

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: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-727-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N13
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

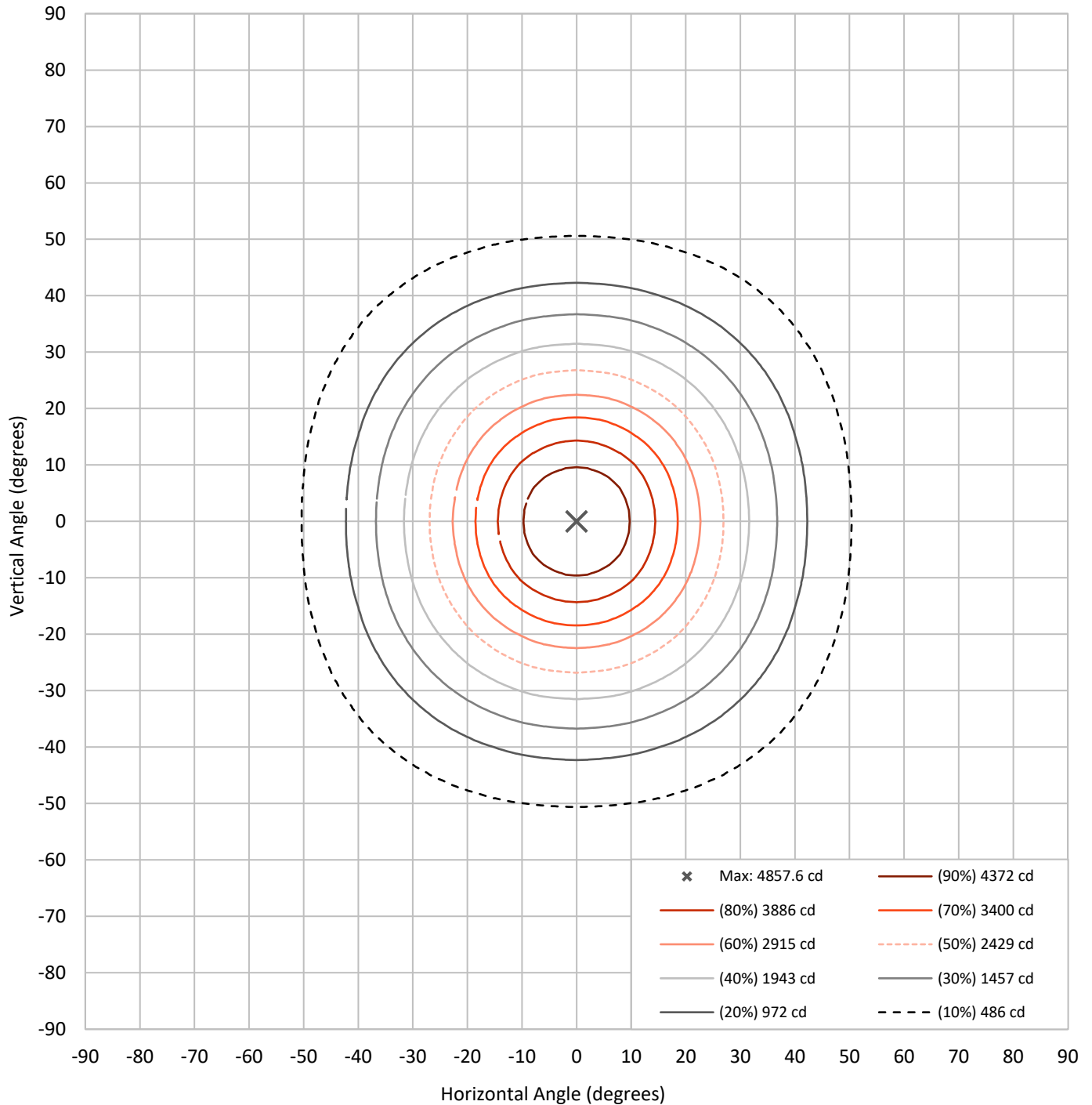
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4943.9 lumens	Max Intensity:	4857.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2363.9 lumens	Field Lumens:	4363.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





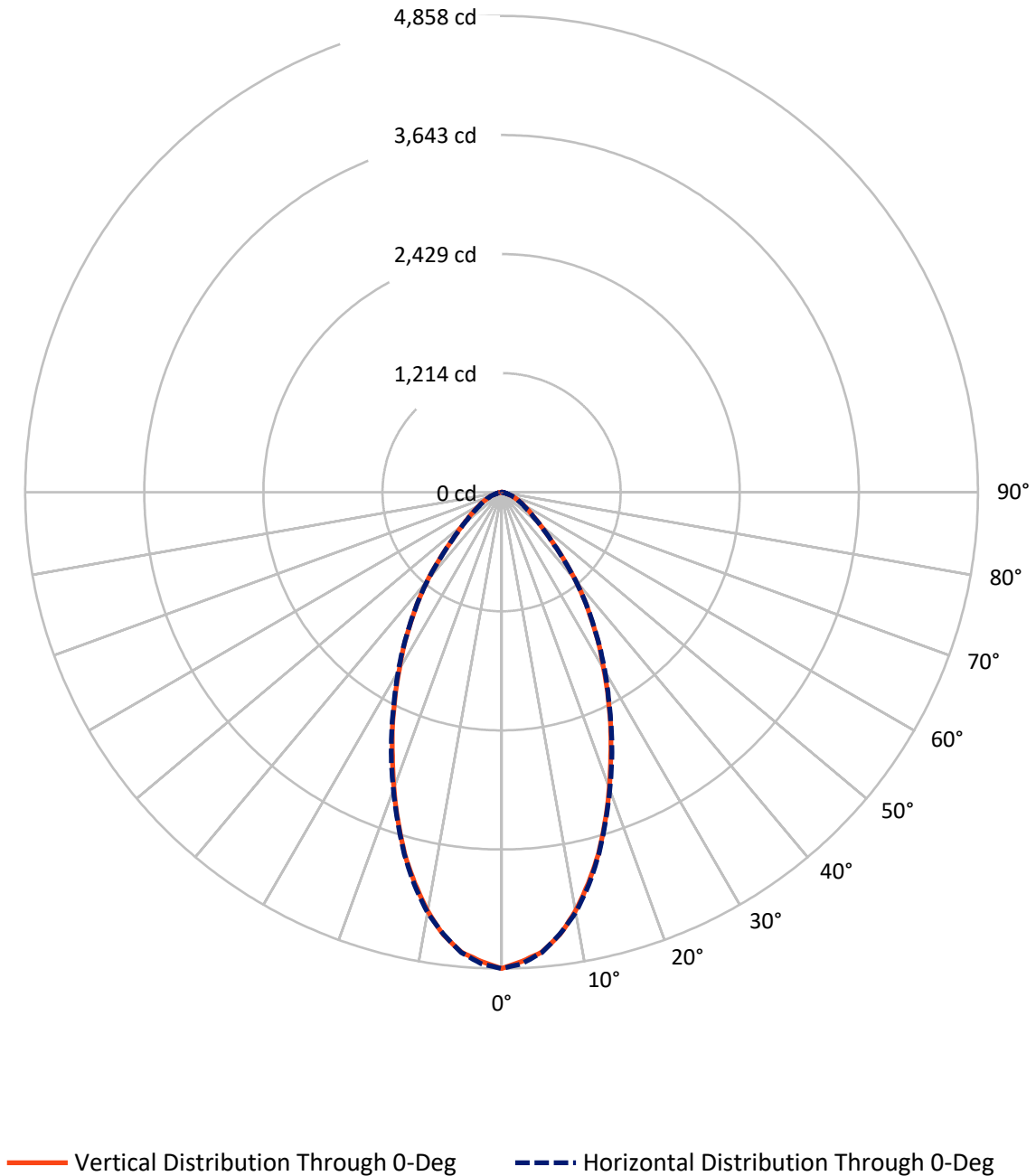
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Lumen Table

90																			
80	0.2	1.4		3.1		5.2		4.4		5.2		3.1		1.4		0.2			
70																			
60	0.6	0.8	1.4	2.3	3.3	4.3	5.0	5.4	5.4	5.0	4.3	3.3	2.3	1.4	0.8	0.6			
50		1.1	2.1	3.7	5.7	7.8	9.8	10.9	10.9	9.8	7.8	5.7	3.7	2.1	1.1				
40	0.9	1.4	3.0	5.5	9.3	14.4	19.8	23.4	23.4	19.8	14.4	9.3	5.5	3.0	1.4	0.9			
30		1.7	3.9	8.0	15.7	27.8	40.4	48.0	48.0	40.4	27.8	15.7	8.0	3.9	1.7				
20	1.1	1.9	4.8	11.3	25.3	45.5	65.2	77.9	77.9	65.2	45.5	25.3	11.3	4.8	1.9	1.1			
10		2.1	5.7	14.6	34.6	61.5	90.8	111.7	111.7	90.8	61.5	34.6	14.6	5.7	2.1				
0	1.2	2.3	6.1	16.8	39.8	71.5	108.8	136.8	136.8	108.8	71.5	39.8	16.8	6.1	2.3	1.2			
-10		2.3	6.1	16.8	39.8	71.5	108.8	136.8	136.8	108.8	71.5	39.8	16.8	6.1	2.3				
-20	1.1	2.1	5.7	14.6	34.6	61.5	90.8	111.7	111.7	90.8	61.5	34.6	14.6	5.7	2.1	1.1			
-30		1.9	4.8	11.3	25.3	45.5	65.2	77.9	77.9	65.2	45.5	25.3	11.3	4.8	1.9				
-40	0.9	1.7	3.9	8.0	15.7	27.8	40.4	48.0	48.0	40.4	27.8	15.7	8.0	3.9	1.7	0.9			
-50		1.4	3.0	5.5	9.3	14.4	19.8	23.4	23.4	19.8	14.4	9.3	5.5	3.0	1.4				
-60	0.6	1.1	2.1	3.7	5.7	7.8	9.8	10.9	10.9	9.8	7.8	5.7	3.7	2.1	1.1	0.6			
-70		0.8	1.4	2.3	3.3	4.3	5.0	5.4	5.4	5.0	4.3	3.3	2.3	1.4	0.8				
-80																			
-90	0.2	1.4		3.1		5.2		4.4		5.2		3.1		1.4		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

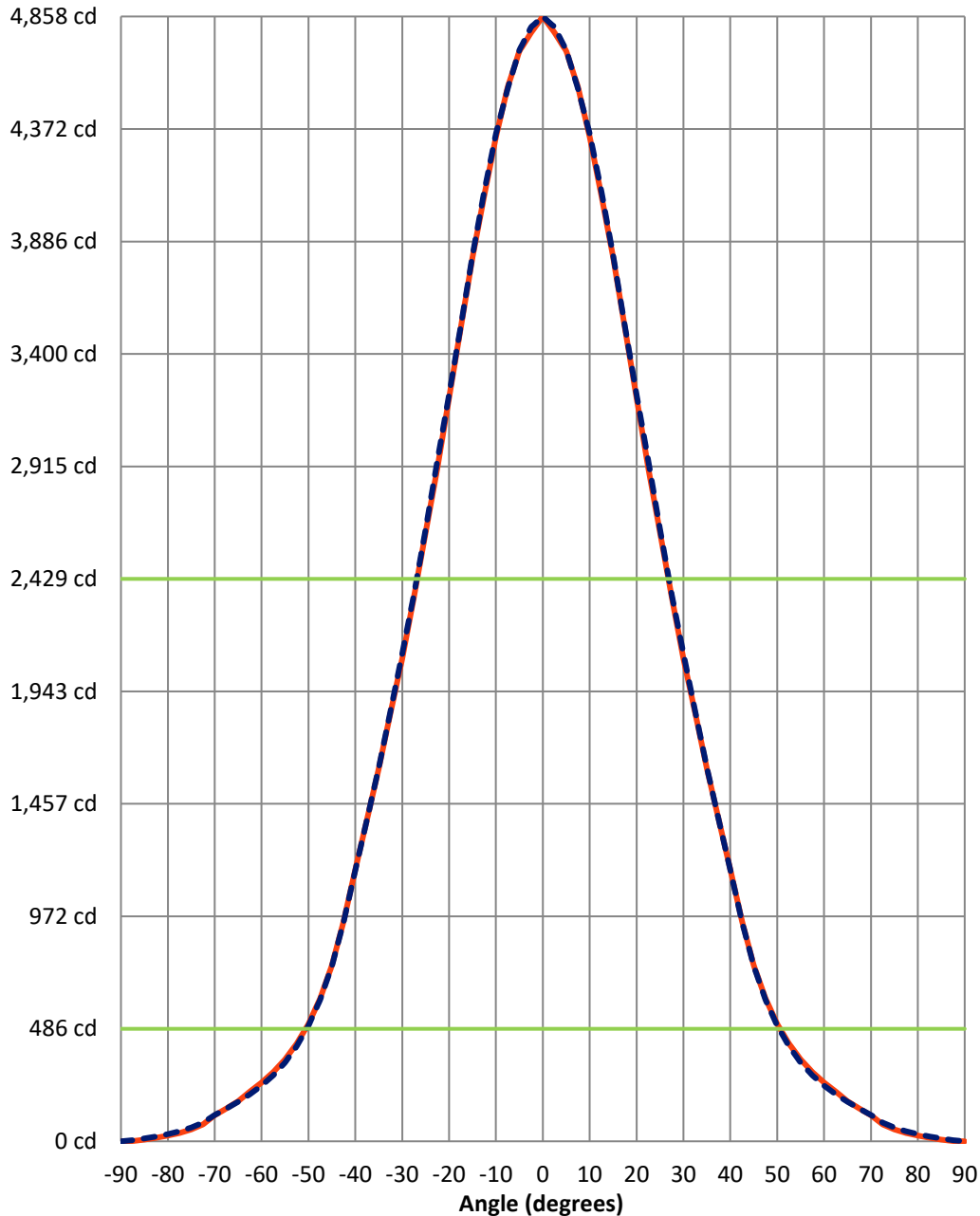
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2363.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 4363.2
 Efficiency: 88.3%

Spill:
 Lumens: 580.7
 Efficiency: 11.7%

— 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	0.6	0.9	1.3	1.8	2.3	2.5	2.8	2.9	3.0
85°	0.0	0.5	1.1	1.8	2.7	3.6	4.6	5.1	5.5	5.8	6.1
82.5°	0.0	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.4	9.8	11.0
80°	0.0	1.0	2.2	3.7	5.3	7.1	9.3	11.6	13.6	15.4	16.9
77.5°	0.0	1.2	2.8	4.6	6.6	9.3	13.3	16.3	18.8	21.0	23.2
75°	0.0	1.5	3.3	5.5	8.0	12.1	17.3	21.0	23.9	26.9	30.1
72.5°	0.0	1.7	3.9	6.3	9.9	14.9	21.0	25.6	29.1	32.9	36.9
70°	0.0	1.9	4.4	7.2	11.7	17.6	24.6	29.9	34.2	38.8	44.2
67.5°	0.0	2.1	4.9	8.3	13.5	20.1	27.7	34.1	39.1	44.9	51.4
65°	0.0	2.4	5.4	9.4	15.2	22.4	30.6	38.2	44.0	50.7	58.2
62.5°	0.0	2.6	5.8	10.4	16.8	24.6	33.4	42.1	48.7	56.3	64.5
60°	0.0	2.8	6.3	11.4	18.3	26.6	36.0	45.8	53.2	61.8	70.6
57.5°	0.0	3.0	6.8	12.3	19.6	28.4	38.4	49.1	57.8	67.1	76.3
55°	0.0	3.2	7.3	13.1	20.9	30.1	40.5	51.8	62.2	72.1	81.7
52.5°	0.0	3.3	7.8	13.9	22.1	31.7	42.5	54.7	66.5	76.9	86.9
50°	0.0	3.5	8.3	14.6	23.1	33.1	44.3	57.4	70.6	81.6	92.7
47.5°	0.0	3.7	8.8	15.2	24.1	34.4	46.0	59.9	74.7	86.1	98.4
45°	0.0	3.8	9.2	15.8	24.9	35.6	47.9	62.1	77.6	91.1	103.9
42.5°	0.0	4.0	9.6	16.4	25.6	36.6	49.6	64.3	80.3	95.8	109.6
40°	0.0	4.1	10.0	17.0	26.3	37.5	51.0	66.4	82.9	100.2	115.1
37.5°	0.0	4.2	10.4	17.6	26.9	38.2	52.3	68.4	85.8	103.7	120.3
35°	0.0	4.3	10.7	18.1	27.3	38.9	53.3	70.1	88.6	107.6	125.7
32.5°	0.0	4.4	11.0	18.6	27.7	39.7	54.3	71.6	91.2	111.5	131.1
30°	0.0	4.5	11.3	19.1	28.0	40.2	55.4	73.0	93.7	115.4	136.3
27.5°	0.0	4.6	11.6	19.5	28.6	40.6	56.2	74.8	96.3	119.3	141.1
25°	0.0	4.7	11.8	19.9	29.1	40.9	56.9	76.5	99.2	123.2	145.6
22.5°	0.0	4.7	12.0	20.2	29.7	41.2	57.4	77.9	102.0	126.7	150.5
20°	0.0	4.8	12.2	20.4	30.1	41.9	57.7	79.1	104.6	129.9	154.9
17.5°	0.0	4.8	12.3	20.6	30.5	42.6	58.3	80.1	107.0	132.7	158.8
15°	0.0	4.8	12.4	20.8	30.8	43.1	59.1	81.0	109.2	135.1	162.1
12.5°	0.0	4.9	12.5	20.9	31.0	43.4	59.7	81.8	111.0	137.2	164.9
10°	0.0	4.9	12.5	20.9	31.1	43.6	60.0	82.3	112.4	138.8	167.2
7.5°	0.0	4.9	12.5	20.9	31.2	43.7	60.2	82.4	113.4	140.1	168.9
5°	0.0	4.9	12.5	20.9	31.2	43.7	60.1	82.1	114.0	141.0	170.1
2.5°	0.0	4.8	12.5	20.8	31.1	43.6	59.9	81.6	114.0	141.4	170.6
0°	0.0	4.8	12.4	20.6	30.9	43.3	59.4	80.7	113.6	141.4	170.6
-2.5°	0.0	4.8	12.5	20.8	31.1	43.6	59.9	81.6	114.0	141.4	170.6
-5°	0.0	4.9	12.5	20.9	31.2	43.7	60.1	82.1	114.0	141.0	170.1
