

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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626829 (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-SA2B-722-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N33
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

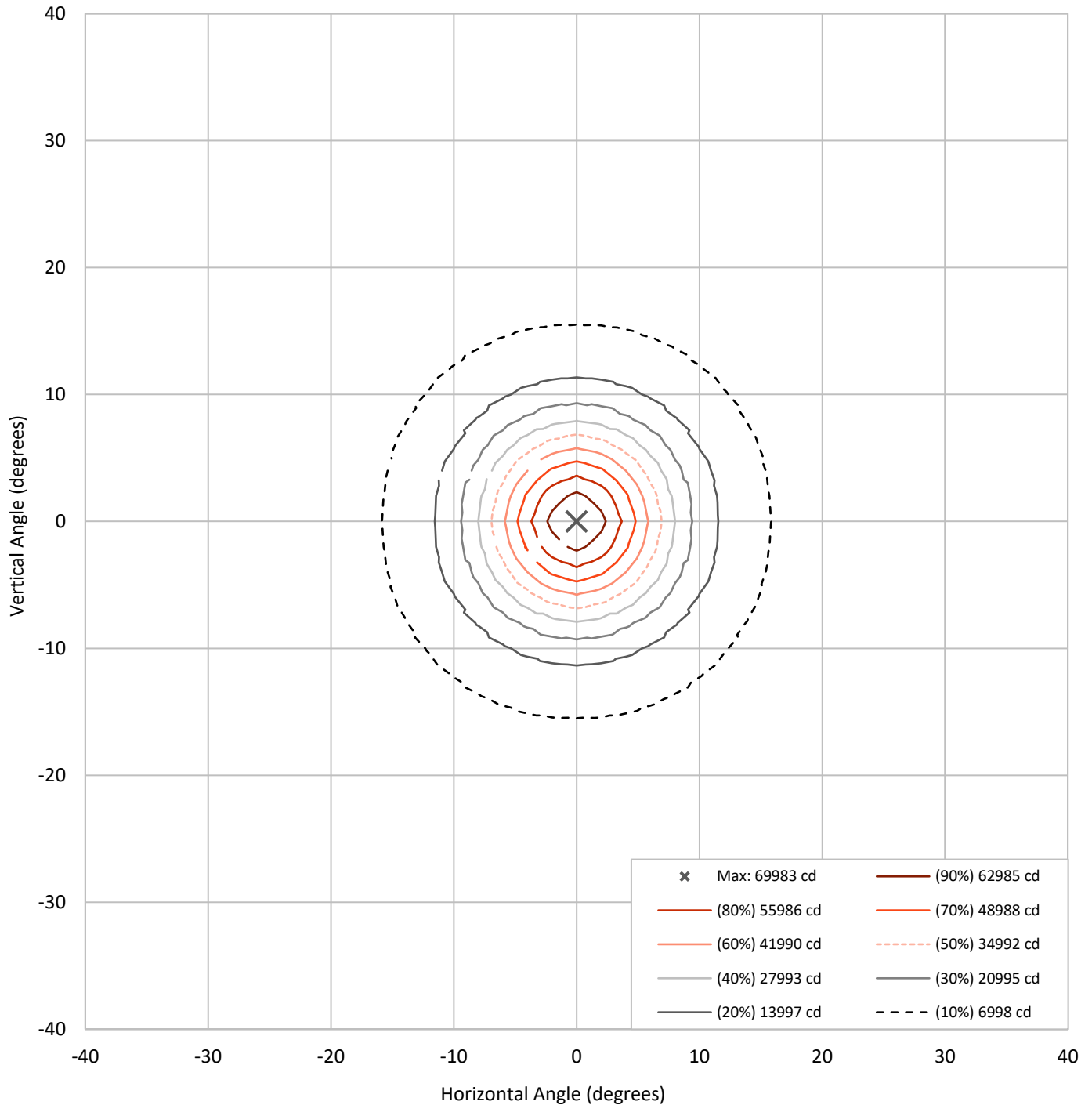
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7431.2 lumens	Max Intensity:	69983 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	2197.1 lumens	Field Lumens:	4944.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	63.6		
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





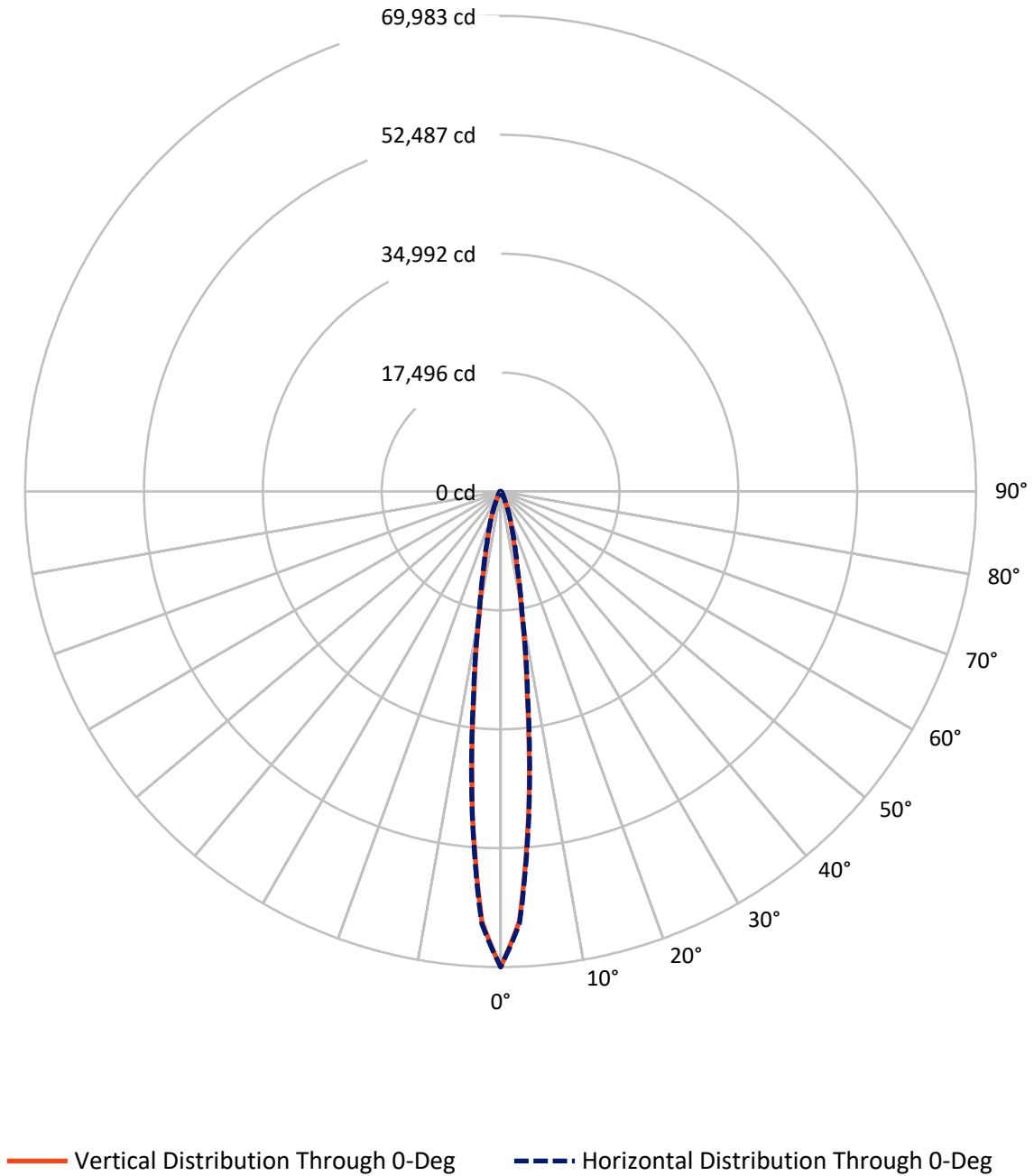
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Lumen Table

90	0.1	1.0		2.7		4.3		4.7		4.3		2.7		1.0		0.1
80	0.1	1.0		2.7		4.3		4.7		4.3		2.7		1.0		0.1
70	0.5	0.5	1.1	1.8	2.5	3.1	3.4	3.6	3.6	3.4	3.1	2.5	1.8	1.1	0.5	0.5
60		0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	
50	0.8	1.0	2.1	3.2	4.3	5.4	6.4	6.9	6.9	6.4	5.4	4.3	3.2	2.1	1.0	0.8
40		1.2	2.5	3.7	5.3	7.6	10.7	13.3	13.3	10.7	7.6	5.3	3.7	2.5	1.2	
30	1.1	1.4	2.7	4.2	6.8	13.6	30.9	51.2	51.2	30.9	13.6	6.8	4.2	2.7	1.4	1.1
20		1.5	2.8	4.6	9.1	28.8	102.4	220.5	220.5	102.4	28.8	9.1	4.6	2.8	1.5	
10	1.1	1.6	2.9	4.9	11.0	47.5	222.6	961.4	961.4	222.6	47.5	11.0	4.9	2.9	1.6	1.1
0		1.6	2.9	4.9	11.0	47.5	222.6	961.4	961.4	222.6	47.5	11.0	4.9	2.9	1.6	
-10	1.1	1.5	2.8	4.6	9.1	28.8	102.4	220.5	220.5	102.4	28.8	9.1	4.6	2.8	1.5	1.1
-20		1.4	2.7	4.2	6.8	13.6	30.9	51.2	51.2	30.9	13.6	6.8	4.2	2.7	1.4	
-30	0.8	1.2	2.5	3.7	5.3	7.6	10.7	13.3	13.3	10.7	7.6	5.3	3.7	2.5	1.2	0.8
-40		1.0	2.1	3.2	4.3	5.4	6.4	6.9	6.9	6.4	5.4	4.3	3.2	2.1	1.0	
-50	0.5	0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.8	2.5	3.1	3.4	3.6	3.6	3.4	3.1	2.5	1.8	1.1	0.5	
-70	0.1	1.0		2.7		4.3		4.7		4.3		2.7		1.0		0.1
-80		1.0		2.7		4.3		4.7		4.3		2.7		1.0		
-90	0.1	1.0		2.7		4.3		4.7		4.3		2.7		1.0		0.1

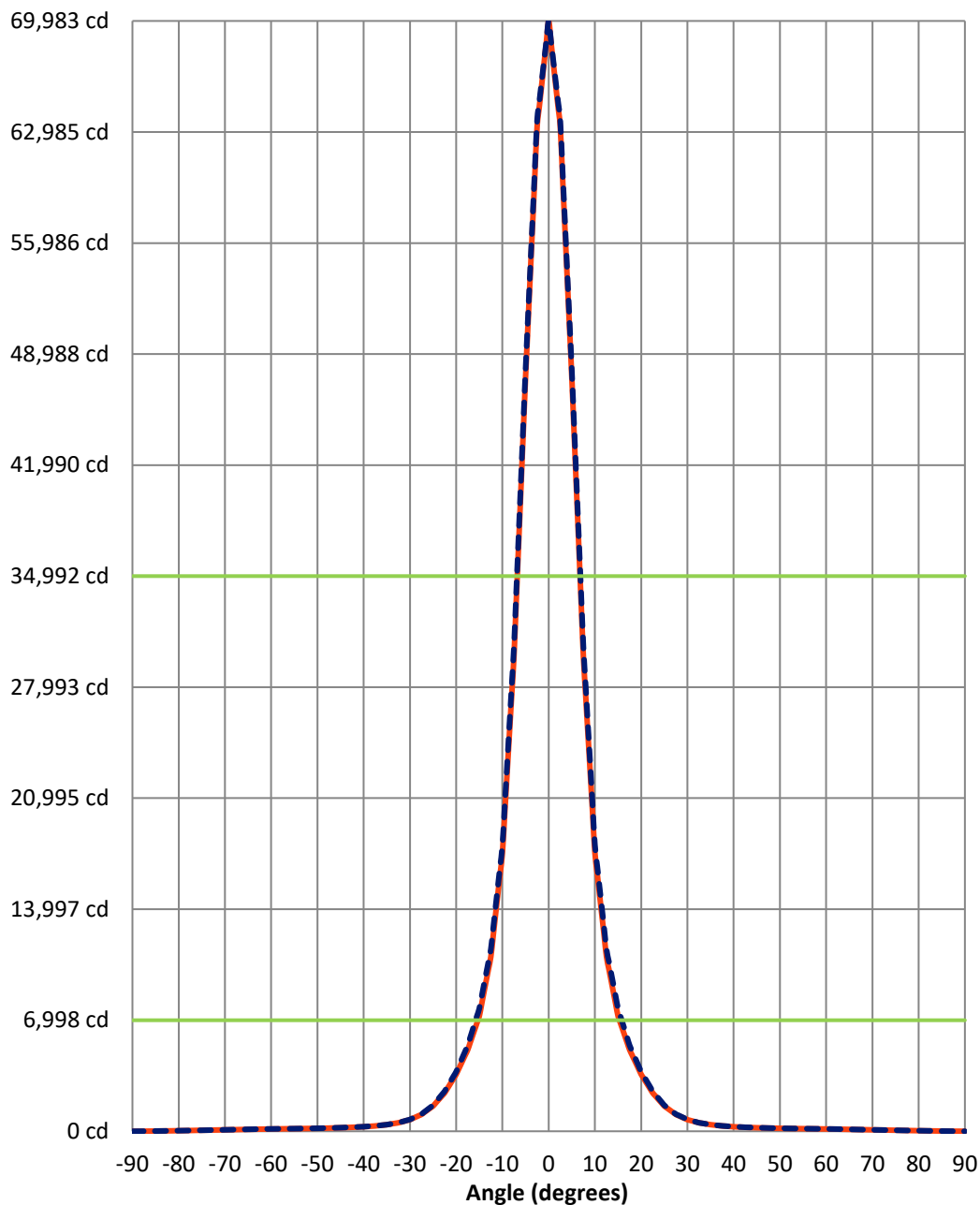
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2197.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4944.3
 Efficiency: 66.5%

Spill:
 Lumens: 2486.9
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.3	10.7	12.2
77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.3	14.1	16.0
75°	0.0	1.4	3.1	4.6	6.2	8.4	10.8	13.1	15.3	17.9	20.4
72.5°	0.0	1.6	3.6	5.4	7.6	10.2	13.0	15.8	18.8	21.8	24.7
70°	0.0	1.8	4.0	6.2	9.0	11.9	15.2	18.8	22.2	25.6	29.4
67.5°	0.0	2.0	4.5	7.1	10.3	13.6	17.7	21.8	25.6	29.9	34.2
65°	0.0	2.2	4.9	8.1	11.5	15.5	20.2	24.7	29.4	34.2	39.2
62.5°	0.0	2.4	5.4	9.0	12.8	17.5	22.6	27.8	33.1	38.5	44.8
60°	0.0	2.6	5.8	9.8	14.0	19.5	24.9	31.0	36.8	43.4	50.3
57.5°	0.0	2.8	6.3	10.7	15.5	21.4	27.5	34.1	40.8	48.1	55.6
55°	0.0	2.9	6.9	11.5	17.0	23.2	30.1	37.1	44.7	52.6	60.7
52.5°	0.0	3.1	7.4	12.3	18.4	25.1	32.6	40.3	48.5	56.9	65.6
50°	0.0	3.3	7.9	13.0	19.8	27.1	35.0	43.5	52.2	61.1	70.3
47.5°	0.0	3.4	8.4	13.8	21.2	29.0	37.3	46.5	55.6	65.0	74.9
45°	0.0	3.6	8.8	14.8	22.4	30.8	39.8	49.4	59.0	69.0	79.3
42.5°	0.0	3.7	9.3	15.7	23.7	32.6	42.2	52.2	62.2	73.0	83.7
40°	0.0	3.8	9.7	16.6	24.9	34.3	44.5	54.9	65.3	76.8	87.9
37.5°	0.0	3.9	10.2	17.5	26.2	35.9	46.6	57.4	68.5	80.3	92.1
35°	0.0	4.0	10.6	18.3	27.4	37.5	48.7	59.8	71.4	83.6	96.0
32.5°	0.0	4.1	10.9	19.0	28.5	39.1	50.6	62.0	74.1	86.7	99.5
30°	0.0	4.2	11.3	19.8	29.5	40.5	52.3	64.1	76.5	89.6	102.6
27.5°	0.0	4.3	11.6	20.4	30.5	41.9	54.0	66.1	78.8	92.3	105.4
25°	0.0	4.4	11.9	21.0	31.5	43.1	55.5	67.9	81.0	94.7	107.9
22.5°	0.0	4.4	12.2	21.6	32.3	44.3	56.8	69.5	82.9	96.7	110.0
20°	0.0	4.5	12.5	22.1	33.1	45.2	58.0	70.9	84.6	98.4	112.0
17.5°	0.0	4.5	12.7	22.5	33.8	46.1	59.1	72.1	86.1	99.9	113.7
15°	0.0	4.5	12.9	22.9	34.3	46.7	59.9	73.2	87.4	101.1	115.2
12.5°	0.0	4.6	13.1	23.2	34.9	47.3	60.5	74.1	88.4	102.0	116.5
10°	0.0	4.6	13.2	23.5	35.3	47.7	61.0	75.0	89.2	103.0	117.7
7.5°	0.0	4.6	13.3	23.7	35.6	48.0	61.4	75.6	89.8	103.9	119.0
5°	0.0	4.5	13.4	23.9	35.8	48.1	61.6	76.1	90.1	104.5	120.2
2.5°	0.0	4.5	13.5	24.0	36.0	48.1	61.6	76.4	90.2	104.9	121.0
0°	0.0	4.5	13.5	24.0	36.0	48.0	61.5	76.5	90.0	105.0	121.5
-2.5°	0.0	4.5	13.5	24.0	36.0	48.1	61.6	76.4	90.2	104.9	121.0
-5°	0.0	4.5	13.4	23.9	35.8	48.1	61.6	76.1	90.1	104.5	120.2
-7.5°	0.0	4.6	13.3	23.7	35.6	48.0	61.4	75.6	89.8	103.9	119.0
