

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: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

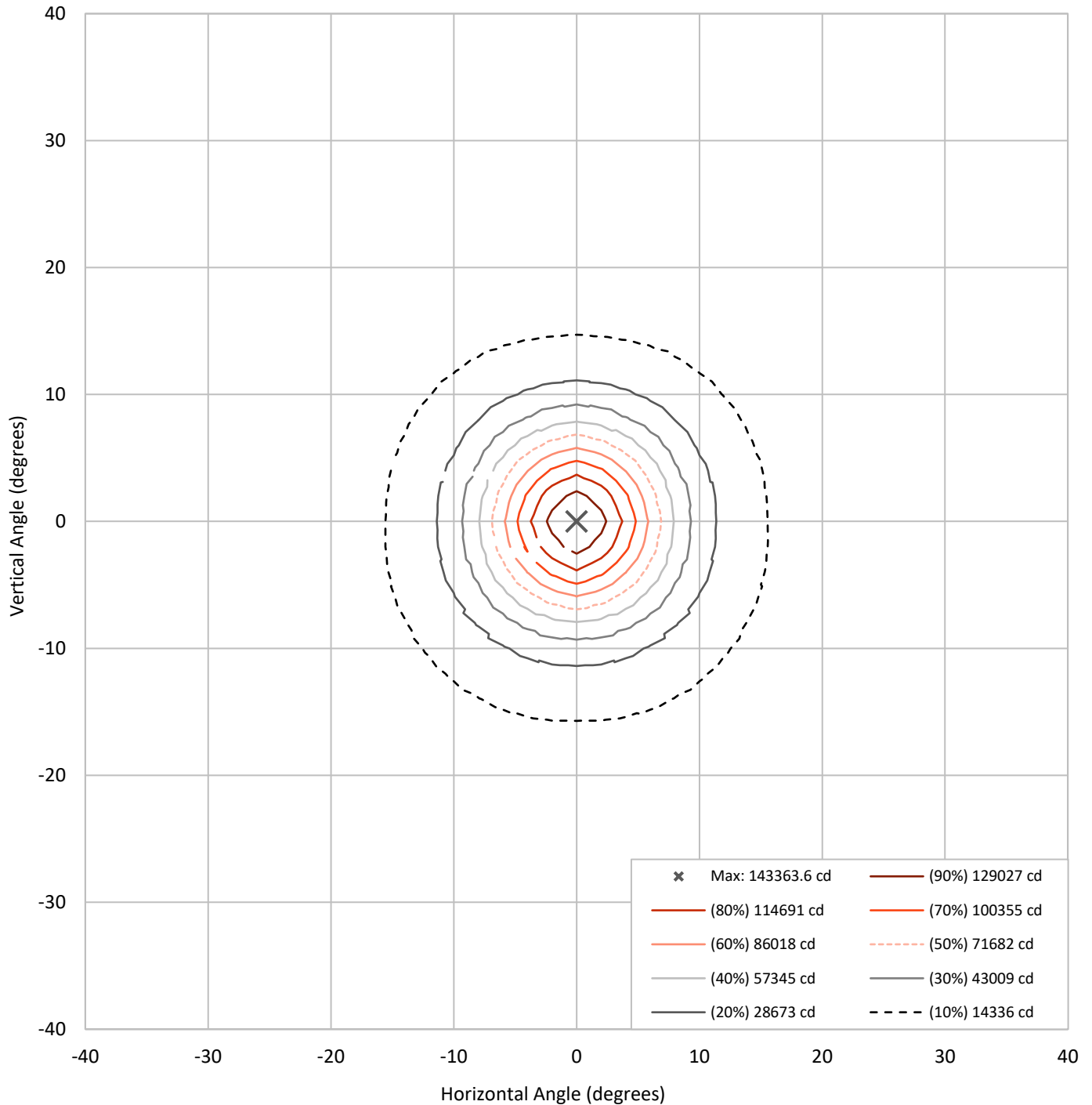
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14143.1 lumens	Max Intensity:	143363.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	4515.1 lumens	Field Lumens:	10056.6 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	108.7		
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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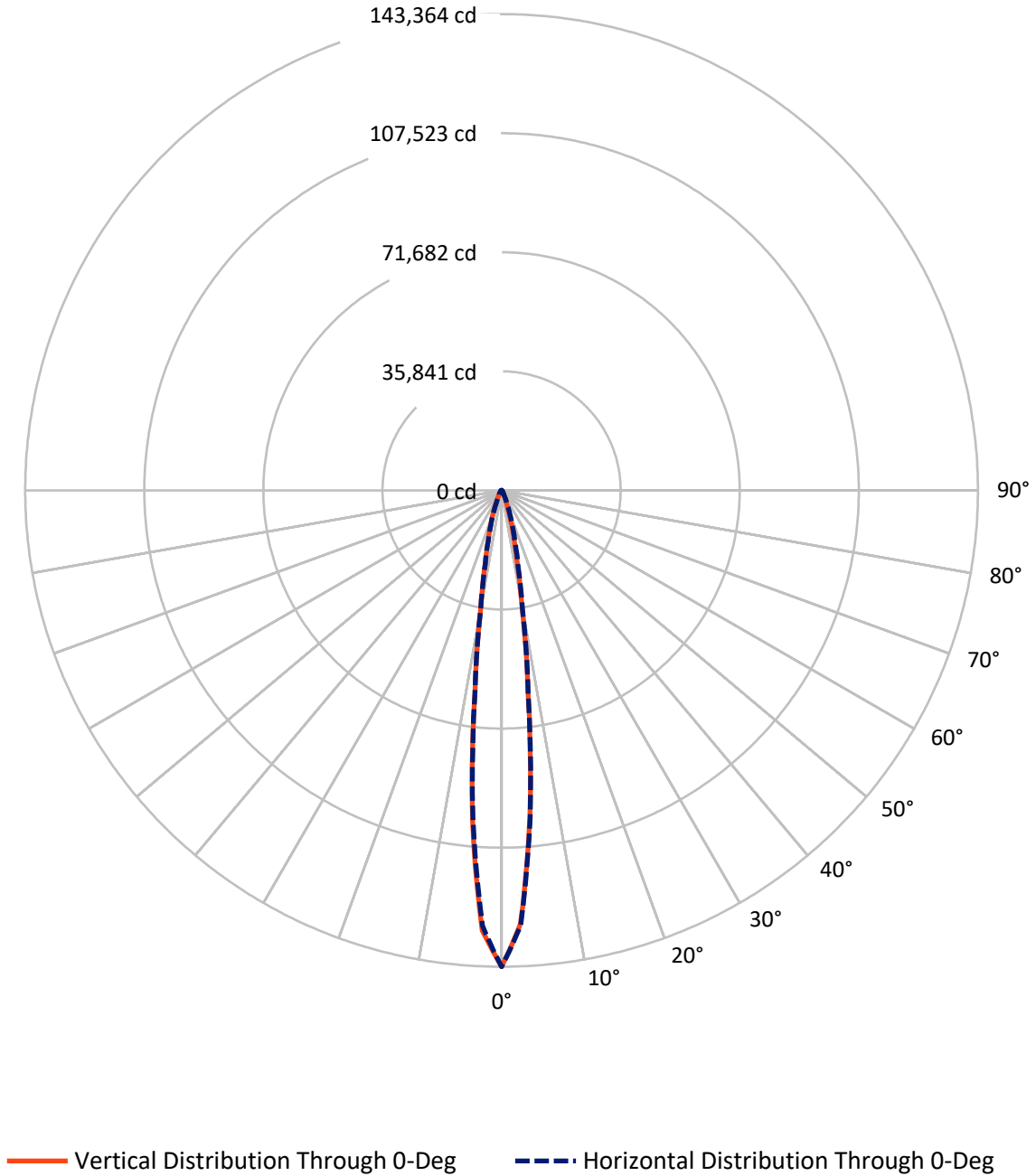
CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.3	0.8	1.3	1.7	2.0	2.0	1.7	1.3	0.8	0.3	0.1			
50	0.1	0.1	0.4	1.2	2.3	3.4	4.8	5.6	5.6	4.8	3.4	2.3	1.2	0.4	0.1	0.1	0.1
40		0.2	1.0	2.4	4.3	6.8	11.5	14.6	14.6	11.5	6.8	4.3	2.4	1.0	0.2		
30	0.1	0.4	1.6	3.6	6.6	14.4	38.4	63.6	63.6	38.4	14.4	6.6	3.6	1.6	0.4	0.1	0.1
20		0.6	2.2	5.0	10.9	43.0	181.3	398.5	398.5	181.3	43.0	10.9	5.0	2.2	0.6		
10	0.2	0.8	2.6	5.9	14.8	80.7	434.4	1948.3	1948.3	434.4	80.7	14.8	5.9	2.6	0.8	0.2	0.2
0		0.9	2.9	6.2	16.0	86.0	449.7	1981.4	1981.4	449.7	86.0	16.0	6.2	2.9	0.9		
-10	0.3	0.9	2.9	6.1	14.0	54.7	218.3	466.9	466.9	218.3	54.7	14.0	6.1	2.9	0.9	0.3	0.3
-20		0.9	2.8	5.6	10.8	25.6	67.3	112.1	112.1	67.3	25.6	10.8	5.6	2.8	0.9		
-30	0.2	0.8	2.5	5.0	8.5	14.0	22.9	29.1	29.1	22.9	14.0	8.5	5.0	2.5	0.8	0.2	0.2
-40		0.6	2.0	4.1	6.8	9.8	13.2	14.7	14.7	13.2	9.8	6.8	4.1	2.0	0.6		
-50	0.2	0.5	1.5	3.2	5.4	7.5	9.5	10.4	10.4	9.5	7.5	5.4	3.2	1.5	0.5	0.2	0.2
-60		0.3	1.0	2.1	3.6	5.3	6.6	7.3	7.3	6.6	5.3	3.6	2.1	1.0	0.3		
-70	0.1	0.3	1.0	2.1	3.6	5.3	6.6	7.3	7.3	6.6	5.3	3.6	2.1	1.0	0.3	0.1	0.1
-80		0.9	3.6	7.8	9.9	7.8	3.6	0.9	0.1								
-90	0.1	0.9	3.6	7.8	9.9	7.8	3.6	0.9	0.1								

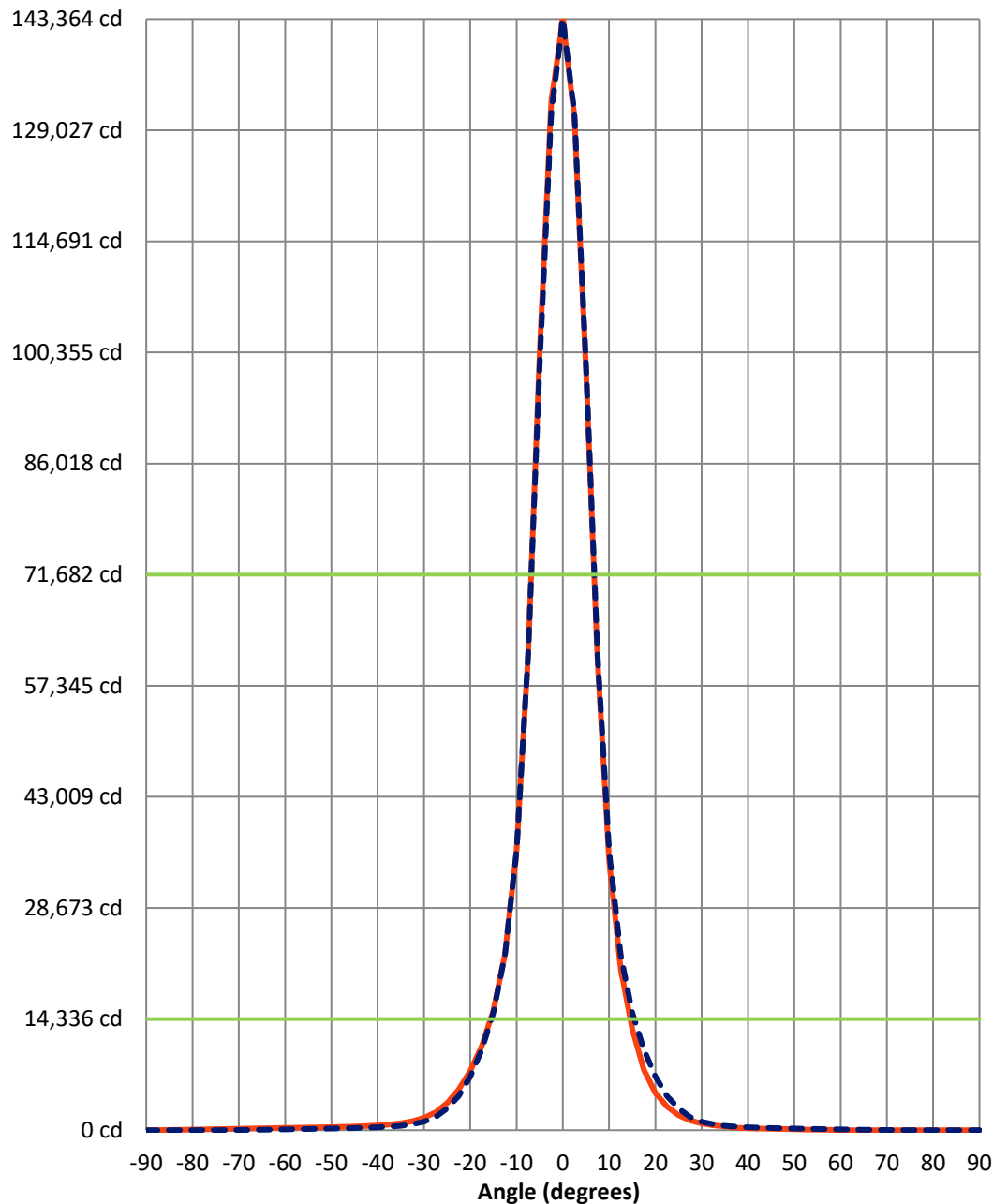
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4515.1
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 10056.6
 Efficiency: 71.1%

Spill:
 Lumens: 4086.4
 Efficiency: 28.9%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.3	0.5	0.2	0.2	0.6	0.7	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.7	0.3	0.9	1.3	1.1	0.4
67.5°	0.0	0.6	0.2	0.4	0.9	0.9	1.1	1.7	1.9	1.2	0.5
65°	0.0	0.7	0.2	0.7	1.2	1.3	1.7	2.5	2.0	1.3	0.9
62.5°	0.0	0.8	0.3	1.0	1.5	1.7	2.4	2.8	2.1	1.6	1.9
60°	0.0	0.9	0.4	1.3	1.9	2.1	2.9	2.9	2.3	2.2	2.7
57.5°	0.0	0.9	0.7	1.6	2.1	2.4	3.0	3.0	2.5	2.7	3.0
55°	0.0	1.0	0.9	1.9	2.3	2.8	3.0	3.0	2.8	3.0	3.0
52.5°	0.0	1.1	1.1	2.2	2.5	3.0	3.0	3.0	2.9	3.0	3.0
50°	0.0	1.2	1.4	2.6	2.6	3.0	3.0	3.0	3.0	3.0	3.5
47.5°	0.0	1.3	1.6	2.8	2.8	3.0	3.0	3.0	3.0	3.0	4.2
45°	0.0	1.4	1.8	2.9	2.9	3.0	3.0	3.0	3.1	3.8	5.0
42.5°	0.0	1.5	1.9	3.0	3.0	3.0	3.0	3.1	3.3	4.6	6.7
40°	0.0	1.6	2.1	3.0	3.0	3.0	3.0	3.4	3.8	5.6	8.6
37.5°	0.0	1.7	2.2	3.0	3.0	3.0	3.0	3.7	4.9	7.0	10.6
35°	0.0	1.8	2.4	3.0	3.0	3.0	3.0	4.0	6.0	8.9	13.0
32.5°	0.0	1.8	2.5	3.0	3.0	3.0	3.1	4.5	7.2	10.8	16.2
30°	0.0	1.9	2.6	3.0	3.0	3.0	3.4	5.1	8.4	12.6	19.6
27.5°	0.0	2.0	2.7	3.0	3.0	3.0	3.8	6.0	9.8	14.3	23.3
25°	0.0	2.1	2.8	3.0	3.0	3.0	4.1	7.0	11.2	16.8	27.2
22.5°	0.0	2.2	2.8	3.0	3.0	3.1	4.5	8.0	12.6	19.9	31.9
20°	0.0	2.3	2.9	3.0	3.0	3.3	4.9	8.9	13.9	23.0	36.1
17.5°	0.0	2.4	2.9	3.0	3.0	3.6	5.5	9.9	15.1	26.1	40.0
15°	0.0	2.5	2.9	3.0	3.0	3.9	6.1	10.8	16.2	29.2	43.6
12.5°	0.0	2.6	3.0	3.0	3.0	4.2	6.7	11.7	17.8	32.2	46.8
10°	0.0	2.7	3.0	3.0	3.0	4.6	7.2	12.6	19.7	34.9	49.6
7.5°	0.0	2.8	3.0	3.0	3.0	5.0	7.7	13.4	21.7	37.3	52.1
5°	0.0	2.9	3.0	3.0	3.0	5.4	8.2	14.1	23.7	39.4	54.2
2.5°	0.0	2.9	3.0	3.0	3.0	5.7	8.7	14.7	25.6	41.1	56.1
0°	0.0	3.0	3.0	3.0	3.0	6.1	9.1	15.2	27.3	42.5	57.7
-2.5°	0.0	3.0	3.0	3.0	3.3	6.4	9.9	16.1	28.9	43.6	59.7
-5°	0.0	3.0	3.0	3.0	3.5	6.7	10.6	16.9	30.2	44.5	61.3
-7.5°	0.0	3.0	3.0	3.0	3.8	7.0	11.3	17.7	31.3	45.2	62.5
-10°	0.0	3.0	3.0	3.0	4.0	7.2	11.9	18.3	32.1	45.7	63.2
-12.5°	0.0	2.9	3.0	3.0	4.2	7.4	12.4	18.9	32.6	46.1	64.4
