

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: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-750-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N31  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

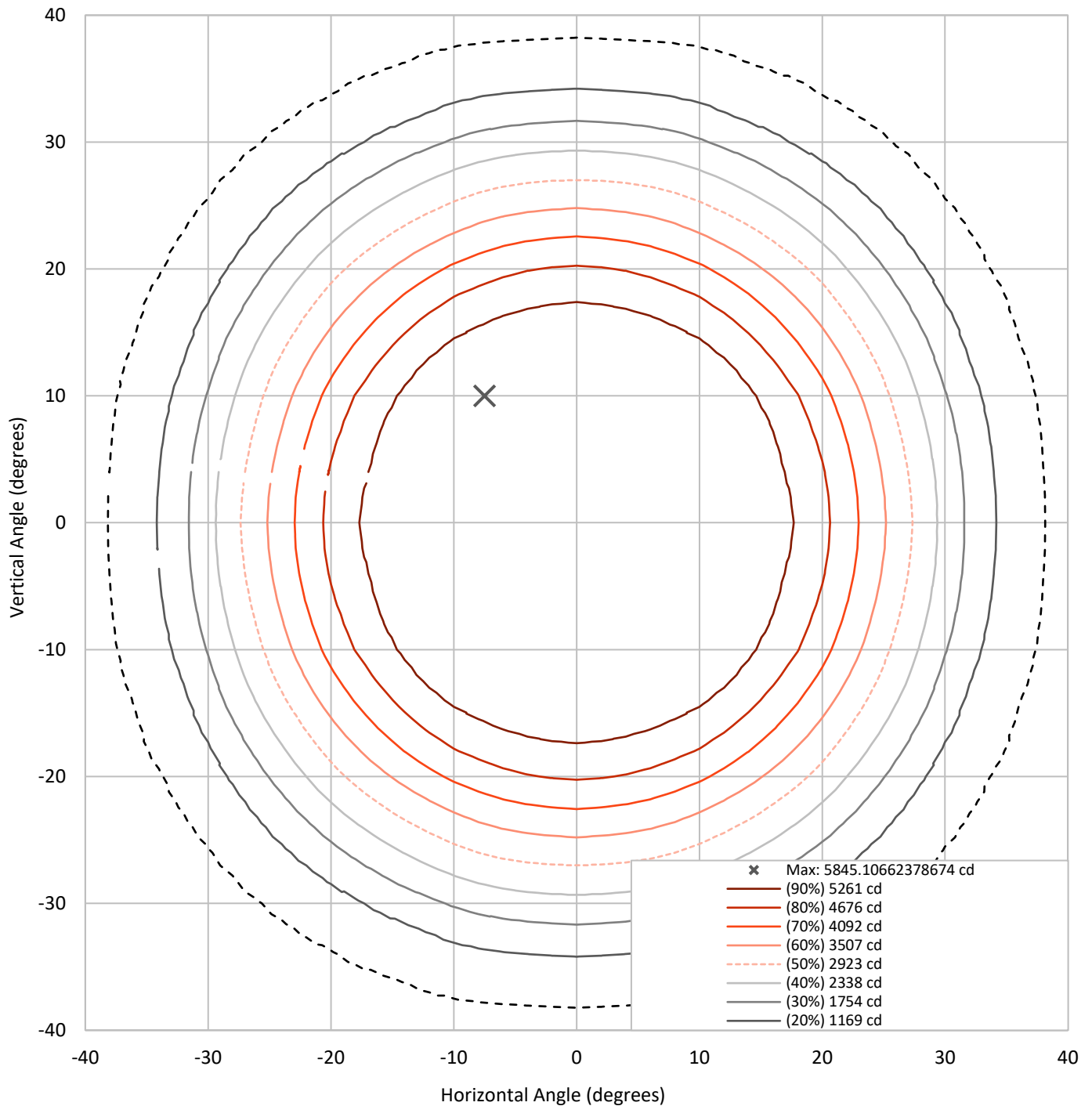
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4974.7 lumens	Max Intensity:	5845.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	148.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	3301.9 lumens	Field Lumens:	4293.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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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CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

### Iso-Candela Plot





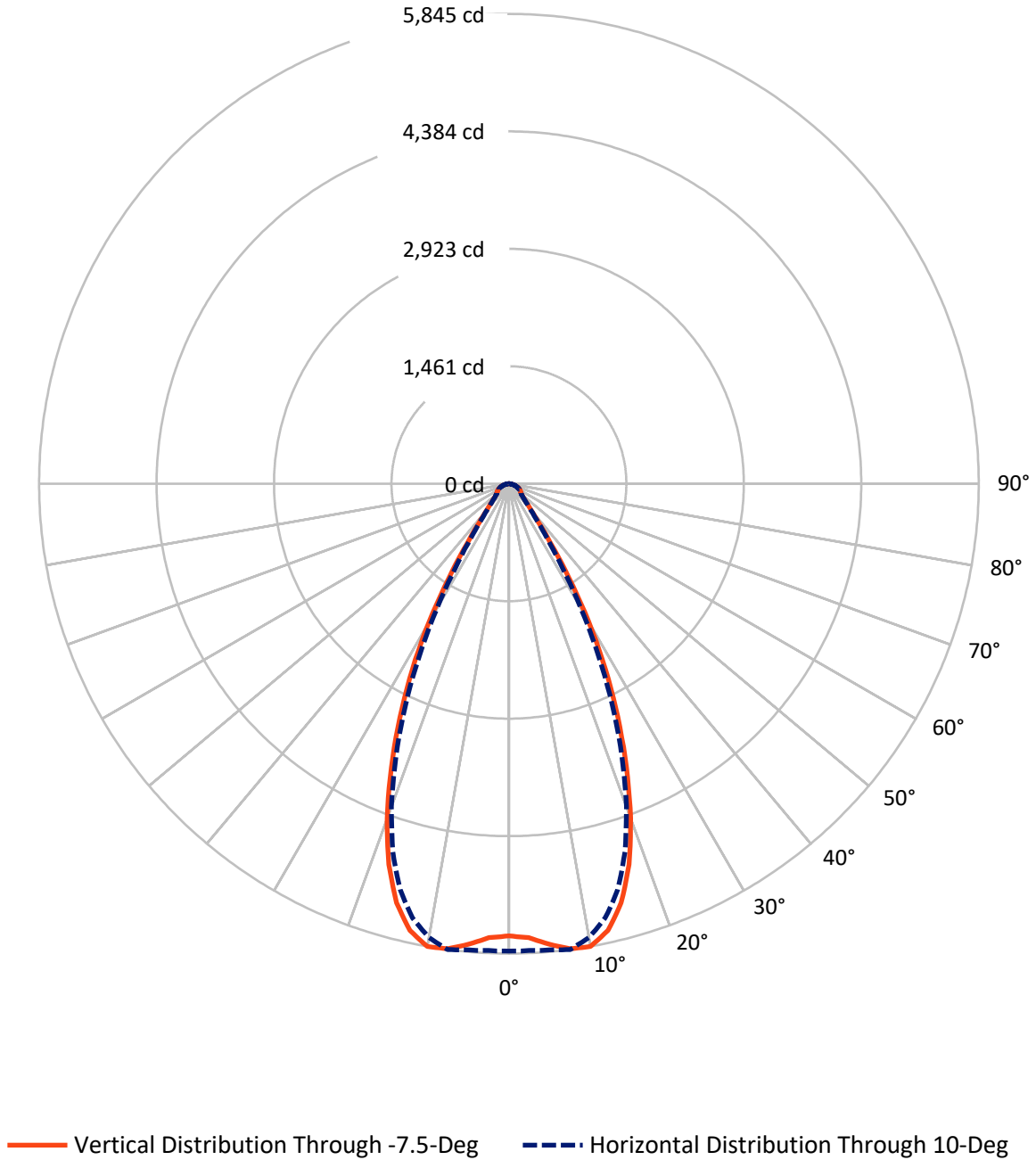
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### Lumen Table

90	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1										
80	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1										
70	0.5	0.6	1.2	2.0	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.0	1.2	0.6	0.5			
60		0.9	1.8	2.9	3.8	4.6	5.2	5.4	5.4	5.2	4.6	3.8	2.9	1.8	0.9				
50	0.9	1.2	2.3	3.5	4.7	6.1	7.6	8.8	8.8	7.6	6.1	4.7	3.5	2.3	1.2	0.9			
40		1.4	2.6	4.0	6.2	11.3	21.6	32.1	32.1	21.6	11.3	6.2	4.0	2.6	1.4				
30	1.2	1.5	2.9	4.7	10.2	31.9	71.6	100.0	100.0	71.6	31.9	10.2	4.7	2.9	1.5	1.2			
20		1.6	3.0	5.6	18.4	68.1	130.0	162.7	162.7	130.0	68.1	18.4	5.6	3.0	1.6				
10	1.3	1.7	3.1	6.2	26.5	93.2	157.7	171.6	171.6	157.7	93.2	26.5	6.2	3.1	1.7	1.3			
0		1.7	3.1	6.2	26.5	93.2	157.7	171.6	171.6	157.7	93.2	26.5	6.2	3.1	1.7				
-10	1.2	1.6	3.0	5.6	18.4	68.1	130.0	162.7	162.7	130.0	68.1	18.4	5.6	3.0	1.6	1.2			
-20		1.5	2.9	4.7	10.2	31.9	71.6	100.0	100.0	71.6	31.9	10.2	4.7	2.9	1.5				
-30	0.9	1.4	2.6	4.0	6.2	11.3	21.6	32.1	32.1	21.6	11.3	6.2	4.0	2.6	1.4	0.9			
-40		1.2	2.3	3.5	4.7	6.1	7.6	8.8	8.8	7.6	6.1	4.7	3.5	2.3	1.2				
-50	0.5	0.9	1.8	2.9	3.8	4.6	5.2	5.4	5.4	5.2	4.6	3.8	2.9	1.8	0.9	0.5			
-60		0.6	1.2	2.0	2.8	3.4	3.8	4.0	4.0	3.8	3.4	2.8	2.0	1.2	0.6				
-70	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1										
-80		0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1									
-90	0.1	1.2	3.1	4.9	5.5	4.9	3.1	1.2	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

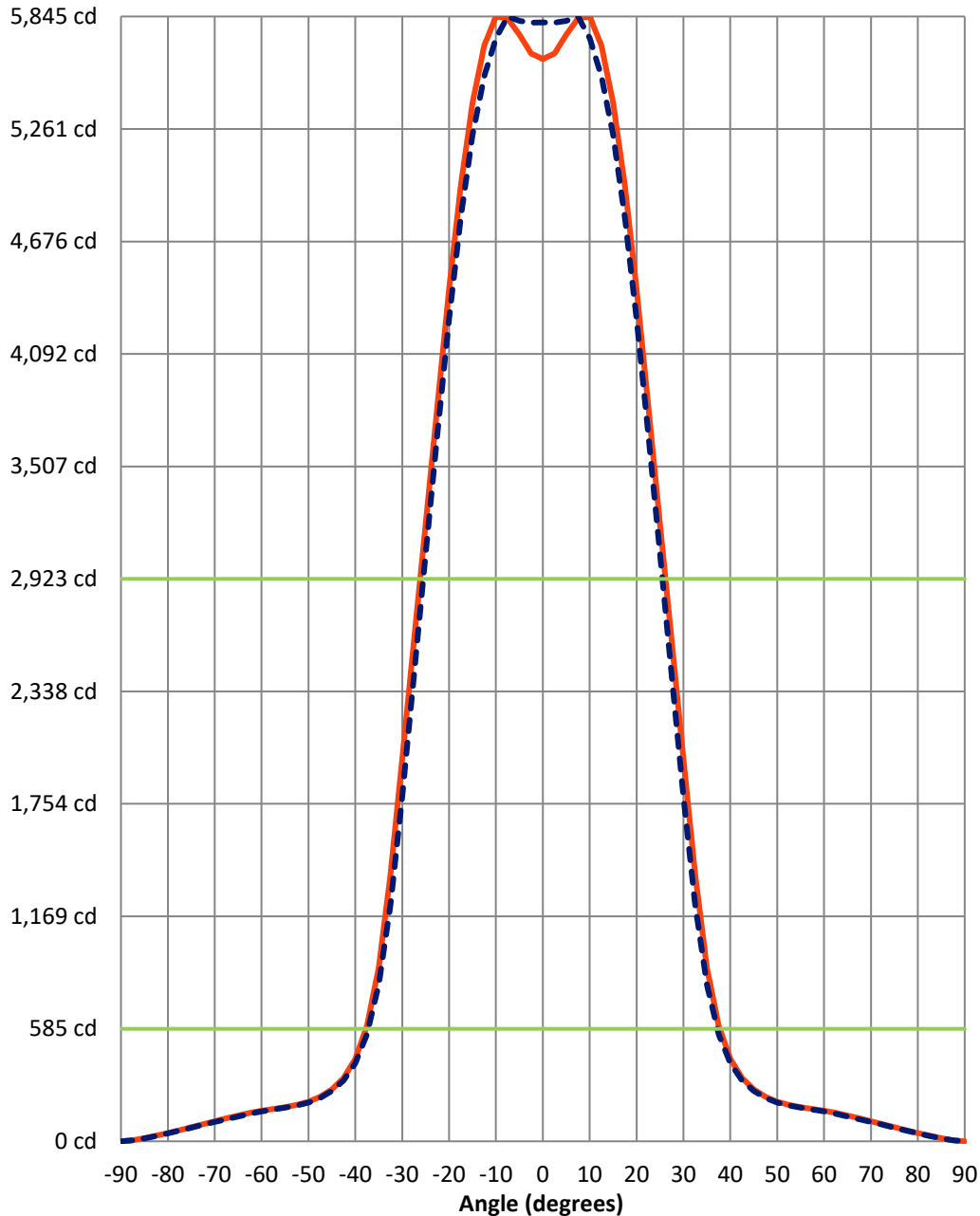
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 3301.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 4293.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 681.3  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.6
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.2	3.8	4.5	5.1
82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.8	7.4	8.8
80°	0.0	0.9	1.8	2.6	3.5	4.4	5.4	7.5	9.5	11.4	13.1
77.5°	0.0	1.1	2.2	3.3	4.4	5.9	8.3	10.8	13.1	15.3	17.7
75°	0.0	1.3	2.6	3.9	5.4	8.3	11.2	14.0	16.8	20.0	23.2
72.5°	0.0	1.5	3.1	4.6	7.3	10.7	14.0	17.4	21.2	25.0	28.6
70°	0.0	1.7	3.5	5.4	9.2	13.0	16.8	21.2	25.5	29.8	34.3
67.5°	0.0	2.0	3.9	6.7	11.0	15.3	20.0	25.0	29.8	34.8	39.9
65°	0.0	2.2	4.3	8.1	12.8	17.7	23.1	28.6	34.1	39.7	45.7
62.5°	0.0	2.4	4.7	9.4	14.6	20.2	26.2	32.3	38.3	44.6	51.8
60°	0.0	2.5	5.1	10.7	16.3	22.6	29.1	35.8	42.4	50.0	57.8
57.5°	0.0	2.7	5.9	12.0	18.2	25.0	32.1	39.3	46.9	55.2	63.5
55°	0.0	2.9	6.7	13.2	20.0	27.3	35.0	42.6	51.3	60.2	68.9
52.5°	0.0	3.1	7.5	14.4	21.8	29.5	37.9	46.3	55.6	64.9	74.2
50°	0.0	3.3	8.2	15.6	23.4	31.9	40.7	49.9	59.7	69.5	79.3
47.5°	0.0	3.4	9.0	16.7	25.1	34.1	43.4	53.4	63.6	74.0	84.2
45°	0.0	3.6	9.6	17.8	26.6	36.3	46.2	56.7	67.4	78.2	89.0
42.5°	0.0	3.8	10.3	19.0	28.1	38.4	48.9	59.9	71.0	82.3	93.4
40°	0.0	3.9	10.9	20.0	29.6	40.4	51.5	62.9	74.5	86.2	97.8
37.5°	0.0	4.0	11.5	20.9	31.1	42.4	53.9	65.7	77.8	90.0	101.9
35°	0.0	4.2	12.0	21.8	32.6	44.2	56.1	68.3	81.0	93.5	105.8
32.5°	0.0	4.3	12.5	22.6	33.9	46.0	58.3	70.7	84.0	96.8	109.2
30°	0.0	4.4	13.0	23.4	35.2	47.6	60.2	73.0	86.8	99.8	112.4
27.5°	0.0	4.5	13.4	24.1	36.4	49.1	62.0	75.3	89.4	102.5	115.3
25°	0.0	4.6	13.8	24.8	37.4	50.5	63.6	77.4	91.6	105.0	118.0
22.5°	0.0	4.7	14.1	25.4	38.3	51.7	65.1	79.3	93.7	107.1	120.4
20°	0.0	4.8	14.4	25.9	39.2	52.8	66.4	81.0	95.4	109.1	122.6
17.5°	0.0	4.9	14.7	26.3	39.9	53.7	67.5	82.6	97.0	110.8	124.5
15°	0.0	4.9	14.9	26.7	40.5	54.5	68.6	84.0	98.3	112.2	126.1
12.5°	0.0	5.0	15.0	27.0	41.0	55.1	69.5	85.2	99.5	113.4	127.4
10°	0.0	5.0	15.2	27.3	41.4	55.6	70.2	86.2	100.5	114.5	128.6