-7.5°	0.0	4.9	12.5	20.9	31.2	43.7	60.2	82.4	113.4	140.1	168.9
-10°	0.0	4.9	12.5	20.9	31.1	43.6	60.0	82.3	112.4	138.8	167.2
-12.5°	0.0	4.9	12.5	20.9	31.0	43.4	59.7	81.8	111.0	137.2	164.9
-15°	0.0	4.8	12.4	20.8	30.8	43.1	59.1	81.0	109.2	135.1	162.1
-17.5°	0.0	4.8	12.3	20.6	30.5	42.6	58.3	80.1	107.0	132.7	158.8
-20°	0.0	4.8	12.2	20.4	30.1	41.9	57.7	79.1	104.6	129.9	154.9

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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	4.7	12.0	20.2	29.7	41.2	57.4	77.9	102.0	126.7	150.5
-25°	0.0	4.7	11.8	19.9	29.1	40.9	56.9	76.5	99.2	123.2	145.6
-27.5°	0.0	4.6	11.6	19.5	28.6	40.6	56.2	74.8	96.3	119.3	141.1
-30°	0.0	4.5	11.3	19.1	28.0	40.2	55.4	73.0	93.7	115.4	136.3
-32.5°	0.0	4.4	11.0	18.6	27.7	39.7	54.3	71.6	91.2	111.5	131.1
-35°	0.0	4.3	10.7	18.1	27.3	38.9	53.3	70.1	88.6	107.6	125.7
-37.5°	0.0	4.2	10.4	17.6	26.9	38.2	52.3	68.4	85.8	103.7	120.3
-40°	0.0	4.1	10.0	17.0	26.3	37.5	51.0	66.4	82.9	100.2	115.1
-42.5°	0.0	4.0	9.6	16.4	25.6	36.6	49.6	64.3	80.3	95.8	109.6
-45°	0.0	3.8	9.2	15.8	24.9	35.6	47.9	62.1	77.6	91.1	103.9
-47.5°	0.0	3.7	8.8	15.2	24.1	34.4	46.0	59.9	74.7	86.1	98.4
-50°	0.0	3.5	8.3	14.6	23.1	33.1	44.3	57.4	70.6	81.6	92.7
-52.5°	0.0	3.3	7.8	13.9	22.1	31.7	42.5	54.7	66.5	76.9	86.9
-55°	0.0	3.2	7.3	13.1	20.9	30.1	40.5	51.8	62.2	72.1	81.7
-57.5°	0.0	3.0	6.8	12.3	19.6	28.4	38.4	49.1	57.8	67.1	76.3
-60°	0.0	2.8	6.3	11.4	18.3	26.6	36.0	45.8	53.2	61.8	70.6
-62.5°	0.0	2.6	5.8	10.4	16.8	24.6	33.4	42.1	48.7	56.3	64.5
-65°	0.0	2.4	5.4	9.4	15.2	22.4	30.6	38.2	44.0	50.7	58.2
-67.5°	0.0	2.1	4.9	8.3	13.5	20.1	27.7	34.1	39.1	44.9	51.4
-70°	0.0	1.9	4.4	7.2	11.7	17.6	24.6	29.9	34.2	38.8	44.2
-72.5°	0.0	1.7	3.9	6.3	9.9	14.9	21.0	25.6	29.1	32.9	36.9
-75°	0.0	1.5	3.3	5.5	8.0	12.1	17.3	21.0	23.9	26.9	30.1
-77.5°	0.0	1.2	2.8	4.6	6.6	9.3	13.3	16.3	18.8	21.0	23.2
-80°	0.0	1.0	2.2	3.7	5.3	7.1	9.3	11.6	13.6	15.4	16.9
-82.5°	0.0	0.7	1.7	2.8	4.0	5.4	6.9	7.6	8.4	9.8	11.0
-85°	0.0	0.5	1.1	1.8	2.7	3.6	4.6	5.1	5.5	5.8	6.1
-87.5°	0.0	0.2	0.6	0.9	1.3	1.8	2.3	2.5	2.8	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.1	3.1	3.0	2.9	2.8	2.6	2.4	2.2	2.3	2.4	2.5
85°	6.2	6.2	6.7	7.1	7.4	7.4	7.3	7.0	7.9	8.9	10.0
82.5°	12.1	13.1	14.1	15.1	15.2	14.9	14.5	13.9	15.8	18.0	20.3
80°	18.5	20.1	21.9	23.5	23.9	23.8	23.2	22.4	24.8	28.2	31.9
77.5°	25.7	28.2	30.5	32.6	33.2	33.1	32.7	32.0	35.1	39.8	44.8
75°	33.3	36.3	39.2	41.8	42.9	43.0	42.9	43.6	47.7	53.2	58.1
72.5°	41.2	45.0	48.3	51.1	52.9	54.3	56.1	58.3	62.4	67.8	72.6
70°	49.5	53.7	57.2	60.4	63.1	66.1	69.9	73.7	78.0	83.4	88.4
67.5°	57.8	62.0	66.0	69.9	74.8	79.6	84.3	89.3	94.7	100.4	105.4
65°	65.4	70.3	75.1	80.7	87.2	92.6	98.4	104.8	111.9	118.3	124.2
62.5°	72.8	78.2	84.2	91.0	98.0	104.7	112.5	120.7	129.1	137.1	145.1
60°	79.0	85.7	93.0	100.7	108.7	117.9	127.1	136.9	146.8	156.5	166.4
57.5°	84.9	93.3	101.6	110.6	120.6	131.1	142.1	153.2	165.0	176.8	188.0
55°	91.1	100.9	110.4	121.0	132.6	144.9	157.4	170.7	183.8	198.6	212.3
52.5°	97.7	108.4	119.5	131.7	145.2	159.1	173.7	189.0	205.3	221.8	238.5
50°	104.1	116.2	128.6	143.2	158.2	174.1	191.0	208.8	227.8	246.9	267.1
47.5°	110.9	123.7	138.9	154.7	172.0	190.0	209.1	230.3	251.5	275.5	298.6
45°	117.5	132.3	148.8	167.1	186.1	206.4	229.1	252.4	279.4	306.5	337.0
42.5°	123.9	140.9	159.5	179.2	200.7	224.1	249.2	278.5	308.9	342.5	378.2
40°	131.2	149.2	170.2	192.1	215.5	242.2	272.3	304.9	342.0	381.8	422.4
37.5°	138.3	158.5	180.6	204.4	231.5	261.6	294.9	334.9	377.7	422.9	478.1
35°	144.9	167.4	191.4	217.5	246.8	281.7	321.6	365.7	415.1	473.3	537.7
32.5°	152.0	175.8	201.6	230.8	264.0	302.1	347.5	399.4	457.8	524.1	604.7
30°	159.1	184.5	211.7	243.3	280.3	324.4	375.9	433.2	500.5	583.6	678.3
27.5°	165.7	192.6	222.4	256.6	296.1	344.9	403.2	470.4	549.6	643.6	754.1
25°	171.8	199.9	232.2	269.2	313.5	367.0	430.2	504.7	598.8	710.9	846.9
22.5°	177.6	206.6	241.0	280.5	329.2	388.5	459.6	544.8	648.8	774.6	937.7
20°	183.0	213.9	249.8	291.4	343.2	407.8	486.5	582.2	700.6	849.6	1026.8
17.5°	187.7	220.2	258.2	303.1	358.8	427.5	512.0	615.3	746.7	916.5	1108.9
15°	191.8	225.8	265.4	313.3	372.9	447.0	538.7	651.5	794.8	977.3	1181.1
12.5°	195.2	230.4	271.4	321.9	384.7	463.5	561.5	683.8	841.7	1034.6	1244.4
10°	197.9	234.1	276.3	328.8	394.3	476.9	580.3	710.3	880.7	1083.7	1298.0
7.5°	200.2	237.0	280.1	334.0	401.5	487.2	595.0	730.7	911.1	1122.6	1339.1
5°	201.8	239.0	282.9	337.7	406.8	494.3	605.2	745.0	932.8	1150.8	1367.2
2.5°	202.7	240.1	284.6	339.7	410.0	498.4	610.6	753.9	944.7	1166.9	1384.2
