

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: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/28/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-722-U-LAM-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

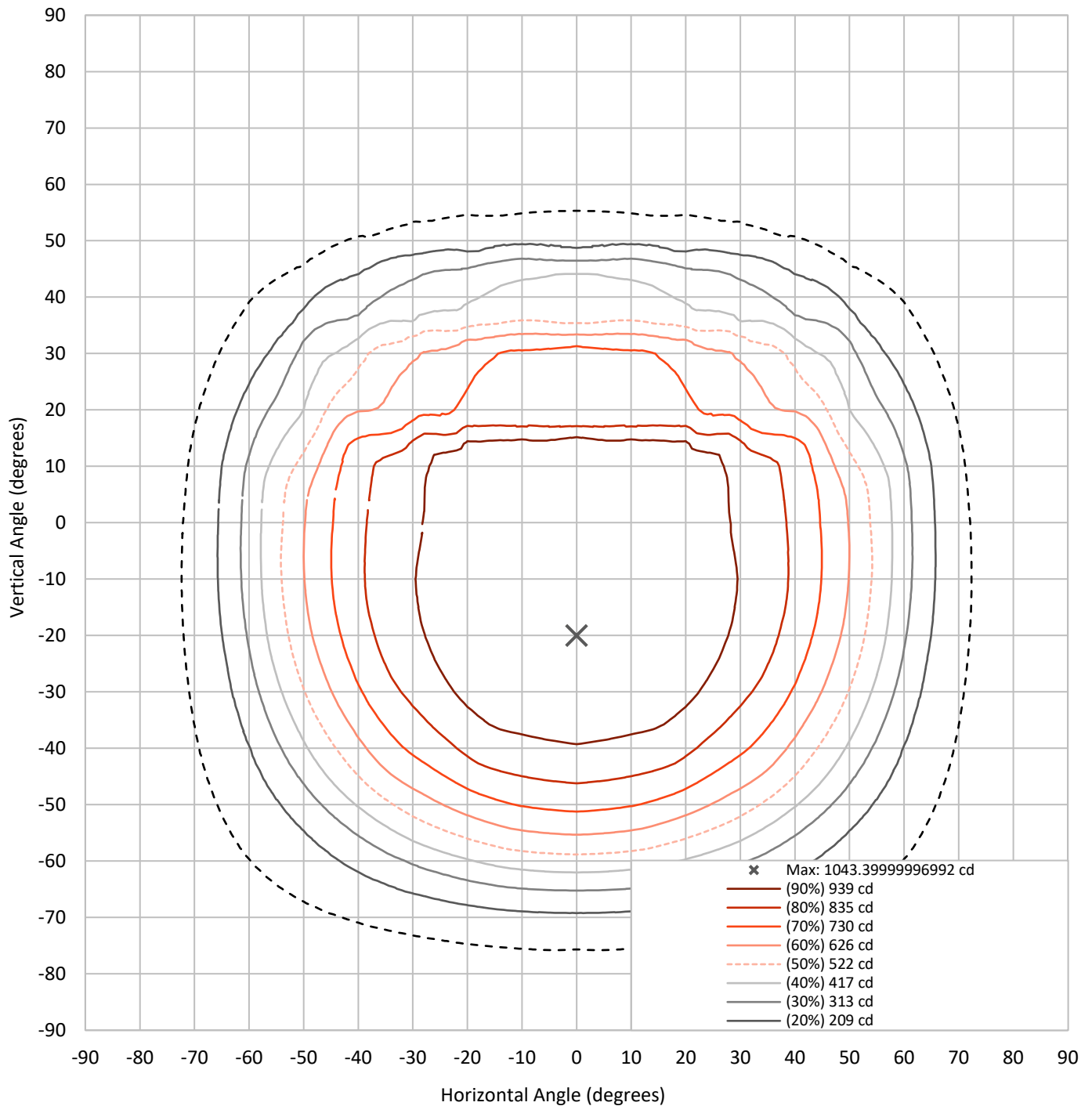
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2446.6 lumens	Max Intensity:	1043.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	73.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	1912.6 lumens	Field Lumens:	2398 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
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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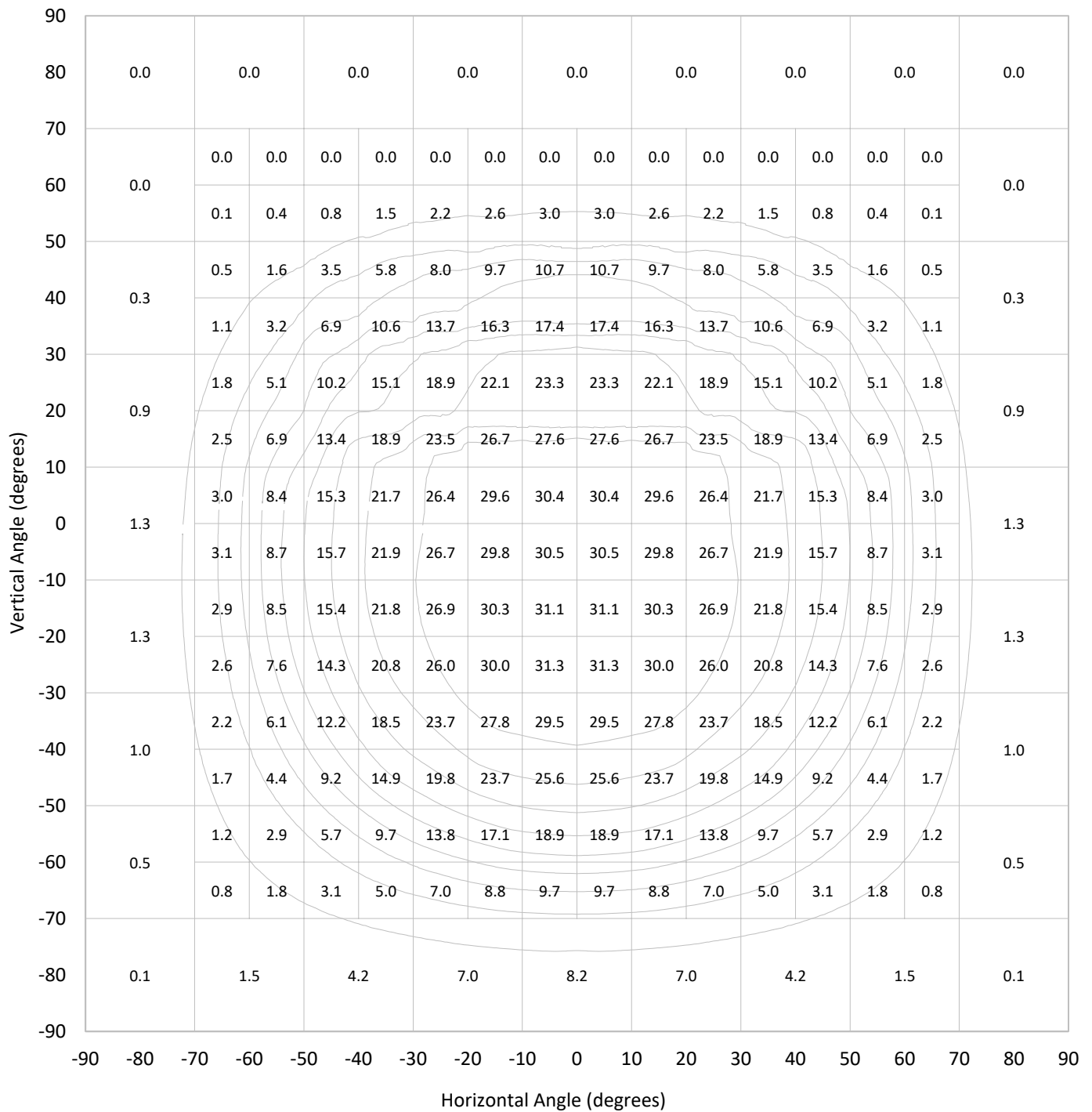
### Iso-Candela Plot





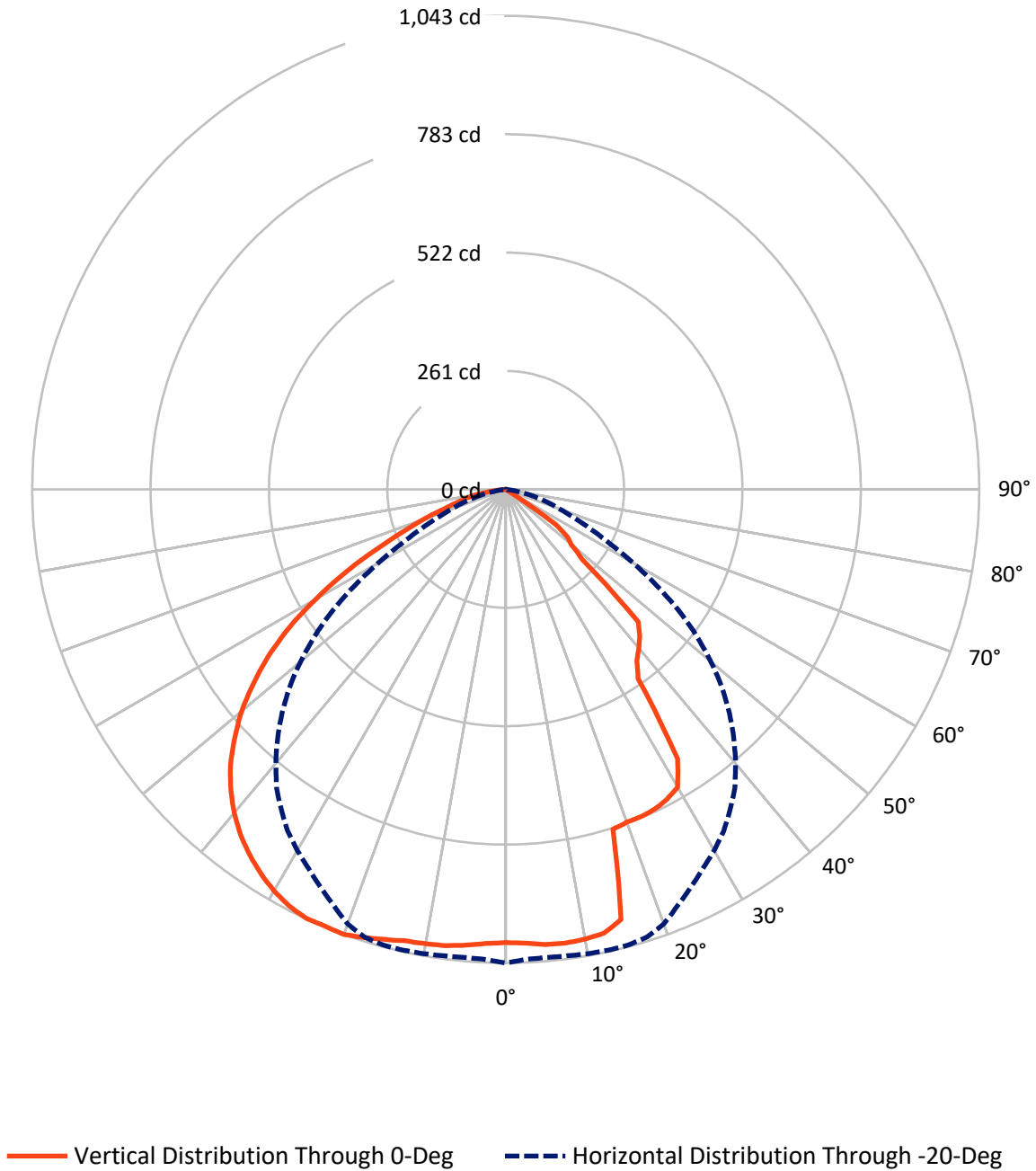
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### Lumen Table



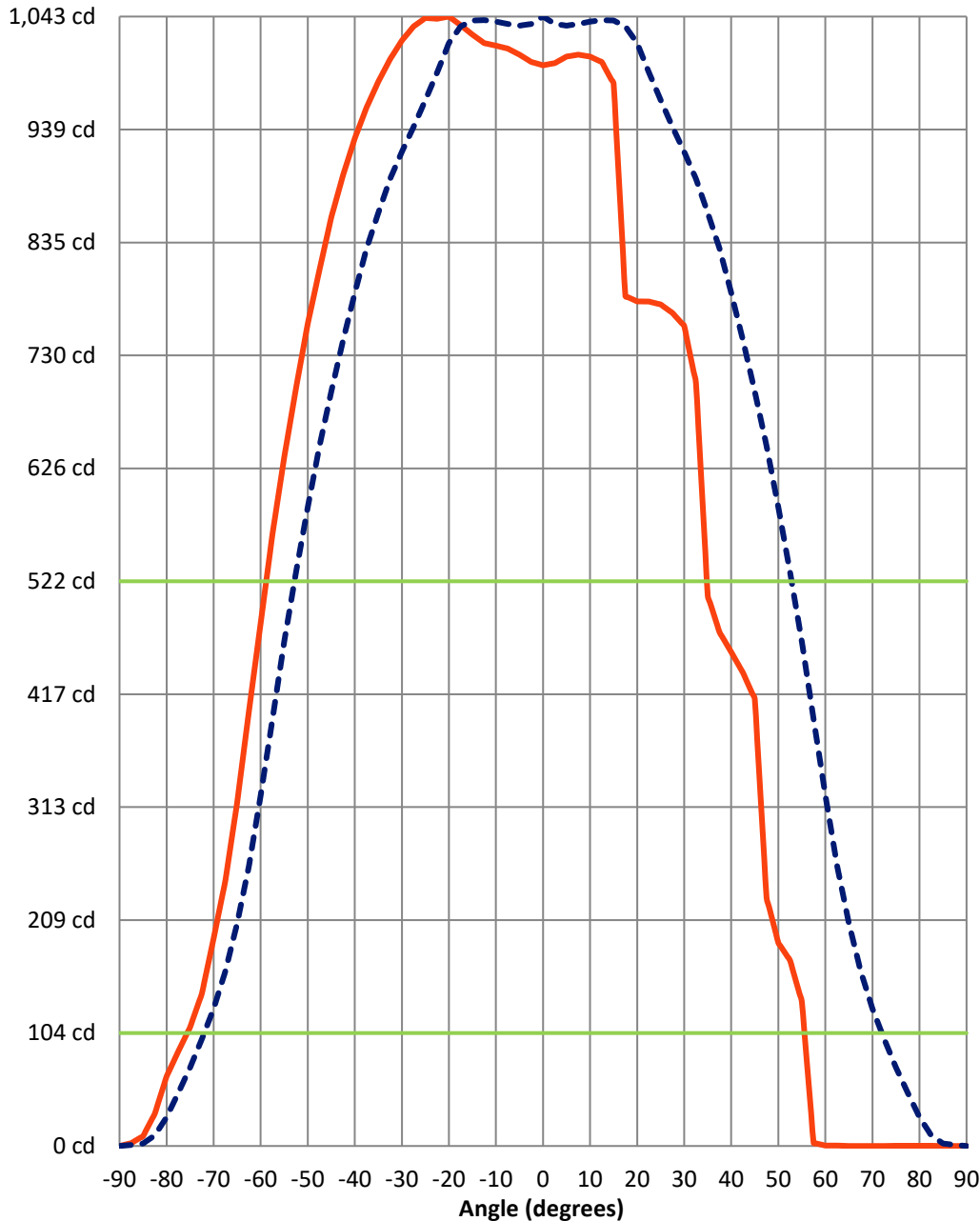
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 1912.6  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 2398  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 48.6  
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through -20-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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2
72.5°	0.0	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
70°	0.0	0.2	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3
67.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.5	0.5
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.4	0.6	0.7	0.8
62.5°	0.0	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.8	1.2	1.9
60°	0.0	0.3	0.4	0.5	0.6	0.9	0.8	0.8	1.0	3.1	3.3
57.5°	0.0	0.3	0.5	0.6	0.8	1.1	1.5	1.1	3.0	5.2	6.1
55°	0.0	0.3	0.5	0.6	1.0	1.3	2.4	1.9	5.6	8.1	9.9
52.5°	0.0	0.4	0.5	0.6	1.2	1.6	3.5	4.9	8.4	12.7	14.4
50°	0.0	0.4	0.6	0.7	1.4	2.8	4.7	8.2	12.1	17.9	22.4
47.5°	0.0	0.4	0.6	0.7	1.6	4.0	6.3	11.8	17.4	23.6	30.6
45°	0.0	0.4	0.6	0.9	1.8	5.3	9.5	15.5	23.4	30.7	38.6
42.5°	0.0	0.4	0.7	1.1	2.0	6.7	12.8	20.2	29.4	37.6	47.8
40°	0.0	0.5	0.7	1.3	2.7	8.2	16.2	25.5	35.6	44.4	57.7
37.5°	0.0	0.5	0.7	1.6	3.9	9.8	19.6	30.8	42.2	52.6	68.0
35°	0.0	0.5	0.7	1.9	5.1	12.1	23.1	36.1	48.8	62.6	80.2
32.5°	0.0	0.5	0.8	2.2	6.3	14.9	26.9	41.5	55.5	72.8	95.0
30°	0.0	0.5	0.8	2.5	7.5	17.6	31.2	46.8	62.3	82.9	109.2
27.5°	0.0	0.6	0.8	2.9	9.0	20.3	35.4	52.4	69.7	93.0	122.8
25°	0.0	0.6	0.9	3.3	10.5	22.9	39.5	57.9	78.2	104.1	135.7
22.5°	0.0	0.6	0.9	3.7	12.0	25.6	43.5	63.4	86.4	115.2	148.8
20°	0.0	0.6	0.9	4.1	13.5	28.5	47.4	68.7	94.5	125.6	161.6
17.5°	0.0	0.6	0.9	4.6	15.0	31.3	51.3	73.8	102.3	135.4	174.0
15°	0.0	0.6	1.0	5.0	16.4	34.0	54.9	78.6	109.7	144.5	185.9
12.5°	0.0	0.7	1.0	5.5	17.8	36.6	58.4	82.9	115.7	153.0	197.2
10°	0.0	0.7	1.0	5.9	19.1	39.0	61.6	86.9	120.2	158.0	206.5
7.5°	0.0	0.7	1.0	6.3	20.4	41.3	64.5	90.5	124.0	162.0	211.9
5°	0.0	0.7	1.1	6.7	21.6	43.4	67.2	93.7	127.1	165.1	216.2
2.5°	0.0	0.7	1.1	7.1	22.6	45.3	69.6	96.6	129.7	167.6	219.6
0°	0.0	0.7	1.1	7.4	23.6	47.0	71.7	99.1	131.7	169.3	221.9
-2.5°	0.0	0.7	1.3	7.9	24.5	48.1	72.7	100.6	132.4	171.5	223.4
-5°	0.0	0.8	1.4	8.3	25.3	48.9	73.5	101.6	132.7	172.9	223.9
-7.5°	0.0	0.8	1.6	8.7	25.9	49.5	74.0	102.3	132.5	173.5	223.4
-10°	0.0	0.8	1.8	9.0	26.4	49.9	74.2	102.6	131.9	173.2	222.0
-12.5°	0.0	0.9	1.9	9.3	26.7	50.1	74.2	102.4	131.0	171.8	219.5
-15°	0.0	0.9	2.1	9.5	26.8	50.0	73.9	101.8	129.9	169.1	216.0
-17.5°	0.0	0.9	2.2	9.7	26.8	49.7	73.4	100.6	128.7	165.6	211.4
-20°	0.0	0.9	2.3	9.8	26.6	49.2	72.5	98.8	126.9	161.6	205.7

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CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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	1.0	2.4	9.8	26.2	48.4	71.3	96.7	124.5	156.9	199.0
-25°	0.0	1.0	2.5	9.8	25.7	47.3	69.8	94.3	121.6	151.6	191.2
-27.5°	0.0	1.0	2.6	9.6	24.9	45.8	68.1	91.5	118.2	146.5	184.3
