

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: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627588 (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-SA5B-740-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

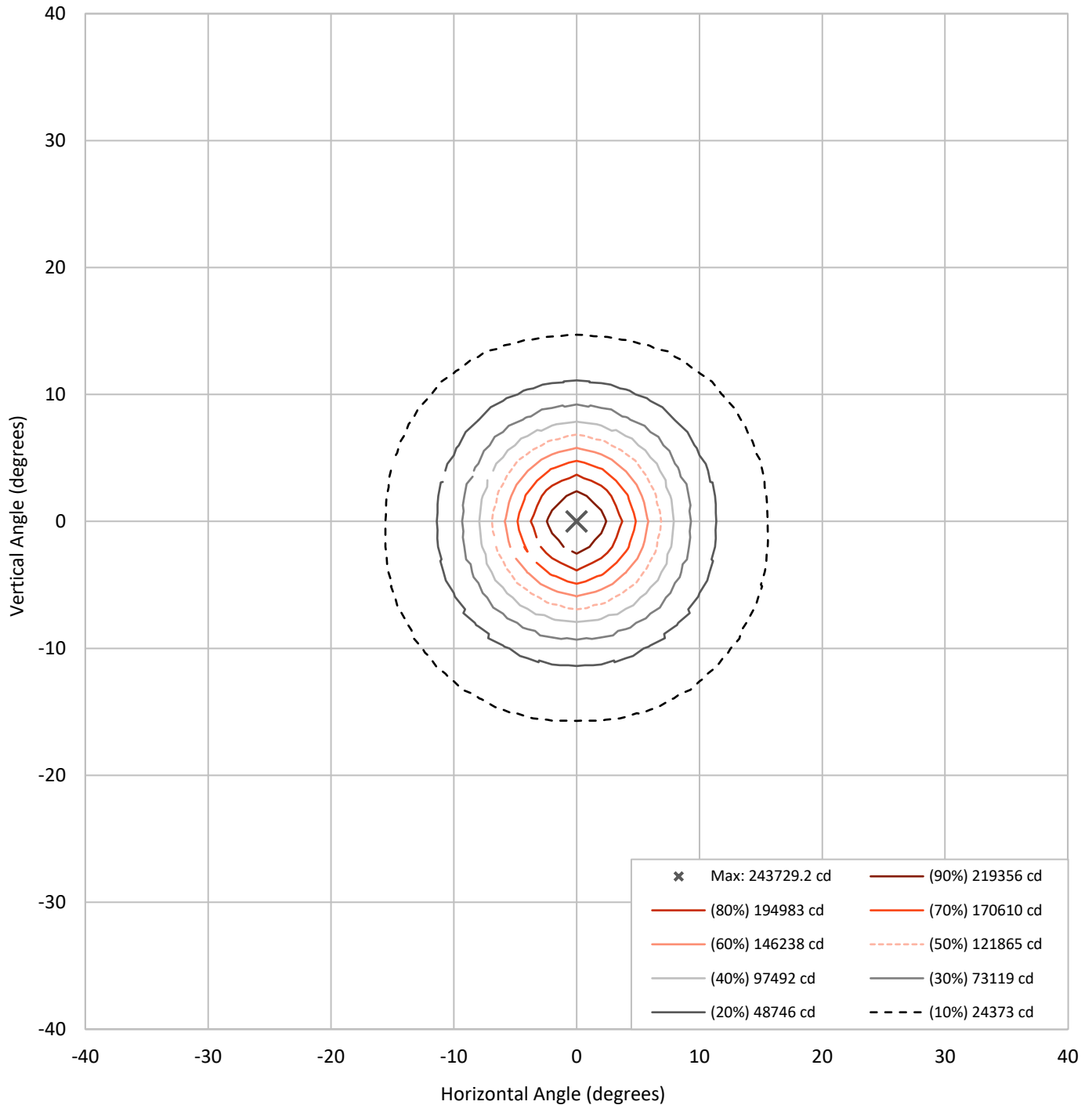
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	24044.4 lumens	Max Intensity:	243729.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	7676.1 lumens	Field Lumens:	17097.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	158.7		
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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CATALOG NUMBER: GFLD-SA5B-740-U-NR-VSR-XX

### Iso-Candela Plot





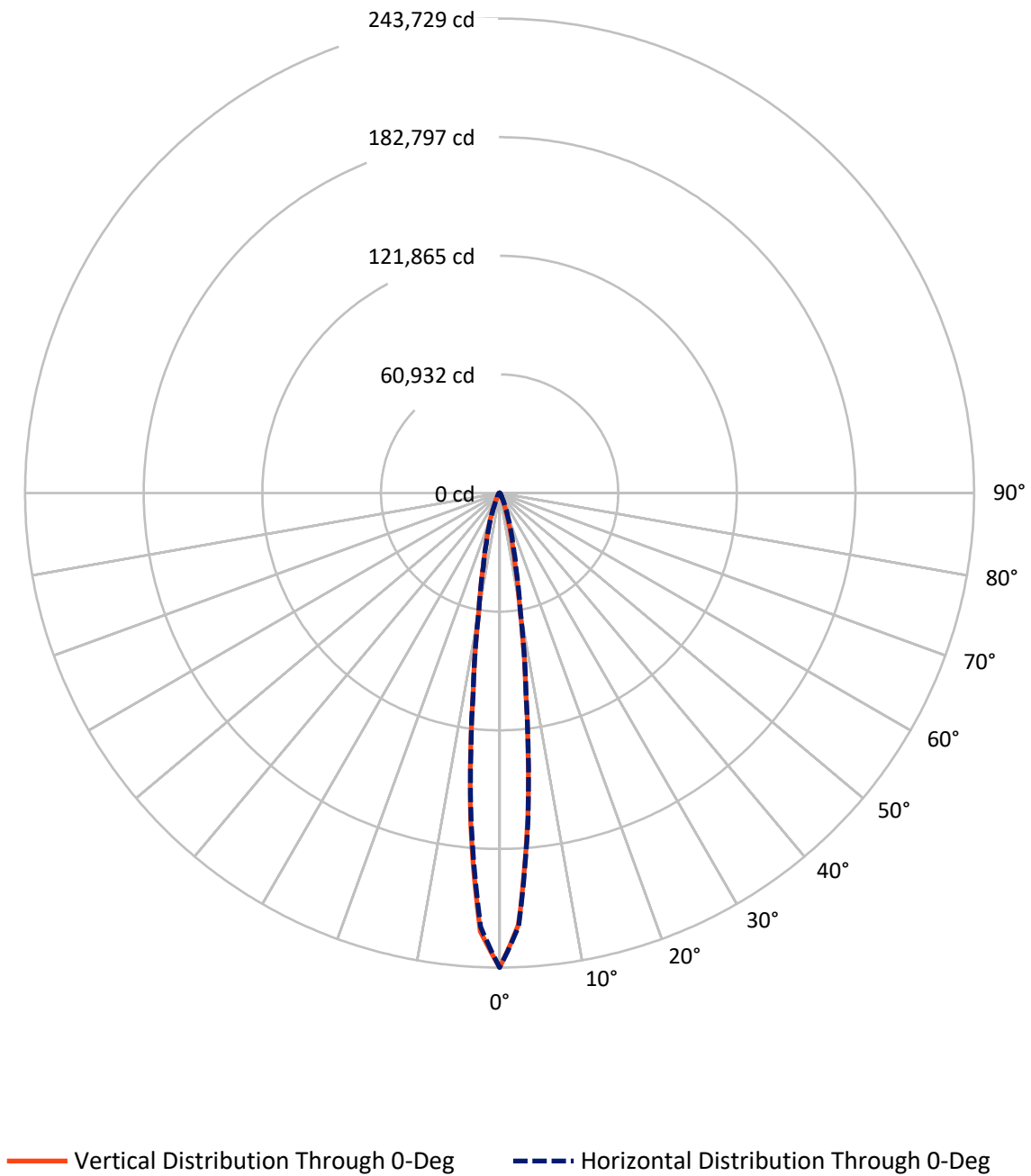
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### Lumen Table

90																			
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				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.6	1.3	2.1	2.8	3.4	3.4	2.8	2.1	1.3	0.6	0.2		0.1			
40	0.1	0.1	0.7	2.1	3.9	5.8	8.1	9.6	9.6	8.1	5.8	3.9	2.1	0.7	0.1				
30		0.3	1.7	4.1	7.3	11.5	19.6	24.9	24.9	19.6	11.5	7.3	4.1	1.7	0.3				
20	0.2	0.7	2.7	6.2	11.3	24.5	65.3	108.2	108.2	65.3	24.5	11.3	6.2	2.7	0.7				
10		1.0	3.7	8.6	18.6	73.1	308.2	677.5	677.5	308.2	73.1	18.6	8.6	3.7	1.0				
0	0.4	1.3	4.5	10.1	25.2	137.2	738.6	3312.3	3312.3	738.6	137.2	25.2	10.1	4.5	1.3				
-10		1.5	4.9	10.6	27.1	146.2	764.5	3368.5	3368.5	764.5	146.2	27.1	10.6	4.9	1.5				
-20	0.5	1.6	5.0	10.4	23.8	93.1	371.1	793.7	793.7	371.1	93.1	23.8	10.4	5.0	1.6				
-30		1.5	4.8	9.6	18.4	43.5	114.3	190.6	190.6	114.3	43.5	18.4	9.6	4.8	1.5				
-40	0.4	1.3	4.2	8.4	14.4	23.9	38.9	49.4	49.4	38.9	23.9	14.4	8.4	4.2	1.3				
-50		1.1	3.5	7.0	11.6	16.7	22.4	25.0	25.0	22.4	16.7	11.6	7.0	3.5	1.1				
-60	0.3	0.8	2.6	5.5	9.2	12.8	16.2	17.7	17.7	16.2	12.8	9.2	5.5	2.6	0.8				
-70		0.5	1.6	3.6	6.1	8.9	11.3	12.4	12.4	11.3	8.9	6.1	3.6	1.6	0.5				
-80	0.1	1.5	6.1	13.3	16.8	13.3	6.1	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

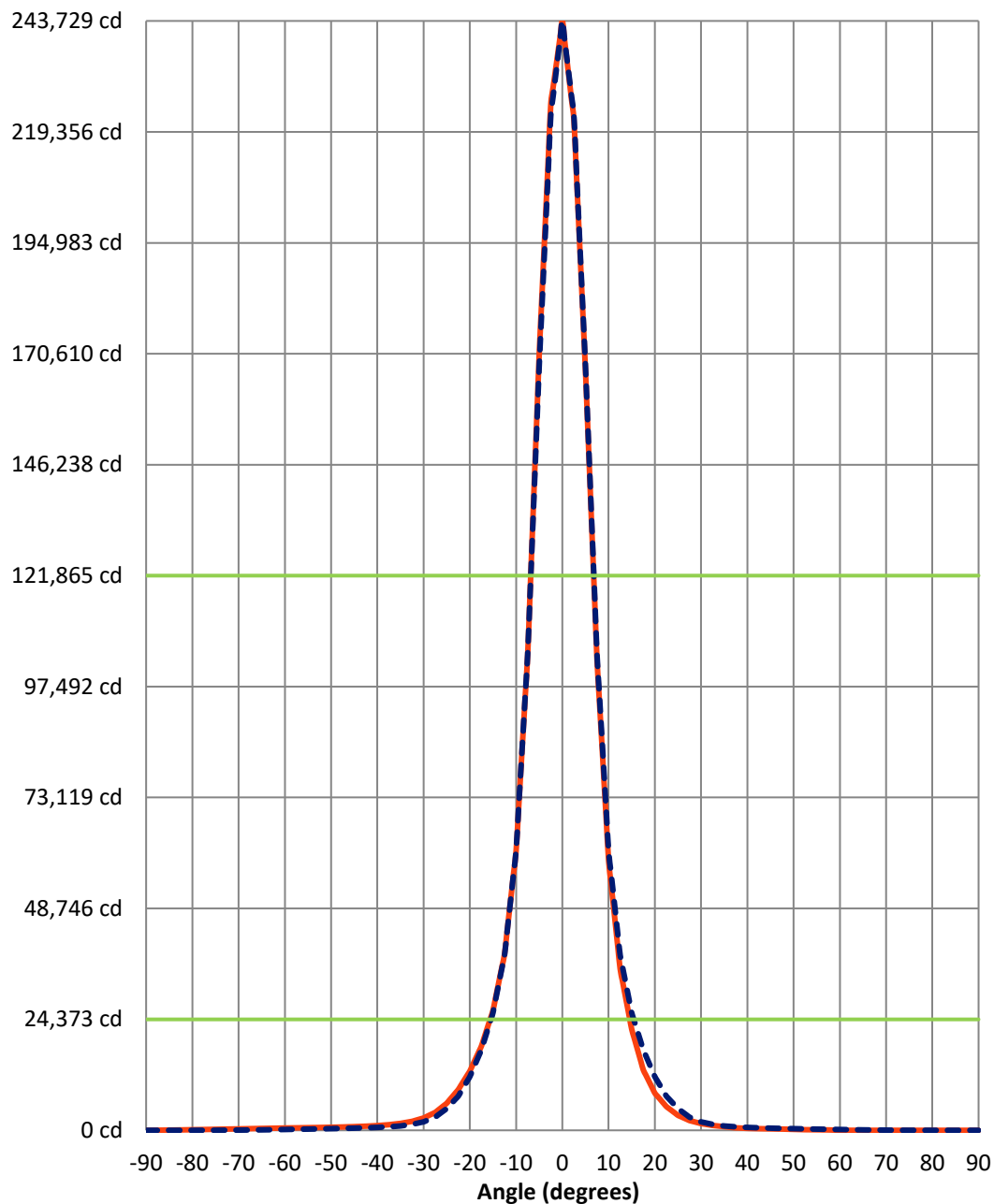
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 7676.1  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 17097.1  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 6947.3  
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	0.9	0.2	0.1	1.1	1.2	0.6	1.6	2.2	1.9	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.6	1.8	2.9	3.3	2.1	0.9
65°	0.0	1.2	0.4	1.1	2.1	2.2	3.0	4.3	3.5	2.3	1.6
62.5°	0.0	1.3	0.5	1.7	2.7	3.0	4.1	4.9	3.7	2.7	3.3
60°	0.0	1.5	0.7	2.2	3.3	3.6	5.1	5.1	3.9	3.8	4.8
57.5°	0.0	1.6	1.1	2.7	3.7	4.2	5.2	5.2	4.4	4.6	5.2
55°	0.0	1.8	1.6	3.3	4.0	4.8	5.2	5.2	4.8	5.2	5.2
52.5°	0.0	1.9	2.0	3.9	4.3	5.2	5.2	5.2	5.1	5.2	5.2
50°	0.0	2.1	2.3	4.4	4.6	5.2	5.2	5.2	5.2	5.2	6.0
47.5°	0.0	2.2	2.7	4.9	4.8	5.2	5.2	5.2	5.2	5.2	7.2
45°	0.0	2.4	3.0	5.1	5.0	5.2	5.2	5.2	5.4	6.4	8.5
42.5°	0.0	2.5	3.3	5.2	5.1	5.2	5.2	5.4	5.7	7.9	11.4
40°	0.0	2.7	3.6	5.2	5.2	5.2	5.2	5.8	6.6	9.5	14.7
37.5°	0.0	2.9	3.9	5.2	5.2	5.2	5.2	6.3	8.4	11.9	18.1
35°	0.0	3.0	4.1	5.2	5.2	5.2	5.2	6.9	10.3	15.2	22.2
32.5°	0.0	3.2	4.3	5.2	5.2	5.2	5.4	7.6	12.3	18.3	27.5
30°	0.0	3.4	4.5	5.2	5.2	5.2	5.9	8.6	14.3	21.4	33.4
27.5°	0.0	3.5	4.7	5.2	5.2	5.2	6.5	10.2	16.6	24.3	39.6
25°	0.0	3.7	4.8	5.2	5.2	5.2	7.1	11.9	19.1	28.6	46.3
22.5°	0.0	3.9	4.9	5.2	5.2	5.3	7.7	13.6	21.4	33.8	54.2
20°	0.0	4.1	5.0	5.2	5.2	5.7	8.3	15.2	23.6	39.1	61.5
17.5°	0.0	4.2	5.1	5.2	5.2	6.1	9.3	16.8	25.7	44.4	68.1
15°	0.0	4.4	5.1	5.2	5.2	6.6	10.3	18.4	27.7	49.6	74.1
12.5°	0.0	4.5	5.1	5.2	5.2	7.2	11.3	20.0	30.3	54.7	79.5
10°	0.0	4.7	5.2	5.2	5.2	7.8	12.2	21.4	33.6	59.4	84.3
7.5°	0.0	4.8	5.2	5.2	5.2	8.5	13.1	22.7	36.9	63.5	88.5
5°	0.0	5.0	5.2	5.2	5.2	9.1	14.0	23.9	40.3	66.9	92.2
2.5°	0.0	5.1	5.2	5.2	5.2	9.7	14.8	24.9	43.4	69.8	95.3
0°	0.0	5.2	5.2	5.2	5.2	10.3	15.5	25.8	46.4	72.2	98.0
-2.5°	0.0	5.2	5.2	5.2	5.6	10.9	16.8	27.4	49.0	74.1	101.3
-5°	0.0	5.2	5.2	5.2	6.1	11.4	18.1	28.8	51.3	75.6	104.1