0°	202.9	240.3	285.0	339.9	411.0	499.2	611.5	756.7	947.2	1171.1	1390.4
-2.5°	202.7	240.1	284.6	339.7	410.0	498.4	610.6	753.9	944.7	1166.9	1384.2
-5°	201.8	239.0	282.9	337.7	406.8	494.3	605.2	745.0	932.8	1150.8	1367.2
-7.5°	200.2	237.0	280.1	334.0	401.5	487.2	595.0	730.7	911.1	1122.6	1339.1
-10°	197.9	234.1	276.3	328.8	394.3	476.9	580.3	710.3	880.7	1083.7	1298.0
-12.5°	195.2	230.4	271.4	321.9	384.7	463.5	561.5	683.8	841.7	1034.6	1244.4
-15°	191.8	225.8	265.4	313.3	372.9	447.0	538.7	651.5	794.8	977.3	1181.1
-17.5°	187.7	220.2	258.2	303.1	358.8	427.5	512.0	615.3	746.7	916.5	1108.9
-20°	183.0	213.9	249.8	291.4	343.2	407.8	486.5	582.2	700.6	849.6	1026.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	177.6	206.6	241.0	280.5	329.2	388.5	459.6	544.8	648.8	774.6	937.7
-25°	171.8	199.9	232.2	269.2	313.5	367.0	430.2	504.7	598.8	710.9	846.9
-27.5°	165.7	192.6	222.4	256.6	296.1	344.9	403.2	470.4	549.6	643.6	754.1
-30°	159.1	184.5	211.7	243.3	280.3	324.4	375.9	433.2	500.5	583.6	678.3
-32.5°	152.0	175.8	201.6	230.8	264.0	302.1	347.5	399.4	457.8	524.1	604.7
-35°	144.9	167.4	191.4	217.5	246.8	281.7	321.6	365.7	415.1	473.3	537.7
-37.5°	138.3	158.5	180.6	204.4	231.5	261.6	294.9	334.9	377.7	422.9	478.1
-40°	131.2	149.2	170.2	192.1	215.5	242.2	272.3	304.9	342.0	381.8	422.4
-42.5°	123.9	140.9	159.5	179.2	200.7	224.1	249.2	278.5	308.9	342.5	378.2
-45°	117.5	132.3	148.8	167.1	186.1	206.4	229.1	252.4	279.4	306.5	337.0
-47.5°	110.9	123.7	138.9	154.7	172.0	190.0	209.1	230.3	251.5	275.5	298.6
-50°	104.1	116.2	128.6	143.2	158.2	174.1	191.0	208.8	227.8	246.9	267.1
-52.5°	97.7	108.4	119.5	131.7	145.2	159.1	173.7	189.0	205.3	221.8	238.5
-55°	91.1	100.9	110.4	121.0	132.6	144.9	157.4	170.7	183.8	198.6	212.3
-57.5°	84.9	93.3	101.6	110.6	120.6	131.1	142.1	153.2	165.0	176.8	188.0
-60°	79.0	85.7	93.0	100.7	108.7	117.9	127.1	136.9	146.8	156.5	166.4
-62.5°	72.8	78.2	84.2	91.0	98.0	104.7	112.5	120.7	129.1	137.1	145.1
-65°	65.4	70.3	75.1	80.7	87.2	92.6	98.4	104.8	111.9	118.3	124.2
-67.5°	57.8	62.0	66.0	69.9	74.8	79.6	84.3	89.3	94.7	100.4	105.4
-70°	49.5	53.7	57.2	60.4	63.1	66.1	69.9	73.7	78.0	83.4	88.4
-72.5°	41.2	45.0	48.3	51.1	52.9	54.3	56.1	58.3	62.4	67.8	72.6
-75°	33.3	36.3	39.2	41.8	42.9	43.0	42.9	43.6	47.7	53.2	58.1
-77.5°	25.7	28.2	30.5	32.6	33.2	33.1	32.7	32.0	35.1	39.8	44.8
-80°	18.5	20.1	21.9	23.5	23.9	23.8	23.2	22.4	24.8	28.2	31.9
-82.5°	12.1	13.1	14.1	15.1	15.2	14.9	14.5	13.9	15.8	18.0	20.3
-85°	6.2	6.2	6.7	7.1	7.4	7.4	7.3	7.0	7.9	8.9	10.0
-87.5°	3.1	3.1	3.0	2.9	2.8	2.6	2.4	2.2	2.3	2.4	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



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.7
85°	11.2	11.4	11.5	11.6	11.6	12.0	12.3	12.6	12.9	11.7	10.4
82.5°	22.7	23.8	24.7	25.6	26.5	27.2	27.7	28.0	28.3	25.6	22.5
80°	35.7	38.0	39.8	41.6	43.3	43.7	43.7	43.5	43.0	39.4	35.2
77.5°	49.7	52.6	55.0	57.3	59.6	60.4	60.8	61.1	61.3	56.7	51.1
75°	62.3	65.8	69.1	72.1	74.9	76.4	77.3	78.0	78.6	74.0	68.0
72.5°	76.8	80.5	84.0	87.4	90.3	92.3	93.6	94.6	95.5	92.9	89.1
70°	92.7	96.5	100.2	103.7	107.1	109.7	111.8	113.6	115.0	115.3	115.2
67.5°	110.3	114.8	119.3	123.1	127.1	130.8	134.0	136.7	138.9	140.3	141.1
65°	130.1	136.9	143.0	148.1	152.4	157.3	161.7	165.0	167.4	169.2	170.7
62.5°	153.4	161.7	168.6	175.4	182.5	189.4	193.6	197.9	202.1	206.1	209.5
60°	175.9	184.9	194.3	203.0	211.1	218.6	226.3	233.1	239.0	244.0	247.7
57.5°	199.8	210.8	221.5	232.6	243.0	252.7	262.2	271.0	278.5	284.9	290.1
55°	225.8	239.2	251.9	266.0	279.6	292.0	303.5	315.2	325.8	335.1	342.5
52.5°	253.8	271.3	288.0	304.5	322.2	338.1	352.4	368.7	383.1	395.0	404.3
50°	287.2	307.7	329.9	350.3	372.6	394.5	414.8	434.4	453.6	470.2	483.6
47.5°	325.3	350.6	378.0	405.1	432.8	462.7	489.5	514.4	541.2	564.5	583.1
45°	367.6	399.8	432.9	471.0	506.1	544.7	580.4	612.5	650.5	683.9	710.9
42.5°	414.5	457.5	500.9	549.0	595.6	644.6	696.5	742.6	793.1	841.1	880.0
40°	472.7	524.0	582.3	640.4	707.4	770.2	845.9	914.7	977.2	1034.6	1081.5
37.5°	537.3	603.4	676.6	752.4	843.9	933.6	1022.3	1105.9	1179.8	1242.6	1295.2
35°	610.7	694.7	783.4	893.9	1001.2	1108.6	1208.7	1300.2	1380.6	1451.4	1511.5
32.5°	695.1	795.9	920.1	1044.3	1166.6	1284.9	1394.8	1494.6	1582.7	1662.2	1731.4
30°	783.9	921.4	1060.7	1197.0	1330.6	1460.2	1580.9	1690.8	1790.3	1878.8	1958.5
27.5°	896.7	1049.0	1201.0	1347.9	1494.9	1636.7	1767.5	1889.6	2003.8	2103.8	2194.9
25°	1005.8	1174.1	1335.6	1495.8	1655.8	1808.1	1954.3	2092.1	2223.0	2337.8	2439.5