-30°	0.0	1.0	2.7	9.4	24.0	44.2	66.0	88.4	114.4	142.2	176.9
-32.5°	0.0	1.0	2.8	9.2	22.9	42.3	63.7	85.5	110.4	137.2	169.0
-35°	0.0	1.0	2.8	8.8	21.7	40.3	61.2	82.5	106.1	131.6	160.6
-37.5°	0.0	1.0	2.8	8.4	20.3	38.2	58.5	79.2	101.5	125.3	152.3
-40°	0.0	1.0	2.8	7.8	18.9	36.4	55.6	75.6	96.5	119.3	144.2
-42.5°	0.0	1.0	2.8	7.3	17.8	34.4	52.4	71.6	91.8	113.0	135.4
-45°	0.0	0.9	2.8	6.7	17.0	32.3	49.1	67.5	86.9	106.3	126.3
-47.5°	0.0	0.9	2.7	6.0	16.1	30.0	45.6	63.4	81.7	99.3	118.4
-50°	0.0	0.9	2.7	5.8	15.1	27.6	42.7	59.2	75.9	92.8	110.1
-52.5°	0.0	0.9	2.6	5.7	14.0	25.2	39.8	54.7	70.4	86.2	101.7
-55°	0.0	0.8	2.5	5.5	12.7	23.3	36.7	50.2	64.9	79.3	94.2
-57.5°	0.0	0.8	2.4	5.3	11.3	21.4	33.5	46.5	59.1	72.8	86.5
-60°	0.0	0.7	2.3	5.0	9.8	19.3	30.3	42.5	53.4	66.1	78.8
-62.5°	0.0	0.7	2.1	4.7	9.1	17.1	27.4	38.2	48.1	59.3	71.3
-65°	0.0	0.6	2.0	4.3	8.3	14.7	24.2	33.7	42.4	52.5	63.6
-67.5°	0.0	0.6	1.8	3.8	7.4	12.7	20.9	29.2	36.5	45.4	55.3
-70°	0.0	0.5	1.6	3.3	6.5	11.1	17.4	24.6	31.2	37.9	46.5
-72.5°	0.0	0.5	1.5	2.9	5.4	9.4	14.7	20.0	25.8	31.8	37.8
-75°	0.0	0.4	1.3	2.5	4.3	7.6	12.0	16.1	20.3	25.5	30.8
-77.5°	0.0	0.3	1.1	2.1	3.6	5.7	9.2	12.4	15.8	19.5	23.6
-80°	0.0	0.3	0.9	1.7	2.9	4.4	6.3	8.7	11.3	14.1	17.2
-82.5°	0.0	0.2	0.6	1.3	2.2	3.3	4.6	5.6	6.8	8.7	10.9
-85°	0.0	0.1	0.4	0.9	1.5	2.2	3.1	3.7	4.4	5.1	5.8
-87.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.6	1.9	2.2	2.6	2.9
-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: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
65°	0.4	0.3	0.5	0.6	0.4	0.4	0.3	0.3	0.3	0.3	0.3
62.5°	0.6	0.8	1.0	1.8	1.4	0.4	0.7	0.8	0.6	0.5	0.5
60°	2.1	1.5	4.4	6.2	3.9	1.4	1.7	5.8	5.0	0.9	3.2
57.5°	4.6	6.3	11.5	11.7	8.1	5.6	16.3	18.9	14.3	8.4	12.8
55°	10.1	15.4	19.1	17.7	19.4	29.3	34.8	31.3	26.4	40.6	51.9
52.5°	19.7	25.2	26.4	30.4	43.4	49.9	47.8	51.2	66.4	82.4	85.9
50°	29.0	33.5	37.1	53.6	63.8	64.5	69.3	84.3	104.6	114.4	112.0
47.5°	38.1	42.8	59.2	75.0	79.6	85.9	97.9	126.9	148.3	148.7	146.3
45°	47.7	60.2	81.1	91.4	98.9	111.1	139.8	179.9	181.9	187.7	223.5
42.5°	57.9	79.8	98.0	108.8	120.9	143.6	182.0	208.2	217.3	242.7	271.5
40°	74.5	98.8	114.7	128.5	144.0	177.2	219.2	243.8	251.1	273.2	294.9
37.5°	91.3	114.6	132.5	149.1	170.5	215.4	264.0	284.3	288.0	292.1	340.0
35°	107.6	130.9	152.2	173.9	200.3	264.8	307.3	326.4	325.8	353.1	403.2
32.5°	122.7	147.5	172.7	201.7	245.2	311.4	353.8	365.3	382.6	422.2	490.8
30°	137.9	166.0	194.9	229.5	284.7	342.0	390.5	408.9	438.6	483.8	533.7
27.5°	153.5	184.9	219.9	260.6	315.8	368.5	409.9	453.9	482.7	523.2	558.7
25°	169.0	205.0	244.7	287.7	338.1	387.1	430.0	480.8	511.7	544.4	577.5
22.5°	185.3	225.4	270.2	309.1	356.8	403.0	454.0	509.1	549.4	570.2	592.4
20°	202.3	247.4	295.2	338.4	375.3	417.7	478.1	545.0	597.1	620.4	623.5
17.5°	219.0	268.8	320.2	366.9	406.8	444.5	503.4	588.1	652.8	674.5	684.2
15°	235.4	289.4	345.0	394.7	438.4	484.5	547.5	633.6	707.6	731.6	746.8
12.5°	251.2	309.0	369.4	421.5	470.1	521.8	587.5	666.3	733.9	780.3	808.2
10°	266.2	327.4	393.1	447.3	501.4	556.4	620.6	690.7	745.7	790.5	830.1
7.5°	273.8	339.5	413.5	471.8	531.9	588.4	647.8	707.9	754.2	798.2	836.5
5°	279.0	344.5	419.9	480.3	548.1	609.7	667.4	719.3	759.8	803.3	840.8
2.5°	282.7	347.8	424.2	485.0	554.2	616.3	673.0	723.0	764.3	807.1	845.4
0°	284.9	349.3	426.4	487.9	558.0	620.6	676.3	724.4	767.4	808.9	850.1
-2.5°	286.2	354.0	427.9	495.3	561.7	624.3	680.9	727.8	772.8	812.2	853.6
-5°	286.0	356.8	427.5	500.2	563.5	625.8	683.2	729.4	775.7	814.7	855.0
-7.5°	284.5	357.4	425.6	501.8	563.5	625.3	682.2	730.2	775.7	817.1	855.1
-10°	281.7	354.9	423.8	497.7	561.4	622.8	679.1	728.5	773.9	816.6	854.3
-12.5°	278.5	349.7	420.0	492.0	557.0	618.0	674.4	724.4	770.5	813.1	852.6
-15°	273.6	342.8	413.9	484.6	550.3	611.1	668.3	717.5	765.3	807.0	847.6
