

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: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-730-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

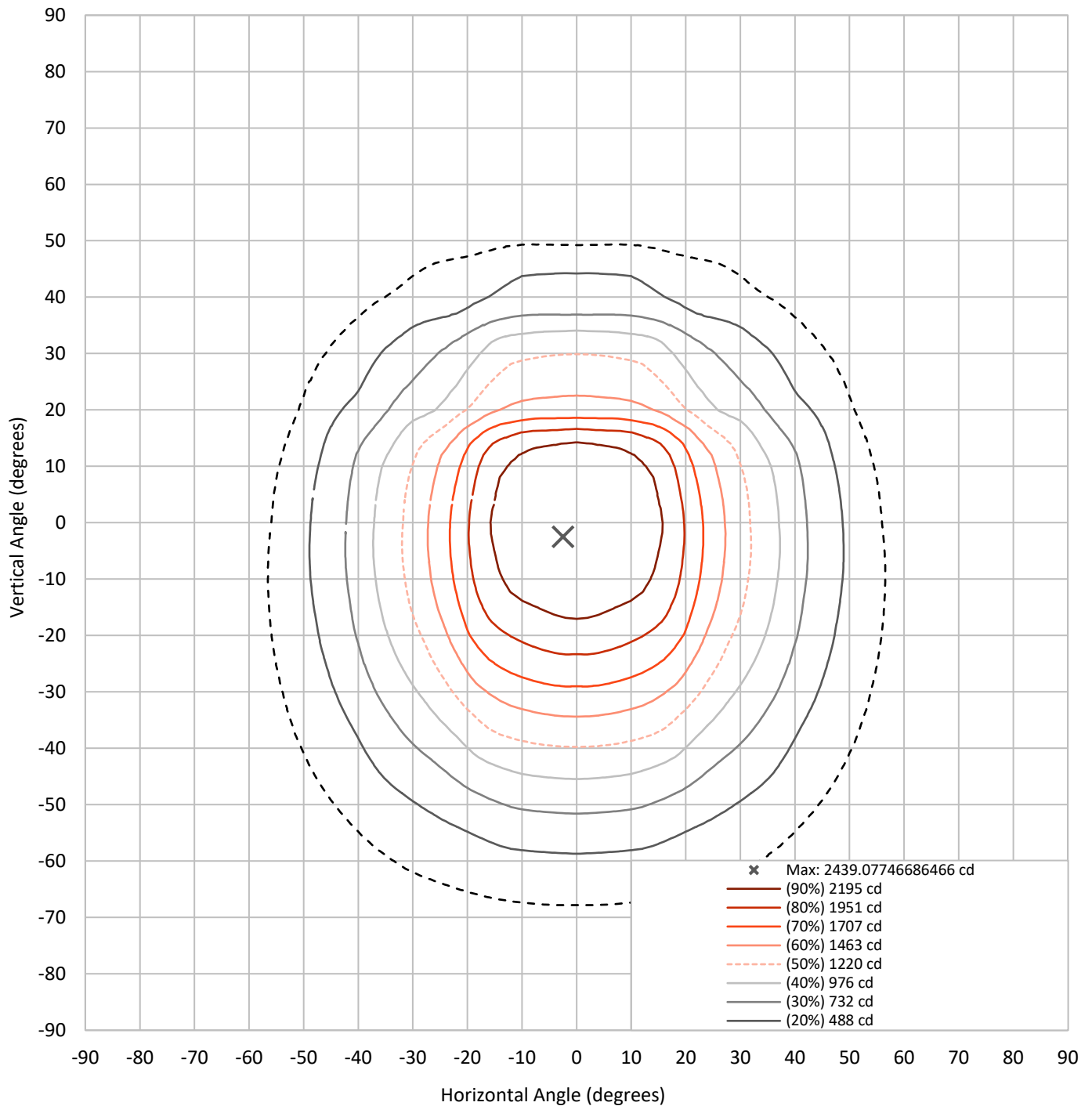
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3255 lumens	Max Intensity:	2439.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	97.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1883.3 lumens	Field Lumens:	3088.8 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	33.5		
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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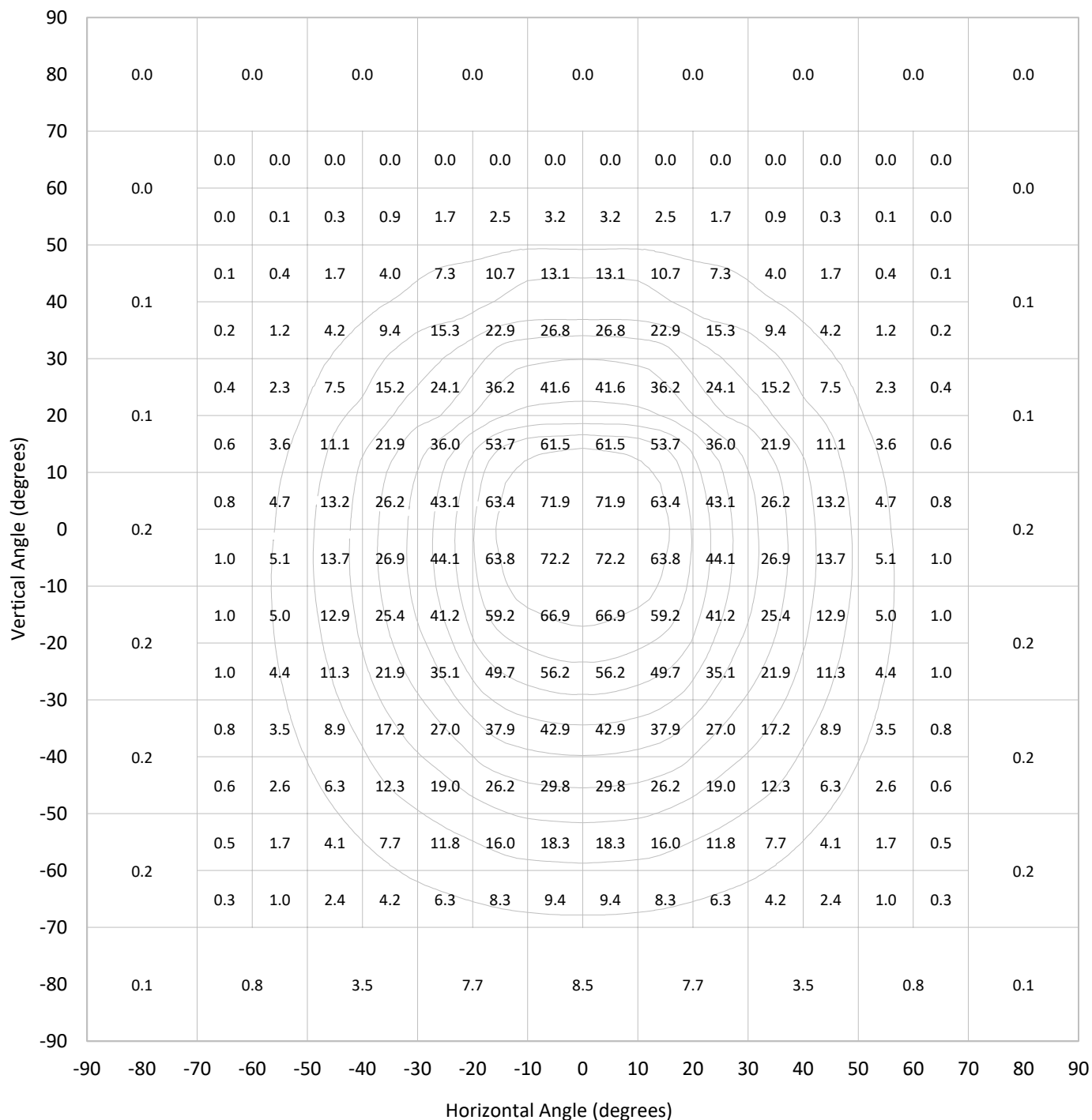
### Iso-Candela Plot





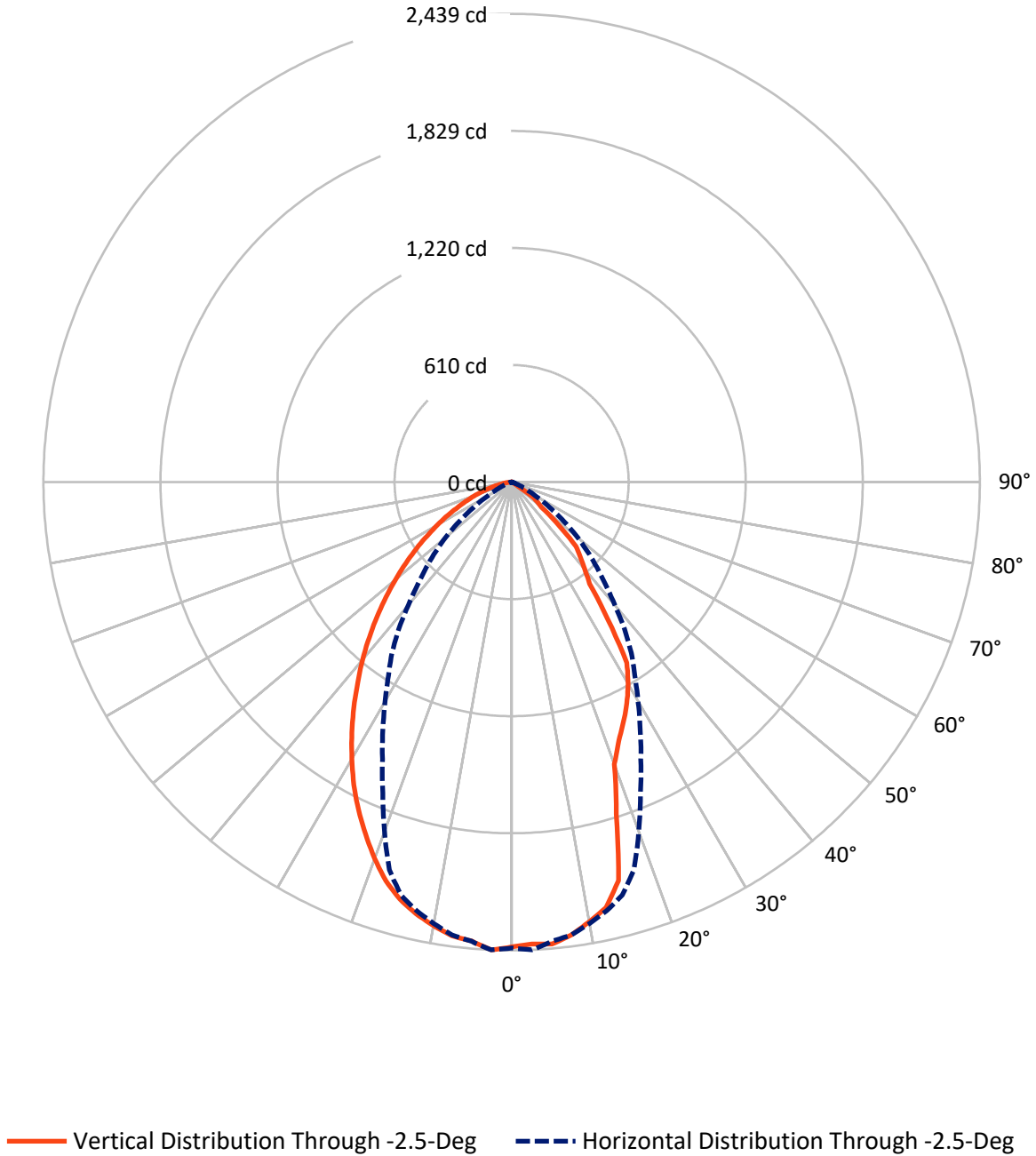
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### Lumen Table



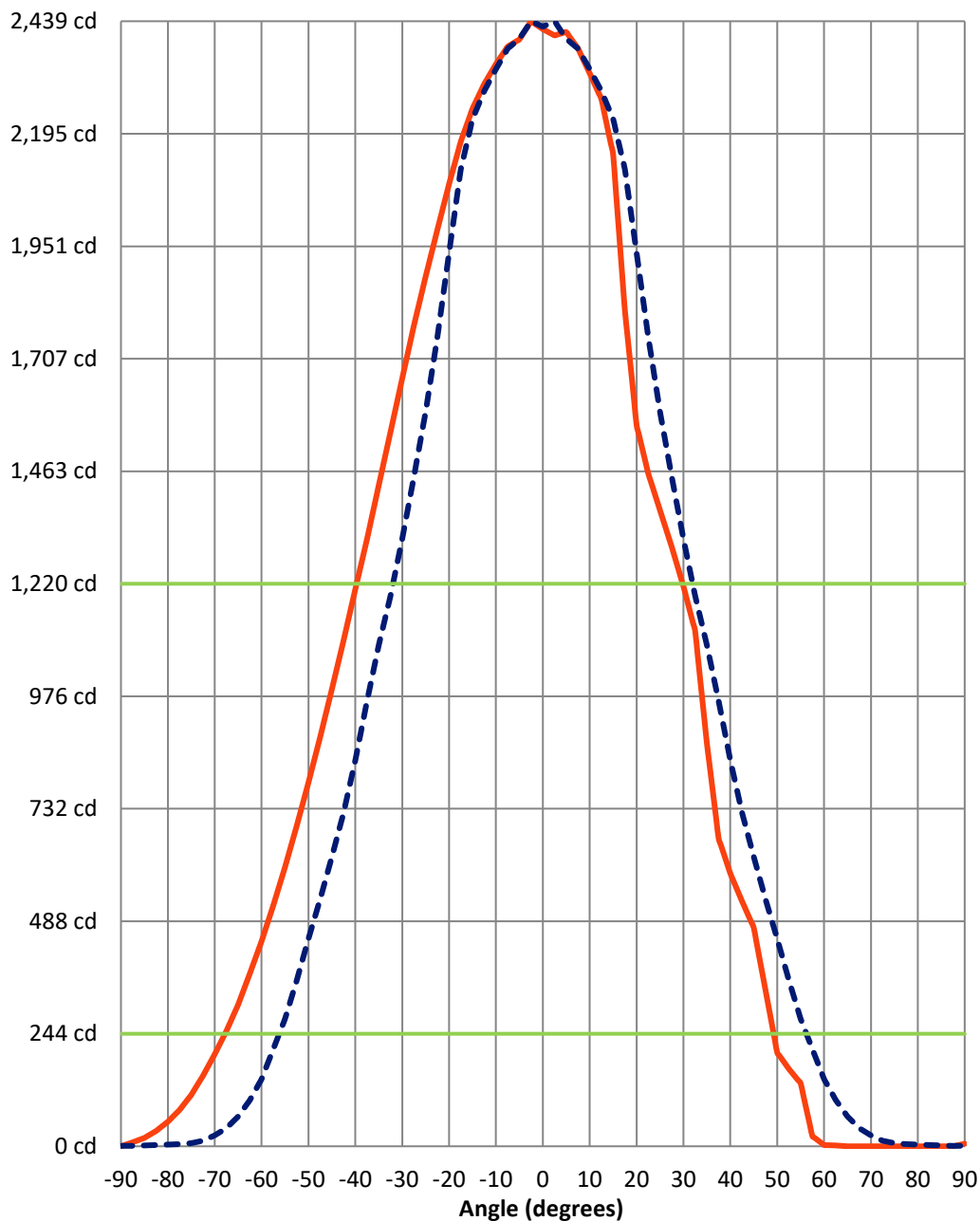
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 1883.3  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 3088.8  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 166.2  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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°	0.9	0.9	0.9	1.1	1.4	1.6	1.8	2.0	2.3	2.5	2.7
87.5°	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.1	0.0
85°	0.9	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1	0.0
82.5°	0.9	0.9	0.9	0.8	0.7	0.5	0.2	0.1	0.0	0.1	0.2
80°	0.9	0.9	0.9	0.8	0.6	0.3	0.0	0.2	0.3	0.5	0.6
77.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.3	0.4	0.6	0.8	0.8
75°	0.9	0.9	0.9	0.7	0.5	0.4	0.5	0.7	0.9	0.7	0.5
72.5°	0.9	0.9	0.9	0.7	0.6	0.6	0.7	0.9	0.8	0.5	0.2
70°	0.9	0.9	0.9	0.7	0.6	0.7	0.9	0.9	0.7	0.3	0.4
67.5°	0.9	0.9	0.9	0.8	0.7	0.8	0.9	0.8	0.6	0.7	0.8
65°	0.9	0.9	0.9	0.8	0.8	0.9	1.0	0.8	0.9	1.0	1.1
62.5°	0.9	0.9	0.9	0.8	0.8	1.0	1.0	1.0	1.2	1.4	1.2
60°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.3	1.5	1.6	1.4
57.5°	0.9	0.9	0.9	0.9	1.0	1.2	1.3	1.6	1.8	1.8	1.8
55°	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.8	2.1	2.1	2.2
52.5°	0.9	0.9	0.9	0.9	1.2	1.4	1.7	2.1	2.3	2.5	2.6
50°	0.9	0.9	1.0	0.9	1.3	1.6	2.0	2.3	2.7	2.9	3.1
47.5°	0.9	0.9	1.0	0.9	1.4	1.7	2.2	2.6	3.0	3.2	3.5
45°	0.9	0.9	1.0	1.0	1.5	1.9	2.4	2.8	3.3	3.6	3.9
42.5°	0.9	0.9	1.0	1.1	1.6	2.1	2.6	3.1	3.7	4.0	4.8
40°	0.9	0.9	1.1	1.2	1.7	2.3	2.8	3.4	4.0	4.4	5.7
37.5°	0.9	0.9	1.1	1.3	1.8	2.4	3.0	3.8	4.4	5.1	6.6
35°	0.9	0.9	1.1	1.4	2.0	2.6	3.2	4.1	4.8	6.2	8.4
32.5°	0.9	0.9	1.2	1.5	2.1	2.7	3.4	4.4	5.3	7.5	12.0
30°	0.9	0.9	1.2	1.7	2.2	2.9	3.7	4.8	5.7	9.1	15.5
27.5°	0.9	0.9	1.3	1.8	2.4	3.0	3.9	5.2	6.5	10.8	18.9
25°	0.9	0.9	1.3	1.9	2.5	3.1	4.2	5.5	7.8	13.2	22.2
22.5°	0.9	0.9	1.4	2.0	2.6	3.3	4.5	5.9	9.2	16.0	26.6
20°	0.9	0.9	1.4	2.1	2.8	3.5	4.8	6.2	10.6	18.6	30.9
17.5°	0.9	0.9	1.5	2.2	2.9	3.6	5.0	6.6	12.1	21.0	35.2
15°	0.9	0.9	1.5	2.3	3.0	3.8	5.3	7.1	13.5	23.3	39.4
12.5°	0.9	0.9	1.6	2.3	3.1	3.9	5.5	7.7	15.2	25.4	43.4
10°	0.9	0.9	1.6	2.4	3.2	4.1	5.7	8.3	16.9	27.9	47.4
7.5°	0.9	0.9	1.7	2.5	3.3	4.2	5.9	9.0	18.6	30.3	51.6
5°	0.9	0.9	1.7	2.6	3.4	4.4	6.1	9.7	20.1	32.5	55.4
2.5°	0.9	0.9	1.8	2.6	3.5	4.5	6.3	10.3	21.5	34.6	58.9
0°	0.9	0.9	1.8	2.7	3.6	4.6	6.4	10.9	22.8	36.4	61.9
-2.5°	0.9	0.9	1.8	2.7	3.6	4.6	6.4	10.9	22.8	36.4	61.9
-5°	0.9	0.9	1.8	2.7	3.8	4.8	7.1	13.0	24.4	41.8	66.9
-7.5°	0.9	0.9	1.8	2.7	3.8	4.9	7.3	13.9	25.0	43.9	68.6
-10°	0.9	0.9	1.8	2.7	3.9	4.9	7.6	14.7	25.4	45.4	69.9
-12.5°	0.9	0.9	1.8	2.6	3.9	5.0	7.8	15.2	25.7	46.1	70.9
-15°	0.9	0.9	1.7	2.6	3.9	5.0	7.9	15.6	26.2	46.1	71.2
-17.5°	0.9	0.9	1.7	2.6	3.9	5.1	7.9	15.9	27.0	45.6	70.8
-20°	0.9	0.9	1.7	2.5	3.9	5.1	8.1	16.2	27.5	44.7	69.5

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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°	0.9	0.9	1.7	2.5	3.9	5.1	8.6	16.4	27.7	43.5	67.3
-25°	0.9	0.9	1.6	2.4	3.8	5.5	9.1	16.3	27.6	42.0	64.1
-27.5°	0.9	0.9	1.6	2.4	3.7	5.9	9.4	16.1	27.2	40.7	61.8
-30°	0.9	0.9	1.6	2.3	3.6	6.2	9.6	15.6	26.7	40.1	59.2
-32.5°	0.9	0.9	1.5	2.3	3.7	6.6	9.7	15.6	26.1	39.1	56.3