-7.5°	0.0	5.2	5.2	5.2	6.5	11.8	19.2	30.0	53.2	76.7	106.1
-10°	0.0	5.1	5.2	5.2	6.9	12.2	20.2	31.1	54.5	77.6	107.4
-12.5°	0.0	5.1	5.2	5.2	7.2	12.5	21.1	32.1	55.4	78.3	109.4
-15°	0.0	5.0	5.2	5.2	7.5	12.8	21.7	32.9	55.6	79.9	111.3
-17.5°	0.0	5.0	5.2	5.2	7.7	13.1	22.2	33.7	55.2	80.7	112.1
-20°	0.0	4.9	5.2	5.2	7.9	13.2	22.5	34.3	54.4	80.7	111.9

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Scaled Data Report



REPORT NUMBER: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	4.8	5.2	5.2	7.9	13.3	22.8	34.8	53.2	79.8	110.6
-25°	0.0	4.7	5.2	5.2	7.9	13.7	22.9	34.9	51.5	77.9	108.2
-27.5°	0.0	4.6	5.2	5.2	7.8	14.0	22.9	34.8	49.5	75.3	105.9
-30°	0.0	4.5	5.2	5.2	7.6	14.2	22.8	34.4	48.4	72.5	102.4
-32.5°	0.0	4.4	5.2	5.2	7.6	14.3	22.5	34.0	47.8	69.3	97.5
-35°	0.0	4.3	5.2	5.2	7.5	14.3	22.5	33.6	46.8	65.6	91.3
-37.5°	0.0	4.1	5.2	5.2	7.3	14.2	22.4	32.9	45.5	61.5	87.8
-40°	0.0	4.0	5.2	5.2	7.0	13.9	22.1	32.2	43.7	58.9	84.5
-42.5°	0.0	3.8	5.2	5.3	7.0	13.5	21.6	31.2	42.3	57.7	80.5
-45°	0.0	3.7	5.2	5.4	7.2	12.9	21.0	30.3	41.1	55.9	76.1
-47.5°	0.0	3.5	5.2	5.5	7.3	12.3	20.1	29.3	39.7	53.5	73.2
-50°	0.0	3.3	5.2	5.6	7.4	11.5	19.1	28.0	38.2	51.4	69.4
-52.5°	0.0	3.2	5.2	5.6	7.4	10.5	17.9	26.5	36.3	48.6	64.9
-55°	0.0	3.0	5.2	5.6	7.3	10.2	16.5	24.7	34.1	45.0	60.2
-57.5°	0.0	2.8	5.2	5.6	7.2	10.0	15.0	22.8	31.7	41.7	54.5
-60°	0.0	2.6	5.2	5.6	7.1	9.7	13.4	20.6	29.0	38.4	48.8
-62.5°	0.0	2.4	4.8	5.5	6.9	9.3	12.7	18.2	26.0	34.7	44.5
-65°	0.0	2.2	4.4	5.4	6.6	8.8	11.9	16.0	22.7	30.8	39.7
-67.5°	0.0	2.0	4.0	5.3	6.3	8.2	11.0	14.7	19.3	26.6	34.6
-70°	0.0	1.8	3.6	5.2	6.0	7.6	10.0	13.2	17.3	22.1	29.2
-72.5°	0.0	1.6	3.1	4.7	5.7	6.9	8.9	11.7	15.1	19.2	24.0
-75°	0.0	1.3	2.7	4.0	5.3	6.2	7.8	10.2	12.8	16.2	20.2
-77.5°	0.0	1.1	2.2	3.4	4.5	5.5	6.6	8.8	11.1	13.4	16.2
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	7.4	9.5	11.6	13.7
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	5.8	7.8	9.7	11.6
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.9	5.3	6.9	8.7
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.9	2.6	3.4	4.3
-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	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.5	3.4	2.6	1.4	0.1	1.2	1.7	1.4	0.2	0.0	0.0
62.5°	4.8	4.1	2.9	2.2	2.9	3.9	3.1	1.8	0.5	2.5	3.6
60°	5.2	4.4	3.7	4.1	5.3	4.7	3.4	5.0	7.6	9.5	11.5
57.5°	5.2	4.8	4.7	5.6	5.9	5.9	9.1	12.1	17.1	21.3	24.1
55°	5.3	5.1	5.9	7.0	8.7	12.4	16.9	23.8	29.3	37.8	45.0
52.5°	5.9	5.9	7.9	10.6	15.6	21.3	29.3	39.0	50.1	58.4	67.1
50°	6.7	8.6	11.0	17.7	24.6	33.5	46.7	60.9	70.2	79.5	92.1
47.5°	9.2	11.7	18.1	25.9	35.9	50.1	68.2	78.5	87.7	102.3	118.0
45°	12.4	17.5	25.5	36.2	50.0	69.9	84.2	92.6	108.5	125.5	143.3
42.5°	15.8	24.2	35.1	46.3	68.0	87.0	100.0	113.2	129.3	149.1	168.5
40°	21.4	30.8	45.5	63.2	85.3	103.9	120.0	135.3	151.0	177.0	197.6
37.5°	27.2	40.8	57.4	79.4	102.4	122.7	140.7	159.8	182.4	211.7	230.2
35°	32.7	51.2	71.5	94.9	119.3	142.2	163.9	186.3	215.5	243.2	265.3
32.5°	40.5	61.8	84.7	110.0	135.1	161.0	187.3	214.1	242.9	271.2	300.2
30°	50.3	73.1	97.2	124.4	149.6	179.6	210.1	238.5	267.5	297.3	330.0
27.5°	60.2	83.7	109.8	137.2	163.7	197.8	230.8	260.4	290.1	322.2	359.5
25°	69.3	94.3	121.6	148.6	179.7	216.3	252.4	286.7	311.9	348.4	392.0
22.5°	78.1	104.7	134.0	158.9	195.2	235.0	277.0	313.9	343.7	376.3	425.8
20°	86.8	115.5	145.7	173.6	210.7	253.6	303.4	341.4	378.4	420.4	471.0
17.5°	95.0	125.4	157.2	190.3	229.5	273.9	330.5	369.2	413.3	463.6	527.4
15°	102.9	134.7	168.7	205.9	246.5	294.3	348.8	397.1	449.9	508.0	583.3
12.5°	110.1	143.1	180.1	220.3	261.4	311.8	364.2	415.5	476.3	552.3	647.1
10°	116.9	150.8	191.1	233.5	274.4	326.5	377.7	431.2	495.3	578.8	687.3
7.5°	122.4	158.5	201.6	245.5	285.6	338.7	389.4	444.0	511.2	600.7	714.3
5°	127.1	166.6	211.3	253.3	294.9	349.2	399.2	454.2	523.9	617.8	733.6
2.5°	131.0	174.1	219.8	258.9	302.9	358.8	407.0	465.6	536.7	631.1	751.8
0°	134.1	180.6	227.0	263.1	309.5	366.3	412.7	474.6	546.8	639.7	768.7
-2.5°	140.4	186.0	231.3	268.0	316.6	367.5	416.4	475.9	550.7	646.4	771.8
