

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: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627648 (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-SA5C-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: -

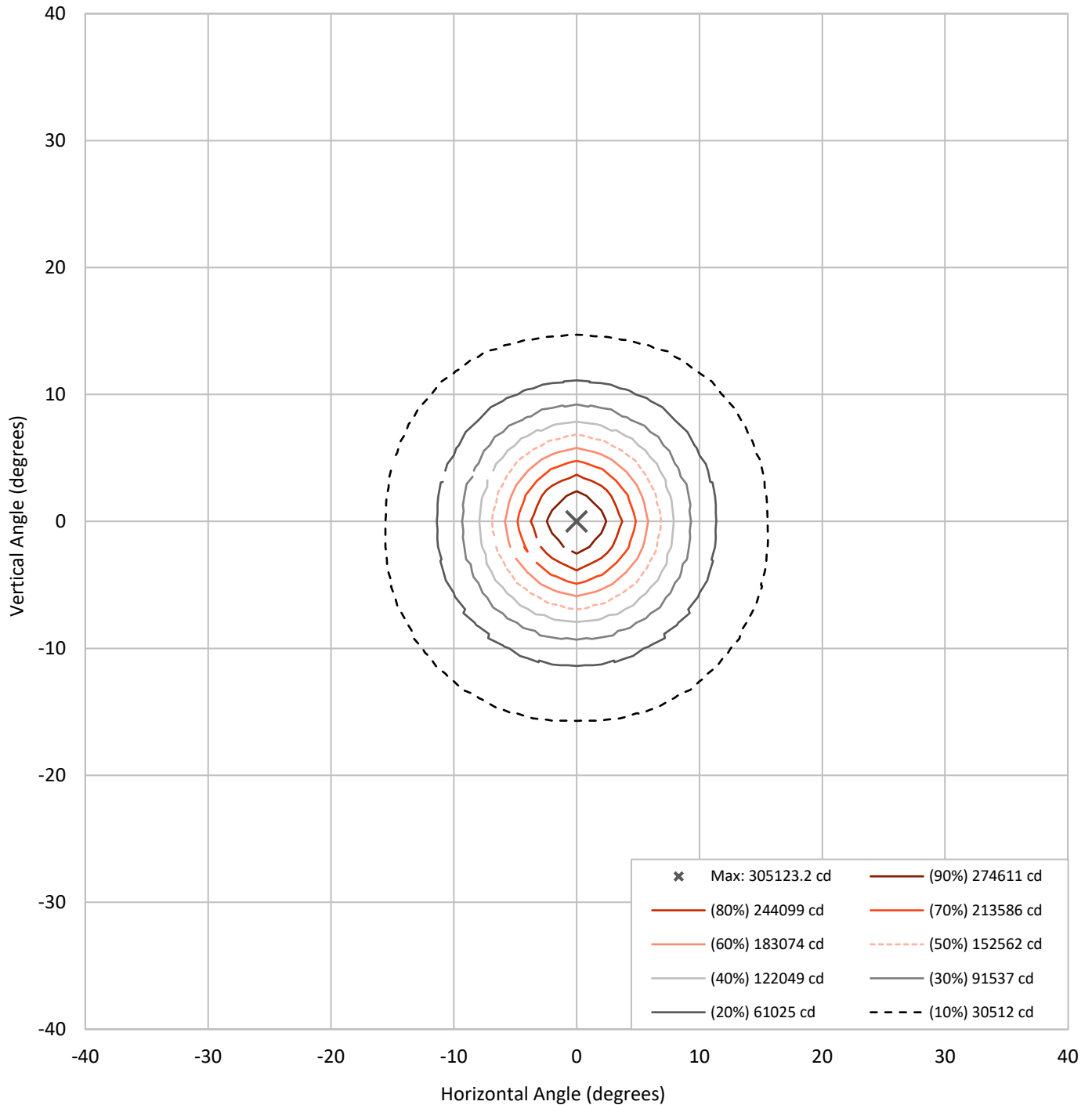
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30101 lumens	Max Intensity:	305123.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.1 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:	9609.6 lumens	Field Lumens:	21403.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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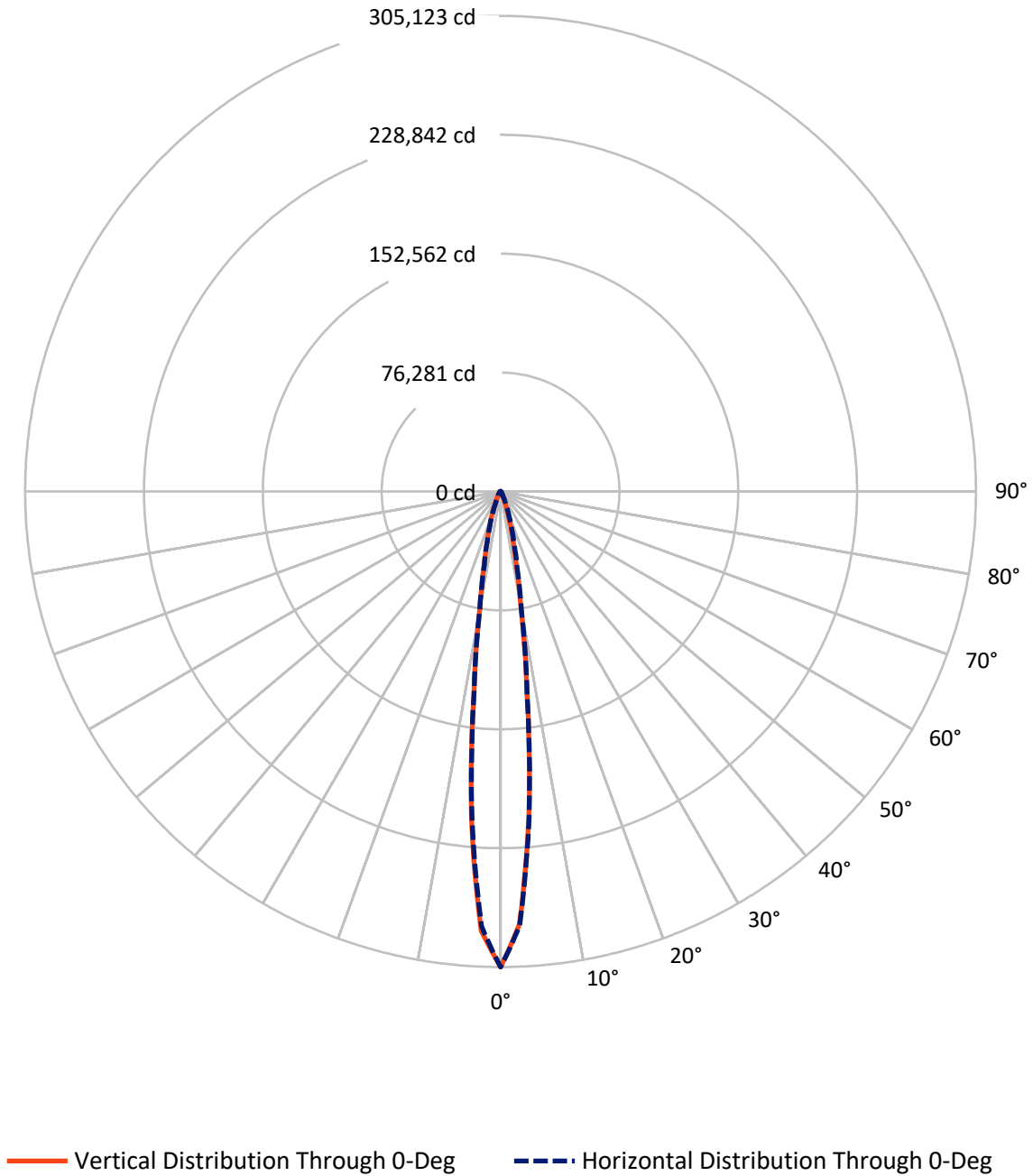
CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

### 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	0.7	1.7	2.7	3.6	4.3	4.3	3.6	2.7	1.7	0.7	0.2		0.1			
40	0.1	0.2	0.9	2.6	4.9	7.2	10.2	12.0	12.0	10.2	7.2	4.9	2.6	0.9	0.2	0.1			
30		0.4	2.1	5.1	9.1	14.4	24.5	31.2	31.2	24.5	14.4	9.1	5.1	2.1	0.4				
20	0.3	0.8	3.4	7.7	14.1	30.6	81.8	135.4	135.4	81.8	30.6	14.1	7.7	3.4	0.8	0.3			
10		1.3	4.6	10.7	23.3	91.5	385.9	848.1	848.1	385.9	91.5	23.3	10.7	4.6	1.3				
0	0.5	1.6	5.6	12.6	31.6	171.8	924.6	4146.6	4146.6	924.6	171.8	31.6	12.6	5.6	1.6	0.5			
-10		1.9	6.1	13.3	34.0	183.1	957.0	4217.0	4217.0	957.0	183.1	34.0	13.3	6.1	1.9				
-20	0.6	2.0	6.2	13.0	29.8	116.5	464.6	993.7	993.7	464.6	116.5	29.8	13.0	6.2	2.0	0.6			
-30		1.9	5.9	12.0	23.0	54.4	143.1	238.6	238.6	143.1	54.4	23.0	12.0	5.9	1.9				
-40	0.5	1.6	5.3	10.6	18.0	29.9	48.7	61.8	61.8	48.7	29.9	18.0	10.6	5.3	1.6	0.5			
-50		1.3	4.4	8.8	14.6	20.9	28.1	31.3	31.3	28.1	20.9	14.6	8.8	4.4	1.3				
-60	0.4	1.0	3.3	6.9	11.5	16.0	20.3	22.1	22.1	20.3	16.0	11.5	6.9	3.3	1.0	0.4			
-70		0.7	2.0	4.5	7.7	11.2	14.1	15.5	15.5	14.1	11.2	7.7	4.5	2.0	0.7				
-80	0.1	1.8	7.6	16.6	21.1	16.6	7.6	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

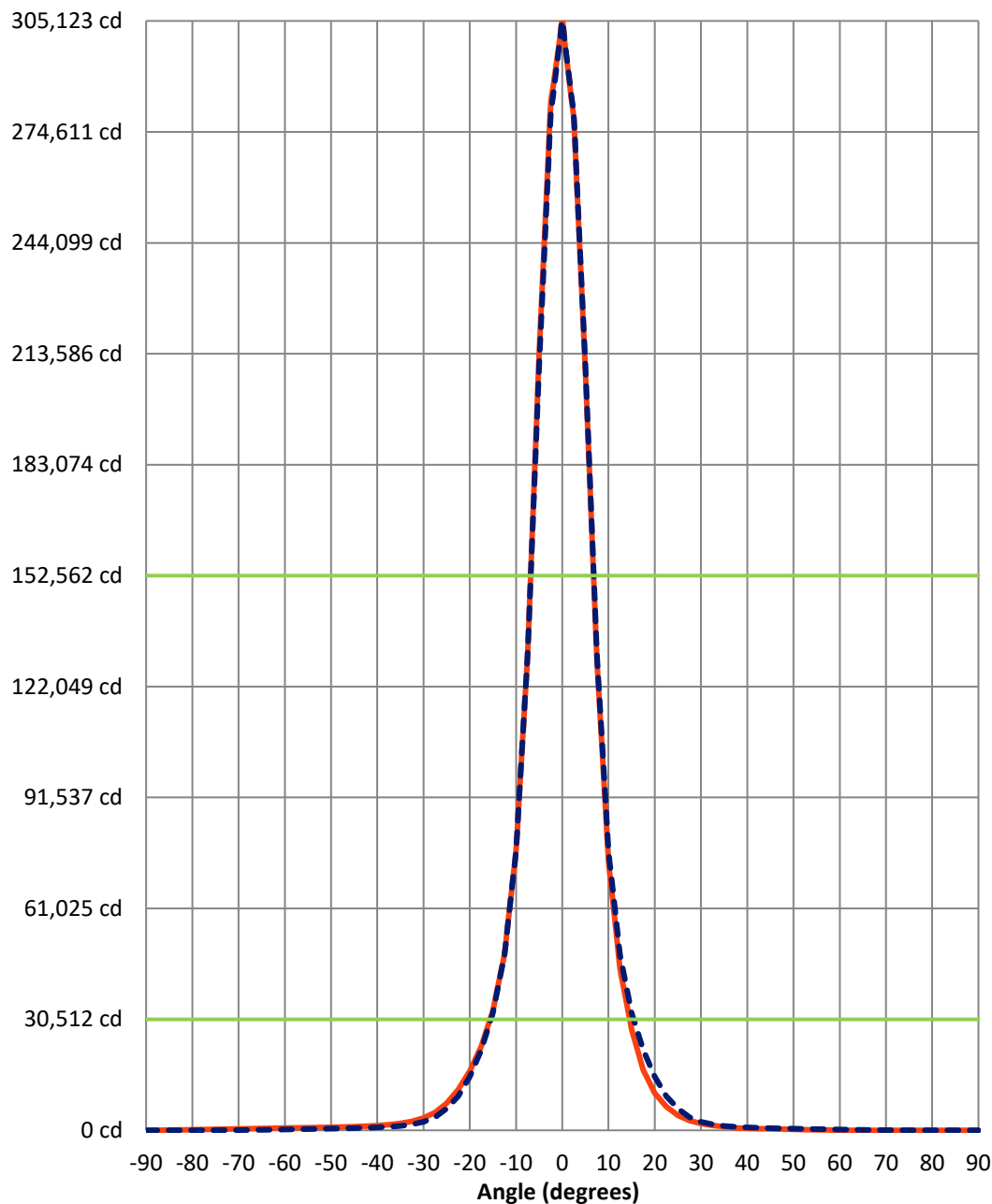
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 9609.6  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 21403.7  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 8697.3  
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.4	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.5	0.8	2.0	2.7	2.4	0.9
67.5°	0.0	1.3	0.4	0.8	2.0	2.0	2.3	3.7	4.2	2.6	1.1
65°	0.0	1.5	0.5	1.4	2.6	2.8	3.8	5.4	4.4	2.9	2.0
62.5°	0.0	1.7	0.7	2.1	3.3	3.7	5.1	6.1	4.6	3.4	4.1
60°	0.0	1.8	0.9	2.7	4.1	4.5	6.4	6.3	4.9	4.7	6.0
57.5°	0.0	2.0	1.4	3.4	4.6	5.3	6.5	6.5	5.5	5.8	6.5
55°	0.0	2.2	2.0	4.1	5.0	6.0	6.5	6.5	6.0	6.5	6.5
52.5°	0.0	2.4	2.5	4.8	5.4	6.5	6.5	6.5	6.4	6.5	6.5
50°	0.0	2.6	2.9	5.6	5.7	6.5	6.5	6.5	6.5	6.5	7.5
47.5°	0.0	2.8	3.4	6.2	6.0	6.5	6.5	6.5	6.5	6.5	9.0
45°	0.0	3.0	3.8	6.3	6.3	6.5	6.5	6.5	6.7	8.1	10.6
42.5°	0.0	3.2	4.2	6.5	6.4	6.5	6.5	6.7	7.1	9.8	14.3
40°	0.0	3.4	4.5	6.5	6.5	6.5	6.5	7.2	8.2	11.8	18.4
37.5°	0.0	3.6	4.9	6.5	6.5	6.5	6.5	7.9	10.5	14.9	22.7
35°	0.0	3.8	5.1	6.5	6.5	6.5	6.5	8.6	12.9	19.0	27.8
32.5°	0.0	4.0	5.4	6.5	6.5	6.5	6.7	9.5	15.3	22.9	34.5
30°	0.0	4.2	5.6	6.5	6.5	6.5	7.4	10.8	17.9	26.8	41.8
27.5°	0.0	4.4	5.8	6.5	6.5	6.5	8.1	12.8	20.8	30.4	49.6
25°	0.0	4.6	6.0	6.5	6.5	6.5	8.8	14.9	23.9	35.8	57.9
22.5°	0.0	4.9	6.1	6.5	6.5	6.6	9.6	17.0	26.8	42.3	67.8
20°	0.0	5.1	6.2	6.5	6.5	7.1	10.4	19.0	29.6	48.9	76.9
17.5°	0.0	5.3	6.3	6.5	6.5	7.7	11.6	21.0	32.2	55.6	85.3
15°	0.0	5.5	6.4	6.5	6.5	8.3	12.9	23.1	34.6	62.1	92.8
12.5°	0.0	5.7	6.4	6.5	6.5	9.0	14.1	25.0	37.9	68.5	99.5
10°	0.0	5.8	6.5	6.5	6.5	9.8	15.3	26.8	42.0	74.4	105.5
7.5°	0.0	6.0	6.5	6.5	6.5	10.6	16.5	28.4	46.3	79.5	110.8
5°	0.0	6.2	6.5	6.5	6.5	11.4	17.5	29.9	50.4	83.8	115.4
2.5°	0.0	6.4	6.5	6.5	6.5	12.2	18.5	31.2	54.4	87.4	119.4
0°	0.0	6.5	6.5	6.5	6.5	12.9	19.4	32.3	58.1	90.4	122.7
-2.5°	0.0	6.5	6.5	6.5	7.1	13.6	21.1	34.2	61.4	92.8	126.9
-5°	0.0	6.5	6.5	6.5	7.6	14.2	22.7	36.0	64.3	94.7	130.3
-7.5°	0.0	6.4	6.5	6.5	8.1	14.8	24.1	37.6	66.6	96.1	132.9
-10°	0.0	6.4	6.5	6.5	8.6	15.3	25.3	39.0	68.3	97.1	134.5
-12.5°	0.0	6.3	6.5	6.5	9.0	15.7	26.4	40.2	69.3	98.1	137.0
