

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: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-722-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N6  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

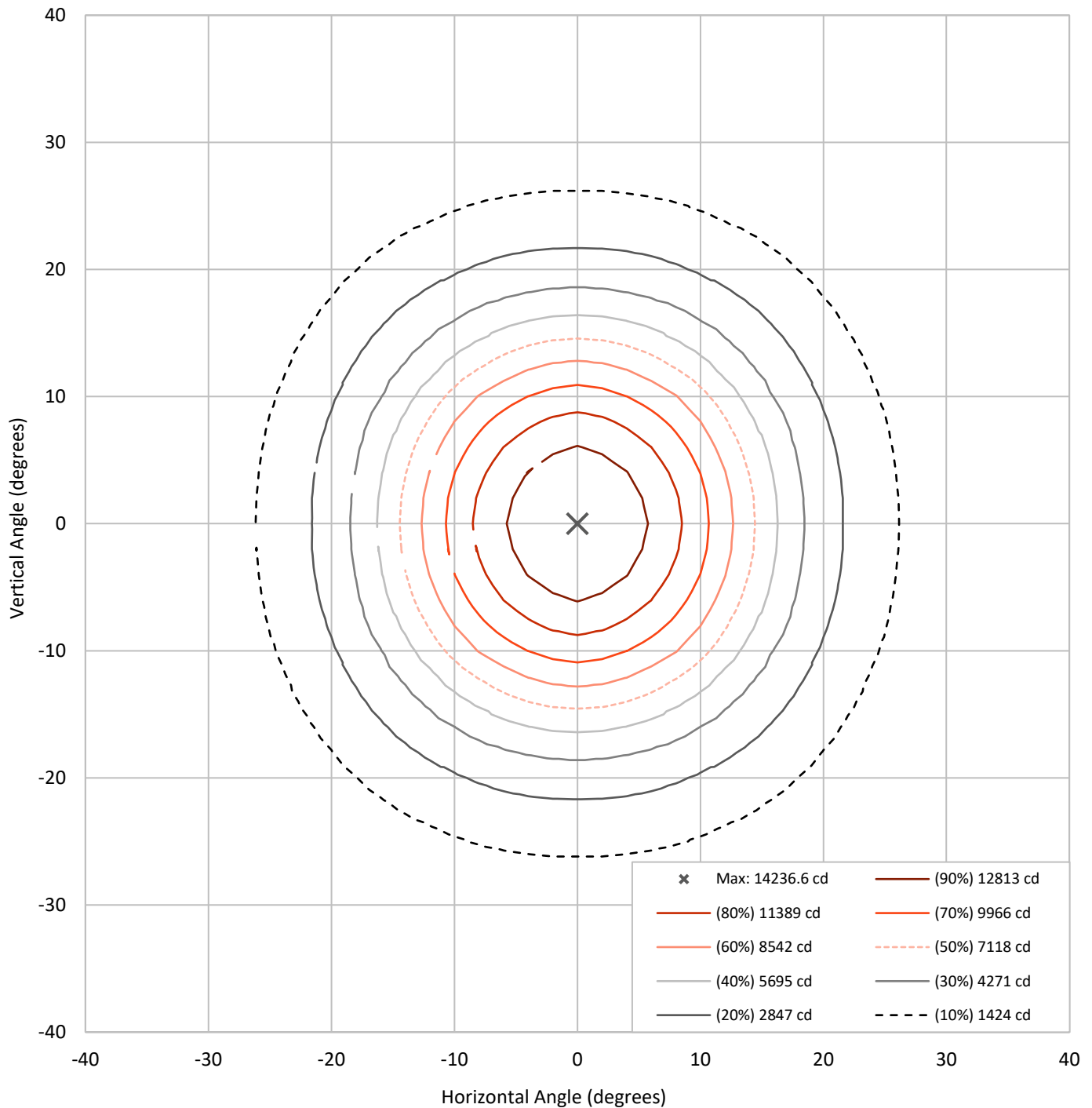
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4448 lumens	Max Intensity:	14236.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	2162.6 lumens	Field Lumens:	3649.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





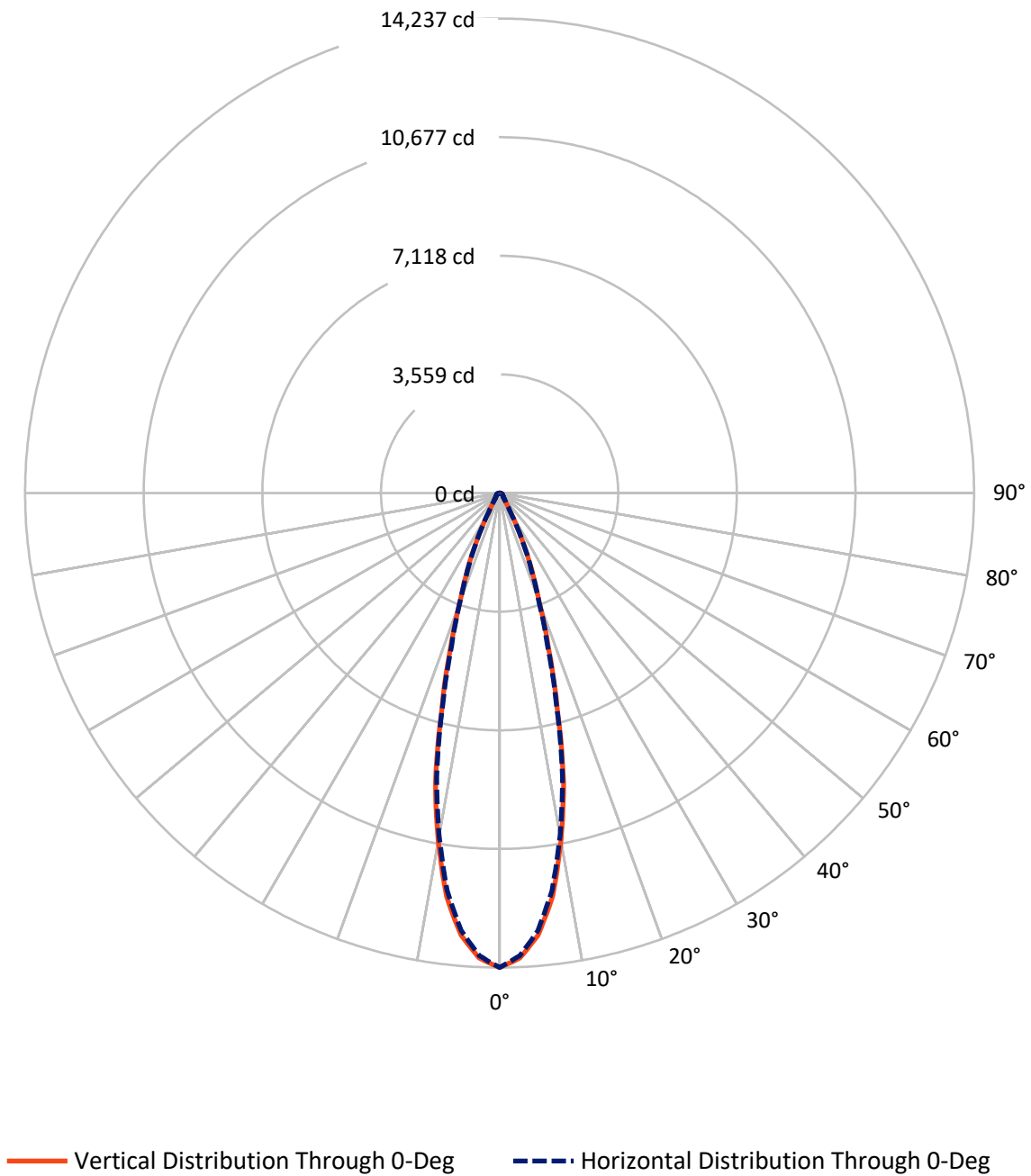
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### Lumen Table

90	0.1	0.7	1.9	3.1	3.4	3.1	1.9	0.7	0.1										
80	0.1	0.7	1.9	3.1	3.4	3.1	1.9	0.7	0.1										
70	0.3	0.4	0.8	1.3	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.3	0.8	0.4	0.3			
60		0.6	1.1	1.9	2.5	3.1	3.4	3.6	3.6	3.4	3.1	2.5	1.9	1.1	0.6				
50	0.6	0.7	1.5	2.3	3.0	3.9	4.5	4.9	4.9	4.5	3.9	3.0	2.3	1.5	0.7	0.6			
40		0.9	1.7	2.6	3.7	5.3	7.7	10.0	10.0	7.7	5.3	3.7	2.6	1.7	0.9				
30	0.8	1.0	1.9	3.0	4.8	10.4	29.3	51.9	51.9	29.3	10.4	4.8	3.0	1.9	1.0	0.8			
20		1.0	2.0	3.2	6.5	27.3	97.3	186.4	186.4	97.3	27.3	6.5	3.2	2.0	1.0				
10	0.8	1.1	2.0	3.4	8.3	47.1	180.1	354.2	354.2	180.1	47.1	8.3	3.4	2.0	1.1	0.8			
0		1.1	2.0	3.4	8.3	47.1	180.1	354.2	354.2	180.1	47.1	8.3	3.4	2.0	1.1				
-10	0.8	1.0	2.0	3.2	6.5	27.3	97.3	186.4	186.4	97.3	27.3	6.5	3.2	2.0	1.0	0.8			
-20		1.0	1.9	3.0	4.8	10.4	29.3	51.9	51.9	29.3	10.4	4.8	3.0	1.9	1.0				
-30	0.6	0.9	1.7	2.6	3.7	5.3	7.7	10.0	10.0	7.7	5.3	3.7	2.6	1.7	0.9	0.6			
-40		0.7	1.5	2.3	3.0	3.9	4.5	4.9	4.9	4.5	3.9	3.0	2.3	1.5	0.7				
-50	0.3	0.6	1.1	1.9	2.5	3.1	3.4	3.6	3.6	3.4	3.1	2.5	1.9	1.1	0.6	0.3			
-60		0.4	0.8	1.3	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.3	0.8	0.4				
-70	0.1	0.7	1.9	3.1	3.4	3.1	1.9	0.7	0.1							0.1			
-80		0.1	0.7	1.9	3.1	3.4	3.1	1.9	0.7	0.1									
-90	0.1	0.7	1.9	3.1	3.4	3.1	1.9	0.7	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

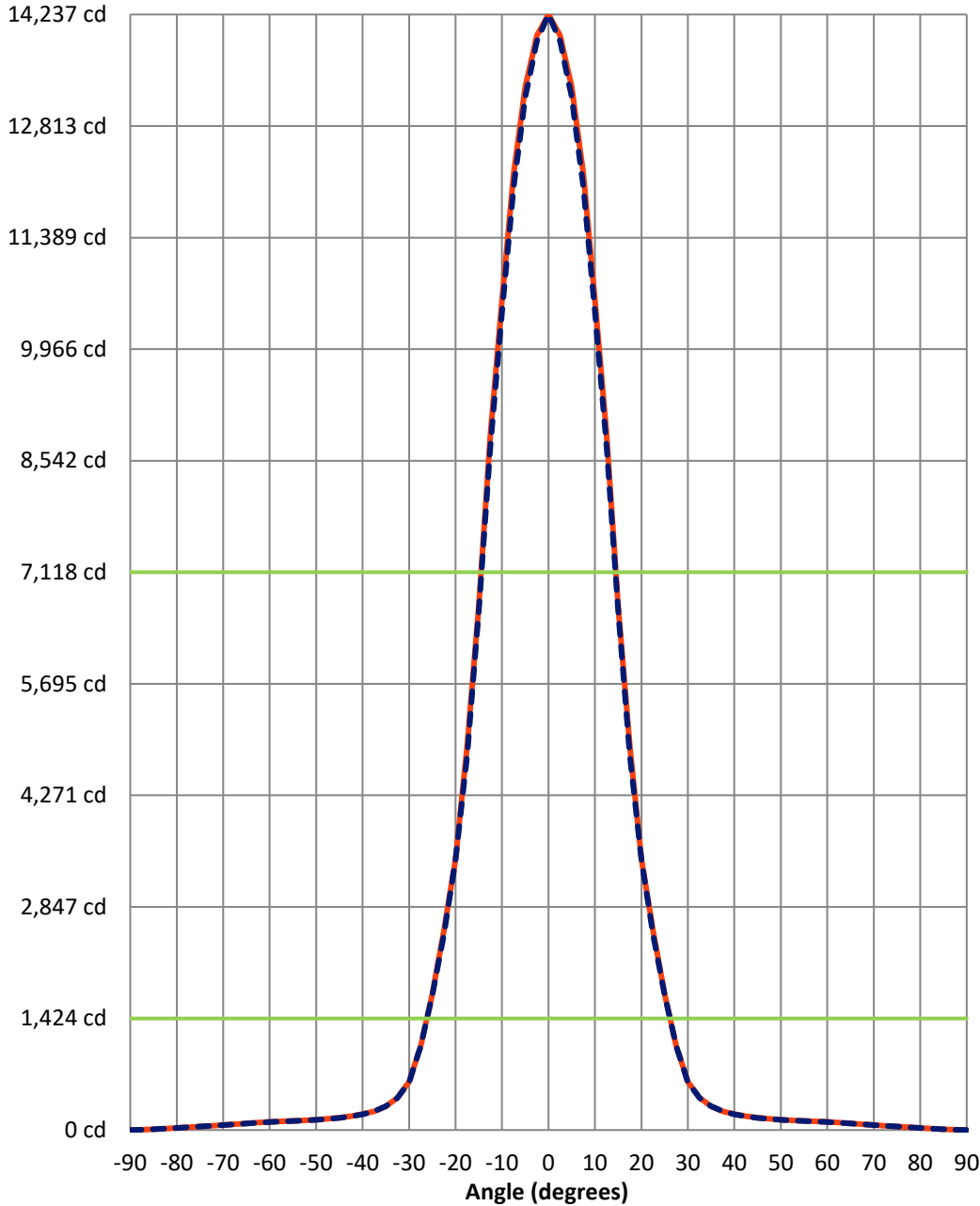
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 2162.6  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 3649.5  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 798.5  
 Efficiency: 18.0%

— 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	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.9	4.7	5.6
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.0	6.2	7.4	8.7
77.5°	0.0	0.8	1.6	2.4	3.2	4.2	5.5	6.9	8.5	10.0	11.8
75°	0.0	1.0	1.9	2.9	3.9	5.5	7.1	8.9	10.8	13.0	15.1
72.5°	0.0	1.1	2.2	3.3	5.0	6.9	8.7	10.9	13.4	16.0	18.5
70°	0.0	1.3	2.5	3.9	6.0	8.2	10.4	13.2	16.1	18.9	22.0
67.5°	0.0	1.4	2.8	4.6	7.1	9.5	12.3	15.5	18.7	22.2	25.6
65°	0.0	1.6	3.1	5.4	8.1	10.9	14.3	17.7	21.5	25.4	29.3
62.5°	0.0	1.7	3.4	6.1	9.1	12.5	16.2	20.1	24.3	28.6	33.0
60°	0.0	1.8	3.7	6.9	10.1	14.1	18.1	22.5	27.1	31.8	36.7
57.5°	0.0	2.0	4.2	7.6	11.3	15.6	20.1	24.8	29.8	34.9	40.3
55°	0.0	2.1	4.6	8.3	12.4	17.1	22.0	27.1	32.5	38.0	43.8
52.5°	0.0	2.3	5.1	9.0	13.6	18.5	23.8	29.3	35.0	41.1	47.2
50°	0.0	2.4	5.5	9.6	14.7	20.0	25.6	31.5	37.5	44.0	50.4
47.5°	0.0	2.5	5.9	10.3	15.8	21.4	27.3	33.5	40.0	46.9	53.4
45°	0.0	2.6	6.3	11.1	16.8	22.8	29.0	35.5	42.5	49.4	56.2
42.5°	0.0	2.7	6.7	11.8	17.8	24.0	30.6	37.5	44.8	51.8	58.8
40°	0.0	2.8	7.1	12.5	18.8	25.2	32.2	39.4	47.0	54.0	61.3
37.5°	0.0	2.9	7.5	13.2	19.7	26.4	33.6	41.2	48.9	56.2	63.6
35°	0.0	3.0	7.8	13.8	20.5	27.5	35.0	42.9	50.6	58.2	65.8
32.5°	0.0	3.1	8.1	14.3	21.3	28.6	36.3	44.4	52.3	60.2	67.9
30°	0.0	3.2	8.4	14.9	22.1	29.5	37.6	45.9	53.9	61.9	69.9
27.5°	0.0	3.3	8.7	15.3	22.7	30.5	38.7	47.1	55.3	63.6	71.7
25°	0.0	3.4	8.9	15.7	23.3	31.3	39.7	48.2	56.6	65.1	73.4
22.5°	0.0	3.4	9.1	16.1	23.9	32.1	40.6	49.3	57.8	66.4	75.1
20°	0.0	3.5	9.3	16.5	24.4	32.7	41.4	50.2	58.9	67.6	76.5
17.5°	0.0	3.5	9.5	16.7	24.9	33.3	42.2	50.9	59.8	68.6	77.8
15°	0.0	3.6	9.7	17.0	25.3	33.8	42.8	51.7	60.6	69.5	78.9
12.5°	0.0	3.6	9.8	17.2	25.7	34.1	43.4	52.3	61.3	70.2	79.8
10°	0.0	3.6	9.9	17.3	26.0	34.4	43.9	52.9	61.9	71.0	80.7
7.5°	0.0	3.7	10.0	17.4	26.2	34.6	44.3	53.3	62.4	71.8	81.6
5°	0.0	3.7	10.1	17.4	26.4	34.7	44.6	53.6	62.8	72.4	82.3
2.5°	0.0	3.7	10.1	17.4	26.5	34.8	44.7	53.8	63.0	72.8	82.9
0°	0.0	3.7	10.1	17.4	26.5	34.8	44.7	53.8	63.0	72.8	82.9
