

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: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626655 (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-727-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N11  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

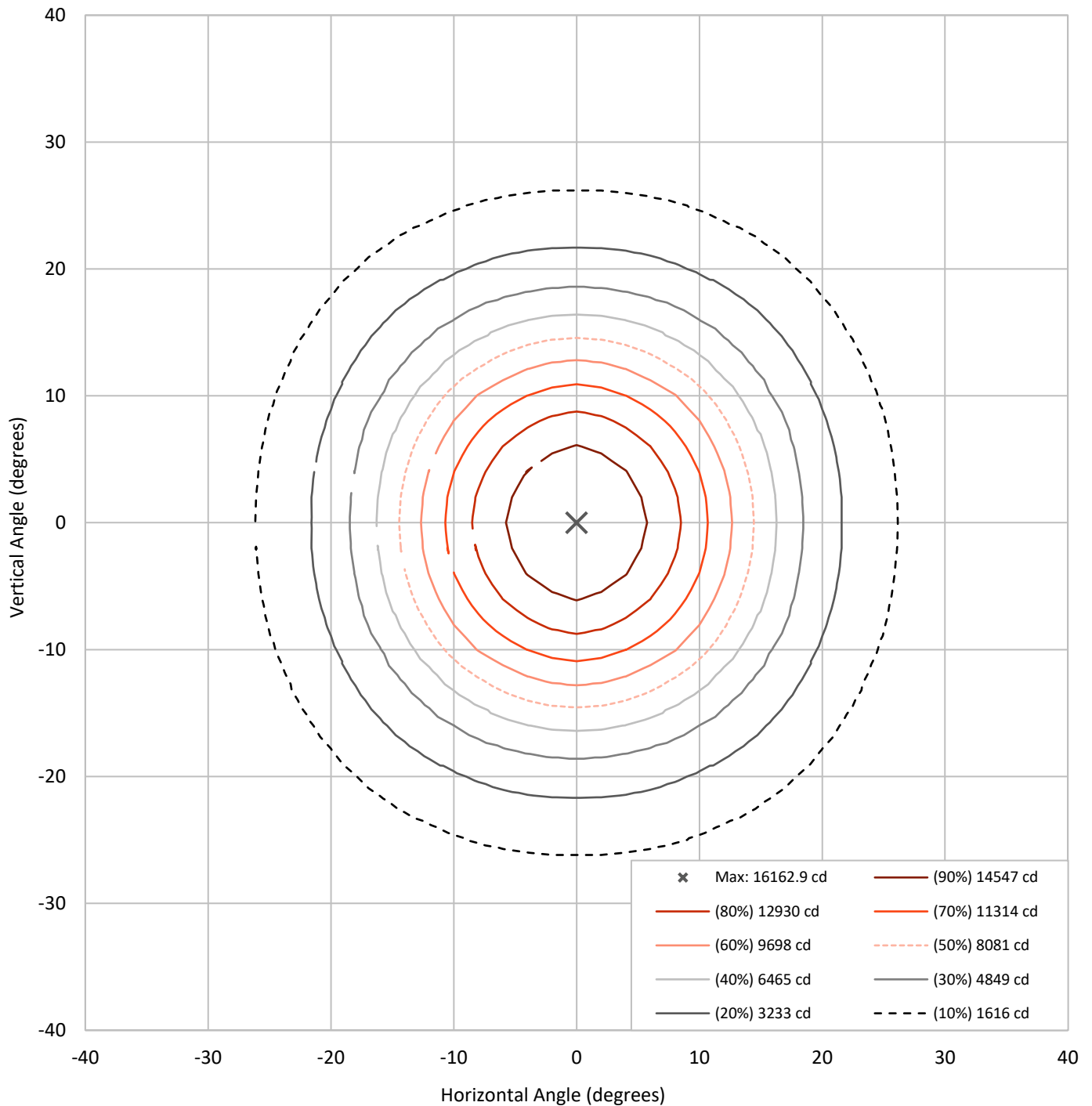
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5049.8 lumens	Max Intensity:	16162.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.1 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:	2455.2 lumens	Field Lumens:	4143.3 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





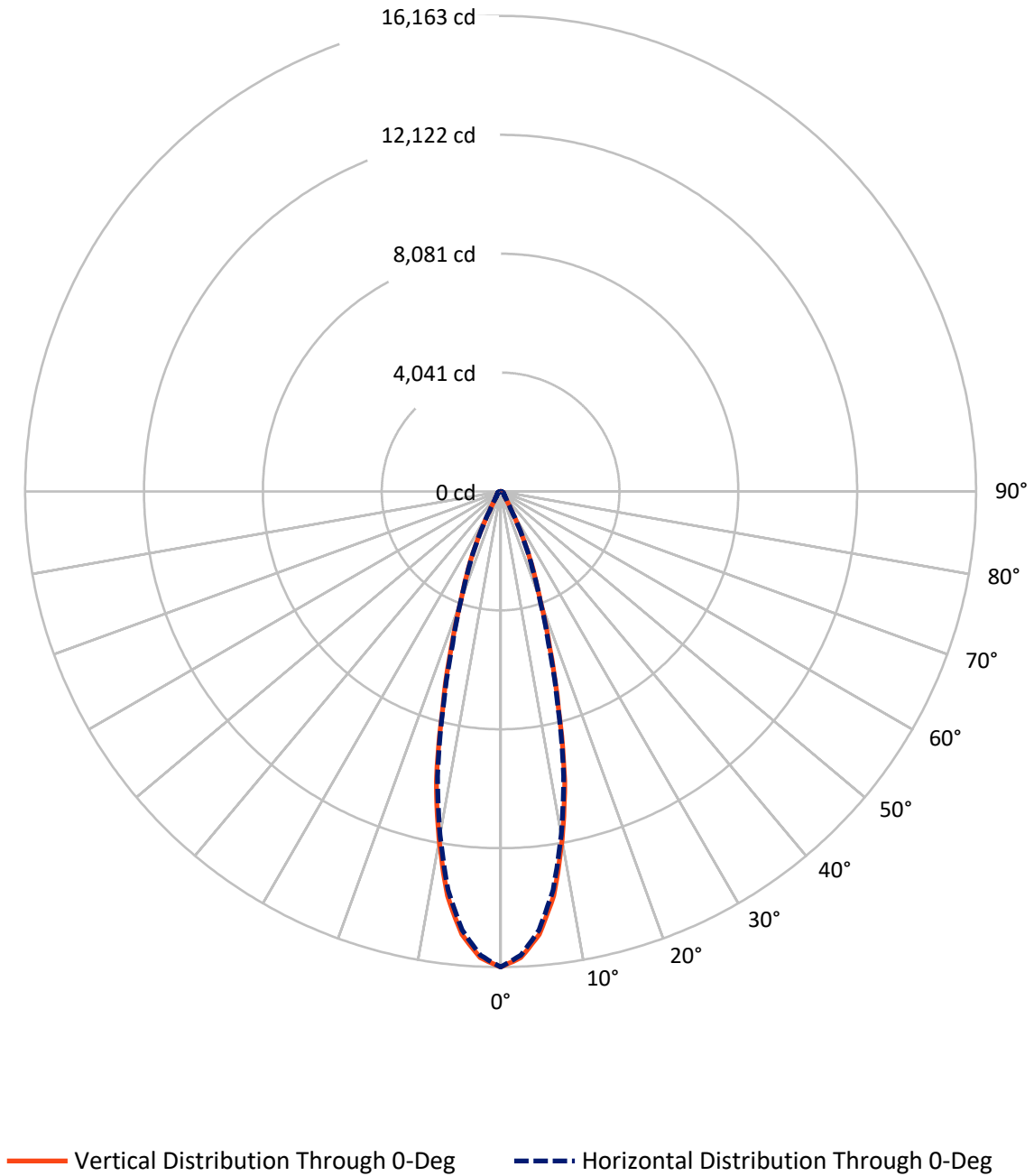
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### Lumen Table

90	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1						
80	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1						
70	0.4	0.4	0.9	1.4	2.0	2.4	2.7	2.9	2.9	2.7	2.4	2.0	1.4	0.9	0.4
60		0.6	1.3	2.1	2.8	3.5	3.9	4.0	4.0	3.9	3.5	2.8	2.1	1.3	0.6
50	0.7	0.8	1.7	2.6	3.5	4.4	5.1	5.5	5.5	5.1	4.4	3.5	2.6	1.7	0.8
40		1.0	2.0	3.0	4.2	6.0	8.8	11.4	11.4	8.8	6.0	4.2	3.0	2.0	1.0
30	0.9	1.1	2.1	3.4	5.4	11.8	33.2	58.9	58.9	33.2	11.8	5.4	3.4	2.1	1.1
20		1.2	2.3	3.7	7.4	31.0	110.5	211.7	211.7	110.5	31.0	7.4	3.7	2.3	1.2
10	0.9	1.2	2.3	3.9	9.4	53.5	204.5	402.2	402.2	204.5	53.5	9.4	3.9	2.3	1.2
0		1.2	2.3	3.9	9.4	53.5	204.5	402.2	402.2	204.5	53.5	9.4	3.9	2.3	1.2
-10	0.9	1.2	2.3	3.9	9.4	53.5	204.5	402.2	402.2	204.5	53.5	9.4	3.9	2.3	1.2
-20		1.2	2.3	3.7	7.4	31.0	110.5	211.7	211.7	110.5	31.0	7.4	3.7	2.3	1.2
-30	0.7	1.1	2.1	3.4	5.4	11.8	33.2	58.9	58.9	33.2	11.8	5.4	3.4	2.1	1.1
-40		1.0	2.0	3.0	4.2	6.0	8.8	11.4	11.4	8.8	6.0	4.2	3.0	2.0	1.0
-50	0.4	0.8	1.7	2.6	3.5	4.4	5.1	5.5	5.5	5.1	4.4	3.5	2.6	1.7	0.8
-60		0.6	1.3	2.1	2.8	3.5	3.9	4.0	4.0	3.9	3.5	2.8	2.1	1.3	0.6
-70	0.4	0.4	0.9	1.4	2.0	2.4	2.7	2.9	2.9	2.7	2.4	2.0	1.4	0.9	0.4
-80		0.4	0.9	1.4	2.0	2.4	2.7	2.9	2.9	2.7	2.4	2.0	1.4	0.9	0.4
-90	0.1	0.8	2.2	3.5	3.8	3.5	2.2	0.8	0.1						

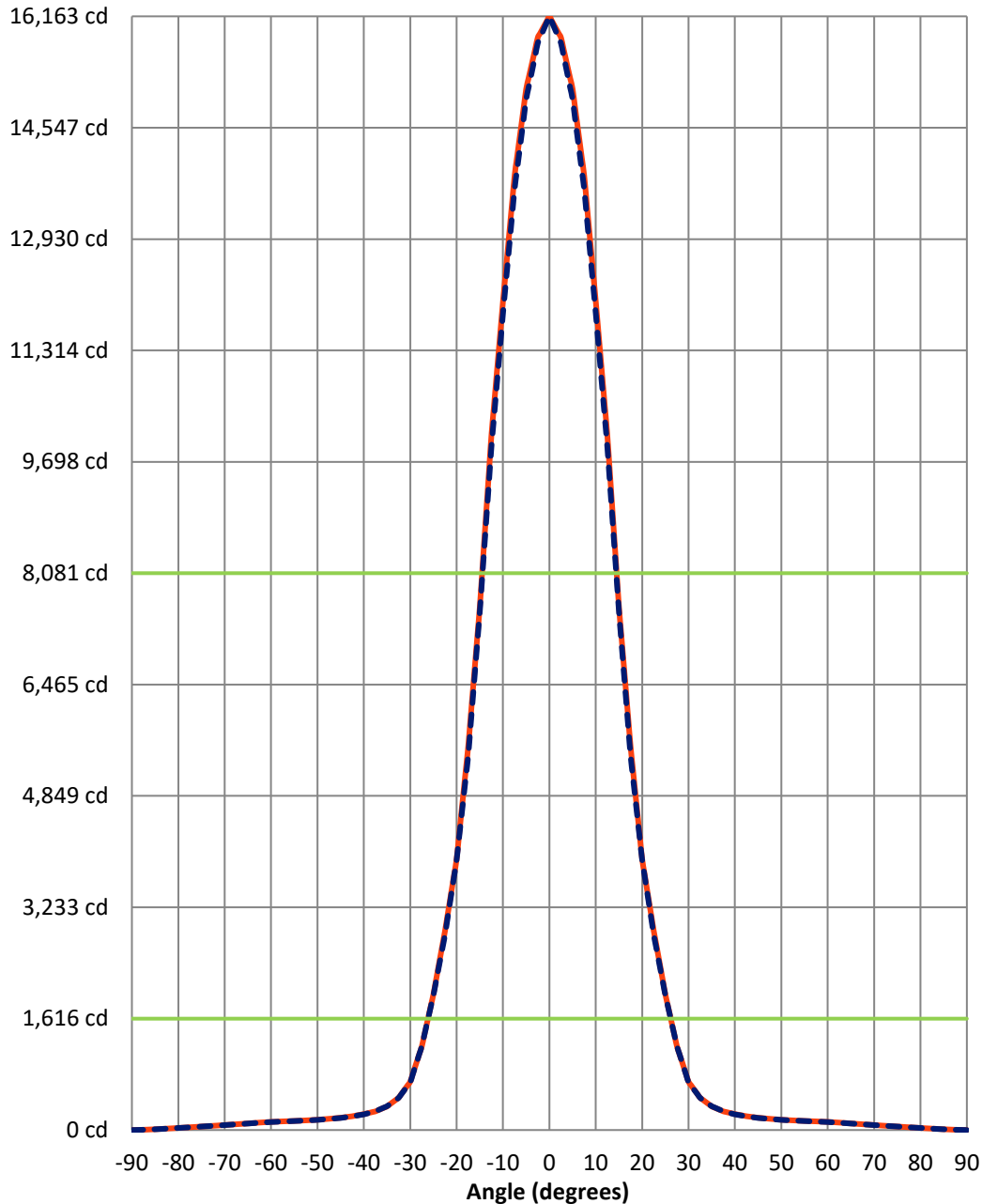
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 2455.2  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 4143.3  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 906.5  
 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	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.3	6.3
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.9	8.3	9.7
77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.2	7.8	9.5	11.3	13.3
75°	0.0	1.1	2.1	3.2	4.3	6.2	8.0	10.0	12.1	14.6	17.1
72.5°	0.0	1.2	2.5	3.7	5.5	7.7	9.8	12.3	15.2	18.1	20.9
70°	0.0	1.4	2.8	4.3	6.7	9.2	11.7	14.9	18.2	21.5	25.0
67.5°	0.0	1.6	3.1	5.2	7.9	10.7	13.9	17.5	21.2	25.2	29.1
65°	0.0	1.7	3.5	6.0	9.1	12.3	16.2	20.1	24.4	28.8	33.3
62.5°	0.0	1.9	3.8	6.9	10.2	14.1	18.3	22.8	27.6	32.4	37.5
60°	0.0	2.0	4.1	7.7	11.3	15.9	20.5	25.5	30.7	36.1	41.6
57.5°	0.0	2.2	4.6	8.5	12.7	17.6	22.7	28.2	33.8	39.6	45.7
55°	0.0	2.4	5.2	9.3	14.1	19.3	24.9	30.8	36.8	43.1	49.7
52.5°	0.0	2.5	5.7	10.1	15.4	21.0	27.0	33.3	39.7	46.6	53.6
50°	0.0	2.6	6.2	10.9	16.6	22.7	29.1	35.7	42.5	50.0	57.2
47.5°	0.0	2.8	6.7	11.6	17.9	24.3	31.0	38.1	45.4	53.2	60.6
45°	0.0	2.9	7.1	12.5	19.0	25.8	32.9	40.3	48.2	56.1	63.8
42.5°	0.0	3.0	7.6	13.3	20.2	27.3	34.8	42.6	50.9	58.8	66.8
40°	0.0	3.1	8.0	14.1	21.3	28.6	36.5	44.7	53.3	61.4	69.6
37.5°	0.0	3.3	8.4	14.9	22.3	29.9	38.2	46.8	55.5	63.8	72.3
35°	0.0	3.4	8.8	15.6	23.3	31.2	39.8	48.7	57.5	66.2	74.7
32.5°	0.0	3.5	9.1	16.2	24.2	32.4	41.3	50.4	59.4	68.3	77.1
30°	0.0	3.6	9.4	16.8	25.0	33.6	42.7	52.0	61.2	70.3	79.4
27.5°	0.0	3.6	9.7	17.3	25.8	34.6	44.0	53.4	62.8	72.2	81.4
25°	0.0	3.7	10.0	17.8	26.5	35.6	45.1	54.7	64.3	73.9	83.3
22.5°	0.0	3.8	10.3	18.2	27.1	36.5	46.1	55.9	65.6	75.4	85.2
20°	0.0	3.9	10.5	18.6	27.7	37.2	47.0	56.9	66.8	76.7	86.9
17.5°	0.0	3.9	10.7	18.9	28.3	37.9	47.9	57.8	67.9	77.9	88.4
15°	0.0	4.0	10.9	19.2	28.7	38.4	48.6	58.6	68.7	78.9	89.6
12.5°	0.0	4.0	11.1	19.4	29.1	38.8	49.2	59.4	69.5	79.7	90.7
10°	0.0	4.0	11.2	19.6	29.5	39.1	49.8	60.1	70.3	80.7	91.6