22.5°	1114.8	1291.0	1463.6	1635.8	1807.7	1977.5	2141.6	2299.6	2446.0	2576.7	2691.2
20°	1215.9	1400.0	1584.6	1770.3	1956.6	2142.4	2326.8	2504.6	2667.6	2818.5	2951.0
17.5°	1306.4	1502.3	1698.0	1896.6	2098.6	2300.3	2505.1	2704.4	2890.8	3062.4	3216.3
15°	1386.6	1591.0	1801.2	2015.5	2232.4	2451.5	2675.0	2897.9	3107.7	3302.7	3474.4
12.5°	1456.7	1669.2	1889.5	2117.2	2352.6	2591.4	2835.2	3079.6	3311.9	3537.0	3722.4
10°	1514.6	1735.8	1966.0	2205.2	2453.5	2710.4	2972.1	3235.2	3491.0	3729.8	3941.9
7.5°	1559.3	1788.7	2026.0	2274.8	2535.3	2806.2	3083.4	3362.5	3635.6	3892.9	4127.5
5°	1590.8	1827.3	2067.5	2326.4	2595.9	2876.6	3164.7	3455.6	3741.1	4011.6	4254.7
2.5°	1609.1	1850.4	2091.7	2357.7	2631.9	2919.2	3215.2	3510.8	3803.8	4084.4	4334.3
0°	1613.9	1857.4	2105.6	2361.0	2643.2	2939.2	3224.5	3521.1	3825.6	4102.3	4351.2
-2.5°	1609.1	1850.4	2091.7	2357.7	2631.9	2919.2	3215.2	3510.8	3803.8	4084.4	4334.3
-5°	1590.8	1827.3	2067.5	2326.4	2595.9	2876.6	3164.7	3455.6	3741.1	4011.6	4254.7
-7.5°	1559.3	1788.7	2026.0	2274.8	2535.3	2806.2	3083.4	3362.5	3635.6	3892.9	4127.5
-10°	1514.6	1735.8	1966.0	2205.2	2453.5	2710.4	2972.1	3235.2	3491.0	3729.8	3941.9
-12.5°	1456.7	1669.2	1889.5	2117.2	2352.6	2591.4	2835.2	3079.6	3311.9	3537.0	3722.4
-15°	1386.6	1591.0	1801.2	2015.5	2232.4	2451.5	2675.0	2897.9	3107.7	3302.7	3474.4
-17.5°	1306.4	1502.3	1698.0	1896.6	2098.6	2300.3	2505.1	2704.4	2890.8	3062.4	3216.3
-20°	1215.9	1400.0	1584.6	1770.3	1956.6	2142.4	2326.8	2504.6	2667.6	2818.5	2951.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1114.8	1291.0	1463.6	1635.8	1807.7	1977.5	2141.6	2299.6	2446.0	2576.7	2691.2
-25°	1005.8	1174.1	1335.6	1495.8	1655.8	1808.1	1954.3	2092.1	2223.0	2337.8	2439.5
-27.5°	896.7	1049.0	1201.0	1347.9	1494.9	1636.7	1767.5	1889.6	2003.8	2103.8	2194.9
-30°	783.9	921.4	1060.7	1197.0	1330.6	1460.2	1580.9	1690.8	1790.3	1878.8	1958.5
-32.5°	695.1	795.9	920.1	1044.3	1166.6	1284.9	1394.8	1494.6	1582.7	1662.2	1731.4
-35°	610.7	694.7	783.4	893.9	1001.2	1108.6	1208.7	1300.2	1380.6	1451.4	1511.5
-37.5°	537.3	603.4	676.6	752.4	843.9	933.6	1022.3	1105.9	1179.8	1242.6	1295.2
-40°	472.7	524.0	582.3	640.4	707.4	770.2	845.9	914.7	977.2	1034.6	1081.5
-42.5°	414.5	457.5	500.9	549.0	595.6	644.6	696.5	742.6	793.1	841.1	880.0
-45°	367.6	399.8	432.9	471.0	506.1	544.7	580.4	612.5	650.5	683.9	710.9
-47.5°	325.3	350.6	378.0	405.1	432.8	462.7	489.5	514.4	541.2	564.5	583.1
-50°	287.2	307.7	329.9	350.3	372.6	394.5	414.8	434.4	453.6	470.2	483.6
-52.5°	253.8	271.3	288.0	304.5	322.2	338.1	352.4	368.7	383.1	395.0	404.3
-55°	225.8	239.2	251.9	266.0	279.6	292.0	303.5	315.2	325.8	335.1	342.5
-57.5°	199.8	210.8	221.5	232.6	243.0	252.7	262.2	271.0	278.5	284.9	290.1
-60°	175.9	184.9	194.3	203.0	211.1	218.6	226.3	233.1	239.0	244.0	247.7
-62.5°	153.4	161.7	168.6	175.4	182.5	189.4	193.6	197.9	202.1	206.1	209.5
-65°	130.1	136.9	143.0	148.1	152.4	157.3	161.7	165.0	167.4	169.2	170.7
-67.5°	110.3	114.8	119.3	123.1	127.1	130.8	134.0	136.7	138.9	140.3	141.1
-70°	92.7	96.5	100.2	103.7	107.1	109.7	111.8	113.6	115.0	115.3	115.2
-72.5°	76.8	80.5	84.0	87.4	90.3	92.3	93.6	94.6	95.5	92.9	89.1
-75°	62.3	65.8	69.1	72.1	74.9	76.4	77.3	78.0	78.6	74.0	68.0
-77.5°	49.7	52.6	55.0	57.3	59.6	60.4	60.8	61.1	61.3	56.7	51.1
-80°	35.7	38.0	39.8	41.6	43.3	43.7	43.7	43.5	43.0	39.4	35.2
-82.5°	22.7	23.8	24.7	25.6	26.5	27.2	27.7	28.0	28.3	25.6	22.5
-85°	11.2	11.4	11.5	11.6	11.6	12.0	12.3	12.6	12.9	11.7	10.4
-87.5°	2.5	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	1.6	1.4	1.2	1.0	1.2	1.4	1.6	1.7	1.9	2.0	2.1
85°	9.0	7.6	7.4	7.2	7.4	7.6	9.0	10.4	11.7	12.9	12.6
82.5°	19.4	16.1	15.6	15.1	15.6	16.1	19.4	22.5	25.6	28.3	28.0
80°	30.9	26.4	25.5	24.7	25.5	26.4	30.9	35.2	39.4	43.0	43.5
77.5°	45.3	39.2	37.4	35.7	37.4	39.2	45.3	51.1	56.7	61.3	61.1
75°	61.8	55.4	53.2	51.2	53.2	55.4	61.8	68.0	74.0	78.6	78.0
72.5°	85.3	81.4	77.4	73.1	77.4	81.4	85.3	89.1	92.9	95.5	94.6
70°	115.1	114.8	113.8	112.3	113.8	114.8	115.1	115.2	115.3	115.0	113.6
67.5°	141.5	141.3	141.7	141.8	141.7	141.3	141.5	141.1	140.3	138.9	136.7
65°	171.7	172.0	172.7	173.0	172.7	172.0	171.7	170.7	169.2	167.4	165.0
62.5°	212.1	213.8	214.7	214.6	214.7	213.8	212.1	209.5	206.1	202.1	197.9
60°	250.5	252.3	253.4	253.7	253.4	252.3	250.5	247.7	244.0	239.0	233.1
57.5°	294.2	297.2	298.8	299.0	298.8	297.2	294.2	290.1	284.9	278.5	271.0
55°	348.1	352.0	353.8	353.6	353.8	352.0	348.1	342.5	335.1	325.8	315.2