7.5°	0.0	5.1	15.3	27.5	41.7	56.0	70.8	87.0	101.3	115.4	129.6
5°	0.0	5.1	15.3	27.6	41.9	56.2	71.2	87.5	101.8	116.1	130.3
2.5°	0.0	5.1	15.3	27.6	41.9	56.3	71.5	87.9	102.2	116.5	130.8
0°	0.0	5.1	15.3	27.6	41.9	56.3	71.6	88.0	102.3	116.6	130.9
-2.5°	0.0	5.1	15.3	27.6	41.9	56.3	71.5	87.9	102.2	116.5	130.8
-5°	0.0	5.1	15.3	27.6	41.9	56.2	71.2	87.5	101.8	116.1	130.3
-7.5°	0.0	5.1	15.3	27.5	41.7	56.0	70.8	87.0	101.3	115.4	129.6
-10°	0.0	5.0	15.2	27.3	41.4	55.6	70.2	86.2	100.5	114.5	128.6
-12.5°	0.0	5.0	15.0	27.0	41.0	55.1	69.5	85.2	99.5	113.4	127.4
-15°	0.0	4.9	14.9	26.7	40.5	54.5	68.6	84.0	98.3	112.2	126.1
-17.5°	0.0	4.9	14.7	26.3	39.9	53.7	67.5	82.6	97.0	110.8	124.5
-20°	0.0	4.8	14.4	25.9	39.2	52.8	66.4	81.0	95.4	109.1	122.6

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CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.7	14.1	25.4	38.3	51.7	65.1	79.3	93.7	107.1	120.4
-25°	0.0	4.6	13.8	24.8	37.4	50.5	63.6	77.4	91.6	105.0	118.0
-27.5°	0.0	4.5	13.4	24.1	36.4	49.1	62.0	75.3	89.4	102.5	115.3
-30°	0.0	4.4	13.0	23.4	35.2	47.6	60.2	73.0	86.8	99.8	112.4
-32.5°	0.0	4.3	12.5	22.6	33.9	46.0	58.3	70.7	84.0	96.8	109.2
-35°	0.0	4.2	12.0	21.8	32.6	44.2	56.1	68.3	81.0	93.5	105.8
-37.5°	0.0	4.0	11.5	20.9	31.1	42.4	53.9	65.7	77.8	90.0	101.9
-40°	0.0	3.9	10.9	20.0	29.6	40.4	51.5	62.9	74.5	86.2	97.8
-42.5°	0.0	3.8	10.3	19.0	28.1	38.4	48.9	59.9	71.0	82.3	93.4
-45°	0.0	3.6	9.6	17.8	26.6	36.3	46.2	56.7	67.4	78.2	89.0
-47.5°	0.0	3.4	9.0	16.7	25.1	34.1	43.4	53.4	63.6	74.0	84.2
-50°	0.0	3.3	8.2	15.6	23.4	31.9	40.7	49.9	59.7	69.5	79.3
-52.5°	0.0	3.1	7.5	14.4	21.8	29.5	37.9	46.3	55.6	64.9	74.2
-55°	0.0	2.9	6.7	13.2	20.0	27.3	35.0	42.6	51.3	60.2	68.9
-57.5°	0.0	2.7	5.9	12.0	18.2	25.0	32.1	39.3	46.9	55.2	63.5
-60°	0.0	2.5	5.1	10.7	16.3	22.6	29.1	35.8	42.4	50.0	57.8
-62.5°	0.0	2.4	4.7	9.4	14.6	20.2	26.2	32.3	38.3	44.6	51.8
-65°	0.0	2.2	4.3	8.1	12.8	17.7	23.1	28.6	34.1	39.7	45.7
-67.5°	0.0	2.0	3.9	6.7	11.0	15.3	20.0	25.0	29.8	34.8	39.9
-70°	0.0	1.7	3.5	5.4	9.2	13.0	16.8	21.2	25.5	29.8	34.3
-72.5°	0.0	1.5	3.1	4.6	7.3	10.7	14.0	17.4	21.2	25.0	28.6
-75°	0.0	1.3	2.6	3.9	5.4	8.3	11.2	14.0	16.8	20.0	23.2
-77.5°	0.0	1.1	2.2	3.3	4.4	5.9	8.3	10.8	13.1	15.3	17.7
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.4	7.5	9.5	11.4	13.1
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.8	7.4	8.8
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.2	3.8	4.5	5.1
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
85°	5.6	6.1	6.9	7.8	8.5	9.3	10.1	10.8	11.5	12.1	12.7
82.5°	10.1	11.5	12.8	14.2	15.4	16.6	17.7	18.9	20.0	21.2	22.3
80°	14.9	16.8	18.9	20.9	22.7	24.3	25.9	27.5	29.2	31.0	32.8
77.5°	20.5	23.1	25.6	27.9	30.1	32.5	34.9	37.2	39.5	41.8	44.0
75°	26.4	29.4	32.5	35.6	38.7	41.6	44.4	47.3	50.3	53.2	56.0
72.5°	32.5	36.3	40.0	43.6	47.4	51.0	54.5	57.9	61.5	65.1	68.5
70°	38.8	43.1	47.7	52.1	56.3	60.6	64.9	69.1	73.2	77.3	81.5
67.5°	45.2	50.6	55.8	60.7	65.7	70.7	75.6	80.6	85.4	90.2	94.8
65°	52.2	58.2	63.8	69.4	75.1	81.0	86.8	92.3	97.9	103.3	108.2
62.5°	59.1	65.4	71.7	78.1	84.8	91.5	97.8	104.1	110.6	116.3	121.2
60°	65.4	72.5	79.5	86.8	94.2	101.4	108.4	115.3	122.3	128.8	132.8
57.5°	71.6	79.3	87.1	95.0	102.8	110.8	118.2	125.8	132.3	137.8	142.4
55°	77.5	85.9	94.2	102.5	111.0	119.3	127.3	134.6	140.9	145.5	150.0
52.5°	83.3	92.2	100.8	109.7	118.7	127.5	135.9	142.6	147.9	152.5	156.7
50°	88.9	98.0	107.1	116.7	126.2	135.5	143.4	149.3	154.6	159.2	163.6
47.5°	94.2	103.7	113.3	123.5	133.5	142.5	149.8	155.9	161.3	166.3	171.5
45°	99.3	109.3	119.5	130.0	140.2	149.0	156.0	162.5	167.7	173.2	179.2
42.5°	104.2	114.8	125.4	136.2	146.6	154.8	161.7	167.8	173.8	180.4	187.5
40°	108.9	119.9	131.0	142.3	152.6	159.8	166.7	173.2	180.4	188.1	196.5
37.5°	113.3	124.7	136.2	148.0	157.0	164.5	171.5	178.7	187.1	196.1	207.4
35°	117.4	129.2	141.1	152.4	161.0	168.9	176.2	184.2	194.0	205.8	220.3
32.5°	121.2	133.3	145.6	156.0	164.7	172.9	180.3	190.3	202.1	216.1	236.7
30°	124.7	137.1	149.5	159.5	168.0	176.2	185.3	196.5	210.2	230.8	257.1
27.5°	128.0	140.6	152.5	162.4	170.9	179.4	190.0	203.6	221.7	246.3	279.0
25°	131.0	143.9	155.4	164.8	173.6	183.0	194.6	209.9	233.7	265.4	309.6
22.5°	133.7	146.9	158.2	167.0	176.2	186.4	199.9	219.0	246.5	283.4	340.4
20°	136.1	149.1	160.2	168.9	178.5	189.1	204.6	227.7	260.8	308.6	381.4
17.5°	138.2	151.1	161.8	170.9	180.8	192.3	209.1	235.1	273.5	330.6	422.8
15°	140.0	152.7	163.1	172.5	182.8	195.9	215.5	244.9	288.2	353.5	458.9