-10°	0.0	4.6	13.2	23.5	35.3	47.7	61.0	75.0	89.2	103.0	117.7
-12.5°	0.0	4.6	13.1	23.2	34.9	47.3	60.5	74.1	88.4	102.0	116.5
-15°	0.0	4.5	12.9	22.9	34.3	46.7	59.9	73.2	87.4	101.1	115.2
-17.5°	0.0	4.5	12.7	22.5	33.8	46.1	59.1	72.1	86.1	99.9	113.7
-20°	0.0	4.5	12.5	22.1	33.1	45.2	58.0	70.9	84.6	98.4	112.0

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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	4.4	12.2	21.6	32.3	44.3	56.8	69.5	82.9	96.7	110.0
-25°	0.0	4.4	11.9	21.0	31.5	43.1	55.5	67.9	81.0	94.7	107.9
-27.5°	0.0	4.3	11.6	20.4	30.5	41.9	54.0	66.1	78.8	92.3	105.4
-30°	0.0	4.2	11.3	19.8	29.5	40.5	52.3	64.1	76.5	89.6	102.6
-32.5°	0.0	4.1	10.9	19.0	28.5	39.1	50.6	62.0	74.1	86.7	99.5
-35°	0.0	4.0	10.6	18.3	27.4	37.5	48.7	59.8	71.4	83.6	96.0
-37.5°	0.0	3.9	10.2	17.5	26.2	35.9	46.6	57.4	68.5	80.3	92.1
-40°	0.0	3.8	9.7	16.6	24.9	34.3	44.5	54.9	65.3	76.8	87.9
-42.5°	0.0	3.7	9.3	15.7	23.7	32.6	42.2	52.2	62.2	73.0	83.7
-45°	0.0	3.6	8.8	14.8	22.4	30.8	39.8	49.4	59.0	69.0	79.3
-47.5°	0.0	3.4	8.4	13.8	21.2	29.0	37.3	46.5	55.6	65.0	74.9
-50°	0.0	3.3	7.9	13.0	19.8	27.1	35.0	43.5	52.2	61.1	70.3
-52.5°	0.0	3.1	7.4	12.3	18.4	25.1	32.6	40.3	48.5	56.9	65.6
-55°	0.0	2.9	6.9	11.5	17.0	23.2	30.1	37.1	44.7	52.6	60.7
-57.5°	0.0	2.8	6.3	10.7	15.5	21.4	27.5	34.1	40.8	48.1	55.6
-60°	0.0	2.6	5.8	9.8	14.0	19.5	24.9	31.0	36.8	43.4	50.3
-62.5°	0.0	2.4	5.4	9.0	12.8	17.5	22.6	27.8	33.1	38.5	44.8
-65°	0.0	2.2	4.9	8.1	11.5	15.5	20.2	24.7	29.4	34.2	39.2
-67.5°	0.0	2.0	4.5	7.1	10.3	13.6	17.7	21.8	25.6	29.9	34.2
-70°	0.0	1.8	4.0	6.2	9.0	11.9	15.2	18.8	22.2	25.6	29.4
-72.5°	0.0	1.6	3.6	5.4	7.6	10.2	13.0	15.8	18.8	21.8	24.7
-75°	0.0	1.4	3.1	4.6	6.2	8.4	10.8	13.1	15.3	17.9	20.4
-77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.3	14.1	16.0
-80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.3	10.7	12.2
-82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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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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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.7	7.3	7.9	8.4	8.8	9.1	9.7	10.4	11.0
82.5°	9.4	10.5	11.5	12.5	13.1	13.7	14.2	15.0	16.3	17.5	18.7
80°	13.6	14.9	16.5	18.0	19.3	20.6	22.0	23.4	24.8	26.2	27.5
77.5°	18.1	20.1	22.0	24.0	25.8	27.9	29.9	31.8	33.6	35.3	37.0
75°	22.8	25.2	27.9	30.5	33.0	35.5	37.9	40.4	42.9	45.3	47.5
72.5°	27.8	31.0	34.1	37.2	40.5	43.7	46.8	49.8	52.7	55.8	59.0
70°	33.1	36.8	40.8	44.7	48.4	52.2	56.1	59.4	62.6	66.8	71.1
67.5°	38.6	43.5	48.1	52.5	57.4	61.9	65.8	70.0	74.5	79.4	83.6
65°	45.0	50.3	55.7	61.2	66.9	71.6	76.5	81.7	86.8	91.7	96.3
62.5°	51.3	57.4	63.5	69.6	75.4	81.0	87.0	92.8	98.4	104.0	109.0
60°	57.4	64.3	70.8	77.1	83.7	90.7	97.3	103.7	110.4	116.8	120.1
57.5°	63.4	70.7	77.5	84.6	92.3	100.2	107.1	114.4	120.1	124.5	128.8
55°	68.9	76.5	84.0	91.9	100.3	108.6	116.2	122.7	128.0	132.0	136.6
52.5°	74.1	82.1	90.2	98.9	107.9	116.6	124.6	130.7	135.4	139.6	143.9
50°	79.2	87.6	96.2	105.8	115.3	124.6	132.4	138.0	142.5	146.8	151.2
47.5°	84.2	93.1	102.3	112.5	122.8	131.8	139.2	144.3	148.8	153.9	158.7
45°	89.1	98.7	108.5	119.4	129.7	138.4	144.8	149.9	155.5	160.9	166.1
42.5°	93.9	104.3	114.8	126.1	136.2	144.0	149.9	155.9	162.0	167.8	173.6
40°	98.8	109.6	120.8	132.0	142.1	148.9	155.2	161.7	168.3	174.6	181.1
37.5°	103.4	114.6	126.1	137.5	146.7	153.6	160.1	167.2	174.2	181.1	189.5
35°	107.8	119.2	130.8	141.8	150.7	157.7	165.0	172.6	179.9	188.8	198.4
32.5°	111.8	123.3	135.0	145.3	154.0	161.6	169.8	177.7	186.5	196.5	208.1
30°	115.1	126.9	138.7	148.7	157.2	165.3	174.1	182.8	193.2	205.2	218.9
27.5°	118.0	130.1	141.6	151.6	160.2	168.3	177.6	188.6	200.5	214.0	230.1
25°	120.8	133.3	144.3	154.3	162.7	171.1	181.1	193.2	207.5	223.7	243.5
22.5°	123.3	136.5	147.1	156.8	164.6	173.7	184.9	198.1	213.6	232.7	256.7
20°	125.8	138.8	149.3	158.8	166.0	175.9	188.3	202.4	220.0	242.8	270.6
17.5°	128.0	140.8	151.0	160.0	167.9	178.3	191.3	205.9	225.6	251.9	283.3
15°	130.1	142.5	152.4	160.9	169.5	180.8	194.4	210.2	231.8	260.6	294.6
12.5°	131.9	143.8	153.5	161.6	170.9	182.9	197.2	214.7	238.4	269.2	308.9
10°	133.4	144.9	154.3	162.2	171.9	184.5	199.5	218.4	243.7	275.8	319.8
7.5°	134.8	145.7	154.8	162.4	172.5	185.6	201.3	221.2	247.4	280.6	327.8