-15°	0.0	6.3	6.5	6.5	9.4	16.1	27.2	41.2	69.6	100.1	139.3
-17.5°	0.0	6.2	6.5	6.5	9.7	16.3	27.8	42.1	69.1	101.1	140.4
-20°	0.0	6.1	6.5	6.5	9.8	16.6	28.1	43.0	68.1	101.1	140.1

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CATALOG NUMBER: GFLD-SA5C-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	6.0	6.5	6.5	9.9	16.7	28.5	43.5	66.6	99.9	138.5
-25°	0.0	5.9	6.5	6.5	9.9	17.1	28.7	43.7	64.5	97.6	135.5
-27.5°	0.0	5.8	6.5	6.5	9.7	17.5	28.7	43.6	61.9	94.3	132.6
-30°	0.0	5.6	6.5	6.5	9.5	17.8	28.5	43.1	60.6	90.8	128.2
-32.5°	0.0	5.5	6.5	6.5	9.5	18.0	28.2	42.6	59.8	86.8	122.1
-35°	0.0	5.3	6.5	6.5	9.4	17.9	28.1	42.0	58.6	82.2	114.3
-37.5°	0.0	5.2	6.5	6.5	9.1	17.7	28.0	41.3	56.9	77.0	109.9
-40°	0.0	5.0	6.5	6.5	8.8	17.4	27.6	40.3	54.7	73.7	105.9
-42.5°	0.0	4.8	6.5	6.6	8.7	16.9	27.1	39.1	53.0	72.2	100.8
-45°	0.0	4.6	6.5	6.7	9.0	16.2	26.2	37.9	51.5	70.0	95.3
-47.5°	0.0	4.4	6.5	6.9	9.1	15.4	25.2	36.6	49.7	66.9	91.7
-50°	0.0	4.2	6.5	6.9	9.2	14.4	23.9	35.0	47.8	64.4	86.9
-52.5°	0.0	4.0	6.5	7.0	9.2	13.2	22.4	33.1	45.4	60.9	81.2
-55°	0.0	3.7	6.5	7.0	9.2	12.8	20.7	31.0	42.7	56.3	75.3
-57.5°	0.0	3.5	6.5	7.0	9.0	12.5	18.7	28.5	39.7	52.2	68.2
-60°	0.0	3.2	6.5	7.0	8.8	12.1	16.8	25.8	36.2	48.1	61.1
-62.5°	0.0	3.0	6.0	6.9	8.6	11.6	15.9	22.8	32.5	43.5	55.7
-65°	0.0	2.7	5.5	6.8	8.3	11.0	14.9	20.1	28.5	38.5	49.7
-67.5°	0.0	2.5	5.0	6.7	7.9	10.3	13.8	18.4	24.2	33.2	43.3
-70°	0.0	2.2	4.4	6.5	7.5	9.5	12.5	16.6	21.6	27.6	36.6
-72.5°	0.0	2.0	3.9	5.8	7.1	8.7	11.2	14.6	18.9	24.0	30.0
-75°	0.0	1.7	3.4	5.0	6.6	7.8	9.8	12.8	16.0	20.3	25.3
-77.5°	0.0	1.4	2.8	4.2	5.6	6.8	8.3	11.0	13.9	16.8	20.3
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	9.2	11.9	14.5	17.1
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	7.2	9.8	12.1	14.5
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.8	6.6	8.6	10.8
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.4	3.3	4.3	5.4
-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	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.9	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.2	4.2	3.2	1.7	0.1	1.5	2.2	1.7	0.2	0.0	0.0
62.5°	6.0	5.1	3.6	2.7	3.7	4.9	3.8	2.2	0.6	3.1	4.5
60°	6.5	5.5	4.6	5.1	6.6	5.8	4.3	6.3	9.5	11.9	14.4
57.5°	6.5	6.0	5.9	7.0	7.4	7.4	11.4	15.2	21.4	26.7	30.2
55°	6.7	6.4	7.4	8.8	10.9	15.5	21.1	29.7	36.7	47.3	56.4
52.5°	7.4	7.3	9.8	13.2	19.6	26.7	36.7	48.9	62.7	73.1	84.0
50°	8.4	10.8	13.8	22.2	30.8	42.0	58.4	76.2	87.9	99.6	115.3
47.5°	11.5	14.6	22.7	32.4	44.9	62.7	85.4	98.3	109.8	128.1	147.7
45°	15.5	22.0	31.9	45.3	62.6	87.5	105.4	116.0	135.8	157.1	179.4
42.5°	19.8	30.3	43.9	58.0	85.2	108.9	125.1	141.8	161.8	186.7	210.9
40°	26.8	38.6	57.0	79.1	106.8	130.0	150.2	169.4	189.1	221.6	247.3
37.5°	34.0	51.1	71.9	99.4	128.1	153.5	176.2	200.1	228.3	265.0	288.1
35°	41.0	64.1	89.5	118.8	149.3	178.0	205.2	233.2	269.8	304.5	332.2
32.5°	50.8	77.4	106.0	137.7	169.1	201.6	234.5	268.1	304.1	339.6	375.8
30°	63.0	91.5	121.7	155.7	187.3	224.8	263.0	298.6	334.9	372.1	413.2
27.5°	75.4	104.8	137.4	171.7	204.9	247.6	288.9	326.0	363.2	403.3	450.1
25°	86.8	118.1	152.2	186.0	225.0	270.9	316.0	358.9	390.4	436.1	490.8
22.5°	97.8	131.1	167.8	198.9	244.4	294.3	346.8	392.9	430.2	471.1	533.1
20°	108.6	144.5	182.4	217.3	263.8	317.5	379.8	427.4	473.7	526.3	589.7
17.5°	119.0	157.1	196.8	238.2	287.4	342.9	413.6	462.1	517.4	580.4	660.3
15°	128.8	168.6	211.2	257.7	308.6	368.4	436.6	497.1	563.2	635.9	730.3
12.5°	137.9	179.2	225.5	275.8	327.2	390.3	455.8	520.2	596.3	691.4	810.1
10°	146.3	188.8	239.2	292.4	343.5	408.8	472.9	539.8	620.0	724.6	860.4
7.5°	153.3	198.5	252.3	307.4	357.4	424.0	487.5	555.9	639.9	752.0	894.3
5°	159.1	208.6	264.5	317.1	369.1	437.2	499.8	568.7	655.8	773.4	918.5
2.5°	164.0	217.9	275.1	324.1	379.1	449.2	509.6	582.9	671.9	790.0	941.2
0°	167.9	226.0	284.2	329.4	387.5	458.6	516.7	594.2	684.6	800.8	962.3
-2.5°	175.8	232.8	289.6	335.5	396.4	460.1	521.4	595.8	689.4	809.2	966.2
-5°	182.3	238.2	293.5	340.2	403.0	459.9	523.4	594.4	691.0	814.0	973.2