-15°	0.0	2.9	3.0	3.0	4.4	7.5	12.8	19.3	32.7	47.0	65.5
-17.5°	0.0	2.9	3.0	3.0	4.5	7.7	13.1	19.8	32.4	47.5	66.0
-20°	0.0	2.8	3.0	3.0	4.6	7.8	13.2	20.2	32.0	47.5	65.9

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Scaled Data Report



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	3.0	3.0	4.7	7.9	13.4	20.4	31.2	46.9	65.1
-25°	0.0	2.7	3.0	3.0	4.6	8.1	13.5	20.6	30.3	45.8	63.7
-27.5°	0.0	2.7	3.0	3.0	4.6	8.3	13.5	20.5	29.1	44.3	62.3
-30°	0.0	2.6	3.0	3.0	4.5	8.4	13.4	20.3	28.4	42.7	60.2
-32.5°	0.0	2.5	3.0	3.0	4.4	8.5	13.2	20.0	28.1	40.8	57.4
-35°	0.0	2.5	3.0	3.0	4.4	8.5	13.2	19.7	27.5	38.6	53.7
-37.5°	0.0	2.4	3.0	3.0	4.3	8.4	13.1	19.4	26.7	36.2	51.6
-40°	0.0	2.3	3.0	3.0	4.1	8.2	13.0	18.9	25.7	34.6	49.7
-42.5°	0.0	2.2	3.0	3.0	4.1	7.9	12.7	18.4	24.9	33.9	47.4
-45°	0.0	2.1	3.0	3.1	4.2	7.6	12.3	17.8	24.2	32.9	44.8
-47.5°	0.0	2.0	3.0	3.2	4.2	7.2	11.9	17.2	23.3	31.5	43.1
-50°	0.0	1.9	3.0	3.2	4.3	6.7	11.2	16.5	22.4	30.3	40.8
-52.5°	0.0	1.8	3.0	3.2	4.3	6.2	10.5	15.6	21.3	28.6	38.2
-55°	0.0	1.7	3.0	3.3	4.3	6.0	9.7	14.6	20.1	26.4	35.4
-57.5°	0.0	1.6	3.0	3.3	4.2	5.9	8.8	13.4	18.6	24.5	32.1
-60°	0.0	1.5	3.0	3.2	4.1	5.7	7.9	12.1	17.1	22.6	28.7
-62.5°	0.0	1.4	2.8	3.2	4.0	5.4	7.5	10.7	15.3	20.4	26.2
-65°	0.0	1.3	2.5	3.1	3.9	5.2	7.0	9.4	13.4	18.1	23.4
-67.5°	0.0	1.1	2.3	3.1	3.7	4.8	6.5	8.6	11.3	15.6	20.4
-70°	0.0	1.0	2.0	3.0	3.5	4.5	5.9	7.8	10.2	13.0	17.2
-72.5°	0.0	0.9	1.8	2.7	3.3	4.1	5.3	6.9	8.9	11.3	14.1
-75°	0.0	0.8	1.6	2.3	3.0	3.6	4.6	6.0	7.5	9.5	11.9
-77.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.2	6.5	7.9	9.5
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	4.3	5.6	6.8	8.0
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.4	4.6	5.7	6.8
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.3	3.1	4.1	5.1
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.6	2.0	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.5	1.9	1.5	0.8	0.1	0.7	1.0	0.8	0.1	0.0	0.0
62.5°	2.8	2.4	1.7	1.2	1.7	2.3	1.8	1.0	0.3	1.5	2.1
60°	3.0	2.5	2.1	2.4	3.0	2.7	2.0	3.0	4.5	5.6	6.8
57.5°	3.0	2.8	2.7	3.2	3.4	3.4	5.3	7.1	10.1	12.5	14.2
55°	3.1	3.0	3.4	4.1	5.1	7.2	9.9	14.0	17.2	22.2	26.5
52.5°	3.4	3.4	4.6	6.2	9.2	12.5	17.2	23.0	29.4	34.3	39.5
50°	3.9	5.1	6.5	10.4	14.5	19.7	27.4	35.8	41.3	46.8	54.2
47.5°	5.4	6.9	10.7	15.2	21.1	29.5	40.2	46.2	51.6	60.2	69.4
45°	7.3	10.3	15.0	21.3	29.4	41.2	49.5	54.4	63.8	73.8	84.3
42.5°	9.3	14.3	20.6	27.3	40.0	51.2	58.8	66.6	76.0	87.7	99.1
40°	12.6	18.1	26.8	37.2	50.2	61.1	70.6	79.5	88.9	104.1	116.2
37.5°	16.0	24.0	33.8	46.8	60.3	72.1	82.7	94.0	107.3	124.5	135.4
35°	19.2	30.1	42.1	55.9	70.2	83.6	96.4	109.6	126.8	143.1	156.1
32.5°	23.8	36.3	49.8	64.7	79.4	94.7	110.2	126.0	142.9	159.6	176.6
30°	29.6	43.0	57.2	73.2	88.0	105.6	123.6	140.3	157.4	174.9	194.1
27.5°	35.4	49.2	64.6	80.7	96.2	116.3	135.8	153.2	170.6	189.5	211.5
25°	40.7	55.5	71.6	87.4	105.7	127.3	148.5	168.6	183.4	204.9	230.6
22.5°	45.9	61.6	78.9	93.5	114.8	138.3	163.0	184.6	202.1	221.4	250.5
20°	51.0	67.9	85.7	102.1	124.0	149.2	178.5	200.8	222.6	247.3	277.0
17.5°	55.9	73.8	92.5	111.9	135.0	161.1	194.4	217.2	243.1	272.7	310.2
15°	60.5	79.2	99.3	121.1	145.0	173.1	205.2	233.6	264.7	298.8	343.1
12.5°	64.8	84.2	106.0	129.6	153.8	183.4	214.2	244.4	280.2	324.9	380.6
10°	68.7	88.7	112.4	137.4	161.4	192.1	222.2	253.6	291.4	340.5	404.3
7.5°	72.0	93.3	118.6	144.4	168.0	199.2	229.1	261.2	300.7	353.3	420.2
5°	74.8	98.0	124.3	149.0	173.5	205.4	234.8	267.2	308.2	363.4	431.5
2.5°	77.1	102.4	129.3	152.3	178.2	211.0	239.4	273.9	315.7	371.2	442.2
0°	78.9	106.2	133.5	154.8	182.1	215.5	242.8	279.2	321.7	376.3	452.1
-2.5°	82.6	109.4	136.0	157.7	186.3	216.2	245.0	279.9	323.9	380.2	454.0
-5°	85.7	111.9	137.9	159.9	189.4	216.1	245.9	279.3	324.7	382.5	457.3