-5°	145.6	190.3	234.5	271.7	322.0	367.4	418.0	474.8	552.0	650.3	777.4
-7.5°	149.7	193.6	236.6	274.7	324.8	369.1	420.3	478.5	556.1	653.8	784.7
-10°	152.3	196.0	238.3	278.3	325.5	370.8	421.2	479.3	555.4	651.5	780.7
-12.5°	153.7	197.4	239.1	280.3	325.4	370.7	420.0	477.1	549.7	643.4	764.8
-15°	154.1	197.9	239.0	280.5	324.6	368.5	416.8	471.6	539.5	629.6	739.8
-17.5°	153.6	197.7	238.0	278.8	323.4	364.2	411.6	464.3	529.1	613.3	719.4
-20°	152.3	196.6	236.2	275.1	321.7	360.3	406.5	457.4	518.3	594.6	689.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	150.2	194.8	233.6	271.4	316.0	356.6	399.8	448.4	502.9	571.9	656.2
-25°	147.7	191.1	230.4	268.5	309.5	351.0	391.3	437.5	487.6	553.9	629.8
-27.5°	144.4	186.7	225.9	264.4	302.6	343.5	382.9	426.5	476.1	534.6	602.5
-30°	139.6	180.4	219.6	258.9	296.5	335.0	373.0	414.6	461.3	516.5	579.1
-32.5°	133.6	173.4	211.8	250.6	289.7	326.4	362.2	402.2	446.1	494.4	554.0
-35°	127.5	165.8	203.3	240.3	281.5	316.9	351.4	388.0	428.9	473.8	522.4
-37.5°	121.7	157.7	194.2	229.2	268.2	305.1	338.6	373.4	411.2	452.4	496.5
-40°	115.6	149.0	184.7	218.8	253.0	290.6	324.1	357.7	392.6	433.9	473.1
-42.5°	109.2	141.7	174.7	208.1	240.8	274.4	307.9	340.1	376.8	416.0	454.5
-45°	103.8	134.0	164.6	197.1	229.4	259.7	291.1	321.3	358.6	397.7	435.4
-47.5°	97.6	126.2	155.8	185.2	216.9	247.3	275.4	305.9	337.8	374.7	414.1
-50°	91.1	118.2	145.6	173.3	203.3	233.7	262.2	290.4	320.4	350.7	384.8
-52.5°	85.5	109.2	134.6	160.1	188.4	218.2	247.0	275.2	302.8	331.3	360.4
-55°	79.0	100.7	123.1	147.0	171.8	200.3	228.9	256.4	284.6	311.2	339.7
-57.5°	71.8	91.2	111.7	134.0	156.6	180.0	207.7	235.1	261.5	288.5	317.9
-60°	63.6	81.0	99.5	120.1	142.2	163.5	186.0	211.4	236.9	262.5	289.6
-62.5°	55.1	70.2	86.9	104.9	125.1	146.2	166.7	188.3	211.3	233.5	257.0
-65°	49.5	60.1	74.1	90.1	106.7	125.5	145.0	164.9	185.2	204.0	222.2
-67.5°	43.5	53.1	63.4	75.2	90.3	106.1	121.6	139.5	157.6	175.0	191.9
-70°	37.1	45.6	54.8	64.6	75.3	88.3	102.8	117.1	131.0	145.6	161.3
-72.5°	30.4	37.8	45.7	54.2	63.4	73.6	84.8	97.1	109.5	121.5	133.7
-75°	24.9	29.8	36.3	43.5	51.4	59.4	67.6	77.2	87.7	98.3	108.6
-77.5°	20.5	25.0	29.5	33.9	39.5	46.9	54.1	61.3	68.6	76.6	85.1
-80°	16.7	20.2	24.3	28.3	32.2	36.6	41.7	47.3	52.5	57.8	63.6
-82.5°	13.9	16.6	19.5	22.7	24.9	27.3	30.0	33.3	36.7	40.2	43.9
-85°	10.7	12.8	14.8	16.9	18.0	19.2	20.5	21.9	24.1	26.2	28.4
-87.5°	5.3	6.4	7.6	8.9	9.4	10.0	10.5	11.0	12.4	13.8	15.3
-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: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.0	2.5	4.0	5.3	5.9	5.7	5.3	4.7	4.0	3.7	4.3
60°	12.4	12.1	16.9	19.2	17.5	12.3	19.4	22.9	22.1	18.9	18.8
57.5°	30.3	36.8	41.5	43.6	50.4	61.5	63.6	59.9	58.6	59.8	69.1
55°	52.5	57.7	60.5	69.8	78.1	84.1	87.7	91.3	96.6	103.0	109.7
52.5°	74.2	81.4	87.0	95.4	105.3	108.7	107.8	120.6	130.5	136.9	139.5
50°	101.9	111.0	123.8	136.9	142.6	148.1	154.0	164.5	179.7	198.8	209.7
47.5°	131.8	146.0	159.5	174.4	182.0	187.9	196.7	215.0	236.7	257.1	267.8
45°	158.7	171.3	186.7	199.6	209.0	220.4	233.1	249.5	273.9	295.3	310.0
42.5°	180.3	194.5	210.3	226.0	235.5	250.9	270.1	292.6	318.0	340.3	356.7
40°	210.5	222.6	247.8	262.7	266.4	280.8	319.4	350.0	378.8	406.2	419.8
37.5°	247.1	270.6	296.8	310.3	323.6	348.9	400.6	450.1	486.9	523.9	544.2
35°	288.6	319.5	355.2	371.2	399.7	455.0	515.6	584.5	670.3	706.2	739.0
32.5°	329.0	363.6	396.5	432.4	482.2	548.2	616.5	728.3	832.7	913.4	972.5
30°	364.8	401.5	442.4	488.5	558.7	649.7	763.9	908.5	1055.5	1183.9	1292.5
27.5°	400.2	441.9	490.5	559.3	658.1	781.7	964.0	1170.2	1415.7	1596.6	1812.6
25°	439.0	486.7	549.1	648.8	782.2	966.9	1258.3	1593.2	1995.8	2322.2	2663.8
22.5°	484.9	555.4	634.4	745.6	978.6	1283.0	1681.0	2253.5	2872.8	3445.4	3996.7
20°	540.4	636.7	763.7	968.3	1267.4	1717.4	2409.0	3322.6	4233.4	5203.3	6137.0
17.5°	619.6	758.4	955.6	1246.9	1641.1	2531.2	3653.4	5066.4	6881.7	8526.8	9963.1
15°	693.8	859.7	1171.1	1606.5	2294.1	3473.9	5178.2	7510.4	10339.6	12918.0	15641.2