-7.5°	187.4	242.4	296.1	343.8	406.6	462.0	526.3	599.0	696.1	818.4	982.4
-10°	190.7	245.4	298.2	348.4	407.5	464.2	527.4	600.1	695.2	815.6	977.4
-12.5°	192.4	247.1	299.3	350.9	407.3	464.0	525.9	597.2	688.1	805.4	957.4
-15°	192.9	247.8	299.1	351.2	406.3	461.3	521.7	590.5	675.3	788.1	926.1
-17.5°	192.3	247.4	297.9	349.1	404.9	456.0	515.3	581.3	662.3	767.8	900.7
-20°	190.7	246.1	295.6	344.4	402.7	451.1	508.9	572.7	648.8	744.4	863.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	188.0	243.8	292.4	339.7	395.6	446.5	500.5	561.3	629.6	716.0	821.5
-25°	184.9	239.2	288.3	336.1	387.4	439.5	489.9	547.7	610.5	693.5	788.5
-27.5°	180.7	233.7	282.7	331.0	378.8	430.0	479.4	533.9	596.1	669.3	754.2
-30°	174.8	225.8	274.9	324.1	371.2	419.4	467.0	519.1	577.5	646.6	725.0
-32.5°	167.2	217.1	265.0	313.7	362.7	408.7	453.5	503.5	558.5	619.0	693.6
-35°	159.6	207.6	254.4	300.8	352.5	396.8	439.9	485.8	536.9	593.2	654.0
-37.5°	152.4	197.4	243.1	286.8	335.8	382.0	424.0	467.6	514.8	566.4	621.6
-40°	144.7	186.6	231.2	273.8	316.7	363.8	405.7	447.8	491.5	543.3	592.4
-42.5°	136.7	177.4	218.7	260.4	301.4	343.5	385.4	425.7	471.8	520.9	569.0
-45°	130.0	167.8	206.1	246.7	287.1	325.1	364.4	402.1	448.9	497.9	545.1
-47.5°	122.1	158.0	195.1	231.9	271.5	309.6	344.8	383.0	422.8	469.1	518.5
-50°	114.0	148.0	182.3	216.9	254.5	292.5	328.3	363.5	401.1	439.1	481.8
-52.5°	107.1	136.7	168.5	200.4	235.9	273.1	309.3	344.5	379.1	414.8	451.2
-55°	99.0	126.1	154.1	184.0	215.1	250.7	286.6	321.0	356.3	389.7	425.3
-57.5°	89.9	114.2	139.8	167.7	196.1	225.3	260.1	294.3	327.4	361.2	398.0
-60°	79.6	101.4	124.6	150.3	177.9	204.7	232.9	264.6	296.6	328.6	362.5
-62.5°	69.0	87.9	108.8	131.3	156.6	182.9	208.7	235.7	264.5	292.4	321.8
-65°	62.0	75.3	92.8	112.8	133.6	157.1	181.5	206.4	231.8	255.4	278.1
-67.5°	54.4	66.4	79.4	94.1	113.0	132.8	152.3	174.6	197.4	219.1	240.3
-70°	46.4	57.1	68.6	80.8	94.3	110.5	128.7	146.6	164.0	182.3	201.9
-72.5°	38.0	47.3	57.2	67.9	79.3	92.1	106.2	121.5	137.0	152.1	167.4
-75°	31.2	37.3	45.5	54.5	64.4	74.4	84.6	96.7	109.8	123.1	136.0
-77.5°	25.7	31.3	36.9	42.5	49.5	58.7	67.8	76.7	85.9	95.9	106.5
-80°	20.9	25.3	30.4	35.5	40.3	45.9	52.2	59.2	65.7	72.3	79.6
-82.5°	17.4	20.8	24.4	28.4	31.2	34.2	37.5	41.7	45.9	50.4	55.0
-85°	13.3	16.1	18.5	21.2	22.5	24.0	25.6	27.4	30.1	32.8	35.5
-87.5°	6.7	8.1	9.5	11.1	11.8	12.5	13.1	13.7	15.5	17.3	19.2
-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: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	0.4	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.8	3.1	5.0	6.7	7.4	7.2	6.6	5.9	5.0	4.7	5.3
60°	15.5	15.2	21.2	24.1	21.9	15.4	24.3	28.7	27.6	23.7	23.5
57.5°	37.9	46.1	52.0	54.6	63.1	77.0	79.6	75.0	73.4	74.9	86.5
55°	65.7	72.3	75.7	87.4	97.8	105.3	109.8	114.3	120.9	128.9	137.3
52.5°	92.9	101.9	108.9	119.4	131.8	136.1	134.9	150.9	163.4	171.4	174.6
50°	127.5	138.9	154.9	171.3	178.5	185.4	192.8	205.9	225.0	248.8	262.4
47.5°	164.9	182.7	199.6	218.3	227.8	235.2	246.2	269.0	296.2	321.9	335.2
45°	198.6	214.4	233.7	249.9	261.7	275.9	291.8	312.4	342.9	369.7	388.2
42.5°	225.6	243.5	263.3	282.9	294.8	314.1	338.2	366.3	398.2	426.0	446.6
40°	263.6	278.7	310.3	328.9	333.6	351.5	399.9	438.3	474.3	508.6	525.6
37.5°	309.4	338.8	371.6	388.5	405.1	436.9	501.6	563.6	609.5	655.9	681.2
35°	361.3	400.0	444.7	464.7	500.4	569.6	645.6	731.8	839.2	884.2	925.1
32.5°	411.9	455.2	496.4	541.2	603.7	686.3	771.9	911.8	1042.4	1143.5	1217.4
30°	456.7	502.6	553.8	611.5	699.5	813.4	956.3	1137.3	1321.4	1482.1	1618.0
27.5°	501.0	553.2	614.1	700.2	824.0	978.7	1206.8	1465.0	1772.3	1998.8	2269.2
25°	549.6	609.3	687.4	812.2	979.3	1210.5	1575.2	1994.5	2498.5	2907.1	3334.8
22.5°	607.1	695.3	794.2	933.5	1225.1	1606.2	2104.5	2821.1	3596.4	4313.2	5003.4
20°	676.5	797.1	956.1	1212.2	1586.7	2150.0	3015.8	4159.5	5299.7	6513.9	7682.9
17.5°	775.6	949.4	1196.4	1561.0	2054.5	3168.8	4573.6	6342.6	8615.1	10674.6	12472.8
15°	868.6	1076.3	1466.2	2011.3	2872.0	4348.9	6482.5	9402.2	12944.0	16171.9	19581.2