52.5°	411.3	416.1	419.7	421.9	419.7	416.1	411.3	404.3	395.0	383.1	368.7
50°	493.7	500.6	504.9	506.7	504.9	500.6	493.7	483.6	470.2	453.6	434.4
47.5°	596.6	605.8	612.6	617.3	612.6	605.8	596.6	583.1	564.5	541.2	514.4
45°	730.8	744.7	754.2	759.8	754.2	744.7	730.8	710.9	683.9	650.5	612.5
42.5°	910.3	931.9	945.2	950.3	945.2	931.9	910.3	880.0	841.1	793.1	742.6
40°	1118.6	1144.6	1161.7	1173.5	1161.7	1144.6	1118.6	1081.5	1034.6	977.2	914.7
37.5°	1335.6	1362.9	1379.5	1390.8	1379.5	1362.9	1335.6	1295.2	1242.6	1179.8	1105.9
35°	1556.9	1585.5	1601.1	1609.8	1601.1	1585.5	1556.9	1511.5	1451.4	1380.6	1300.2
32.5°	1784.2	1815.7	1832.7	1850.2	1832.7	1815.7	1784.2	1731.4	1662.2	1582.7	1494.6
30°	2021.5	2057.7	2075.4	2084.0	2075.4	2057.7	2021.5	1958.5	1878.8	1790.3	1690.8
27.5°	2268.5	2313.5	2335.7	2350.4	2335.7	2313.5	2268.5	2194.9	2103.8	2003.8	1889.6
25°	2525.4	2581.3	2606.8	2629.5	2606.8	2581.3	2525.4	2439.5	2337.8	2223.0	2092.1
22.5°	2792.1	2861.6	2891.1	2907.2	2891.1	2861.6	2792.1	2691.2	2576.7	2446.0	2299.6
20°	3065.7	3148.8	3189.7	3210.7	3189.7	3148.8	3065.7	2951.0	2818.5	2667.6	2504.6
17.5°	3345.4	3448.8	3501.8	3513.9	3501.8	3448.8	3345.4	3216.3	3062.4	2890.8	2704.4
15°	3620.1	3731.8	3794.4	3817.4	3794.4	3731.8	3620.1	3474.4	3302.7	3107.7	2897.9
12.5°	3880.1	3996.0	4070.8	4084.1	4070.8	3996.0	3880.1	3722.4	3537.0	3311.9	3079.6
10°	4116.1	4236.1	4318.7	4337.5	4318.7	4236.1	4116.1	3941.9	3729.8	3491.0	3235.2
7.5°	4313.2	4445.0	4536.2	4552.1	4536.2	4445.0	4313.2	4127.5	3892.9	3635.6	3362.5
5°	4457.5	4613.9	4688.8	4707.6	4688.8	4613.9	4457.5	4254.7	4011.6	3741.1	3455.6
2.5°	4536.6	4695.9	4800.0	4787.9	4800.0	4695.9	4536.6	4334.3	4084.4	3803.8	3510.8
0°	4545.6	4712.1	4811.6	4857.6	4811.6	4712.1	4545.6	4351.2	4102.3	3825.6	3521.1
-2.5°	4536.6	4695.9	4800.0	4787.9	4800.0	4695.9	4536.6	4334.3	4084.4	3803.8	3510.8
-5°	4457.5	4613.9	4688.8	4707.6	4688.8	4613.9	4457.5	4254.7	4011.6	3741.1	3455.6
-7.5°	4313.2	4445.0	4536.2	4552.1	4536.2	4445.0	4313.2	4127.5	3892.9	3635.6	3362.5
-10°	4116.1	4236.1	4318.7	4337.5	4318.7	4236.1	4116.1	3941.9	3729.8	3491.0	3235.2
-12.5°	3880.1	3996.0	4070.8	4084.1	4070.8	3996.0	3880.1	3722.4	3537.0	3311.9	3079.6
-15°	3620.1	3731.8	3794.4	3817.4	3794.4	3731.8	3620.1	3474.4	3302.7	3107.7	2897.9
-17.5°	3345.4	3448.8	3501.8	3513.9	3501.8	3448.8	3345.4	3216.3	3062.4	2890.8	2704.4
-20°	3065.7	3148.8	3189.7	3210.7	3189.7	3148.8	3065.7	2951.0	2818.5	2667.6	2504.6



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2792.1	2861.6	2891.1	2907.2	2891.1	2861.6	2792.1	2691.2	2576.7	2446.0	2299.6
-25°	2525.4	2581.3	2606.8	2629.5	2606.8	2581.3	2525.4	2439.5	2337.8	2223.0	2092.1
-27.5°	2268.5	2313.5	2335.7	2350.4	2335.7	2313.5	2268.5	2194.9	2103.8	2003.8	1889.6
-30°	2021.5	2057.7	2075.4	2084.0	2075.4	2057.7	2021.5	1958.5	1878.8	1790.3	1690.8
-32.5°	1784.2	1815.7	1832.7	1850.2	1832.7	1815.7	1784.2	1731.4	1662.2	1582.7	1494.6
-35°	1556.9	1585.5	1601.1	1609.8	1601.1	1585.5	1556.9	1511.5	1451.4	1380.6	1300.2
-37.5°	1335.6	1362.9	1379.5	1390.8	1379.5	1362.9	1335.6	1295.2	1242.6	1179.8	1105.9
-40°	1118.6	1144.6	1161.7	1173.5	1161.7	1144.6	1118.6	1081.5	1034.6	977.2	914.7
-42.5°	910.3	931.9	945.2	950.3	945.2	931.9	910.3	880.0	841.1	793.1	742.6
-45°	730.8	744.7	754.2	759.8	754.2	744.7	730.8	710.9	683.9	650.5	612.5
-47.5°	596.6	605.8	612.6	617.3	612.6	605.8	596.6	583.1	564.5	541.2	514.4
-50°	493.7	500.6	504.9	506.7	504.9	500.6	493.7	483.6	470.2	453.6	434.4
-52.5°	411.3	416.1	419.7	421.9	419.7	416.1	411.3	404.3	395.0	383.1	368.7
-55°	348.1	352.0	353.8	353.6	353.8	352.0	348.1	342.5	335.1	325.8	315.2
-57.5°	294.2	297.2	298.8	299.0	298.8	297.2	294.2	290.1	284.9	278.5	271.0
-60°	250.5	252.3	253.4	253.7	253.4	252.3	250.5	247.7	244.0	239.0	233.1
-62.5°	212.1	213.8	214.7	214.6	214.7	213.8	212.1	209.5	206.1	202.1	197.9
-65°	171.7	172.0	172.7	173.0	172.7	172.0	171.7	170.7	169.2	167.4	165.0
-67.5°	141.5	141.3	141.7	141.8	141.7	141.3	141.5	141.1	140.3	138.9	136.7
-70°	115.1	114.8	113.8	112.3	113.8	114.8	115.1	115.2	115.3	115.0	113.6
-72.5°	85.3	81.4	77.4	73.1	77.4	81.4	85.3	89.1	92.9	95.5	94.6
-75°	61.8	55.4	53.2	51.2	53.2	55.4	61.8	68.0	74.0	78.6	78.0
-77.5°	45.3	39.2	37.4	35.7	37.4	39.2	45.3	51.1	56.7	61.3	61.1
-80°	30.9	26.4	25.5	24.7	25.5	26.4	30.9	35.2	39.4	43.0	43.5
-82.5°	19.4	16.1	15.6	15.1	15.6	16.1	19.4	22.5	25.6	28.3	28.0
-85°	9.0	7.6	7.4	7.2	7.4	7.6	9.0	10.4	11.7	12.9	12.6