-7.5°	88.1	113.8	139.1	161.6	191.1	217.1	247.2	281.5	327.1	384.6	461.6
-10°	89.6	115.3	140.1	163.7	191.5	218.1	247.8	281.9	326.7	383.2	459.3
-12.5°	90.4	116.1	140.6	164.9	191.4	218.0	247.1	280.6	323.3	378.4	449.9
-15°	90.7	116.4	140.5	165.0	190.9	216.7	245.1	277.5	317.3	370.3	435.1
-17.5°	90.4	116.3	140.0	164.0	190.3	214.2	242.1	273.2	311.2	360.7	423.2
-20°	89.6	115.6	138.9	161.8	189.2	211.9	239.1	269.1	304.8	349.7	405.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	88.3	114.6	137.4	159.6	185.9	209.8	235.1	263.7	295.8	336.4	386.0
-25°	86.9	112.4	135.5	157.9	182.0	206.5	230.2	257.3	286.8	325.8	370.4
-27.5°	84.9	109.8	132.8	155.5	178.0	202.1	225.2	250.9	280.0	314.4	354.3
-30°	82.1	106.1	129.2	152.3	174.4	197.1	219.4	243.9	271.3	303.8	340.6
-32.5°	78.6	102.0	124.5	147.4	170.4	192.0	213.1	236.6	262.4	290.8	325.9
-35°	75.0	97.5	119.5	141.3	165.6	186.4	206.7	228.2	252.3	278.7	307.2
-37.5°	71.6	92.7	114.2	134.8	157.7	179.4	199.2	219.7	241.9	266.1	292.0
-40°	68.0	87.6	108.6	128.7	148.8	170.9	190.6	210.4	230.9	255.3	278.3
-42.5°	64.2	83.3	102.7	122.4	141.6	161.4	181.0	200.0	221.7	244.7	267.3
-45°	61.1	78.8	96.8	115.9	134.9	152.8	171.2	188.9	210.9	233.9	256.1
-47.5°	57.4	74.2	91.6	109.0	127.6	145.5	162.0	179.9	198.6	220.4	243.6
-50°	53.6	69.5	85.6	101.9	119.6	137.5	154.3	170.8	188.4	206.3	226.4
-52.5°	50.3	64.2	79.2	94.1	110.8	128.4	145.3	161.9	178.1	194.9	212.0
-55°	46.5	59.3	72.4	86.4	101.1	117.8	134.7	150.8	167.4	183.1	199.8
-57.5°	42.3	53.7	65.7	78.8	92.1	105.9	122.2	138.3	153.8	169.7	187.0
-60°	37.4	47.7	58.6	70.6	83.6	96.2	109.5	124.4	139.4	154.4	170.3
-62.5°	32.5	41.3	51.1	61.7	73.6	86.0	98.1	110.8	124.3	137.4	151.2
-65°	29.1	35.4	43.6	53.0	62.8	73.8	85.3	97.0	108.9	120.0	130.7
-67.5°	25.6	31.2	37.3	44.2	53.1	62.4	71.6	82.1	92.7	103.0	112.9
-70°	21.8	26.8	32.2	38.0	44.3	51.9	60.5	68.9	77.1	85.7	94.9
-72.5°	17.9	22.2	26.9	31.9	37.3	43.3	49.9	57.1	64.4	71.5	78.7
-75°	14.7	17.5	21.4	25.6	30.2	35.0	39.8	45.4	51.6	57.8	63.9
-77.5°	12.1	14.7	17.3	19.9	23.2	27.6	31.8	36.0	40.3	45.0	50.0
-80°	9.8	11.9	14.3	16.7	18.9	21.5	24.5	27.8	30.8	33.9	37.4
-82.5°	8.2	9.8	11.5	13.4	14.7	16.1	17.6	19.5	21.6	23.6	25.8
-85°	6.3	7.6	8.7	10.0	10.6	11.3	12.0	12.8	14.1	15.4	16.7
-87.5°	3.2	3.8	4.5	5.2	5.5	5.8	6.1	6.4	7.3	8.1	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	1.8	1.5	2.4	3.1	3.4	3.3	3.1	2.7	2.3	2.2	2.5
60°	7.3	7.2	10.0	11.3	10.3	7.3	11.4	13.5	13.0	11.1	11.1
57.5°	17.8	21.7	24.4	25.6	29.6	36.1	37.4	35.2	34.5	35.2	40.6
55°	30.9	34.0	35.6	41.0	45.9	49.5	51.6	53.7	56.8	60.6	64.5
52.5°	43.7	47.9	51.1	56.1	61.9	64.0	63.4	70.9	76.8	80.5	82.1
50°	59.9	65.2	72.8	80.5	83.9	87.1	90.6	96.8	105.7	116.9	123.3
47.5°	77.5	85.8	93.8	102.6	107.0	110.5	115.7	126.4	139.2	151.2	157.5
45°	93.3	100.7	109.8	117.4	122.9	129.6	137.1	146.8	161.1	173.7	182.4
42.5°	106.0	114.4	123.7	132.9	138.5	147.6	158.9	172.1	187.1	200.2	209.8
40°	123.9	131.0	145.8	154.5	156.7	165.1	187.9	205.9	222.9	238.9	247.0
37.5°	145.4	159.2	174.6	182.5	190.3	205.2	235.6	264.8	286.4	308.2	320.1
35°	169.8	188.0	208.9	218.3	235.1	267.6	303.3	343.8	394.3	415.4	434.7
32.5°	193.5	213.8	233.2	254.3	283.6	322.4	362.7	428.4	489.8	537.3	572.0
30°	214.6	236.1	260.2	287.3	328.6	382.1	449.3	534.3	620.9	696.4	760.2
27.5°	235.4	259.9	288.5	329.0	387.1	459.8	567.0	688.3	832.7	939.2	1066.2
25°	258.2	286.3	323.0	381.6	460.1	568.7	740.1	937.1	1173.9	1365.9	1566.9
22.5°	285.2	326.7	373.2	438.5	575.6	754.7	988.8	1325.5	1689.8	2026.6	2350.9
20°	317.8	374.5	449.2	569.5	745.5	1010.2	1417.0	1954.4	2490.1	3060.6	3609.8
17.5°	364.4	446.1	562.1	733.4	965.3	1488.9	2148.9	2980.0	4047.9	5015.5	5860.4
15°	408.1	505.6	688.9	945.0	1349.5	2043.4	3045.9	4417.7	6081.8	7598.5	9200.3
12.5°	454.0	569.1	779.6	1105.7	1667.7	2571.0	3979.9	5859.6	7943.3	10229.0	12832.6