12.5°	966.2	1211.4	1659.2	2353.3	3549.3	5471.9	8470.5	12471.0	16905.9	21770.7	27311.9
10°	1043.4	1341.2	1877.4	2757.3	4231.7	6625.9	10197.6	15049.3	20942.7	28142.3	37000.3
7.5°	1095.7	1445.2	2057.6	3053.1	4859.9	7806.1	12105.8	17937.4	25305.1	34843.0	47237.7
5°	1136.4	1524.6	2193.1	3322.9	5391.3	8707.0	13519.5	20466.3	29182.0	41961.1	62966.7
2.5°	1169.2	1585.4	2276.9	3508.6	5724.9	9334.4	14468.0	21897.1	31489.8	47223.8	74475.7
0°	1194.8	1640.4	2331.5	3623.2	5980.5	9397.1	14764.0	22159.0	32318.1	48173.6	76952.5
-2.5°	1205.7	1669.9	2350.3	3648.3	5955.0	9504.8	14854.4	22368.1	32287.0	47653.2	74186.2
-5°	1223.8	1669.4	2336.1	3622.7	5821.5	9226.3	14264.4	21197.8	30339.2	43554.7	65292.8
-7.5°	1236.9	1642.8	2268.5	3458.5	5472.0	8624.4	13227.9	19258.6	26794.0	36828.3	50291.3
-10°	1224.9	1591.7	2155.7	3183.1	4928.6	7658.7	11651.6	16698.7	22961.4	30397.6	39544.7
-12.5°	1178.9	1497.3	1971.7	2797.5	4224.9	6577.0	10065.7	14363.0	18998.3	24220.7	30541.5
-15°	1120.6	1395.6	1805.9	2532.9	3703.2	5504.9	8051.9	11538.0	15256.4	19221.6	23449.9
-17.5°	1075.2	1306.3	1646.1	2172.4	3033.2	4465.7	6467.3	8943.8	11676.3	14695.2	17200.8
-20°	1013.8	1196.4	1481.6	1911.4	2568.2	3517.3	4975.0	6774.2	8577.3	10699.9	12430.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	952.2	1111.4	1328.4	1642.9	2131.5	2848.6	3749.2	4950.6	6269.2	7487.5	8686.8
-25°	895.1	1017.7	1193.2	1451.2	1782.7	2272.1	2913.1	3602.3	4471.4	5213.0	6036.1
-27.5°	848.9	954.1	1083.7	1272.9	1530.1	1844.8	2303.8	2765.6	3222.7	3597.0	4163.6
-30°	804.2	888.9	997.3	1132.2	1325.0	1567.6	1865.5	2165.1	2428.9	2669.5	2964.5
-32.5°	760.4	829.3	912.4	1024.4	1162.8	1345.1	1528.2	1742.9	1926.2	2095.4	2252.0
-35°	716.4	777.8	841.0	935.5	1045.9	1175.4	1308.5	1454.0	1580.9	1694.8	1795.6
-37.5°	676.8	730.7	790.2	860.5	949.4	1046.9	1155.7	1261.3	1345.1	1419.1	1480.2
-40°	643.3	692.3	743.3	799.6	867.2	944.2	1036.5	1124.5	1183.3	1228.4	1265.5
-42.5°	613.4	656.6	700.0	747.7	799.7	866.3	939.2	1011.8	1051.7	1086.7	1113.5
-45°	589.4	622.5	659.0	699.8	745.8	801.6	858.9	909.1	944.5	974.6	997.0
-47.5°	557.7	589.6	621.2	654.9	697.7	744.2	791.6	830.2	861.1	887.3	904.4
-50°	522.7	556.3	585.2	614.9	654.3	693.7	731.8	763.8	793.3	818.9	832.4
-52.5°	486.5	522.6	552.9	581.8	615.0	649.3	683.7	711.1	736.9	761.1	771.3
-55°	460.5	493.7	525.1	552.3	579.5	607.1	635.2	663.5	689.0	712.0	718.8
-57.5°	432.3	466.1	497.2	521.6	546.3	571.1	596.8	622.4	647.0	669.0	674.6
-60°	398.0	434.6	462.2	485.2	509.2	533.8	556.1	578.9	601.9	621.1	627.3
-62.5°	354.3	387.7	414.9	439.2	462.3	483.7	505.5	526.8	547.5	562.6	567.6
-65°	302.0	330.4	358.5	383.9	406.7	427.2	447.3	466.8	485.5	498.9	505.6
-67.5°	260.8	281.2	303.8	325.6	348.6	369.7	387.8	404.9	421.0	432.3	439.4
-70°	221.0	240.5	261.6	282.4	302.3	319.5	334.0	348.1	361.7	371.8	379.3
-72.5°	182.9	199.4	217.0	235.4	253.6	269.2	282.5	295.0	306.8	315.4	322.4
-75°	148.6	162.2	177.0	191.9	206.7	219.0	230.1	240.9	251.4	259.0	265.4
-77.5°	117.9	129.4	141.0	152.7	164.3	173.2	181.4	189.4	197.1	203.2	208.6
-80°	87.3	96.4	105.7	115.0	124.2	131.0	137.2	143.0	148.5	152.0	155.2
-82.5°	59.7	66.0	72.5	79.0	85.6	90.7	95.5	100.3	105.0	106.7	107.9
-85°	38.1	41.2	44.6	48.2	51.9	54.7	57.4	59.9	62.4	64.6	66.7
-87.5°	21.1	21.8	22.3	22.9	23.4	25.3	27.3	29.2	31.2	31.5	31.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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	0.6	1.4
62.5°	5.8	6.2	6.4	6.5	6.4	6.2	5.8	5.3	4.7	5.0	5.9
60°	22.1	19.7	19.2	19.4	19.2	19.7	22.1	23.5	23.7	27.6	28.7
57.5°	98.3	109.3	112.3	109.8	112.3	109.3	98.3	86.5	74.9	73.4	75.0
55°	143.0	146.4	148.0	148.5	148.0	146.4	143.0	137.3	128.9	120.9	114.3
52.5°	175.4	174.2	174.0	174.4	174.0	174.2	175.4	174.6	171.4	163.4	150.9
50°	263.5	258.7	256.8	258.3	256.8	258.7	263.5	262.4	248.8	225.0	205.9
47.5°	336.8	338.3	340.6	342.3	340.6	338.3	336.8	335.2	321.9	296.2	269.0
45°	393.4	396.8	399.1	400.4	399.1	396.8	393.4	388.2	369.7	342.9	312.4