5°	135.7	146.4	155.4	163.4	173.6	186.4	202.6	223.1	249.5	283.4	332.7
2.5°	136.2	146.8	155.8	164.2	174.6	187.2	203.6	225.2	251.3	286.1	336.5
0°	136.4	146.9	155.9	164.9	175.4	187.4	203.9	226.4	251.9	287.9	338.9
-2.5°	136.2	146.8	155.8	164.2	174.6	187.2	203.6	225.2	251.3	286.1	336.5
-5°	135.7	146.4	155.4	163.4	173.6	186.4	202.6	223.1	249.5	283.4	332.7
-7.5°	134.8	145.7	154.8	162.4	172.5	185.6	201.3	221.2	247.4	280.6	327.8
-10°	133.4	144.9	154.3	162.2	171.9	184.5	199.5	218.4	243.7	275.8	319.8
-12.5°	131.9	143.8	153.5	161.6	170.9	182.9	197.2	214.7	238.4	269.2	308.9
-15°	130.1	142.5	152.4	160.9	169.5	180.8	194.4	210.2	231.8	260.6	294.6
-17.5°	128.0	140.8	151.0	160.0	167.9	178.3	191.3	205.9	225.6	251.9	283.3
-20°	125.8	138.8	149.3	158.8	166.0	175.9	188.3	202.4	220.0	242.8	270.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	123.3	136.5	147.1	156.8	164.6	173.7	184.9	198.1	213.6	232.7	256.7
-25°	120.8	133.3	144.3	154.3	162.7	171.1	181.1	193.2	207.5	223.7	243.5
-27.5°	118.0	130.1	141.6	151.6	160.2	168.3	177.6	188.6	200.5	214.0	230.1
-30°	115.1	126.9	138.7	148.7	157.2	165.3	174.1	182.8	193.2	205.2	218.9
-32.5°	111.8	123.3	135.0	145.3	154.0	161.6	169.8	177.7	186.5	196.5	208.1
-35°	107.8	119.2	130.8	141.8	150.7	157.7	165.0	172.6	179.9	188.8	198.4
-37.5°	103.4	114.6	126.1	137.5	146.7	153.6	160.1	167.2	174.2	181.1	189.5
-40°	98.8	109.6	120.8	132.0	142.1	148.9	155.2	161.7	168.3	174.6	181.1
-42.5°	93.9	104.3	114.8	126.1	136.2	144.0	149.9	155.9	162.0	167.8	173.6
-45°	89.1	98.7	108.5	119.4	129.7	138.4	144.8	149.9	155.5	160.9	166.1
-47.5°	84.2	93.1	102.3	112.5	122.8	131.8	139.2	144.3	148.8	153.9	158.7
-50°	79.2	87.6	96.2	105.8	115.3	124.6	132.4	138.0	142.5	146.8	151.2
-52.5°	74.1	82.1	90.2	98.9	107.9	116.6	124.6	130.7	135.4	139.6	143.9
-55°	68.9	76.5	84.0	91.9	100.3	108.6	116.2	122.7	128.0	132.0	136.6
-57.5°	63.4	70.7	77.5	84.6	92.3	100.2	107.1	114.4	120.1	124.5	128.8
-60°	57.4	64.3	70.8	77.1	83.7	90.7	97.3	103.7	110.4	116.8	120.1
-62.5°	51.3	57.4	63.5	69.6	75.4	81.0	87.0	92.8	98.4	104.0	109.0
-65°	45.0	50.3	55.7	61.2	66.9	71.6	76.5	81.7	86.8	91.7	96.3
-67.5°	38.6	43.5	48.1	52.5	57.4	61.9	65.8	70.0	74.5	79.4	83.6
-70°	33.1	36.8	40.8	44.7	48.4	52.2	56.1	59.4	62.6	66.8	71.1
-72.5°	27.8	31.0	34.1	37.2	40.5	43.7	46.8	49.8	52.7	55.8	59.0
-75°	22.8	25.2	27.9	30.5	33.0	35.5	37.9	40.4	42.9	45.3	47.5
-77.5°	18.1	20.1	22.0	24.0	25.8	27.9	29.9	31.8	33.6	35.3	37.0
-80°	13.6	14.9	16.5	18.0	19.3	20.6	22.0	23.4	24.8	26.2	27.5
-82.5°	9.4	10.5	11.5	12.5	13.1	13.7	14.2	15.0	16.3	17.5	18.7
-85°	5.5	6.0	6.7	7.3	7.9	8.4	8.8	9.1	9.7	10.4	11.0
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
85°	11.7	12.2	12.6	13.0	13.3	13.6	13.9	14.2	14.4	14.2	14.0
82.5°	19.8	20.5	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.4	24.3
80°	28.8	30.0	31.3	32.6	33.9	34.6	35.2	35.6	35.9	36.0	36.0
77.5°	38.6	40.6	42.7	44.8	46.8	47.9	48.7	49.4	50.0	50.1	50.0
75°	49.6	52.2	55.0	57.5	59.6	60.9	61.9	62.6	63.3	63.4	63.3
72.5°	62.3	65.5	68.0	70.1	72.0	73.4	74.5	75.5	76.3	76.6	76.7
70°	74.9	78.0	80.4	82.5	84.3	85.8	87.2	88.3	89.3	90.0	90.6
67.5°	87.6	91.1	93.6	95.5	97.1	98.6	100.4	102.0	103.3	104.2	104.7
65°	100.6	104.3	106.7	108.8	110.6	112.6	114.6	116.1	117.1	117.7	118.1
62.5°	113.2	116.7	119.6	122.4	125.1	127.3	128.7	129.9	131.0	131.9	132.6
60°	124.0	128.4	131.7	134.4	137.0	139.5	141.3	142.6	143.7	144.5	144.9
57.5°	133.2	137.7	141.7	144.3	147.1	150.1	152.1	153.2	154.3	155.2	155.6
55°	141.3	145.4	149.1	152.6	155.8	158.5	160.7	162.2	163.5	164.5	164.9
52.5°	148.6	153.1	157.4	161.1	164.3	166.9	169.0	170.9	172.3	173.3	173.8
50°	156.2	161.1	165.7	169.8	173.0	175.9	178.5	180.8	182.9	184.6	185.9
47.5°	163.7	168.9	174.0	178.5	182.4	186.6	190.4	193.6	196.7	199.3	201.0
45°	171.3	177.3	182.8	188.7	193.9	199.4	204.6	209.0	213.5	217.0	219.3
42.5°	179.8	186.5	193.2	200.5	207.6	214.8	222.6	229.5	234.9	239.9	244.0
40°	188.8	196.5	205.2	214.1	224.6	234.1	244.6	253.6	261.7	270.3	277.2
37.5°	198.4	208.1	219.5	231.4	245.0	258.0	271.7	285.1	296.9	310.7	321.3
35°	209.1	222.0	236.0	252.2	269.1	287.7	306.4	328.0	346.6	367.1	384.9
32.5°	221.6	237.1	255.5	276.8	298.5	326.8	353.3	387.6	417.3	449.8	482.5
30°	234.6	254.8	278.5	305.4	339.9	378.8	422.2	473.3	526.1	577.1	638.7