7.5°	0.0	4.1	11.3	19.7	29.7	39.3	50.2	60.6	70.9	81.5	92.7
5°	0.0	4.1	11.3	19.7	29.9	39.5	50.5	60.9	71.3	82.2	93.5
2.5°	0.0	4.1	11.4	19.7	30.1	39.5	50.7	61.1	71.5	82.7	94.1
0°	0.0	4.1	11.4	19.7	30.1	39.5	50.7	61.1	71.5	82.7	94.1
-2.5°	0.0	4.1	11.4	19.7	30.1	39.5	50.7	61.1	71.5	82.7	94.1
-5°	0.0	4.1	11.3	19.7	29.9	39.5	50.5	60.9	71.3	82.2	93.5
-7.5°	0.0	4.1	11.3	19.7	29.7	39.3	50.2	60.6	70.9	81.5	92.7
-10°	0.0	4.0	11.2	19.6	29.5	39.1	49.8	60.1	70.3	80.7	91.6
-12.5°	0.0	4.0	11.1	19.4	29.1	38.8	49.2	59.4	69.5	79.7	90.7
-15°	0.0	4.0	10.9	19.2	28.7	38.4	48.6	58.6	68.7	78.9	89.6
-17.5°	0.0	3.9	10.7	18.9	28.3	37.9	47.9	57.8	67.9	77.9	88.4
-20°	0.0	3.9	10.5	18.6	27.7	37.2	47.0	56.9	66.8	76.7	86.9

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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	3.8	10.3	18.2	27.1	36.5	46.1	55.9	65.6	75.4	85.2
-25°	0.0	3.7	10.0	17.8	26.5	35.6	45.1	54.7	64.3	73.9	83.3
-27.5°	0.0	3.6	9.7	17.3	25.8	34.6	44.0	53.4	62.8	72.2	81.4
-30°	0.0	3.6	9.4	16.8	25.0	33.6	42.7	52.0	61.2	70.3	79.4
-32.5°	0.0	3.5	9.1	16.2	24.2	32.4	41.3	50.4	59.4	68.3	77.1
-35°	0.0	3.4	8.8	15.6	23.3	31.2	39.8	48.7	57.5	66.2	74.7
-37.5°	0.0	3.3	8.4	14.9	22.3	29.9	38.2	46.8	55.5	63.8	72.3
-40°	0.0	3.1	8.0	14.1	21.3	28.6	36.5	44.7	53.3	61.4	69.6
-42.5°	0.0	3.0	7.6	13.3	20.2	27.3	34.8	42.6	50.9	58.8	66.8
-45°	0.0	2.9	7.1	12.5	19.0	25.8	32.9	40.3	48.2	56.1	63.8
-47.5°	0.0	2.8	6.7	11.6	17.9	24.3	31.0	38.1	45.4	53.2	60.6
-50°	0.0	2.6	6.2	10.9	16.6	22.7	29.1	35.7	42.5	50.0	57.2
-52.5°	0.0	2.5	5.7	10.1	15.4	21.0	27.0	33.3	39.7	46.6	53.6
-55°	0.0	2.4	5.2	9.3	14.1	19.3	24.9	30.8	36.8	43.1	49.7
-57.5°	0.0	2.2	4.6	8.5	12.7	17.6	22.7	28.2	33.8	39.6	45.7
-60°	0.0	2.0	4.1	7.7	11.3	15.9	20.5	25.5	30.7	36.1	41.6
-62.5°	0.0	1.9	3.8	6.9	10.2	14.1	18.3	22.8	27.6	32.4	37.5
-65°	0.0	1.7	3.5	6.0	9.1	12.3	16.2	20.1	24.4	28.8	33.3
-67.5°	0.0	1.6	3.1	5.2	7.9	10.7	13.9	17.5	21.2	25.2	29.1
-70°	0.0	1.4	2.8	4.3	6.7	9.2	11.7	14.9	18.2	21.5	25.0
-72.5°	0.0	1.2	2.5	3.7	5.5	7.7	9.8	12.3	15.2	18.1	20.9
-75°	0.0	1.1	2.1	3.2	4.3	6.2	8.0	10.0	12.1	14.6	17.1
-77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.2	7.8	9.5	11.3	13.3
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.9	8.3	9.7
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.3	6.3
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.7	5.3	5.9	6.5	7.0	7.5	8.0	8.5	9.0
82.5°	7.3	8.2	9.2	10.1	10.9	11.8	12.6	13.4	14.1	14.9	15.5
80°	11.1	12.3	13.6	14.8	15.9	17.1	18.2	19.2	20.2	21.3	22.4
77.5°	15.1	16.7	18.2	19.5	21.0	22.8	24.5	26.1	27.7	29.2	30.6
75°	19.3	21.1	23.1	25.1	27.2	29.3	31.4	33.4	35.3	37.3	39.3
72.5°	23.6	26.2	28.6	31.0	33.6	36.2	38.5	40.7	43.1	45.8	48.3
70°	28.3	31.2	34.2	37.3	40.2	43.1	46.0	49.0	52.0	54.8	57.6
67.5°	32.9	36.6	40.1	43.5	46.9	50.3	53.8	57.4	60.8	64.1	67.3
65°	37.9	41.9	45.9	49.8	53.5	57.7	61.8	65.8	70.2	74.2	77.7
62.5°	42.7	47.2	51.6	56.0	60.6	65.2	70.0	75.0	80.2	83.9	87.1
60°	47.3	52.4	57.3	62.4	67.5	72.7	78.2	83.5	88.2	92.3	95.7
57.5°	51.8	57.6	63.0	68.5	74.0	80.0	86.0	91.5	95.9	99.8	103.5
55°	56.2	62.6	68.4	74.2	80.5	87.5	93.6	98.6	103.1	106.3	109.9
52.5°	60.4	67.2	73.3	79.8	87.0	94.2	100.4	105.2	109.0	112.3	115.8
50°	64.4	71.2	78.0	85.3	93.0	100.2	106.5	110.9	114.7	118.2	121.5
47.5°	68.0	75.1	82.7	90.6	98.6	105.8	111.8	116.2	120.2	123.8	127.4
45°	71.4	79.1	87.1	95.8	103.9	111.1	116.5	121.3	125.1	129.1	133.7
42.5°	74.7	82.8	91.6	100.8	109.2	115.7	121.0	125.6	129.9	134.8	139.9
40°	77.8	86.4	95.8	105.5	114.1	119.7	125.0	129.8	134.9	140.4	146.0
37.5°	80.8	90.0	99.8	109.9	117.7	123.5	129.0	134.4	140.0	146.0	153.0
35°	83.5	93.3	103.6	113.4	120.8	127.2	133.1	138.9	145.3	152.6	160.2
32.5°	86.2	96.3	107.2	116.3	123.7	130.6	137.0	143.7	150.9	158.9	167.6
30°	88.8	99.3	110.3	119.3	126.3	133.3	140.8	148.2	156.3	165.2	175.4
27.5°	91.4	102.0	112.8	121.7	128.6	135.6	143.7	152.8	161.6	171.3	183.2
25°	93.7	104.9	115.4	123.5	130.5	137.9	146.4	156.0	166.4	177.9	192.5
22.5°	95.9	107.4	117.8	125.1	132.1	139.9	149.0	159.2	170.4	183.8	201.7
20°	98.0	109.4	119.4	126.6	133.4	141.5	151.3	162.0	174.9	191.1	212.4