-87.5°	1.6	1.4	1.2	1.0	1.2	1.4	1.6	1.7	1.9	2.0	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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CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2
85°	12.3	12.0	11.6	11.6	11.5	11.4	11.2	10.0	8.9	7.9	7.0
82.5°	27.7	27.2	26.5	25.6	24.7	23.8	22.7	20.3	18.0	15.8	13.9
80°	43.7	43.7	43.3	41.6	39.8	38.0	35.7	31.9	28.2	24.8	22.4
77.5°	60.8	60.4	59.6	57.3	55.0	52.6	49.7	44.8	39.8	35.1	32.0
75°	77.3	76.4	74.9	72.1	69.1	65.8	62.3	58.1	53.2	47.7	43.6
72.5°	93.6	92.3	90.3	87.4	84.0	80.5	76.8	72.6	67.8	62.4	58.3
70°	111.8	109.7	107.1	103.7	100.2	96.5	92.7	88.4	83.4	78.0	73.7
67.5°	134.0	130.8	127.1	123.1	119.3	114.8	110.3	105.4	100.4	94.7	89.3
65°	161.7	157.3	152.4	148.1	143.0	136.9	130.1	124.2	118.3	111.9	104.8
62.5°	193.6	189.4	182.5	175.4	168.6	161.7	153.4	145.1	137.1	129.1	120.7
60°	226.3	218.6	211.1	203.0	194.3	184.9	175.9	166.4	156.5	146.8	136.9
57.5°	262.2	252.7	243.0	232.6	221.5	210.8	199.8	188.0	176.8	165.0	153.2
55°	303.5	292.0	279.6	266.0	251.9	239.2	225.8	212.3	198.6	183.8	170.7
52.5°	352.4	338.1	322.2	304.5	288.0	271.3	253.8	238.5	221.8	205.3	189.0
50°	414.8	394.5	372.6	350.3	329.9	307.7	287.2	267.1	246.9	227.8	208.8
47.5°	489.5	462.7	432.8	405.1	378.0	350.6	325.3	298.6	275.5	251.5	230.3
45°	580.4	544.7	506.1	471.0	432.9	399.8	367.6	337.0	306.5	279.4	252.4
42.5°	696.5	644.6	595.6	549.0	500.9	457.5	414.5	378.2	342.5	308.9	278.5
40°	845.9	770.2	707.4	640.4	582.3	524.0	472.7	422.4	381.8	342.0	304.9
37.5°	1022.3	933.6	843.9	752.4	676.6	603.4	537.3	478.1	422.9	377.7	334.9
35°	1208.7	1108.6	1001.2	893.9	783.4	694.7	610.7	537.7	473.3	415.1	365.7
32.5°	1394.8	1284.9	1166.6	1044.3	920.1	795.9	695.1	604.7	524.1	457.8	399.4
30°	1580.9	1460.2	1330.6	1197.0	1060.7	921.4	783.9	678.3	583.6	500.5	433.2
27.5°	1767.5	1636.7	1494.9	1347.9	1201.0	1049.0	896.7	754.1	643.6	549.6	470.4
25°	1954.3	1808.1	1655.8	1495.8	1335.6	1174.1	1005.8	846.9	710.9	598.8	504.7
22.5°	2141.6	1977.5	1807.7	1635.8	1463.6	1291.0	1114.8	937.7	774.6	648.8	544.8
20°	2326.8	2142.4	1956.6	1770.3	1584.6	1400.0	1215.9	1026.8	849.6	700.6	582.2
17.5°	2505.1	2300.3	2098.6	1896.6	1698.0	1502.3	1306.4	1108.9	916.5	746.7	615.3
15°	2675.0	2451.5	2232.4	2015.5	1801.2	1591.0	1386.6	1181.1	977.3	794.8	651.5
12.5°	2835.2	2591.4	2352.6	2117.2	1889.5	1669.2	1456.7	1244.4	1034.6	841.7	683.8
10°	2972.1	2710.4	2453.5	2205.2	1966.0	1735.8	1514.6	1298.0	1083.7	880.7	710.3
7.5°	3083.4	2806.2	2535.3	2274.8	2026.0	1788.7	1559.3	1339.1	1122.6	911.1	730.7
5°	3164.7	2876.6	2595.9	2326.4	2067.5	1827.3	1590.8	1367.2	1150.8	932.8	745.0
2.5°	3215.2	2919.2	2631.9	2357.7	2091.7	1850.4	1609.1	1384.2	1166.9	944.7	753.9
0°	3224.5	2939.2	2643.2	2361.0	2105.6	1857.4	1613.9	1390.4	1171.1	947.2	756.7
-2.5°	3215.2	2919.2	2631.9	2357.7	2091.7	1850.4	1609.1	1384.2	1166.9	944.7	753.9
-5°	3164.7	2876.6	2595.9	2326.4	2067.5	1827.3	1590.8	1367.2	1150.8	932.8	745.0
-7.5°	3083.4	2806.2	2535.3	2274.8	2026.0	1788.7	1559.3	1339.1	1122.6	911.1	730.7
-10°	2972.1	2710.4	2453.5	2205.2	1966.0	1735.8	1514.6	1298.0	1083.7	880.7	710.3
-12.5°	2835.2	2591.4	2352.6	2117.2	1889.5	1669.2	1456.7	1244.4	1034.6	841.7	683.8
-15°	2675.0	2451.5	2232.4	2015.5	1801.2	1591.0	1386.6	1181.1	977.3	794.8	651.5
-17.5°	2505.1	2300.3	2098.6	1896.6	1698.0	1502.3	1306.4	1108.9	916.5	746.7	615.3
-20°	2326.8	2142.4	1956.6	1770.3	1584.6	1400.0	1215.9	1026.8	849.6	700.6	582.2



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CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2141.6	1977.5	1807.7	1635.8	1463.6	1291.0	1114.8	937.7	774.6	648.8	544.8
-25°	1954.3	1808.1	1655.8	1495.8	1335.6	1174.1	1005.8	846.9	710.9	598.8	504.7
-27.5°	1767.5	1636.7	1494.9	1347.9	1201.0	1049.0	896.7	754.1	643.6	549.6	470.4
-30°	1580.9	1460.2	1330.6	1197.0	1060.7	921.4	783.9	678.3	583.6	500.5	433.2
-32.5°	1394.8	1284.9	1166.6	1044.3	920.1	795.9	695.1	604.7	524.1	457.8	399.4
-35°	1208.7	1108.6	1001.2	893.9	783.4	694.7	610.7	537.7	473.3	415.1	365.7
-37.5°	1022.3	933.6	843.9	752.4	676.6	603.4	537.3	478.1	422.9	377.7	334.9
-40°	845.9	770.2	707.4	640.4	582.3	524.0	472.7	422.4	381.8	342.0	304.9
-42.5°	696.5	644.6	595.6	549.0	500.9	457.5	414.5	378.2	342.5	308.9	278.5
-45°	580.4	544.7	506.1	471.0	432.9	399.8	367.6	337.0	306.5	279.4	252.4
-47.5°	489.5	462.7	432.8	405.1	378.0	350.6	325.3	298.6	275.5	251.5	230.3
-50°	414.8	394.5	372.6	350.3	329.9	307.7	287.2	267.1	246.9	227.8	208.8
-52.5°	352.4	338.1	322.2	304.5	288.0	271.3	253.8	238.5	221.8	205.3	189.0