27.5°	250.7	275.0	303.8	343.0	393.7	446.3	521.0	597.8	694.7	774.9	887.9
25°	267.3	296.0	336.8	390.2	456.4	547.8	661.0	783.7	954.2	1104.0	1279.8
22.5°	285.5	324.1	375.0	440.8	541.3	681.5	852.9	1083.9	1335.4	1602.5	1868.2
20°	304.4	351.2	417.8	513.2	651.1	840.9	1135.2	1491.9	1851.2	2291.9	2682.2
17.5°	326.3	385.8	467.9	587.3	771.3	1062.0	1470.3	1968.2	2525.7	3159.4	3722.0
15°	344.6	415.4	519.1	686.1	939.2	1312.6	1827.4	2512.3	3350.2	4201.2	5064.6
12.5°	365.7	447.7	569.5	768.6	1086.5	1582.7	2283.5	3150.4	4196.8	5377.2	6768.7
10°	384.5	479.5	630.8	877.3	1265.7	1864.4	2715.0	3757.9	5108.3	6806.5	8961.4
7.5°	398.4	504.7	678.2	960.0	1420.6	2135.3	3122.6	4423.1	6139.0	8381.6	11338.9
5°	407.5	523.0	711.6	1023.8	1541.9	2336.9	3421.3	4895.0	6965.0	10136.8	15144.7
2.5°	412.9	533.8	730.8	1061.2	1615.7	2470.4	3648.6	5251.8	7500.4	11221.5	17592.4
0°	415.3	536.8	742.2	1081.1	1640.3	2522.0	3753.0	5414.3	7739.9	11474.9	18022.8
-2.5°	412.9	533.8	730.8	1061.2	1615.7	2470.4	3648.6	5251.8	7500.4	11221.5	17592.4
-5°	407.5	523.0	711.6	1023.8	1541.9	2336.9	3421.3	4895.0	6965.0	10136.8	15144.7
-7.5°	398.4	504.7	678.2	960.0	1420.6	2135.3	3122.6	4423.1	6139.0	8381.6	11338.9
-10°	384.5	479.5	630.8	877.3	1265.7	1864.4	2715.0	3757.9	5108.3	6806.5	8961.4
-12.5°	365.7	447.7	569.5	768.6	1086.5	1582.7	2283.5	3150.4	4196.8	5377.2	6768.7
-15°	344.6	415.4	519.1	686.1	939.2	1312.6	1827.4	2512.3	3350.2	4201.2	5064.6
-17.5°	326.3	385.8	467.9	587.3	771.3	1062.0	1470.3	1968.2	2525.7	3159.4	3722.0
-20°	304.4	351.2	417.8	513.2	651.1	840.9	1135.2	1491.9	1851.2	2291.9	2682.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	285.5	324.1	375.0	440.8	541.3	681.5	852.9	1083.9	1335.4	1602.5	1868.2
-25°	267.3	296.0	336.8	390.2	456.4	547.8	661.0	783.7	954.2	1104.0	1279.8
-27.5°	250.7	275.0	303.8	343.0	393.7	446.3	521.0	597.8	694.7	774.9	887.9
-30°	234.6	254.8	278.5	305.4	339.9	378.8	422.2	473.3	526.1	577.1	638.7
-32.5°	221.6	237.1	255.5	276.8	298.5	326.8	353.3	387.6	417.3	449.8	482.5
-35°	209.1	222.0	236.0	252.2	269.1	287.7	306.4	328.0	346.6	367.1	384.9
-37.5°	198.4	208.1	219.5	231.4	245.0	258.0	271.7	285.1	296.9	310.7	321.3
-40°	188.8	196.5	205.2	214.1	224.6	234.1	244.6	253.6	261.7	270.3	277.2
-42.5°	179.8	186.5	193.2	200.5	207.6	214.8	222.6	229.5	234.9	239.9	244.0
-45°	171.3	177.3	182.8	188.7	193.9	199.4	204.6	209.0	213.5	217.0	219.3
-47.5°	163.7	168.9	174.0	178.5	182.4	186.6	190.4	193.6	196.7	199.3	201.0
-50°	156.2	161.1	165.7	169.8	173.0	175.9	178.5	180.8	182.9	184.6	185.9
-52.5°	148.6	153.1	157.4	161.1	164.3	166.9	169.0	170.9	172.3	173.3	173.8
-55°	141.3	145.4	149.1	152.6	155.8	158.5	160.7	162.2	163.5	164.5	164.9
-57.5°	133.2	137.7	141.7	144.3	147.1	150.1	152.1	153.2	154.3	155.2	155.6
-60°	124.0	128.4	131.7	134.4	137.0	139.5	141.3	142.6	143.7	144.5	144.9
-62.5°	113.2	116.7	119.6	122.4	125.1	127.3	128.7	129.9	131.0	131.9	132.6
-65°	100.6	104.3	106.7	108.8	110.6	112.6	114.6	116.1	117.1	117.7	118.1
-67.5°	87.6	91.1	93.6	95.5	97.1	98.6	100.4	102.0	103.3	104.2	104.7
-70°	74.9	78.0	80.4	82.5	84.3	85.8	87.2	88.3	89.3	90.0	90.6
-72.5°	62.3	65.5	68.0	70.1	72.0	73.4	74.5	75.5	76.3	76.6	76.7
-75°	49.6	52.2	55.0	57.5	59.6	60.9	61.9	62.6	63.3	63.4	63.3
-77.5°	38.6	40.6	42.7	44.8	46.8	47.9	48.7	49.4	50.0	50.1	50.0
-80°	28.8	30.0	31.3	32.6	33.9	34.6	35.2	35.6	35.9	36.0	36.0
-82.5°	19.8	20.5	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.4	24.3
-85°	11.7	12.2	12.6	13.0	13.3	13.6	13.9	14.2	14.4	14.2	14.0
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
-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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	5.7
85°	13.7	13.4	13.5	13.5	13.5	13.4	13.7	14.0	14.2	14.4	14.2
82.5°	24.1	23.9	24.0	24.0	24.0	23.9	24.1	24.3	24.4	24.4	24.0
80°	36.0	35.8	35.2	34.5	35.2	35.8	36.0	36.0	36.0	35.9	35.6
77.5°	49.7	49.3	48.7	48.0	48.7	49.3	49.7	50.0	50.1	50.0	49.4
75°	63.1	62.7	62.9	63.0	62.9	62.7	63.1	63.3	63.4	63.3	62.6
72.5°	76.5	76.2	76.4	76.5	76.4	76.2	76.5	76.7	76.6	76.3	75.5
70°	90.9	91.1	90.7	90.0	90.7	91.1	90.9	90.6	90.0	89.3	88.3
67.5°	104.8	104.6	104.2	103.5	104.2	104.6	104.8	104.7	104.2	103.3	102.0
65°	118.2	118.1	118.4	118.5	118.4	118.1	118.2	118.1	117.7	117.1	116.1
62.5°	132.9	132.9	132.6	131.9	132.6	132.9	132.9	132.6	131.9	131.0	129.9