17.5°	99.8	111.1	120.6	127.8	134.8	143.1	153.2	164.4	178.9	197.5	222.7
15°	101.3	112.5	121.5	128.7	136.0	144.8	155.2	167.4	183.2	203.8	231.6
12.5°	102.6	113.5	122.3	129.3	136.9	146.1	156.9	170.3	187.6	210.6	243.6
10°	103.6	114.3	123.0	129.7	137.6	146.9	158.2	172.5	191.1	216.3	253.9
7.5°	104.6	115.0	123.4	129.9	138.0	147.4	159.2	174.1	193.7	220.6	262.1
5°	105.3	115.7	123.7	130.3	138.2	147.5	159.8	175.0	195.3	223.5	267.9
2.5°	105.7	116.1	123.7	130.6	138.3	147.6	160.5	175.5	197.1	225.8	271.2
0°	105.8	116.2	123.5	130.7	138.0	147.3	160.8	175.3	198.2	227.2	271.8
-2.5°	105.7	116.1	123.7	130.6	138.3	147.6	160.5	175.5	197.1	225.8	271.2
-5°	105.3	115.7	123.7	130.3	138.2	147.5	159.8	175.0	195.3	223.5	267.9
-7.5°	104.6	115.0	123.4	129.9	138.0	147.4	159.2	174.1	193.7	220.6	262.1
-10°	103.6	114.3	123.0	129.7	137.6	146.9	158.2	172.5	191.1	216.3	253.9
-12.5°	102.6	113.5	122.3	129.3	136.9	146.1	156.9	170.3	187.6	210.6	243.6
-15°	101.3	112.5	121.5	128.7	136.0	144.8	155.2	167.4	183.2	203.8	231.6
-17.5°	99.8	111.1	120.6	127.8	134.8	143.1	153.2	164.4	178.9	197.5	222.7
-20°	98.0	109.4	119.4	126.6	133.4	141.5	151.3	162.0	174.9	191.1	212.4



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	95.9	107.4	117.8	125.1	132.1	139.9	149.0	159.2	170.4	183.8	201.7
-25°	93.7	104.9	115.4	123.5	130.5	137.9	146.4	156.0	166.4	177.9	192.5
-27.5°	91.4	102.0	112.8	121.7	128.6	135.6	143.7	152.8	161.6	171.3	183.2
-30°	88.8	99.3	110.3	119.3	126.3	133.3	140.8	148.2	156.3	165.2	175.4
-32.5°	86.2	96.3	107.2	116.3	123.7	130.6	137.0	143.7	150.9	158.9	167.6
-35°	83.5	93.3	103.6	113.4	120.8	127.2	133.1	138.9	145.3	152.6	160.2
-37.5°	80.8	90.0	99.8	109.9	117.7	123.5	129.0	134.4	140.0	146.0	153.0
-40°	77.8	86.4	95.8	105.5	114.1	119.7	125.0	129.8	134.9	140.4	146.0
-42.5°	74.7	82.8	91.6	100.8	109.2	115.7	121.0	125.6	129.9	134.8	139.9
-45°	71.4	79.1	87.1	95.8	103.9	111.1	116.5	121.3	125.1	129.1	133.7
-47.5°	68.0	75.1	82.7	90.6	98.6	105.8	111.8	116.2	120.2	123.8	127.4
-50°	64.4	71.2	78.0	85.3	93.0	100.2	106.5	110.9	114.7	118.2	121.5
-52.5°	60.4	67.2	73.3	79.8	87.0	94.2	100.4	105.2	109.0	112.3	115.8
-55°	56.2	62.6	68.4	74.2	80.5	87.5	93.6	98.6	103.1	106.3	109.9
-57.5°	51.8	57.6	63.0	68.5	74.0	80.0	86.0	91.5	95.9	99.8	103.5
-60°	47.3	52.4	57.3	62.4	67.5	72.7	78.2	83.5	88.2	92.3	95.7
-62.5°	42.7	47.2	51.6	56.0	60.6	65.2	70.0	75.0	80.2	83.9	87.1
-65°	37.9	41.9	45.9	49.8	53.5	57.7	61.8	65.8	70.2	74.2	77.7
-67.5°	32.9	36.6	40.1	43.5	46.9	50.3	53.8	57.4	60.8	64.1	67.3
-70°	28.3	31.2	34.2	37.3	40.2	43.1	46.0	49.0	52.0	54.8	57.6
-72.5°	23.6	26.2	28.6	31.0	33.6	36.2	38.5	40.7	43.1	45.8	48.3
-75°	19.3	21.1	23.1	25.1	27.2	29.3	31.4	33.4	35.3	37.3	39.3
-77.5°	15.1	16.7	18.2	19.5	21.0	22.8	24.5	26.1	27.7	29.2	30.6
-80°	11.1	12.3	13.6	14.8	15.9	17.1	18.2	19.2	20.2	21.3	22.4
-82.5°	7.3	8.2	9.2	10.1	10.9	11.8	12.6	13.4	14.1	14.9	15.5
-85°	3.8	4.1	4.7	5.3	5.9	6.5	7.0	7.5	8.0	8.5	9.0
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
85°	9.4	9.8	10.2	10.5	10.8	10.9	11.0	11.0	10.9	11.1	11.2
82.5°	16.2	16.9	17.7	18.4	19.1	19.4	19.6	19.7	19.8	20.0	20.3
80°	23.5	24.7	25.8	26.7	27.6	28.2	28.7	29.2	29.7	29.9	30.0
77.5°	32.1	33.5	34.8	36.0	37.1	38.0	38.7	39.3	39.7	40.0	40.2
75°	41.2	43.0	44.6	46.0	47.4	48.3	49.0	49.5	49.8	50.2	50.4
72.5°	50.5	52.5	54.4	56.1	57.7	58.8	59.6	60.2	60.6	61.0	61.1
70°	60.3	62.7	64.7	66.5	67.9	68.9	69.8	70.4	70.9	71.3	71.5
67.5°	70.4	72.9	74.8	76.4	77.6	78.7	79.7	80.5	81.0	81.5	82.0
65°	80.6	83.2	85.2	86.8	88.1	89.6	90.9	91.9	92.5	93.1	93.7
62.5°	90.3	93.3	95.5	97.7	99.8	101.9	103.1	104.0	104.6	105.2	105.9
60°	99.1	102.4	105.2	107.8	110.5	113.1	114.2	115.1	115.9	116.6	117.3
57.5°	106.9	110.5	113.9	116.4	118.9	121.4	123.1	124.0	124.7	125.0	125.3
55°	113.7	117.2	120.6	123.6	126.3	128.9	130.8	131.7	132.4	132.8	133.1
52.5°	119.8	123.6	127.2	130.5	133.4	136.2	138.5	139.8	140.8	141.5	141.8
50°	125.7	129.9	133.8	137.3	140.7	144.0	147.1	148.8	150.0	150.8	151.0
47.5°	131.9	136.4	140.7	144.7	148.7	152.6	156.1	158.5	160.3	161.6	162.5