-35°	0.9	0.9	1.5	2.2	3.8	6.8	10.0	15.7	25.2	37.7	53.1
-37.5°	0.9	0.9	1.4	2.1	3.9	6.9	10.3	15.7	24.0	35.8	51.6
-40°	0.9	0.9	1.4	2.1	3.9	7.0	10.4	15.5	22.6	34.1	50.0
-42.5°	0.9	0.9	1.3	2.0	3.9	7.0	10.5	15.1	21.8	32.7	47.5
-45°	0.9	0.9	1.3	2.0	3.9	6.9	10.5	14.8	21.2	31.0	44.4
-47.5°	0.9	0.9	1.2	2.0	3.9	6.8	10.3	14.6	20.4	28.9	41.9
-50°	0.9	0.9	1.2	2.0	3.8	6.6	10.1	14.2	19.8	28.1	39.0
-52.5°	0.9	0.9	1.1	2.0	3.7	6.4	9.8	13.7	19.3	27.1	35.9
-55°	0.9	0.9	1.0	1.9	3.6	6.2	9.4	13.1	18.7	25.9	34.4
-57.5°	0.9	0.9	1.0	1.8	3.4	5.8	9.0	12.6	17.8	24.6	32.6
-60°	0.9	0.9	0.9	1.8	3.2	5.4	8.5	11.9	16.7	23.1	30.5
-62.5°	0.9	0.9	0.9	1.7	3.0	5.0	7.8	11.1	15.3	21.3	28.2
-65°	0.9	0.9	0.9	1.6	2.8	4.5	7.1	10.1	13.6	18.9	25.5
-67.5°	0.9	0.9	0.9	1.4	2.6	4.0	6.2	8.8	11.7	16.1	21.9
-70°	0.9	0.9	0.9	1.3	2.3	3.6	5.3	7.5	10.0	13.0	17.7
-72.5°	0.9	0.9	0.9	1.3	2.1	3.2	4.7	6.2	8.3	10.8	13.6
-75°	0.9	0.9	0.9	1.3	1.8	2.8	4.1	5.2	6.5	8.5	10.8
-77.5°	0.9	0.9	0.9	1.2	1.7	2.4	3.4	4.4	5.4	6.4	7.9
-80°	0.9	0.9	0.9	1.2	1.6	2.1	2.7	3.5	4.3	5.2	6.1
-82.5°	0.9	0.9	0.9	1.2	1.6	2.0	2.5	2.8	3.2	3.9	4.6
-85°	0.9	0.9	0.9	1.2	1.5	1.9	2.3	2.6	2.9	3.2	3.5
-87.5°	0.9	0.9	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8	3.1
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.2	0.0





REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9	3.2	3.4
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°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.6	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.8	0.6	0.4	0.3	0.3	0.5	0.4	0.5	0.5	0.5	0.5
65°	0.9	0.7	0.7	0.8	0.9	1.0	1.0	1.1	0.9	0.8	0.8
62.5°	0.9	1.0	1.2	1.3	1.4	1.6	1.6	1.4	1.1	1.3	1.5
60°	1.3	1.5	1.7	1.8	2.0	2.1	2.0	2.0	2.3	2.6	5.1
57.5°	1.8	1.9	2.1	2.4	2.7	2.7	2.8	3.0	7.2	11.8	13.0
55°	2.3	2.4	2.8	3.2	3.5	3.4	5.0	10.5	15.9	22.0	24.2
52.5°	2.8	2.9	3.6	4.2	4.5	7.0	12.6	20.2	28.1	35.1	44.2
50°	3.2	3.9	4.6	5.4	8.6	15.1	23.4	33.6	45.5	56.8	68.3
47.5°	4.1	4.9	5.9	8.5	16.9	26.0	37.4	53.9	68.6	82.2	97.9
45°	5.0	6.8	7.9	16.8	26.6	38.3	57.6	77.7	91.1	109.3	137.2
42.5°	6.0	9.3	15.1	25.3	37.3	56.2	80.1	97.3	115.0	144.5	173.9
40°	8.7	12.5	22.7	34.9	50.0	77.6	102.2	121.6	145.9	178.6	209.3
37.5°	11.8	19.1	30.5	45.2	70.1	100.3	126.6	154.4	182.3	213.2	270.0
35°	15.4	25.2	40.4	60.2	90.1	125.5	156.9	188.0	220.1	280.8	337.2
32.5°	20.0	30.8	50.7	77.6	111.8	150.7	187.1	223.0	274.5	343.2	399.8
30°	25.0	39.8	62.6	93.8	132.3	173.7	217.5	261.0	329.2	386.0	447.4
27.5°	30.2	49.3	76.6	110.7	151.4	195.5	244.9	306.9	367.7	423.8	491.4
25°	35.6	59.3	89.3	126.8	170.2	219.0	275.8	351.3	398.8	460.9	531.4
22.5°	42.4	68.8	102.0	141.5	187.7	243.1	315.5	391.4	447.4	499.6	568.4
20°	50.4	79.5	115.7	159.8	204.8	266.7	355.1	434.8	500.7	560.5	623.7
17.5°	57.8	89.5	130.4	178.5	229.6	296.9	393.9	482.2	554.7	621.3	700.2
15°	64.7	98.7	144.8	196.3	254.1	331.5	428.7	525.6	608.4	683.3	773.0
12.5°	71.0	107.2	158.7	212.8	277.1	361.4	457.9	552.5	643.5	741.2	843.0
10°	76.7	114.8	171.8	228.2	298.4	386.6	482.0	575.0	666.7	770.1	883.2
7.5°	82.7	121.9	183.7	242.1	317.8	407.5	501.3	593.0	685.5	793.3	909.3
5°	88.3	128.4	193.1	252.1	332.8	423.7	515.8	606.6	699.8	810.5	929.1
2.5°	93.2	133.9	200.8	259.9	344.0	435.7	525.2	618.0	710.4	824.5	944.3
0°	97.4	138.4	206.7	265.9	352.4	444.3	530.8	625.5	716.6	834.0	954.2
-2.5°	100.1	145.7	210.7	276.3	359.7	449.9	535.8	627.6	723.2	837.0	965.4
-5°	102.0	151.6	213.2	284.4	364.5	452.4	537.4	626.0	724.9	836.2	967.0
-7.5°	103.1	155.8	214.3	289.0	366.2	450.9	534.7	622.9	722.0	833.4	959.8
-10°	103.7	157.1	215.8	287.6	363.9	446.0	528.5	615.7	713.8	824.1	946.0
-12.5°	105.5	156.3	215.6	284.5	359.2	438.6	519.3	604.2	700.0	808.2	927.0
-15°	105.9	154.4	213.0	280.0	351.8	429.0	507.4	588.5	683.1	792.7	906.0
-17.5°	104.9	151.6	207.9	274.3	342.0	417.3	493.3	574.3	667.2	774.8	884.0
-20°	102.5	147.9	200.3	267.5	330.4	404.3	479.2	559.5	648.9	750.1	859.3

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	98.5	143.5	192.1	258.0	320.4	389.4	462.7	539.3	626.0	718.0	826.1
