106.4	102.0
52.5°	140.4	138.7	136.6	134.0	130.9	127.3	123.5	119.7	116.1	112.6	108.7
50°	148.4	146.3	143.8	141.2	137.8	133.9	129.9	125.7	122.0	118.5	114.8
47.5°	158.3	155.1	151.6	148.4	144.6	140.4	136.1	131.9	127.9	123.7	120.0
45°	170.1	165.8	161.2	156.8	152.0	147.4	142.4	138.1	133.8	129.3	124.6
42.5°	185.0	178.5	172.5	166.6	160.6	155.1	149.4	144.3	139.5	134.7	129.7
40°	203.3	194.6	186.7	178.0	170.6	163.3	156.9	150.5	145.1	140.0	134.4
37.5°	225.8	214.5	203.6	192.3	182.4	173.0	164.9	157.5	150.5	144.9	139.1
35°	254.7	239.2	223.6	209.6	196.1	184.5	173.8	164.9	156.9	149.6	143.5
32.5°	293.6	271.7	248.1	230.1	212.4	197.1	184.2	173.0	163.3	155.1	147.7
30°	350.9	314.9	282.5	253.8	231.5	211.8	195.0	182.0	170.6	160.6	152.0
27.5°	433.0	371.0	327.3	285.1	252.5	228.6	208.4	191.3	177.8	166.6	156.7
25°	549.4	455.3	379.4	324.3	279.9	246.0	222.2	202.4	186.0	172.5	160.6
22.5°	708.9	566.4	449.9	366.4	311.7	269.4	237.3	213.4	193.4	177.6	164.7
20°	943.6	699.0	541.2	426.6	347.3	291.9	253.0	224.9	201.8	182.9	168.2
17.5°	1222.2	882.8	641.1	488.1	389.0	320.7	271.2	235.5	209.4	187.6	171.2
15°	1519.0	1091.1	780.7	570.3	431.5	345.4	286.4	244.8	216.6	192.7	174.8
12.5°	1898.2	1315.6	903.1	638.9	473.4	372.2	304.0	256.7	223.7	198.2	178.5
10°	2256.8	1549.8	1052.1	729.2	524.4	398.5	319.6	265.8	229.3	202.5	181.6
7.5°	2595.6	1774.9	1180.9	798.0	563.7	419.5	331.2	272.4	233.2	205.6	183.9
5°	2844.0	1942.5	1281.7	851.0	591.5	434.7	338.7	276.5	235.6	207.4	185.5
2.5°	3032.9	2053.5	1343.1	882.1	607.4	443.7	343.2	279.7	237.8	208.9	187.2
0°	3119.6	2096.4	1363.5	898.6	616.9	446.2	345.2	281.7	239.3	209.4	188.2
-2.5°	3032.9	2053.5	1343.1	882.1	607.4	443.7	343.2	279.7	237.8	208.9	187.2
-5°	2844.0	1942.5	1281.7	851.0	591.5	434.7	338.7	276.5	235.6	207.4	185.5
-7.5°	2595.6	1774.9	1180.9	798.0	563.7	419.5	331.2	272.4	233.2	205.6	183.9
-10°	2256.8	1549.8	1052.1	729.2	524.4	398.5	319.6	265.8	229.3	202.5	181.6
-12.5°	1898.2	1315.6	903.1	638.9	473.4	372.2	304.0	256.7	223.7	198.2	178.5
-15°	1519.0	1091.1	780.7	570.3	431.5	345.4	286.4	244.8	216.6	192.7	174.8
-17.5°	1222.2	882.8	641.1	488.1	389.0	320.7	271.2	235.5	209.4	187.6	171.2
-20°	943.6	699.0	541.2	426.6	347.3	291.9	253.0	224.9	201.8	182.9	168.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	708.9	566.4	449.9	366.4	311.7	269.4	237.3	213.4	193.4	177.6	164.7