12.5°	771.8	967.6	1325.3	1879.7	2835.1	4371.0	6766.2	9961.7	13504.2	17390.2	21816.5
10°	833.5	1071.3	1499.6	2202.5	3380.2	5292.8	8145.8	12021.2	16728.8	22479.7	29555.5
7.5°	875.2	1154.4	1643.6	2438.8	3882.1	6235.5	9670.0	14328.2	20213.4	27832.2	37733.0
5°	907.8	1217.9	1751.8	2654.3	4306.5	6955.1	10799.3	16348.3	23310.3	33518.1	50297.2
2.5°	933.9	1266.4	1818.8	2802.6	4573.0	7456.3	11556.9	17491.2	25153.7	37721.9	59490.4
0°	954.4	1310.4	1862.4	2894.2	4777.2	7506.3	11793.3	17700.3	25815.4	38480.6	61468.8
-2.5°	963.1	1333.9	1877.4	2914.2	4756.7	7592.3	11865.5	17867.4	25790.5	38064.9	59259.2
-5°	977.6	1333.5	1866.1	2893.7	4650.1	7369.9	11394.3	16932.5	24234.6	34791.1	52155.2
-7.5°	988.0	1312.2	1812.0	2762.6	4371.0	6889.1	10566.3	15383.6	21402.7	29418.0	40172.2
-10°	978.5	1271.4	1722.0	2542.7	3936.9	6117.7	9307.2	13338.8	18341.3	24281.3	31587.9
-12.5°	941.7	1196.1	1575.0	2234.6	3374.8	5253.7	8040.4	11473.1	15175.6	19347.3	24396.2
-15°	895.1	1114.8	1442.6	2023.3	2958.1	4397.3	6431.8	9216.5	12186.7	15354.0	18731.6
-17.5°	858.9	1043.5	1314.9	1735.3	2422.8	3567.2	5166.0	7144.2	9326.9	11738.4	13739.9
-20°	809.8	955.7	1183.5	1526.8	2051.4	2809.6	3974.0	5411.2	6851.5	8547.0	9929.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	760.6	887.7	1061.1	1312.3	1702.7	2275.5	2994.9	3954.5	5007.8	5981.0	6938.9
-25°	715.0	812.9	953.1	1159.2	1424.1	1814.9	2327.0	2877.5	3571.7	4164.1	4821.5
-27.5°	678.1	762.1	865.6	1016.8	1222.2	1473.6	1840.3	2209.1	2574.3	2873.2	3325.9
-30°	642.4	710.1	796.6	904.4	1058.4	1252.2	1490.2	1729.5	1940.2	2132.4	2368.1
-32.5°	607.4	662.5	728.8	818.3	928.8	1074.5	1220.7	1392.2	1538.7	1673.8	1798.9
-35°	572.3	621.3	671.8	747.3	835.4	938.9	1045.2	1161.4	1262.8	1353.8	1434.4
-37.5°	540.6	583.6	631.2	687.3	758.4	836.3	923.1	1007.5	1074.5	1133.6	1182.4
-40°	513.8	553.0	593.7	638.6	692.7	754.2	828.0	898.3	945.2	981.3	1010.9
-42.5°	489.9	524.4	559.1	597.2	638.7	692.0	750.2	808.3	840.1	868.0	889.4
-45°	470.8	497.2	526.4	559.0	595.7	640.3	686.1	726.2	754.5	778.5	796.4
-47.5°	445.4	470.9	496.2	523.1	557.3	594.5	632.3	663.2	687.9	708.8	722.5
-50°	417.5	444.3	467.5	491.1	522.6	554.1	584.6	610.1	633.7	654.2	664.9
-52.5°	388.6	417.4	441.7	464.8	491.2	518.6	546.1	568.0	588.6	608.0	616.1
-55°	367.8	394.3	419.4	441.1	462.9	484.9	507.3	530.0	550.4	568.7	574.2
-57.5°	345.4	372.4	397.2	416.6	436.3	456.1	476.7	497.1	516.8	534.4	538.8
-60°	317.9	347.2	369.2	387.6	406.8	426.4	444.2	462.4	480.7	496.1	501.0
-62.5°	283.0	309.7	331.5	350.9	369.4	386.4	403.8	420.8	437.3	449.4	453.4
-65°	241.3	264.0	286.4	306.7	324.9	341.3	357.4	372.9	387.9	398.5	403.8
-67.5°	208.3	224.6	242.7	260.1	278.4	295.3	309.8	323.5	336.3	345.4	351.0
-70°	176.5	192.1	208.9	225.6	241.5	255.2	266.8	278.1	289.0	297.0	303.0
-72.5°	146.1	159.3	173.4	188.0	202.6	215.0	225.6	235.6	245.1	251.9	257.5
-75°	118.7	129.5	141.4	153.3	165.1	174.9	183.8	192.4	200.8	206.9	212.0
-77.5°	94.2	103.4	112.6	121.9	131.2	138.4	144.9	151.3	157.4	162.3	166.6
-80°	69.8	77.0	84.4	91.8	99.2	104.7	109.6	114.2	118.6	121.4	124.0
-82.5°	47.7	52.7	57.9	63.1	68.4	72.4	76.3	80.1	83.9	85.2	86.2
-85°	30.4	32.9	35.6	38.5	41.5	43.7	45.8	47.9	49.8	51.6	53.3
-87.5°	16.9	17.4	17.8	18.3	18.7	20.2	21.8	23.4	24.9	25.2	25.4
-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: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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	0.5	1.1
62.5°	4.7	5.0	5.1	5.2	5.1	5.0	4.7	4.3	3.7	4.0	4.7
60°	17.7	15.7	15.4	15.5	15.4	15.7	17.7	18.8	18.9	22.1	22.9
57.5°	78.5	87.3	89.7	87.7	89.7	87.3	78.5	69.1	59.8	58.6	59.9
55°	114.3	117.0	118.3	118.7	118.3	117.0	114.3	109.7	103.0	96.6	91.3
52.5°	140.1	139.2	139.0	139.3	139.0	139.2	140.1	139.5	136.9	130.5	120.6
50°	210.5	206.7	205.2	206.4	205.2	206.7	210.5	209.7	198.8	179.7	164.5
47.5°	269.1	270.2	272.1	273.4	272.1	270.2	269.1	267.8	257.1	236.7	215.0
45°	314.2	317.0	318.9	319.9	318.9	317.0	314.2	310.0	295.3	273.9	249.5
