

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: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626729 (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-730-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N16
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

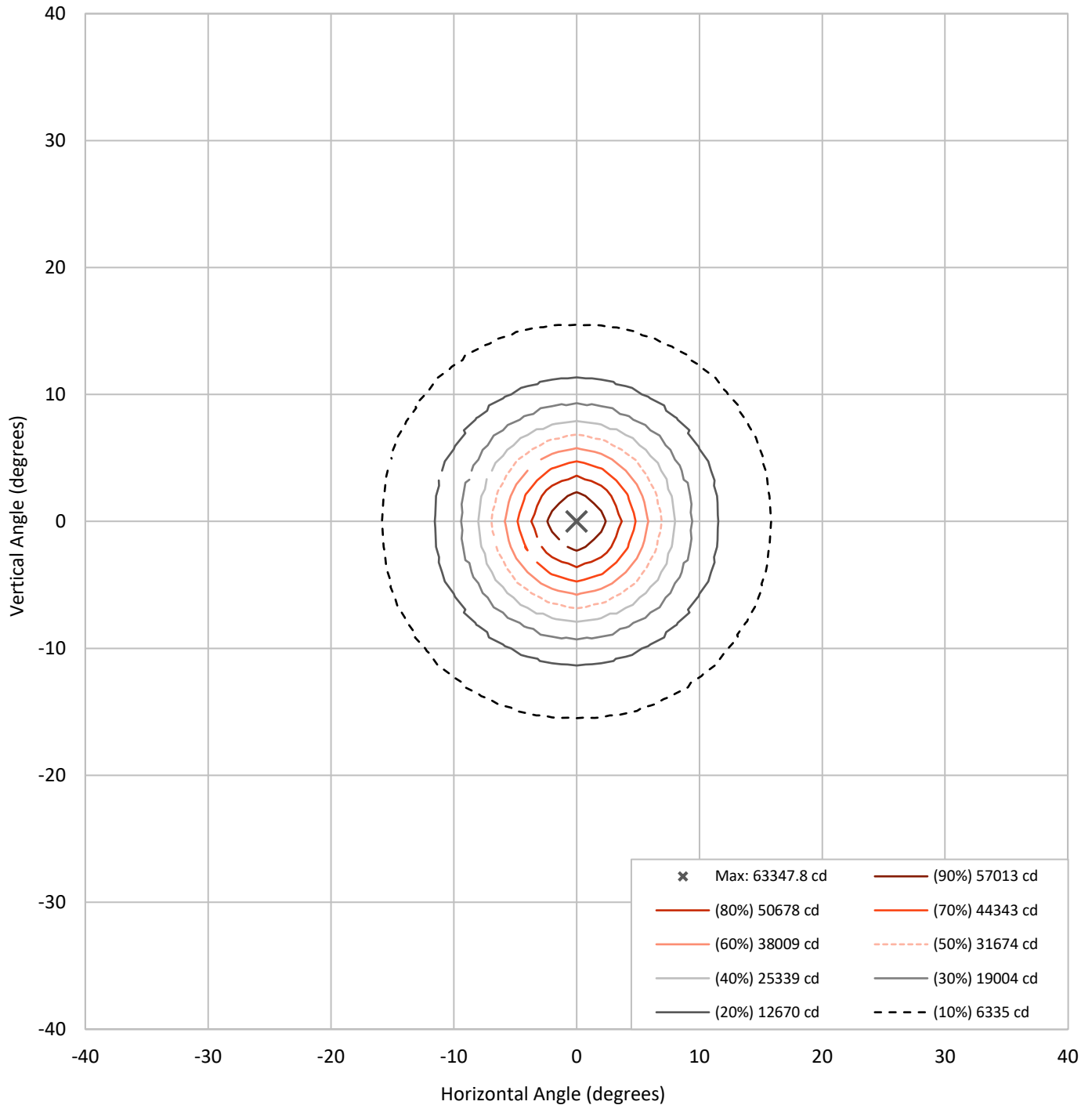
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6726.6 lumens	Max Intensity:	63347.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.4 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:	1988.8 lumens	Field Lumens:	4475.5 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





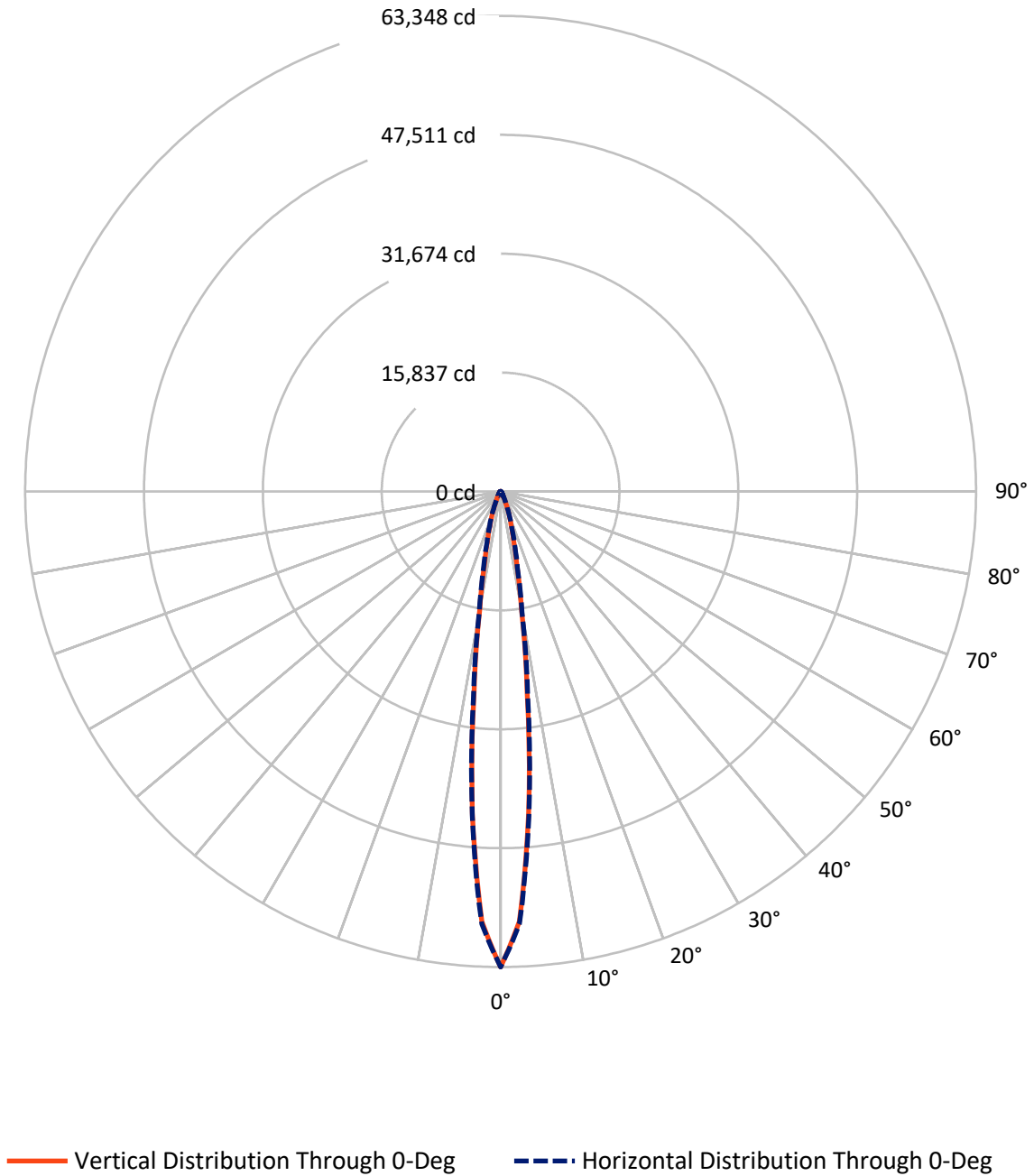
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Lumen Table