-2.5°	0.0	3.7	10.1	17.4	26.5	34.8	44.7	53.8	63.0	72.8	82.9
-5°	0.0	3.7	10.1	17.4	26.4	34.7	44.6	53.6	62.8	72.4	82.3
-7.5°	0.0	3.7	10.0	17.4	26.2	34.6	44.3	53.3	62.4	71.8	81.6
-10°	0.0	3.6	9.9	17.3	26.0	34.4	43.9	52.9	61.9	71.0	80.7
-12.5°	0.0	3.6	9.8	17.2	25.7	34.1	43.4	52.3	61.3	70.2	79.8
-15°	0.0	3.6	9.7	17.0	25.3	33.8	42.8	51.7	60.6	69.5	78.9
-17.5°	0.0	3.5	9.5	16.7	24.9	33.3	42.2	50.9	59.8	68.6	77.8
-20°	0.0	3.5	9.3	16.5	24.4	32.7	41.4	50.2	58.9	67.6	76.5

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.4	9.1	16.1	23.9	32.1	40.6	49.3	57.8	66.4	75.1
-25°	0.0	3.4	8.9	15.7	23.3	31.3	39.7	48.2	56.6	65.1	73.4
-27.5°	0.0	3.3	8.7	15.3	22.7	30.5	38.7	47.1	55.3	63.6	71.7
-30°	0.0	3.2	8.4	14.9	22.1	29.5	37.6	45.9	53.9	61.9	69.9
-32.5°	0.0	3.1	8.1	14.3	21.3	28.6	36.3	44.4	52.3	60.2	67.9
-35°	0.0	3.0	7.8	13.8	20.5	27.5	35.0	42.9	50.6	58.2	65.8
-37.5°	0.0	2.9	7.5	13.2	19.7	26.4	33.6	41.2	48.9	56.2	63.6
-40°	0.0	2.8	7.1	12.5	18.8	25.2	32.2	39.4	47.0	54.0	61.3
-42.5°	0.0	2.7	6.7	11.8	17.8	24.0	30.6	37.5	44.8	51.8	58.8
-45°	0.0	2.6	6.3	11.1	16.8	22.8	29.0	35.5	42.5	49.4	56.2
-47.5°	0.0	2.5	5.9	10.3	15.8	21.4	27.3	33.5	40.0	46.9	53.4
-50°	0.0	2.4	5.5	9.6	14.7	20.0	25.6	31.5	37.5	44.0	50.4
-52.5°	0.0	2.3	5.1	9.0	13.6	18.5	23.8	29.3	35.0	41.1	47.2
-55°	0.0	2.1	4.6	8.3	12.4	17.1	22.0	27.1	32.5	38.0	43.8
-57.5°	0.0	2.0	4.2	7.6	11.3	15.6	20.1	24.8	29.8	34.9	40.3
-60°	0.0	1.8	3.7	6.9	10.1	14.1	18.1	22.5	27.1	31.8	36.7
-62.5°	0.0	1.7	3.4	6.1	9.1	12.5	16.2	20.1	24.3	28.6	33.0
-65°	0.0	1.6	3.1	5.4	8.1	10.9	14.3	17.7	21.5	25.4	29.3
-67.5°	0.0	1.4	2.8	4.6	7.1	9.5	12.3	15.5	18.7	22.2	25.6
-70°	0.0	1.3	2.5	3.9	6.0	8.2	10.4	13.2	16.1	18.9	22.0
-72.5°	0.0	1.1	2.2	3.3	5.0	6.9	8.7	10.9	13.4	16.0	18.5
-75°	0.0	1.0	1.9	2.9	3.9	5.5	7.1	8.9	10.8	13.0	15.1
-77.5°	0.0	0.8	1.6	2.4	3.2	4.2	5.5	6.9	8.5	10.0	11.8
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	5.0	6.2	7.4	8.7
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.9	4.7	5.6
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	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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**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°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
85°	3.4	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.6	8.0
82.5°	6.5	7.3	8.1	8.9	9.7	10.5	11.2	11.9	12.5	13.2	13.8
80°	9.8	10.9	12.1	13.1	14.1	15.1	16.1	17.0	17.9	18.8	19.8
77.5°	13.4	14.8	16.1	17.3	18.6	20.1	21.6	23.0	24.4	25.7	27.0
75°	17.0	18.6	20.4	22.2	24.0	25.9	27.7	29.4	31.1	32.9	34.6
72.5°	20.8	23.0	25.2	27.3	29.6	31.9	34.0	35.9	38.0	40.4	42.5
70°	24.9	27.4	30.1	32.9	35.5	38.0	40.6	43.2	45.8	48.3	50.8
67.5°	29.0	32.2	35.3	38.4	41.4	44.4	47.4	50.6	53.6	56.5	59.3
65°	33.3	36.9	40.4	43.8	47.1	50.9	54.5	58.0	61.8	65.4	68.5
62.5°	37.6	41.6	45.5	49.3	53.4	57.5	61.7	66.1	70.6	73.9	76.7
60°	41.7	46.2	50.5	54.9	59.4	64.1	68.9	73.6	77.7	81.3	84.3
57.5°	45.6	50.7	55.5	60.3	65.3	70.5	75.8	80.6	84.5	87.9	91.2
55°	49.5	55.1	60.2	65.3	70.9	77.1	82.5	86.8	90.8	93.7	96.8
52.5°	53.2	59.2	64.5	70.3	76.6	83.0	88.4	92.7	96.0	99.0	102.0
50°	56.7	62.7	68.6	75.2	81.9	88.3	93.8	97.7	101.0	104.1	107.0
47.5°	59.9	66.1	72.8	79.8	86.8	93.2	98.4	102.4	105.8	109.0	112.2
45°	62.9	69.6	76.7	84.3	91.6	97.8	102.6	106.9	110.2	113.8	117.8
42.5°	65.7	73.0	80.7	88.8	96.2	101.9	106.5	110.6	114.4	118.7	123.2
40°	68.5	76.1	84.4	92.9	100.5	105.4	110.1	114.4	118.8	123.7	128.7
37.5°	71.2	79.3	87.9	96.8	103.6	108.8	113.6	118.4	123.4	128.7	134.7
35°	73.6	82.2	91.3	99.9	106.4	112.0	117.2	122.4	128.0	134.4	141.1
32.5°	75.9	84.9	94.4	102.5	109.0	115.0	120.6	126.6	133.0	140.0	147.7
30°	78.3	87.5	97.1	105.1	111.2	117.4	124.0	130.6	137.7	145.5	154.6
27.5°	80.5	89.9	99.4	107.2	113.2	119.5	126.6	134.6	142.4	150.9	161.4
25°	82.6	92.4	101.6	108.8	114.9	121.5	129.0	137.4	146.6	156.7	169.6
22.5°	84.5	94.6	103.8	110.2	116.4	123.2	131.3	140.2	150.2	161.9	177.6
20°	86.3	96.3	105.2	111.5	117.5	124.7	133.3	142.7	154.0	168.3	187.1
17.5°	87.9	97.8	106.2	112.6	118.8	126.1	135.0	144.8	157.5	174.0	196.2
15°	89.2	99.0	107.0	113.4	119.8	127.6	136.7	147.4	161.4	179.5	204.0
12.5°	90.4	100.0	107.8	113.9	120.7	128.7	138.2	150.0	165.2	185.5	214.6
10°	91.2	100.7	108.3	114.3	121.2	129.4	139.4	152.0	168.3	190.6	223.7