-25°	549.4	455.3	379.4	324.3	279.9	246.0	222.2	202.4	186.0	172.5	160.6
-27.5°	433.0	371.0	327.3	285.1	252.5	228.6	208.4	191.3	177.8	166.6	156.7
-30°	350.9	314.9	282.5	253.8	231.5	211.8	195.0	182.0	170.6	160.6	152.0
-32.5°	293.6	271.7	248.1	230.1	212.4	197.1	184.2	173.0	163.3	155.1	147.7
-35°	254.7	239.2	223.6	209.6	196.1	184.5	173.8	164.9	156.9	149.6	143.5
-37.5°	225.8	214.5	203.6	192.3	182.4	173.0	164.9	157.5	150.5	144.9	139.1
-40°	203.3	194.6	186.7	178.0	170.6	163.3	156.9	150.5	145.1	140.0	134.4
-42.5°	185.0	178.5	172.5	166.6	160.6	155.1	149.4	144.3	139.5	134.7	129.7
-45°	170.1	165.8	161.2	156.8	152.0	147.4	142.4	138.1	133.8	129.3	124.6
-47.5°	158.3	155.1	151.6	148.4	144.6	140.4	136.1	131.9	127.9	123.7	120.0
-50°	148.4	146.3	143.8	141.2	137.8	133.9	129.9	125.7	122.0	118.5	114.8
-52.5°	140.4	138.7	136.6	134.0	130.9	127.3	123.5	119.7	116.1	112.6	108.7
-55°	133.6	131.9	129.6	126.9	123.9	120.9	117.5	113.6	109.8	106.4	102.0
-57.5°	126.5	124.8	122.3	120.0	117.8	114.5	110.8	107.1	103.5	99.8	95.1
-60°	117.4	116.0	113.9	111.8	109.5	106.7	103.1	99.8	97.0	91.8	86.2
-62.5°	107.0	105.8	104.0	101.8	99.4	96.9	94.1	90.6	86.4	81.8	77.1
-65°	95.3	93.6	91.9	90.4	88.7	86.7	83.6	80.0	76.2	72.1	67.9
-67.5°	83.4	81.9	80.6	79.4	77.8	75.7	72.7	69.5	65.9	61.9	58.2
-70°	72.4	71.3	70.0	68.6	66.8	64.8	62.2	59.0	55.5	52.0	49.4
-72.5°	61.9	61.0	59.8	58.3	56.6	54.4	51.8	49.0	46.4	43.8	41.4
-75°	51.4	50.6	49.6	47.8	45.7	43.4	41.2	39.5	37.6	35.7	33.6
-77.5°	40.5	39.8	38.9	37.2	35.5	33.8	32.2	30.7	29.4	27.9	26.4
-80°	29.2	28.8	28.1	27.1	26.1	25.0	23.9	22.9	21.8	20.6	19.4
-82.5°	19.6	19.2	18.7	18.2	17.7	17.1	16.4	15.6	14.6	13.5	12.4
-85°	11.6	11.4	11.1	10.8	10.5	10.1	9.8	9.2	8.6	8.1	7.6
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
85°	7.3	7.0	6.6	6.1	5.6	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	11.8	11.4	10.9	10.4	9.6	8.7	7.9	7.0	6.1	5.2	4.5
80°	18.3	17.1	16.1	15.0	13.7	12.4	11.3	10.1	8.9	7.7	6.5
77.5°	24.8	23.2	21.5	19.9	18.3	16.7	15.1	13.4	11.8	10.2	8.7
75°	31.5	29.5	27.5	25.3	23.2	21.0	19.0	17.0	14.9	12.8	10.9
72.5°	38.9	36.3	33.7	30.9	28.4	25.8	23.1	20.5	18.1	15.6	13.2
70°	46.6	43.4	40.2	37.2	34.0	30.6	27.5	24.4	21.3	18.5	15.6
67.5°	54.7	51.5	47.7	43.6	40.0	36.2	32.1	28.4	24.9	21.3	18.1