90	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
80	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
70	0.4	0.5	1.0	1.6	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.6	1.0	0.5	0.4
60		0.7	1.5	2.4	3.2	3.9	4.3	4.5	4.5	4.3	3.9	3.2	2.4	1.5	0.7	
50	0.7	0.9	1.9	2.9	3.9	4.9	5.8	6.2	6.2	5.8	4.9	3.9	2.9	1.9	0.9	0.7
40		1.1	2.2	3.4	4.8	6.9	9.7	12.0	12.0	9.7	6.9	4.8	3.4	2.2	1.1	
30	1.0	1.3	2.4	3.8	6.2	12.3	28.0	46.3	46.3	28.0	12.3	6.2	3.8	2.4	1.3	1.0
20		1.4	2.6	4.2	8.2	26.1	92.7	199.6	199.6	92.7	26.1	8.2	4.2	2.6	1.4	
10	1.0	1.4	2.6	4.4	9.9	43.0	201.5	870.2	870.2	201.5	43.0	9.9	4.4	2.6	1.4	1.0
0		1.4	2.6	4.4	9.9	43.0	201.5	870.2	870.2	201.5	43.0	9.9	4.4	2.6	1.4	
-10	1.0	1.4	2.6	4.2	8.2	26.1	92.7	199.6	199.6	92.7	26.1	8.2	4.2	2.6	1.4	1.0
-20		1.3	2.4	3.8	6.2	12.3	28.0	46.3	46.3	28.0	12.3	6.2	3.8	2.4	1.3	
-30	0.7	1.1	2.2	3.4	4.8	6.9	9.7	12.0	12.0	9.7	6.9	4.8	3.4	2.2	1.1	0.7
-40		0.9	1.9	2.9	3.9	4.9	5.8	6.2	6.2	5.8	4.9	3.9	2.9	1.9	0.9	
-50	0.4	0.7	1.5	2.4	3.2	3.9	4.3	4.5	4.5	4.3	3.9	3.2	2.4	1.5	0.7	0.4
-60		0.5	1.0	1.6	2.3	2.8	3.1	3.2	3.2	3.1	2.8	2.3	1.6	1.0	0.5	
-70	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
-80		0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1						
-90	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							

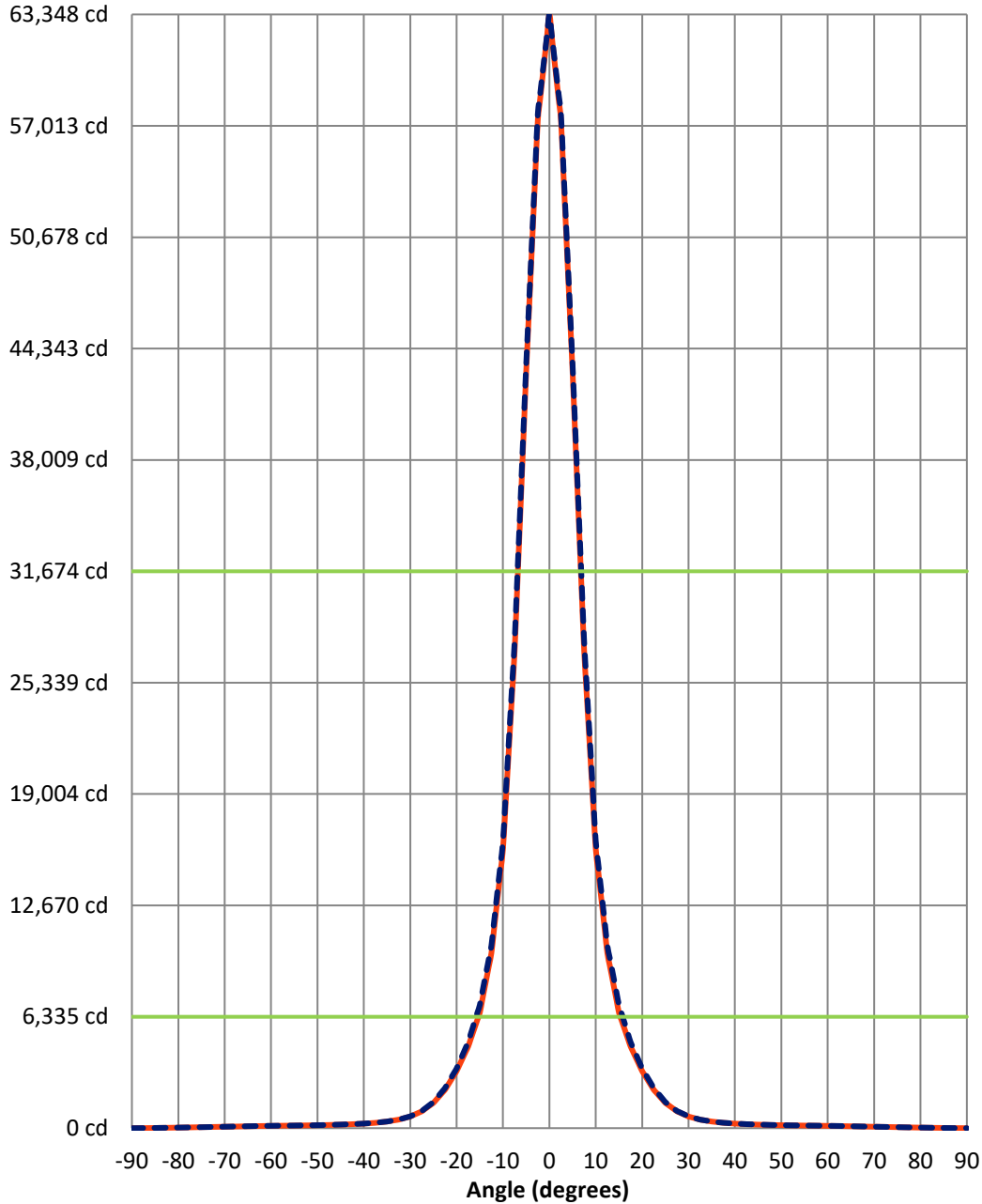
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1988.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4475.5
 Efficiency: 66.5%

Spill:
 Lumens: 2251.1
 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	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.6	7.6
80°	0.0	0.8	1.9	2.8	3.7	4.7	5.6	7.0	8.4	9.7	11.0
77.5°	0.0	1.0	2.3	3.5	4.7	6.0	7.7	9.4	11.1	12.8	14.5
75°	0.0	1.2	2.8	4.2	5.6	7.6	9.8	11.8	13.9	16.2	18.5
72.5°	0.0	1.4	3.2	4.9	6.9	9.2	11.8	14.3	17.0	19.7	22.3
70°	0.0	1.6	3.6	5.6	8.1	10.8	13.8	17.0	20.1	23.2	26.6
67.5°	0.0	1.8	4.1	6.4	9.3	12.4	16.0	19.7	23.2	27.1	30.9
65°	0.0	2.0	4.5	7.3	10.4	14.0	18.3	22.3	26.6	30.9	35.4
62.5°	0.0	2.2	4.8	8.1	11.6	15.9	20.5	25.2	30.0	34.8	40.5
60°	0.0	2.3	5.2	8.9	12.7	17.6	22.6	28.1	33.2	39.2	45.5
57.5°	0.0	2.5	5.7	9.7	14.0	19.4	24.9	30.9	36.8	43.4	50.3
55°	0.0	2.7	6.2	10.4	15.4	21.0	27.2	33.5	40.4	47.5	54.9
52.5°	0.0	2.8	6.7	11.1	16.7	22.7	29.5	36.4	43.9	51.5	59.4
50°	0.0	3.0	7.1	11.8	17.9	24.5	31.6	39.3	47.2	55.3	63.6
47.5°	0.0	3.1	7.6	12.5	19.1	26.2	33.7	42.1	50.3	58.9	67.7
45°	0.0	3.2	8.0	13.4	20.3	27.9	36.0	44.7	53.4	62.5	71.8
42.5°	0.0	3.3	8.4	14.2	21.4	29.5	38.2	47.2	56.3	66.0	75.7
40°	0.0	3.5	8.8	15.0	22.5	31.0	40.2	49.7	59.1	69.4	79.6
37.5°	0.0	3.6	9.2	15.8	23.7	32.5	42.2	51.9	62.0	72.6	83.3
35°	0.0	3.7	9.5	16.5	24.8	33.9	44.0	54.1	64.6	75.6	86.9
32.5°	0.0	3.8	9.9	17.2	25.8	35.4	45.7	56.1	67.0	78.5	90.0
30°	0.0	3.8	10.2	17.9	26.7	36.7	47.4	58.0	69.2	81.1	92.8
27.5°	0.0	3.9	10.5	18.5	27.6	37.9	48.8	59.8	71.3	83.5	95.4
25°	0.0	4.0	10.8	19.0	28.5	39.1	50.2	61.4	73.2	85.6	97.6
22.5°	0.0	4.0	11.0	19.5	29.3	40.1	51.4	62.9	75.0	87.5	99.6
20°	0.0	4.1	11.3	20.0	29.9	40.9	52.5	64.1	76.6	89.1	101.4
17.5°	0.0	4.1	11.5	20.4	30.6	41.7	53.4	65.2	77.9	90.4	102.9
15°	0.0	4.1	11.7	20.7	31.1	42.3	54.2	66.2	79.0	91.5	104.3
12.5°	0.0	4.1	11.8	21.0	31.6	42.8	54.8	67.1	80.0	92.3	105.4
10°	0.0	4.1	12.0	21.3	31.9	43.1	55.2	67.8	80.7	93.2	106.5
7.5°	0.0	4.1	12.1	21.5	32.2	43.4	55.5	68.4	81.2	94.0	107.7
5°	0.0	4.1	12.1	21.6	32.4	43.5	55.7	68.8	81.5	94.5	108.7
2.5°	0.0	4.1	12.2	21.7	32.6	43.5	55.7	69.1	81.6	94.9	109.4
0°	0.0	4.1	12.2	21.7	32.6	43.5	55.7	69.1	81.6	94.9	109.4
-2.5°	0.0	4.1	12.2	21.7	32.6	43.5	55.7	69.1	81.6	94.9	109.4
-5°	0.0	4.1	12.1	21.6	32.4	43.5	55.7	68.8	81.5	94.5	108.7
-7.5°	0.0	4.1	12.1	21.5	32.2	43.4	55.5	68.4	81.2	94.0	107.7
-10°	0.0	4.1	12.0	21.3	31.9	43.1	55.2	67.8	80.7	93.2	106.5
-12.5°	0.0	4.1	11.8	21.0	31.6	42.8	54.8	67.1	80.0	92.3	105.4
-15°	0.0	4.1	11.7	20.7	31.1	42.3	54.2	66.2	79.0	91.5	104.3
-17.5°	0.0	4.1	11.5	20.4	30.6	41.7	53.4	65.2	77.9	90.4	102.9
-20°	0.0	4.1	11.3	20.0	29.9	40.9	52.5	64.1	76.6	89.1	101.4