60°	145.1	145.0	144.6	143.9	144.6	145.0	145.1	144.9	144.5	143.7	142.6
57.5°	155.8	155.6	155.1	154.4	155.1	155.6	155.8	155.6	155.2	154.3	153.2
55°	164.9	164.7	164.2	163.4	164.2	164.7	164.9	164.9	164.5	163.5	162.2
52.5°	173.9	173.7	173.7	173.9	173.7	173.7	173.9	173.8	173.3	172.3	170.9
50°	186.6	186.9	186.6	185.9	186.6	186.9	186.6	185.9	184.6	182.9	180.8
47.5°	201.9	202.0	201.6	200.9	201.6	202.0	201.9	201.0	199.3	196.7	193.6
45°	221.1	222.2	222.5	221.9	222.5	222.2	221.1	219.3	217.0	213.5	209.0
42.5°	247.2	248.9	249.4	248.9	249.4	248.9	247.2	244.0	239.9	234.9	229.5
40°	281.4	283.3	283.7	283.4	283.7	283.3	281.4	277.2	270.3	261.7	253.6
37.5°	328.7	333.4	335.6	335.9	335.6	333.4	328.7	321.3	310.7	296.9	285.1
35°	398.4	407.8	412.9	415.3	412.9	407.8	398.4	384.9	367.1	346.6	328.0
32.5°	507.3	526.1	536.6	535.3	536.6	526.1	507.3	482.5	449.8	417.3	387.6
30°	685.0	718.0	734.6	730.2	734.6	718.0	685.0	638.7	577.1	526.1	473.3
27.5°	969.1	1028.7	1063.2	1058.6	1063.2	1028.7	969.1	887.9	774.9	694.7	597.8
25°	1426.7	1535.4	1605.1	1587.9	1605.1	1535.4	1426.7	1279.8	1104.0	954.2	783.7
22.5°	2122.9	2307.1	2429.1	2414.0	2429.1	2307.1	2122.9	1868.2	1602.5	1335.4	1083.9
20°	3077.9	3358.3	3558.6	3585.1	3558.6	3358.3	3077.9	2682.2	2291.9	1851.2	1491.9
17.5°	4329.6	4774.3	5083.8	5135.4	5083.8	4774.3	4329.6	3722.0	3159.4	2525.7	1968.2
15°	5956.5	6683.2	7209.2	7252.6	7209.2	6683.2	5956.5	5064.6	4201.2	3350.2	2512.3
12.5°	8165.5	9627.2	10581.2	11001.1	10581.2	9627.2	8165.5	6768.7	5377.2	4196.8	3150.4
10°	11222.7	14580.1	16730.2	17538.5	16730.2	14580.1	11222.7	8961.4	6806.5	5108.3	3757.9
7.5°	16329.1	21600.3	27460.4	29958.1	27460.4	21600.3	16329.1	11338.9	8381.6	6139.0	4423.1
5°	22111.8	33051.5	43457.1	47520.5	43457.1	33051.5	22111.8	15144.7	10136.8	6965.0	4895.0
2.5°	28196.6	43444.9	57733.9	63321.9	57733.9	43444.9	28196.6	17592.4	11221.5	7500.4	5251.8
0°	30572.8	47995.8	63717.1	69983.0	63717.1	47995.8	30572.8	18022.8	11474.9	7739.9	5414.3
-2.5°	28196.6	43444.9	57733.9	63321.9	57733.9	43444.9	28196.6	17592.4	11221.5	7500.4	5251.8
-5°	22111.8	33051.5	43457.1	47520.5	43457.1	33051.5	22111.8	15144.7	10136.8	6965.0	4895.0
-7.5°	16329.1	21600.3	27460.4	29958.1	27460.4	21600.3	16329.1	11338.9	8381.6	6139.0	4423.1
-10°	11222.7	14580.1	16730.2	17538.5	16730.2	14580.1	11222.7	8961.4	6806.5	5108.3	3757.9
-12.5°	8165.5	9627.2	10581.2	11001.1	10581.2	9627.2	8165.5	6768.7	5377.2	4196.8	3150.4
-15°	5956.5	6683.2	7209.2	7252.6	7209.2	6683.2	5956.5	5064.6	4201.2	3350.2	2512.3
-17.5°	4329.6	4774.3	5083.8	5135.4	5083.8	4774.3	4329.6	3722.0	3159.4	2525.7	1968.2
-20°	3077.9	3358.3	3558.6	3585.1	3558.6	3358.3	3077.9	2682.2	2291.9	1851.2	1491.9



REPORT NUMBER: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	2122.9	2307.1	2429.1	2414.0	2429.1	2307.1	2122.9	1868.2	1602.5	1335.4	1083.9
-25°	1426.7	1535.4	1605.1	1587.9	1605.1	1535.4	1426.7	1279.8	1104.0	954.2	783.7
-27.5°	969.1	1028.7	1063.2	1058.6	1063.2	1028.7	969.1	887.9	774.9	694.7	597.8
-30°	685.0	718.0	734.6	730.2	734.6	718.0	685.0	638.7	577.1	526.1	473.3
-32.5°	507.3	526.1	536.6	535.3	536.6	526.1	507.3	482.5	449.8	417.3	387.6
-35°	398.4	407.8	412.9	415.3	412.9	407.8	398.4	384.9	367.1	346.6	328.0
-37.5°	328.7	333.4	335.6	335.9	335.6	333.4	328.7	321.3	310.7	296.9	285.1
-40°	281.4	283.3	283.7	283.4	283.7	283.3	281.4	277.2	270.3	261.7	253.6
-42.5°	247.2	248.9	249.4	248.9	249.4	248.9	247.2	244.0	239.9	234.9	229.5
-45°	221.1	222.2	222.5	221.9	222.5	222.2	221.1	219.3	217.0	213.5	209.0
-47.5°	201.9	202.0	201.6	200.9	201.6	202.0	201.9	201.0	199.3	196.7	193.6
-50°	186.6	186.9	186.6	185.9	186.6	186.9	186.6	185.9	184.6	182.9	180.8
-52.5°	173.9	173.7	173.7	173.9	173.7	173.7	173.9	173.8	173.3	172.3	170.9
-55°	164.9	164.7	164.2	163.4	164.2	164.7	164.9	164.9	164.5	163.5	162.2
-57.5°	155.8	155.6	155.1	154.4	155.1	155.6	155.8	155.6	155.2	154.3	153.2
-60°	145.1	145.0	144.6	143.9	144.6	145.0	145.1	144.9	144.5	143.7	142.6
-62.5°	132.9	132.9	132.6	131.9	132.6	132.9	132.9	132.6	131.9	131.0	129.9
-65°	118.2	118.1	118.4	118.5	118.4	118.1	118.2	118.1	117.7	117.1	116.1
-67.5°	104.8	104.6	104.2	103.5	104.2	104.6	104.8	104.7	104.2	103.3	102.0
-70°	90.9	91.1	90.7	90.0	90.7	91.1	90.9	90.6	90.0	89.3	88.3