7.5°	92.1	101.3	108.7	114.4	121.6	129.8	140.2	153.4	170.6	194.3	230.9
5°	92.7	101.8	108.9	114.8	121.8	130.0	140.7	154.2	172.0	196.8	235.9
2.5°	93.1	102.2	108.9	115.0	121.8	130.0	141.4	154.6	173.6	198.9	238.8
0°	93.2	102.3	108.7	115.1	121.5	129.8	141.6	154.4	174.5	200.1	239.4
-2.5°	93.1	102.2	108.9	115.0	121.8	130.0	141.4	154.6	173.6	198.9	238.8
-5°	92.7	101.8	108.9	114.8	121.8	130.0	140.7	154.2	172.0	196.8	235.9
-7.5°	92.1	101.3	108.7	114.4	121.6	129.8	140.2	153.4	170.6	194.3	230.9
-10°	91.2	100.7	108.3	114.3	121.2	129.4	139.4	152.0	168.3	190.6	223.7
-12.5°	90.4	100.0	107.8	113.9	120.7	128.7	138.2	150.0	165.2	185.5	214.6
-15°	89.2	99.0	107.0	113.4	119.8	127.6	136.7	147.4	161.4	179.5	204.0
-17.5°	87.9	97.8	106.2	112.6	118.8	126.1	135.0	144.8	157.5	174.0	196.2
-20°	86.3	96.3	105.2	111.5	117.5	124.7	133.3	142.7	154.0	168.3	187.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	84.5	94.6	103.8	110.2	116.4	123.2	131.3	140.2	150.2	161.9	177.6
-25°	82.6	92.4	101.6	108.8	114.9	121.5	129.0	137.4	146.6	156.7	169.6
-27.5°	80.5	89.9	99.4	107.2	113.2	119.5	126.6	134.6	142.4	150.9	161.4
-30°	78.3	87.5	97.1	105.1	111.2	117.4	124.0	130.6	137.7	145.5	154.6
-32.5°	75.9	84.9	94.4	102.5	109.0	115.0	120.6	126.6	133.0	140.0	147.7
-35°	73.6	82.2	91.3	99.9	106.4	112.0	117.2	122.4	128.0	134.4	141.1
-37.5°	71.2	79.3	87.9	96.8	103.6	108.8	113.6	118.4	123.4	128.7	134.7
-40°	68.5	76.1	84.4	92.9	100.5	105.4	110.1	114.4	118.8	123.7	128.7
-42.5°	65.7	73.0	80.7	88.8	96.2	101.9	106.5	110.6	114.4	118.7	123.2
-45°	62.9	69.6	76.7	84.3	91.6	97.8	102.6	106.9	110.2	113.8	117.8
-47.5°	59.9	66.1	72.8	79.8	86.8	93.2	98.4	102.4	105.8	109.0	112.2
-50°	56.7	62.7	68.6	75.2	81.9	88.3	93.8	97.7	101.0	104.1	107.0
-52.5°	53.2	59.2	64.5	70.3	76.6	83.0	88.4	92.7	96.0	99.0	102.0
-55°	49.5	55.1	60.2	65.3	70.9	77.1	82.5	86.8	90.8	93.7	96.8
-57.5°	45.6	50.7	55.5	60.3	65.3	70.5	75.8	80.6	84.5	87.9	91.2
-60°	41.7	46.2	50.5	54.9	59.4	64.1	68.9	73.6	77.7	81.3	84.3
-62.5°	37.6	41.6	45.5	49.3	53.4	57.5	61.7	66.1	70.6	73.9	76.7
-65°	33.3	36.9	40.4	43.8	47.1	50.9	54.5	58.0	61.8	65.4	68.5
-67.5°	29.0	32.2	35.3	38.4	41.4	44.4	47.4	50.6	53.6	56.5	59.3
-70°	24.9	27.4	30.1	32.9	35.5	38.0	40.6	43.2	45.8	48.3	50.8
-72.5°	20.8	23.0	25.2	27.3	29.6	31.9	34.0	35.9	38.0	40.4	42.5
-75°	17.0	18.6	20.4	22.2	24.0	25.9	27.7	29.4	31.1	32.9	34.6
-77.5°	13.4	14.8	16.1	17.3	18.6	20.1	21.6	23.0	24.4	25.7	27.0
-80°	9.8	10.9	12.1	13.1	14.1	15.1	16.1	17.0	17.9	18.8	19.8
-82.5°	6.5	7.3	8.1	8.9	9.7	10.5	11.2	11.9	12.5	13.2	13.8
-85°	3.4	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.6	8.0
-87.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-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°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6
85°	8.4	8.7	9.0	9.3	9.6	9.7	9.7	9.7	9.7	9.8	9.9
82.5°	14.3	15.0	15.6	16.2	16.9	17.1	17.3	17.4	17.5	17.7	17.9
80°	20.8	21.8	22.7	23.5	24.3	24.8	25.3	25.7	26.2	26.3	26.4
77.5°	28.3	29.5	30.6	31.7	32.7	33.5	34.1	34.6	35.0	35.3	35.4
75°	36.4	37.9	39.3	40.6	41.8	42.6	43.2	43.6	43.9	44.2	44.4
72.5°	44.5	46.3	47.9	49.5	50.8	51.8	52.4	53.0	53.4	53.7	53.8
70°	53.1	55.2	57.0	58.6	59.8	60.7	61.4	62.0	62.5	62.8	62.9
67.5°	62.0	64.3	66.0	67.3	68.4	69.4	70.3	70.9	71.4	71.8	72.3
65°	71.1	73.4	75.1	76.5	77.7	78.9	80.1	80.9	81.5	82.0	82.6
62.5°	79.5	82.1	84.2	86.1	87.9	89.7	90.8	91.6	92.2	92.7	93.3
60°	87.3	90.3	92.7	95.0	97.3	99.6	100.6	101.4	102.1	102.8	103.4
57.5°	94.2	97.3	100.3	102.5	104.7	106.9	108.4	109.3	109.8	110.1	110.4
55°	100.1	103.3	106.2	108.8	111.2	113.5	115.2	116.0	116.6	117.0	117.2
52.5°	105.5	108.8	112.0	114.9	117.5	120.0	122.1	123.2	124.1	124.7	124.9
50°	110.7	114.4	117.8	120.9	124.0	126.9	129.5	131.1	132.1	132.8	133.0
47.5°	116.2	120.1	123.9	127.5	131.0	134.4	137.5	139.6	141.2	142.4	143.2
45°	121.9	126.2	130.4	134.6	138.5	142.9	147.0	150.0	152.3	154.2	155.8
42.5°	127.7	132.5	137.2	142.7	148.1	153.1	157.9	162.0	165.7	169.3	172.1
40°	134.0	139.2	145.7	152.1	158.8	164.7	171.6	177.9	183.6	189.7	194.8
37.5°	140.8	147.5	155.2	162.9	171.6	180.1	189.8	199.3	207.6	218.4	227.1
35°	148.3	156.8	165.8	176.2	187.4	200.6	214.2	230.1	243.6	260.8	276.6
32.5°	156.6	166.6	178.4	192.6	207.7	228.9	248.8	275.8	298.9	328.7	361.2