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Scaled Data Report



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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	4.0	11.0	19.5	29.3	40.1	51.4	62.9	75.0	87.5	99.6
-25°	0.0	4.0	10.8	19.0	28.5	39.1	50.2	61.4	73.2	85.6	97.6
-27.5°	0.0	3.9	10.5	18.5	27.6	37.9	48.8	59.8	71.3	83.5	95.4
-30°	0.0	3.8	10.2	17.9	26.7	36.7	47.4	58.0	69.2	81.1	92.8
-32.5°	0.0	3.8	9.9	17.2	25.8	35.4	45.7	56.1	67.0	78.5	90.0
-35°	0.0	3.7	9.5	16.5	24.8	33.9	44.0	54.1	64.6	75.6	86.9
-37.5°	0.0	3.6	9.2	15.8	23.7	32.5	42.2	51.9	62.0	72.6	83.3
-40°	0.0	3.5	8.8	15.0	22.5	31.0	40.2	49.7	59.1	69.4	79.6
-42.5°	0.0	3.3	8.4	14.2	21.4	29.5	38.2	47.2	56.3	66.0	75.7
-45°	0.0	3.2	8.0	13.4	20.3	27.9	36.0	44.7	53.4	62.5	71.8
-47.5°	0.0	3.1	7.6	12.5	19.1	26.2	33.7	42.1	50.3	58.9	67.7
-50°	0.0	3.0	7.1	11.8	17.9	24.5	31.6	39.3	47.2	55.3	63.6
-52.5°	0.0	2.8	6.7	11.1	16.7	22.7	29.5	36.4	43.9	51.5	59.4
-55°	0.0	2.7	6.2	10.4	15.4	21.0	27.2	33.5	40.4	47.5	54.9
-57.5°	0.0	2.5	5.7	9.7	14.0	19.4	24.9	30.9	36.8	43.4	50.3
-60°	0.0	2.3	5.2	8.9	12.7	17.6	22.6	28.1	33.2	39.2	45.5
-62.5°	0.0	2.2	4.8	8.1	11.6	15.9	20.5	25.2	30.0	34.8	40.5
-65°	0.0	2.0	4.5	7.3	10.4	14.0	18.3	22.3	26.6	30.9	35.4
-67.5°	0.0	1.8	4.1	6.4	9.3	12.4	16.0	19.7	23.2	27.1	30.9
-70°	0.0	1.6	3.6	5.6	8.1	10.8	13.8	17.0	20.1	23.2	26.6
-72.5°	0.0	1.4	3.2	4.9	6.9	9.2	11.8	14.3	17.0	19.7	22.3
-75°	0.0	1.2	2.8	4.2	5.6	7.6	9.8	11.8	13.9	16.2	18.5
-77.5°	0.0	1.0	2.3	3.5	4.7	6.0	7.7	9.4	11.1	12.8	14.5
-80°	0.0	0.8	1.9	2.8	3.7	4.7	5.6	7.0	8.4	9.7	11.0
-82.5°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.6	7.6
-85°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	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