42.5°	451.1	451.5	450.9	452.1	450.9	451.5	451.1	446.6	426.0	398.2	366.3
40°	532.6	534.3	532.5	529.6	532.5	534.3	532.6	525.6	508.6	474.3	438.3
37.5°	696.0	698.3	690.6	684.6	690.6	698.3	696.0	681.2	655.9	609.5	563.6
35°	962.5	990.1	1003.3	1007.5	1003.3	990.1	962.5	925.1	884.2	839.2	731.8
32.5°	1268.6	1307.0	1326.3	1343.4	1326.3	1307.0	1268.6	1217.4	1143.5	1042.4	911.8
30°	1707.2	1778.0	1809.2	1853.6	1809.2	1778.0	1707.2	1618.0	1482.1	1321.4	1137.3
27.5°	2422.7	2547.3	2616.3	2680.3	2616.3	2547.3	2422.7	2269.2	1998.8	1772.3	1465.0
25°	3645.6	3885.5	4040.7	4114.0	4040.7	3885.5	3645.6	3334.8	2907.1	2498.5	1994.5
22.5°	5671.3	6113.6	6454.7	6523.0	6454.7	6113.6	5671.3	5003.4	4313.2	3596.4	2821.1
20°	8816.9	9449.7	9964.5	10223.7	9964.5	9449.7	8816.9	7682.9	6513.9	5299.7	4159.5
17.5°	14614.4	15930.6	16531.8	16630.5	16531.8	15930.6	14614.4	12472.8	10674.6	8615.1	6342.6
15°	23239.3	25466.5	26880.3	27790.7	26880.3	25466.5	23239.3	19581.2	16171.9	12944.0	9402.2
12.5°	33080.1	39408.6	43009.6	44382.5	43009.6	39408.6	33080.1	27311.9	21770.7	16905.9	12471.0
10°	46436.1	61334.4	69928.4	74252.8	69928.4	61334.4	46436.1	37000.3	28142.3	20942.7	15049.3
7.5°	69104.6	92115.1	117609.9	129404.8	117609.9	92115.1	69104.6	47237.7	34843.0	25305.1	17937.4
5°	92934.7	143456.4	187799.8	209034.3	187799.8	143456.4	92934.7	62966.7	41961.1	29182.0	20466.3
2.5°	120323.4	188456.9	251451.7	277939.6	251451.7	188456.9	120323.4	74475.7	47223.8	31489.8	21897.1
0°	130864.4	210229.1	279124.7	305123.2	279124.7	210229.1	130864.4	76952.5	48173.6	32318.1	22159.0
-2.5°	121953.0	191757.6	252534.0	282240.9	252534.0	191757.6	121953.0	74186.2	47653.2	32287.0	22368.1
-5°	96897.9	144247.1	189257.8	213464.8	189257.8	144247.1	96897.9	65292.8	43554.7	30339.2	21197.8
-7.5°	71117.0	96893.4	121890.7	130631.9	121890.7	96893.4	71117.0	50291.3	36828.3	26794.0	19258.6
-10°	49513.1	64273.6	74017.0	76797.5	74017.0	64273.6	49513.1	39544.7	30397.6	22961.4	16698.7
-12.5°	36709.0	43165.2	47657.3	48438.4	47657.3	43165.2	36709.0	30541.5	24220.7	18998.3	14363.0
-15°	27182.1	30465.3	32782.1	32938.1	32782.1	30465.3	27182.1	23449.9	19221.6	15256.4	11538.0
-17.5°	19870.2	22074.0	23243.3	23160.0	23243.3	22074.0	19870.2	17200.8	14695.2	11676.3	8943.8
-20°	14208.4	15536.8	16478.9	16294.7	16478.9	15536.8	14208.4	12430.8	10699.9	8577.3	6774.2



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9907.1	10789.0	11341.0	11199.0	11341.0	10789.0	9907.1	8686.8	7487.5	6269.2	4950.6
-25°	6731.7	7212.2	7485.6	7440.1	7485.6	7212.2	6731.7	6036.1	5213.0	4471.4	3602.3
-27.5°	4587.3	4841.1	4925.8	4921.3	4925.8	4841.1	4587.3	4163.6	3597.0	3222.7	2765.6
-30°	3183.9	3354.5	3452.1	3390.7	3452.1	3354.5	3183.9	2964.5	2669.5	2428.9	2165.1
-32.5°	2373.0	2469.2	2524.9	2467.1	2524.9	2469.2	2373.0	2252.0	2095.4	1926.2	1742.9
-35°	1870.1	1918.8	1938.4	1905.2	1938.4	1918.8	1870.1	1795.6	1694.8	1580.9	1454.0
-37.5°	1524.7	1553.3	1563.0	1543.6	1563.0	1553.3	1524.7	1480.2	1419.1	1345.1	1261.3
-40°	1292.0	1309.5	1313.8	1298.1	1313.8	1309.5	1292.0	1265.5	1228.4	1183.3	1124.5
-42.5°	1130.4	1140.9	1143.3	1136.7	1143.3	1140.9	1130.4	1113.5	1086.7	1051.7	1011.8
-45°	1010.3	1019.2	1020.9	1014.0	1020.9	1019.2	1010.3	997.0	974.6	944.5	909.1
-47.5°	913.0	918.5	920.0	917.1	920.0	918.5	913.0	904.4	887.3	861.1	830.2
-50°	838.5	842.3	842.7	839.6	842.7	842.3	838.5	832.4	818.9	793.3	763.8
-52.5°	776.1	778.8	780.6	781.5	780.6	778.8	776.1	771.3	761.1	736.9	711.1
-55°	723.6	727.0	729.1	729.8	729.1	727.0	723.6	718.8	712.0	689.0	663.5
-57.5°	679.0	682.1	684.0	684.6	684.0	682.1	679.0	674.6	669.0	647.0	622.4
-60°	632.4	636.2	638.6	639.4	638.6	636.2	632.4	627.3	621.1	601.9	578.9
-62.5°	570.9	572.6	574.1	574.8	574.1	572.6	570.9	567.6	562.6	547.5	526.8
-65°	510.6	514.1	516.1	516.7	516.1	514.1	510.6	505.6	498.9	485.5	466.8
-67.5°	445.2	449.7	454.5	458.6	454.5	449.7	445.2	439.4	432.3	421.0	404.9
-70°	386.0	391.7	393.6	394.0	393.6	391.7	386.0	379.3	371.8	361.7	348.1
-72.5°	328.5	333.9	338.5	342.3	338.5	333.9	328.5	322.4	315.4	306.8	295.0