30°	165.0	177.9	194.0	212.4	237.9	268.0	303.1	348.8	398.1	449.2	518.0
27.5°	175.0	191.8	211.8	240.2	278.4	320.1	391.6	468.8	576.4	661.5	813.1
25°	185.8	206.5	236.2	277.3	330.1	414.4	535.1	674.9	890.1	1081.5	1301.5
22.5°	198.5	226.7	265.9	319.8	411.9	557.0	745.4	1032.3	1351.4	1666.2	1954.0
20°	212.0	246.1	300.9	388.7	531.0	740.8	1076.9	1487.0	1910.5	2342.0	2705.7
17.5°	227.8	274.0	346.2	462.9	665.9	1025.1	1474.0	1995.4	2548.8	3099.4	3577.7
15°	241.4	298.5	395.7	570.4	873.2	1322.4	1874.2	2532.7	3228.6	3943.2	4717.6
12.5°	258.7	327.9	446.6	659.3	1057.0	1641.0	2316.1	3080.7	3930.4	4879.2	6086.7
10°	274.6	358.8	513.7	801.8	1278.1	1938.5	2697.8	3565.3	4667.4	6093.3	7549.8
7.5°	287.3	383.3	565.7	912.9	1463.5	2192.7	3041.5	4081.6	5456.6	7154.5	8818.6
5°	296.1	400.3	602.9	996.9	1612.6	2387.0	3285.4	4462.2	6121.8	8023.1	9722.3
2.5°	301.7	409.6	621.2	1046.7	1709.9	2503.9	3437.6	4704.0	6529.5	8576.0	10296.4
0°	304.3	411.2	609.5	1071.0	1723.5	2495.7	3451.5	4784.8	6626.2	8726.2	10439.6
-2.5°	301.7	409.6	621.2	1046.7	1709.9	2503.9	3437.6	4704.0	6529.5	8576.0	10296.4
-5°	296.1	400.3	602.9	996.9	1612.6	2387.0	3285.4	4462.2	6121.8	8023.1	9722.3
-7.5°	287.3	383.3	565.7	912.9	1463.5	2192.7	3041.5	4081.6	5456.6	7154.5	8818.6
-10°	274.6	358.8	513.7	801.8	1278.1	1938.5	2697.8	3565.3	4667.4	6093.3	7549.8
-12.5°	258.7	327.9	446.6	659.3	1057.0	1641.0	2316.1	3080.7	3930.4	4879.2	6086.7
-15°	241.4	298.5	395.7	570.4	873.2	1322.4	1874.2	2532.7	3228.6	3943.2	4717.6
-17.5°	227.8	274.0	346.2	462.9	665.9	1025.1	1474.0	1995.4	2548.8	3099.4	3577.7
-20°	212.0	246.1	300.9	388.7	531.0	740.8	1076.9	1487.0	1910.5	2342.0	2705.7

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	198.5	226.7	265.9	319.8	411.9	557.0	745.4	1032.3	1351.4	1666.2	1954.0
-25°	185.8	206.5	236.2	277.3	330.1	414.4	535.1	674.9	890.1	1081.5	1301.5
-27.5°	175.0	191.8	211.8	240.2	278.4	320.1	391.6	468.8	576.4	661.5	813.1
-30°	165.0	177.9	194.0	212.4	237.9	268.0	303.1	348.8	398.1	449.2	518.0
-32.5°	156.6	166.6	178.4	192.6	207.7	228.9	248.8	275.8	298.9	328.7	361.2
-35°	148.3	156.8	165.8	176.2	187.4	200.6	214.2	230.1	243.6	260.8	276.6
-37.5°	140.8	147.5	155.2	162.9	171.6	180.1	189.8	199.3	207.6	218.4	227.1
-40°	134.0	139.2	145.7	152.1	158.8	164.7	171.6	177.9	183.6	189.7	194.8
-42.5°	127.7	132.5	137.2	142.7	148.1	153.1	157.9	162.0	165.7	169.3	172.1
-45°	121.9	126.2	130.4	134.6	138.5	142.9	147.0	150.0	152.3	154.2	155.8
-47.5°	116.2	120.1	123.9	127.5	131.0	134.4	137.5	139.6	141.2	142.4	143.2
-50°	110.7	114.4	117.8	120.9	124.0	126.9	129.5	131.1	132.1	132.8	133.0
-52.5°	105.5	108.8	112.0	114.9	117.5	120.0	122.1	123.2	124.1	124.7	124.9
-55°	100.1	103.3	106.2	108.8	111.2	113.5	115.2	116.0	116.6	117.0	117.2
-57.5°	94.2	97.3	100.3	102.5	104.7	106.9	108.4	109.3	109.8	110.1	110.4
-60°	87.3	90.3	92.7	95.0	97.3	99.6	100.6	101.4	102.1	102.8	103.4
-62.5°	79.5	82.1	84.2	86.1	87.9	89.7	90.8	91.6	92.2	92.7	93.3
-65°	71.1	73.4	75.1	76.5	77.7	78.9	80.1	80.9	81.5	82.0	82.6
-67.5°	62.0	64.3	66.0	67.3	68.4	69.4	70.3	70.9	71.4	71.8	72.3
-70°	53.1	55.2	57.0	58.6	59.8	60.7	61.4	62.0	62.5	62.8	62.9
-72.5°	44.5	46.3	47.9	49.5	50.8	51.8	52.4	53.0	53.4	53.7	53.8
-75°	36.4	37.9	39.3	40.6	41.8	42.6	43.2	43.6	43.9	44.2	44.4
-77.5°	28.3	29.5	30.6	31.7	32.7	33.5	34.1	34.6	35.0	35.3	35.4
-80°	20.8	21.8	22.7	23.5	24.3	24.8	25.3	25.7	26.2	26.3	26.4
-82.5°	14.3	15.0	15.6	16.2	16.9	17.1	17.3	17.4	17.5	17.7	17.9
-85°	8.4	8.7	9.0	9.3	9.6	9.7	9.7	9.7	9.7	9.8	9.9
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6
-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: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-722-U-MR-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
85°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.7	9.7
82.5°	18.1	18.2	18.3	18.3	18.3	18.2	18.1	17.9	17.7	17.5	17.4
80°	26.4	26.4	26.5	26.5	26.5	26.4	26.4	26.4	26.3	26.2	25.7
77.5°	35.5	35.4	35.6	35.6	35.6	35.4	35.5	35.4	35.3	35.0	34.6
75°	44.6	44.6	44.7	44.8	44.7	44.6	44.6	44.4	44.2	43.9	43.6
72.5°	53.8	53.7	53.8	53.9	53.8	53.7	53.8	53.8	53.7	53.4	53.0
70°	63.0	62.9	63.4	64.0	63.4	62.9	63.0	62.9	62.8	62.5	62.0
67.5°	72.6	72.8	73.4	74.0	73.4	72.8	72.6	72.3	71.8	71.4	70.9
65°	82.8	82.9	83.5	84.1	83.5	82.9	82.8	82.6	82.0	81.5	80.9