42.5°	360.3	360.6	360.1	361.1	360.1	360.6	360.3	356.7	340.3	318.0	292.6
40°	425.4	426.8	425.3	423.0	425.3	426.8	425.4	419.8	406.2	378.8	350.0
37.5°	556.0	557.9	551.7	546.8	551.7	557.9	556.0	544.2	523.9	486.9	450.1
35°	768.9	790.9	801.4	804.8	801.4	790.9	768.9	739.0	706.2	670.3	584.5
32.5°	1013.3	1044.0	1059.4	1073.1	1059.4	1044.0	1013.3	972.5	913.4	832.7	728.3
30°	1363.7	1420.3	1445.2	1480.6	1445.2	1420.3	1363.7	1292.5	1183.9	1055.5	908.5
27.5°	1935.3	2034.8	2089.8	2141.0	2089.8	2034.8	1935.3	1812.6	1596.6	1415.7	1170.2
25°	2912.1	3103.7	3227.7	3286.2	3227.7	3103.7	2912.1	2663.8	2322.2	1995.8	1593.2
22.5°	4530.2	4883.5	5155.9	5210.5	5155.9	4883.5	4530.2	3996.7	3445.4	2872.8	2253.5
20°	7042.9	7548.3	7959.6	8166.6	7959.6	7548.3	7042.9	6137.0	5203.3	4233.4	3322.6
17.5°	11673.8	12725.2	13205.4	13284.3	13205.4	12725.2	11673.8	9963.1	8526.8	6881.7	5066.4
15°	18563.3	20342.3	21471.7	22198.9	21471.7	20342.3	18563.3	15641.2	12918.0	10339.6	7510.4
12.5°	26424.0	31479.2	34355.6	35452.3	34355.6	31479.2	26424.0	21816.5	17390.2	13504.2	9961.7
10°	37092.8	48993.3	55858.1	59312.4	55858.1	48993.3	37092.8	29555.5	22479.7	16728.8	12021.2
7.5°	55200.1	73580.6	93945.5	103367.2	93945.5	73580.6	55200.1	37733.0	27832.2	20213.4	14328.2
5°	74235.2	114591.5	150012.5	166974.4	150012.5	114591.5	74235.2	50297.2	33518.1	23310.3	16348.3
2.5°	96113.1	150537.4	200856.9	222015.2	200856.9	150537.4	96113.1	59490.4	37721.9	25153.7	17491.2
0°	104533.2	167928.8	222961.9	243729.2	222961.9	167928.8	104533.2	61468.8	38480.6	25815.4	17700.3
-2.5°	97414.8	153174.0	201721.5	225451.1	201721.5	153174.0	97414.8	59259.2	38064.9	25790.5	17867.4
-5°	77401.1	115223.0	151177.1	170513.5	151177.1	115223.0	77401.1	52155.2	34791.1	24234.6	16932.5
-7.5°	56807.6	77397.5	97365.1	104347.4	97365.1	77397.5	56807.6	40172.2	29418.0	21402.7	15383.6
-10°	39550.6	51341.0	59124.0	61345.0	59124.0	51341.0	39550.6	31587.9	24281.3	18341.3	13338.8
-12.5°	29322.7	34479.9	38068.1	38692.1	38068.1	34479.9	29322.7	24396.2	19347.3	15175.6	11473.1
-15°	21712.8	24335.3	26186.0	26310.6	26186.0	24335.3	21712.8	18731.6	15354.0	12186.7	9216.5
-17.5°	15872.2	17632.5	18566.5	18500.0	18566.5	17632.5	15872.2	13739.9	11738.4	9326.9	7144.2
-20°	11349.5	12410.6	13163.2	13016.0	13163.2	12410.6	11349.5	9929.6	8547.0	6851.5	5411.2



REPORT NUMBER: P627588 (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°
-22.5°	7913.7	8618.1	9059.1	8945.6	9059.1	8618.1	7913.7	6938.9	5981.0	5007.8	3954.5
-25°	5377.2	5761.0	5979.4	5943.1	5979.4	5761.0	5377.2	4821.5	4164.1	3571.7	2877.5
-27.5°	3664.3	3867.0	3934.6	3931.1	3934.6	3867.0	3664.3	3325.9	2873.2	2574.3	2209.1
-30°	2543.3	2679.6	2757.4	2708.4	2757.4	2679.6	2543.3	2368.1	2132.4	1940.2	1729.5
-32.5°	1895.6	1972.4	2016.9	1970.7	2016.9	1972.4	1895.6	1798.9	1673.8	1538.7	1392.2
-35°	1493.9	1532.8	1548.4	1521.9	1548.4	1532.8	1493.9	1434.4	1353.8	1262.8	1161.4
-37.5°	1218.0	1240.7	1248.5	1233.0	1248.5	1240.7	1218.0	1182.4	1133.6	1074.5	1007.5
-40°	1032.0	1046.0	1049.4	1036.9	1049.4	1046.0	1032.0	1010.9	981.3	945.2	898.3
-42.5°	903.0	911.3	913.3	908.0	913.3	911.3	903.0	889.4	868.0	840.1	808.3
-45°	807.0	814.2	815.5	810.0	815.5	814.2	807.0	796.4	778.5	754.5	726.2
-47.5°	729.3	733.7	734.8	732.6	734.8	733.7	729.3	722.5	708.8	687.9	663.2
-50°	669.8	672.8	673.1	670.7	673.1	672.8	669.8	664.9	654.2	633.7	610.1
-52.5°	620.0	622.1	623.5	624.2	623.5	622.1	620.0	616.1	608.0	588.6	568.0
-55°	578.0	580.8	582.4	583.0	582.4	580.8	578.0	574.2	568.7	550.4	530.0
-57.5°	542.3	544.8	546.3	546.8	546.3	544.8	542.3	538.8	534.4	516.8	497.1
-60°	505.1	508.1	510.1	510.7	510.1	508.1	505.1	501.0	496.1	480.7	462.4
-62.5°	456.0	457.3	458.6	459.1	458.6	457.3	456.0	453.4	449.4	437.3	420.8
-65°	407.8	410.6	412.2	412.7	412.2	410.6	407.8	403.8	398.5	387.9	372.9
-67.5°	355.6	359.2	363.0	366.3	363.0	359.2	355.6	351.0	345.4	336.3	323.5
-70°	308.3	312.9	314.4	314.7	314.4	312.9	308.3	303.0	297.0	289.0	278.1