45°	138.4	143.3	148.0	152.8	157.3	162.3	166.8	170.3	172.9	175.1	176.9
42.5°	145.0	150.4	155.8	162.0	168.1	173.8	179.2	183.8	188.1	192.2	195.4
40°	152.1	158.0	165.4	172.7	180.3	186.9	194.8	201.9	208.4	215.4	221.1
37.5°	159.9	167.4	176.2	184.9	194.8	204.4	215.4	226.3	235.7	247.9	257.8
35°	168.3	177.9	188.2	200.0	212.8	227.8	243.2	261.3	276.6	296.1	314.1
32.5°	177.7	189.1	202.5	218.6	235.8	259.9	282.5	313.1	339.3	373.2	410.1
30°	187.3	202.0	220.2	241.1	270.1	304.3	344.1	395.9	452.0	510.0	588.1
27.5°	198.7	217.7	240.4	272.7	316.1	363.4	444.6	532.2	654.3	751.0	923.2
25°	210.9	234.4	268.1	314.8	374.8	470.5	607.5	766.2	1010.5	1227.9	1477.6
22.5°	225.4	257.4	301.9	363.1	467.6	632.3	846.2	1172.0	1534.2	1891.7	2218.4
20°	240.8	279.4	341.6	441.3	602.9	841.0	1222.6	1688.1	2169.0	2658.9	3071.8
17.5°	258.7	311.1	393.1	525.5	756.0	1163.8	1673.4	2265.4	2893.6	3518.8	4061.8
15°	274.0	338.9	449.3	647.6	991.3	1501.3	2127.7	2875.4	3665.4	4476.7	5356.0
12.5°	293.7	372.3	507.1	748.5	1200.1	1863.0	2629.4	3497.5	4462.2	5539.4	6910.2
10°	311.7	407.4	583.2	910.2	1451.0	2200.8	3062.8	4047.7	5299.0	6917.8	8571.3
7.5°	326.1	435.2	642.2	1036.4	1661.4	2489.4	3453.1	4633.8	6194.9	8122.5	10011.8
5°	336.2	454.5	684.5	1131.8	1830.7	2710.0	3730.0	5066.0	6950.1	9108.6	11037.7
2.5°	342.5	465.1	705.1	1188.4	1941.2	2842.7	3902.7	5340.6	7412.9	9736.4	11689.5
0°	345.5	466.9	692.0	1215.9	1956.7	2833.3	3918.5	5432.2	7522.7	9906.9	11852.1
-2.5°	342.5	465.1	705.1	1188.4	1941.2	2842.7	3902.7	5340.6	7412.9	9736.4	11689.5
-5°	336.2	454.5	684.5	1131.8	1830.7	2710.0	3730.0	5066.0	6950.1	9108.6	11037.7
-7.5°	326.1	435.2	642.2	1036.4	1661.4	2489.4	3453.1	4633.8	6194.9	8122.5	10011.8
-10°	311.7	407.4	583.2	910.2	1451.0	2200.8	3062.8	4047.7	5299.0	6917.8	8571.3
-12.5°	293.7	372.3	507.1	748.5	1200.1	1863.0	2629.4	3497.5	4462.2	5539.4	6910.2
-15°	274.0	338.9	449.3	647.6	991.3	1501.3	2127.7	2875.4	3665.4	4476.7	5356.0
-17.5°	258.7	311.1	393.1	525.5	756.0	1163.8	1673.4	2265.4	2893.6	3518.8	4061.8
-20°	240.8	279.4	341.6	441.3	602.9	841.0	1222.6	1688.1	2169.0	2658.9	3071.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	225.4	257.4	301.9	363.1	467.6	632.3	846.2	1172.0	1534.2	1891.7	2218.4
-25°	210.9	234.4	268.1	314.8	374.8	470.5	607.5	766.2	1010.5	1227.9	1477.6
-27.5°	198.7	217.7	240.4	272.7	316.1	363.4	444.6	532.2	654.3	751.0	923.2
-30°	187.3	202.0	220.2	241.1	270.1	304.3	344.1	395.9	452.0	510.0	588.1
-32.5°	177.7	189.1	202.5	218.6	235.8	259.9	282.5	313.1	339.3	373.2	410.1
-35°	168.3	177.9	188.2	200.0	212.8	227.8	243.2	261.3	276.6	296.1	314.1
-37.5°	159.9	167.4	176.2	184.9	194.8	204.4	215.4	226.3	235.7	247.9	257.8
-40°	152.1	158.0	165.4	172.7	180.3	186.9	194.8	201.9	208.4	215.4	221.1
-42.5°	145.0	150.4	155.8	162.0	168.1	173.8	179.2	183.8	188.1	192.2	195.4
-45°	138.4	143.3	148.0	152.8	157.3	162.3	166.8	170.3	172.9	175.1	176.9
-47.5°	131.9	136.4	140.7	144.7	148.7	152.6	156.1	158.5	160.3	161.6	162.5
-50°	125.7	129.9	133.8	137.3	140.7	144.0	147.1	148.8	150.0	150.8	151.0
-52.5°	119.8	123.6	127.2	130.5	133.4	136.2	138.5	139.8	140.8	141.5	141.8
-55°	113.7	117.2	120.6	123.6	126.3	128.9	130.8	131.7	132.4	132.8	133.1
-57.5°	106.9	110.5	113.9	116.4	118.9	121.4	123.1	124.0	124.7	125.0	125.3
-60°	99.1	102.4	105.2	107.8	110.5	113.1	114.2	115.1	115.9	116.6	117.3
-62.5°	90.3	93.3	95.5	97.7	99.8	101.9	103.1	104.0	104.6	105.2	105.9
-65°	80.6	83.2	85.2	86.8	88.1	89.6	90.9	91.9	92.5	93.1	93.7
-67.5°	70.4	72.9	74.8	76.4	77.6	78.7	79.7	80.5	81.0	81.5	82.0
-70°	60.3	62.7	64.7	66.5	67.9	68.9	69.8	70.4	70.9	71.3	71.5
-72.5°	50.5	52.5	54.4	56.1	57.7	58.8	59.6	60.2	60.6	61.0	61.1
-75°	41.2	43.0	44.6	46.0	47.4	48.3	49.0	49.5	49.8	50.2	50.4
-77.5°	32.1	33.5	34.8	36.0	37.1	38.0	38.7	39.3	39.7	40.0	40.2
-80°	23.5	24.7	25.8	26.7	27.6	28.2	28.7	29.2	29.7	29.9	30.0
-82.5°	16.2	16.9	17.7	18.4	19.1	19.4	19.6	19.7	19.8	20.0	20.3
-85°	9.4	9.8	10.2	10.5	10.8	10.9	11.0	11.0	10.9	11.1	11.2
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
85°	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.2	11.1	10.9	11.0