-17.5°	267.0	334.2	405.3	475.8	541.3	602.2	660.6	708.5	756.0	799.2	838.3
-20°	258.7	324.0	394.2	465.9	529.9	590.1	646.7	696.9	744.1	788.0	829.2



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CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	248.6	312.3	380.8	452.5	515.6	575.1	631.1	682.1	731.0	773.4	817.3
-25°	238.6	300.0	365.9	434.0	499.0	558.3	614.4	664.2	714.1	758.2	799.9
-27.5°	229.0	285.6	348.7	413.5	480.2	539.2	594.8	644.6	693.1	741.4	781.5
-30°	218.2	269.0	329.8	391.8	456.8	516.8	572.8	624.5	670.7	718.3	761.4
-32.5°	206.2	251.4	309.8	369.4	430.8	492.1	547.6	598.9	646.9	692.0	737.2
-35°	194.6	237.2	288.7	345.5	403.2	463.4	518.9	569.7	619.5	664.2	707.4
-37.5°	184.1	221.8	266.2	320.5	375.6	432.6	489.0	538.2	585.6	634.7	676.9
-40°	172.7	205.3	246.7	294.7	346.7	400.8	454.9	505.8	550.3	598.9	645.2
-42.5°	160.9	191.8	227.5	267.4	316.5	367.5	419.7	469.5	515.8	561.6	607.5
-45°	150.5	177.6	208.0	244.4	284.4	332.4	381.8	431.4	475.9	519.5	564.9
-47.5°	139.4	163.3	191.4	220.5	255.2	295.4	341.9	387.6	433.1	474.6	514.7
-50°	128.4	150.4	173.5	199.7	228.4	260.9	299.5	342.1	383.6	426.2	466.0
-52.5°	118.9	136.8	157.7	179.6	204.1	231.1	262.0	296.9	334.7	370.8	410.5
-55°	109.0	125.2	142.0	161.3	181.7	204.5	229.8	259.2	288.0	321.4	353.8
-57.5°	100.0	113.7	128.0	143.9	161.7	179.9	202.0	224.9	251.0	277.0	302.7
-60°	91.6	102.7	114.9	128.3	142.6	158.8	175.3	195.0	216.0	236.8	258.5
-62.5°	83.0	92.4	102.3	113.5	125.9	138.2	152.3	167.4	182.9	200.5	217.6
-65°	74.2	81.8	90.2	99.5	109.4	119.9	130.7	141.9	155.1	167.9	180.4
-67.5°	64.9	71.4	78.2	85.5	93.8	102.0	110.2	119.7	129.4	138.9	148.8
-70°	54.6	60.7	66.4	72.3	78.5	84.9	91.9	98.8	105.7	112.8	120.7
-72.5°	44.1	49.7	54.7	59.0	64.1	69.5	74.6	79.4	84.6	90.0	95.4
-75°	35.2	38.9	43.3	47.4	51.4	55.2	58.6	62.7	67.0	70.9	74.2
-77.5°	27.5	30.8	33.9	36.6	39.8	43.6	46.8	49.7	52.4	55.4	58.6
-80°	20.0	22.8	25.5	28.1	29.9	32.0	34.6	37.4	39.9	41.9	43.8
-82.5°	12.9	14.9	17.0	19.1	19.9	20.5	21.1	22.1	23.6	25.1	26.6
-85°	6.4	7.0	8.2	9.5	10.0	10.3	10.6	10.7	11.2	11.7	12.1
-87.5°	3.2	3.5	3.8	4.1	3.9	3.7	3.5	3.2	3.1	3.0	2.9
-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: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
65°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1
62.5°	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.4
60°	3.5	2.1	1.2	1.4	1.3	0.9	1.1	1.3	1.3	1.2	1.0
57.5°	19.4	14.5	10.7	25.6	25.6	12.2	14.7	23.2	19.1	6.3	5.8
55°	53.9	64.4	84.8	80.5	81.8	94.1	102.8	91.0	89.2	95.1	109.8
52.5°	96.7	106.8	113.7	120.1	127.9	136.3	144.9	150.4	155.6	161.1	164.3
50°	123.6	137.7	147.5	143.9	164.1	172.4	164.0	171.5	180.6	183.2	184.3
47.5°	182.4	203.3	207.4	220.8	232.9	232.6	222.4	223.0	250.2	274.2	286.0
45°	262.2	262.9	276.0	299.7	316.6	311.3	325.6	358.0	368.8	379.3	387.9
42.5°	293.3	306.2	327.1	348.0	360.6	371.5	382.1	394.0	408.1	419.4	428.5
40°	323.4	333.8	355.2	372.0	382.5	392.7	405.0	418.2	431.0	441.0	447.9
37.5°	369.7	377.8	383.0	398.6	418.4	409.2	432.6	449.4	457.1	467.2	468.1
35°	439.8	434.4	427.5	489.8	493.5	472.5	494.3	520.3	506.7	535.2	550.5
32.5°	501.9	501.1	555.5	588.2	569.4	584.7	635.1	632.9	666.5	682.1	677.6
30°	560.4	580.4	611.8	636.2	639.5	663.7	686.1	705.7	726.0	744.1	745.4
27.5°	590.1	616.2	637.5	651.6	667.4	687.8	708.1	730.2	747.4	758.8	761.6
25°	608.1	634.7	650.9	666.1	683.4	701.0	723.8	747.8	761.7	768.7	771.0
22.5°	623.9	647.9	665.2	677.5	696.3	715.2	736.4	756.8	771.8	774.9	776.0
20°	639.2	662.2	691.2	709.3	708.4	729.8	750.2	766.4	778.9	778.9	779.2
17.5°	683.3	691.5	744.2	784.1	764.3	753.9	810.1	811.2	814.5	807.9	793.5
15°	748.6	763.6	828.2	871.6	857.9	857.3	938.4	918.2	935.6	931.0	950.5
12.5°	817.8	835.5	883.8	926.4	946.7	951.7	978.8	1004.1	1009.4	1007.3	1003.5
10°	865.0	890.2	909.6	935.4	955.9	976.7	992.4	1010.7	1016.6	1013.2	1008.3