-55°	303.5	292.0	279.6	266.0	251.9	239.2	225.8	212.3	198.6	183.8	170.7
-57.5°	262.2	252.7	243.0	232.6	221.5	210.8	199.8	188.0	176.8	165.0	153.2
-60°	226.3	218.6	211.1	203.0	194.3	184.9	175.9	166.4	156.5	146.8	136.9
-62.5°	193.6	189.4	182.5	175.4	168.6	161.7	153.4	145.1	137.1	129.1	120.7
-65°	161.7	157.3	152.4	148.1	143.0	136.9	130.1	124.2	118.3	111.9	104.8
-67.5°	134.0	130.8	127.1	123.1	119.3	114.8	110.3	105.4	100.4	94.7	89.3
-70°	111.8	109.7	107.1	103.7	100.2	96.5	92.7	88.4	83.4	78.0	73.7
-72.5°	93.6	92.3	90.3	87.4	84.0	80.5	76.8	72.6	67.8	62.4	58.3
-75°	77.3	76.4	74.9	72.1	69.1	65.8	62.3	58.1	53.2	47.7	43.6
-77.5°	60.8	60.4	59.6	57.3	55.0	52.6	49.7	44.8	39.8	35.1	32.0
-80°	43.7	43.7	43.3	41.6	39.8	38.0	35.7	31.9	28.2	24.8	22.4
-82.5°	27.7	27.2	26.5	25.6	24.7	23.8	22.7	20.3	18.0	15.8	13.9
-85°	12.3	12.0	11.6	11.6	11.5	11.4	11.2	10.0	8.9	7.9	7.0
-87.5°	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2
-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: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.6	2.8	2.9	3.0	3.1	3.1	3.0	2.9	2.8	2.5
85°	7.3	7.4	7.4	7.1	6.7	6.2	6.2	6.1	5.8	5.5	5.1
82.5°	14.5	14.9	15.2	15.1	14.1	13.1	12.1	11.0	9.8	8.4	7.6
80°	23.2	23.8	23.9	23.5	21.9	20.1	18.5	16.9	15.4	13.6	11.6
77.5°	32.7	33.1	33.2	32.6	30.5	28.2	25.7	23.2	21.0	18.8	16.3
75°	42.9	43.0	42.9	41.8	39.2	36.3	33.3	30.1	26.9	23.9	21.0
72.5°	56.1	54.3	52.9	51.1	48.3	45.0	41.2	36.9	32.9	29.1	25.6
70°	69.9	66.1	63.1	60.4	57.2	53.7	49.5	44.2	38.8	34.2	29.9
67.5°	84.3	79.6	74.8	69.9	66.0	62.0	57.8	51.4	44.9	39.1	34.1
65°	98.4	92.6	87.2	80.7	75.1	70.3	65.4	58.2	50.7	44.0	38.2
62.5°	112.5	104.7	98.0	91.0	84.2	78.2	72.8	64.5	56.3	48.7	42.1
60°	127.1	117.9	108.7	100.7	93.0	85.7	79.0	70.6	61.8	53.2	45.8
57.5°	142.1	131.1	120.6	110.6	101.6	93.3	84.9	76.3	67.1	57.8	49.1
55°	157.4	144.9	132.6	121.0	110.4	100.9	91.1	81.7	72.1	62.2	51.8
52.5°	173.7	159.1	145.2	131.7	119.5	108.4	97.7	86.9	76.9	66.5	54.7
50°	191.0	174.1	158.2	143.2	128.6	116.2	104.1	92.7	81.6	70.6	57.4
47.5°	209.1	190.0	172.0	154.7	138.9	123.7	110.9	98.4	86.1	74.7	59.9
45°	229.1	206.4	186.1	167.1	148.8	132.3	117.5	103.9	91.1	77.6	62.1
42.5°	249.2	224.1	200.7	179.2	159.5	140.9	123.9	109.6	95.8	80.3	64.3
40°	272.3	242.2	215.5	192.1	170.2	149.2	131.2	115.1	100.2	82.9	66.4
37.5°	294.9	261.6	231.5	204.4	180.6	158.5	138.3	120.3	103.7	85.8	68.4
35°	321.6	281.7	246.8	217.5	191.4	167.4	144.9	125.7	107.6	88.6	70.1
32.5°	347.5	302.1	264.0	230.8	201.6	175.8	152.0	131.1	111.5	91.2	71.6
30°	375.9	324.4	280.3	243.3	211.7	184.5	159.1	136.3	115.4	93.7	73.0
27.5°	403.2	344.9	296.1	256.6	222.4	192.6	165.7	141.1	119.3	96.3	74.8
25°	430.2	367.0	313.5	269.2	232.2	199.9	171.8	145.6	123.2	99.2	76.5
22.5°	459.6	388.5	329.2	280.5	241.0	206.6	177.6	150.5	126.7	102.0	77.9
20°	486.5	407.8	343.2	291.4	249.8	213.9	183.0	154.9	129.9	104.6	79.1
17.5°	512.0	427.5	358.8	303.1	258.2	220.2	187.7	158.8	132.7	107.0	80.1
15°	538.7	447.0	372.9	313.3	265.4	225.8	191.8	162.1	135.1	109.2	81.0
12.5°	561.5	463.5	384.7	321.9	271.4	230.4	195.2	164.9	137.2	111.0	81.8
10°	580.3	476.9	394.3	328.8	276.3	234.1	197.9	167.2	138.8	112.4	82.3
7.5°	595.0	487.2	401.5	334.0	280.1	237.0	200.2	168.9	140.1	113.4	82.4
5°	605.2	494.3	406.8	337.7	282.9	239.0	201.8	170.1	141.0	114.0	82.1
2.5°	610.6	498.4	410.0	339.7	284.6	240.1	202.7	170.6	141.4	114.0	81.6
0°	611.5	499.2	411.0	339.9	285.0	240.3	202.9	170.6	141.4	113.6	80.7
-2.5°	610.6	498.4	410.0	339.7	284.6	240.1	202.7	170.6	141.4	114.0	81.6
-5°	605.2	494.3	406.8	337.7	282.9	239.0	201.8	170.1	141.0	114.0	82.1
-7.5°	595.0	487.2	401.5	334.0	280.1	237.0	200.2	168.9	140.1	113.4	82.4
-10°	580.3	476.9	394.3	328.8	276.3	234.1	197.9	167.2	138.8	112.4	82.3
-12.5°	561.5	463.5	384.7	321.9	271.4	230.4	195.2	164.9	137.2	111.0	81.8
-15°	538.7	447.0	372.9	313.3	265.4	225.8	191.8	162.1	135.1	109.2	81.0
-17.5°	512.0	427.5	358.8	303.1	258.2	220.2	187.7	158.8	132.7	107.0	80.1
-20°	486.5	407.8	343.2	291.4	249.8	213.9	183.0	154.9	129.9	104.6	79.1

Classified

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Scaled Data Report



REPORT NUMBER: P626663 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	459.6	388.5	329.2	280.5	241.0	206.6	177.6	150.5	126.7	102.0	77.9
-25°	430.2	367.0	313.5	269.2	232.2	199.9	171.8	145.6	123.2	99.2	76.5
-27.5°	403.2	344.9	296.1	256.6	222.4	192.6	165.7	141.1	119.3	96.3	74.8
-30°	375.9	324.4	280.3	243.3	211.7	184.5	159.1	136.3	115.4	93.7	73.0
-32.5°	347.5	302.1	264.0	230.8	201.6	175.8	152.0	131.1	111.5	91.2	71.6