12.5°	141.5	154.1	164.1	173.8	184.5	198.8	220.9	254.1	303.6	381.6	512.0
10°	142.7	155.2	164.9	174.9	185.8	201.2	225.3	261.7	316.3	406.0	557.4
7.5°	143.8	156.0	165.5	175.6	186.7	203.0	228.6	267.5	326.0	425.1	593.3
5°	144.6	156.5	165.8	176.0	187.4	204.2	230.9	271.5	332.7	438.7	618.6
2.5°	145.1	156.6	165.9	176.1	188.0	204.7	232.1	273.7	338.0	445.2	632.1
0°	145.3	156.5	165.7	175.9	188.2	204.6	232.2	274.1	340.6	445.0	634.2
-2.5°	145.1	156.6	165.9	176.1	188.0	204.7	232.1	273.7	338.0	445.2	632.1
-5°	144.6	156.5	165.8	176.0	187.4	204.2	230.9	271.5	332.7	438.7	618.6
-7.5°	143.8	156.0	165.5	175.6	186.7	203.0	228.6	267.5	326.0	425.1	593.3
-10°	142.7	155.2	164.9	174.9	185.8	201.2	225.3	261.7	316.3	406.0	557.4
-12.5°	141.5	154.1	164.1	173.8	184.5	198.8	220.9	254.1	303.6	381.6	512.0
-15°	140.0	152.7	163.1	172.5	182.8	195.9	215.5	244.9	288.2	353.5	458.9
-17.5°	138.2	151.1	161.8	170.9	180.8	192.3	209.1	235.1	273.5	330.6	422.8
-20°	136.1	149.1	160.2	168.9	178.5	189.1	204.6	227.7	260.8	308.6	381.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	133.7	146.9	158.2	167.0	176.2	186.4	199.9	219.0	246.5	283.4	340.4
-25°	131.0	143.9	155.4	164.8	173.6	183.0	194.6	209.9	233.7	265.4	309.6
-27.5°	128.0	140.6	152.5	162.4	170.9	179.4	190.0	203.6	221.7	246.3	279.0
-30°	124.7	137.1	149.5	159.5	168.0	176.2	185.3	196.5	210.2	230.8	257.1
-32.5°	121.2	133.3	145.6	156.0	164.7	172.9	180.3	190.3	202.1	216.1	236.7
-35°	117.4	129.2	141.1	152.4	161.0	168.9	176.2	184.2	194.0	205.8	220.3
-37.5°	113.3	124.7	136.2	148.0	157.0	164.5	171.5	178.7	187.1	196.1	207.4
-40°	108.9	119.9	131.0	142.3	152.6	159.8	166.7	173.2	180.4	188.1	196.5
-42.5°	104.2	114.8	125.4	136.2	146.6	154.8	161.7	167.8	173.8	180.4	187.5
-45°	99.3	109.3	119.5	130.0	140.2	149.0	156.0	162.5	167.7	173.2	179.2
-47.5°	94.2	103.7	113.3	123.5	133.5	142.5	149.8	155.9	161.3	166.3	171.5
-50°	88.9	98.0	107.1	116.7	126.2	135.5	143.4	149.3	154.6	159.2	163.6
-52.5°	83.3	92.2	100.8	109.7	118.7	127.5	135.9	142.6	147.9	152.5	156.7
-55°	77.5	85.9	94.2	102.5	111.0	119.3	127.3	134.6	140.9	145.5	150.0
-57.5°	71.6	79.3	87.1	95.0	102.8	110.8	118.2	125.8	132.3	137.8	142.4
-60°	65.4	72.5	79.5	86.8	94.2	101.4	108.4	115.3	122.3	128.8	132.8
-62.5°	59.1	65.4	71.7	78.1	84.8	91.5	97.8	104.1	110.6	116.3	121.2
-65°	52.2	58.2	63.8	69.4	75.1	81.0	86.8	92.3	97.9	103.3	108.2
-67.5°	45.2	50.6	55.8	60.7	65.7	70.7	75.6	80.6	85.4	90.2	94.8
-70°	38.8	43.1	47.7	52.1	56.3	60.6	64.9	69.1	73.2	77.3	81.5
-72.5°	32.5	36.3	40.0	43.6	47.4	51.0	54.5	57.9	61.5	65.1	68.5
-75°	26.4	29.4	32.5	35.6	38.7	41.6	44.4	47.3	50.3	53.2	56.0
-77.5°	20.5	23.1	25.6	27.9	30.1	32.5	34.9	37.2	39.5	41.8	44.0
-80°	14.9	16.8	18.9	20.9	22.7	24.3	25.9	27.5	29.2	31.0	32.8
-82.5°	10.1	11.5	12.8	14.2	15.4	16.6	17.7	18.9	20.0	21.2	22.3
-85°	5.6	6.1	6.9	7.8	8.5	9.3	10.1	10.8	11.5	12.1	12.7
-87.5°	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8
-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: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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°	5.0	4.9	4.9	4.7	4.6	4.9	5.3	5.6	5.9	5.7	5.5
85°	13.3	13.6	13.9	14.1	14.3	14.9	15.5	16.1	16.6	16.6	16.6
82.5°	23.4	24.2	24.9	25.4	26.0	26.7	27.4	27.9	28.4	28.8	29.1
80°	34.5	35.8	36.8	37.8	38.6	39.6	40.5	41.3	42.0	42.4	42.7
77.5°	46.2	48.0	49.7	51.2	52.6	54.1	55.4	56.5	57.6	57.8	57.7
75°	58.7	61.1	63.4	65.4	67.4	69.0	70.4	71.6	72.5	73.0	73.3
72.5°	71.7	74.7	77.3	79.7	81.8	83.5	85.0	86.2	87.3	88.0	88.4
70°	85.4	88.9	91.6	93.9	95.6	97.3	99.2	101.0	102.7	103.7	104.0
67.5°	99.1	102.7	105.2	107.2	108.9	110.5	112.9	115.1	117.0	118.3	119.1
65°	112.5	116.3	118.8	120.7	122.2	123.9	126.6	128.7	130.3	131.6	132.8
62.5°	125.7	129.5	132.3	134.6	136.8	138.7	140.8	142.6	144.0	145.3	146.7
60°	137.1	141.7	144.6	147.0	149.6	152.5	154.1	155.5	156.6	157.7	158.6
57.5°	146.5	150.6	154.3	157.2	160.0	162.6	164.5	165.8	166.8	167.6	167.9
55°	154.3	158.5	162.8	165.8	168.6	171.1	173.1	174.8	176.2	177.2	177.5
52.5°	161.4	166.1	170.2	173.8	177.4	180.3	182.6	184.8	186.8	188.4	189.0
50°	169.0	174.0	179.1	183.9	187.7	191.0	193.8	197.0	200.3	203.1	204.8
47.5°	177.1	182.7	188.9	194.8	199.3	204.3	209.0	213.7	219.9	225.1	228.9
45°	185.4	192.7	199.8	207.2	213.5	222.9	231.7	239.2	249.1	258.1	265.3
42.5°	195.3	204.4	213.1	225.1	237.6	250.4	264.3	276.1	291.7	307.5	320.3
40°	207.1	218.7	234.0	250.1	269.8	287.4	311.4	332.7	356.6	386.8	411.7
37.5°	221.2	239.2	260.5	282.8	313.5	342.9	382.5	424.2	462.0	520.1	569.0