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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°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
85°	5.0	5.4	6.0	6.6	7.1	7.5	7.9	8.2	8.8	9.4	10.0
82.5°	8.5	9.5	10.4	11.3	11.9	12.4	12.8	13.5	14.7	15.9	16.9
80°	12.3	13.5	14.9	16.3	17.5	18.7	19.9	21.2	22.5	23.7	24.9
77.5°	16.4	18.2	20.0	21.7	23.4	25.2	27.0	28.7	30.4	31.9	33.4
75°	20.7	22.9	25.2	27.6	29.9	32.1	34.2	36.6	38.8	40.9	42.9
72.5°	25.2	28.1	30.9	33.6	36.6	39.5	42.3	45.0	47.7	50.4	53.4
70°	30.0	33.2	36.9	40.4	43.7	47.2	50.7	53.7	56.6	60.4	64.3
67.5°	34.9	39.3	43.5	47.5	51.9	56.0	59.6	63.4	67.4	71.8	75.6
65°	40.7	45.5	50.4	55.4	60.6	64.8	69.2	73.9	78.5	82.9	87.1
62.5°	46.4	51.9	57.5	63.0	68.2	73.3	78.7	83.9	89.0	94.1	98.6
60°	52.0	58.2	64.1	69.8	75.7	82.1	88.1	93.9	100.0	105.7	108.8
57.5°	57.3	64.0	70.1	76.5	83.5	90.7	97.0	103.6	108.8	112.8	116.7
55°	62.4	69.3	76.0	83.2	90.8	98.3	105.2	111.1	115.9	119.6	123.7
52.5°	67.1	74.3	81.6	89.5	97.6	105.6	112.8	118.3	122.7	126.4	130.3
50°	71.7	79.3	87.0	95.7	104.4	112.8	119.9	125.0	129.0	132.9	136.9
47.5°	76.2	84.2	92.6	101.8	111.1	119.3	126.1	130.7	134.8	139.3	143.7
45°	80.6	89.3	98.2	108.1	117.5	125.4	131.1	135.7	140.8	145.7	150.4
42.5°	85.0	94.4	103.9	114.2	123.3	130.4	135.7	141.2	146.6	151.9	157.2
40°	89.4	99.2	109.3	119.5	128.7	134.8	140.5	146.3	152.4	158.0	163.9
37.5°	93.6	103.8	114.2	124.5	132.8	139.0	144.9	151.4	157.7	163.9	171.6
35°	97.6	107.9	118.4	128.4	136.4	142.8	149.4	156.2	162.9	170.9	179.6
32.5°	101.2	111.6	122.3	131.6	139.4	146.3	153.7	160.8	168.8	177.9	188.4
30°	104.2	114.9	125.6	134.7	142.3	149.6	157.6	165.5	174.8	185.8	198.2
27.5°	106.8	117.8	128.2	137.3	145.1	152.4	160.8	170.7	181.5	193.7	208.3
25°	109.3	120.7	130.7	139.7	147.3	154.9	163.9	174.9	187.8	202.6	220.4
22.5°	111.6	123.6	133.2	142.0	149.0	157.3	167.4	179.3	193.4	210.7	232.4
20°	113.8	125.7	135.2	143.8	150.3	159.3	170.5	183.2	199.2	219.8	244.9
17.5°	115.9	127.5	136.8	144.9	152.0	161.5	173.2	186.3	204.2	228.0	256.4
15°	117.8	129.0	138.0	145.7	153.5	163.7	176.0	190.2	209.8	235.9	266.6
12.5°	119.4	130.2	139.0	146.4	154.7	165.6	178.5	194.3	215.8	243.7	279.6
10°	120.8	131.2	139.7	146.8	155.6	167.0	180.6	197.7	220.6	249.7	289.5
7.5°	122.0	131.9	140.2	147.0	156.2	168.0	182.2	200.2	223.9	253.9	296.7
5°	122.9	132.5	140.7	147.9	157.1	168.8	183.4	202.0	225.8	256.5	301.2
2.5°	123.3	132.9	141.1	148.7	158.1	169.5	184.3	203.8	227.4	258.9	304.5
0°	123.5	133.0	141.2	149.3	158.8	169.7	184.6	204.9	228.0	260.6	306.7
-2.5°	123.3	132.9	141.1	148.7	158.1	169.5	184.3	203.8	227.4	258.9	304.5
-5°	122.9	132.5	140.7	147.9	157.1	168.8	183.4	202.0	225.8	256.5	301.2
-7.5°	122.0	131.9	140.2	147.0	156.2	168.0	182.2	200.2	223.9	253.9	296.7
-10°	120.8	131.2	139.7	146.8	155.6	167.0	180.6	197.7	220.6	249.7	289.5
-12.5°	119.4	130.2	139.0	146.4	154.7	165.6	178.5	194.3	215.8	243.7	279.6
-15°	117.8	129.0	138.0	145.7	153.5	163.7	176.0	190.2	209.8	235.9	266.6
-17.5°	115.9	127.5	136.8	144.9	152.0	161.5	173.2	186.3	204.2	228.0	256.4
-20°	113.8	125.7	135.2	143.8	150.3	159.3	170.5	183.2	199.2	219.8	244.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	111.6	123.6	133.2	142.0	149.0	157.3	167.4	179.3	193.4	210.7	232.4
-25°	109.3	120.7	130.7	139.7	147.3	154.9	163.9	174.9	187.8	202.6	220.4
-27.5°	106.8	117.8	128.2	137.3	145.1	152.4	160.8	170.7	181.5	193.7	208.3
-30°	104.2	114.9	125.6	134.7	142.3	149.6	157.6	165.5	174.8	185.8	198.2
-32.5°	101.2	111.6	122.3	131.6	139.4	146.3	153.7	160.8	168.8	177.9	188.4
-35°	97.6	107.9	118.4	128.4	136.4	142.8	149.4	156.2	162.9	170.9	179.6
-37.5°	93.6	103.8	114.2	124.5	132.8	139.0	144.9	151.4	157.7	163.9	171.6
-40°	89.4	99.2	109.3	119.5	128.7	134.8	140.5	146.3	152.4	158.0	163.9
-42.5°	85.0	94.4	103.9	114.2	123.3	130.4	135.7	141.2	146.6	151.9	157.2
-45°	80.6	89.3	98.2	108.1	117.5	125.4	131.1	135.7	140.8	145.7	150.4
-47.5°	76.2	84.2	92.6	101.8	111.1	119.3	126.1	130.7	134.8	139.3	143.7
-50°	71.7	79.3	87.0	95.7	104.4	112.8	119.9	125.0	129.0	132.9	136.9
-52.5°	67.1	74.3	81.6	89.5	97.6	105.6	112.8	118.3	122.7	126.4	130.3
-55°	62.4	69.3	76.0	83.2	90.8	98.3	105.2	111.1	115.9	119.6	123.7
-57.5°	57.3	64.0	70.1	76.5	83.5	90.7	97.0	103.6	108.8	112.8	116.7
-60°	52.0	58.2	64.1	69.8	75.7	82.1	88.1	93.9	100.0	105.7	108.8
-62.5°	46.4	51.9	57.5	63.0	68.2	73.3	78.7	83.9	89.0	94.1	98.6
-65°	40.7	45.5	50.4	55.4	60.6	64.8	69.2	73.9	78.5	82.9	87.1
-67.5°	34.9	39.3	43.5	47.5	51.9	56.0	59.6	63.4	67.4	71.8	75.6
-70°	30.0	33.2	36.9	40.4	43.7	47.2	50.7	53.7	56.6	60.4	64.3
-72.5°	25.2	28.1	30.9	33.6	36.6	39.5	42.3	45.0	47.7	50.4	53.4
-75°	20.7	22.9	25.2	27.6	29.9	32.1	34.2	36.6	38.8	40.9	42.9
-77.5°	16.4	18.2	20.0	21.7	23.4	25.2	27.0	28.7	30.4	31.9	33.4
-80°	12.3	13.5	14.9	16.3	17.5	18.7	19.9	21.2	22.5	23.7	24.9
-82.5°	8.5	9.5	10.4	11.3	11.9	12.4	12.8	13.5	14.7	15.9	16.9
-85°	5.0	5.4	6.0	6.6	7.1	7.5	7.9	8.2	8.8	9.4	10.0
-87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	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: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.0	4.7
85°	10.6	11.0	11.4	11.7	12.1	12.3	12.6	12.8	13.0	12.9	12.7
82.5°	17.9	18.6	19.3	19.9	20.4	20.9	21.4	21.8	22.1	22.1	22.0
80°	26.0	27.2	28.4	29.5	30.7	31.3	31.8	32.2	32.4	32.6	32.6
77.5°	34.9	36.7	38.6	40.5	42.3	43.4	44.1	44.7	45.2	45.3	45.2
75°	44.8	47.2	49.8	52.0	54.0	55.2	56.0	56.7	57.2	57.4	57.3
72.5°	56.4	59.3	61.6	63.5	65.1	66.4	67.4	68.3	69.0	69.3	69.3
70°	67.7	70.6	72.7	74.7	76.3	77.6	78.9	79.9	80.8	81.4	81.9
67.5°	79.2	82.5	84.7	86.5	87.8	89.2	90.9	92.3	93.5	94.3	94.7
65°	91.1	94.4	96.6	98.5	100.1	101.9	103.7	105.1	105.9	106.5	106.8
62.5°	102.5	105.6	108.3	110.8	113.2	115.2	116.5	117.6	118.6	119.4	120.0
60°	112.3	116.2	119.3	121.7	124.1	126.3	127.9	129.1	130.1	130.8	131.3
57.5°	120.6	124.7	128.3	130.6	133.2	135.9	137.7	138.8	139.7	140.6	140.9
55°	128.0	131.7	135.0	138.2	141.1	143.5	145.4	146.9	148.0	149.0	149.3
52.5°	134.5	138.6	142.5	145.9	148.7	151.1	153.0	154.7	156.0	156.9	157.3
50°	141.5	145.8	150.0	153.7	156.6	159.3	161.7	163.7	165.7	167.2	168.3
47.5°	148.3	152.9	157.5	161.6	165.1	168.9	172.4	175.3	178.1	180.4	182.0
45°	155.1	160.5	165.5	170.8	175.5	180.5	185.2	189.2	193.3	196.4	198.5
42.5°	162.7	168.8	174.8	181.5	187.9	194.4	201.5	207.8	212.6	217.2	220.9
40°	170.9	177.9	185.8	193.9	203.3	211.9	221.4	229.6	236.9	244.7	250.9
37.5°	179.6	188.4	198.7	209.5	221.7	233.5	245.9	258.1	268.7	281.2	290.8
35°	189.3	200.9	213.6	228.2	243.5	260.4	277.3	296.9	313.7	332.2	348.4
32.5°	200.7	214.6	231.2	250.5	270.2	295.8	319.8	350.9	377.8	407.2	436.7
30°	212.4	230.6	252.1	276.4	307.6	342.9	382.2	428.4	476.2	522.4	578.1
27.5°	226.9	248.9	274.9	310.4	356.4	404.1	471.6	541.1	628.8	701.4	803.7
25°	242.0	267.9	304.9	353.2	413.2	495.8	598.3	709.4	863.8	999.4	1158.5
22.5°	258.4	293.4	339.4	399.0	490.0	616.8	772.0	981.1	1208.8	1450.6	1691.1
20°	275.5	317.9	378.2	464.6	589.4	761.2	1027.6	1350.4	1675.7	2074.6	2427.9
17.5°	295.4	349.2	423.5	531.6	698.1	961.3	1330.9	1781.6	2286.3	2859.8	3369.0
15°	311.9	376.1	469.9	621.0	850.1	1188.1	1654.2	2274.2	3032.6	3802.9	4584.4
12.5°	331.1	405.3	515.5	695.7	983.4	1432.6	2067.0	2851.7	3798.9	4867.4	6126.9
10°	348.1	434.0	571.0	794.1	1145.6	1687.6	2457.5	3401.6	4624.0	6161.2	8111.8
7.5°	360.7	456.8	613.9	868.9	1285.9	1932.8	2826.5	4003.8	5557.0	7586.9	10263.8
5°	368.9	473.3	644.2	926.7	1395.7	2115.3	3097.0	4430.9	6304.7	9175.7	13708.7
2.5°	373.8	483.1	661.5	960.6	1462.5	2236.2	3302.6	4753.8	6789.3	10157.5	15924.5
0°	376.0	485.9	671.8	978.6	1484.8	2282.9	3397.2	4901.0	7006.1	10387.0	16314.0
-2.5°	373.8	483.1	661.5	960.6	1462.5	2236.2	3302.6	4753.8	6789.3	10157.5	15924.5
-5°	368.9	473.3	644.2	926.7	1395.7	2115.3	3097.0	4430.9	6304.7	9175.7	13708.7
-7.5°	360.7	456.8	613.9	868.9	1285.9	1932.8	2826.5	4003.8	5557.0	7586.9	10263.8
-10°	348.1	434.0	571.0	794.1	1145.6	1687.6	2457.5	3401.6	4624.0	6161.2	8111.8
-12.5°	331.1	405.3	515.5	695.7	983.4	1432.6	2067.0	2851.7	3798.9	4867.4	6126.9
-15°	311.9	376.1	469.9	621.0	850.1	1188.1	1654.2	2274.2	3032.6	3802.9	4584.4
-17.5°	295.4	349.2	423.5	531.6	698.1	961.3	1330.9	1781.6	2286.3	2859.8	3369.0
-20°	275.5	317.9	378.2	464.6	589.4	761.2	1027.6	1350.4	1675.7	2074.6	2427.9