-72.5°	76.5	76.2	76.4	76.5	76.4	76.2	76.5	76.7	76.6	76.3	75.5
-75°	63.1	62.7	62.9	63.0	62.9	62.7	63.1	63.3	63.4	63.3	62.6
-77.5°	49.7	49.3	48.7	48.0	48.7	49.3	49.7	50.0	50.1	50.0	49.4
-80°	36.0	35.8	35.2	34.5	35.2	35.8	36.0	36.0	36.0	35.9	35.6
-82.5°	24.1	23.9	24.0	24.0	24.0	23.9	24.1	24.3	24.4	24.4	24.0
-85°	13.7	13.4	13.5	13.5	13.5	13.4	13.7	14.0	14.2	14.4	14.2
-87.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	5.7
-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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	13.9	13.6	13.3	13.0	12.6	12.2	11.7	11.0	10.4	9.7	9.1
82.5°	23.6	23.1	22.5	21.9	21.3	20.5	19.8	18.7	17.5	16.3	15.0
80°	35.2	34.6	33.9	32.6	31.3	30.0	28.8	27.5	26.2	24.8	23.4
77.5°	48.7	47.9	46.8	44.8	42.7	40.6	38.6	37.0	35.3	33.6	31.8
75°	61.9	60.9	59.6	57.5	55.0	52.2	49.6	47.5	45.3	42.9	40.4
72.5°	74.5	73.4	72.0	70.1	68.0	65.5	62.3	59.0	55.8	52.7	49.8
70°	87.2	85.8	84.3	82.5	80.4	78.0	74.9	71.1	66.8	62.6	59.4
67.5°	100.4	98.6	97.1	95.5	93.6	91.1	87.6	83.6	79.4	74.5	70.0
65°	114.6	112.6	110.6	108.8	106.7	104.3	100.6	96.3	91.7	86.8	81.7
62.5°	128.7	127.3	125.1	122.4	119.6	116.7	113.2	109.0	104.0	98.4	92.8
60°	141.3	139.5	137.0	134.4	131.7	128.4	124.0	120.1	116.8	110.4	103.7
57.5°	152.1	150.1	147.1	144.3	141.7	137.7	133.2	128.8	124.5	120.1	114.4
55°	160.7	158.5	155.8	152.6	149.1	145.4	141.3	136.6	132.0	128.0	122.7
52.5°	169.0	166.9	164.3	161.1	157.4	153.1	148.6	143.9	139.6	135.4	130.7
50°	178.5	175.9	173.0	169.8	165.7	161.1	156.2	151.2	146.8	142.5	138.0
47.5°	190.4	186.6	182.4	178.5	174.0	168.9	163.7	158.7	153.9	148.8	144.3
45°	204.6	199.4	193.9	188.7	182.8	177.3	171.3	166.1	160.9	155.5	149.9
42.5°	222.6	214.8	207.6	200.5	193.2	186.5	179.8	173.6	167.8	162.0	155.9
40°	244.6	234.1	224.6	214.1	205.2	196.5	188.8	181.1	174.6	168.3	161.7
37.5°	271.7	258.0	245.0	231.4	219.5	208.1	198.4	189.5	181.1	174.2	167.2
35°	306.4	287.7	269.1	252.2	236.0	222.0	209.1	198.4	188.8	179.9	172.6
32.5°	353.3	326.8	298.5	276.8	255.5	237.1	221.6	208.1	196.5	186.5	177.7
30°	422.2	378.8	339.9	305.4	278.5	254.8	234.6	218.9	205.2	193.2	182.8
27.5°	521.0	446.3	393.7	343.0	303.8	275.0	250.7	230.1	214.0	200.5	188.6
25°	661.0	547.8	456.4	390.2	336.8	296.0	267.3	243.5	223.7	207.5	193.2
22.5°	852.9	681.5	541.3	440.8	375.0	324.1	285.5	256.7	232.7	213.6	198.1
20°	1135.2	840.9	651.1	513.2	417.8	351.2	304.4	270.6	242.8	220.0	202.4
17.5°	1470.3	1062.0	771.3	587.3	467.9	385.8	326.3	283.3	251.9	225.6	205.9
15°	1827.4	1312.6	939.2	686.1	519.1	415.4	344.6	294.6	260.6	231.8	210.2
12.5°	2283.5	1582.7	1086.5	768.6	569.5	447.7	365.7	308.9	269.2	238.4	214.7
10°	2715.0	1864.4	1265.7	877.3	630.8	479.5	384.5	319.8	275.8	243.7	218.4
7.5°	3122.6	2135.3	1420.6	960.0	678.2	504.7	398.4	327.8	280.6	247.4	221.2
5°	3421.3	2336.9	1541.9	1023.8	711.6	523.0	407.5	332.7	283.4	249.5	223.1
2.5°	3648.6	2470.4	1615.7	1061.2	730.8	533.8	412.9	336.5	286.1	251.3	225.2
0°	3753.0	2522.0	1640.3	1081.1	742.2	536.8	415.3	338.9	287.9	251.9	226.4
-2.5°	3648.6	2470.4	1615.7	1061.2	730.8	533.8	412.9	336.5	286.1	251.3	225.2
-5°	3421.3	2336.9	1541.9	1023.8	711.6	523.0	407.5	332.7	283.4	249.5	223.1
-7.5°	3122.6	2135.3	1420.6	960.0	678.2	504.7	398.4	327.8	280.6	247.4	221.2
-10°	2715.0	1864.4	1265.7	877.3	630.8	479.5	384.5	319.8	275.8	243.7	218.4
-12.5°	2283.5	1582.7	1086.5	768.6	569.5	447.7	365.7	308.9	269.2	238.4	214.7
-15°	1827.4	1312.6	939.2	686.1	519.1	415.4	344.6	294.6	260.6	231.8	210.2
-17.5°	1470.3	1062.0	771.3	587.3	467.9	385.8	326.3	283.3	251.9	225.6	205.9
-20°	1135.2	840.9	651.1	513.2	417.8	351.2	304.4	270.6	242.8	220.0	202.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	852.9	681.5	541.3	440.8	375.0	324.1	285.5	256.7	232.7	213.6	198.1
-25°	661.0	547.8	456.4	390.2	336.8	296.0	267.3	243.5	223.7	207.5	193.2
-27.5°	521.0	446.3	393.7	343.0	303.8	275.0	250.7	230.1	214.0	200.5	188.6
-30°	422.2	378.8	339.9	305.4	278.5	254.8	234.6	218.9	205.2	193.2	182.8
-32.5°	353.3	326.8	298.5	276.8	255.5	237.1	221.6	208.1	196.5	186.5	177.7
-35°	306.4	287.7	269.1	252.2	236.0	222.0	209.1	198.4	188.8	179.9	172.6
-37.5°	271.7	258.0	245.0	231.4	219.5	208.1	198.4	189.5	181.1	174.2	167.2
-40°	244.6	234.1	224.6	214.1	205.2	196.5	188.8	181.1	174.6	168.3	161.7
-42.5°	222.6	214.8	207.6	200.5	193.2	186.5	179.8	173.6	167.8	162.0	155.9