10°	490.3	630.2	882.1	1295.5	1988.3	3113.2	4791.4	7071.0	9840.1	13222.8	17384.8
7.5°	514.8	679.1	966.8	1434.5	2283.4	3667.8	5688.0	8428.0	11889.7	16371.2	22194.9
5°	534.0	716.4	1030.4	1561.2	2533.1	4091.1	6352.2	9616.2	13711.3	19715.6	29585.2
2.5°	549.4	744.9	1069.8	1648.5	2689.9	4385.8	6797.9	10288.4	14795.6	22188.3	34992.8
0°	561.4	770.8	1095.5	1702.4	2810.0	4415.2	6936.9	10411.5	15184.8	22634.6	36156.5
-2.5°	566.5	784.6	1104.3	1714.1	2798.0	4465.9	6979.4	10509.7	15170.1	22390.1	34856.7
-5°	575.0	784.4	1097.6	1702.1	2735.3	4335.1	6702.2	9959.8	14255.0	20464.4	30678.1
-7.5°	581.1	771.8	1065.8	1625.0	2571.1	4052.2	6215.2	9048.8	12589.3	17303.9	23629.7
-10°	575.5	747.8	1012.9	1495.6	2315.7	3598.5	5474.6	7846.0	10788.5	14282.5	18580.3
-12.5°	553.9	703.5	926.4	1314.4	1985.1	3090.2	4729.4	6748.5	8926.4	11380.2	14350.1
-15°	526.5	655.8	848.6	1190.1	1740.0	2586.5	3783.2	5421.2	7168.3	9031.3	11018.1
-17.5°	505.2	613.8	773.5	1020.7	1425.2	2098.3	3038.7	4202.3	5486.2	6904.6	8081.9
-20°	476.3	562.1	696.1	898.1	1206.7	1652.6	2337.5	3182.9	4030.1	5027.4	5840.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	447.4	522.2	624.2	771.9	1001.5	1338.4	1761.6	2326.1	2945.6	3518.0	4081.5
-25°	420.6	478.1	560.7	681.9	837.6	1067.6	1368.7	1692.6	2101.0	2449.4	2836.1
-27.5°	398.8	448.3	509.1	598.1	718.9	866.8	1082.5	1299.4	1514.2	1690.1	1956.3
-30°	377.8	417.7	468.6	531.9	622.6	736.6	876.5	1017.3	1141.2	1254.3	1392.9
-32.5°	357.3	389.7	428.7	481.3	546.3	632.0	718.1	818.9	905.1	984.6	1058.1
-35°	336.6	365.5	395.2	439.6	491.4	552.3	614.8	683.2	742.8	796.3	843.7
-37.5°	318.0	343.3	371.3	404.3	446.1	491.9	543.0	592.6	632.0	666.8	695.5
-40°	302.2	325.3	349.2	375.7	407.5	443.6	487.0	528.4	556.0	577.2	594.6
-42.5°	288.2	308.5	328.9	351.3	375.8	407.1	441.3	475.4	494.1	510.6	523.2
-45°	276.9	292.5	309.6	328.8	350.4	376.6	403.6	427.2	443.8	457.9	468.4
-47.5°	262.0	277.0	291.9	307.7	327.8	349.7	371.9	390.1	404.6	417.0	425.0
-50°	245.6	261.3	275.0	288.9	307.4	326.0	343.9	358.9	372.7	384.8	391.1
-52.5°	228.6	245.5	259.8	273.3	288.9	305.1	321.3	334.1	346.2	357.6	362.4
-55°	216.3	231.9	246.7	259.4	272.3	285.2	298.4	311.7	323.8	334.5	337.8
-57.5°	203.1	219.0	233.6	245.1	256.7	268.3	280.4	292.4	304.0	314.4	317.0
-60°	187.0	204.2	217.2	228.0	239.3	250.8	261.3	272.0	282.8	291.8	294.7
-62.5°	166.5	182.2	195.0	206.4	217.3	227.3	237.5	247.5	257.2	264.3	266.7
-65°	141.9	155.2	168.4	180.4	191.1	200.8	210.2	219.4	228.2	234.5	237.6
-67.5°	122.5	132.1	142.7	153.0	163.8	173.7	182.2	190.3	197.8	203.1	206.5
-70°	103.8	113.0	122.9	132.7	142.1	150.1	156.9	163.5	170.0	174.7	178.2
-72.5°	86.0	93.7	102.0	110.6	119.2	126.5	132.7	138.6	144.2	148.2	151.5
-75°	69.8	76.2	83.2	90.1	97.1	102.9	108.1	113.2	118.1	121.7	124.7
-77.5°	55.4	60.8	66.2	71.7	77.2	81.4	85.2	89.0	92.6	95.4	98.0
-80°	41.0	45.3	49.6	54.0	58.4	61.6	64.5	67.2	69.7	71.4	72.9
-82.5°	28.0	31.0	34.0	37.1	40.2	42.6	44.9	47.1	49.3	50.1	50.7
-85°	17.9	19.3	20.9	22.6	24.4	25.7	26.9	28.1	29.3	30.3	31.3
-87.5°	9.9	10.2	10.5	10.7	11.0	11.9	12.8	13.8	14.7	14.8	15.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.3	2.7
60°	10.4	9.2	9.0	9.1	9.0	9.2	10.4	11.1	11.1	13.0	13.5
57.5°	46.1	51.3	52.8	51.6	52.8	51.3	46.1	40.6	35.2	34.5	35.2
55°	67.2	68.8	69.6	69.8	69.6	68.8	67.2	64.5	60.6	56.8	53.7
52.5°	82.4	81.8	81.7	81.9	81.7	81.8	82.4	82.1	80.5	76.8	70.9
50°	123.8	121.6	120.7	121.4	120.7	121.6	123.8	123.3	116.9	105.7	96.8
47.5°	158.3	158.9	160.0	160.8	160.0	158.9	158.3	157.5	151.2	139.2	126.4
45°	184.8	186.4	187.5	188.1	187.5	186.4	184.8	182.4	173.7	161.1	146.8
42.5°	211.9	212.1	211.8	212.4	211.8	212.1	211.9	209.8	200.2	187.1	172.1
40°	250.2	251.0	250.2	248.8	250.2	251.0	250.2	247.0	238.9	222.9	205.9
37.5°	327.0	328.1	324.5	321.7	324.5	328.1	327.0	320.1	308.2	286.4	264.8