-72.5°	262.5	266.8	270.4	273.4	270.4	266.8	262.5	257.5	251.9	245.1	235.6
-75°	216.5	220.5	221.5	221.8	221.5	220.5	216.5	212.0	206.9	200.8	192.4
-77.5°	170.7	174.4	175.2	175.4	175.2	174.4	170.7	166.6	162.3	157.4	151.3
-80°	126.3	128.3	131.3	134.1	131.3	128.3	126.3	124.0	121.4	118.6	114.2
-82.5°	86.9	87.3	87.6	87.7	87.6	87.3	86.9	86.2	85.2	83.9	80.1
-85°	54.9	56.5	56.6	56.7	56.6	56.5	54.9	53.3	51.6	49.8	47.9
-87.5°	25.6	25.7	25.8	25.8	25.8	25.7	25.6	25.4	25.2	24.9	23.4
-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: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.3
65°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.4
62.5°	5.3	5.7	5.9	5.3	4.0	2.5	3.0	3.6	2.5	0.5	1.8
60°	19.4	12.3	17.5	19.2	16.9	12.1	12.4	11.5	9.5	7.6	5.0
57.5°	63.6	61.5	50.4	43.6	41.5	36.8	30.3	24.1	21.3	17.1	12.1
55°	87.7	84.1	78.1	69.8	60.5	57.7	52.5	45.0	37.8	29.3	23.8
52.5°	107.8	108.7	105.3	95.4	87.0	81.4	74.2	67.1	58.4	50.1	39.0
50°	154.0	148.1	142.6	136.9	123.8	111.0	101.9	92.1	79.5	70.2	60.9
47.5°	196.7	187.9	182.0	174.4	159.5	146.0	131.8	118.0	102.3	87.7	78.5
45°	233.1	220.4	209.0	199.6	186.7	171.3	158.7	143.3	125.5	108.5	92.6
42.5°	270.1	250.9	235.5	226.0	210.3	194.5	180.3	168.5	149.1	129.3	113.2
40°	319.4	280.8	266.4	262.7	247.8	222.6	210.5	197.6	177.0	151.0	135.3
37.5°	400.6	348.9	323.6	310.3	296.8	270.6	247.1	230.2	211.7	182.4	159.8
35°	515.6	455.0	399.7	371.2	355.2	319.5	288.6	265.3	243.2	215.5	186.3
32.5°	616.5	548.2	482.2	432.4	396.5	363.6	329.0	300.2	271.2	242.9	214.1
30°	763.9	649.7	558.7	488.5	442.4	401.5	364.8	330.0	297.3	267.5	238.5
27.5°	964.0	781.7	658.1	559.3	490.5	441.9	400.2	359.5	322.2	290.1	260.4
25°	1258.3	966.9	782.2	648.8	549.1	486.7	439.0	392.0	348.4	311.9	286.7
22.5°	1681.0	1283.0	978.6	745.6	634.4	555.4	484.9	425.8	376.3	343.7	313.9
20°	2409.0	1717.4	1267.4	968.3	763.7	636.7	540.4	471.0	420.4	378.4	341.4
17.5°	3653.4	2531.2	1641.1	1246.9	955.6	758.4	619.6	527.4	463.6	413.3	369.2
15°	5178.2	3473.9	2294.1	1606.5	1171.1	859.7	693.8	583.3	508.0	449.9	397.1
12.5°	6766.2	4371.0	2835.1	1879.7	1325.3	967.6	771.8	647.1	552.3	476.3	415.5
10°	8145.8	5292.8	3380.2	2202.5	1499.6	1071.3	833.5	687.3	578.8	495.3	431.2
7.5°	9670.0	6235.5	3882.1	2438.8	1643.6	1154.4	875.2	714.3	600.7	511.2	444.0
5°	10799.3	6955.1	4306.5	2654.3	1751.8	1217.9	907.8	733.6	617.8	523.9	454.2
2.5°	11556.9	7456.3	4573.0	2802.6	1818.8	1266.4	933.9	751.8	631.1	536.7	465.6
0°	11793.3	7506.3	4777.2	2894.2	1862.4	1310.4	954.4	768.7	639.7	546.8	474.6
-2.5°	11865.5	7592.3	4756.7	2914.2	1877.4	1333.9	963.1	771.8	646.4	550.7	475.9
-5°	11394.3	7369.9	4650.1	2893.7	1866.1	1333.5	977.6	777.4	650.3	552.0	474.8
-7.5°	10566.3	6889.1	4371.0	2762.6	1812.0	1312.2	988.0	784.7	653.8	556.1	478.5
-10°	9307.2	6117.7	3936.9	2542.7	1722.0	1271.4	978.5	780.7	651.5	555.4	479.3
-12.5°	8040.4	5253.7	3374.8	2234.6	1575.0	1196.1	941.7	764.8	643.4	549.7	477.1
-15°	6431.8	4397.3	2958.1	2023.3	1442.6	1114.8	895.1	739.8	629.6	539.5	471.6
-17.5°	5166.0	3567.2	2422.8	1735.3	1314.9	1043.5	858.9	719.4	613.3	529.1	464.3
-20°	3974.0	2809.6	2051.4	1526.8	1183.5	955.7	809.8	689.5	594.6	518.3	457.4



REPORT NUMBER: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2994.9	2275.5	1702.7	1312.3	1061.1	887.7	760.6	656.2	571.9	502.9	448.4
-25°	2327.0	1814.9	1424.1	1159.2	953.1	812.9	715.0	629.8	553.9	487.6	437.5
-27.5°	1840.3	1473.6	1222.2	1016.8	865.6	762.1	678.1	602.5	534.6	476.1	426.5
-30°	1490.2	1252.2	1058.4	904.4	796.6	710.1	642.4	579.1	516.5	461.3	414.6
-32.5°	1220.7	1074.5	928.8	818.3	728.8	662.5	607.4	554.0	494.4	446.1	402.2
-35°	1045.2	938.9	835.4	747.3	671.8	621.3	572.3	522.4	473.8	428.9	388.0
-37.5°	923.1	836.3	758.4	687.3	631.2	583.6	540.6	496.5	452.4	411.2	373.4
-40°	828.0	754.2	692.7	638.6	593.7	553.0	513.8	473.1	433.9	392.6	357.7
-42.5°	750.2	692.0	638.7	597.2	559.1	524.4	489.9	454.5	416.0	376.8	340.1
-45°	686.1	640.3	595.7	559.0	526.4	497.2	470.8	435.4	397.7	358.6	321.3