-25°	94.3	138.5	185.6	245.0	308.3	372.0	443.7	514.6	599.0	689.4	785.4
-27.5°	90.4	131.4	178.8	230.7	294.1	353.4	422.2	491.4	568.7	657.3	745.7
-30°	85.3	123.9	170.6	217.0	277.1	335.9	398.3	466.3	535.9	620.0	706.9
-32.5°	80.8	116.0	161.2	206.6	258.8	316.2	372.4	437.3	505.2	576.9	662.8
-35°	77.8	111.4	151.3	194.5	240.2	294.7	348.3	404.6	470.3	537.6	613.0
-37.5°	75.3	106.0	140.8	181.9	225.4	272.2	322.3	374.2	431.5	499.3	570.3
-40°	71.5	100.0	133.0	169.9	208.3	250.8	297.4	344.3	394.0	460.3	530.2
-42.5°	66.6	94.2	125.7	156.9	191.9	230.8	272.1	316.3	364.1	421.6	486.0
-45°	62.8	86.7	117.6	145.5	174.5	210.0	248.9	288.9	334.0	383.4	441.1
-47.5°	58.0	78.6	106.9	133.0	158.6	188.9	224.4	262.3	302.2	346.8	394.1
-50°	52.8	71.9	93.9	119.3	143.7	168.9	199.2	234.3	270.5	309.3	351.5
-52.5°	48.9	64.0	84.1	105.2	128.5	151.4	177.2	207.2	239.6	272.0	309.1
-55°	44.5	58.2	74.8	93.7	113.5	134.7	158.2	184.5	210.9	240.7	270.3
-57.5°	41.4	52.6	67.0	83.4	101.2	119.2	141.4	163.6	188.0	212.7	237.3
-60°	38.9	47.7	59.7	74.2	90.0	106.8	125.0	145.6	166.6	186.7	208.0
-62.5°	36.1	43.8	53.1	65.0	79.3	94.0	110.0	127.6	146.5	163.5	180.0
-65°	32.5	39.2	47.2	56.9	68.1	80.5	94.1	109.0	125.4	139.1	152.6
-67.5°	28.4	34.0	40.8	48.6	58.0	67.6	77.7	90.2	103.6	114.8	125.8
-70°	23.2	28.4	33.9	40.3	47.7	55.9	64.7	73.8	82.9	92.1	102.1
-72.5°	17.8	22.5	27.2	31.8	37.6	44.3	51.5	59.1	67.1	74.9	82.6
-75°	13.6	16.6	20.7	24.8	28.9	33.3	38.1	44.2	51.6	59.2	66.2
-77.5°	10.2	12.8	15.5	18.3	20.9	24.1	27.7	31.5	37.6	44.6	51.7
-80°	7.4	8.9	11.1	13.3	15.1	16.9	18.8	20.7	25.3	30.9	36.9
-82.5°	5.5	6.5	7.7	9.1	10.0	10.8	11.8	13.1	16.4	20.3	24.3
-85°	3.8	4.1	4.8	5.5	6.0	6.5	7.0	7.6	9.4	11.4	13.6
-87.5°	3.2	3.4	3.6	3.8	3.9	3.9	4.0	4.0	4.7	5.3	5.9
-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: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3	5.5	5.5	5.5
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.3	0.5	0.6	0.7	0.6	0.5
62.5°	1.4	1.3	1.2	1.4	1.6	1.9	1.8	1.7	1.6	1.5	1.6
60°	5.4	3.6	4.1	5.2	4.8	3.3	5.5	6.2	5.3	3.6	3.5
57.5°	13.6	13.1	15.1	22.0	24.2	22.1	26.4	32.1	31.9	27.5	27.3
55°	29.0	39.0	51.0	52.9	61.3	78.0	91.0	85.3	85.3	89.6	103.4
52.5°	55.2	64.6	68.1	77.4	94.8	107.5	115.6	124.1	133.3	142.7	152.2
50°	81.0	90.1	100.5	110.0	134.2	147.2	145.0	162.5	184.8	198.7	205.9
47.5°	118.9	133.2	155.1	189.3	207.3	220.4	236.6	256.3	281.9	316.6	343.3
45°	163.4	186.0	219.8	256.2	284.1	296.9	315.4	346.0	386.8	426.5	455.5
42.5°	199.9	230.8	268.9	303.7	326.5	347.4	371.4	397.3	443.9	486.3	519.8
40°	247.4	271.5	314.2	347.0	367.4	388.2	426.2	464.8	508.7	548.2	575.7
37.5°	307.6	334.7	379.2	416.2	435.9	443.3	507.9	561.7	597.4	647.8	664.3
35°	372.3	416.9	473.6	521.7	541.0	579.5	646.1	721.1	802.4	832.3	857.7
32.5°	444.5	499.6	576.5	628.1	655.6	713.9	798.3	878.4	984.7	1042.3	1059.6
30°	510.5	573.7	639.9	690.0	737.0	807.3	884.2	982.9	1081.2	1155.0	1177.9
27.5°	559.0	628.9	692.5	739.4	792.5	868.3	964.2	1064.2	1160.7	1235.9	1262.7
25°	605.2	684.3	734.6	789.2	851.5	934.1	1040.4	1151.5	1246.6	1310.2	1342.9
22.5°	657.8	735.8	789.9	836.1	917.5	1012.8	1111.4	1237.0	1337.6	1388.4	1423.9
20°	712.1	800.4	883.8	926.8	997.3	1117.9	1228.3	1346.8	1444.0	1496.9	1534.4
17.5°	787.9	900.3	1002.7	1063.6	1139.1	1283.3	1421.0	1540.9	1676.1	1723.9	1769.7
15°	867.8	997.9	1117.8	1214.2	1311.8	1454.7	1632.0	1776.7	1931.0	1999.9	2077.8
12.5°	947.5	1070.6	1179.2	1303.6	1441.1	1567.4	1736.3	1916.4	2056.5	2144.4	2196.8
10°	1007.0	1121.4	1225.9	1350.6	1487.8	1630.7	1798.5	1983.2	2129.8	2204.8	2247.5
7.5°	1039.2	1148.6	1258.9	1385.2	1521.8	1674.0	1847.0	2030.2	2180.0	2252.7	2295.0
5°	1063.1	1168.1	1282.3	1415.3	1553.4	1707.8	1880.5	2061.4	2198.1	2275.3	2328.8
2.5°	1077.5	1180.5	1297.3	1434.8	1573.2	1734.0	1915.0	2102.6	2222.2	2284.3	2333.4
0°	1081.7	1185.5	1305.6	1444.9	1587.0	1749.0	1928.4	2114.2	2235.2	2295.3	2345.4