-45°	204.6	199.4	193.9	188.7	182.8	177.3	171.3	166.1	160.9	155.5	149.9
-47.5°	190.4	186.6	182.4	178.5	174.0	168.9	163.7	158.7	153.9	148.8	144.3
-50°	178.5	175.9	173.0	169.8	165.7	161.1	156.2	151.2	146.8	142.5	138.0
-52.5°	169.0	166.9	164.3	161.1	157.4	153.1	148.6	143.9	139.6	135.4	130.7
-55°	160.7	158.5	155.8	152.6	149.1	145.4	141.3	136.6	132.0	128.0	122.7
-57.5°	152.1	150.1	147.1	144.3	141.7	137.7	133.2	128.8	124.5	120.1	114.4
-60°	141.3	139.5	137.0	134.4	131.7	128.4	124.0	120.1	116.8	110.4	103.7
-62.5°	128.7	127.3	125.1	122.4	119.6	116.7	113.2	109.0	104.0	98.4	92.8
-65°	114.6	112.6	110.6	108.8	106.7	104.3	100.6	96.3	91.7	86.8	81.7
-67.5°	100.4	98.6	97.1	95.5	93.6	91.1	87.6	83.6	79.4	74.5	70.0
-70°	87.2	85.8	84.3	82.5	80.4	78.0	74.9	71.1	66.8	62.6	59.4
-72.5°	74.5	73.4	72.0	70.1	68.0	65.5	62.3	59.0	55.8	52.7	49.8
-75°	61.9	60.9	59.6	57.5	55.0	52.2	49.6	47.5	45.3	42.9	40.4
-77.5°	48.7	47.9	46.8	44.8	42.7	40.6	38.6	37.0	35.3	33.6	31.8
-80°	35.2	34.6	33.9	32.6	31.3	30.0	28.8	27.5	26.2	24.8	23.4
-82.5°	23.6	23.1	22.5	21.9	21.3	20.5	19.8	18.7	17.5	16.3	15.0
-85°	13.9	13.6	13.3	13.0	12.6	12.2	11.7	11.0	10.4	9.7	9.1
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.8	8.4	7.9	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	14.2	13.7	13.1	12.5	11.5	10.5	9.4	8.4	7.3	6.2	5.4
80°	22.0	20.6	19.3	18.0	16.5	14.9	13.6	12.2	10.7	9.3	7.8
77.5°	29.9	27.9	25.8	24.0	22.0	20.1	18.1	16.0	14.1	12.3	10.4
75°	37.9	35.5	33.0	30.5	27.9	25.2	22.8	20.4	17.9	15.3	13.1
72.5°	46.8	43.7	40.5	37.2	34.1	31.0	27.8	24.7	21.8	18.8	15.8
70°	56.1	52.2	48.4	44.7	40.8	36.8	33.1	29.4	25.6	22.2	18.8
67.5°	65.8	61.9	57.4	52.5	48.1	43.5	38.6	34.2	29.9	25.6	21.8
65°	76.5	71.6	66.9	61.2	55.7	50.3	45.0	39.2	34.2	29.4	24.7
62.5°	87.0	81.0	75.4	69.6	63.5	57.4	51.3	44.8	38.5	33.1	27.8
60°	97.3	90.7	83.7	77.1	70.8	64.3	57.4	50.3	43.4	36.8	31.0
57.5°	107.1	100.2	92.3	84.6	77.5	70.7	63.4	55.6	48.1	40.8	34.1
55°	116.2	108.6	100.3	91.9	84.0	76.5	68.9	60.7	52.6	44.7	37.1
52.5°	124.6	116.6	107.9	98.9	90.2	82.1	74.1	65.6	56.9	48.5	40.3
50°	132.4	124.6	115.3	105.8	96.2	87.6	79.2	70.3	61.1	52.2	43.5
47.5°	139.2	131.8	122.8	112.5	102.3	93.1	84.2	74.9	65.0	55.6	46.5
45°	144.8	138.4	129.7	119.4	108.5	98.7	89.1	79.3	69.0	59.0	49.4
42.5°	149.9	144.0	136.2	126.1	114.8	104.3	93.9	83.7	73.0	62.2	52.2
40°	155.2	148.9	142.1	132.0	120.8	109.6	98.8	87.9	76.8	65.3	54.9
37.5°	160.1	153.6	146.7	137.5	126.1	114.6	103.4	92.1	80.3	68.5	57.4
35°	165.0	157.7	150.7	141.8	130.8	119.2	107.8	96.0	83.6	71.4	59.8
32.5°	169.8	161.6	154.0	145.3	135.0	123.3	111.8	99.5	86.7	74.1	62.0
30°	174.1	165.3	157.2	148.7	138.7	126.9	115.1	102.6	89.6	76.5	64.1
27.5°	177.6	168.3	160.2	151.6	141.6	130.1	118.0	105.4	92.3	78.8	66.1
25°	181.1	171.1	162.7	154.3	144.3	133.3	120.8	107.9	94.7	81.0	67.9
22.5°	184.9	173.7	164.6	156.8	147.1	136.5	123.3	110.0	96.7	82.9	69.5
20°	188.3	175.9	166.0	158.8	149.3	138.8	125.8	112.0	98.4	84.6	70.9
17.5°	191.3	178.3	167.9	160.0	151.0	140.8	128.0	113.7	99.9	86.1	72.1
15°	194.4	180.8	169.5	160.9	152.4	142.5	130.1	115.2	101.1	87.4	73.2
12.5°	197.2	182.9	170.9	161.6	153.5	143.8	131.9	116.5	102.0	88.4	74.1
10°	199.5	184.5	171.9	162.2	154.3	144.9	133.4	117.7	103.0	89.2	75.0
7.5°	201.3	185.6	172.5	162.4	154.8	145.7	134.8	119.0	103.9	89.8	75.6
5°	202.6	186.4	173.6	163.4	155.4	146.4	135.7	120.2	104.5	90.1	76.1
2.5°	203.6	187.2	174.6	164.2	155.8	146.8	136.2	121.0	104.9	90.2	76.4
0°	203.9	187.4	175.4	164.9	155.9	146.9	136.4	121.5	105.0	90.0	76.5
-2.5°	203.6	187.2	174.6	164.2	155.8	146.8	136.2	121.0	104.9	90.2	76.4
-5°	202.6	186.4	173.6	163.4	155.4	146.4	135.7	120.2	104.5	90.1	76.1
-7.5°	201.3	185.6	172.5	162.4	154.8	145.7	134.8	119.0	103.9	89.8	75.6
-10°	199.5	184.5	171.9	162.2	154.3	144.9	133.4	117.7	103.0	89.2	75.0
-12.5°	197.2	182.9	170.9	161.6	153.5	143.8	131.9	116.5	102.0	88.4	74.1
-15°	194.4	180.8	169.5	160.9	152.4	142.5	130.1	115.2	101.1	87.4	73.2
-17.5°	191.3	178.3	167.9	160.0	151.0	140.8	128.0	113.7	99.9	86.1	72.1
-20°	188.3	175.9	166.0	158.8	149.3	138.8	125.8	112.0	98.4	84.6	70.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	184.9	173.7	164.6	156.8	147.1	136.5	123.3	110.0	96.7	82.9	69.5
-25°	181.1	171.1	162.7	154.3	144.3	133.3	120.8	107.9	94.7	81.0	67.9