7.5°	871.1	896.0	918.8	941.5	960.9	977.7	994.0	1008.9	1015.0	1013.0	1009.6
5°	875.0	897.6	919.7	942.7	961.3	976.8	993.1	1008.2	1011.7	1009.3	1006.0
2.5°	877.5	898.3	919.6	942.5	959.4	974.2	990.7	1006.7	1006.7	1005.6	1003.7
0°	878.6	899.5	924.2	945.0	963.9	977.9	994.2	1009.8	1008.7	1005.8	1002.4
-2.5°	881.1	902.3	927.5	944.7	966.1	978.9	995.8	1009.2	1008.7	1007.3	1005.6
-5°	883.3	907.2	930.8	948.8	970.3	987.0	1003.8	1014.3	1014.9	1012.9	1010.1
-7.5°	884.7	911.2	933.7	951.8	972.6	992.1	1009.0	1020.1	1020.4	1017.7	1014.4
-10°	884.2	912.2	935.4	954.1	975.3	994.6	1012.3	1026.4	1026.0	1023.5	1020.6
-12.5°	882.5	910.5	934.3	953.0	977.1	997.1	1017.0	1031.0	1031.7	1029.8	1026.7
-15°	878.9	907.7	930.8	951.3	975.0	998.3	1018.7	1034.2	1036.9	1035.3	1032.9
-17.5°	871.6	902.0	926.6	948.7	971.4	996.2	1019.4	1036.3	1040.1	1039.5	1037.4
-20°	862.1	893.4	918.4	941.6	966.3	991.8	1018.9	1034.3	1039.7	1040.1	1038.7

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REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	851.4	882.1	908.5	931.4	958.1	984.0	1008.5	1026.5	1035.7	1037.4	1037.5
-25°	838.6	870.1	896.4	920.7	945.6	972.3	997.1	1017.2	1026.5	1030.9	1032.3
-27.5°	820.5	853.1	878.9	904.5	929.9	957.5	983.5	1005.5	1013.0	1019.1	1021.5
-30°	799.2	831.5	857.8	881.3	910.3	938.4	965.3	984.4	995.8	1002.7	1006.5
-32.5°	774.8	807.4	835.0	859.5	887.0	915.1	940.5	960.6	976.3	984.4	988.4
-35°	748.3	781.6	810.5	836.3	862.3	889.0	915.2	936.3	954.2	961.1	966.2
-37.5°	716.4	753.1	782.8	809.4	834.0	859.2	886.5	910.6	928.0	934.7	940.0
-40°	683.6	719.0	749.0	777.4	801.8	829.2	855.5	880.8	895.9	903.7	909.8
-42.5°	649.1	681.1	709.5	737.1	764.2	792.5	818.8	845.0	858.1	867.5	875.0
-45°	609.2	638.9	666.6	692.4	720.4	748.2	774.5	797.7	813.2	825.5	835.1
-47.5°	556.0	592.2	620.0	644.5	672.2	699.1	724.6	746.4	763.4	777.8	788.9
-50°	501.9	536.7	568.1	595.6	621.3	646.1	670.4	691.8	709.8	725.4	736.6
-52.5°	448.7	481.3	512.4	540.9	565.6	589.0	611.2	632.7	651.7	668.4	679.2
-55°	388.5	422.3	453.1	479.6	504.3	527.5	549.4	569.8	588.5	605.4	615.9
-57.5°	332.1	361.8	390.4	414.9	438.2	460.3	481.0	500.5	518.5	534.5	544.6
-60°	280.3	301.9	326.5	349.1	369.8	388.6	408.0	426.2	442.7	456.7	466.1
-62.5°	234.5	252.4	270.2	287.3	304.1	320.9	337.2	352.3	366.1	377.6	385.8
-65°	193.6	208.0	220.9	233.1	244.7	258.0	270.3	281.9	292.7	301.5	307.7
-67.5°	159.4	169.5	178.4	186.8	196.0	205.4	214.2	221.8	228.4	233.6	237.8
-70°	128.5	136.0	142.7	149.4	156.1	162.2	168.0	173.7	179.0	183.4	186.6
-72.5°	100.7	105.7	110.3	115.5	120.3	124.9	129.0	132.2	134.7	137.2	139.3
-75°	76.7	80.6	85.7	90.1	93.7	96.9	99.8	102.4	104.7	106.7	108.5
-77.5°	61.8	65.0	68.3	71.4	74.5	76.8	78.9	81.0	83.1	84.9	86.5
-80°	45.7	48.2	50.7	53.2	55.8	57.0	58.1	59.0	59.8	60.9	61.9
-82.5°	28.0	29.3	30.8	32.2	33.6	34.0	34.1	34.0	33.8	33.5	32.9
-85°	12.4	12.5	12.5	12.4	12.1	11.6	11.0	10.3	9.5	9.4	9.2
-87.5°	2.7	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.5	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



REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.1	0.1	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
60°	0.8	0.5	0.4	0.4	0.4	0.5	0.8	1.0	1.2	1.3	1.3
57.5°	4.9	3.6	3.1	2.9	3.1	3.6	4.9	5.8	6.3	19.1	23.2
55°	120.4	126.5	131.1	133.2	131.1	126.5	120.4	109.8	95.1	89.2	91.0
52.5°	167.2	169.8	171.3	171.3	171.3	169.8	167.2	164.3	161.1	155.6	150.4
50°	186.3	187.6	188.1	187.8	188.1	187.6	186.3	184.3	183.2	180.6	171.5
47.5°	275.2	251.4	233.9	229.7	233.9	251.4	275.2	286.0	274.2	250.2	223.0
45°	391.9	401.0	410.0	412.8	410.0	401.0	391.9	387.9	379.3	368.8	358.0
42.5°	432.4	435.3	437.0	437.1	437.0	435.3	432.4	428.5	419.4	408.1	394.0
40°	451.7	454.5	456.1	456.2	456.1	454.5	451.7	447.9	441.0	431.0	418.2
37.5°	469.2	471.6	473.1	474.7	473.1	471.6	469.2	468.1	467.2	457.1	449.4