-2.5°	1086.4	1193.2	1316.8	1451.6	1592.4	1754.0	1937.1	2118.1	2227.0	2287.6	2335.3
-5°	1083.1	1193.8	1317.0	1446.1	1587.9	1748.2	1923.9	2093.1	2207.1	2272.6	2320.0
-7.5°	1073.3	1185.6	1307.4	1431.5	1570.6	1732.8	1907.8	2070.8	2186.2	2255.3	2307.1
-10°	1059.0	1168.1	1290.8	1416.4	1553.8	1708.2	1880.5	2042.5	2153.0	2226.4	2286.8
-12.5°	1043.2	1150.0	1268.3	1388.8	1524.7	1677.2	1844.1	1997.5	2107.3	2187.4	2230.5
-15°	1019.8	1126.5	1239.6	1356.2	1488.6	1636.5	1796.0	1943.1	2051.0	2116.1	2163.8
-17.5°	990.0	1094.7	1201.9	1312.5	1437.3	1582.9	1743.4	1888.5	1976.4	2034.6	2081.5
-20°	958.1	1054.9	1156.5	1260.9	1381.8	1526.0	1683.6	1810.2	1893.1	1949.0	1993.2



REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	921.6	1014.9	1107.9	1207.7	1326.2	1458.5	1597.7	1720.0	1809.1	1860.0	1900.9
-25°	880.0	970.7	1059.0	1155.4	1264.4	1383.3	1512.7	1632.9	1712.7	1766.8	1807.3
-27.5°	835.2	920.5	1006.7	1093.2	1191.2	1309.7	1429.5	1541.2	1609.3	1663.8	1704.6
-30°	790.5	867.2	946.9	1028.9	1120.8	1227.6	1339.8	1433.6	1505.5	1558.4	1596.3
-32.5°	742.1	814.8	885.4	962.0	1048.6	1142.8	1241.2	1330.5	1407.2	1455.7	1487.6
-35°	692.4	762.9	827.5	897.0	973.4	1054.6	1145.5	1233.5	1309.3	1347.7	1378.8
-37.5°	640.7	710.9	772.3	830.3	896.1	971.3	1059.8	1143.8	1209.3	1242.3	1270.3
-40°	595.8	657.6	712.8	768.3	821.8	888.6	971.1	1052.5	1105.1	1137.2	1163.3
-42.5°	552.1	604.3	649.5	699.3	752.8	818.6	885.2	953.4	995.7	1031.4	1058.9
-45°	501.2	547.9	590.3	631.7	680.5	740.6	801.2	855.8	895.3	929.8	956.5
-47.5°	445.0	490.0	531.2	568.2	613.6	663.7	714.7	760.2	799.2	833.3	857.1
-50°	392.6	432.8	473.0	510.5	549.8	590.4	631.7	671.6	708.7	741.8	762.1
-52.5°	345.7	382.8	417.9	450.7	485.1	519.4	553.6	590.1	624.3	655.6	671.8
-55°	303.2	336.7	368.4	396.0	423.6	450.8	480.1	513.8	545.3	574.3	585.9
-57.5°	265.1	293.7	321.7	345.1	367.7	389.3	415.0	443.5	471.0	495.9	505.4
-60°	230.0	252.8	276.2	296.9	316.6	335.1	357.6	380.5	402.8	421.6	429.7
-62.5°	197.7	217.2	235.0	251.8	268.4	285.1	303.3	321.5	339.5	353.9	361.2
-65°	166.6	182.1	196.4	210.2	223.7	237.7	251.9	265.7	279.1	289.4	295.7
-67.5°	137.5	149.2	160.6	171.4	182.6	194.0	205.1	215.7	225.7	233.6	239.7
-70°	111.6	120.7	129.6	138.5	147.9	156.7	165.1	173.0	180.5	186.2	190.9
-72.5°	89.9	97.3	105.0	113.0	120.6	127.2	133.2	139.0	144.6	147.9	150.3
-75°	72.5	78.8	85.4	91.9	98.2	103.3	107.7	111.9	116.1	116.3	115.4
-77.5°	58.6	64.2	69.3	74.4	79.5	82.5	85.3	88.0	90.9	89.2	86.6
-80°	43.0	47.6	52.0	56.4	60.8	62.6	63.9	65.0	66.0	63.8	61.2
-82.5°	28.5	31.4	34.3	37.2	40.1	41.3	42.2	42.9	43.5	41.5	39.3
-85°	15.9	17.3	18.7	20.1	21.5	22.3	23.1	23.7	24.4	23.2	21.9
-87.5°	6.6	6.9	7.3	7.6	7.9	8.1	8.4	8.7	9.0	9.0	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: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3
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°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.6	0.7	0.6
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.6	1.7
60°	3.2	2.8	2.7	2.7	2.7	2.8	3.2	3.5	3.6	5.3	6.2
57.5°	25.2	21.6	22.1	24.6	22.1	21.6	25.2	27.3	27.5	31.9	32.1
55°	117.9	131.7	136.5	133.8	136.5	131.7	117.9	103.4	89.6	85.3	85.3
52.5°	159.8	165.4	167.6	167.5	167.6	165.4	159.8	152.2	142.7	133.3	124.1
50°	208.0	206.2	203.2	200.3	203.2	206.2	208.0	205.9	198.7	184.8	162.5
47.5°	347.2	341.2	338.7	343.3	338.7	341.2	347.2	343.3	316.6	281.9	256.3
45°	461.4	468.5	473.7	473.5	473.7	468.5	461.4	455.5	426.5	386.8	346.0
42.5°	526.4	530.1	531.2	529.9	531.2	530.1	526.4	519.8	486.3	443.9	397.3
40°	584.3	588.8	591.3	593.6	591.3	588.8	584.3	575.7	548.2	508.7	464.8
37.5°	669.8	671.4	667.8	665.6	667.8	671.4	669.8	664.3	647.8	597.4	561.7
35°	879.2	883.5	873.6	884.1	873.6	883.5	879.2	857.7	832.3	802.4	721.1
32.5°	1080.1	1100.2	1116.5	1129.9	1116.5	1100.2	1080.1	1059.6	1042.3	984.7	878.4
30°	1193.9	1206.8	1213.8	1215.5	1213.8	1206.8	1193.9	1177.9	1155.0	1081.2	982.9
27.5°	1277.5	1291.0	1299.5	1305.6	1299.5	1291.0	1277.5	1262.7	1235.9	1160.7	1064.2