35°	452.2	465.2	471.4	473.4	471.4	465.2	452.2	434.7	415.4	394.3	343.8
32.5°	596.0	614.1	623.1	631.2	623.1	614.1	596.0	572.0	537.3	489.8	428.4
30°	802.1	835.4	850.1	870.9	850.1	835.4	802.1	760.2	696.4	620.9	534.3
27.5°	1138.3	1196.9	1229.3	1259.3	1229.3	1196.9	1138.3	1066.2	939.2	832.7	688.3
25°	1712.9	1825.6	1898.5	1933.0	1898.5	1825.6	1712.9	1566.9	1365.9	1173.9	937.1
22.5°	2664.7	2872.5	3032.8	3064.9	3032.8	2872.5	2664.7	2350.9	2026.6	1689.8	1325.5
20°	4142.7	4440.0	4681.9	4803.7	4681.9	4440.0	4142.7	3609.8	3060.6	2490.1	1954.4
17.5°	6866.7	7485.1	7767.6	7813.9	7767.6	7485.1	6866.7	5860.4	5015.5	4047.9	2980.0
15°	10919.1	11965.6	12629.9	13057.6	12629.9	11965.6	10919.1	9200.3	7598.5	6081.8	4417.7
12.5°	15542.8	18516.3	20208.3	20853.3	20208.3	18516.3	15542.8	12832.6	10229.0	7943.3	5859.6
10°	21818.2	28818.3	32856.1	34888.1	32856.1	28818.3	21818.2	17384.8	13222.8	9840.1	7071.0
7.5°	32469.2	43280.8	55259.5	60801.5	55259.5	43280.8	32469.2	22194.9	16371.2	11889.7	8428.0
5°	43665.8	67403.7	88238.6	98215.8	88238.6	67403.7	43665.8	29585.2	19715.6	13711.3	9616.2
2.5°	56534.6	88547.4	118145.8	130591.3	118145.8	88547.4	56534.6	34992.8	22188.3	14795.6	10288.4
0°	61487.3	98777.2	131148.0	143363.6	131148.0	98777.2	61487.3	36156.5	22634.6	15184.8	10411.5
-2.5°	57300.2	90098.3	118654.3	132612.2	118654.3	90098.3	57300.2	34856.7	22390.1	15170.1	10509.7
-5°	45528.0	67775.2	88923.7	100297.5	88923.7	67775.2	45528.0	30678.1	20464.4	14255.0	9959.8
-7.5°	33414.7	45525.9	57270.9	61378.1	57270.9	45525.9	33414.7	23629.7	17303.9	12589.3	9048.8
-10°	23264.0	30199.2	34777.3	36083.7	34777.3	30199.2	23264.0	18580.3	14282.5	10788.5	7846.0
-12.5°	17247.9	20281.4	22392.0	22759.0	22392.0	20281.4	17247.9	14350.1	11380.2	8926.4	6748.5
-15°	12771.6	14314.3	15402.9	15476.1	15402.9	14314.3	12771.6	11018.1	9031.3	7168.3	5421.2
-17.5°	9336.2	10371.6	10921.0	10881.8	10921.0	10371.6	9336.2	8081.9	6904.6	5486.2	4202.3
-20°	6675.9	7300.1	7742.7	7656.1	7742.7	7300.1	6675.9	5840.7	5027.4	4030.1	3182.9



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4654.9	5069.2	5328.6	5261.9	5328.6	5069.2	4654.9	4081.5	3518.0	2945.6	2326.1
-25°	3162.9	3388.7	3517.1	3495.8	3517.1	3388.7	3162.9	2836.1	2449.4	2101.0	1692.6
-27.5°	2155.4	2274.6	2314.4	2312.3	2314.4	2274.6	2155.4	1956.3	1690.1	1514.2	1299.4
-30°	1496.0	1576.1	1621.9	1593.1	1621.9	1576.1	1496.0	1392.9	1254.3	1141.2	1017.3
-32.5°	1115.0	1160.2	1186.3	1159.2	1186.3	1160.2	1115.0	1058.1	984.6	905.1	818.9
-35°	878.7	901.6	910.8	895.2	910.8	901.6	878.7	843.7	796.3	742.8	683.2
-37.5°	716.4	729.8	734.3	725.3	734.3	729.8	716.4	695.5	666.8	632.0	592.6
-40°	607.0	615.3	617.3	609.9	617.3	615.3	607.0	594.6	577.2	556.0	528.4
-42.5°	531.1	536.0	537.2	534.1	537.2	536.0	531.1	523.2	510.6	494.1	475.4
-45°	474.7	478.9	479.7	476.4	479.7	478.9	474.7	468.4	457.9	443.8	427.2
-47.5°	429.0	431.5	432.2	430.9	432.2	431.5	429.0	425.0	417.0	404.6	390.1
-50°	394.0	395.8	395.9	394.5	395.9	395.8	394.0	391.1	384.8	372.7	358.9
-52.5°	364.7	365.9	366.8	367.2	366.8	365.9	364.7	362.4	357.6	346.2	334.1
-55°	340.0	341.6	342.6	342.9	342.6	341.6	340.0	337.8	334.5	323.8	311.7
-57.5°	319.0	320.5	321.4	321.7	321.4	320.5	319.0	317.0	314.4	304.0	292.4
-60°	297.1	298.9	300.0	300.4	300.0	298.9	297.1	294.7	291.8	282.8	272.0
-62.5°	268.2	269.0	269.8	270.1	269.8	269.0	268.2	266.7	264.3	257.2	247.5
-65°	239.9	241.6	242.5	242.8	242.5	241.6	239.9	237.6	234.5	228.2	219.4
-67.5°	209.2	211.3	213.6	215.5	213.6	211.3	209.2	206.5	203.1	197.8	190.3
-70°	181.3	184.0	184.9	185.1	184.9	184.0	181.3	178.2	174.7	170.0	163.5
-72.5°	154.4	156.9	159.0	160.8	159.0	156.9	154.4	151.5	148.2	144.2	138.6
-75°	127.4	129.8	130.3	130.5	130.3	129.8	127.4	124.7	121.7	118.1	113.2
-77.5°	100.4	102.6	103.1	103.2	103.1	102.6	100.4	98.0	95.4	92.6	89.0