35°	548.4	530.5	504.6	508.6	504.6	530.5	548.4	550.5	535.2	506.7	520.3
32.5°	684.6	692.1	696.8	704.8	696.8	692.1	684.6	677.6	682.1	666.5	632.9
30°	747.4	749.9	753.6	757.6	753.6	749.9	747.4	745.4	744.1	726.0	705.7
27.5°	763.1	765.6	767.9	769.6	767.9	765.6	763.1	761.6	758.8	747.4	730.2
25°	771.3	772.9	775.3	777.4	775.3	772.9	771.3	771.0	768.7	761.7	747.8
22.5°	775.3	775.5	777.4	780.1	777.4	775.5	775.3	776.0	774.9	771.8	756.8
20°	778.2	776.6	778.6	780.3	778.6	776.6	778.2	779.2	778.9	778.9	766.4
17.5°	813.8	793.4	785.1	785.2	785.1	793.4	813.8	793.5	807.9	814.5	811.2
15°	928.6	936.3	965.5	981.3	965.5	936.3	928.6	950.5	931.0	935.6	918.2
12.5°	1002.8	1000.1	996.6	1001.3	996.6	1000.1	1002.8	1003.5	1007.3	1009.4	1004.1
10°	1006.2	1005.9	999.7	1006.4	999.7	1005.9	1006.2	1008.3	1013.2	1016.6	1010.7
7.5°	1004.1	1004.3	1001.6	1008.2	1001.6	1004.3	1004.1	1009.6	1013.0	1015.0	1008.9
5°	1005.5	1001.0	1002.7	1006.4	1002.7	1001.0	1005.5	1006.0	1009.3	1011.7	1008.2
2.5°	1001.6	1001.2	997.8	1000.4	997.8	1001.2	1001.6	1003.7	1005.6	1006.7	1006.7
0°	998.7	996.2	996.2	998.4	996.2	996.2	998.7	1002.4	1005.8	1008.7	1009.8
-2.5°	1003.9	1003.4	1003.1	1001.5	1003.1	1003.4	1003.9	1005.6	1007.3	1008.7	1009.2
-5°	1008.2	1007.0	1003.3	1008.2	1003.3	1007.0	1008.2	1010.1	1012.9	1014.9	1014.3
-7.5°	1012.9	1009.5	1006.1	1013.8	1006.1	1009.5	1012.9	1014.4	1017.7	1020.4	1020.1
-10°	1017.2	1012.3	1008.9	1016.5	1008.9	1012.3	1017.2	1020.6	1023.5	1026.0	1026.4
-12.5°	1022.8	1017.1	1014.8	1018.9	1014.8	1017.1	1022.8	1026.7	1029.8	1031.7	1031.0
-15°	1028.8	1024.8	1024.3	1026.7	1024.3	1024.8	1028.8	1032.9	1035.3	1036.9	1034.2
-17.5°	1034.1	1031.2	1032.6	1035.4	1032.6	1031.2	1034.1	1037.4	1039.5	1040.1	1036.3
-20°	1036.6	1035.0	1036.6	1043.4	1036.6	1035.0	1036.6	1038.7	1040.1	1039.7	1034.3

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REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1036.4	1036.5	1039.2	1041.4	1039.2	1036.5	1036.4	1037.5	1037.4	1035.7	1026.5
-25°	1032.4	1034.5	1037.6	1042.1	1037.6	1034.5	1032.4	1032.3	1030.9	1026.5	1017.2
-27.5°	1022.9	1026.3	1029.6	1034.3	1029.6	1026.3	1022.9	1021.5	1019.1	1013.0	1005.5
-30°	1009.1	1013.2	1016.1	1021.2	1016.1	1013.2	1009.1	1006.5	1002.7	995.8	984.4
-32.5°	992.3	997.0	1000.4	1004.0	1000.4	997.0	992.3	988.4	984.4	976.3	960.6
-35°	971.3	976.3	980.0	983.3	980.0	976.3	971.3	966.2	961.1	954.2	936.3
-37.5°	946.1	951.5	955.7	959.4	955.7	951.5	946.1	940.0	934.7	928.0	910.6
-40°	916.8	922.3	926.7	930.9	926.7	922.3	916.8	909.8	903.7	895.9	880.8
-42.5°	882.4	888.0	892.6	896.8	892.6	888.0	882.4	875.0	867.5	858.1	845.0
-45°	842.8	848.6	853.4	857.9	853.4	848.6	842.8	835.1	825.5	813.2	797.7
-47.5°	797.1	803.3	807.5	809.5	807.5	803.3	797.1	788.9	777.8	763.4	746.4
-50°	744.8	750.9	755.9	759.6	755.9	750.9	744.8	736.6	725.4	709.8	691.8
-52.5°	687.2	693.1	697.3	699.9	697.3	693.1	687.2	679.2	668.4	651.7	632.7
-55°	624.1	630.2	634.3	636.2	634.3	630.2	624.1	615.9	605.4	588.5	569.8
-57.5°	552.5	558.4	562.7	565.2	562.7	558.4	552.5	544.6	534.5	518.5	500.5
-60°	473.4	478.6	481.9	483.2	481.9	478.6	473.4	466.1	456.7	442.7	426.2
-62.5°	392.4	397.4	400.4	401.6	400.4	397.4	392.4	385.8	377.6	366.1	352.3
-65°	312.4	315.5	317.2	317.4	317.2	315.5	312.4	307.7	301.5	292.7	281.9
-67.5°	241.0	243.4	244.8	245.3	244.8	243.4	241.0	237.8	233.6	228.4	221.8
-70°	189.1	190.7	191.6	191.8	191.6	190.7	189.1	186.6	183.4	179.0	173.7
-72.5°	141.0	142.1	141.7	140.8	141.7	142.1	141.0	139.3	137.2	134.7	132.2
-75°	110.0	111.2	110.7	109.8	110.7	111.2	110.0	108.5	106.7	104.7	102.4
-77.5°	87.9	89.1	88.5	87.5	88.5	89.1	87.9	86.5	84.9	83.1	81.0
-80°	62.7	63.4	63.9	64.2	63.9	63.4	62.7	61.9	60.9	59.8	59.0
-82.5°	32.1	31.2	30.6	29.9	30.6	31.2	32.1	32.9	33.5	33.8	34.0
-85°	9.1	8.9	9.0	9.1	9.0	8.9	9.1	9.2	9.4	9.5	10.3
-87.5°	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.4	2.4