-47.5°	632.3	594.5	557.3	523.1	496.2	470.9	445.4	414.1	374.7	337.8	305.9
-50°	584.6	554.1	522.6	491.1	467.5	444.3	417.5	384.8	350.7	320.4	290.4
-52.5°	546.1	518.6	491.2	464.8	441.7	417.4	388.6	360.4	331.3	302.8	275.2
-55°	507.3	484.9	462.9	441.1	419.4	394.3	367.8	339.7	311.2	284.6	256.4
-57.5°	476.7	456.1	436.3	416.6	397.2	372.4	345.4	317.9	288.5	261.5	235.1
-60°	444.2	426.4	406.8	387.6	369.2	347.2	317.9	289.6	262.5	236.9	211.4
-62.5°	403.8	386.4	369.4	350.9	331.5	309.7	283.0	257.0	233.5	211.3	188.3
-65°	357.4	341.3	324.9	306.7	286.4	264.0	241.3	222.2	204.0	185.2	164.9
-67.5°	309.8	295.3	278.4	260.1	242.7	224.6	208.3	191.9	175.0	157.6	139.5
-70°	266.8	255.2	241.5	225.6	208.9	192.1	176.5	161.3	145.6	131.0	117.1
-72.5°	225.6	215.0	202.6	188.0	173.4	159.3	146.1	133.7	121.5	109.5	97.1
-75°	183.8	174.9	165.1	153.3	141.4	129.5	118.7	108.6	98.3	87.7	77.2
-77.5°	144.9	138.4	131.2	121.9	112.6	103.4	94.2	85.1	76.6	68.6	61.3
-80°	109.6	104.7	99.2	91.8	84.4	77.0	69.8	63.6	57.8	52.5	47.3
-82.5°	76.3	72.4	68.4	63.1	57.9	52.7	47.7	43.9	40.2	36.7	33.3
-85°	45.8	43.7	41.5	38.5	35.6	32.9	30.4	28.4	26.2	24.1	21.9
-87.5°	21.8	20.2	18.7	18.3	17.8	17.4	16.9	15.3	13.8	12.4	11.0
-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: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	1.9	2.2	1.6
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.3	0.9	2.1	3.3	2.9
65°	1.7	1.2	0.1	1.4	2.6	3.4	2.5	1.6	2.3	3.5	4.3
62.5°	3.1	3.9	2.9	2.2	2.9	4.1	4.8	3.3	2.7	3.7	4.9
60°	3.4	4.7	5.3	4.1	3.7	4.4	5.2	4.8	3.8	3.9	5.1
57.5°	9.1	5.9	5.9	5.6	4.7	4.8	5.2	5.2	4.6	4.4	5.2
55°	16.9	12.4	8.7	7.0	5.9	5.1	5.3	5.2	5.2	4.8	5.2
52.5°	29.3	21.3	15.6	10.6	7.9	5.9	5.9	5.2	5.2	5.1	5.2
50°	46.7	33.5	24.6	17.7	11.0	8.6	6.7	6.0	5.2	5.2	5.2
47.5°	68.2	50.1	35.9	25.9	18.1	11.7	9.2	7.2	5.2	5.2	5.2
45°	84.2	69.9	50.0	36.2	25.5	17.5	12.4	8.5	6.4	5.4	5.2
42.5°	100.0	87.0	68.0	46.3	35.1	24.2	15.8	11.4	7.9	5.7	5.4
40°	120.0	103.9	85.3	63.2	45.5	30.8	21.4	14.7	9.5	6.6	5.8
37.5°	140.7	122.7	102.4	79.4	57.4	40.8	27.2	18.1	11.9	8.4	6.3
35°	163.9	142.2	119.3	94.9	71.5	51.2	32.7	22.2	15.2	10.3	6.9
32.5°	187.3	161.0	135.1	110.0	84.7	61.8	40.5	27.5	18.3	12.3	7.6
30°	210.1	179.6	149.6	124.4	97.2	73.1	50.3	33.4	21.4	14.3	8.6
27.5°	230.8	197.8	163.7	137.2	109.8	83.7	60.2	39.6	24.3	16.6	10.2
25°	252.4	216.3	179.7	148.6	121.6	94.3	69.3	46.3	28.6	19.1	11.9
22.5°	277.0	235.0	195.2	158.9	134.0	104.7	78.1	54.2	33.8	21.4	13.6
20°	303.4	253.6	210.7	173.6	145.7	115.5	86.8	61.5	39.1	23.6	15.2
17.5°	330.5	273.9	229.5	190.3	157.2	125.4	95.0	68.1	44.4	25.7	16.8
15°	348.8	294.3	246.5	205.9	168.7	134.7	102.9	74.1	49.6	27.7	18.4
12.5°	364.2	311.8	261.4	220.3	180.1	143.1	110.1	79.5	54.7	30.3	20.0
10°	377.7	326.5	274.4	233.5	191.1	150.8	116.9	84.3	59.4	33.6	21.4
7.5°	389.4	338.7	285.6	245.5	201.6	158.5	122.4	88.5	63.5	36.9	22.7
5°	399.2	349.2	294.9	253.3	211.3	166.6	127.1	92.2	66.9	40.3	23.9
2.5°	407.0	358.8	302.9	258.9	219.8	174.1	131.0	95.3	69.8	43.4	24.9
0°	412.7	366.3	309.5	263.1	227.0	180.6	134.1	98.0	72.2	46.4	25.8
-2.5°	416.4	367.5	316.6	268.0	231.3	186.0	140.4	101.3	74.1	49.0	27.4
-5°	418.0	367.4	322.0	271.7	234.5	190.3	145.6	104.1	75.6	51.3	28.8
-7.5°	420.3	369.1	324.8	274.7	236.6	193.6	149.7	106.1	76.7	53.2	30.0
-10°	421.2	370.8	325.5	278.3	238.3	196.0	152.3	107.4	77.6	54.5	31.1
-12.5°	420.0	370.7	325.4	280.3	239.1	197.4	153.7	109.4	78.3	55.4	32.1
-15°	416.8	368.5	324.6	280.5	239.0	197.9	154.1	111.3	79.9	55.6	32.9
-17.5°	411.6	364.2	323.4	278.8	238.0	197.7	153.6	112.1	80.7	55.2	33.7
-20°	406.5	360.3	321.7	275.1	236.2	196.6	152.3	111.9	80.7	54.4	34.3

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REPORT NUMBER: P627588 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	399.8	356.6	316.0	271.4	233.6	194.8	150.2	110.6	79.8	53.2	34.8
-25°	391.3	351.0	309.5	268.5	230.4	191.1	147.7	108.2	77.9	51.5	34.9
-27.5°	382.9	343.5	302.6	264.4	225.9	186.7	144.4	105.9	75.3	49.5	34.8
-30°	373.0	335.0	296.5	258.9	219.6	180.4	139.6	102.4	72.5	48.4	34.4