-75°	271.1	276.1	277.4	277.7	277.4	276.1	271.1	265.4	259.0	251.4	240.9
-77.5°	213.7	218.3	219.3	219.6	219.3	218.3	213.7	208.6	203.2	197.1	189.4
-80°	158.1	160.7	164.4	167.9	164.4	160.7	158.1	155.2	152.0	148.5	143.0
-82.5°	108.8	109.4	109.7	109.8	109.7	109.4	108.8	107.9	106.7	105.0	100.3
-85°	68.7	70.7	70.9	71.0	70.9	70.7	68.7	66.7	64.6	62.4	59.9
-87.5°	32.0	32.2	32.3	32.3	32.3	32.2	32.0	31.8	31.5	31.2	29.2
-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: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.7
62.5°	6.6	7.2	7.4	6.7	5.0	3.1	3.8	4.5	3.1	0.6	2.2
60°	24.3	15.4	21.9	24.1	21.2	15.2	15.5	14.4	11.9	9.5	6.3
57.5°	79.6	77.0	63.1	54.6	52.0	46.1	37.9	30.2	26.7	21.4	15.2
55°	109.8	105.3	97.8	87.4	75.7	72.3	65.7	56.4	47.3	36.7	29.7
52.5°	134.9	136.1	131.8	119.4	108.9	101.9	92.9	84.0	73.1	62.7	48.9
50°	192.8	185.4	178.5	171.3	154.9	138.9	127.5	115.3	99.6	87.9	76.2
47.5°	246.2	235.2	227.8	218.3	199.6	182.7	164.9	147.7	128.1	109.8	98.3
45°	291.8	275.9	261.7	249.9	233.7	214.4	198.6	179.4	157.1	135.8	116.0
42.5°	338.2	314.1	294.8	282.9	263.3	243.5	225.6	210.9	186.7	161.8	141.8
40°	399.9	351.5	333.6	328.9	310.3	278.7	263.6	247.3	221.6	189.1	169.4
37.5°	501.6	436.9	405.1	388.5	371.6	338.8	309.4	288.1	265.0	228.3	200.1
35°	645.6	569.6	500.4	464.7	444.7	400.0	361.3	332.2	304.5	269.8	233.2
32.5°	771.9	686.3	603.7	541.2	496.4	455.2	411.9	375.8	339.6	304.1	268.1
30°	956.3	813.4	699.5	611.5	553.8	502.6	456.7	413.2	372.1	334.9	298.6
27.5°	1206.8	978.7	824.0	700.2	614.1	553.2	501.0	450.1	403.3	363.2	326.0
25°	1575.2	1210.5	979.3	812.2	687.4	609.3	549.6	490.8	436.1	390.4	358.9
22.5°	2104.5	1606.2	1225.1	933.5	794.2	695.3	607.1	533.1	471.1	430.2	392.9
20°	3015.8	2150.0	1586.7	1212.2	956.1	797.1	676.5	589.7	526.3	473.7	427.4
17.5°	4573.6	3168.8	2054.5	1561.0	1196.4	949.4	775.6	660.3	580.4	517.4	462.1
15°	6482.5	4348.9	2872.0	2011.3	1466.2	1076.3	868.6	730.3	635.9	563.2	497.1
12.5°	8470.5	5471.9	3549.3	2353.3	1659.2	1211.4	966.2	810.1	691.4	596.3	520.2
10°	10197.6	6625.9	4231.7	2757.3	1877.4	1341.2	1043.4	860.4	724.6	620.0	539.8
7.5°	12105.8	7806.1	4859.9	3053.1	2057.6	1445.2	1095.7	894.3	752.0	639.9	555.9
5°	13519.5	8707.0	5391.3	3322.9	2193.1	1524.6	1136.4	918.5	773.4	655.8	568.7
2.5°	14468.0	9334.4	5724.9	3508.6	2276.9	1585.4	1169.2	941.2	790.0	671.9	582.9
0°	14764.0	9397.1	5980.5	3623.2	2331.5	1640.4	1194.8	962.3	800.8	684.6	594.2
-2.5°	14854.4	9504.8	5955.0	3648.3	2350.3	1669.9	1205.7	966.2	809.2	689.4	595.8
-5°	14264.4	9226.3	5821.5	3622.7	2336.1	1669.4	1223.8	973.2	814.0	691.0	594.4
-7.5°	13227.9	8624.4	5472.0	3458.5	2268.5	1642.8	1236.9	982.4	818.4	696.1	599.0
-10°	11651.6	7658.7	4928.6	3183.1	2155.7	1591.7	1224.9	977.4	815.6	695.2	600.1
-12.5°	10065.7	6577.0	4224.9	2797.5	1971.7	1497.3	1178.9	957.4	805.4	688.1	597.2
-15°	8051.9	5504.9	3703.2	2532.9	1805.9	1395.6	1120.6	926.1	788.1	675.3	590.5
-17.5°	6467.3	4465.7	3033.2	2172.4	1646.1	1306.3	1075.2	900.7	767.8	662.3	581.3
-20°	4975.0	3517.3	2568.2	1911.4	1481.6	1196.4	1013.8	863.3	744.4	648.8	572.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3749.2	2848.6	2131.5	1642.9	1328.4	1111.4	952.2	821.5	716.0	629.6	561.3
-25°	2913.1	2272.1	1782.7	1451.2	1193.2	1017.7	895.1	788.5	693.5	610.5	547.7
-27.5°	2303.8	1844.8	1530.1	1272.9	1083.7	954.1	848.9	754.2	669.3	596.1	533.9
-30°	1865.5	1567.6	1325.0	1132.2	997.3	888.9	804.2	725.0	646.6	577.5	519.1
-32.5°	1528.2	1345.1	1162.8	1024.4	912.4	829.3	760.4	693.6	619.0	558.5	503.5
-35°	1308.5	1175.4	1045.9	935.5	841.0	777.8	716.4	654.0	593.2	536.9	485.8
-37.5°	1155.7	1046.9	949.4	860.5	790.2	730.7	676.8	621.6	566.4	514.8	467.6
-40°	1036.5	944.2	867.2	799.6	743.3	692.3	643.3	592.4	543.3	491.5	447.8
-42.5°	939.2	866.3	799.7	747.7	700.0	656.6	613.4	569.0	520.9	471.8	425.7
-45°	858.9	801.6	745.8	699.8	659.0	622.5	589.4	545.1	497.9	448.9	402.1
-47.5°	791.6	744.2	697.7	654.9	621.2	589.6	557.7	518.5	469.1	422.8	383.0
-50°	731.8	693.7	654.3	614.9	585.2	556.3	522.7	481.8	439.1	401.1	363.5