-80°	74.3	75.5	77.3	78.9	77.3	75.5	74.3	72.9	71.4	69.7	67.2
-82.5°	51.1	51.4	51.5	51.6	51.5	51.4	51.1	50.7	50.1	49.3	47.1
-85°	32.3	33.3	33.4	33.4	33.4	33.3	32.3	31.3	30.3	29.3	28.1
-87.5°	15.1	15.1	15.2	15.2	15.2	15.1	15.1	15.0	14.8	14.7	13.8
-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: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.7	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	3.1	3.3	3.4	3.1	2.4	1.5	1.8	2.1	1.5	0.3	1.0
60°	11.4	7.3	10.3	11.3	10.0	7.2	7.3	6.8	5.6	4.5	3.0
57.5°	37.4	36.1	29.6	25.6	24.4	21.7	17.8	14.2	12.5	10.1	7.1
55°	51.6	49.5	45.9	41.0	35.6	34.0	30.9	26.5	22.2	17.2	14.0
52.5°	63.4	64.0	61.9	56.1	51.1	47.9	43.7	39.5	34.3	29.4	23.0
50°	90.6	87.1	83.9	80.5	72.8	65.2	59.9	54.2	46.8	41.3	35.8
47.5°	115.7	110.5	107.0	102.6	93.8	85.8	77.5	69.4	60.2	51.6	46.2
45°	137.1	129.6	122.9	117.4	109.8	100.7	93.3	84.3	73.8	63.8	54.4
42.5°	158.9	147.6	138.5	132.9	123.7	114.4	106.0	99.1	87.7	76.0	66.6
40°	187.9	165.1	156.7	154.5	145.8	131.0	123.9	116.2	104.1	88.9	79.5
37.5°	235.6	205.2	190.3	182.5	174.6	159.2	145.4	135.4	124.5	107.3	94.0
35°	303.3	267.6	235.1	218.3	208.9	188.0	169.8	156.1	143.1	126.8	109.6
32.5°	362.7	322.4	283.6	254.3	233.2	213.8	193.5	176.6	159.6	142.9	126.0
30°	449.3	382.1	328.6	287.3	260.2	236.1	214.6	194.1	174.9	157.4	140.3
27.5°	567.0	459.8	387.1	329.0	288.5	259.9	235.4	211.5	189.5	170.6	153.2
25°	740.1	568.7	460.1	381.6	323.0	286.3	258.2	230.6	204.9	183.4	168.6
22.5°	988.8	754.7	575.6	438.5	373.2	326.7	285.2	250.5	221.4	202.1	184.6
20°	1417.0	1010.2	745.5	569.5	449.2	374.5	317.8	277.0	247.3	222.6	200.8
17.5°	2148.9	1488.9	965.3	733.4	562.1	446.1	364.4	310.2	272.7	243.1	217.2
15°	3045.9	2043.4	1349.5	945.0	688.9	505.6	408.1	343.1	298.8	264.7	233.6
12.5°	3979.9	2571.0	1667.7	1105.7	779.6	569.1	454.0	380.6	324.9	280.2	244.4
10°	4791.4	3113.2	1988.3	1295.5	882.1	630.2	490.3	404.3	340.5	291.4	253.6
7.5°	5688.0	3667.8	2283.4	1434.5	966.8	679.1	514.8	420.2	353.3	300.7	261.2
5°	6352.2	4091.1	2533.1	1561.2	1030.4	716.4	534.0	431.5	363.4	308.2	267.2
2.5°	6797.9	4385.8	2689.9	1648.5	1069.8	744.9	549.4	442.2	371.2	315.7	273.9
0°	6936.9	4415.2	2810.0	1702.4	1095.5	770.8	561.4	452.1	376.3	321.7	279.2
-2.5°	6979.4	4465.9	2798.0	1714.1	1104.3	784.6	566.5	454.0	380.2	323.9	279.9
-5°	6702.2	4335.1	2735.3	1702.1	1097.6	784.4	575.0	457.3	382.5	324.7	279.3
-7.5°	6215.2	4052.2	2571.1	1625.0	1065.8	771.8	581.1	461.6	384.6	327.1	281.5
-10°	5474.6	3598.5	2315.7	1495.6	1012.9	747.8	575.5	459.3	383.2	326.7	281.9
-12.5°	4729.4	3090.2	1985.1	1314.4	926.4	703.5	553.9	449.9	378.4	323.3	280.6
-15°	3783.2	2586.5	1740.0	1190.1	848.6	655.8	526.5	435.1	370.3	317.3	277.5
-17.5°	3038.7	2098.3	1425.2	1020.7	773.5	613.8	505.2	423.2	360.7	311.2	273.2
-20°	2337.5	1652.6	1206.7	898.1	696.1	562.1	476.3	405.6	349.7	304.8	269.1



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1761.6	1338.4	1001.5	771.9	624.2	522.2	447.4	386.0	336.4	295.8	263.7
-25°	1368.7	1067.6	837.6	681.9	560.7	478.1	420.6	370.4	325.8	286.8	257.3
-27.5°	1082.5	866.8	718.9	598.1	509.1	448.3	398.8	354.3	314.4	280.0	250.9
-30°	876.5	736.6	622.6	531.9	468.6	417.7	377.8	340.6	303.8	271.3	243.9
-32.5°	718.1	632.0	546.3	481.3	428.7	389.7	357.3	325.9	290.8	262.4	236.6
-35°	614.8	552.3	491.4	439.6	395.2	365.5	336.6	307.2	278.7	252.3	228.2
-37.5°	543.0	491.9	446.1	404.3	371.3	343.3	318.0	292.0	266.1	241.9	219.7
-40°	487.0	443.6	407.5	375.7	349.2	325.3	302.2	278.3	255.3	230.9	210.4
-42.5°	441.3	407.1	375.8	351.3	328.9	308.5	288.2	267.3	244.7	221.7	200.0
-45°	403.6	376.6	350.4	328.8	309.6	292.5	276.9	256.1	233.9	210.9	188.9
-47.5°	371.9	349.7	327.8	307.7	291.9	277.0	262.0	243.6	220.4	198.6	179.9
-50°	343.9	326.0	307.4	288.9	275.0	261.3	245.6	226.4	206.3	188.4	170.8
-52.5°	321.3	305.1	288.9	273.3	259.8	245.5	228.6	212.0	194.9	178.1	161.9