65°	63.6	59.5	55.6	50.9	46.3	41.8	37.4	32.6	28.4	24.4	20.5
62.5°	72.2	67.3	62.6	57.8	52.8	47.7	42.6	37.3	32.0	27.5	23.1
60°	80.9	75.4	69.5	64.1	58.8	53.4	47.7	41.8	36.1	30.6	25.8
57.5°	89.0	83.3	76.7	70.2	64.4	58.7	52.6	46.2	39.9	33.9	28.4
55°	96.6	90.2	83.4	76.4	69.7	63.6	57.3	50.4	43.7	37.2	30.9
52.5°	103.6	96.9	89.6	82.2	75.0	68.2	61.6	54.5	47.3	40.3	33.5
50°	110.1	103.6	95.8	87.9	79.9	72.8	65.8	58.4	50.7	43.4	36.1
47.5°	115.8	109.6	102.1	93.5	85.0	77.3	70.0	62.2	54.0	46.3	38.7
45°	120.4	115.1	107.9	99.2	90.1	82.0	74.1	65.9	57.4	49.0	41.1
42.5°	124.6	119.8	113.2	104.9	95.4	86.7	78.0	69.6	60.7	51.7	43.4
40°	129.0	123.8	118.2	109.8	100.4	91.1	82.1	73.1	63.8	54.3	45.6
37.5°	133.1	127.7	122.0	114.4	104.9	95.3	85.9	76.5	66.8	56.9	47.7
35°	137.2	131.2	125.3	117.9	108.7	99.1	89.6	79.8	69.5	59.3	49.7
32.5°	141.2	134.4	128.0	120.8	112.3	102.5	92.9	82.6	72.1	61.6	51.5
30°	144.8	137.4	130.7	123.7	115.3	105.5	95.7	85.2	74.5	63.6	53.3
27.5°	147.7	139.9	133.2	126.1	117.7	108.1	98.1	87.6	76.7	65.5	54.9
25°	150.5	142.2	135.2	128.3	120.0	110.8	100.3	89.6	78.6	67.3	56.4
22.5°	153.7	144.4	136.8	130.4	122.3	113.4	102.5	91.4	80.3	68.9	57.8
20°	156.5	146.3	138.0	132.0	124.1	115.4	104.5	93.0	81.8	70.3	58.9
17.5°	159.0	148.3	139.5	133.0	125.6	117.1	106.4	94.5	83.0	71.5	59.9
15°	161.6	150.4	141.0	133.8	126.7	118.5	108.1	95.7	84.0	72.6	60.8
12.5°	163.9	152.1	142.1	134.4	127.6	119.6	109.6	96.8	84.7	73.5	61.6
10°	165.8	153.4	142.9	134.8	128.2	120.4	110.9	97.8	85.6	74.1	62.3
7.5°	167.3	154.3	143.5	135.1	128.7	121.1	112.0	98.9	86.3	74.6	62.9
5°	168.4	155.0	144.3	135.9	129.2	121.7	112.8	99.9	86.8	74.9	63.3
2.5°	169.2	155.6	145.2	136.6	129.5	122.0	113.3	100.6	87.1	74.9	63.5
0°	169.5	155.8	145.8	137.1	129.6	122.1	113.4	101.0	87.2	74.8	63.6
-2.5°	169.2	155.6	145.2	136.6	129.5	122.0	113.3	100.6	87.1	74.9	63.5
-5°	168.4	155.0	144.3	135.9	129.2	121.7	112.8	99.9	86.8	74.9	63.3
-7.5°	167.3	154.3	143.5	135.1	128.7	121.1	112.0	98.9	86.3	74.6	62.9
-10°	165.8	153.4	142.9	134.8	128.2	120.4	110.9	97.8	85.6	74.1	62.3
-12.5°	163.9	152.1	142.1	134.4	127.6	119.6	109.6	96.8	84.7	73.5	61.6
-15°	161.6	150.4	141.0	133.8	126.7	118.5	108.1	95.7	84.0	72.6	60.8
-17.5°	159.0	148.3	139.5	133.0	125.6	117.1	106.4	94.5	83.0	71.5	59.9