25°	1358.0	1370.4	1378.8	1382.1	1378.8	1370.4	1358.0	1342.9	1310.2	1246.6	1151.5
22.5°	1441.5	1450.1	1458.2	1462.2	1458.2	1450.1	1441.5	1423.9	1388.4	1337.6	1237.0
20°	1561.3	1556.6	1564.0	1561.5	1564.0	1556.6	1561.3	1534.4	1496.9	1444.0	1346.8
17.5°	1805.3	1807.9	1812.8	1821.0	1812.8	1807.9	1805.3	1769.7	1723.9	1676.1	1540.9
15°	2112.3	2118.5	2149.9	2177.9	2149.9	2118.5	2112.3	2077.8	1999.9	1931.0	1776.7
12.5°	2245.4	2266.8	2270.2	2278.0	2270.2	2266.8	2245.4	2196.8	2144.4	2056.5	1916.4
10°	2289.9	2326.9	2326.1	2335.4	2326.1	2326.9	2289.9	2247.5	2204.8	2129.8	1983.2
7.5°	2323.6	2363.3	2380.1	2387.3	2380.1	2363.3	2323.6	2295.0	2252.7	2180.0	2030.2
5°	2364.7	2386.6	2415.6	2407.3	2415.6	2386.6	2364.7	2328.8	2275.3	2198.1	2061.4
2.5°	2382.1	2416.3	2408.4	2416.4	2408.4	2416.3	2382.1	2333.4	2284.3	2222.2	2102.6
0°	2393.7	2418.3	2421.9	2430.1	2421.9	2418.3	2393.7	2345.4	2295.3	2235.2	2114.2
-2.5°	2379.6	2401.2	2439.1	2427.4	2439.1	2401.2	2379.6	2335.3	2287.6	2227.0	2118.1
-5°	2367.2	2420.4	2399.8	2425.5	2399.8	2420.4	2367.2	2320.0	2272.6	2207.1	2093.1
-7.5°	2360.8	2370.3	2384.1	2403.7	2384.1	2370.3	2360.8	2307.1	2255.3	2186.2	2070.8
-10°	2311.4	2321.1	2346.3	2360.0	2346.3	2321.1	2311.4	2286.8	2226.4	2153.0	2042.5
-12.5°	2257.7	2276.6	2303.1	2311.7	2303.1	2276.6	2257.7	2230.5	2187.4	2107.3	1997.5
-15°	2196.0	2224.0	2249.8	2255.3	2249.8	2224.0	2196.0	2163.8	2116.1	2051.0	1943.1
-17.5°	2117.5	2151.1	2178.2	2184.3	2178.2	2151.1	2117.5	2081.5	2034.6	1976.4	1888.5
-20°	2031.0	2063.2	2086.2	2093.2	2086.2	2063.2	2031.0	1993.2	1949.0	1893.1	1810.2



REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1938.4	1967.4	1986.9	1984.0	1986.9	1967.4	1938.4	1900.9	1860.0	1809.1	1720.0
-25°	1840.1	1867.0	1885.6	1882.9	1885.6	1867.0	1840.1	1807.3	1766.8	1712.7	1632.9
-27.5°	1736.1	1761.6	1779.5	1780.0	1779.5	1761.6	1736.1	1704.6	1663.8	1609.3	1541.2
-30°	1626.9	1650.0	1664.5	1658.9	1664.5	1650.0	1626.9	1596.3	1558.4	1505.5	1433.6
-32.5°	1514.2	1535.1	1548.4	1552.4	1548.4	1535.1	1514.2	1487.6	1455.7	1407.2	1330.5
-35°	1403.1	1421.5	1433.0	1435.8	1433.0	1421.5	1403.1	1378.8	1347.7	1309.3	1233.5
-37.5°	1292.6	1308.5	1316.5	1312.9	1316.5	1308.5	1292.6	1270.3	1242.3	1209.3	1143.8
-40°	1183.5	1198.6	1207.8	1210.0	1207.8	1198.6	1183.5	1163.3	1137.2	1105.1	1052.5
-42.5°	1076.3	1088.9	1096.9	1100.8	1096.9	1088.9	1076.3	1058.9	1031.4	995.7	953.4
-45°	972.1	983.4	991.0	995.2	991.0	983.4	972.1	956.5	929.8	895.3	855.8
-47.5°	870.8	880.7	887.2	890.5	887.2	880.7	870.8	857.1	833.3	799.2	760.2
-50°	774.0	782.5	788.6	792.1	788.6	782.5	774.0	762.1	741.8	708.7	671.6
-52.5°	682.1	689.6	694.8	697.4	694.8	689.6	682.1	671.8	655.6	624.3	590.1
-55°	594.4	600.5	605.3	608.2	605.3	600.5	594.4	585.9	574.3	545.3	513.8
-57.5°	512.6	517.6	522.1	525.4	522.1	517.6	512.6	505.4	495.9	471.0	443.5
-60°	436.0	440.7	444.6	447.0	444.6	440.7	436.0	429.7	421.6	402.8	380.5
-62.5°	367.0	371.1	374.6	376.9	374.6	371.1	367.0	361.2	353.9	339.5	321.5
-65°	300.7	304.4	307.1	308.7	307.1	304.4	300.7	295.7	289.4	279.1	265.7
-67.5°	244.9	249.2	250.0	249.5	250.0	249.2	244.9	239.7	233.6	225.7	215.7
-70°	195.0	198.7	199.5	199.4	199.5	198.7	195.0	190.9	186.2	180.5	173.0
-72.5°	152.5	154.5	152.8	150.2	152.8	154.5	152.5	150.3	147.9	144.6	139.0
-75°	114.4	113.2	111.4	109.3	111.4	113.2	114.4	115.4	116.3	116.1	111.9
-77.5°	83.8	80.7	78.7	76.5	78.7	80.7	83.8	86.6	89.2	90.9	88.0
-80°	58.3	55.3	53.2	51.0	53.2	55.3	58.3	61.2	63.8	66.0	65.0
-82.5°	37.0	34.5	33.2	31.9	33.2	34.5	37.0	39.3	41.5	43.5	42.9
-85°	20.5	19.0	18.2	17.3	18.2	19.0	20.5	21.9	23.2	24.4	23.7
-87.5°	9.1	9.1	8.6	8.2	8.6	9.1	9.1	9.0	9.0	9.0	8.7
-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: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.4	3.2	2.9	2.7
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	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5