82.5°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.0	19.8	19.7
80°	30.0	30.0	30.1	30.1	30.1	30.0	30.0	30.0	29.9	29.7	29.2
77.5°	40.3	40.3	40.4	40.5	40.4	40.3	40.3	40.2	40.0	39.7	39.3
75°	50.6	50.6	50.7	50.8	50.7	50.6	50.6	50.4	50.2	49.8	49.5
72.5°	61.1	61.0	61.1	61.2	61.1	61.0	61.1	61.1	61.0	60.6	60.2
70°	71.5	71.3	72.0	72.6	72.0	71.3	71.5	71.5	71.3	70.9	70.4
67.5°	82.4	82.6	83.4	84.0	83.4	82.6	82.4	82.0	81.5	81.0	80.5
65°	94.0	94.0	94.7	95.4	94.7	94.0	94.0	93.7	93.1	92.5	91.9
62.5°	106.3	106.5	107.2	107.9	107.2	106.5	106.3	105.9	105.2	104.6	104.0
60°	117.7	117.9	118.2	118.3	118.2	117.9	117.7	117.3	116.6	115.9	115.1
57.5°	125.4	125.3	125.4	125.5	125.4	125.3	125.4	125.3	125.0	124.7	124.0
55°	133.0	132.7	132.3	131.8	132.3	132.7	133.0	133.1	132.8	132.4	131.7
52.5°	141.6	141.1	140.6	140.1	140.6	141.1	141.6	141.8	141.5	140.8	139.8
50°	150.9	150.4	149.9	149.4	149.9	150.4	150.9	151.0	150.8	150.0	148.8
47.5°	163.2	163.4	163.3	162.9	163.3	163.4	163.2	162.5	161.6	160.3	158.5
45°	178.2	178.8	178.8	178.4	178.8	178.8	178.2	176.9	175.1	172.9	170.3
42.5°	197.7	199.0	199.7	200.2	199.7	199.0	197.7	195.4	192.2	188.1	183.8
40°	225.3	228.0	229.8	231.4	229.8	228.0	225.3	221.1	215.4	208.4	201.9
37.5°	265.1	269.9	272.1	270.8	272.1	269.9	265.1	257.8	247.9	235.7	226.3
35°	327.9	337.1	341.9	342.4	341.9	337.1	327.9	314.1	296.1	276.6	261.3
32.5°	437.3	456.3	466.5	467.9	466.5	456.3	437.3	410.1	373.2	339.3	313.1
30°	647.8	686.5	704.6	700.3	704.6	686.5	647.8	588.1	510.0	452.0	395.9
27.5°	1057.0	1153.3	1210.4	1214.9	1210.4	1153.3	1057.0	923.2	751.0	654.3	532.2
25°	1698.8	1863.2	1968.5	1970.2	1968.5	1863.2	1698.8	1477.6	1227.9	1010.5	766.2
22.5°	2520.6	2745.0	2867.9	2889.4	2867.9	2745.0	2520.6	2218.4	1891.7	1534.2	1172.0
20°	3472.6	3771.1	3930.8	3931.0	3930.8	3771.1	3472.6	3071.8	2658.9	2169.0	1688.1
17.5°	4645.1	5129.8	5434.0	5565.0	5434.0	5129.8	4645.1	4061.8	3518.8	2893.6	2265.4
15°	6202.7	7017.2	7505.3	7593.3	7505.3	7017.2	6202.7	5356.0	4476.7	3665.4	2875.4
12.5°	8099.3	9130.1	9823.1	10077.0	9823.1	9130.1	8099.3	6910.2	5539.4	4462.2	3497.5
10°	10079.5	11034.7	11777.0	12026.4	11777.0	11034.7	10079.5	8571.3	6917.8	5299.0	4047.7
7.5°	11510.1	12649.0	13485.2	13852.4	13485.2	12649.0	11510.1	10011.8	8122.5	6194.9	4633.8
5°	12639.3	13987.0	14765.4	15110.8	14765.4	13987.0	12639.3	11037.7	9108.6	6950.1	5066.0
2.5°	13380.3	14711.9	15536.2	15854.7	15536.2	14711.9	13380.3	11689.5	9736.4	7412.9	5340.6
0°	13657.3	14959.4	15773.8	16162.9	15773.8	14959.4	13657.3	11852.1	9906.9	7522.7	5432.2
-2.5°	13380.3	14711.9	15536.2	15854.7	15536.2	14711.9	13380.3	11689.5	9736.4	7412.9	5340.6
-5°	12639.3	13987.0	14765.4	15110.8	14765.4	13987.0	12639.3	11037.7	9108.6	6950.1	5066.0
-7.5°	11510.1	12649.0	13485.2	13852.4	13485.2	12649.0	11510.1	10011.8	8122.5	6194.9	4633.8
-10°	10079.5	11034.7	11777.0	12026.4	11777.0	11034.7	10079.5	8571.3	6917.8	5299.0	4047.7
-12.5°	8099.3	9130.1	9823.1	10077.0	9823.1	9130.1	8099.3	6910.2	5539.4	4462.2	3497.5
-15°	6202.7	7017.2	7505.3	7593.3	7505.3	7017.2	6202.7	5356.0	4476.7	3665.4	2875.4
-17.5°	4645.1	5129.8	5434.0	5565.0	5434.0	5129.8	4645.1	4061.8	3518.8	2893.6	2265.4
-20°	3472.6	3771.1	3930.8	3931.0	3930.8	3771.1	3472.6	3071.8	2658.9	2169.0	1688.1



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	2520.6	2745.0	2867.9	2889.4	2867.9	2745.0	2520.6	2218.4	1891.7	1534.2	1172.0
-25°	1698.8	1863.2	1968.5	1970.2	1968.5	1863.2	1698.8	1477.6	1227.9	1010.5	766.2
-27.5°	1057.0	1153.3	1210.4	1214.9	1210.4	1153.3	1057.0	923.2	751.0	654.3	532.2
-30°	647.8	686.5	704.6	700.3	704.6	686.5	647.8	588.1	510.0	452.0	395.9
-32.5°	437.3	456.3	466.5	467.9	466.5	456.3	437.3	410.1	373.2	339.3	313.1
-35°	327.9	337.1	341.9	342.4	341.9	337.1	327.9	314.1	296.1	276.6	261.3
-37.5°	265.1	269.9	272.1	270.8	272.1	269.9	265.1	257.8	247.9	235.7	226.3
-40°	225.3	228.0	229.8	231.4	229.8	228.0	225.3	221.1	215.4	208.4	201.9
-42.5°	197.7	199.0	199.7	200.2	199.7	199.0	197.7	195.4	192.2	188.1	183.8
-45°	178.2	178.8	178.8	178.4	178.8	178.8	178.2	176.9	175.1	172.9	170.3