-20°	156.5	146.3	138.0	132.0	124.1	115.4	104.5	93.0	81.8	70.3	58.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	153.7	144.4	136.8	130.4	122.3	113.4	102.5	91.4	80.3	68.9	57.8
-25°	150.5	142.2	135.2	128.3	120.0	110.8	100.3	89.6	78.6	67.3	56.4
-27.5°	147.7	139.9	133.2	126.1	117.7	108.1	98.1	87.6	76.7	65.5	54.9
-30°	144.8	137.4	130.7	123.7	115.3	105.5	95.7	85.2	74.5	63.6	53.3
-32.5°	141.2	134.4	128.0	120.8	112.3	102.5	92.9	82.6	72.1	61.6	51.5
-35°	137.2	131.2	125.3	117.9	108.7	99.1	89.6	79.8	69.5	59.3	49.7
-37.5°	133.1	127.7	122.0	114.4	104.9	95.3	85.9	76.5	66.8	56.9	47.7
-40°	129.0	123.8	118.2	109.8	100.4	91.1	82.1	73.1	63.8	54.3	45.6
-42.5°	124.6	119.8	113.2	104.9	95.4	86.7	78.0	69.6	60.7	51.7	43.4
-45°	120.4	115.1	107.9	99.2	90.1	82.0	74.1	65.9	57.4	49.0	41.1
-47.5°	115.8	109.6	102.1	93.5	85.0	77.3	70.0	62.2	54.0	46.3	38.7
-50°	110.1	103.6	95.8	87.9	79.9	72.8	65.8	58.4	50.7	43.4	36.1
-52.5°	103.6	96.9	89.6	82.2	75.0	68.2	61.6	54.5	47.3	40.3	33.5
-55°	96.6	90.2	83.4	76.4	69.7	63.6	57.3	50.4	43.7	37.2	30.9
-57.5°	89.0	83.3	76.7	70.2	64.4	58.7	52.6	46.2	39.9	33.9	28.4
-60°	80.9	75.4	69.5	64.1	58.8	53.4	47.7	41.8	36.1	30.6	25.8
-62.5°	72.2	67.3	62.6	57.8	52.8	47.7	42.6	37.3	32.0	27.5	23.1
-65°	63.6	59.5	55.6	50.9	46.3	41.8	37.4	32.6	28.4	24.4	20.5
-67.5°	54.7	51.5	47.7	43.6	40.0	36.2	32.1	28.4	24.9	21.3	18.1
-70°	46.6	43.4	40.2	37.2	34.0	30.6	27.5	24.4	21.3	18.5	15.6
-72.5°	38.9	36.3	33.7	30.9	28.4	25.8	23.1	20.5	18.1	15.6	13.2
-75°	31.5	29.5	27.5	25.3	23.2	21.0	19.0	17.0	14.9	12.8	10.9
-77.5°	24.8	23.2	21.5	19.9	18.3	16.7	15.1	13.4	11.8	10.2	8.7
-80°	18.3	17.1	16.1	15.0	13.7	12.4	11.3	10.1	8.9	7.7	6.5
-82.5°	11.8	11.4	10.9	10.4	9.6	8.7	7.9	7.0	6.1	5.2	4.5
-85°	7.3	7.0	6.6	6.1	5.6	5.0	4.6	4.2	3.8	3.4	3.0
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
-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: P626719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.6	0.0
80°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
77.5°	7.1	5.5	4.3	3.2	2.1	0.9	0.0
75°	9.0	7.0	5.2	3.9	2.6	1.1	0.0
72.5°	10.8	8.5	6.3	4.5	3.0	1.3	0.0
70°	12.7	9.9	7.5	5.2	3.4	1.5	0.0
67.5°	14.7	11.4	8.5	5.9	3.7	1.6	0.0
65°	16.8	12.9	9.6	6.7	4.1	1.8	0.0
62.5°	18.8	14.6	10.6	7.5	4.5	2.0	0.0
60°	20.7	16.2	11.6	8.2	4.8	2.1	0.0
57.5°	22.9	17.8	12.9	8.9	5.3	2.3	0.0