35°	239.6	264.7	292.7	332.2	375.7	430.8	492.5	573.0	642.1	740.1	833.7
32.5°	263.3	295.5	341.3	402.3	466.6	566.5	664.5	804.3	933.8	1089.1	1256.8
30°	289.7	338.7	408.6	492.3	612.3	759.3	931.9	1146.7	1381.8	1600.1	1815.2
27.5°	327.9	398.1	490.0	625.0	811.9	1017.5	1320.1	1611.8	1915.9	2186.3	2411.9
25°	372.4	465.3	607.4	806.1	1058.9	1411.1	1773.3	2133.2	2460.3	2743.4	2992.6
22.5°	430.0	563.6	753.0	1010.4	1404.1	1826.2	2250.9	2647.9	2996.8	3312.1	3581.9
20°	492.6	659.8	930.3	1314.1	1764.4	2245.2	2724.8	3147.6	3531.9	3889.3	4193.4
17.5°	572.0	806.0	1148.6	1609.1	2129.7	2656.5	3160.3	3619.1	4055.1	4433.4	4751.1
15°	639.7	934.9	1382.0	1922.1	2485.1	3040.8	3572.7	4071.1	4524.4	4912.6	5211.1
12.5°	729.9	1079.3	1589.2	2191.2	2801.2	3386.0	3946.2	4461.4	4922.7	5306.5	5539.0
10°	815.2	1228.8	1789.5	2417.2	3051.1	3674.1	4272.2	4800.6	5228.9	5534.2	5732.3
7.5°	887.7	1357.2	1952.4	2599.9	3249.6	3900.9	4506.4	5020.5	5415.4	5670.4	5808.3
5°	941.9	1453.3	2073.3	2748.4	3415.0	4077.8	4678.6	5161.2	5502.5	5691.9	5761.1
2.5°	976.4	1509.7	2143.4	2845.8	3525.8	4189.7	4796.7	5271.7	5561.3	5686.9	5698.8
0°	990.2	1517.0	2154.3	2896.9	3553.7	4221.6	4830.3	5317.2	5583.1	5686.5	5684.4
-2.5°	976.4	1509.7	2143.4	2845.8	3525.8	4189.7	4796.7	5271.7	5561.3	5686.9	5698.8
-5°	941.9	1453.3	2073.3	2748.4	3415.0	4077.8	4678.6	5161.2	5502.5	5691.9	5761.1
-7.5°	887.7	1357.2	1952.4	2599.9	3249.6	3900.9	4506.4	5020.5	5415.4	5670.4	5808.3
-10°	815.2	1228.8	1789.5	2417.2	3051.1	3674.1	4272.2	4800.6	5228.9	5534.2	5732.3
-12.5°	729.9	1079.3	1589.2	2191.2	2801.2	3386.0	3946.2	4461.4	4922.7	5306.5	5539.0
-15°	639.7	934.9	1382.0	1922.1	2485.1	3040.8	3572.7	4071.1	4524.4	4912.6	5211.1
-17.5°	572.0	806.0	1148.6	1609.1	2129.7	2656.5	3160.3	3619.1	4055.1	4433.4	4751.1
-20°	492.6	659.8	930.3	1314.1	1764.4	2245.2	2724.8	3147.6	3531.9	3889.3	4193.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	430.0	563.6	753.0	1010.4	1404.1	1826.2	2250.9	2647.9	2996.8	3312.1	3581.9
-25°	372.4	465.3	607.4	806.1	1058.9	1411.1	1773.3	2133.2	2460.3	2743.4	2992.6
-27.5°	327.9	398.1	490.0	625.0	811.9	1017.5	1320.1	1611.8	1915.9	2186.3	2411.9
-30°	289.7	338.7	408.6	492.3	612.3	759.3	931.9	1146.7	1381.8	1600.1	1815.2
-32.5°	263.3	295.5	341.3	402.3	466.6	566.5	664.5	804.3	933.8	1089.1	1256.8
-35°	239.6	264.7	292.7	332.2	375.7	430.8	492.5	573.0	642.1	740.1	833.7
-37.5°	221.2	239.2	260.5	282.8	313.5	342.9	382.5	424.2	462.0	520.1	569.0
-40°	207.1	218.7	234.0	250.1	269.8	287.4	311.4	332.7	356.6	386.8	411.7
-42.5°	195.3	204.4	213.1	225.1	237.6	250.4	264.3	276.1	291.7	307.5	320.3
-45°	185.4	192.7	199.8	207.2	213.5	222.9	231.7	239.2	249.1	258.1	265.3
-47.5°	177.1	182.7	188.9	194.8	199.3	204.3	209.0	213.7	219.9	225.1	228.9
-50°	169.0	174.0	179.1	183.9	187.7	191.0	193.8	197.0	200.3	203.1	204.8
-52.5°	161.4	166.1	170.2	173.8	177.4	180.3	182.6	184.8	186.8	188.4	189.0
-55°	154.3	158.5	162.8	165.8	168.6	171.1	173.1	174.8	176.2	177.2	177.5
-57.5°	146.5	150.6	154.3	157.2	160.0	162.6	164.5	165.8	166.8	167.6	167.9
-60°	137.1	141.7	144.6	147.0	149.6	152.5	154.1	155.5	156.6	157.7	158.6
-62.5°	125.7	129.5	132.3	134.6	136.8	138.7	140.8	142.6	144.0	145.3	146.7
-65°	112.5	116.3	118.8	120.7	122.2	123.9	126.6	128.7	130.3	131.6	132.8
-67.5°	99.1	102.7	105.2	107.2	108.9	110.5	112.9	115.1	117.0	118.3	119.1
-70°	85.4	88.9	91.6	93.9	95.6	97.3	99.2	101.0	102.7	103.7	104.0
-72.5°	71.7	74.7	77.3	79.7	81.8	83.5	85.0	86.2	87.3	88.0	88.4
-75°	58.7	61.1	63.4	65.4	67.4	69.0	70.4	71.6	72.5	73.0	73.3
-77.5°	46.2	48.0	49.7	51.2	52.6	54.1	55.4	56.5	57.6	57.8	57.7
-80°	34.5	35.8	36.8	37.8	38.6	39.6	40.5	41.3	42.0	42.4	42.7
-82.5°	23.4	24.2	24.9	25.4	26.0	26.7	27.4	27.9	28.4	28.8	29.1
-85°	13.3	13.6	13.9	14.1	14.3	14.9	15.5	16.1	16.6	16.6	16.6
-87.5°	5.0	4.9	4.9	4.7	4.6	4.9	5.3	5.6	5.9	5.7	5.5
-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: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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°	5.3	5.1	5.1	5.1	5.1	5.1	5.3	5.5	5.7	5.9	5.6
85°	16.5	16.3	15.8	15.3	15.8	16.3	16.5	16.6	16.6	16.6	16.1
82.5°	29.4	29.5	29.1	28.6	29.1	29.5	29.4	29.1	28.8	28.4	27.9
80°	42.8	42.8	42.4	41.9	42.4	42.8	42.8	42.7	42.4	42.0	41.3
77.5°	57.5	57.1	57.2	57.3	57.2	57.1	57.5	57.7	57.8	57.6	56.5
75°	73.4	73.4	73.1	72.6	73.1	73.4	73.4	73.3	73.0	72.5	71.6
72.5°	88.6	88.6	88.4	88.0	88.4	88.6	88.6	88.4	88.0	87.3	86.2