-47.5°	163.2	163.4	163.3	162.9	163.3	163.4	163.2	162.5	161.6	160.3	158.5
-50°	150.9	150.4	149.9	149.4	149.9	150.4	150.9	151.0	150.8	150.0	148.8
-52.5°	141.6	141.1	140.6	140.1	140.6	141.1	141.6	141.8	141.5	140.8	139.8
-55°	133.0	132.7	132.3	131.8	132.3	132.7	133.0	133.1	132.8	132.4	131.7
-57.5°	125.4	125.3	125.4	125.5	125.4	125.3	125.4	125.3	125.0	124.7	124.0
-60°	117.7	117.9	118.2	118.3	118.2	117.9	117.7	117.3	116.6	115.9	115.1
-62.5°	106.3	106.5	107.2	107.9	107.2	106.5	106.3	105.9	105.2	104.6	104.0
-65°	94.0	94.0	94.7	95.4	94.7	94.0	94.0	93.7	93.1	92.5	91.9
-67.5°	82.4	82.6	83.4	84.0	83.4	82.6	82.4	82.0	81.5	81.0	80.5
-70°	71.5	71.3	72.0	72.6	72.0	71.3	71.5	71.5	71.3	70.9	70.4
-72.5°	61.1	61.0	61.1	61.2	61.1	61.0	61.1	61.1	61.0	60.6	60.2
-75°	50.6	50.6	50.7	50.8	50.7	50.6	50.6	50.4	50.2	49.8	49.5
-77.5°	40.3	40.3	40.4	40.5	40.4	40.3	40.3	40.2	40.0	39.7	39.3
-80°	30.0	30.0	30.1	30.1	30.1	30.0	30.0	30.0	29.9	29.7	29.2
-82.5°	20.5	20.6	20.7	20.7	20.7	20.6	20.5	20.3	20.0	19.8	19.7
-85°	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.2	11.1	10.9	11.0
-87.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
-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: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	11.0	10.9	10.8	10.5	10.2	9.8	9.4	9.0	8.5	8.0	7.5
82.5°	19.6	19.4	19.1	18.4	17.7	16.9	16.2	15.5	14.9	14.1	13.4
80°	28.7	28.2	27.6	26.7	25.8	24.7	23.5	22.4	21.3	20.2	19.2
77.5°	38.7	38.0	37.1	36.0	34.8	33.5	32.1	30.6	29.2	27.7	26.1
75°	49.0	48.3	47.4	46.0	44.6	43.0	41.2	39.3	37.3	35.3	33.4
72.5°	59.6	58.8	57.7	56.1	54.4	52.5	50.5	48.3	45.8	43.1	40.7
70°	69.8	68.9	67.9	66.5	64.7	62.7	60.3	57.6	54.8	52.0	49.0
67.5°	79.7	78.7	77.6	76.4	74.8	72.9	70.4	67.3	64.1	60.8	57.4
65°	90.9	89.6	88.1	86.8	85.2	83.2	80.6	77.7	74.2	70.2	65.8
62.5°	103.1	101.9	99.8	97.7	95.5	93.3	90.3	87.1	83.9	80.2	75.0
60°	114.2	113.1	110.5	107.8	105.2	102.4	99.1	95.7	92.3	88.2	83.5
57.5°	123.1	121.4	118.9	116.4	113.9	110.5	106.9	103.5	99.8	95.9	91.5
55°	130.8	128.9	126.3	123.6	120.6	117.2	113.7	109.9	106.3	103.1	98.6
52.5°	138.5	136.2	133.4	130.5	127.2	123.6	119.8	115.8	112.3	109.0	105.2
50°	147.1	144.0	140.7	137.3	133.8	129.9	125.7	121.5	118.2	114.7	110.9
47.5°	156.1	152.6	148.7	144.7	140.7	136.4	131.9	127.4	123.8	120.2	116.2
45°	166.8	162.3	157.3	152.8	148.0	143.3	138.4	133.7	129.1	125.1	121.3
42.5°	179.2	173.8	168.1	162.0	155.8	150.4	145.0	139.9	134.8	129.9	125.6
40°	194.8	186.9	180.3	172.7	165.4	158.0	152.1	146.0	140.4	134.9	129.8
37.5°	215.4	204.4	194.8	184.9	176.2	167.4	159.9	153.0	146.0	140.0	134.4
35°	243.2	227.8	212.8	200.0	188.2	177.9	168.3	160.2	152.6	145.3	138.9
32.5°	282.5	259.9	235.8	218.6	202.5	189.1	177.7	167.6	158.9	150.9	143.7
30°	344.1	304.3	270.1	241.1	220.2	202.0	187.3	175.4	165.2	156.3	148.2
27.5°	444.6	363.4	316.1	272.7	240.4	217.7	198.7	183.2	171.3	161.6	152.8
25°	607.5	470.5	374.8	314.8	268.1	234.4	210.9	192.5	177.9	166.4	156.0
22.5°	846.2	632.3	467.6	363.1	301.9	257.4	225.4	201.7	183.8	170.4	159.2
20°	1222.6	841.0	602.9	441.3	341.6	279.4	240.8	212.4	191.1	174.9	162.0
17.5°	1673.4	1163.8	756.0	525.5	393.1	311.1	258.7	222.7	197.5	178.9	164.4
15°	2127.7	1501.3	991.3	647.6	449.3	338.9	274.0	231.6	203.8	183.2	167.4
12.5°	2629.4	1863.0	1200.1	748.5	507.1	372.3	293.7	243.6	210.6	187.6	170.3
10°	3062.8	2200.8	1451.0	910.2	583.2	407.4	311.7	253.9	216.3	191.1	172.5
7.5°	3453.1	2489.4	1661.4	1036.4	642.2	435.2	326.1	262.1	220.6	193.7	174.1
5°	3730.0	2710.0	1830.7	1131.8	684.5	454.5	336.2	267.9	223.5	195.3	175.0
2.5°	3902.7	2842.7	1941.2	1188.4	705.1	465.1	342.5	271.2	225.8	197.1	175.5
0°	3918.5	2833.3	1956.7	1215.9	692.0	466.9	345.5	271.8	227.2	198.2	175.3
-2.5°	3902.7	2842.7	1941.2	1188.4	705.1	465.1	342.5	271.2	225.8	197.1	175.5
-5°	3730.0	2710.0	1830.7	1131.8	684.5	454.5	336.2	267.9	223.5	195.3	175.0
-7.5°	3453.1	2489.4	1661.4	1036.4	642.2	435.2	326.1	262.1	220.6	193.7	174.1
-10°	3062.8	2200.8	1451.0	910.2	583.2	407.4	311.7	253.9	216.3	191.1	172.5
-12.5°	2629.4	1863.0	1200.1	748.5	507.1	372.3	293.7	243.6	210.6	187.6	170.3