-55°	298.4	285.2	272.3	259.4	246.7	231.9	216.3	199.8	183.1	167.4	150.8
-57.5°	280.4	268.3	256.7	245.1	233.6	219.0	203.1	187.0	169.7	153.8	138.3
-60°	261.3	250.8	239.3	228.0	217.2	204.2	187.0	170.3	154.4	139.4	124.4
-62.5°	237.5	227.3	217.3	206.4	195.0	182.2	166.5	151.2	137.4	124.3	110.8
-65°	210.2	200.8	191.1	180.4	168.4	155.2	141.9	130.7	120.0	108.9	97.0
-67.5°	182.2	173.7	163.8	153.0	142.7	132.1	122.5	112.9	103.0	92.7	82.1
-70°	156.9	150.1	142.1	132.7	122.9	113.0	103.8	94.9	85.7	77.1	68.9
-72.5°	132.7	126.5	119.2	110.6	102.0	93.7	86.0	78.7	71.5	64.4	57.1
-75°	108.1	102.9	97.1	90.1	83.2	76.2	69.8	63.9	57.8	51.6	45.4
-77.5°	85.2	81.4	77.2	71.7	66.2	60.8	55.4	50.0	45.0	40.3	36.0
-80°	64.5	61.6	58.4	54.0	49.6	45.3	41.0	37.4	33.9	30.8	27.8
-82.5°	44.9	42.6	40.2	37.1	34.0	31.0	28.0	25.8	23.6	21.6	19.5
-85°	26.9	25.7	24.4	22.6	20.9	19.3	17.9	16.7	15.4	14.1	12.8
-87.5°	12.8	11.9	11.0	10.7	10.5	10.2	9.9	9.0	8.1	7.3	6.4
-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: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.6	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.1	1.3	0.9
67.5°	0.0	0.0	0.0	0.6	1.0	0.9	0.2	0.5	1.2	1.9	1.7
65°	1.0	0.7	0.1	0.8	1.5	1.9	1.5	0.9	1.3	2.0	2.5
62.5°	1.8	2.3	1.7	1.2	1.7	2.4	2.8	1.9	1.6	2.1	2.8
60°	2.0	2.7	3.0	2.4	2.1	2.5	3.0	2.7	2.2	2.3	2.9
57.5°	5.3	3.4	3.4	3.2	2.7	2.8	3.0	3.0	2.7	2.5	3.0
55°	9.9	7.2	5.1	4.1	3.4	3.0	3.1	3.0	3.0	2.8	3.0
52.5°	17.2	12.5	9.2	6.2	4.6	3.4	3.4	3.0	3.0	2.9	3.0
50°	27.4	19.7	14.5	10.4	6.5	5.1	3.9	3.5	3.0	3.0	3.0
47.5°	40.2	29.5	21.1	15.2	10.7	6.9	5.4	4.2	3.0	3.0	3.0
45°	49.5	41.2	29.4	21.3	15.0	10.3	7.3	5.0	3.8	3.1	3.0
42.5°	58.8	51.2	40.0	27.3	20.6	14.3	9.3	6.7	4.6	3.3	3.1
40°	70.6	61.1	50.2	37.2	26.8	18.1	12.6	8.6	5.6	3.8	3.4
37.5°	82.7	72.1	60.3	46.8	33.8	24.0	16.0	10.6	7.0	4.9	3.7
35°	96.4	83.6	70.2	55.9	42.1	30.1	19.2	13.0	8.9	6.0	4.0
32.5°	110.2	94.7	79.4	64.7	49.8	36.3	23.8	16.2	10.8	7.2	4.5
30°	123.6	105.6	88.0	73.2	57.2	43.0	29.6	19.6	12.6	8.4	5.1
27.5°	135.8	116.3	96.2	80.7	64.6	49.2	35.4	23.3	14.3	9.8	6.0
25°	148.5	127.3	105.7	87.4	71.6	55.5	40.7	27.2	16.8	11.2	7.0
22.5°	163.0	138.3	114.8	93.5	78.9	61.6	45.9	31.9	19.9	12.6	8.0
20°	178.5	149.2	124.0	102.1	85.7	67.9	51.0	36.1	23.0	13.9	8.9
17.5°	194.4	161.1	135.0	111.9	92.5	73.8	55.9	40.0	26.1	15.1	9.9
15°	205.2	173.1	145.0	121.1	99.3	79.2	60.5	43.6	29.2	16.2	10.8
12.5°	214.2	183.4	153.8	129.6	106.0	84.2	64.8	46.8	32.2	17.8	11.7
10°	222.2	192.1	161.4	137.4	112.4	88.7	68.7	49.6	34.9	19.7	12.6
7.5°	229.1	199.2	168.0	144.4	118.6	93.3	72.0	52.1	37.3	21.7	13.4
5°	234.8	205.4	173.5	149.0	124.3	98.0	74.8	54.2	39.4	23.7	14.1
2.5°	239.4	211.0	178.2	152.3	129.3	102.4	77.1	56.1	41.1	25.6	14.7
0°	242.8	215.5	182.1	154.8	133.5	106.2	78.9	57.7	42.5	27.3	15.2
-2.5°	245.0	216.2	186.3	157.7	136.0	109.4	82.6	59.7	43.6	28.9	16.1
-5°	245.9	216.1	189.4	159.9	137.9	111.9	85.7	61.3	44.5	30.2	16.9
-7.5°	247.2	217.1	191.1	161.6	139.1	113.8	88.1	62.5	45.2	31.3	17.7
-10°	247.8	218.1	191.5	163.7	140.1	115.3	89.6	63.2	45.7	32.1	18.3
-12.5°	247.1	218.0	191.4	164.9	140.6	116.1	90.4	64.4	46.1	32.6	18.9
-15°	245.1	216.7	190.9	165.0	140.5	116.4	90.7	65.5	47.0	32.7	19.3
-17.5°	242.1	214.2	190.3	164.0	140.0	116.3	90.4	66.0	47.5	32.4	19.8
-20°	239.1	211.9	189.2	161.8	138.9	115.6	89.6	65.9	47.5	32.0	20.2

Classified

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Scaled Data Report



REPORT NUMBER: P626988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	235.1	209.8	185.9	159.6	137.4	114.6	88.3	65.1	46.9	31.2	20.4
-25°	230.2	206.5	182.0	157.9	135.5	112.4	86.9	63.7	45.8	30.3	20.6
-27.5°	225.2	202.1	178.0	155.5	132.8	109.8	84.9	62.3	44.3	29.1	20.5
-30°	219.4	197.1	174.4	152.3	129.2	106.1	82.1	60.2	42.7	28.4	20.3