-35°	321.6	281.7	246.8	217.5	191.4	167.4	144.9	125.7	107.6	88.6	70.1
-37.5°	294.9	261.6	231.5	204.4	180.6	158.5	138.3	120.3	103.7	85.8	68.4
-40°	272.3	242.2	215.5	192.1	170.2	149.2	131.2	115.1	100.2	82.9	66.4
-42.5°	249.2	224.1	200.7	179.2	159.5	140.9	123.9	109.6	95.8	80.3	64.3
-45°	229.1	206.4	186.1	167.1	148.8	132.3	117.5	103.9	91.1	77.6	62.1
-47.5°	209.1	190.0	172.0	154.7	138.9	123.7	110.9	98.4	86.1	74.7	59.9
-50°	191.0	174.1	158.2	143.2	128.6	116.2	104.1	92.7	81.6	70.6	57.4
-52.5°	173.7	159.1	145.2	131.7	119.5	108.4	97.7	86.9	76.9	66.5	54.7
-55°	157.4	144.9	132.6	121.0	110.4	100.9	91.1	81.7	72.1	62.2	51.8
-57.5°	142.1	131.1	120.6	110.6	101.6	93.3	84.9	76.3	67.1	57.8	49.1
-60°	127.1	117.9	108.7	100.7	93.0	85.7	79.0	70.6	61.8	53.2	45.8
-62.5°	112.5	104.7	98.0	91.0	84.2	78.2	72.8	64.5	56.3	48.7	42.1
-65°	98.4	92.6	87.2	80.7	75.1	70.3	65.4	58.2	50.7	44.0	38.2
-67.5°	84.3	79.6	74.8	69.9	66.0	62.0	57.8	51.4	44.9	39.1	34.1
-70°	69.9	66.1	63.1	60.4	57.2	53.7	49.5	44.2	38.8	34.2	29.9
-72.5°	56.1	54.3	52.9	51.1	48.3	45.0	41.2	36.9	32.9	29.1	25.6
-75°	42.9	43.0	42.9	41.8	39.2	36.3	33.3	30.1	26.9	23.9	21.0
-77.5°	32.7	33.1	33.2	32.6	30.5	28.2	25.7	23.2	21.0	18.8	16.3
-80°	23.2	23.8	23.9	23.5	21.9	20.1	18.5	16.9	15.4	13.6	11.6
-82.5°	14.5	14.9	15.2	15.1	14.1	13.1	12.1	11.0	9.8	8.4	7.6
-85°	7.3	7.4	7.4	7.1	6.7	6.2	6.2	6.1	5.8	5.5	5.1
-87.5°	2.4	2.6	2.8	2.9	3.0	3.1	3.1	3.0	2.9	2.8	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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CATALOG NUMBER: GFLD-SA1C-727-U-WR-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°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
85°	4.6	3.6	2.7	1.8	1.1	0.5	0.0
82.5°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
80°	9.3	7.1	5.3	3.7	2.2	1.0	0.0
77.5°	13.3	9.3	6.6	4.6	2.8	1.2	0.0
75°	17.3	12.1	8.0	5.5	3.3	1.5	0.0
72.5°	21.0	14.9	9.9	6.3	3.9	1.7	0.0
70°	24.6	17.6	11.7	7.2	4.4	1.9	0.0
67.5°	27.7	20.1	13.5	8.3	4.9	2.1	0.0
65°	30.6	22.4	15.2	9.4	5.4	2.4	0.0
62.5°	33.4	24.6	16.8	10.4	5.8	2.6	0.0
60°	36.0	26.6	18.3	11.4	6.3	2.8	0.0
57.5°	38.4	28.4	19.6	12.3	6.8	3.0	0.0
55°	40.5	30.1	20.9	13.1	7.3	3.2	0.0
52.5°	42.5	31.7	22.1	13.9	7.8	3.3	0.0
50°	44.3	33.1	23.1	14.6	8.3	3.5	0.0
47.5°	46.0	34.4	24.1	15.2	8.8	3.7	0.0
45°	47.9	35.6	24.9	15.8	9.2	3.8	0.0
42.5°	49.6	36.6	25.6	16.4	9.6	4.0	0.0
40°	51.0	37.5	26.3	17.0	10.0	4.1	0.0
37.5°	52.3	38.2	26.9	17.6	10.4	4.2	0.0
35°	53.3	38.9	27.3	18.1	10.7	4.3	0.0
32.5°	54.3	39.7	27.7	18.6	11.0	4.4	0.0
30°	55.4	40.2	28.0	19.1	11.3	4.5	0.0
27.5°	56.2	40.6	28.6	19.5	11.6	4.6	0.0
25°	56.9	40.9	29.1	19.9	11.8	4.7	0.0
22.5°	57.4	41.2	29.7	20.2	12.0	4.7	0.0
20°	57.7	41.9	30.1	20.4	12.2	4.8	0.0
17.5°	58.3	42.6	30.5	20.6	12.3	4.8	0.0
15°	59.1	43.1	30.8	20.8	12.4	4.8	0.0
12.5°	59.7	43.4	31.0	20.9	12.5	4.9	0.0
10°	60.0	43.6	31.1	20.9	12.5	4.9	0.0
7.5°	60.2	43.7	31.2	20.9	12.5	4.9	0.0
5°	60.1	43.7	31.2	20.9	12.5	4.9	0.0
2.5°	59.9	43.6	31.1	20.8	12.5	4.8	0.0
0°	59.4	43.3	30.9	20.6	12.4	4.8	0.0
-2.5°	59.9	43.6	31.1	20.8	12.5	4.8	0.0
-5°	60.1	43.7	31.2	20.9	12.5	4.9	0.0
-7.5°	60.2	43.7	31.2	20.9	12.5	4.9	0.0
-10°	60.0	43.6	31.1	20.9	12.5	4.9	0.0
-12.5°	59.7	43.4	31.0	20.9	12.5	4.9	0.0
-15°	59.1	43.1	30.8	20.8	12.4	4.8	0.0
-17.5°	58.3	42.6	30.5	20.6	12.3	4.8	0.0
-20°	57.7	41.9	30.1	20.4	12.2	4.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.4	41.2	29.7	20.2	12.0	4.7	0.0
-25°	56.9	40.9	29.1	19.9	11.8	4.7	0.0
-27.5°	56.2	40.6	28.6	19.5	11.6	4.6	0.0
-30°	55.4	40.2	28.0	19.1	11.3	4.5	0.0
-32.5°	54.3	39.7	27.7	18.6	11.0	4.4	0.0
-35°	53.3	38.9	27.3	18.1	10.7	4.3	0.0
-37.5°	52.3	38.2	26.9	17.6	10.4	4.2	0.0
-40°	51.0	37.5	26.3	17.0	10.0	4.1	0.0
-42.5°	49.6	36.6	25.6	16.4	9.6	4.0	0.0
-45°	47.9	35.6	24.9	15.8	9.2	3.8	0.0
-47.5°	46.0	34.4	24.1	15.2	8.8	3.7	0.0
-50°	44.3	33.1	23.1	14.6	8.3	3.5	0.0
-52.5°	42.5	31.7	22.1	13.9	7.8	3.3	0.0
-55°	40.5	30.1	20.9	13.1	7.3	3.2	0.0
-57.5°	38.4	28.4	19.6	12.3	6.8	3.0	0.0
-60°	36.0	26.6	18.3	11.4	6.3	2.8	0.0
-62.5°	33.4	24.6	16.8	10.4	5.8	2.6	0.0
-65°	30.6	22.4	15.2	9.4	5.4	2.4	0.0
-67.5°	27.7	20.1	13.5	8.3	4.9	2.1	0.0
-70°	24.6	17.6	11.7	7.2	4.4	1.9	0.0
-72.5°	21.0	14.9	9.9	6.3	3.9	1.7	0.0
-75°	17.3	12.1	8.0	5.5	3.3	1.5	0.0
-77.5°	13.3	9.3	6.6	4.6	2.8	1.2	0.0
-80°	9.3	7.1	5.3	3.7	2.2	1.0	0.0
-82.5°	6.9	5.4	4.0	2.8	1.7	0.7	0.0
-85°	4.6	3.6	2.7	1.8	1.1	0.5	0.0
-87.5°	2.3	1.8	1.3	0.9	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)