-15°	2127.7	1501.3	991.3	647.6	449.3	338.9	274.0	231.6	203.8	183.2	167.4
-17.5°	1673.4	1163.8	756.0	525.5	393.1	311.1	258.7	222.7	197.5	178.9	164.4
-20°	1222.6	841.0	602.9	441.3	341.6	279.4	240.8	212.4	191.1	174.9	162.0



Classified

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

Scaled Data Report



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	846.2	632.3	467.6	363.1	301.9	257.4	225.4	201.7	183.8	170.4	159.2
-25°	607.5	470.5	374.8	314.8	268.1	234.4	210.9	192.5	177.9	166.4	156.0
-27.5°	444.6	363.4	316.1	272.7	240.4	217.7	198.7	183.2	171.3	161.6	152.8
-30°	344.1	304.3	270.1	241.1	220.2	202.0	187.3	175.4	165.2	156.3	148.2
-32.5°	282.5	259.9	235.8	218.6	202.5	189.1	177.7	167.6	158.9	150.9	143.7
-35°	243.2	227.8	212.8	200.0	188.2	177.9	168.3	160.2	152.6	145.3	138.9
-37.5°	215.4	204.4	194.8	184.9	176.2	167.4	159.9	153.0	146.0	140.0	134.4
-40°	194.8	186.9	180.3	172.7	165.4	158.0	152.1	146.0	140.4	134.9	129.8
-42.5°	179.2	173.8	168.1	162.0	155.8	150.4	145.0	139.9	134.8	129.9	125.6
-45°	166.8	162.3	157.3	152.8	148.0	143.3	138.4	133.7	129.1	125.1	121.3
-47.5°	156.1	152.6	148.7	144.7	140.7	136.4	131.9	127.4	123.8	120.2	116.2
-50°	147.1	144.0	140.7	137.3	133.8	129.9	125.7	121.5	118.2	114.7	110.9
-52.5°	138.5	136.2	133.4	130.5	127.2	123.6	119.8	115.8	112.3	109.0	105.2
-55°	130.8	128.9	126.3	123.6	120.6	117.2	113.7	109.9	106.3	103.1	98.6
-57.5°	123.1	121.4	118.9	116.4	113.9	110.5	106.9	103.5	99.8	95.9	91.5
-60°	114.2	113.1	110.5	107.8	105.2	102.4	99.1	95.7	92.3	88.2	83.5
-62.5°	103.1	101.9	99.8	97.7	95.5	93.3	90.3	87.1	83.9	80.2	75.0
-65°	90.9	89.6	88.1	86.8	85.2	83.2	80.6	77.7	74.2	70.2	65.8
-67.5°	79.7	78.7	77.6	76.4	74.8	72.9	70.4	67.3	64.1	60.8	57.4
-70°	69.8	68.9	67.9	66.5	64.7	62.7	60.3	57.6	54.8	52.0	49.0
-72.5°	59.6	58.8	57.7	56.1	54.4	52.5	50.5	48.3	45.8	43.1	40.7
-75°	49.0	48.3	47.4	46.0	44.6	43.0	41.2	39.3	37.3	35.3	33.4
-77.5°	38.7	38.0	37.1	36.0	34.8	33.5	32.1	30.6	29.2	27.7	26.1
-80°	28.7	28.2	27.6	26.7	25.8	24.7	23.5	22.4	21.3	20.2	19.2
-82.5°	19.6	19.4	19.1	18.4	17.7	16.9	16.2	15.5	14.9	14.1	13.4
-85°	11.0	10.9	10.8	10.5	10.2	9.8	9.4	9.0	8.5	8.0	7.5
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-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°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	7.0	6.5	5.9	5.3	4.7	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	12.6	11.8	10.9	10.1	9.2	8.2	7.3	6.3	5.3	4.3	3.7
80°	18.2	17.1	15.9	14.8	13.6	12.3	11.1	9.7	8.3	6.9	5.6
77.5°	24.5	22.8	21.0	19.5	18.2	16.7	15.1	13.3	11.3	9.5	7.8
75°	31.4	29.3	27.2	25.1	23.1	21.1	19.3	17.1	14.6	12.1	10.0
72.5°	38.5	36.2	33.6	31.0	28.6	26.2	23.6	20.9	18.1	15.2	12.3
70°	46.0	43.1	40.2	37.3	34.2	31.2	28.3	25.0	21.5	18.2	14.9
67.5°	53.8	50.3	46.9	43.5	40.1	36.6	32.9	29.1	25.2	21.2	17.5
65°	61.8	57.7	53.5	49.8	45.9	41.9	37.9	33.3	28.8	24.4	20.1
62.5°	70.0	65.2	60.6	56.0	51.6	47.2	42.7	37.5	32.4	27.6	22.8
60°	78.2	72.7	67.5	62.4	57.3	52.4	47.3	41.6	36.1	30.7	25.5
57.5°	86.0	80.0	74.0	68.5	63.0	57.6	51.8	45.7	39.6	33.8	28.2
55°	93.6	87.5	80.5	74.2	68.4	62.6	56.2	49.7	43.1	36.8	30.8
52.5°	100.4	94.2	87.0	79.8	73.3	67.2	60.4	53.6	46.6	39.7	33.3
50°	106.5	100.2	93.0	85.3	78.0	71.2	64.4	57.2	50.0	42.5	35.7
47.5°	111.8	105.8	98.6	90.6	82.7	75.1	68.0	60.6	53.2	45.4	38.1
45°	116.5	111.1	103.9	95.8	87.1	79.1	71.4	63.8	56.1	48.2	40.3
42.5°	121.0	115.7	109.2	100.8	91.6	82.8	74.7	66.8	58.8	50.9	42.6
40°	125.0	119.7	114.1	105.5	95.8	86.4	77.8	69.6	61.4	53.3	44.7
37.5°	129.0	123.5	117.7	109.9	99.8	90.0	80.8	72.3	63.8	55.5	46.8
35°	133.1	127.2	120.8	113.4	103.6	93.3	83.5	74.7	66.2	57.5	48.7
32.5°	137.0	130.6	123.7	116.3	107.2	96.3	86.2	77.1	68.3	59.4	50.4
30°	140.8	133.3	126.3	119.3	110.3	99.3	88.8	79.4	70.3	61.2	52.0
27.5°	143.7	135.6	128.6	121.7	112.8	102.0	91.4	81.4	72.2	62.8	53.4
25°	146.4	137.9	130.5	123.5	115.4	104.9	93.7	83.3	73.9	64.3	54.7
22.5°	149.0	139.9	132.1	125.1	117.8	107.4	95.9	85.2	75.4	65.6	55.9
20°	151.3	141.5	133.4	126.6	119.4	109.4	98.0	86.9	76.7	66.8	56.9
17.5°	153.2	143.1	134.8	127.8	120.6	111.1	99.8	88.4	77.9	67.9	57.8