70°	104.1	103.9	104.2	104.3	104.2	103.9	104.1	104.0	103.7	102.7	101.0
67.5°	119.7	120.2	120.1	119.7	120.1	120.2	119.7	119.1	118.3	117.0	115.1
65°	133.7	134.4	134.9	135.0	134.9	134.4	133.7	132.8	131.6	130.3	128.7
62.5°	147.8	148.7	148.7	148.3	148.7	148.7	147.8	146.7	145.3	144.0	142.6
60°	159.1	159.2	159.0	158.6	159.0	159.2	159.1	158.6	157.7	156.6	155.5
57.5°	167.9	167.6	167.2	166.7	167.2	167.6	167.9	167.9	167.6	166.8	165.8
55°	177.4	176.9	176.4	175.9	176.4	176.9	177.4	177.5	177.2	176.2	174.8
52.5°	189.2	188.9	188.6	188.2	188.6	188.9	189.2	189.0	188.4	186.8	184.8
50°	205.7	205.9	205.9	205.6	205.9	205.9	205.7	204.8	203.1	200.3	197.0
47.5°	231.4	232.8	233.7	234.3	233.7	232.8	231.4	228.9	225.1	219.9	213.7
45°	269.9	272.7	274.6	276.2	274.6	272.7	269.9	265.3	258.1	249.1	239.2
42.5°	329.3	335.4	338.3	337.6	338.3	335.4	329.3	320.3	307.5	291.7	276.1
40°	428.4	438.2	443.7	448.0	443.7	438.2	428.4	411.7	386.8	356.6	332.7
37.5°	602.4	621.5	631.6	640.4	631.6	621.5	602.4	569.0	520.1	462.0	424.2
35°	903.7	946.8	969.9	977.9	969.9	946.8	903.7	833.7	740.1	642.1	573.0
32.5°	1387.2	1466.7	1510.7	1544.6	1510.7	1466.7	1387.2	1256.8	1089.1	933.8	804.3
30°	1985.5	2090.2	2148.4	2176.8	2148.4	2090.2	1985.5	1815.2	1600.1	1381.8	1146.7
27.5°	2598.9	2717.9	2780.6	2777.3	2780.6	2717.9	2598.9	2411.9	2186.3	1915.9	1611.8
25°	3206.3	3344.2	3406.7	3462.6	3406.7	3344.2	3206.3	2992.6	2743.4	2460.3	2133.2
22.5°	3820.7	3981.9	4069.9	4111.2	4069.9	3981.9	3820.7	3581.9	3312.1	2996.8	2647.9
20°	4427.7	4607.2	4700.6	4741.3	4700.6	4607.2	4427.7	4193.4	3889.3	3531.9	3147.6
17.5°	4966.1	5141.3	5230.4	5268.1	5230.4	5141.3	4966.1	4751.1	4433.4	4055.1	3619.1
15°	5396.0	5525.2	5600.9	5621.0	5600.9	5525.2	5396.0	5211.1	4912.6	4524.4	4071.1
12.5°	5693.1	5743.2	5779.6	5790.8	5779.6	5743.2	5693.1	5539.0	5306.5	4922.7	4461.4
10°	5845.1	5822.5	5813.1	5814.3	5813.1	5822.5	5845.1	5732.3	5534.2	5228.9	4800.6
7.5°	5834.6	5801.2	5734.0	5723.3	5734.0	5801.2	5834.6	5808.3	5670.4	5415.4	5020.5
5°	5750.8	5689.9	5578.4	5546.3	5578.4	5689.9	5750.8	5761.1	5691.9	5502.5	5161.2
2.5°	5653.1	5543.3	5440.6	5374.5	5440.6	5543.3	5653.1	5698.8	5686.9	5561.3	5271.7
0°	5624.1	5497.2	5364.2	5321.3	5364.2	5497.2	5624.1	5684.4	5686.5	5583.1	5317.2
-2.5°	5653.1	5543.3	5440.6	5374.5	5440.6	5543.3	5653.1	5698.8	5686.9	5561.3	5271.7
-5°	5750.8	5689.9	5578.4	5546.3	5578.4	5689.9	5750.8	5761.1	5691.9	5502.5	5161.2
-7.5°	5834.6	5801.2	5734.0	5723.3	5734.0	5801.2	5834.6	5808.3	5670.4	5415.4	5020.5
-10°	5845.1	5822.5	5813.1	5814.3	5813.1	5822.5	5845.1	5732.3	5534.2	5228.9	4800.6
-12.5°	5693.1	5743.2	5779.6	5790.8	5779.6	5743.2	5693.1	5539.0	5306.5	4922.7	4461.4
-15°	5396.0	5525.2	5600.9	5621.0	5600.9	5525.2	5396.0	5211.1	4912.6	4524.4	4071.1
-17.5°	4966.1	5141.3	5230.4	5268.1	5230.4	5141.3	4966.1	4751.1	4433.4	4055.1	3619.1
-20°	4427.7	4607.2	4700.6	4741.3	4700.6	4607.2	4427.7	4193.4	3889.3	3531.9	3147.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3820.7	3981.9	4069.9	4111.2	4069.9	3981.9	3820.7	3581.9	3312.1	2996.8	2647.9
-25°	3206.3	3344.2	3406.7	3462.6	3406.7	3344.2	3206.3	2992.6	2743.4	2460.3	2133.2
-27.5°	2598.9	2717.9	2780.6	2777.3	2780.6	2717.9	2598.9	2411.9	2186.3	1915.9	1611.8
-30°	1985.5	2090.2	2148.4	2176.8	2148.4	2090.2	1985.5	1815.2	1600.1	1381.8	1146.7
-32.5°	1387.2	1466.7	1510.7	1544.6	1510.7	1466.7	1387.2	1256.8	1089.1	933.8	804.3
-35°	903.7	946.8	969.9	977.9	969.9	946.8	903.7	833.7	740.1	642.1	573.0
-37.5°	602.4	621.5	631.6	640.4	631.6	621.5	602.4	569.0	520.1	462.0	424.2
-40°	428.4	438.2	443.7	448.0	443.7	438.2	428.4	411.7	386.8	356.6	332.7
-42.5°	329.3	335.4	338.3	337.6	338.3	335.4	329.3	320.3	307.5	291.7	276.1
-45°	269.9	272.7	274.6	276.2	274.6	272.7	269.9	265.3	258.1	249.1	239.2
-47.5°	231.4	232.8	233.7	234.3	233.7	232.8	231.4	228.9	225.1	219.9	213.7
-50°	205.7	205.9	205.9	205.6	205.9	205.9	205.7	204.8	203.1	200.3	197.0
-52.5°	189.2	188.9	188.6	188.2	188.6	188.9	189.2	189.0	188.4	186.8	184.8
-55°	177.4	176.9	176.4	175.9	176.4	176.9	177.4	177.5	177.2	176.2	174.8
-57.5°	167.9	167.6	167.2	166.7	167.2	167.6	167.9	167.9	167.6	166.8	165.8
-60°	159.1	159.2	159.0	158.6	159.0	159.2	159.1	158.6	157.7	156.6	155.5
-62.5°	147.8	148.7	148.7	148.3	148.7	148.7	147.8	146.7	145.3	144.0	142.6
-65°	133.7	134.4	134.9	135.0	134.9	134.4	133.7	132.8	131.6	130.3	128.7
-67.5°	119.7	120.2	120.1	119.7	120.1	120.2	119.7	119.1	118.3	117.0	115.1
-70°	104.1	103.9	104.2	104.3	104.2	103.9	104.1	104.0	103.7	102.7	101.0