Classified

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Scaled Data Report



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	258.4	293.4	339.4	399.0	490.0	616.8	772.0	981.1	1208.8	1450.6	1691.1
-25°	242.0	267.9	304.9	353.2	413.2	495.8	598.3	709.4	863.8	999.4	1158.5
-27.5°	226.9	248.9	274.9	310.4	356.4	404.1	471.6	541.1	628.8	701.4	803.7
-30°	212.4	230.6	252.1	276.4	307.6	342.9	382.2	428.4	476.2	522.4	578.1
-32.5°	200.7	214.6	231.2	250.5	270.2	295.8	319.8	350.9	377.8	407.2	436.7
-35°	189.3	200.9	213.6	228.2	243.5	260.4	277.3	296.9	313.7	332.2	348.4
-37.5°	179.6	188.4	198.7	209.5	221.7	233.5	245.9	258.1	268.7	281.2	290.8
-40°	170.9	177.9	185.8	193.9	203.3	211.9	221.4	229.6	236.9	244.7	250.9
-42.5°	162.7	168.8	174.8	181.5	187.9	194.4	201.5	207.8	212.6	217.2	220.9
-45°	155.1	160.5	165.5	170.8	175.5	180.5	185.2	189.2	193.3	196.4	198.5
-47.5°	148.3	152.9	157.5	161.6	165.1	168.9	172.4	175.3	178.1	180.4	182.0
-50°	141.5	145.8	150.0	153.7	156.6	159.3	161.7	163.7	165.7	167.2	168.3
-52.5°	134.5	138.6	142.5	145.9	148.7	151.1	153.0	154.7	156.0	156.9	157.3
-55°	128.0	131.7	135.0	138.2	141.1	143.5	145.4	146.9	148.0	149.0	149.3
-57.5°	120.6	124.7	128.3	130.6	133.2	135.9	137.7	138.8	139.7	140.6	140.9
-60°	112.3	116.2	119.3	121.7	124.1	126.3	127.9	129.1	130.1	130.8	131.3
-62.5°	102.5	105.6	108.3	110.8	113.2	115.2	116.5	117.6	118.6	119.4	120.0
-65°	91.1	94.4	96.6	98.5	100.1	101.9	103.7	105.1	105.9	106.5	106.8
-67.5°	79.2	82.5	84.7	86.5	87.8	89.2	90.9	92.3	93.5	94.3	94.7
-70°	67.7	70.6	72.7	74.7	76.3	77.6	78.9	79.9	80.8	81.4	81.9
-72.5°	56.4	59.3	61.6	63.5	65.1	66.4	67.4	68.3	69.0	69.3	69.3
-75°	44.8	47.2	49.8	52.0	54.0	55.2	56.0	56.7	57.2	57.4	57.3
-77.5°	34.9	36.7	38.6	40.5	42.3	43.4	44.1	44.7	45.2	45.3	45.2
-80°	26.0	27.2	28.4	29.5	30.7	31.3	31.8	32.2	32.4	32.6	32.6
-82.5°	17.9	18.6	19.3	19.9	20.4	20.9	21.4	21.8	22.1	22.1	22.0
-85°	10.6	11.0	11.4	11.7	12.1	12.3	12.6	12.8	13.0	12.9	12.7
-87.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.0	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.2	5.1
85°	12.4	12.1	12.2	12.2	12.2	12.1	12.4	12.7	12.9	13.0	12.8
82.5°	21.8	21.6	21.7	21.7	21.7	21.6	21.8	22.0	22.1	22.1	21.8
80°	32.6	32.4	31.9	31.2	31.9	32.4	32.6	32.6	32.6	32.4	32.2
77.5°	45.0	44.6	44.1	43.4	44.1	44.6	45.0	45.2	45.3	45.2	44.7
75°	57.1	56.8	56.9	57.0	56.9	56.8	57.1	57.3	57.4	57.2	56.7
72.5°	69.2	68.9	69.1	69.2	69.1	68.9	69.2	69.3	69.3	69.0	68.3
70°	82.2	82.4	82.0	81.4	82.0	82.4	82.2	81.9	81.4	80.8	79.9
67.5°	94.8	94.7	94.2	93.6	94.2	94.7	94.8	94.7	94.3	93.5	92.3
65°	107.0	106.8	107.1	107.2	107.1	106.8	107.0	106.8	106.5	105.9	105.1
62.5°	120.3	120.4	120.0	119.4	120.0	120.4	120.3	120.0	119.4	118.6	117.6
60°	131.5	131.4	131.0	130.3	131.0	131.4	131.5	131.3	130.8	130.1	129.1
57.5°	141.1	140.9	140.5	139.8	140.5	140.9	141.1	140.9	140.6	139.7	138.8
55°	149.3	149.1	148.6	147.9	148.6	149.1	149.3	149.3	149.0	148.0	146.9
52.5°	157.4	157.2	157.3	157.4	157.3	157.2	157.4	157.3	156.9	156.0	154.7
50°	169.0	169.2	169.0	168.3	169.0	169.2	169.0	168.3	167.2	165.7	163.7
47.5°	182.8	182.8	182.5	181.9	182.5	182.8	182.8	182.0	180.4	178.1	175.3
45°	200.1	201.1	201.4	200.9	201.4	201.1	200.1	198.5	196.4	193.3	189.2
42.5°	223.7	225.3	225.8	225.3	225.8	225.3	223.7	220.9	217.2	212.6	207.8
40°	254.7	256.5	256.8	256.5	256.8	256.5	254.7	250.9	244.7	236.9	229.6
37.5°	297.5	301.8	303.8	304.0	303.8	301.8	297.5	290.8	281.2	268.7	258.1
35°	360.7	369.2	373.8	376.0	373.8	369.2	360.7	348.4	332.2	313.7	296.9
32.5°	459.2	476.2	485.7	484.5	485.7	476.2	459.2	436.7	407.2	377.8	350.9
30°	620.0	649.9	664.9	661.0	664.9	649.9	620.0	578.1	522.4	476.2	428.4
27.5°	877.2	931.1	962.3	958.2	962.3	931.1	877.2	803.7	701.4	628.8	541.1
25°	1291.5	1389.9	1452.9	1437.3	1452.9	1389.9	1291.5	1158.5	999.4	863.8	709.4
22.5°	1921.7	2088.4	2198.7	2185.2	2198.7	2088.4	1921.7	1691.1	1450.6	1208.8	981.1
20°	2786.1	3039.9	3221.2	3245.2	3221.2	3039.9	2786.1	2427.9	2074.6	1675.7	1350.4
17.5°	3919.1	4321.6	4601.8	4648.5	4601.8	4321.6	3919.1	3369.0	2859.8	2286.3	1781.6
15°	5391.8	6049.6	6525.7	6565.0	6525.7	6049.6	5391.8	4584.4	3802.9	3032.6	2274.2
12.5°	7391.3	8714.4	9577.9	9958.1	9577.9	8714.4	7391.3	6126.9	4867.4	3798.9	2851.7
10°	10158.7	13197.7	15144.0	15875.6	15144.0	13197.7	10158.7	8111.8	6161.2	4624.0	3401.6
7.5°	14780.9	19552.3	24856.9	27117.7	24856.9	19552.3	14780.9	10263.8	7586.9	5557.0	4003.8
5°	20015.3	29917.8	39336.9	43015.0	39336.9	29917.8	20015.3	13708.7	9175.7	6304.7	4430.9
2.5°	25523.2	39325.9	52260.0	57318.3	52260.0	39325.9	25523.2	15924.5	10157.5	6789.3	4753.8
0°	27674.1	43445.3	57675.9	63347.8	57675.9	43445.3	27674.1	16314.0	10387.0	7006.1	4901.0
-2.5°	25523.2	39325.9	52260.0	57318.3	52260.0	39325.9	25523.2	15924.5	10157.5	6789.3	4753.8
-5°	20015.3	29917.8	39336.9	43015.0	39336.9	29917.8	20015.3	13708.7	9175.7	6304.7	4430.9
-7.5°	14780.9	19552.3	24856.9	27117.7	24856.9	19552.3	14780.9	10263.8	7586.9	5557.0	4003.8
-10°	10158.7	13197.7	15144.0	15875.6	15144.0	13197.7	10158.7	8111.8	6161.2	4624.0	3401.6
-12.5°	7391.3	8714.4	9577.9	9958.1	9577.9	8714.4	7391.3	6126.9	4867.4	3798.9	2851.7
-15°	5391.8	6049.6	6525.7	6565.0	6525.7	6049.6	5391.8	4584.4	3802.9	3032.6	2274.2
-17.5°	3919.1	4321.6	4601.8	4648.5	4601.8	4321.6	3919.1	3369.0	2859.8	2286.3	1781.6
-20°	2786.1	3039.9	3221.2	3245.2	3221.2	3039.9	2786.1	2427.9	2074.6	1675.7	1350.4