65°	0.5	0.3	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	1.1
62.5°	1.8	1.9	1.6	1.4	1.2	1.3	1.4	1.5	1.3	1.1	1.4
60°	5.5	3.3	4.8	5.2	4.1	3.6	5.4	5.1	2.6	2.3	2.0
57.5°	26.4	22.1	24.2	22.0	15.1	13.1	13.6	13.0	11.8	7.2	3.0
55°	91.0	78.0	61.3	52.9	51.0	39.0	29.0	24.2	22.0	15.9	10.5
52.5°	115.6	107.5	94.8	77.4	68.1	64.6	55.2	44.2	35.1	28.1	20.2
50°	145.0	147.2	134.2	110.0	100.5	90.1	81.0	68.3	56.8	45.5	33.6
47.5°	236.6	220.4	207.3	189.3	155.1	133.2	118.9	97.9	82.2	68.6	53.9
45°	315.4	296.9	284.1	256.2	219.8	186.0	163.4	137.2	109.3	91.1	77.7
42.5°	371.4	347.4	326.5	303.7	268.9	230.8	199.9	173.9	144.5	115.0	97.3
40°	426.2	388.2	367.4	347.0	314.2	271.5	247.4	209.3	178.6	145.9	121.6
37.5°	507.9	443.3	435.9	416.2	379.2	334.7	307.6	270.0	213.2	182.3	154.4
35°	646.1	579.5	541.0	521.7	473.6	416.9	372.3	337.2	280.8	220.1	188.0
32.5°	798.3	713.9	655.6	628.1	576.5	499.6	444.5	399.8	343.2	274.5	223.0
30°	884.2	807.3	737.0	690.0	639.9	573.7	510.5	447.4	386.0	329.2	261.0
27.5°	964.2	868.3	792.5	739.4	692.5	628.9	559.0	491.4	423.8	367.7	306.9
25°	1040.4	934.1	851.5	789.2	734.6	684.3	605.2	531.4	460.9	398.8	351.3
22.5°	1111.4	1012.8	917.5	836.1	789.9	735.8	657.8	568.4	499.6	447.4	391.4
20°	1228.3	1117.9	997.3	926.8	883.8	800.4	712.1	623.7	560.5	500.7	434.8
17.5°	1421.0	1283.3	1139.1	1063.6	1002.7	900.3	787.9	700.2	621.3	554.7	482.2
15°	1632.0	1454.7	1311.8	1214.2	1117.8	997.9	867.8	773.0	683.3	608.4	525.6
12.5°	1736.3	1567.4	1441.1	1303.6	1179.2	1070.6	947.5	843.0	741.2	643.5	552.5
10°	1798.5	1630.7	1487.8	1350.6	1225.9	1121.4	1007.0	883.2	770.1	666.7	575.0
7.5°	1847.0	1674.0	1521.8	1385.2	1258.9	1148.6	1039.2	909.3	793.3	685.5	593.0
5°	1880.5	1707.8	1553.4	1415.3	1282.3	1168.1	1063.1	929.1	810.5	699.8	606.6
2.5°	1915.0	1734.0	1573.2	1434.8	1297.3	1180.5	1077.5	944.3	824.5	710.4	618.0
0°	1928.4	1749.0	1587.0	1444.9	1305.6	1185.5	1081.7	954.2	834.0	716.6	625.5
-2.5°	1937.1	1754.0	1592.4	1451.6	1316.8	1193.2	1086.4	965.4	837.0	723.2	627.6
-5°	1923.9	1748.2	1587.9	1446.1	1317.0	1193.8	1083.1	967.0	836.2	724.9	626.0
-7.5°	1907.8	1732.8	1570.6	1431.5	1307.4	1185.6	1073.3	959.8	833.4	722.0	622.9
-10°	1880.5	1708.2	1553.8	1416.4	1290.8	1168.1	1059.0	946.0	824.1	713.8	615.7
-12.5°	1844.1	1677.2	1524.7	1388.8	1268.3	1150.0	1043.2	927.0	808.2	700.0	604.2
-15°	1796.0	1636.5	1488.6	1356.2	1239.6	1126.5	1019.8	906.0	792.7	683.1	588.5
-17.5°	1743.4	1582.9	1437.3	1312.5	1201.9	1094.7	990.0	884.0	774.8	667.2	574.3
-20°	1683.6	1526.0	1381.8	1260.9	1156.5	1054.9	958.1	859.3	750.1	648.9	559.5



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REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1597.7	1458.5	1326.2	1207.7	1107.9	1014.9	921.6	826.1	718.0	626.0	539.3
-25°	1512.7	1383.3	1264.4	1155.4	1059.0	970.7	880.0	785.4	689.4	599.0	514.6
-27.5°	1429.5	1309.7	1191.2	1093.2	1006.7	920.5	835.2	745.7	657.3	568.7	491.4
-30°	1339.8	1227.6	1120.8	1028.9	946.9	867.2	790.5	706.9	620.0	535.9	466.3
-32.5°	1241.2	1142.8	1048.6	962.0	885.4	814.8	742.1	662.8	576.9	505.2	437.3
-35°	1145.5	1054.6	973.4	897.0	827.5	762.9	692.4	613.0	537.6	470.3	404.6
-37.5°	1059.8	971.3	896.1	830.3	772.3	710.9	640.7	570.3	499.3	431.5	374.2
-40°	971.1	888.6	821.8	768.3	712.8	657.6	595.8	530.2	460.3	394.0	344.3
-42.5°	885.2	818.6	752.8	699.3	649.5	604.3	552.1	486.0	421.6	364.1	316.3
-45°	801.2	740.6	680.5	631.7	590.3	547.9	501.2	441.1	383.4	334.0	288.9
-47.5°	714.7	663.7	613.6	568.2	531.2	490.0	445.0	394.1	346.8	302.2	262.3
-50°	631.7	590.4	549.8	510.5	473.0	432.8	392.6	351.5	309.3	270.5	234.3
-52.5°	553.6	519.4	485.1	450.7	417.9	382.8	345.7	309.1	272.0	239.6	207.2
-55°	480.1	450.8	423.6	396.0	368.4	336.7	303.2	270.3	240.7	210.9	184.5
-57.5°	415.0	389.3	367.7	345.1	321.7	293.7	265.1	237.3	212.7	188.0	163.6
-60°	357.6	335.1	316.6	296.9	276.2	252.8	230.0	208.0	186.7	166.6	145.6
-62.5°	303.3	285.1	268.4	251.8	235.0	217.2	197.7	180.0	163.5	146.5	127.6