-72.5°	88.6	88.6	88.4	88.0	88.4	88.6	88.6	88.4	88.0	87.3	86.2
-75°	73.4	73.4	73.1	72.6	73.1	73.4	73.4	73.3	73.0	72.5	71.6
-77.5°	57.5	57.1	57.2	57.3	57.2	57.1	57.5	57.7	57.8	57.6	56.5
-80°	42.8	42.8	42.4	41.9	42.4	42.8	42.8	42.7	42.4	42.0	41.3
-82.5°	29.4	29.5	29.1	28.6	29.1	29.5	29.4	29.1	28.8	28.4	27.9
-85°	16.5	16.3	15.8	15.3	15.8	16.3	16.5	16.6	16.6	16.6	16.1
-87.5°	5.3	5.1	5.1	5.1	5.1	5.1	5.3	5.5	5.7	5.9	5.6
-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: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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°	5.3	4.9	4.6	4.7	4.9	4.9	5.0	4.8	4.7	4.5	4.3
85°	15.5	14.9	14.3	14.1	13.9	13.6	13.3	12.7	12.1	11.5	10.8
82.5°	27.4	26.7	26.0	25.4	24.9	24.2	23.4	22.3	21.2	20.0	18.9
80°	40.5	39.6	38.6	37.8	36.8	35.8	34.5	32.8	31.0	29.2	27.5
77.5°	55.4	54.1	52.6	51.2	49.7	48.0	46.2	44.0	41.8	39.5	37.2
75°	70.4	69.0	67.4	65.4	63.4	61.1	58.7	56.0	53.2	50.3	47.3
72.5°	85.0	83.5	81.8	79.7	77.3	74.7	71.7	68.5	65.1	61.5	57.9
70°	99.2	97.3	95.6	93.9	91.6	88.9	85.4	81.5	77.3	73.2	69.1
67.5°	112.9	110.5	108.9	107.2	105.2	102.7	99.1	94.8	90.2	85.4	80.6
65°	126.6	123.9	122.2	120.7	118.8	116.3	112.5	108.2	103.3	97.9	92.3
62.5°	140.8	138.7	136.8	134.6	132.3	129.5	125.7	121.2	116.3	110.6	104.1
60°	154.1	152.5	149.6	147.0	144.6	141.7	137.1	132.8	128.8	122.3	115.3
57.5°	164.5	162.6	160.0	157.2	154.3	150.6	146.5	142.4	137.8	132.3	125.8
55°	173.1	171.1	168.6	165.8	162.8	158.5	154.3	150.0	145.5	140.9	134.6
52.5°	182.6	180.3	177.4	173.8	170.2	166.1	161.4	156.7	152.5	147.9	142.6
50°	193.8	191.0	187.7	183.9	179.1	174.0	169.0	163.6	159.2	154.6	149.3
47.5°	209.0	204.3	199.3	194.8	188.9	182.7	177.1	171.5	166.3	161.3	155.9
45°	231.7	222.9	213.5	207.2	199.8	192.7	185.4	179.2	173.2	167.7	162.5
42.5°	264.3	250.4	237.6	225.1	213.1	204.4	195.3	187.5	180.4	173.8	167.8
40°	311.4	287.4	269.8	250.1	234.0	218.7	207.1	196.5	188.1	180.4	173.2
37.5°	382.5	342.9	313.5	282.8	260.5	239.2	221.2	207.4	196.1	187.1	178.7
35°	492.5	430.8	375.7	332.2	292.7	264.7	239.6	220.3	205.8	194.0	184.2
32.5°	664.5	566.5	466.6	402.3	341.3	295.5	263.3	236.7	216.1	202.1	190.3
30°	931.9	759.3	612.3	492.3	408.6	338.7	289.7	257.1	230.8	210.2	196.5
27.5°	1320.1	1017.5	811.9	625.0	490.0	398.1	327.9	279.0	246.3	221.7	203.6
25°	1773.3	1411.1	1058.9	806.1	607.4	465.3	372.4	309.6	265.4	233.7	209.9
22.5°	2250.9	1826.2	1404.1	1010.4	753.0	563.6	430.0	340.4	283.4	246.5	219.0
20°	2724.8	2245.2	1764.4	1314.1	930.3	659.8	492.6	381.4	308.6	260.8	227.7
17.5°	3160.3	2656.5	2129.7	1609.1	1148.6	806.0	572.0	422.8	330.6	273.5	235.1
15°	3572.7	3040.8	2485.1	1922.1	1382.0	934.9	639.7	458.9	353.5	288.2	244.9
12.5°	3946.2	3386.0	2801.2	2191.2	1589.2	1079.3	729.9	512.0	381.6	303.6	254.1
10°	4272.2	3674.1	3051.1	2417.2	1789.5	1228.8	815.2	557.4	406.0	316.3	261.7
7.5°	4506.4	3900.9	3249.6	2599.9	1952.4	1357.2	887.7	593.3	425.1	326.0	267.5
5°	4678.6	4077.8	3415.0	2748.4	2073.3	1453.3	941.9	618.6	438.7	332.7	271.5
2.5°	4796.7	4189.7	3525.8	2845.8	2143.4	1509.7	976.4	632.1	445.2	338.0	273.7
0°	4830.3	4221.6	3553.7	2896.9	2154.3	1517.0	990.2	634.2	445.0	340.6	274.1
-2.5°	4796.7	4189.7	3525.8	2845.8	2143.4	1509.7	976.4	632.1	445.2	338.0	273.7
-5°	4678.6	4077.8	3415.0	2748.4	2073.3	1453.3	941.9	618.6	438.7	332.7	271.5
-7.5°	4506.4	3900.9	3249.6	2599.9	1952.4	1357.2	887.7	593.3	425.1	326.0	267.5
-10°	4272.2	3674.1	3051.1	2417.2	1789.5	1228.8	815.2	557.4	406.0	316.3	261.7
-12.5°	3946.2	3386.0	2801.2	2191.2	1589.2	1079.3	729.9	512.0	381.6	303.6	254.1
-15°	3572.7	3040.8	2485.1	1922.1	1382.0	934.9	639.7	458.9	353.5	288.2	244.9
-17.5°	3160.3	2656.5	2129.7	1609.1	1148.6	806.0	572.0	422.8	330.6	273.5	235.1
-20°	2724.8	2245.2	1764.4	1314.1	930.3	659.8	492.6	381.4	308.6	260.8	227.7



Classified

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REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2250.9	1826.2	1404.1	1010.4	753.0	563.6	430.0	340.4	283.4	246.5	219.0
-25°	1773.3	1411.1	1058.9	806.1	607.4	465.3	372.4	309.6	265.4	233.7	209.9
-27.5°	1320.1	1017.5	811.9	625.0	490.0	398.1	327.9	279.0	246.3	221.7	203.6
-30°	931.9	759.3	612.3	492.3	408.6	338.7	289.7	257.1	230.8	210.2	196.5
-32.5°	664.5	566.5	466.6	402.3	341.3	295.5	263.3	236.7	216.1	202.1	190.3
-35°	492.5	430.8	375.7	332.2	292.7	264.7	239.6	220.3	205.8	194.0	184.2
-37.5°	382.5	342.9	313.5	282.8	260.5	239.2	221.2	207.4	196.1	187.1	178.7