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-730-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°	1921.7	2088.4	2198.7	2185.2	2198.7	2088.4	1921.7	1691.1	1450.6	1208.8	981.1
-25°	1291.5	1389.9	1452.9	1437.3	1452.9	1389.9	1291.5	1158.5	999.4	863.8	709.4
-27.5°	877.2	931.1	962.3	958.2	962.3	931.1	877.2	803.7	701.4	628.8	541.1
-30°	620.0	649.9	664.9	661.0	664.9	649.9	620.0	578.1	522.4	476.2	428.4
-32.5°	459.2	476.2	485.7	484.5	485.7	476.2	459.2	436.7	407.2	377.8	350.9
-35°	360.7	369.2	373.8	376.0	373.8	369.2	360.7	348.4	332.2	313.7	296.9
-37.5°	297.5	301.8	303.8	304.0	303.8	301.8	297.5	290.8	281.2	268.7	258.1
-40°	254.7	256.5	256.8	256.5	256.8	256.5	254.7	250.9	244.7	236.9	229.6
-42.5°	223.7	225.3	225.8	225.3	225.8	225.3	223.7	220.9	217.2	212.6	207.8
-45°	200.1	201.1	201.4	200.9	201.4	201.1	200.1	198.5	196.4	193.3	189.2
-47.5°	182.8	182.8	182.5	181.9	182.5	182.8	182.8	182.0	180.4	178.1	175.3
-50°	169.0	169.2	169.0	168.3	169.0	169.2	169.0	168.3	167.2	165.7	163.7
-52.5°	157.4	157.2	157.3	157.4	157.3	157.2	157.4	157.3	156.9	156.0	154.7
-55°	149.3	149.1	148.6	147.9	148.6	149.1	149.3	149.3	149.0	148.0	146.9
-57.5°	141.1	140.9	140.5	139.8	140.5	140.9	141.1	140.9	140.6	139.7	138.8
-60°	131.5	131.4	131.0	130.3	131.0	131.4	131.5	131.3	130.8	130.1	129.1
-62.5°	120.3	120.4	120.0	119.4	120.0	120.4	120.3	120.0	119.4	118.6	117.6
-65°	107.0	106.8	107.1	107.2	107.1	106.8	107.0	106.8	106.5	105.9	105.1
-67.5°	94.8	94.7	94.2	93.6	94.2	94.7	94.8	94.7	94.3	93.5	92.3
-70°	82.2	82.4	82.0	81.4	82.0	82.4	82.2	81.9	81.4	80.8	79.9
-72.5°	69.2	68.9	69.1	69.2	69.1	68.9	69.2	69.3	69.3	69.0	68.3
-75°	57.1	56.8	56.9	57.0	56.9	56.8	57.1	57.3	57.4	57.2	56.7
-77.5°	45.0	44.6	44.1	43.4	44.1	44.6	45.0	45.2	45.3	45.2	44.7
-80°	32.6	32.4	31.9	31.2	31.9	32.4	32.6	32.6	32.6	32.4	32.2
-82.5°	21.8	21.6	21.7	21.7	21.7	21.6	21.8	22.0	22.1	22.1	21.8
-85°	12.4	12.1	12.2	12.2	12.2	12.1	12.4	12.7	12.9	13.0	12.8
-87.5°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.2	5.1
-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: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8
85°	12.6	12.3	12.1	11.7	11.4	11.0	10.6	10.0	9.4	8.8	8.2
82.5°	21.4	20.9	20.4	19.9	19.3	18.6	17.9	16.9	15.9	14.7	13.5
80°	31.8	31.3	30.7	29.5	28.4	27.2	26.0	24.9	23.7	22.5	21.2
77.5°	44.1	43.4	42.3	40.5	38.6	36.7	34.9	33.4	31.9	30.4	28.7
75°	56.0	55.2	54.0	52.0	49.8	47.2	44.8	42.9	40.9	38.8	36.6
72.5°	67.4	66.4	65.1	63.5	61.6	59.3	56.4	53.4	50.4	47.7	45.0
70°	78.9	77.6	76.3	74.7	72.7	70.6	67.7	64.3	60.4	56.6	53.7
67.5°	90.9	89.2	87.8	86.5	84.7	82.5	79.2	75.6	71.8	67.4	63.4
65°	103.7	101.9	100.1	98.5	96.6	94.4	91.1	87.1	82.9	78.5	73.9
62.5°	116.5	115.2	113.2	110.8	108.3	105.6	102.5	98.6	94.1	89.0	83.9
60°	127.9	126.3	124.1	121.7	119.3	116.2	112.3	108.8	105.7	100.0	93.9
57.5°	137.7	135.9	133.2	130.6	128.3	124.7	120.6	116.7	112.8	108.8	103.6
55°	145.4	143.5	141.1	138.2	135.0	131.7	128.0	123.7	119.6	115.9	111.1
52.5°	153.0	151.1	148.7	145.9	142.5	138.6	134.5	130.3	126.4	122.7	118.3
50°	161.7	159.3	156.6	153.7	150.0	145.8	141.5	136.9	132.9	129.0	125.0
47.5°	172.4	168.9	165.1	161.6	157.5	152.9	148.3	143.7	139.3	134.8	130.7
45°	185.2	180.5	175.5	170.8	165.5	160.5	155.1	150.4	145.7	140.8	135.7
42.5°	201.5	194.4	187.9	181.5	174.8	168.8	162.7	157.2	151.9	146.6	141.2
40°	221.4	211.9	203.3	193.9	185.8	177.9	170.9	163.9	158.0	152.4	146.3
37.5°	245.9	233.5	221.7	209.5	198.7	188.4	179.6	171.6	163.9	157.7	151.4
35°	277.3	260.4	243.5	228.2	213.6	200.9	189.3	179.6	170.9	162.9	156.2
32.5°	319.8	295.8	270.2	250.5	231.2	214.6	200.7	188.4	177.9	168.8	160.8
30°	382.2	342.9	307.6	276.4	252.1	230.6	212.4	198.2	185.8	174.8	165.5
27.5°	471.6	404.1	356.4	310.4	274.9	248.9	226.9	208.3	193.7	181.5	170.7
25°	598.3	495.8	413.2	353.2	304.9	267.9	242.0	220.4	202.6	187.8	174.9
22.5°	772.0	616.8	490.0	399.0	339.4	293.4	258.4	232.4	210.7	193.4	179.3
20°	1027.6	761.2	589.4	464.6	378.2	317.9	275.5	244.9	219.8	199.2	183.2
17.5°	1330.9	961.3	698.1	531.6	423.5	349.2	295.4	256.4	228.0	204.2	186.3
15°	1654.2	1188.1	850.1	621.0	469.9	376.1	311.9	266.6	235.9	209.8	190.2
12.5°	2067.0	1432.6	983.4	695.7	515.5	405.3	331.1	279.6	243.7	215.8	194.3
10°	2457.5	1687.6	1145.6	794.1	571.0	434.0	348.1	289.5	249.7	220.6	197.7
7.5°	2826.5	1932.8	1285.9	868.9	613.9	456.8	360.7	296.7	253.9	223.9	200.2
5°	3097.0	2115.3	1395.7	926.7	644.2	473.3	368.9	301.2	256.5	225.8	202.0
2.5°	3302.6	2236.2	1462.5	960.6	661.5	483.1	373.8	304.5	258.9	227.4	203.8
0°	3397.2	2282.9	1484.8	978.6	671.8	485.9	376.0	306.7	260.6	228.0	204.9
-2.5°	3302.6	2236.2	1462.5	960.6	661.5	483.1	373.8	304.5	258.9	227.4	203.8
-5°	3097.0	2115.3	1395.7	926.7	644.2	473.3	368.9	301.2	256.5	225.8	202.0
-7.5°	2826.5	1932.8	1285.9	868.9	613.9	456.8	360.7	296.7	253.9	223.9	200.2
-10°	2457.5	1687.6	1145.6	794.1	571.0	434.0	348.1	289.5	249.7	220.6	197.7
-12.5°	2067.0	1432.6	983.4	695.7	515.5	405.3	331.1	279.6	243.7	215.8	194.3
-15°	1654.2	1188.1	850.1	621.0	469.9	376.1	311.9	266.6	235.9	209.8	190.2