-27.5°	177.6	168.3	160.2	151.6	141.6	130.1	118.0	105.4	92.3	78.8	66.1
-30°	174.1	165.3	157.2	148.7	138.7	126.9	115.1	102.6	89.6	76.5	64.1
-32.5°	169.8	161.6	154.0	145.3	135.0	123.3	111.8	99.5	86.7	74.1	62.0
-35°	165.0	157.7	150.7	141.8	130.8	119.2	107.8	96.0	83.6	71.4	59.8
-37.5°	160.1	153.6	146.7	137.5	126.1	114.6	103.4	92.1	80.3	68.5	57.4
-40°	155.2	148.9	142.1	132.0	120.8	109.6	98.8	87.9	76.8	65.3	54.9
-42.5°	149.9	144.0	136.2	126.1	114.8	104.3	93.9	83.7	73.0	62.2	52.2
-45°	144.8	138.4	129.7	119.4	108.5	98.7	89.1	79.3	69.0	59.0	49.4
-47.5°	139.2	131.8	122.8	112.5	102.3	93.1	84.2	74.9	65.0	55.6	46.5
-50°	132.4	124.6	115.3	105.8	96.2	87.6	79.2	70.3	61.1	52.2	43.5
-52.5°	124.6	116.6	107.9	98.9	90.2	82.1	74.1	65.6	56.9	48.5	40.3
-55°	116.2	108.6	100.3	91.9	84.0	76.5	68.9	60.7	52.6	44.7	37.1
-57.5°	107.1	100.2	92.3	84.6	77.5	70.7	63.4	55.6	48.1	40.8	34.1
-60°	97.3	90.7	83.7	77.1	70.8	64.3	57.4	50.3	43.4	36.8	31.0
-62.5°	87.0	81.0	75.4	69.6	63.5	57.4	51.3	44.8	38.5	33.1	27.8
-65°	76.5	71.6	66.9	61.2	55.7	50.3	45.0	39.2	34.2	29.4	24.7
-67.5°	65.8	61.9	57.4	52.5	48.1	43.5	38.6	34.2	29.9	25.6	21.8
-70°	56.1	52.2	48.4	44.7	40.8	36.8	33.1	29.4	25.6	22.2	18.8
-72.5°	46.8	43.7	40.5	37.2	34.1	31.0	27.8	24.7	21.8	18.8	15.8
-75°	37.9	35.5	33.0	30.5	27.9	25.2	22.8	20.4	17.9	15.3	13.1
-77.5°	29.9	27.9	25.8	24.0	22.0	20.1	18.1	16.0	14.1	12.3	10.4
-80°	22.0	20.6	19.3	18.0	16.5	14.9	13.6	12.2	10.7	9.3	7.8
-82.5°	14.2	13.7	13.1	12.5	11.5	10.5	9.4	8.4	7.3	6.2	5.4
-85°	8.8	8.4	7.9	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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: P626829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
75°	10.8	8.4	6.2	4.6	3.1	1.4	0.0
72.5°	13.0	10.2	7.6	5.4	3.6	1.6	0.0
70°	15.2	11.9	9.0	6.2	4.0	1.8	0.0
67.5°	17.7	13.6	10.3	7.1	4.5	2.0	0.0
65°	20.2	15.5	11.5	8.1	4.9	2.2	0.0
62.5°	22.6	17.5	12.8	9.0	5.4	2.4	0.0
60°	24.9	19.5	14.0	9.8	5.8	2.6	0.0
57.5°	27.5	21.4	15.5	10.7	6.3	2.8	0.0
55°	30.1	23.2	17.0	11.5	6.9	2.9	0.0
52.5°	32.6	25.1	18.4	12.3	7.4	3.1	0.0
50°	35.0	27.1	19.8	13.0	7.9	3.3	0.0
47.5°	37.3	29.0	21.2	13.8	8.4	3.4	0.0
45°	39.8	30.8	22.4	14.8	8.8	3.6	0.0
42.5°	42.2	32.6	23.7	15.7	9.3	3.7	0.0
40°	44.5	34.3	24.9	16.6	9.7	3.8	0.0
37.5°	46.6	35.9	26.2	17.5	10.2	3.9	0.0
35°	48.7	37.5	27.4	18.3	10.6	4.0	0.0
32.5°	50.6	39.1	28.5	19.0	10.9	4.1	0.0
30°	52.3	40.5	29.5	19.8	11.3	4.2	0.0
27.5°	54.0	41.9	30.5	20.4	11.6	4.3	0.0
25°	55.5	43.1	31.5	21.0	11.9	4.4	0.0
22.5°	56.8	44.3	32.3	21.6	12.2	4.4	0.0
20°	58.0	45.2	33.1	22.1	12.5	4.5	0.0
17.5°	59.1	46.1	33.8	22.5	12.7	4.5	0.0
15°	59.9	46.7	34.3	22.9	12.9	4.5	0.0
12.5°	60.5	47.3	34.9	23.2	13.1	4.6	0.0
10°	61.0	47.7	35.3	23.5	13.2	4.6	0.0
7.5°	61.4	48.0	35.6	23.7	13.3	4.6	0.0
5°	61.6	48.1	35.8	23.9	13.4	4.5	0.0
2.5°	61.6	48.1	36.0	24.0	13.5	4.5	0.0
0°	61.5	48.0	36.0	24.0	13.5	4.5	0.0
-2.5°	61.6	48.1	36.0	24.0	13.5	4.5	0.0
-5°	61.6	48.1	35.8	23.9	13.4	4.5	0.0
-7.5°	61.4	48.0	35.6	23.7	13.3	4.6	0.0
-10°	61.0	47.7	35.3	23.5	13.2	4.6	0.0
-12.5°	60.5	47.3	34.9	23.2	13.1	4.6	0.0
-15°	59.9	46.7	34.3	22.9	12.9	4.5	0.0
-17.5°	59.1	46.1	33.8	22.5	12.7	4.5	0.0
-20°	58.0	45.2	33.1	22.1	12.5	4.5	0.0

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CATALOG NUMBER: GFLD-SA2B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.8	44.3	32.3	21.6	12.2	4.4	0.0
-25°	55.5	43.1	31.5	21.0	11.9	4.4	0.0
-27.5°	54.0	41.9	30.5	20.4	11.6	4.3	0.0
-30°	52.3	40.5	29.5	19.8	11.3	4.2	0.0
-32.5°	50.6	39.1	28.5	19.0	10.9	4.1	0.0
-35°	48.7	37.5	27.4	18.3	10.6	4.0	0.0
-37.5°	46.6	35.9	26.2	17.5	10.2	3.9	0.0
-40°	44.5	34.3	24.9	16.6	9.7	3.8	0.0
-42.5°	42.2	32.6	23.7	15.7	9.3	3.7	0.0
-45°	39.8	30.8	22.4	14.8	8.8	3.6	0.0
-47.5°	37.3	29.0	21.2	13.8	8.4	3.4	0.0
-50°	35.0	27.1	19.8	13.0	7.9	3.3	0.0
-52.5°	32.6	25.1	18.4	12.3	7.4	3.1	0.0
-55°	30.1	23.2	17.0	11.5	6.9	2.9	0.0
-57.5°	27.5	21.4	15.5	10.7	6.3	2.8	0.0
-60°	24.9	19.5	14.0	9.8	5.8	2.6	0.0
-62.5°	22.6	17.5	12.8	9.0	5.4	2.4	0.0
-65°	20.2	15.5	11.5	8.1	4.9	2.2	0.0
-67.5°	17.7	13.6	10.3	7.1	4.5	2.0	0.0
-70°	15.2	11.9	9.0	6.2	4.0	1.8	0.0
-72.5°	13.0	10.2	7.6	5.4	3.6	1.6	0.0
-75°	10.8	8.4	6.2	4.6	3.1	1.4	0.0
-77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
-80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)