-40°	311.4	287.4	269.8	250.1	234.0	218.7	207.1	196.5	188.1	180.4	173.2
-42.5°	264.3	250.4	237.6	225.1	213.1	204.4	195.3	187.5	180.4	173.8	167.8
-45°	231.7	222.9	213.5	207.2	199.8	192.7	185.4	179.2	173.2	167.7	162.5
-47.5°	209.0	204.3	199.3	194.8	188.9	182.7	177.1	171.5	166.3	161.3	155.9
-50°	193.8	191.0	187.7	183.9	179.1	174.0	169.0	163.6	159.2	154.6	149.3
-52.5°	182.6	180.3	177.4	173.8	170.2	166.1	161.4	156.7	152.5	147.9	142.6
-55°	173.1	171.1	168.6	165.8	162.8	158.5	154.3	150.0	145.5	140.9	134.6
-57.5°	164.5	162.6	160.0	157.2	154.3	150.6	146.5	142.4	137.8	132.3	125.8
-60°	154.1	152.5	149.6	147.0	144.6	141.7	137.1	132.8	128.8	122.3	115.3
-62.5°	140.8	138.7	136.8	134.6	132.3	129.5	125.7	121.2	116.3	110.6	104.1
-65°	126.6	123.9	122.2	120.7	118.8	116.3	112.5	108.2	103.3	97.9	92.3
-67.5°	112.9	110.5	108.9	107.2	105.2	102.7	99.1	94.8	90.2	85.4	80.6
-70°	99.2	97.3	95.6	93.9	91.6	88.9	85.4	81.5	77.3	73.2	69.1
-72.5°	85.0	83.5	81.8	79.7	77.3	74.7	71.7	68.5	65.1	61.5	57.9
-75°	70.4	69.0	67.4	65.4	63.4	61.1	58.7	56.0	53.2	50.3	47.3
-77.5°	55.4	54.1	52.6	51.2	49.7	48.0	46.2	44.0	41.8	39.5	37.2
-80°	40.5	39.6	38.6	37.8	36.8	35.8	34.5	32.8	31.0	29.2	27.5
-82.5°	27.4	26.7	26.0	25.4	24.9	24.2	23.4	22.3	21.2	20.0	18.9
-85°	15.5	14.9	14.3	14.1	13.9	13.6	13.3	12.7	12.1	11.5	10.8
-87.5°	5.3	4.9	4.6	4.7	4.9	4.9	5.0	4.8	4.7	4.5	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





REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.2	1.9	1.6
85°	10.1	9.3	8.5	7.8	6.9	6.1	5.6	5.1	4.5	3.8	3.2
82.5°	17.7	16.6	15.4	14.2	12.8	11.5	10.1	8.8	7.4	5.8	4.8
80°	25.9	24.3	22.7	20.9	18.9	16.8	14.9	13.1	11.4	9.5	7.5
77.5°	34.9	32.5	30.1	27.9	25.6	23.1	20.5	17.7	15.3	13.1	10.8
75°	44.4	41.6	38.7	35.6	32.5	29.4	26.4	23.2	20.0	16.8	14.0
72.5°	54.5	51.0	47.4	43.6	40.0	36.3	32.5	28.6	25.0	21.2	17.4
70°	64.9	60.6	56.3	52.1	47.7	43.1	38.8	34.3	29.8	25.5	21.2
67.5°	75.6	70.7	65.7	60.7	55.8	50.6	45.2	39.9	34.8	29.8	25.0
65°	86.8	81.0	75.1	69.4	63.8	58.2	52.2	45.7	39.7	34.1	28.6
62.5°	97.8	91.5	84.8	78.1	71.7	65.4	59.1	51.8	44.6	38.3	32.3
60°	108.4	101.4	94.2	86.8	79.5	72.5	65.4	57.8	50.0	42.4	35.8
57.5°	118.2	110.8	102.8	95.0	87.1	79.3	71.6	63.5	55.2	46.9	39.3
55°	127.3	119.3	111.0	102.5	94.2	85.9	77.5	68.9	60.2	51.3	42.6
52.5°	135.9	127.5	118.7	109.7	100.8	92.2	83.3	74.2	64.9	55.6	46.3
50°	143.4	135.5	126.2	116.7	107.1	98.0	88.9	79.3	69.5	59.7	49.9
47.5°	149.8	142.5	133.5	123.5	113.3	103.7	94.2	84.2	74.0	63.6	53.4
45°	156.0	149.0	140.2	130.0	119.5	109.3	99.3	89.0	78.2	67.4	56.7
42.5°	161.7	154.8	146.6	136.2	125.4	114.8	104.2	93.4	82.3	71.0	59.9
40°	166.7	159.8	152.6	142.3	131.0	119.9	108.9	97.8	86.2	74.5	62.9
37.5°	171.5	164.5	157.0	148.0	136.2	124.7	113.3	101.9	90.0	77.8	65.7
35°	176.2	168.9	161.0	152.4	141.1	129.2	117.4	105.8	93.5	81.0	68.3
32.5°	180.3	172.9	164.7	156.0	145.6	133.3	121.2	109.2	96.8	84.0	70.7
30°	185.3	176.2	168.0	159.5	149.5	137.1	124.7	112.4	99.8	86.8	73.0
27.5°	190.0	179.4	170.9	162.4	152.5	140.6	128.0	115.3	102.5	89.4	75.3
25°	194.6	183.0	173.6	164.8	155.4	143.9	131.0	118.0	105.0	91.6	77.4
22.5°	199.9	186.4	176.2	167.0	158.2	146.9	133.7	120.4	107.1	93.7	79.3
20°	204.6	189.1	178.5	168.9	160.2	149.1	136.1	122.6	109.1	95.4	81.0
17.5°	209.1	192.3	180.8	170.9	161.8	151.1	138.2	124.5	110.8	97.0	82.6
15°	215.5	195.9	182.8	172.5	163.1	152.7	140.0	126.1	112.2	98.3	84.0
12.5°	220.9	198.8	184.5	173.8	164.1	154.1	141.5	127.4	113.4	99.5	85.2
10°	225.3	201.2	185.8	174.9	164.9	155.2	142.7	128.6	114.5	100.5	86.2
7.5°	228.6	203.0	186.7	175.6	165.5	156.0	143.8	129.6	115.4	101.3	87.0
5°	230.9	204.2	187.4	176.0	165.8	156.5	144.6	130.3	116.1	101.8	87.5
2.5°	232.1	204.7	188.0	176.1	165.9	156.6	145.1	130.8	116.5	102.2	87.9
0°	232.2	204.6	188.2	175.9	165.7	156.5	145.3	130.9	116.6	102.3	88.0
-2.5°	232.1	204.7	188.0	176.1	165.9	156.6	145.1	130.8	116.5	102.2	87.9
-5°	230.9	204.2	187.4	176.0	165.8	156.5	144.6	130.3	116.1	101.8	87.5
-7.5°	228.6	203.0	186.7	175.6	165.5	156.0	143.8	129.6	115.4	101.3	87.0
-10°	225.3	201.2	185.8	174.9	164.9	155.2	142.7	128.6	114.5	100.5	86.2
-12.5°	220.9	198.8	184.5	173.8	164.1	154.1	141.5	127.4	113.4	99.5	85.2
-15°	215.5	195.9	182.8	172.5	163.1	152.7	140.0	126.1	112.2	98.3	84.0
-17.5°	209.1	192.3	180.8	170.9	161.8	151.1	138.2	124.5	110.8	97.0	82.6
-20°	204.6	189.1	178.5	168.9	160.2	149.1	136.1	122.6	109.1	95.4	81.0

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Scaled Data Report