-17.5°	1330.9	961.3	698.1	531.6	423.5	349.2	295.4	256.4	228.0	204.2	186.3
-20°	1027.6	761.2	589.4	464.6	378.2	317.9	275.5	244.9	219.8	199.2	183.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	772.0	616.8	490.0	399.0	339.4	293.4	258.4	232.4	210.7	193.4	179.3
-25°	598.3	495.8	413.2	353.2	304.9	267.9	242.0	220.4	202.6	187.8	174.9
-27.5°	471.6	404.1	356.4	310.4	274.9	248.9	226.9	208.3	193.7	181.5	170.7
-30°	382.2	342.9	307.6	276.4	252.1	230.6	212.4	198.2	185.8	174.8	165.5
-32.5°	319.8	295.8	270.2	250.5	231.2	214.6	200.7	188.4	177.9	168.8	160.8
-35°	277.3	260.4	243.5	228.2	213.6	200.9	189.3	179.6	170.9	162.9	156.2
-37.5°	245.9	233.5	221.7	209.5	198.7	188.4	179.6	171.6	163.9	157.7	151.4
-40°	221.4	211.9	203.3	193.9	185.8	177.9	170.9	163.9	158.0	152.4	146.3
-42.5°	201.5	194.4	187.9	181.5	174.8	168.8	162.7	157.2	151.9	146.6	141.2
-45°	185.2	180.5	175.5	170.8	165.5	160.5	155.1	150.4	145.7	140.8	135.7
-47.5°	172.4	168.9	165.1	161.6	157.5	152.9	148.3	143.7	139.3	134.8	130.7
-50°	161.7	159.3	156.6	153.7	150.0	145.8	141.5	136.9	132.9	129.0	125.0
-52.5°	153.0	151.1	148.7	145.9	142.5	138.6	134.5	130.3	126.4	122.7	118.3
-55°	145.4	143.5	141.1	138.2	135.0	131.7	128.0	123.7	119.6	115.9	111.1
-57.5°	137.7	135.9	133.2	130.6	128.3	124.7	120.6	116.7	112.8	108.8	103.6
-60°	127.9	126.3	124.1	121.7	119.3	116.2	112.3	108.8	105.7	100.0	93.9
-62.5°	116.5	115.2	113.2	110.8	108.3	105.6	102.5	98.6	94.1	89.0	83.9
-65°	103.7	101.9	100.1	98.5	96.6	94.4	91.1	87.1	82.9	78.5	73.9
-67.5°	90.9	89.2	87.8	86.5	84.7	82.5	79.2	75.6	71.8	67.4	63.4
-70°	78.9	77.6	76.3	74.7	72.7	70.6	67.7	64.3	60.4	56.6	53.7
-72.5°	67.4	66.4	65.1	63.5	61.6	59.3	56.4	53.4	50.4	47.7	45.0
-75°	56.0	55.2	54.0	52.0	49.8	47.2	44.8	42.9	40.9	38.8	36.6
-77.5°	44.1	43.4	42.3	40.5	38.6	36.7	34.9	33.4	31.9	30.4	28.7
-80°	31.8	31.3	30.7	29.5	28.4	27.2	26.0	24.9	23.7	22.5	21.2
-82.5°	21.4	20.9	20.4	19.9	19.3	18.6	17.9	16.9	15.9	14.7	13.5
-85°	12.6	12.3	12.1	11.7	11.4	11.0	10.6	10.0	9.4	8.8	8.2
-87.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.1	4.0	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: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
85°	7.9	7.5	7.1	6.6	6.0	5.4	5.0	4.6	4.1	3.7	3.2
82.5°	12.8	12.4	11.9	11.3	10.4	9.5	8.5	7.6	6.6	5.6	4.9
80°	19.9	18.7	17.5	16.3	14.9	13.5	12.3	11.0	9.7	8.4	7.0
77.5°	27.0	25.2	23.4	21.7	20.0	18.2	16.4	14.5	12.8	11.1	9.4
75°	34.2	32.1	29.9	27.6	25.2	22.9	20.7	18.5	16.2	13.9	11.8
72.5°	42.3	39.5	36.6	33.6	30.9	28.1	25.2	22.3	19.7	17.0	14.3
70°	50.7	47.2	43.7	40.4	36.9	33.2	30.0	26.6	23.2	20.1	17.0
67.5°	59.6	56.0	51.9	47.5	43.5	39.3	34.9	30.9	27.1	23.2	19.7
65°	69.2	64.8	60.6	55.4	50.4	45.5	40.7	35.4	30.9	26.6	22.3
62.5°	78.7	73.3	68.2	63.0	57.5	51.9	46.4	40.5	34.8	30.0	25.2
60°	88.1	82.1	75.7	69.8	64.1	58.2	52.0	45.5	39.2	33.2	28.1
57.5°	97.0	90.7	83.5	76.5	70.1	64.0	57.3	50.3	43.4	36.8	30.9
55°	105.2	98.3	90.8	83.2	76.0	69.3	62.4	54.9	47.5	40.4	33.5
52.5°	112.8	105.6	97.6	89.5	81.6	74.3	67.1	59.4	51.5	43.9	36.4
50°	119.9	112.8	104.4	95.7	87.0	79.3	71.7	63.6	55.3	47.2	39.3
47.5°	126.1	119.3	111.1	101.8	92.6	84.2	76.2	67.7	58.9	50.3	42.1
45°	131.1	125.4	117.5	108.1	98.2	89.3	80.6	71.8	62.5	53.4	44.7
42.5°	135.7	130.4	123.3	114.2	103.9	94.4	85.0	75.7	66.0	56.3	47.2
40°	140.5	134.8	128.7	119.5	109.3	99.2	89.4	79.6	69.4	59.1	49.7
37.5°	144.9	139.0	132.8	124.5	114.2	103.8	93.6	83.3	72.6	62.0	51.9
35°	149.4	142.8	136.4	128.4	118.4	107.9	97.6	86.9	75.6	64.6	54.1
32.5°	153.7	146.3	139.4	131.6	122.3	111.6	101.2	90.0	78.5	67.0	56.1
30°	157.6	149.6	142.3	134.7	125.6	114.9	104.2	92.8	81.1	69.2	58.0
27.5°	160.8	152.4	145.1	137.3	128.2	117.8	106.8	95.4	83.5	71.3	59.8
25°	163.9	154.9	147.3	139.7	130.7	120.7	109.3	97.6	85.6	73.2	61.4
22.5°	167.4	157.3	149.0	142.0	133.2	123.6	111.6	99.6	87.5	75.0	62.9
20°	170.5	159.3	150.3	143.8	135.2	125.7	113.8	101.4	89.1	76.6	64.1
17.5°	173.2	161.5	152.0	144.9	136.8	127.5	115.9	102.9	90.4	77.9	65.2
15°	176.0	163.7	153.5	145.7	138.0	129.0	117.8	104.3	91.5	79.0	66.2
12.5°	178.5	165.6	154.7	146.4	139.0	130.2	119.4	105.4	92.3	80.0	67.1
10°	180.6	167.0	155.6	146.8	139.7	131.2	120.8	106.5	93.2	80.7	67.8
7.5°	182.2	168.0	156.2	147.0	140.2	131.9	122.0	107.7	94.0	81.2	68.4
5°	183.4	168.8	157.1	147.9	140.7	132.5	122.9	108.7	94.5	81.5	68.8
2.5°	184.3	169.5	158.1	148.7	141.1	132.9	123.3	109.4	94.9	81.6	69.1
0°	184.6	169.7	158.8	149.3	141.2	133.0	123.5	109.9	95.0	81.4	69.2
-2.5°	184.3	169.5	158.1	148.7	141.1	132.9	123.3	109.4	94.9	81.6	69.1
-5°	183.4	168.8	157.1	147.9	140.7	132.5	122.9	108.7	94.5	81.5	68.8
-7.5°	182.2	168.0	156.2	147.0	140.2	131.9	122.0	107.7	94.0	81.2	68.4
-10°	180.6	167.0	155.6	146.8	139.7	131.2	120.8	106.5	93.2	80.7	67.8
-12.5°	178.5	165.6	154.7	146.4	139.0	130.2	119.4	105.4	92.3	80.0	67.1
-15°	176.0	163.7	153.5	145.7	138.0	129.0	117.8	104.3	91.5	79.0	66.2
-17.5°	173.2	161.5	152.0	144.9	136.8	127.5	115.9	102.9	90.4	77.9	65.2
-20°	170.5	159.3	150.3	143.8	135.2	125.7	113.8	101.4	89.1	76.6	64.1