-65°	251.9	237.7	223.7	210.2	196.4	182.1	166.6	152.6	139.1	125.4	109.0
-67.5°	205.1	194.0	182.6	171.4	160.6	149.2	137.5	125.8	114.8	103.6	90.2
-70°	165.1	156.7	147.9	138.5	129.6	120.7	111.6	102.1	92.1	82.9	73.8
-72.5°	133.2	127.2	120.6	113.0	105.0	97.3	89.9	82.6	74.9	67.1	59.1
-75°	107.7	103.3	98.2	91.9	85.4	78.8	72.5	66.2	59.2	51.6	44.2
-77.5°	85.3	82.5	79.5	74.4	69.3	64.2	58.6	51.7	44.6	37.6	31.5
-80°	63.9	62.6	60.8	56.4	52.0	47.6	43.0	36.9	30.9	25.3	20.7
-82.5°	42.2	41.3	40.1	37.2	34.3	31.4	28.5	24.3	20.3	16.4	13.1
-85°	23.1	22.3	21.5	20.1	18.7	17.3	15.9	13.6	11.4	9.4	7.6
-87.5°	8.4	8.1	7.9	7.6	7.3	6.9	6.6	5.9	5.3	4.7	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.3	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.3	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.8	0.8	0.6	0.4
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.5	0.7	0.9	0.7
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.2	0.5	0.8	0.9
70°	0.1	0.0	0.0	0.1	0.4	0.6	0.5	0.4	0.3	0.7	0.9
67.5°	0.4	0.5	0.3	0.3	0.4	0.6	0.8	0.8	0.7	0.6	0.8
65°	1.0	1.0	0.9	0.8	0.7	0.7	0.9	1.1	1.0	0.9	0.8
62.5°	1.6	1.6	1.4	1.3	1.2	1.0	0.9	1.2	1.4	1.2	1.0
60°	2.0	2.1	2.0	1.8	1.7	1.5	1.3	1.4	1.6	1.5	1.3
57.5°	2.8	2.7	2.7	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.6
55°	5.0	3.4	3.5	3.2	2.8	2.4	2.3	2.2	2.1	2.1	1.8
52.5°	12.6	7.0	4.5	4.2	3.6	2.9	2.8	2.6	2.5	2.3	2.1
50°	23.4	15.1	8.6	5.4	4.6	3.9	3.2	3.1	2.9	2.7	2.3
47.5°	37.4	26.0	16.9	8.5	5.9	4.9	4.1	3.5	3.2	3.0	2.6
45°	57.6	38.3	26.6	16.8	7.9	6.8	5.0	3.9	3.6	3.3	2.8
42.5°	80.1	56.2	37.3	25.3	15.1	9.3	6.0	4.8	4.0	3.7	3.1
40°	102.2	77.6	50.0	34.9	22.7	12.5	8.7	5.7	4.4	4.0	3.4
37.5°	126.6	100.3	70.1	45.2	30.5	19.1	11.8	6.6	5.1	4.4	3.8
35°	156.9	125.5	90.1	60.2	40.4	25.2	15.4	8.4	6.2	4.8	4.1
32.5°	187.1	150.7	111.8	77.6	50.7	30.8	20.0	12.0	7.5	5.3	4.4
30°	217.5	173.7	132.3	93.8	62.6	39.8	25.0	15.5	9.1	5.7	4.8
27.5°	244.9	195.5	151.4	110.7	76.6	49.3	30.2	18.9	10.8	6.5	5.2
25°	275.8	219.0	170.2	126.8	89.3	59.3	35.6	22.2	13.2	7.8	5.5
22.5°	315.5	243.1	187.7	141.5	102.0	68.8	42.4	26.6	16.0	9.2	5.9
20°	355.1	266.7	204.8	159.8	115.7	79.5	50.4	30.9	18.6	10.6	6.2
17.5°	393.9	296.9	229.6	178.5	130.4	89.5	57.8	35.2	21.0	12.1	6.6
15°	428.7	331.5	254.1	196.3	144.8	98.7	64.7	39.4	23.3	13.5	7.1
12.5°	457.9	361.4	277.1	212.8	158.7	107.2	71.0	43.4	25.4	15.2	7.7
10°	482.0	386.6	298.4	228.2	171.8	114.8	76.7	47.4	27.9	16.9	8.3
7.5°	501.3	407.5	317.8	242.1	183.7	121.9	82.7	51.6	30.3	18.6	9.0
5°	515.8	423.7	332.8	252.1	193.1	128.4	88.3	55.4	32.5	20.1	9.7
2.5°	525.2	435.7	344.0	259.9	200.8	133.9	93.2	58.9	34.6	21.5	10.3
0°	530.8	444.3	352.4	265.9	206.7	138.4	97.4	61.9	36.4	22.8	10.9
-2.5°	535.8	449.9	359.7	276.3	210.7	145.7	100.1	64.6	39.3	23.7	12.0
-5°	537.4	452.4	364.5	284.4	213.2	151.6	102.0	66.9	41.8	24.4	13.0
-7.5°	534.7	450.9	366.2	289.0	214.3	155.8	103.1	68.6	43.9	25.0	13.9
-10°	528.5	446.0	363.9	287.6	215.8	157.1	103.7	69.9	45.4	25.4	14.7
-12.5°	519.3	438.6	359.2	284.5	215.6	156.3	105.5	70.9	46.1	25.7	15.2
-15°	507.4	429.0	351.8	280.0	213.0	154.4	105.9	71.2	46.1	26.2	15.6
-17.5°	493.3	417.3	342.0	274.3	207.9	151.6	104.9	70.8	45.6	27.0	15.9
-20°	479.2	404.3	330.4	267.5	200.3	147.9	102.5	69.5	44.7	27.5	16.2

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REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	462.7	389.4	320.4	258.0	192.1	143.5	98.5	67.3	43.5	27.7	16.4
-25°	443.7	372.0	308.3	245.0	185.6	138.5	94.3	64.1	42.0	27.6	16.3
-27.5°	422.2	353.4	294.1	230.7	178.8	131.4	90.4	61.8	40.7	27.2	16.1
-30°	398.3	335.9	277.1	217.0	170.6	123.9	85.3	59.2	40.1	26.7	15.6
-32.5°	372.4	316.2	258.8	206.6	161.2	116.0	80.8	56.3	39.1	26.1	15.6
-35°	348.3	294.7	240.2	194.5	151.3	111.4	77.8	53.1	37.7	25.2	15.7
-37.5°	322.3	272.2	225.4	181.9	140.8	106.0	75.3	51.6	35.8	24.0	15.7
-40°	297.4	250.8	208.3	169.9	133.0	100.0	71.5	50.0	34.1	22.6	15.5
-42.5°	272.1	230.8	191.9	156.9	125.7	94.2	66.6	47.5	32.7	21.8	15.1