-32.5°	213.1	192.0	170.4	147.4	124.5	102.0	78.6	57.4	40.8	28.1	20.0
-35°	206.7	186.4	165.6	141.3	119.5	97.5	75.0	53.7	38.6	27.5	19.7
-37.5°	199.2	179.4	157.7	134.8	114.2	92.7	71.6	51.6	36.2	26.7	19.4
-40°	190.6	170.9	148.8	128.7	108.6	87.6	68.0	49.7	34.6	25.7	18.9
-42.5°	181.0	161.4	141.6	122.4	102.7	83.3	64.2	47.4	33.9	24.9	18.4
-45°	171.2	152.8	134.9	115.9	96.8	78.8	61.1	44.8	32.9	24.2	17.8
-47.5°	162.0	145.5	127.6	109.0	91.6	74.2	57.4	43.1	31.5	23.3	17.2
-50°	154.3	137.5	119.6	101.9	85.6	69.5	53.6	40.8	30.3	22.4	16.5
-52.5°	145.3	128.4	110.8	94.1	79.2	64.2	50.3	38.2	28.6	21.3	15.6
-55°	134.7	117.8	101.1	86.4	72.4	59.3	46.5	35.4	26.4	20.1	14.6
-57.5°	122.2	105.9	92.1	78.8	65.7	53.7	42.3	32.1	24.5	18.6	13.4
-60°	109.5	96.2	83.6	70.6	58.6	47.7	37.4	28.7	22.6	17.1	12.1
-62.5°	98.1	86.0	73.6	61.7	51.1	41.3	32.5	26.2	20.4	15.3	10.7
-65°	85.3	73.8	62.8	53.0	43.6	35.4	29.1	23.4	18.1	13.4	9.4
-67.5°	71.6	62.4	53.1	44.2	37.3	31.2	25.6	20.4	15.6	11.3	8.6
-70°	60.5	51.9	44.3	38.0	32.2	26.8	21.8	17.2	13.0	10.2	7.8
-72.5°	49.9	43.3	37.3	31.9	26.9	22.2	17.9	14.1	11.3	8.9	6.9
-75°	39.8	35.0	30.2	25.6	21.4	17.5	14.7	11.9	9.5	7.5	6.0
-77.5°	31.8	27.6	23.2	19.9	17.3	14.7	12.1	9.5	7.9	6.5	5.2
-80°	24.5	21.5	18.9	16.7	14.3	11.9	9.8	8.0	6.8	5.6	4.3
-82.5°	17.6	16.1	14.7	13.4	11.5	9.8	8.2	6.8	5.7	4.6	3.4
-85°	12.0	11.3	10.6	10.0	8.7	7.6	6.3	5.1	4.1	3.1	2.3
-87.5°	6.1	5.8	5.5	5.2	4.5	3.8	3.2	2.6	2.0	1.6	1.1
-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-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.3	0.0	0.1	0.5	0.0
70°	0.3	0.7	0.6	0.1	0.1	0.5	0.0
67.5°	1.1	0.9	0.9	0.4	0.2	0.6	0.0
65°	1.7	1.3	1.2	0.7	0.2	0.7	0.0
62.5°	2.4	1.7	1.5	1.0	0.3	0.8	0.0
60°	2.9	2.1	1.9	1.3	0.4	0.9	0.0
57.5°	3.0	2.4	2.1	1.6	0.7	0.9	0.0
55°	3.0	2.8	2.3	1.9	0.9	1.0	0.0
52.5°	3.0	3.0	2.5	2.2	1.1	1.1	0.0
50°	3.0	3.0	2.6	2.6	1.4	1.2	0.0
47.5°	3.0	3.0	2.8	2.8	1.6	1.3	0.0
45°	3.0	3.0	2.9	2.9	1.8	1.4	0.0
42.5°	3.0	3.0	3.0	3.0	1.9	1.5	0.0
40°	3.0	3.0	3.0	3.0	2.1	1.6	0.0
37.5°	3.0	3.0	3.0	3.0	2.2	1.7	0.0
35°	3.0	3.0	3.0	3.0	2.4	1.8	0.0
32.5°	3.1	3.0	3.0	3.0	2.5	1.8	0.0
30°	3.4	3.0	3.0	3.0	2.6	1.9	0.0
27.5°	3.8	3.0	3.0	3.0	2.7	2.0	0.0
25°	4.1	3.0	3.0	3.0	2.8	2.1	0.0
22.5°	4.5	3.1	3.0	3.0	2.8	2.2	0.0
20°	4.9	3.3	3.0	3.0	2.9	2.3	0.0
17.5°	5.5	3.6	3.0	3.0	2.9	2.4	0.0
15°	6.1	3.9	3.0	3.0	2.9	2.5	0.0
12.5°	6.7	4.2	3.0	3.0	3.0	2.6	0.0
10°	7.2	4.6	3.0	3.0	3.0	2.7	0.0
7.5°	7.7	5.0	3.0	3.0	3.0	2.8	0.0
5°	8.2	5.4	3.0	3.0	3.0	2.9	0.0
2.5°	8.7	5.7	3.0	3.0	3.0	2.9	0.0
0°	9.1	6.1	3.0	3.0	3.0	3.0	0.0
-2.5°	9.9	6.4	3.3	3.0	3.0	3.0	0.0
-5°	10.6	6.7	3.5	3.0	3.0	3.0	0.0
-7.5°	11.3	7.0	3.8	3.0	3.0	3.0	0.0
-10°	11.9	7.2	4.0	3.0	3.0	3.0	0.0
-12.5°	12.4	7.4	4.2	3.0	3.0	2.9	0.0
-15°	12.8	7.5	4.4	3.0	3.0	2.9	0.0
-17.5°	13.1	7.7	4.5	3.0	3.0	2.9	0.0
-20°	13.2	7.8	4.6	3.0	3.0	2.8	0.0

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CATALOG NUMBER: GFLD-SA2D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.4	7.9	4.7	3.0	3.0	2.8	0.0
-25°	13.5	8.1	4.6	3.0	3.0	2.7	0.0
-27.5°	13.5	8.3	4.6	3.0	3.0	2.7	0.0
-30°	13.4	8.4	4.5	3.0	3.0	2.6	0.0
-32.5°	13.2	8.5	4.4	3.0	3.0	2.5	0.0
-35°	13.2	8.5	4.4	3.0	3.0	2.5	0.0
-37.5°	13.1	8.4	4.3	3.0	3.0	2.4	0.0
-40°	13.0	8.2	4.1	3.0	3.0	2.3	0.0
-42.5°	12.7	7.9	4.1	3.0	3.0	2.2	0.0
-45°	12.3	7.6	4.2	3.1	3.0	2.1	0.0
-47.5°	11.9	7.2	4.2	3.2	3.0	2.0	0.0
-50°	11.2	6.7	4.3	3.2	3.0	1.9	0.0
-52.5°	10.5	6.2	4.3	3.2	3.0	1.8	0.0
-55°	9.7	6.0	4.3	3.3	3.0	1.7	0.0
-57.5°	8.8	5.9	4.2	3.3	3.0	1.6	0.0
-60°	7.9	5.7	4.1	3.2	3.0	1.5	0.0
-62.5°	7.5	5.4	4.0	3.2	2.8	1.4	0.0
-65°	7.0	5.2	3.9	3.1	2.5	1.3	0.0
-67.5°	6.5	4.8	3.7	3.1	2.3	1.1	0.0
-70°	5.9	4.5	3.5	3.0	2.0	1.0	0.0
-72.5°	5.3	4.1	3.3	2.7	1.8	0.9	0.0
-75°	4.6	3.6	3.0	2.3	1.6	0.8	0.0
-77.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-80°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)