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Scaled Data Report



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-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°	167.4	157.3	149.0	142.0	133.2	123.6	111.6	99.6	87.5	75.0	62.9
-25°	163.9	154.9	147.3	139.7	130.7	120.7	109.3	97.6	85.6	73.2	61.4
-27.5°	160.8	152.4	145.1	137.3	128.2	117.8	106.8	95.4	83.5	71.3	59.8
-30°	157.6	149.6	142.3	134.7	125.6	114.9	104.2	92.8	81.1	69.2	58.0
-32.5°	153.7	146.3	139.4	131.6	122.3	111.6	101.2	90.0	78.5	67.0	56.1
-35°	149.4	142.8	136.4	128.4	118.4	107.9	97.6	86.9	75.6	64.6	54.1
-37.5°	144.9	139.0	132.8	124.5	114.2	103.8	93.6	83.3	72.6	62.0	51.9
-40°	140.5	134.8	128.7	119.5	109.3	99.2	89.4	79.6	69.4	59.1	49.7
-42.5°	135.7	130.4	123.3	114.2	103.9	94.4	85.0	75.7	66.0	56.3	47.2
-45°	131.1	125.4	117.5	108.1	98.2	89.3	80.6	71.8	62.5	53.4	44.7
-47.5°	126.1	119.3	111.1	101.8	92.6	84.2	76.2	67.7	58.9	50.3	42.1
-50°	119.9	112.8	104.4	95.7	87.0	79.3	71.7	63.6	55.3	47.2	39.3
-52.5°	112.8	105.6	97.6	89.5	81.6	74.3	67.1	59.4	51.5	43.9	36.4
-55°	105.2	98.3	90.8	83.2	76.0	69.3	62.4	54.9	47.5	40.4	33.5
-57.5°	97.0	90.7	83.5	76.5	70.1	64.0	57.3	50.3	43.4	36.8	30.9
-60°	88.1	82.1	75.7	69.8	64.1	58.2	52.0	45.5	39.2	33.2	28.1
-62.5°	78.7	73.3	68.2	63.0	57.5	51.9	46.4	40.5	34.8	30.0	25.2
-65°	69.2	64.8	60.6	55.4	50.4	45.5	40.7	35.4	30.9	26.6	22.3
-67.5°	59.6	56.0	51.9	47.5	43.5	39.3	34.9	30.9	27.1	23.2	19.7
-70°	50.7	47.2	43.7	40.4	36.9	33.2	30.0	26.6	23.2	20.1	17.0
-72.5°	42.3	39.5	36.6	33.6	30.9	28.1	25.2	22.3	19.7	17.0	14.3
-75°	34.2	32.1	29.9	27.6	25.2	22.9	20.7	18.5	16.2	13.9	11.8
-77.5°	27.0	25.2	23.4	21.7	20.0	18.2	16.4	14.5	12.8	11.1	9.4
-80°	19.9	18.7	17.5	16.3	14.9	13.5	12.3	11.0	9.7	8.4	7.0
-82.5°	12.8	12.4	11.9	11.3	10.4	9.5	8.5	7.6	6.6	5.6	4.9
-85°	7.9	7.5	7.1	6.6	6.0	5.4	5.0	4.6	4.1	3.7	3.2
-87.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626729 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
80°	5.6	4.7	3.7	2.8	1.9	0.8	0.0
77.5°	7.7	6.0	4.7	3.5	2.3	1.0	0.0
75°	9.8	7.6	5.6	4.2	2.8	1.2	0.0
72.5°	11.8	9.2	6.9	4.9	3.2	1.4	0.0
70°	13.8	10.8	8.1	5.6	3.6	1.6	0.0
67.5°	16.0	12.4	9.3	6.4	4.1	1.8	0.0
65°	18.3	14.0	10.4	7.3	4.5	2.0	0.0
62.5°	20.5	15.9	11.6	8.1	4.8	2.2	0.0
60°	22.6	17.6	12.7	8.9	5.2	2.3	0.0
57.5°	24.9	19.4	14.0	9.7	5.7	2.5	0.0
55°	27.2	21.0	15.4	10.4	6.2	2.7	0.0
52.5°	29.5	22.7	16.7	11.1	6.7	2.8	0.0
50°	31.6	24.5	17.9	11.8	7.1	3.0	0.0
47.5°	33.7	26.2	19.1	12.5	7.6	3.1	0.0
45°	36.0	27.9	20.3	13.4	8.0	3.2	0.0
42.5°	38.2	29.5	21.4	14.2	8.4	3.3	0.0
40°	40.2	31.0	22.5	15.0	8.8	3.5	0.0
37.5°	42.2	32.5	23.7	15.8	9.2	3.6	0.0
35°	44.0	33.9	24.8	16.5	9.5	3.7	0.0
32.5°	45.7	35.4	25.8	17.2	9.9	3.8	0.0
30°	47.4	36.7	26.7	17.9	10.2	3.8	0.0
27.5°	48.8	37.9	27.6	18.5	10.5	3.9	0.0
25°	50.2	39.1	28.5	19.0	10.8	4.0	0.0
22.5°	51.4	40.1	29.3	19.5	11.0	4.0	0.0
20°	52.5	40.9	29.9	20.0	11.3	4.1	0.0
17.5°	53.4	41.7	30.6	20.4	11.5	4.1	0.0
15°	54.2	42.3	31.1	20.7	11.7	4.1	0.0
12.5°	54.8	42.8	31.6	21.0	11.8	4.1	0.0
10°	55.2	43.1	31.9	21.3	12.0	4.1	0.0
7.5°	55.5	43.4	32.2	21.5	12.1	4.1	0.0
5°	55.7	43.5	32.4	21.6	12.1	4.1	0.0
2.5°	55.7	43.5	32.6	21.7	12.2	4.1	0.0
0°	55.6	43.4	32.6	21.7	12.2	4.1	0.0
-2.5°	55.7	43.5	32.6	21.7	12.2	4.1	0.0
-5°	55.7	43.5	32.4	21.6	12.1	4.1	0.0
-7.5°	55.5	43.4	32.2	21.5	12.1	4.1	0.0
-10°	55.2	43.1	31.9	21.3	12.0	4.1	0.0
-12.5°	54.8	42.8	31.6	21.0	11.8	4.1	0.0
-15°	54.2	42.3	31.1	20.7	11.7	4.1	0.0
-17.5°	53.4	41.7	30.6	20.4	11.5	4.1	0.0
-20°	52.5	40.9	29.9	20.0	11.3	4.1	0.0

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CATALOG NUMBER: GFLD-SA1D-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.4	40.1	29.3	19.5	11.0	4.0	0.0
-25°	50.2	39.1	28.5	19.0	10.8	4.0	0.0
-27.5°	48.8	37.9	27.6	18.5	10.5	3.9	0.0
-30°	47.4	36.7	26.7	17.9	10.2	3.8	0.0
-32.5°	45.7	35.4	25.8	17.2	9.9	3.8	0.0
-35°	44.0	33.9	24.8	16.5	9.5	3.7	0.0
-37.5°	42.2	32.5	23.7	15.8	9.2	3.6	0.0
-40°	40.2	31.0	22.5	15.0	8.8	3.5	0.0
-42.5°	38.2	29.5	21.4	14.2	8.4	3.3	0.0
-45°	36.0	27.9	20.3	13.4	8.0	3.2	0.0
-47.5°	33.7	26.2	19.1	12.5	7.6	3.1	0.0
-50°	31.6	24.5	17.9	11.8	7.1	3.0	0.0
-52.5°	29.5	22.7	16.7	11.1	6.7	2.8	0.0
-55°	27.2	21.0	15.4	10.4	6.2	2.7	0.0
-57.5°	24.9	19.4	14.0	9.7	5.7	2.5	0.0
-60°	22.6	17.6	12.7	8.9	5.2	2.3	0.0
-62.5°	20.5	15.9	11.6	8.1	4.8	2.2	0.0
-65°	18.3	14.0	10.4	7.3	4.5	2.0	0.0
-67.5°	16.0	12.4	9.3	6.4	4.1	1.8	0.0
-70°	13.8	10.8	8.1	5.6	3.6	1.6	0.0
-72.5°	11.8	9.2	6.9	4.9	3.2	1.4	0.0
-75°	9.8	7.6	5.6	4.2	2.8	1.2	0.0
-77.5°	7.7	6.0	4.7	3.5	2.3	1.0	0.0
-80°	5.6	4.7	3.7	2.8	1.9	0.8	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)