62.5°	93.6	93.7	94.4	95.0	94.4	93.7	93.6	93.3	92.7	92.2	91.6
60°	103.7	103.8	104.1	104.2	104.1	103.8	103.7	103.4	102.8	102.1	101.4
57.5°	110.5	110.4	110.5	110.6	110.5	110.4	110.5	110.4	110.1	109.8	109.3
55°	117.2	116.9	116.6	116.1	116.6	116.9	117.2	117.2	117.0	116.6	116.0
52.5°	124.7	124.3	123.8	123.4	123.8	124.3	124.7	124.9	124.7	124.1	123.2
50°	132.9	132.5	132.0	131.6	132.0	132.5	132.9	133.0	132.8	132.1	131.1
47.5°	143.7	143.9	143.9	143.5	143.9	143.9	143.7	143.2	142.4	141.2	139.6
45°	156.9	157.5	157.5	157.2	157.5	157.5	156.9	155.8	154.2	152.3	150.0
42.5°	174.1	175.3	176.0	176.4	176.0	175.3	174.1	172.1	169.3	165.7	162.0
40°	198.5	200.9	202.4	203.8	202.4	200.9	198.5	194.8	189.7	183.6	177.9
37.5°	233.5	237.8	239.7	238.5	239.7	237.8	233.5	227.1	218.4	207.6	199.3
35°	288.8	297.0	301.2	301.6	301.2	297.0	288.8	276.6	260.8	243.6	230.1
32.5°	385.3	401.9	410.9	412.1	410.9	401.9	385.3	361.2	328.7	298.9	275.8
30°	570.7	604.7	620.6	616.8	620.6	604.7	570.7	518.0	449.2	398.1	348.8
27.5°	931.0	1015.8	1066.1	1070.1	1066.1	1015.8	931.0	813.1	661.5	576.4	468.8
25°	1496.3	1641.1	1733.8	1735.4	1733.8	1641.1	1496.3	1301.5	1081.5	890.1	674.9
22.5°	2220.1	2417.8	2526.1	2545.0	2526.1	2417.8	2220.1	1954.0	1666.2	1351.4	1032.3
20°	3058.7	3321.7	3462.3	3462.5	3462.3	3321.7	3058.7	2705.7	2342.0	1910.5	1487.0
17.5°	4091.5	4518.4	4786.5	4901.8	4786.5	4518.4	4091.5	3577.7	3099.4	2548.8	1995.4
15°	5463.5	6180.9	6610.8	6688.3	6610.8	6180.9	5463.5	4717.6	3943.2	3228.6	2532.7
12.5°	7134.0	8042.0	8652.4	8876.0	8652.4	8042.0	7134.0	6086.7	4879.2	3930.4	3080.7
10°	8878.3	9719.5	10373.4	10593.1	10373.4	9719.5	8878.3	7549.8	6093.3	4667.4	3565.3
7.5°	10138.3	11141.5	11878.0	12201.5	11878.0	11141.5	10138.3	8818.6	7154.5	5456.6	4081.6
5°	11133.0	12320.1	13005.6	13310.0	13005.6	12320.1	11133.0	9722.3	8023.1	6121.8	4462.2
2.5°	11785.6	12958.6	13684.6	13965.2	13684.6	12958.6	11785.6	10296.4	8576.0	6529.5	4704.0
0°	12029.7	13176.5	13893.9	14236.6	13893.9	13176.5	12029.7	10439.6	8726.2	6626.2	4784.8
-2.5°	11785.6	12958.6	13684.6	13965.2	13684.6	12958.6	11785.6	10296.4	8576.0	6529.5	4704.0
-5°	11133.0	12320.1	13005.6	13310.0	13005.6	12320.1	11133.0	9722.3	8023.1	6121.8	4462.2
-7.5°	10138.3	11141.5	11878.0	12201.5	11878.0	11141.5	10138.3	8818.6	7154.5	5456.6	4081.6
-10°	8878.3	9719.5	10373.4	10593.1	10373.4	9719.5	8878.3	7549.8	6093.3	4667.4	3565.3
-12.5°	7134.0	8042.0	8652.4	8876.0	8652.4	8042.0	7134.0	6086.7	4879.2	3930.4	3080.7
-15°	5463.5	6180.9	6610.8	6688.3	6610.8	6180.9	5463.5	4717.6	3943.2	3228.6	2532.7
-17.5°	4091.5	4518.4	4786.5	4901.8	4786.5	4518.4	4091.5	3577.7	3099.4	2548.8	1995.4
-20°	3058.7	3321.7	3462.3	3462.5	3462.3	3321.7	3058.7	2705.7	2342.0	1910.5	1487.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2220.1	2417.8	2526.1	2545.0	2526.1	2417.8	2220.1	1954.0	1666.2	1351.4	1032.3
-25°	1496.3	1641.1	1733.8	1735.4	1733.8	1641.1	1496.3	1301.5	1081.5	890.1	674.9
-27.5°	931.0	1015.8	1066.1	1070.1	1066.1	1015.8	931.0	813.1	661.5	576.4	468.8
-30°	570.7	604.7	620.6	616.8	620.6	604.7	570.7	518.0	449.2	398.1	348.8
-32.5°	385.3	401.9	410.9	412.1	410.9	401.9	385.3	361.2	328.7	298.9	275.8
-35°	288.8	297.0	301.2	301.6	301.2	297.0	288.8	276.6	260.8	243.6	230.1
-37.5°	233.5	237.8	239.7	238.5	239.7	237.8	233.5	227.1	218.4	207.6	199.3
-40°	198.5	200.9	202.4	203.8	202.4	200.9	198.5	194.8	189.7	183.6	177.9
-42.5°	174.1	175.3	176.0	176.4	176.0	175.3	174.1	172.1	169.3	165.7	162.0
-45°	156.9	157.5	157.5	157.2	157.5	157.5	156.9	155.8	154.2	152.3	150.0
-47.5°	143.7	143.9	143.9	143.5	143.9	143.9	143.7	143.2	142.4	141.2	139.6
-50°	132.9	132.5	132.0	131.6	132.0	132.5	132.9	133.0	132.8	132.1	131.1
-52.5°	124.7	124.3	123.8	123.4	123.8	124.3	124.7	124.9	124.7	124.1	123.2
-55°	117.2	116.9	116.6	116.1	116.6	116.9	117.2	117.2	117.0	116.6	116.0
-57.5°	110.5	110.4	110.5	110.6	110.5	110.4	110.5	110.4	110.1	109.8	109.3
-60°	103.7	103.8	104.1	104.2	104.1	103.8	103.7	103.4	102.8	102.1	101.4
-62.5°	93.6	93.7	94.4	95.0	94.4	93.7	93.6	93.3	92.7	92.2	91.6
-65°	82.8	82.9	83.5	84.1	83.5	82.9	82.8	82.6	82.0	81.5	80.9
-67.5°	72.6	72.8	73.4	74.0	73.4	72.8	72.6	72.3	71.8	71.4	70.9
-70°	63.0	62.9	63.4	64.0	63.4	62.9	63.0	62.9	62.8	62.5	62.0
-72.5°	53.8	53.7	53.8	53.9	53.8	53.7	53.8	53.8	53.7	53.4	53.0