-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: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.8
60°	1.1	0.9	1.3	1.4	1.2	2.1	3.5	3.2	0.9	5.0	5.8
57.5°	14.7	12.2	25.6	25.6	10.7	14.5	19.4	12.8	8.4	14.3	18.9
55°	102.8	94.1	81.8	80.5	84.8	64.4	53.9	51.9	40.6	26.4	31.3
52.5°	144.9	136.3	127.9	120.1	113.7	106.8	96.7	85.9	82.4	66.4	51.2
50°	164.0	172.4	164.1	143.9	147.5	137.7	123.6	112.0	114.4	104.6	84.3
47.5°	222.4	232.6	232.9	220.8	207.4	203.3	182.4	146.3	148.7	148.3	126.9
45°	325.6	311.3	316.6	299.7	276.0	262.9	262.2	223.5	187.7	181.9	179.9
42.5°	382.1	371.5	360.6	348.0	327.1	306.2	293.3	271.5	242.7	217.3	208.2
40°	405.0	392.7	382.5	372.0	355.2	333.8	323.4	294.9	273.2	251.1	243.8
37.5°	432.6	409.2	418.4	398.6	383.0	377.8	369.7	340.0	292.1	288.0	284.3
35°	494.3	472.5	493.5	489.8	427.5	434.4	439.8	403.2	353.1	325.8	326.4
32.5°	635.1	584.7	569.4	588.2	555.5	501.1	501.9	490.8	422.2	382.6	365.3
30°	686.1	663.7	639.5	636.2	611.8	580.4	560.4	533.7	483.8	438.6	408.9
27.5°	708.1	687.8	667.4	651.6	637.5	616.2	590.1	558.7	523.2	482.7	453.9
25°	723.8	701.0	683.4	666.1	650.9	634.7	608.1	577.5	544.4	511.7	480.8
22.5°	736.4	715.2	696.3	677.5	665.2	647.9	623.9	592.4	570.2	549.4	509.1
20°	750.2	729.8	708.4	709.3	691.2	662.2	639.2	623.5	620.4	597.1	545.0
17.5°	810.1	753.9	764.3	784.1	744.2	691.5	683.3	684.2	674.5	652.8	588.1
15°	938.4	857.3	857.9	871.6	828.2	763.6	748.6	746.8	731.6	707.6	633.6
12.5°	978.8	951.7	946.7	926.4	883.8	835.5	817.8	808.2	780.3	733.9	666.3
10°	992.4	976.7	955.9	935.4	909.6	890.2	865.0	830.1	790.5	745.7	690.7
7.5°	994.0	977.7	960.9	941.5	918.8	896.0	871.1	836.5	798.2	754.2	707.9
5°	993.1	976.8	961.3	942.7	919.7	897.6	875.0	840.8	803.3	759.8	719.3
2.5°	990.7	974.2	959.4	942.5	919.6	898.3	877.5	845.4	807.1	764.3	723.0
0°	994.2	977.9	963.9	945.0	924.2	899.5	878.6	850.1	808.9	767.4	724.4
-2.5°	995.8	978.9	966.1	944.7	927.5	902.3	881.1	853.6	812.2	772.8	727.8
-5°	1003.8	987.0	970.3	948.8	930.8	907.2	883.3	855.0	814.7	775.7	729.4
-7.5°	1009.0	992.1	972.6	951.8	933.7	911.2	884.7	855.1	817.1	775.7	730.2
-10°	1012.3	994.6	975.3	954.1	935.4	912.2	884.2	854.3	816.6	773.9	728.5
-12.5°	1017.0	997.1	977.1	953.0	934.3	910.5	882.5	852.6	813.1	770.5	724.4
-15°	1018.7	998.3	975.0	951.3	930.8	907.7	878.9	847.6	807.0	765.3	717.5
-17.5°	1019.4	996.2	971.4	948.7	926.6	902.0	871.6	838.3	799.2	756.0	708.5
-20°	1018.9	991.8	966.3	941.6	918.4	893.4	862.1	829.2	788.0	744.1	696.9



Classified

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

Scaled Data Report



REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1008.5	984.0	958.1	931.4	908.5	882.1	851.4	817.3	773.4	731.0	682.1
-25°	997.1	972.3	945.6	920.7	896.4	870.1	838.6	799.9	758.2	714.1	664.2
-27.5°	983.5	957.5	929.9	904.5	878.9	853.1	820.5	781.5	741.4	693.1	644.6
-30°	965.3	938.4	910.3	881.3	857.8	831.5	799.2	761.4	718.3	670.7	624.5
-32.5°	940.5	915.1	887.0	859.5	835.0	807.4	774.8	737.2	692.0	646.9	598.9
-35°	915.2	889.0	862.3	836.3	810.5	781.6	748.3	707.4	664.2	619.5	569.7
-37.5°	886.5	859.2	834.0	809.4	782.8	753.1	716.4	676.9	634.7	585.6	538.2
-40°	855.5	829.2	801.8	777.4	749.0	719.0	683.6	645.2	598.9	550.3	505.8
-42.5°	818.8	792.5	764.2	737.1	709.5	681.1	649.1	607.5	561.6	515.8	469.5
-45°	774.5	748.2	720.4	692.4	666.6	638.9	609.2	564.9	519.5	475.9	431.4
-47.5°	724.6	699.1	672.2	644.5	620.0	592.2	556.0	514.7	474.6	433.1	387.6
-50°	670.4	646.1	621.3	595.6	568.1	536.7	501.9	466.0	426.2	383.6	342.1
-52.5°	611.2	589.0	565.6	540.9	512.4	481.3	448.7	410.5	370.8	334.7	296.9
-55°	549.4	527.5	504.3	479.6	453.1	422.3	388.5	353.8	321.4	288.0	259.2
-57.5°	481.0	460.3	438.2	414.9	390.4	361.8	332.1	302.7	277.0	251.0	224.9
-60°	408.0	388.6	369.8	349.1	326.5	301.9	280.3	258.5	236.8	216.0	195.0