-45°	248.9	210.0	174.5	145.5	117.6	86.7	62.8	44.4	31.0	21.2	14.8
-47.5°	224.4	188.9	158.6	133.0	106.9	78.6	58.0	41.9	28.9	20.4	14.6
-50°	199.2	168.9	143.7	119.3	93.9	71.9	52.8	39.0	28.1	19.8	14.2
-52.5°	177.2	151.4	128.5	105.2	84.1	64.0	48.9	35.9	27.1	19.3	13.7
-55°	158.2	134.7	113.5	93.7	74.8	58.2	44.5	34.4	25.9	18.7	13.1
-57.5°	141.4	119.2	101.2	83.4	67.0	52.6	41.4	32.6	24.6	17.8	12.6
-60°	125.0	106.8	90.0	74.2	59.7	47.7	38.9	30.5	23.1	16.7	11.9
-62.5°	110.0	94.0	79.3	65.0	53.1	43.8	36.1	28.2	21.3	15.3	11.1
-65°	94.1	80.5	68.1	56.9	47.2	39.2	32.5	25.5	18.9	13.6	10.1
-67.5°	77.7	67.6	58.0	48.6	40.8	34.0	28.4	21.9	16.1	11.7	8.8
-70°	64.7	55.9	47.7	40.3	33.9	28.4	23.2	17.7	13.0	10.0	7.5
-72.5°	51.5	44.3	37.6	31.8	27.2	22.5	17.8	13.6	10.8	8.3	6.2
-75°	38.1	33.3	28.9	24.8	20.7	16.6	13.6	10.8	8.5	6.5	5.2
-77.5°	27.7	24.1	20.9	18.3	15.5	12.8	10.2	7.9	6.4	5.4	4.4
-80°	18.8	16.9	15.1	13.3	11.1	8.9	7.4	6.1	5.2	4.3	3.5
-82.5°	11.8	10.8	10.0	9.1	7.7	6.5	5.5	4.6	3.9	3.2	2.8
-85°	7.0	6.5	6.0	5.5	4.8	4.1	3.8	3.5	3.2	2.9	2.6
-87.5°	4.0	3.9	3.9	3.8	3.6	3.4	3.2	3.1	2.8	2.6	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7

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REPORT NUMBER: P626610 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.8	1.6	1.4	1.1	0.9	0.9	0.9
87.5°	0.7	0.8	0.8	0.9	0.9	0.9	0.9
85°	0.4	0.6	0.7	0.8	0.9	0.9	0.9
82.5°	0.2	0.5	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.3	0.6	0.8	0.9	0.9	0.9
77.5°	0.3	0.3	0.5	0.8	0.9	0.9	0.9
75°	0.5	0.4	0.5	0.7	0.9	0.9	0.9
72.5°	0.7	0.6	0.6	0.7	0.9	0.9	0.9
70°	0.9	0.7	0.6	0.7	0.9	0.9	0.9
67.5°	0.9	0.8	0.7	0.8	0.9	0.9	0.9
65°	1.0	0.9	0.8	0.8	0.9	0.9	0.9
62.5°	1.0	1.0	0.8	0.8	0.9	0.9	0.9
60°	1.1	1.1	0.9	0.8	0.9	0.9	0.9
57.5°	1.3	1.2	1.0	0.9	0.9	0.9	0.9
55°	1.5	1.3	1.1	0.9	0.9	0.9	0.9
52.5°	1.7	1.4	1.2	0.9	0.9	0.9	0.9
50°	2.0	1.6	1.3	0.9	1.0	0.9	0.9
47.5°	2.2	1.7	1.4	0.9	1.0	0.9	0.9
45°	2.4	1.9	1.5	1.0	1.0	0.9	0.9
42.5°	2.6	2.1	1.6	1.1	1.0	0.9	0.9
40°	2.8	2.3	1.7	1.2	1.1	0.9	0.9
37.5°	3.0	2.4	1.8	1.3	1.1	0.9	0.9
35°	3.2	2.6	2.0	1.4	1.1	0.9	0.9
32.5°	3.4	2.7	2.1	1.5	1.2	0.9	0.9
30°	3.7	2.9	2.2	1.7	1.2	0.9	0.9
27.5°	3.9	3.0	2.4	1.8	1.3	0.9	0.9
25°	4.2	3.1	2.5	1.9	1.3	0.9	0.9
22.5°	4.5	3.3	2.6	2.0	1.4	0.9	0.9
20°	4.8	3.5	2.8	2.1	1.4	0.9	0.9
17.5°	5.0	3.6	2.9	2.2	1.5	0.9	0.9
15°	5.3	3.8	3.0	2.3	1.5	0.9	0.9
12.5°	5.5	3.9	3.1	2.3	1.6	0.9	0.9
10°	5.7	4.1	3.2	2.4	1.6	0.9	0.9
7.5°	5.9	4.2	3.3	2.5	1.7	0.9	0.9
5°	6.1	4.4	3.4	2.6	1.7	0.9	0.9
2.5°	6.3	4.5	3.5	2.6	1.8	0.9	0.9
0°	6.4	4.6	3.6	2.7	1.8	0.9	0.9
-2.5°	6.7	4.7	3.7	2.7	1.8	0.9	0.9
-5°	7.1	4.8	3.8	2.7	1.8	0.9	0.9
-7.5°	7.3	4.9	3.8	2.7	1.8	0.9	0.9
-10°	7.6	4.9	3.9	2.7	1.8	0.9	0.9
-12.5°	7.8	5.0	3.9	2.6	1.8	0.9	0.9
-15°	7.9	5.0	3.9	2.6	1.7	0.9	0.9
-17.5°	7.9	5.1	3.9	2.6	1.7	0.9	0.9
-20°	8.1	5.1	3.9	2.5	1.7	0.9	0.9

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CATALOG NUMBER: GFLD-SA1B-730-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.6	5.1	3.9	2.5	1.7	0.9	0.9
-25°	9.1	5.5	3.8	2.4	1.6	0.9	0.9
-27.5°	9.4	5.9	3.7	2.4	1.6	0.9	0.9
-30°	9.6	6.2	3.6	2.3	1.6	0.9	0.9
-32.5°	9.7	6.6	3.7	2.3	1.5	0.9	0.9
-35°	10.0	6.8	3.8	2.2	1.5	0.9	0.9
-37.5°	10.3	6.9	3.9	2.1	1.4	0.9	0.9
-40°	10.4	7.0	3.9	2.1	1.4	0.9	0.9
-42.5°	10.5	7.0	3.9	2.0	1.3	0.9	0.9
-45°	10.5	6.9	3.9	2.0	1.3	0.9	0.9
-47.5°	10.3	6.8	3.9	2.0	1.2	0.9	0.9
-50°	10.1	6.6	3.8	2.0	1.2	0.9	0.9
-52.5°	9.8	6.4	3.7	2.0	1.1	0.9	0.9
-55°	9.4	6.2	3.6	1.9	1.0	0.9	0.9
-57.5°	9.0	5.8	3.4	1.8	1.0	0.9	0.9
-60°	8.5	5.4	3.2	1.8	0.9	0.9	0.9
-62.5°	7.8	5.0	3.0	1.7	0.9	0.9	0.9
-65°	7.1	4.5	2.8	1.6	0.9	0.9	0.9
-67.5°	6.2	4.0	2.6	1.4	0.9	0.9	0.9
-70°	5.3	3.6	2.3	1.3	0.9	0.9	0.9
-72.5°	4.7	3.2	2.1	1.3	0.9	0.9	0.9
-75°	4.1	2.8	1.8	1.3	0.9	0.9	0.9
-77.5°	3.4	2.4	1.7	1.2	0.9	0.9	0.9
-80°	2.7	2.1	1.6	1.2	0.9	0.9	0.9
-82.5°	2.5	2.0	1.6	1.2	0.9	0.9	0.9
-85°	2.3	1.9	1.5	1.2	0.9	0.9	0.9
-87.5°	2.0	1.7	1.4	1.2	0.9	0.9	0.9
-90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)