-75°	44.6	44.6	44.7	44.8	44.7	44.6	44.6	44.4	44.2	43.9	43.6
-77.5°	35.5	35.4	35.6	35.6	35.6	35.4	35.5	35.4	35.3	35.0	34.6
-80°	26.4	26.4	26.5	26.5	26.5	26.4	26.4	26.4	26.3	26.2	25.7
-82.5°	18.1	18.2	18.3	18.3	18.3	18.2	18.1	17.9	17.7	17.5	17.4
-85°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.7	9.7
-87.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-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: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-722-U-MR-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°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	9.7	9.7	9.6	9.3	9.0	8.7	8.4	8.0	7.6	7.2	6.7
82.5°	17.3	17.1	16.9	16.2	15.6	15.0	14.3	13.8	13.2	12.5	11.9
80°	25.3	24.8	24.3	23.5	22.7	21.8	20.8	19.8	18.8	17.9	17.0
77.5°	34.1	33.5	32.7	31.7	30.6	29.5	28.3	27.0	25.7	24.4	23.0
75°	43.2	42.6	41.8	40.6	39.3	37.9	36.4	34.6	32.9	31.1	29.4
72.5°	52.4	51.8	50.8	49.5	47.9	46.3	44.5	42.5	40.4	38.0	35.9
70°	61.4	60.7	59.8	58.6	57.0	55.2	53.1	50.8	48.3	45.8	43.2
67.5°	70.3	69.4	68.4	67.3	66.0	64.3	62.0	59.3	56.5	53.6	50.6
65°	80.1	78.9	77.7	76.5	75.1	73.4	71.1	68.5	65.4	61.8	58.0
62.5°	90.8	89.7	87.9	86.1	84.2	82.1	79.5	76.7	73.9	70.6	66.1
60°	100.6	99.6	97.3	95.0	92.7	90.3	87.3	84.3	81.3	77.7	73.6
57.5°	108.4	106.9	104.7	102.5	100.3	97.3	94.2	91.2	87.9	84.5	80.6
55°	115.2	113.5	111.2	108.8	106.2	103.3	100.1	96.8	93.7	90.8	86.8
52.5°	122.1	120.0	117.5	114.9	112.0	108.8	105.5	102.0	99.0	96.0	92.7
50°	129.5	126.9	124.0	120.9	117.8	114.4	110.7	107.0	104.1	101.0	97.7
47.5°	137.5	134.4	131.0	127.5	123.9	120.1	116.2	112.2	109.0	105.8	102.4
45°	147.0	142.9	138.5	134.6	130.4	126.2	121.9	117.8	113.8	110.2	106.9
42.5°	157.9	153.1	148.1	142.7	137.2	132.5	127.7	123.2	118.7	114.4	110.6
40°	171.6	164.7	158.8	152.1	145.7	139.2	134.0	128.7	123.7	118.8	114.4
37.5°	189.8	180.1	171.6	162.9	155.2	147.5	140.8	134.7	128.7	123.4	118.4
35°	214.2	200.6	187.4	176.2	165.8	156.8	148.3	141.1	134.4	128.0	122.4
32.5°	248.8	228.9	207.7	192.6	178.4	166.6	156.6	147.7	140.0	133.0	126.6
30°	303.1	268.0	237.9	212.4	194.0	177.9	165.0	154.6	145.5	137.7	130.6
27.5°	391.6	320.1	278.4	240.2	211.8	191.8	175.0	161.4	150.9	142.4	134.6
25°	535.1	414.4	330.1	277.3	236.2	206.5	185.8	169.6	156.7	146.6	137.4
22.5°	745.4	557.0	411.9	319.8	265.9	226.7	198.5	177.6	161.9	150.2	140.2
20°	1076.9	740.8	531.0	388.7	300.9	246.1	212.0	187.1	168.3	154.0	142.7
17.5°	1474.0	1025.1	665.9	462.9	346.2	274.0	227.8	196.2	174.0	157.5	144.8
15°	1874.2	1322.4	873.2	570.4	395.7	298.5	241.4	204.0	179.5	161.4	147.4
12.5°	2316.1	1641.0	1057.0	659.3	446.6	327.9	258.7	214.6	185.5	165.2	150.0
10°	2697.8	1938.5	1278.1	801.8	513.7	358.8	274.6	223.7	190.6	168.3	152.0
7.5°	3041.5	2192.7	1463.5	912.9	565.7	383.3	287.3	230.9	194.3	170.6	153.4
5°	3285.4	2387.0	1612.6	996.9	602.9	400.3	296.1	235.9	196.8	172.0	154.2
2.5°	3437.6	2503.9	1709.9	1046.7	621.2	409.6	301.7	238.8	198.9	173.6	154.6
0°	3451.5	2495.7	1723.5	1071.0	609.5	411.2	304.3	239.4	200.1	174.5	154.4
-2.5°	3437.6	2503.9	1709.9	1046.7	621.2	409.6	301.7	238.8	198.9	173.6	154.6
-5°	3285.4	2387.0	1612.6	996.9	602.9	400.3	296.1	235.9	196.8	172.0	154.2
-7.5°	3041.5	2192.7	1463.5	912.9	565.7	383.3	287.3	230.9	194.3	170.6	153.4
-10°	2697.8	1938.5	1278.1	801.8	513.7	358.8	274.6	223.7	190.6	168.3	152.0
-12.5°	2316.1	1641.0	1057.0	659.3	446.6	327.9	258.7	214.6	185.5	165.2	150.0
-15°	1874.2	1322.4	873.2	570.4	395.7	298.5	241.4	204.0	179.5	161.4	147.4
-17.5°	1474.0	1025.1	665.9	462.9	346.2	274.0	227.8	196.2	174.0	157.5	144.8
-20°	1076.9	740.8	531.0	388.7	300.9	246.1	212.0	187.1	168.3	154.0	142.7





REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	745.4	557.0	411.9	319.8	265.9	226.7	198.5	177.6	161.9	150.2	140.2
-25°	535.1	414.4	330.1	277.3	236.2	206.5	185.8	169.6	156.7	146.6	137.4
-27.5°	391.6	320.1	278.4	240.2	211.8	191.8	175.0	161.4	150.9	142.4	134.6
-30°	303.1	268.0	237.9	212.4	194.0	177.9	165.0	154.6	145.5	137.7	130.6
-32.5°	248.8	228.9	207.7	192.6	178.4	166.6	156.6	147.7	140.0	133.0	126.6
-35°	214.2	200.6	187.4	176.2	165.8	156.8	148.3	141.1	134.4	128.0	122.4
-37.5°	189.8	180.1	171.6	162.9	155.2	147.5	140.8	134.7	128.7	123.4	118.4
-40°	171.6	164.7	158.8	152.1	145.7	139.2	134.0	128.7	123.7	118.8	114.4