-62.5°	337.2	320.9	304.1	287.3	270.2	252.4	234.5	217.6	200.5	182.9	167.4
-65°	270.3	258.0	244.7	233.1	220.9	208.0	193.6	180.4	167.9	155.1	141.9
-67.5°	214.2	205.4	196.0	186.8	178.4	169.5	159.4	148.8	138.9	129.4	119.7
-70°	168.0	162.2	156.1	149.4	142.7	136.0	128.5	120.7	112.8	105.7	98.8
-72.5°	129.0	124.9	120.3	115.5	110.3	105.7	100.7	95.4	90.0	84.6	79.4
-75°	99.8	96.9	93.7	90.1	85.7	80.6	76.7	74.2	70.9	67.0	62.7
-77.5°	78.9	76.8	74.5	71.4	68.3	65.0	61.8	58.6	55.4	52.4	49.7
-80°	58.1	57.0	55.8	53.2	50.7	48.2	45.7	43.8	41.9	39.9	37.4
-82.5°	34.1	34.0	33.6	32.2	30.8	29.3	28.0	26.6	25.1	23.6	22.1
-85°	11.0	11.6	12.1	12.4	12.5	12.5	12.4	12.1	11.7	11.2	10.7
-87.5°	2.4	2.4	2.4	2.5	2.6	2.7	2.7	2.9	3.0	3.1	3.2
-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: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
72.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4
70°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.3	0.4
65°	0.3	0.4	0.4	0.6	0.5	0.3	0.4	0.8	0.7	0.6	0.4
62.5°	0.7	0.4	1.4	1.8	1.0	0.8	0.6	1.9	1.2	0.8	0.6
60°	1.7	1.4	3.9	6.2	4.4	1.5	2.1	3.3	3.1	1.0	0.8
57.5°	16.3	5.6	8.1	11.7	11.5	6.3	4.6	6.1	5.2	3.0	1.1
55°	34.8	29.3	19.4	17.7	19.1	15.4	10.1	9.9	8.1	5.6	1.9
52.5°	47.8	49.9	43.4	30.4	26.4	25.2	19.7	14.4	12.7	8.4	4.9
50°	69.3	64.5	63.8	53.6	37.1	33.5	29.0	22.4	17.9	12.1	8.2
47.5°	97.9	85.9	79.6	75.0	59.2	42.8	38.1	30.6	23.6	17.4	11.8
45°	139.8	111.1	98.9	91.4	81.1	60.2	47.7	38.6	30.7	23.4	15.5
42.5°	182.0	143.6	120.9	108.8	98.0	79.8	57.9	47.8	37.6	29.4	20.2
40°	219.2	177.2	144.0	128.5	114.7	98.8	74.5	57.7	44.4	35.6	25.5
37.5°	264.0	215.4	170.5	149.1	132.5	114.6	91.3	68.0	52.6	42.2	30.8
35°	307.3	264.8	200.3	173.9	152.2	130.9	107.6	80.2	62.6	48.8	36.1
32.5°	353.8	311.4	245.2	201.7	172.7	147.5	122.7	95.0	72.8	55.5	41.5
30°	390.5	342.0	284.7	229.5	194.9	166.0	137.9	109.2	82.9	62.3	46.8
27.5°	409.9	368.5	315.8	260.6	219.9	184.9	153.5	122.8	93.0	69.7	52.4
25°	430.0	387.1	338.1	287.7	244.7	205.0	169.0	135.7	104.1	78.2	57.9
22.5°	454.0	403.0	356.8	309.1	270.2	225.4	185.3	148.8	115.2	86.4	63.4
20°	478.1	417.7	375.3	338.4	295.2	247.4	202.3	161.6	125.6	94.5	68.7
17.5°	503.4	444.5	406.8	366.9	320.2	268.8	219.0	174.0	135.4	102.3	73.8
15°	547.5	484.5	438.4	394.7	345.0	289.4	235.4	185.9	144.5	109.7	78.6
12.5°	587.5	521.8	470.1	421.5	369.4	309.0	251.2	197.2	153.0	115.7	82.9
10°	620.6	556.4	501.4	447.3	393.1	327.4	266.2	206.5	158.0	120.2	86.9
7.5°	647.8	588.4	531.9	471.8	413.5	339.5	273.8	211.9	162.0	124.0	90.5
5°	667.4	609.7	548.1	480.3	419.9	344.5	279.0	216.2	165.1	127.1	93.7
2.5°	673.0	616.3	554.2	485.0	424.2	347.8	282.7	219.6	167.6	129.7	96.6
0°	676.3	620.6	558.0	487.9	426.4	349.3	284.9	221.9	169.3	131.7	99.1
-2.5°	680.9	624.3	561.7	495.3	427.9	354.0	286.2	223.4	171.5	132.4	100.6
-5°	683.2	625.8	563.5	500.2	427.5	356.8	286.0	223.9	172.9	132.7	101.6
-7.5°	682.2	625.3	563.5	501.8	425.6	357.4	284.5	223.4	173.5	132.5	102.3
-10°	679.1	622.8	561.4	497.7	423.8	354.9	281.7	222.0	173.2	131.9	102.6
-12.5°	674.4	618.0	557.0	492.0	420.0	349.7	278.5	219.5	171.8	131.0	102.4
-15°	668.3	611.1	550.3	484.6	413.9	342.8	273.6	216.0	169.1	129.9	101.8
-17.5°	660.6	602.2	541.3	475.8	405.3	334.2	267.0	211.4	165.6	128.7	100.6
-20°	646.7	590.1	529.9	465.9	394.2	324.0	258.7	205.7	161.6	126.9	98.8



REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	631.1	575.1	515.6	452.5	380.8	312.3	248.6	199.0	156.9	124.5	96.7
-25°	614.4	558.3	499.0	434.0	365.9	300.0	238.6	191.2	151.6	121.6	94.3
-27.5°	594.8	539.2	480.2	413.5	348.7	285.6	229.0	184.3	146.5	118.2	91.5
-30°	572.8	516.8	456.8	391.8	329.8	269.0	218.2	176.9	142.2	114.4	88.4
-32.5°	547.6	492.1	430.8	369.4	309.8	251.4	206.2	169.0	137.2	110.4	85.5
-35°	518.9	463.4	403.2	345.5	288.7	237.2	194.6	160.6	131.6	106.1	82.5
-37.5°	489.0	432.6	375.6	320.5	266.2	221.8	184.1	152.3	125.3	101.5	79.2