REPORT NUMBER: P626637 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	199.9	186.4	176.2	167.0	158.2	146.9	133.7	120.4	107.1	93.7	79.3
-25°	194.6	183.0	173.6	164.8	155.4	143.9	131.0	118.0	105.0	91.6	77.4
-27.5°	190.0	179.4	170.9	162.4	152.5	140.6	128.0	115.3	102.5	89.4	75.3
-30°	185.3	176.2	168.0	159.5	149.5	137.1	124.7	112.4	99.8	86.8	73.0
-32.5°	180.3	172.9	164.7	156.0	145.6	133.3	121.2	109.2	96.8	84.0	70.7
-35°	176.2	168.9	161.0	152.4	141.1	129.2	117.4	105.8	93.5	81.0	68.3
-37.5°	171.5	164.5	157.0	148.0	136.2	124.7	113.3	101.9	90.0	77.8	65.7
-40°	166.7	159.8	152.6	142.3	131.0	119.9	108.9	97.8	86.2	74.5	62.9
-42.5°	161.7	154.8	146.6	136.2	125.4	114.8	104.2	93.4	82.3	71.0	59.9
-45°	156.0	149.0	140.2	130.0	119.5	109.3	99.3	89.0	78.2	67.4	56.7
-47.5°	149.8	142.5	133.5	123.5	113.3	103.7	94.2	84.2	74.0	63.6	53.4
-50°	143.4	135.5	126.2	116.7	107.1	98.0	88.9	79.3	69.5	59.7	49.9
-52.5°	135.9	127.5	118.7	109.7	100.8	92.2	83.3	74.2	64.9	55.6	46.3
-55°	127.3	119.3	111.0	102.5	94.2	85.9	77.5	68.9	60.2	51.3	42.6
-57.5°	118.2	110.8	102.8	95.0	87.1	79.3	71.6	63.5	55.2	46.9	39.3
-60°	108.4	101.4	94.2	86.8	79.5	72.5	65.4	57.8	50.0	42.4	35.8
-62.5°	97.8	91.5	84.8	78.1	71.7	65.4	59.1	51.8	44.6	38.3	32.3
-65°	86.8	81.0	75.1	69.4	63.8	58.2	52.2	45.7	39.7	34.1	28.6
-67.5°	75.6	70.7	65.7	60.7	55.8	50.6	45.2	39.9	34.8	29.8	25.0
-70°	64.9	60.6	56.3	52.1	47.7	43.1	38.8	34.3	29.8	25.5	21.2
-72.5°	54.5	51.0	47.4	43.6	40.0	36.3	32.5	28.6	25.0	21.2	17.4
-75°	44.4	41.6	38.7	35.6	32.5	29.4	26.4	23.2	20.0	16.8	14.0
-77.5°	34.9	32.5	30.1	27.9	25.6	23.1	20.5	17.7	15.3	13.1	10.8
-80°	25.9	24.3	22.7	20.9	18.9	16.8	14.9	13.1	11.4	9.5	7.5
-82.5°	17.7	16.6	15.4	14.2	12.8	11.5	10.1	8.8	7.4	5.8	4.8
-85°	10.1	9.3	8.5	7.8	6.9	6.1	5.6	5.1	4.5	3.8	3.2
-87.5°	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.2	1.9	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
80°	5.4	4.4	3.5	2.6	1.8	0.9	0.0
77.5°	8.3	5.9	4.4	3.3	2.2	1.1	0.0
75°	11.2	8.3	5.4	3.9	2.6	1.3	0.0
72.5°	14.0	10.7	7.3	4.6	3.1	1.5	0.0
70°	16.8	13.0	9.2	5.4	3.5	1.7	0.0
67.5°	20.0	15.3	11.0	6.7	3.9	2.0	0.0
65°	23.1	17.7	12.8	8.1	4.3	2.2	0.0
62.5°	26.2	20.2	14.6	9.4	4.7	2.4	0.0
60°	29.1	22.6	16.3	10.7	5.1	2.5	0.0
57.5°	32.1	25.0	18.2	12.0	5.9	2.7	0.0
55°	35.0	27.3	20.0	13.2	6.7	2.9	0.0
52.5°	37.9	29.5	21.8	14.4	7.5	3.1	0.0
50°	40.7	31.9	23.4	15.6	8.2	3.3	0.0
47.5°	43.4	34.1	25.1	16.7	9.0	3.4	0.0
45°	46.2	36.3	26.6	17.8	9.6	3.6	0.0
42.5°	48.9	38.4	28.1	19.0	10.3	3.8	0.0
40°	51.5	40.4	29.6	20.0	10.9	3.9	0.0
37.5°	53.9	42.4	31.1	20.9	11.5	4.0	0.0
35°	56.1	44.2	32.6	21.8	12.0	4.2	0.0
32.5°	58.3	46.0	33.9	22.6	12.5	4.3	0.0
30°	60.2	47.6	35.2	23.4	13.0	4.4	0.0
27.5°	62.0	49.1	36.4	24.1	13.4	4.5	0.0
25°	63.6	50.5	37.4	24.8	13.8	4.6	0.0
22.5°	65.1	51.7	38.3	25.4	14.1	4.7	0.0
20°	66.4	52.8	39.2	25.9	14.4	4.8	0.0
17.5°	67.5	53.7	39.9	26.3	14.7	4.9	0.0
15°	68.6	54.5	40.5	26.7	14.9	4.9	0.0
12.5°	69.5	55.1	41.0	27.0	15.0	5.0	0.0
10°	70.2	55.6	41.4	27.3	15.2	5.0	0.0
7.5°	70.8	56.0	41.7	27.5	15.3	5.1	0.0
5°	71.2	56.2	41.9	27.6	15.3	5.1	0.0
2.5°	71.5	56.3	41.9	27.6	15.3	5.1	0.0
0°	71.6	56.3	41.9	27.6	15.3	5.1	0.0
-2.5°	71.5	56.3	41.9	27.6	15.3	5.1	0.0
-5°	71.2	56.2	41.9	27.6	15.3	5.1	0.0
-7.5°	70.8	56.0	41.7	27.5	15.3	5.1	0.0
-10°	70.2	55.6	41.4	27.3	15.2	5.0	0.0
-12.5°	69.5	55.1	41.0	27.0	15.0	5.0	0.0
-15°	68.6	54.5	40.5	26.7	14.9	4.9	0.0
-17.5°	67.5	53.7	39.9	26.3	14.7	4.9	0.0
-20°	66.4	52.8	39.2	25.9	14.4	4.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	65.1	51.7	38.3	25.4	14.1	4.7	0.0
-25°	63.6	50.5	37.4	24.8	13.8	4.6	0.0
-27.5°	62.0	49.1	36.4	24.1	13.4	4.5	0.0
-30°	60.2	47.6	35.2	23.4	13.0	4.4	0.0
-32.5°	58.3	46.0	33.9	22.6	12.5	4.3	0.0
-35°	56.1	44.2	32.6	21.8	12.0	4.2	0.0
-37.5°	53.9	42.4	31.1	20.9	11.5	4.0	0.0
-40°	51.5	40.4	29.6	20.0	10.9	3.9	0.0
-42.5°	48.9	38.4	28.1	19.0	10.3	3.8	0.0
-45°	46.2	36.3	26.6	17.8	9.6	3.6	0.0
-47.5°	43.4	34.1	25.1	16.7	9.0	3.4	0.0
-50°	40.7	31.9	23.4	15.6	8.2	3.3	0.0
-52.5°	37.9	29.5	21.8	14.4	7.5	3.1	0.0
-55°	35.0	27.3	20.0	13.2	6.7	2.9	0.0
-57.5°	32.1	25.0	18.2	12.0	5.9	2.7	0.0
-60°	29.1	22.6	16.3	10.7	5.1	2.5	0.0
-62.5°	26.2	20.2	14.6	9.4	4.7	2.4	0.0
-65°	23.1	17.7	12.8	8.1	4.3	2.2	0.0
-67.5°	20.0	15.3	11.0	6.7	3.9	2.0	0.0
-70°	16.8	13.0	9.2	5.4	3.5	1.7	0.0
-72.5°	14.0	10.7	7.3	4.6	3.1	1.5	0.0
-75°	11.2	8.3	5.4	3.9	2.6	1.3	0.0
-77.5°	8.3	5.9	4.4	3.3	2.2	1.1	0.0
-80°	5.4	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)