-52.5°	683.7	649.3	615.0	581.8	552.9	522.6	486.5	451.2	414.8	379.1	344.5
-55°	635.2	607.1	579.5	552.3	525.1	493.7	460.5	425.3	389.7	356.3	321.0
-57.5°	596.8	571.1	546.3	521.6	497.2	466.1	432.3	398.0	361.2	327.4	294.3
-60°	556.1	533.8	509.2	485.2	462.2	434.6	398.0	362.5	328.6	296.6	264.6
-62.5°	505.5	483.7	462.3	439.2	414.9	387.7	354.3	321.8	292.4	264.5	235.7
-65°	447.3	427.2	406.7	383.9	358.5	330.4	302.0	278.1	255.4	231.8	206.4
-67.5°	387.8	369.7	348.6	325.6	303.8	281.2	260.8	240.3	219.1	197.4	174.6
-70°	334.0	319.5	302.3	282.4	261.6	240.5	221.0	201.9	182.3	164.0	146.6
-72.5°	282.5	269.2	253.6	235.4	217.0	199.4	182.9	167.4	152.1	137.0	121.5
-75°	230.1	219.0	206.7	191.9	177.0	162.2	148.6	136.0	123.1	109.8	96.7
-77.5°	181.4	173.2	164.3	152.7	141.0	129.4	117.9	106.5	95.9	85.9	76.7
-80°	137.2	131.0	124.2	115.0	105.7	96.4	87.3	79.6	72.3	65.7	59.2
-82.5°	95.5	90.7	85.6	79.0	72.5	66.0	59.7	55.0	50.4	45.9	41.7
-85°	57.4	54.7	51.9	48.2	44.6	41.2	38.1	35.5	32.8	30.1	27.4
-87.5°	27.3	25.3	23.4	22.9	22.3	21.8	21.1	19.2	17.3	15.5	13.7
-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: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.4	2.7	2.0
67.5°	0.0	0.0	0.0	1.4	2.2	1.9	0.4	1.1	2.6	4.2	3.7
65°	2.2	1.5	0.1	1.7	3.2	4.2	3.2	2.0	2.9	4.4	5.4
62.5°	3.8	4.9	3.7	2.7	3.6	5.1	6.0	4.1	3.4	4.6	6.1
60°	4.3	5.8	6.6	5.1	4.6	5.5	6.5	6.0	4.7	4.9	6.3
57.5°	11.4	7.4	7.4	7.0	5.9	6.0	6.5	6.5	5.8	5.5	6.5
55°	21.1	15.5	10.9	8.8	7.4	6.4	6.7	6.5	6.5	6.0	6.5
52.5°	36.7	26.7	19.6	13.2	9.8	7.3	7.4	6.5	6.5	6.4	6.5
50°	58.4	42.0	30.8	22.2	13.8	10.8	8.4	7.5	6.5	6.5	6.5
47.5°	85.4	62.7	44.9	32.4	22.7	14.6	11.5	9.0	6.5	6.5	6.5
45°	105.4	87.5	62.6	45.3	31.9	22.0	15.5	10.6	8.1	6.7	6.5
42.5°	125.1	108.9	85.2	58.0	43.9	30.3	19.8	14.3	9.8	7.1	6.7
40°	150.2	130.0	106.8	79.1	57.0	38.6	26.8	18.4	11.8	8.2	7.2
37.5°	176.2	153.5	128.1	99.4	71.9	51.1	34.0	22.7	14.9	10.5	7.9
35°	205.2	178.0	149.3	118.8	89.5	64.1	41.0	27.8	19.0	12.9	8.6
32.5°	234.5	201.6	169.1	137.7	106.0	77.4	50.8	34.5	22.9	15.3	9.5
30°	263.0	224.8	187.3	155.7	121.7	91.5	63.0	41.8	26.8	17.9	10.8
27.5°	288.9	247.6	204.9	171.7	137.4	104.8	75.4	49.6	30.4	20.8	12.8
25°	316.0	270.9	225.0	186.0	152.2	118.1	86.8	57.9	35.8	23.9	14.9
22.5°	346.8	294.3	244.4	198.9	167.8	131.1	97.8	67.8	42.3	26.8	17.0
20°	379.8	317.5	263.8	217.3	182.4	144.5	108.6	76.9	48.9	29.6	19.0
17.5°	413.6	342.9	287.4	238.2	196.8	157.1	119.0	85.3	55.6	32.2	21.0
15°	436.6	368.4	308.6	257.7	211.2	168.6	128.8	92.8	62.1	34.6	23.1
12.5°	455.8	390.3	327.2	275.8	225.5	179.2	137.9	99.5	68.5	37.9	25.0
10°	472.9	408.8	343.5	292.4	239.2	188.8	146.3	105.5	74.4	42.0	26.8
7.5°	487.5	424.0	357.4	307.4	252.3	198.5	153.3	110.8	79.5	46.3	28.4
5°	499.8	437.2	369.1	317.1	264.5	208.6	159.1	115.4	83.8	50.4	29.9
2.5°	509.6	449.2	379.1	324.1	275.1	217.9	164.0	119.4	87.4	54.4	31.2
0°	516.7	458.6	387.5	329.4	284.2	226.0	167.9	122.7	90.4	58.1	32.3
-2.5°	521.4	460.1	396.4	335.5	289.6	232.8	175.8	126.9	92.8	61.4	34.2
-5°	523.4	459.9	403.0	340.2	293.5	238.2	182.3	130.3	94.7	64.3	36.0
-7.5°	526.3	462.0	406.6	343.8	296.1	242.4	187.4	132.9	96.1	66.6	37.6
-10°	527.4	464.2	407.5	348.4	298.2	245.4	190.7	134.5	97.1	68.3	39.0
-12.5°	525.9	464.0	407.3	350.9	299.3	247.1	192.4	137.0	98.1	69.3	40.2
-15°	521.7	461.3	406.3	351.2	299.1	247.8	192.9	139.3	100.1	69.6	41.2
-17.5°	515.3	456.0	404.9	349.1	297.9	247.4	192.3	140.4	101.1	69.1	42.1
-20°	508.9	451.1	402.7	344.4	295.6	246.1	190.7	140.1	101.1	68.1	43.0

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Scaled Data Report



REPORT NUMBER: P627648 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	500.5	446.5	395.6	339.7	292.4	243.8	188.0	138.5	99.9	66.6	43.5
-25°	489.9	439.5	387.4	336.1	288.3	239.2	184.9	135.5	97.6	64.5	43.7
-27.5°	479.4	430.0	378.8	331.0	282.7	233.7	180.7	132.6	94.3	61.9	43.6
-30°	467.0	419.4	371.2	324.1	274.9	225.8	174.8	128.2	90.8	60.6	43.1
-32.5°	453.5	408.7	362.7	313.7	265.0	217.1	167.2	122.1	86.8	59.8	42.6