-40°	454.9	400.8	346.7	294.7	246.7	205.3	172.7	144.2	119.3	96.5	75.6
-42.5°	419.7	367.5	316.5	267.4	227.5	191.8	160.9	135.4	113.0	91.8	71.6
-45°	381.8	332.4	284.4	244.4	208.0	177.6	150.5	126.3	106.3	86.9	67.5
-47.5°	341.9	295.4	255.2	220.5	191.4	163.3	139.4	118.4	99.3	81.7	63.4
-50°	299.5	260.9	228.4	199.7	173.5	150.4	128.4	110.1	92.8	75.9	59.2
-52.5°	262.0	231.1	204.1	179.6	157.7	136.8	118.9	101.7	86.2	70.4	54.7
-55°	229.8	204.5	181.7	161.3	142.0	125.2	109.0	94.2	79.3	64.9	50.2
-57.5°	202.0	179.9	161.7	143.9	128.0	113.7	100.0	86.5	72.8	59.1	46.5
-60°	175.3	158.8	142.6	128.3	114.9	102.7	91.6	78.8	66.1	53.4	42.5
-62.5°	152.3	138.2	125.9	113.5	102.3	92.4	83.0	71.3	59.3	48.1	38.2
-65°	130.7	119.9	109.4	99.5	90.2	81.8	74.2	63.6	52.5	42.4	33.7
-67.5°	110.2	102.0	93.8	85.5	78.2	71.4	64.9	55.3	45.4	36.5	29.2
-70°	91.9	84.9	78.5	72.3	66.4	60.7	54.6	46.5	37.9	31.2	24.6
-72.5°	74.6	69.5	64.1	59.0	54.7	49.7	44.1	37.8	31.8	25.8	20.0
-75°	58.6	55.2	51.4	47.4	43.3	38.9	35.2	30.8	25.5	20.3	16.1
-77.5°	46.8	43.6	39.8	36.6	33.9	30.8	27.5	23.6	19.5	15.8	12.4
-80°	34.6	32.0	29.9	28.1	25.5	22.8	20.0	17.2	14.1	11.3	8.7
-82.5°	21.1	20.5	19.9	19.1	17.0	14.9	12.9	10.9	8.7	6.8	5.6
-85°	10.6	10.3	10.0	9.5	8.2	7.0	6.4	5.8	5.1	4.4	3.7
-87.5°	3.5	3.7	3.9	4.1	3.8	3.5	3.2	2.9	2.6	2.2	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P645307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-LAM-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.2	0.0
70°	0.4	0.5	0.5	0.4	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.6	0.5	0.4	0.3	0.0
60°	0.8	0.9	0.6	0.5	0.4	0.3	0.0
57.5°	1.5	1.1	0.8	0.6	0.5	0.3	0.0
55°	2.4	1.3	1.0	0.6	0.5	0.3	0.0
52.5°	3.5	1.6	1.2	0.6	0.5	0.4	0.0
50°	4.7	2.8	1.4	0.7	0.6	0.4	0.0
47.5°	6.3	4.0	1.6	0.7	0.6	0.4	0.0
45°	9.5	5.3	1.8	0.9	0.6	0.4	0.0
42.5°	12.8	6.7	2.0	1.1	0.7	0.4	0.0
40°	16.2	8.2	2.7	1.3	0.7	0.5	0.0
37.5°	19.6	9.8	3.9	1.6	0.7	0.5	0.0
35°	23.1	12.1	5.1	1.9	0.7	0.5	0.0
32.5°	26.9	14.9	6.3	2.2	0.8	0.5	0.0
30°	31.2	17.6	7.5	2.5	0.8	0.5	0.0
27.5°	35.4	20.3	9.0	2.9	0.8	0.6	0.0
25°	39.5	22.9	10.5	3.3	0.9	0.6	0.0
22.5°	43.5	25.6	12.0	3.7	0.9	0.6	0.0
20°	47.4	28.5	13.5	4.1	0.9	0.6	0.0
17.5°	51.3	31.3	15.0	4.6	0.9	0.6	0.0
15°	54.9	34.0	16.4	5.0	1.0	0.6	0.0
12.5°	58.4	36.6	17.8	5.5	1.0	0.7	0.0
10°	61.6	39.0	19.1	5.9	1.0	0.7	0.0
7.5°	64.5	41.3	20.4	6.3	1.0	0.7	0.0
5°	67.2	43.4	21.6	6.7	1.1	0.7	0.0
2.5°	69.6	45.3	22.6	7.1	1.1	0.7	0.0
0°	71.7	47.0	23.6	7.4	1.1	0.7	0.0
-2.5°	72.7	48.1	24.5	7.9	1.3	0.7	0.0
-5°	73.5	48.9	25.3	8.3	1.4	0.8	0.0
-7.5°	74.0	49.5	25.9	8.7	1.6	0.8	0.0
-10°	74.2	49.9	26.4	9.0	1.8	0.8	0.0
-12.5°	74.2	50.1	26.7	9.3	1.9	0.9	0.0
-15°	73.9	50.0	26.8	9.5	2.1	0.9	0.0
-17.5°	73.4	49.7	26.8	9.7	2.2	0.9	0.0
-20°	72.5	49.2	26.6	9.8	2.3	0.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.3	48.4	26.2	9.8	2.4	1.0	0.0
-25°	69.8	47.3	25.7	9.8	2.5	1.0	0.0
-27.5°	68.1	45.8	24.9	9.6	2.6	1.0	0.0
-30°	66.0	44.2	24.0	9.4	2.7	1.0	0.0
-32.5°	63.7	42.3	22.9	9.2	2.8	1.0	0.0
-35°	61.2	40.3	21.7	8.8	2.8	1.0	0.0
-37.5°	58.5	38.2	20.3	8.4	2.8	1.0	0.0
-40°	55.6	36.4	18.9	7.8	2.8	1.0	0.0
-42.5°	52.4	34.4	17.8	7.3	2.8	1.0	0.0
-45°	49.1	32.3	17.0	6.7	2.8	0.9	0.0
-47.5°	45.6	30.0	16.1	6.0	2.7	0.9	0.0
-50°	42.7	27.6	15.1	5.8	2.7	0.9	0.0
-52.5°	39.8	25.2	14.0	5.7	2.6	0.9	0.0
-55°	36.7	23.3	12.7	5.5	2.5	0.8	0.0
-57.5°	33.5	21.4	11.3	5.3	2.4	0.8	0.0
-60°	30.3	19.3	9.8	5.0	2.3	0.7	0.0
-62.5°	27.4	17.1	9.1	4.7	2.1	0.7	0.0
-65°	24.2	14.7	8.3	4.3	2.0	0.6	0.0
-67.5°	20.9	12.7	7.4	3.8	1.8	0.6	0.0
-70°	17.4	11.1	6.5	3.3	1.6	0.5	0.0
-72.5°	14.7	9.4	5.4	2.9	1.5	0.5	0.0
-75°	12.0	7.6	4.3	2.5	1.3	0.4	0.0
-77.5°	9.2	5.7	3.6	2.1	1.1	0.3	0.0
-80°	6.3	4.4	2.9	1.7	0.9	0.3	0.0
-82.5°	4.6	3.3	2.2	1.3	0.6	0.2	0.0
-85°	3.1	2.2	1.5	0.9	0.4	0.1	0.0
-87.5°	1.6	1.1	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)