-32.5°	362.2	326.4	289.7	250.6	211.8	173.4	133.6	97.5	69.3	47.8	34.0
-35°	351.4	316.9	281.5	240.3	203.3	165.8	127.5	91.3	65.6	46.8	33.6
-37.5°	338.6	305.1	268.2	229.2	194.2	157.7	121.7	87.8	61.5	45.5	32.9
-40°	324.1	290.6	253.0	218.8	184.7	149.0	115.6	84.5	58.9	43.7	32.2
-42.5°	307.9	274.4	240.8	208.1	174.7	141.7	109.2	80.5	57.7	42.3	31.2
-45°	291.1	259.7	229.4	197.1	164.6	134.0	103.8	76.1	55.9	41.1	30.3
-47.5°	275.4	247.3	216.9	185.2	155.8	126.2	97.6	73.2	53.5	39.7	29.3
-50°	262.2	233.7	203.3	173.3	145.6	118.2	91.1	69.4	51.4	38.2	28.0
-52.5°	247.0	218.2	188.4	160.1	134.6	109.2	85.5	64.9	48.6	36.3	26.5
-55°	228.9	200.3	171.8	147.0	123.1	100.7	79.0	60.2	45.0	34.1	24.7
-57.5°	207.7	180.0	156.6	134.0	111.7	91.2	71.8	54.5	41.7	31.7	22.8
-60°	186.0	163.5	142.2	120.1	99.5	81.0	63.6	48.8	38.4	29.0	20.6
-62.5°	166.7	146.2	125.1	104.9	86.9	70.2	55.1	44.5	34.7	26.0	18.2
-65°	145.0	125.5	106.7	90.1	74.1	60.1	49.5	39.7	30.8	22.7	16.0
-67.5°	121.6	106.1	90.3	75.2	63.4	53.1	43.5	34.6	26.6	19.3	14.7
-70°	102.8	88.3	75.3	64.6	54.8	45.6	37.1	29.2	22.1	17.3	13.2
-72.5°	84.8	73.6	63.4	54.2	45.7	37.8	30.4	24.0	19.2	15.1	11.7
-75°	67.6	59.4	51.4	43.5	36.3	29.8	24.9	20.2	16.2	12.8	10.2
-77.5°	54.1	46.9	39.5	33.9	29.5	25.0	20.5	16.2	13.4	11.1	8.8
-80°	41.7	36.6	32.2	28.3	24.3	20.2	16.7	13.7	11.6	9.5	7.4
-82.5°	30.0	27.3	24.9	22.7	19.5	16.6	13.9	11.6	9.7	7.8	5.8
-85°	20.5	19.2	18.0	16.9	14.8	12.8	10.7	8.7	6.9	5.3	3.9
-87.5°	10.5	10.0	9.4	8.9	7.6	6.4	5.3	4.3	3.4	2.6	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

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CATALOG NUMBER: GFLD-SA5B-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	0.9	0.0
67.5°	1.8	1.6	1.6	0.6	0.3	1.1	0.0
65°	3.0	2.2	2.1	1.1	0.4	1.2	0.0
62.5°	4.1	3.0	2.7	1.7	0.5	1.3	0.0
60°	5.1	3.6	3.3	2.2	0.7	1.5	0.0
57.5°	5.2	4.2	3.7	2.7	1.1	1.6	0.0
55°	5.2	4.8	4.0	3.3	1.6	1.8	0.0
52.5°	5.2	5.2	4.3	3.9	2.0	1.9	0.0
50°	5.2	5.2	4.6	4.4	2.3	2.1	0.0
47.5°	5.2	5.2	4.8	4.9	2.7	2.2	0.0
45°	5.2	5.2	5.0	5.1	3.0	2.4	0.0
42.5°	5.2	5.2	5.1	5.2	3.3	2.5	0.0
40°	5.2	5.2	5.2	5.2	3.6	2.7	0.0
37.5°	5.2	5.2	5.2	5.2	3.9	2.9	0.0
35°	5.2	5.2	5.2	5.2	4.1	3.0	0.0
32.5°	5.4	5.2	5.2	5.2	4.3	3.2	0.0
30°	5.9	5.2	5.2	5.2	4.5	3.4	0.0
27.5°	6.5	5.2	5.2	5.2	4.7	3.5	0.0
25°	7.1	5.2	5.2	5.2	4.8	3.7	0.0
22.5°	7.7	5.3	5.2	5.2	4.9	3.9	0.0
20°	8.3	5.7	5.2	5.2	5.0	4.1	0.0
17.5°	9.3	6.1	5.2	5.2	5.1	4.2	0.0
15°	10.3	6.6	5.2	5.2	5.1	4.4	0.0
12.5°	11.3	7.2	5.2	5.2	5.1	4.5	0.0
10°	12.2	7.8	5.2	5.2	5.2	4.7	0.0
7.5°	13.1	8.5	5.2	5.2	5.2	4.8	0.0
5°	14.0	9.1	5.2	5.2	5.2	5.0	0.0
2.5°	14.8	9.7	5.2	5.2	5.2	5.1	0.0
0°	15.5	10.3	5.2	5.2	5.2	5.2	0.0
-2.5°	16.8	10.9	5.6	5.2	5.2	5.2	0.0
-5°	18.1	11.4	6.1	5.2	5.2	5.2	0.0
-7.5°	19.2	11.8	6.5	5.2	5.2	5.2	0.0
-10°	20.2	12.2	6.9	5.2	5.2	5.1	0.0
-12.5°	21.1	12.5	7.2	5.2	5.2	5.1	0.0
-15°	21.7	12.8	7.5	5.2	5.2	5.0	0.0
-17.5°	22.2	13.1	7.7	5.2	5.2	5.0	0.0
-20°	22.5	13.2	7.9	5.2	5.2	4.9	0.0

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CATALOG NUMBER: GFLD-SA5B-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.8	13.3	7.9	5.2	5.2	4.8	0.0
-25°	22.9	13.7	7.9	5.2	5.2	4.7	0.0
-27.5°	22.9	14.0	7.8	5.2	5.2	4.6	0.0
-30°	22.8	14.2	7.6	5.2	5.2	4.5	0.0
-32.5°	22.5	14.3	7.6	5.2	5.2	4.4	0.0
-35°	22.5	14.3	7.5	5.2	5.2	4.3	0.0
-37.5°	22.4	14.2	7.3	5.2	5.2	4.1	0.0
-40°	22.1	13.9	7.0	5.2	5.2	4.0	0.0
-42.5°	21.6	13.5	7.0	5.3	5.2	3.8	0.0
-45°	21.0	12.9	7.2	5.4	5.2	3.7	0.0
-47.5°	20.1	12.3	7.3	5.5	5.2	3.5	0.0
-50°	19.1	11.5	7.4	5.6	5.2	3.3	0.0
-52.5°	17.9	10.5	7.4	5.6	5.2	3.2	0.0
-55°	16.5	10.2	7.3	5.6	5.2	3.0	0.0
-57.5°	15.0	10.0	7.2	5.6	5.2	2.8	0.0
-60°	13.4	9.7	7.1	5.6	5.2	2.6	0.0
-62.5°	12.7	9.3	6.9	5.5	4.8	2.4	0.0
-65°	11.9	8.8	6.6	5.4	4.4	2.2	0.0
-67.5°	11.0	8.2	6.3	5.3	4.0	2.0	0.0
-70°	10.0	7.6	6.0	5.2	3.6	1.8	0.0
-72.5°	8.9	6.9	5.7	4.7	3.1	1.6	0.0
-75°	7.8	6.2	5.3	4.0	2.7	1.3	0.0
-77.5°	6.6	5.5	4.5	3.4	2.2	1.1	0.0
-80°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)