-35°	439.9	396.8	352.5	300.8	254.4	207.6	159.6	114.3	82.2	58.6	42.0
-37.5°	424.0	382.0	335.8	286.8	243.1	197.4	152.4	109.9	77.0	56.9	41.3
-40°	405.7	363.8	316.7	273.8	231.2	186.6	144.7	105.9	73.7	54.7	40.3
-42.5°	385.4	343.5	301.4	260.4	218.7	177.4	136.7	100.8	72.2	53.0	39.1
-45°	364.4	325.1	287.1	246.7	206.1	167.8	130.0	95.3	70.0	51.5	37.9
-47.5°	344.8	309.6	271.5	231.9	195.1	158.0	122.1	91.7	66.9	49.7	36.6
-50°	328.3	292.5	254.5	216.9	182.3	148.0	114.0	86.9	64.4	47.8	35.0
-52.5°	309.3	273.1	235.9	200.4	168.5	136.7	107.1	81.2	60.9	45.4	33.1
-55°	286.6	250.7	215.1	184.0	154.1	126.1	99.0	75.3	56.3	42.7	31.0
-57.5°	260.1	225.3	196.1	167.7	139.8	114.2	89.9	68.2	52.2	39.7	28.5
-60°	232.9	204.7	177.9	150.3	124.6	101.4	79.6	61.1	48.1	36.2	25.8
-62.5°	208.7	182.9	156.6	131.3	108.8	87.9	69.0	55.7	43.5	32.5	22.8
-65°	181.5	157.1	133.6	112.8	92.8	75.3	62.0	49.7	38.5	28.5	20.1
-67.5°	152.3	132.8	113.0	94.1	79.4	66.4	54.4	43.3	33.2	24.2	18.4
-70°	128.7	110.5	94.3	80.8	68.6	57.1	46.4	36.6	27.6	21.6	16.6
-72.5°	106.2	92.1	79.3	67.9	57.2	47.3	38.0	30.0	24.0	18.9	14.6
-75°	84.6	74.4	64.4	54.5	45.5	37.3	31.2	25.3	20.3	16.0	12.8
-77.5°	67.8	58.7	49.5	42.5	36.9	31.3	25.7	20.3	16.8	13.9	11.0
-80°	52.2	45.9	40.3	35.5	30.4	25.3	20.9	17.1	14.5	11.9	9.2
-82.5°	37.5	34.2	31.2	28.4	24.4	20.8	17.4	14.5	12.1	9.8	7.2
-85°	25.6	24.0	22.5	21.2	18.5	16.1	13.3	10.8	8.6	6.6	4.8
-87.5°	13.1	12.5	11.8	11.1	9.5	8.1	6.7	5.4	4.3	3.3	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

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CATALOG NUMBER: GFLD-SA5C-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	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.8	1.5	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	2.0	0.8	0.4	1.3	0.0
65°	3.8	2.8	2.6	1.4	0.5	1.5	0.0
62.5°	5.1	3.7	3.3	2.1	0.7	1.7	0.0
60°	6.4	4.5	4.1	2.7	0.9	1.8	0.0
57.5°	6.5	5.3	4.6	3.4	1.4	2.0	0.0
55°	6.5	6.0	5.0	4.1	2.0	2.2	0.0
52.5°	6.5	6.5	5.4	4.8	2.5	2.4	0.0
50°	6.5	6.5	5.7	5.6	2.9	2.6	0.0
47.5°	6.5	6.5	6.0	6.2	3.4	2.8	0.0
45°	6.5	6.5	6.3	6.3	3.8	3.0	0.0
42.5°	6.5	6.5	6.4	6.5	4.2	3.2	0.0
40°	6.5	6.5	6.5	6.5	4.5	3.4	0.0
37.5°	6.5	6.5	6.5	6.5	4.9	3.6	0.0
35°	6.5	6.5	6.5	6.5	5.1	3.8	0.0
32.5°	6.7	6.5	6.5	6.5	5.4	4.0	0.0
30°	7.4	6.5	6.5	6.5	5.6	4.2	0.0
27.5°	8.1	6.5	6.5	6.5	5.8	4.4	0.0
25°	8.8	6.5	6.5	6.5	6.0	4.6	0.0
22.5°	9.6	6.6	6.5	6.5	6.1	4.9	0.0
20°	10.4	7.1	6.5	6.5	6.2	5.1	0.0
17.5°	11.6	7.7	6.5	6.5	6.3	5.3	0.0
15°	12.9	8.3	6.5	6.5	6.4	5.5	0.0
12.5°	14.1	9.0	6.5	6.5	6.4	5.7	0.0
10°	15.3	9.8	6.5	6.5	6.5	5.8	0.0
7.5°	16.5	10.6	6.5	6.5	6.5	6.0	0.0
5°	17.5	11.4	6.5	6.5	6.5	6.2	0.0
2.5°	18.5	12.2	6.5	6.5	6.5	6.4	0.0
0°	19.4	12.9	6.5	6.5	6.5	6.5	0.0
-2.5°	21.1	13.6	7.1	6.5	6.5	6.5	0.0
-5°	22.7	14.2	7.6	6.5	6.5	6.5	0.0
-7.5°	24.1	14.8	8.1	6.5	6.5	6.4	0.0
-10°	25.3	15.3	8.6	6.5	6.5	6.4	0.0
-12.5°	26.4	15.7	9.0	6.5	6.5	6.3	0.0
-15°	27.2	16.1	9.4	6.5	6.5	6.3	0.0
-17.5°	27.8	16.3	9.7	6.5	6.5	6.2	0.0
-20°	28.1	16.6	9.8	6.5	6.5	6.1	0.0

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CATALOG NUMBER: GFLD-SA5C-740-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.5	16.7	9.9	6.5	6.5	6.0	0.0
-25°	28.7	17.1	9.9	6.5	6.5	5.9	0.0
-27.5°	28.7	17.5	9.7	6.5	6.5	5.8	0.0
-30°	28.5	17.8	9.5	6.5	6.5	5.6	0.0
-32.5°	28.2	18.0	9.5	6.5	6.5	5.5	0.0
-35°	28.1	17.9	9.4	6.5	6.5	5.3	0.0
-37.5°	28.0	17.7	9.1	6.5	6.5	5.2	0.0
-40°	27.6	17.4	8.8	6.5	6.5	5.0	0.0
-42.5°	27.1	16.9	8.7	6.6	6.5	4.8	0.0
-45°	26.2	16.2	9.0	6.7	6.5	4.6	0.0
-47.5°	25.2	15.4	9.1	6.9	6.5	4.4	0.0
-50°	23.9	14.4	9.2	6.9	6.5	4.2	0.0
-52.5°	22.4	13.2	9.2	7.0	6.5	4.0	0.0
-55°	20.7	12.8	9.2	7.0	6.5	3.7	0.0
-57.5°	18.7	12.5	9.0	7.0	6.5	3.5	0.0
-60°	16.8	12.1	8.8	7.0	6.5	3.2	0.0
-62.5°	15.9	11.6	8.6	6.9	6.0	3.0	0.0
-65°	14.9	11.0	8.3	6.8	5.5	2.7	0.0
-67.5°	13.8	10.3	7.9	6.7	5.0	2.5	0.0
-70°	12.5	9.5	7.5	6.5	4.4	2.2	0.0
-72.5°	11.2	8.7	7.1	5.8	3.9	2.0	0.0
-75°	9.8	7.8	6.6	5.0	3.4	1.7	0.0
-77.5°	8.3	6.8	5.6	4.2	2.8	1.4	0.0
-80°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)