-42.5°	157.9	153.1	148.1	142.7	137.2	132.5	127.7	123.2	118.7	114.4	110.6
-45°	147.0	142.9	138.5	134.6	130.4	126.2	121.9	117.8	113.8	110.2	106.9
-47.5°	137.5	134.4	131.0	127.5	123.9	120.1	116.2	112.2	109.0	105.8	102.4
-50°	129.5	126.9	124.0	120.9	117.8	114.4	110.7	107.0	104.1	101.0	97.7
-52.5°	122.1	120.0	117.5	114.9	112.0	108.8	105.5	102.0	99.0	96.0	92.7
-55°	115.2	113.5	111.2	108.8	106.2	103.3	100.1	96.8	93.7	90.8	86.8
-57.5°	108.4	106.9	104.7	102.5	100.3	97.3	94.2	91.2	87.9	84.5	80.6
-60°	100.6	99.6	97.3	95.0	92.7	90.3	87.3	84.3	81.3	77.7	73.6
-62.5°	90.8	89.7	87.9	86.1	84.2	82.1	79.5	76.7	73.9	70.6	66.1
-65°	80.1	78.9	77.7	76.5	75.1	73.4	71.1	68.5	65.4	61.8	58.0
-67.5°	70.3	69.4	68.4	67.3	66.0	64.3	62.0	59.3	56.5	53.6	50.6
-70°	61.4	60.7	59.8	58.6	57.0	55.2	53.1	50.8	48.3	45.8	43.2
-72.5°	52.4	51.8	50.8	49.5	47.9	46.3	44.5	42.5	40.4	38.0	35.9
-75°	43.2	42.6	41.8	40.6	39.3	37.9	36.4	34.6	32.9	31.1	29.4
-77.5°	34.1	33.5	32.7	31.7	30.6	29.5	28.3	27.0	25.7	24.4	23.0
-80°	25.3	24.8	24.3	23.5	22.7	21.8	20.8	19.8	18.8	17.9	17.0
-82.5°	17.3	17.1	16.9	16.2	15.6	15.0	14.3	13.8	13.2	12.5	11.9
-85°	9.7	9.7	9.6	9.3	9.0	8.7	8.4	8.0	7.6	7.2	6.7
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-722-U-MR-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°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
85°	6.3	5.8	5.3	4.8	4.2	3.7	3.4	3.1	2.8	2.5	2.2
82.5°	11.2	10.5	9.7	8.9	8.1	7.3	6.5	5.6	4.7	3.9	3.3
80°	16.1	15.1	14.1	13.1	12.1	10.9	9.8	8.7	7.4	6.2	5.0
77.5°	21.6	20.1	18.6	17.3	16.1	14.8	13.4	11.8	10.0	8.5	6.9
75°	27.7	25.9	24.0	22.2	20.4	18.6	17.0	15.1	13.0	10.8	8.9
72.5°	34.0	31.9	29.6	27.3	25.2	23.0	20.8	18.5	16.0	13.4	10.9
70°	40.6	38.0	35.5	32.9	30.1	27.4	24.9	22.0	18.9	16.1	13.2
67.5°	47.4	44.4	41.4	38.4	35.3	32.2	29.0	25.6	22.2	18.7	15.5
65°	54.5	50.9	47.1	43.8	40.4	36.9	33.3	29.3	25.4	21.5	17.7
62.5°	61.7	57.5	53.4	49.3	45.5	41.6	37.6	33.0	28.6	24.3	20.1
60°	68.9	64.1	59.4	54.9	50.5	46.2	41.7	36.7	31.8	27.1	22.5
57.5°	75.8	70.5	65.3	60.3	55.5	50.7	45.6	40.3	34.9	29.8	24.8
55°	82.5	77.1	70.9	65.3	60.2	55.1	49.5	43.8	38.0	32.5	27.1
52.5°	88.4	83.0	76.6	70.3	64.5	59.2	53.2	47.2	41.1	35.0	29.3
50°	93.8	88.3	81.9	75.2	68.6	62.7	56.7	50.4	44.0	37.5	31.5
47.5°	98.4	93.2	86.8	79.8	72.8	66.1	59.9	53.4	46.9	40.0	33.5
45°	102.6	97.8	91.6	84.3	76.7	69.6	62.9	56.2	49.4	42.5	35.5
42.5°	106.5	101.9	96.2	88.8	80.7	73.0	65.7	58.8	51.8	44.8	37.5
40°	110.1	105.4	100.5	92.9	84.4	76.1	68.5	61.3	54.0	47.0	39.4
37.5°	113.6	108.8	103.6	96.8	87.9	79.3	71.2	63.6	56.2	48.9	41.2
35°	117.2	112.0	106.4	99.9	91.3	82.2	73.6	65.8	58.2	50.6	42.9
32.5°	120.6	115.0	109.0	102.5	94.4	84.9	75.9	67.9	60.2	52.3	44.4
30°	124.0	117.4	111.2	105.1	97.1	87.5	78.3	69.9	61.9	53.9	45.9
27.5°	126.6	119.5	113.2	107.2	99.4	89.9	80.5	71.7	63.6	55.3	47.1
25°	129.0	121.5	114.9	108.8	101.6	92.4	82.6	73.4	65.1	56.6	48.2
22.5°	131.3	123.2	116.4	110.2	103.8	94.6	84.5	75.1	66.4	57.8	49.3
20°	133.3	124.7	117.5	111.5	105.2	96.3	86.3	76.5	67.6	58.9	50.2
17.5°	135.0	126.1	118.8	112.6	106.2	97.8	87.9	77.8	68.6	59.8	50.9
15°	136.7	127.6	119.8	113.4	107.0	99.0	89.2	78.9	69.5	60.6	51.7
12.5°	138.2	128.7	120.7	113.9	107.8	100.0	90.4	79.8	70.2	61.3	52.3
10°	139.4	129.4	121.2	114.3	108.3	100.7	91.2	80.7	71.0	61.9	52.9
7.5°	140.2	129.8	121.6	114.4	108.7	101.3	92.1	81.6	71.8	62.4	53.3
5°	140.7	130.0	121.8	114.8	108.9	101.8	92.7	82.3	72.4	62.8	53.6
2.5°	141.4	130.0	121.8	115.0	108.9	102.2	93.1	82.9	72.8	63.0	53.8
0°	141.6	129.8	121.5	115.1	108.7	102.3	93.2	83.2	73.1	63.1	53.9
-2.5°	141.4	130.0	121.8	115.0	108.9	102.2	93.1	82.9	72.8	63.0	53.8
-5°	140.7	130.0	121.8	114.8	108.9	101.8	92.7	82.3	72.4	62.8	53.6
-7.5°	140.2	129.8	121.6	114.4	108.7	101.3	92.1	81.6	71.8	62.4	53.3
-10°	139.4	129.4	121.2	114.3	108.3	100.7	91.2	80.7	71.0	61.9	52.9
-12.5°	138.2	128.7	120.7	113.9	107.8	100.0	90.4	79.8	70.2	61.3	52.3
-15°	136.7	127.6	119.8	113.4	107.0	99.0	89.2	78.9	69.5	60.6	51.7
-17.5°	135.0	126.1	118.8	112.6	106.2	97.8	87.9	77.8	68.6	59.8	50.9
-20°	133.3	124.7	117.5	111.5	105.2	96.3	86.3	76.5	67.6	58.9	50.2

Classified

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Scaled Data Report



REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	131.3	123.2	116.4	110.2	103.8	94.6	84.5	75.1	66.4	57.8	49.3