55°	25.0	19.3	14.1	9.6	5.7	2.4	0.0
52.5°	27.1	20.8	15.3	10.2	6.1	2.6	0.0
50°	29.1	22.5	16.5	10.8	6.5	2.7	0.0
47.5°	31.0	24.1	17.6	11.5	7.0	2.8	0.0
45°	33.1	25.6	18.6	12.3	7.3	2.9	0.0
42.5°	35.1	27.1	19.6	13.0	7.7	3.1	0.0
40°	37.0	28.5	20.7	13.8	8.1	3.2	0.0
37.5°	38.7	29.8	21.7	14.5	8.4	3.2	0.0
35°	40.4	31.1	22.7	15.2	8.8	3.3	0.0
32.5°	42.0	32.5	23.6	15.8	9.1	3.4	0.0
30°	43.5	33.7	24.5	16.4	9.4	3.5	0.0
27.5°	44.8	34.8	25.3	16.9	9.6	3.5	0.0
25°	46.1	35.8	26.1	17.4	9.9	3.6	0.0
22.5°	47.2	36.8	26.8	17.9	10.1	3.6	0.0
20°	48.2	37.6	27.5	18.3	10.3	3.7	0.0
17.5°	49.0	38.3	28.0	18.7	10.5	3.7	0.0
15°	49.7	38.8	28.5	19.0	10.7	3.7	0.0
12.5°	50.3	39.3	28.9	19.3	10.9	3.7	0.0
10°	50.7	39.6	29.3	19.5	11.0	3.8	0.0
7.5°	51.0	39.8	29.6	19.7	11.1	3.8	0.0
5°	51.2	40.0	29.7	19.8	11.1	3.7	0.0
2.5°	51.2	40.0	29.9	19.9	11.2	3.7	0.0
0°	51.1	39.9	29.9	19.9	11.2	3.7	0.0
-2.5°	51.2	40.0	29.9	19.9	11.2	3.7	0.0
-5°	51.2	40.0	29.7	19.8	11.1	3.7	0.0
-7.5°	51.0	39.8	29.6	19.7	11.1	3.8	0.0
-10°	50.7	39.6	29.3	19.5	11.0	3.8	0.0
-12.5°	50.3	39.3	28.9	19.3	10.9	3.7	0.0
-15°	49.7	38.8	28.5	19.0	10.7	3.7	0.0
-17.5°	49.0	38.3	28.0	18.7	10.5	3.7	0.0
-20°	48.2	37.6	27.5	18.3	10.3	3.7	0.0

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CATALOG NUMBER: GFLD-SA1D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	47.2	36.8	26.8	17.9	10.1	3.6	0.0
-25°	46.1	35.8	26.1	17.4	9.9	3.6	0.0
-27.5°	44.8	34.8	25.3	16.9	9.6	3.5	0.0
-30°	43.5	33.7	24.5	16.4	9.4	3.5	0.0
-32.5°	42.0	32.5	23.6	15.8	9.1	3.4	0.0
-35°	40.4	31.1	22.7	15.2	8.8	3.3	0.0
-37.5°	38.7	29.8	21.7	14.5	8.4	3.2	0.0
-40°	37.0	28.5	20.7	13.8	8.1	3.2	0.0
-42.5°	35.1	27.1	19.6	13.0	7.7	3.1	0.0
-45°	33.1	25.6	18.6	12.3	7.3	2.9	0.0
-47.5°	31.0	24.1	17.6	11.5	7.0	2.8	0.0
-50°	29.1	22.5	16.5	10.8	6.5	2.7	0.0
-52.5°	27.1	20.8	15.3	10.2	6.1	2.6	0.0
-55°	25.0	19.3	14.1	9.6	5.7	2.4	0.0
-57.5°	22.9	17.8	12.9	8.9	5.3	2.3	0.0
-60°	20.7	16.2	11.6	8.2	4.8	2.1	0.0
-62.5°	18.8	14.6	10.6	7.5	4.5	2.0	0.0
-65°	16.8	12.9	9.6	6.7	4.1	1.8	0.0
-67.5°	14.7	11.4	8.5	5.9	3.7	1.6	0.0
-70°	12.7	9.9	7.5	5.2	3.4	1.5	0.0
-72.5°	10.8	8.5	6.3	4.5	3.0	1.3	0.0
-75°	9.0	7.0	5.2	3.9	2.6	1.1	0.0
-77.5°	7.1	5.5	4.3	3.2	2.1	0.9	0.0
-80°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.6	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)