-25°	129.0	121.5	114.9	108.8	101.6	92.4	82.6	73.4	65.1	56.6	48.2
-27.5°	126.6	119.5	113.2	107.2	99.4	89.9	80.5	71.7	63.6	55.3	47.1
-30°	124.0	117.4	111.2	105.1	97.1	87.5	78.3	69.9	61.9	53.9	45.9
-32.5°	120.6	115.0	109.0	102.5	94.4	84.9	75.9	67.9	60.2	52.3	44.4
-35°	117.2	112.0	106.4	99.9	91.3	82.2	73.6	65.8	58.2	50.6	42.9
-37.5°	113.6	108.8	103.6	96.8	87.9	79.3	71.2	63.6	56.2	48.9	41.2
-40°	110.1	105.4	100.5	92.9	84.4	76.1	68.5	61.3	54.0	47.0	39.4
-42.5°	106.5	101.9	96.2	88.8	80.7	73.0	65.7	58.8	51.8	44.8	37.5
-45°	102.6	97.8	91.6	84.3	76.7	69.6	62.9	56.2	49.4	42.5	35.5
-47.5°	98.4	93.2	86.8	79.8	72.8	66.1	59.9	53.4	46.9	40.0	33.5
-50°	93.8	88.3	81.9	75.2	68.6	62.7	56.7	50.4	44.0	37.5	31.5
-52.5°	88.4	83.0	76.6	70.3	64.5	59.2	53.2	47.2	41.1	35.0	29.3
-55°	82.5	77.1	70.9	65.3	60.2	55.1	49.5	43.8	38.0	32.5	27.1
-57.5°	75.8	70.5	65.3	60.3	55.5	50.7	45.6	40.3	34.9	29.8	24.8
-60°	68.9	64.1	59.4	54.9	50.5	46.2	41.7	36.7	31.8	27.1	22.5
-62.5°	61.7	57.5	53.4	49.3	45.5	41.6	37.6	33.0	28.6	24.3	20.1
-65°	54.5	50.9	47.1	43.8	40.4	36.9	33.3	29.3	25.4	21.5	17.7
-67.5°	47.4	44.4	41.4	38.4	35.3	32.2	29.0	25.6	22.2	18.7	15.5
-70°	40.6	38.0	35.5	32.9	30.1	27.4	24.9	22.0	18.9	16.1	13.2
-72.5°	34.0	31.9	29.6	27.3	25.2	23.0	20.8	18.5	16.0	13.4	10.9
-75°	27.7	25.9	24.0	22.2	20.4	18.6	17.0	15.1	13.0	10.8	8.9
-77.5°	21.6	20.1	18.6	17.3	16.1	14.8	13.4	11.8	10.0	8.5	6.9
-80°	16.1	15.1	14.1	13.1	12.1	10.9	9.8	8.7	7.4	6.2	5.0
-82.5°	11.2	10.5	9.7	8.9	8.1	7.3	6.5	5.6	4.7	3.9	3.3
-85°	6.3	5.8	5.3	4.8	4.2	3.7	3.4	3.1	2.8	2.5	2.2
-87.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1
-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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REPORT NUMBER: P626645 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	5.5	4.2	3.2	2.4	1.6	0.8	0.0
75°	7.1	5.5	3.9	2.9	1.9	1.0	0.0
72.5°	8.7	6.9	5.0	3.3	2.2	1.1	0.0
70°	10.4	8.2	6.0	3.9	2.5	1.3	0.0
67.5°	12.3	9.5	7.1	4.6	2.8	1.4	0.0
65°	14.3	10.9	8.1	5.4	3.1	1.6	0.0
62.5°	16.2	12.5	9.1	6.1	3.4	1.7	0.0
60°	18.1	14.1	10.1	6.9	3.7	1.8	0.0
57.5°	20.1	15.6	11.3	7.6	4.2	2.0	0.0
55°	22.0	17.1	12.4	8.3	4.6	2.1	0.0
52.5°	23.8	18.5	13.6	9.0	5.1	2.3	0.0
50°	25.6	20.0	14.7	9.6	5.5	2.4	0.0
47.5°	27.3	21.4	15.8	10.3	5.9	2.5	0.0
45°	29.0	22.8	16.8	11.1	6.3	2.6	0.0
42.5°	30.6	24.0	17.8	11.8	6.7	2.7	0.0
40°	32.2	25.2	18.8	12.5	7.1	2.8	0.0
37.5°	33.6	26.4	19.7	13.2	7.5	2.9	0.0
35°	35.0	27.5	20.5	13.8	7.8	3.0	0.0
32.5°	36.3	28.6	21.3	14.3	8.1	3.1	0.0
30°	37.6	29.5	22.1	14.9	8.4	3.2	0.0
27.5°	38.7	30.5	22.7	15.3	8.7	3.3	0.0
25°	39.7	31.3	23.3	15.7	8.9	3.4	0.0
22.5°	40.6	32.1	23.9	16.1	9.1	3.4	0.0
20°	41.4	32.7	24.4	16.5	9.3	3.5	0.0
17.5°	42.2	33.3	24.9	16.7	9.5	3.5	0.0
15°	42.8	33.8	25.3	17.0	9.7	3.6	0.0
12.5°	43.4	34.1	25.7	17.2	9.8	3.6	0.0
10°	43.9	34.4	26.0	17.3	9.9	3.6	0.0
7.5°	44.3	34.6	26.2	17.4	10.0	3.7	0.0
5°	44.6	34.7	26.4	17.4	10.1	3.7	0.0
2.5°	44.7	34.8	26.5	17.4	10.1	3.7	0.0
0°	44.8	34.7	26.5	17.4	10.1	3.7	0.0
-2.5°	44.7	34.8	26.5	17.4	10.1	3.7	0.0
-5°	44.6	34.7	26.4	17.4	10.1	3.7	0.0
-7.5°	44.3	34.6	26.2	17.4	10.0	3.7	0.0
-10°	43.9	34.4	26.0	17.3	9.9	3.6	0.0
-12.5°	43.4	34.1	25.7	17.2	9.8	3.6	0.0
-15°	42.8	33.8	25.3	17.0	9.7	3.6	0.0
-17.5°	42.2	33.3	24.9	16.7	9.5	3.5	0.0
-20°	41.4	32.7	24.4	16.5	9.3	3.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.6	32.1	23.9	16.1	9.1	3.4	0.0
-25°	39.7	31.3	23.3	15.7	8.9	3.4	0.0
-27.5°	38.7	30.5	22.7	15.3	8.7	3.3	0.0
-30°	37.6	29.5	22.1	14.9	8.4	3.2	0.0
-32.5°	36.3	28.6	21.3	14.3	8.1	3.1	0.0
-35°	35.0	27.5	20.5	13.8	7.8	3.0	0.0
-37.5°	33.6	26.4	19.7	13.2	7.5	2.9	0.0
-40°	32.2	25.2	18.8	12.5	7.1	2.8	0.0
-42.5°	30.6	24.0	17.8	11.8	6.7	2.7	0.0
-45°	29.0	22.8	16.8	11.1	6.3	2.6	0.0
-47.5°	27.3	21.4	15.8	10.3	5.9	2.5	0.0
-50°	25.6	20.0	14.7	9.6	5.5	2.4	0.0
-52.5°	23.8	18.5	13.6	9.0	5.1	2.3	0.0
-55°	22.0	17.1	12.4	8.3	4.6	2.1	0.0
-57.5°	20.1	15.6	11.3	7.6	4.2	2.0	0.0
-60°	18.1	14.1	10.1	6.9	3.7	1.8	0.0
-62.5°	16.2	12.5	9.1	6.1	3.4	1.7	0.0
-65°	14.3	10.9	8.1	5.4	3.1	1.6	0.0
-67.5°	12.3	9.5	7.1	4.6	2.8	1.4	0.0
-70°	10.4	8.2	6.0	3.9	2.5	1.3	0.0
-72.5°	8.7	6.9	5.0	3.3	2.2	1.1	0.0
-75°	7.1	5.5	3.9	2.9	1.9	1.0	0.0
-77.5°	5.5	4.2	3.2	2.4	1.6	0.8	0.0
-80°	3.9	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)