15°	155.2	144.8	136.0	128.7	121.5	112.5	101.3	89.6	78.9	68.7	58.6
12.5°	156.9	146.1	136.9	129.3	122.3	113.5	102.6	90.7	79.7	69.5	59.4
10°	158.2	146.9	137.6	129.7	123.0	114.3	103.6	91.6	80.7	70.3	60.1
7.5°	159.2	147.4	138.0	129.9	123.4	115.0	104.6	92.7	81.5	70.9	60.6
5°	159.8	147.5	138.2	130.3	123.7	115.7	105.3	93.5	82.2	71.3	60.9
2.5°	160.5	147.6	138.3	130.6	123.7	116.1	105.7	94.1	82.7	71.5	61.1
0°	160.8	147.3	138.0	130.7	123.5	116.2	105.8	94.4	83.0	71.6	61.2
-2.5°	160.5	147.6	138.3	130.6	123.7	116.1	105.7	94.1	82.7	71.5	61.1
-5°	159.8	147.5	138.2	130.3	123.7	115.7	105.3	93.5	82.2	71.3	60.9
-7.5°	159.2	147.4	138.0	129.9	123.4	115.0	104.6	92.7	81.5	70.9	60.6
-10°	158.2	146.9	137.6	129.7	123.0	114.3	103.6	91.6	80.7	70.3	60.1
-12.5°	156.9	146.1	136.9	129.3	122.3	113.5	102.6	90.7	79.7	69.5	59.4
-15°	155.2	144.8	136.0	128.7	121.5	112.5	101.3	89.6	78.9	68.7	58.6
-17.5°	153.2	143.1	134.8	127.8	120.6	111.1	99.8	88.4	77.9	67.9	57.8
-20°	151.3	141.5	133.4	126.6	119.4	109.4	98.0	86.9	76.7	66.8	56.9

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Scaled Data Report



REPORT NUMBER: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	149.0	139.9	132.1	125.1	117.8	107.4	95.9	85.2	75.4	65.6	55.9
-25°	146.4	137.9	130.5	123.5	115.4	104.9	93.7	83.3	73.9	64.3	54.7
-27.5°	143.7	135.6	128.6	121.7	112.8	102.0	91.4	81.4	72.2	62.8	53.4
-30°	140.8	133.3	126.3	119.3	110.3	99.3	88.8	79.4	70.3	61.2	52.0
-32.5°	137.0	130.6	123.7	116.3	107.2	96.3	86.2	77.1	68.3	59.4	50.4
-35°	133.1	127.2	120.8	113.4	103.6	93.3	83.5	74.7	66.2	57.5	48.7
-37.5°	129.0	123.5	117.7	109.9	99.8	90.0	80.8	72.3	63.8	55.5	46.8
-40°	125.0	119.7	114.1	105.5	95.8	86.4	77.8	69.6	61.4	53.3	44.7
-42.5°	121.0	115.7	109.2	100.8	91.6	82.8	74.7	66.8	58.8	50.9	42.6
-45°	116.5	111.1	103.9	95.8	87.1	79.1	71.4	63.8	56.1	48.2	40.3
-47.5°	111.8	105.8	98.6	90.6	82.7	75.1	68.0	60.6	53.2	45.4	38.1
-50°	106.5	100.2	93.0	85.3	78.0	71.2	64.4	57.2	50.0	42.5	35.7
-52.5°	100.4	94.2	87.0	79.8	73.3	67.2	60.4	53.6	46.6	39.7	33.3
-55°	93.6	87.5	80.5	74.2	68.4	62.6	56.2	49.7	43.1	36.8	30.8
-57.5°	86.0	80.0	74.0	68.5	63.0	57.6	51.8	45.7	39.6	33.8	28.2
-60°	78.2	72.7	67.5	62.4	57.3	52.4	47.3	41.6	36.1	30.7	25.5
-62.5°	70.0	65.2	60.6	56.0	51.6	47.2	42.7	37.5	32.4	27.6	22.8
-65°	61.8	57.7	53.5	49.8	45.9	41.9	37.9	33.3	28.8	24.4	20.1
-67.5°	53.8	50.3	46.9	43.5	40.1	36.6	32.9	29.1	25.2	21.2	17.5
-70°	46.0	43.1	40.2	37.3	34.2	31.2	28.3	25.0	21.5	18.2	14.9
-72.5°	38.5	36.2	33.6	31.0	28.6	26.2	23.6	20.9	18.1	15.2	12.3
-75°	31.4	29.3	27.2	25.1	23.1	21.1	19.3	17.1	14.6	12.1	10.0
-77.5°	24.5	22.8	21.0	19.5	18.2	16.7	15.1	13.3	11.3	9.5	7.8
-80°	18.2	17.1	15.9	14.8	13.6	12.3	11.1	9.7	8.3	6.9	5.6
-82.5°	12.6	11.8	10.9	10.1	9.2	8.2	7.3	6.3	5.3	4.3	3.7
-85°	7.0	6.5	5.9	5.3	4.7	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-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: P626655 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	6.2	4.6	3.5	2.7	1.8	0.9	0.0
75°	8.0	6.2	4.3	3.2	2.1	1.1	0.0
72.5°	9.8	7.7	5.5	3.7	2.5	1.2	0.0
70°	11.7	9.2	6.7	4.3	2.8	1.4	0.0
67.5°	13.9	10.7	7.9	5.2	3.1	1.6	0.0
65°	16.2	12.3	9.1	6.0	3.5	1.7	0.0
62.5°	18.3	14.1	10.2	6.9	3.8	1.9	0.0
60°	20.5	15.9	11.3	7.7	4.1	2.0	0.0
57.5°	22.7	17.6	12.7	8.5	4.6	2.2	0.0
55°	24.9	19.3	14.1	9.3	5.2	2.4	0.0
52.5°	27.0	21.0	15.4	10.1	5.7	2.5	0.0
50°	29.1	22.7	16.6	10.9	6.2	2.6	0.0
47.5°	31.0	24.3	17.9	11.6	6.7	2.8	0.0
45°	32.9	25.8	19.0	12.5	7.1	2.9	0.0
42.5°	34.8	27.3	20.2	13.3	7.6	3.0	0.0
40°	36.5	28.6	21.3	14.1	8.0	3.1	0.0
37.5°	38.2	29.9	22.3	14.9	8.4	3.3	0.0
35°	39.8	31.2	23.3	15.6	8.8	3.4	0.0
32.5°	41.3	32.4	24.2	16.2	9.1	3.5	0.0
30°	42.7	33.6	25.0	16.8	9.4	3.6	0.0
27.5°	44.0	34.6	25.8	17.3	9.7	3.6	0.0
25°	45.1	35.6	26.5	17.8	10.0	3.7	0.0
22.5°	46.1	36.5	27.1	18.2	10.3	3.8	0.0
20°	47.0	37.2	27.7	18.6	10.5	3.9	0.0
17.5°	47.9	37.9	28.3	18.9	10.7	3.9	0.0
15°	48.6	38.4	28.7	19.2	10.9	4.0	0.0
12.5°	49.2	38.8	29.1	19.4	11.1	4.0	0.0
10°	49.8	39.1	29.5	19.6	11.2	4.0	0.0
7.5°	50.2	39.3	29.7	19.7	11.3	4.1	0.0
5°	50.5	39.5	29.9	19.7	11.3	4.1	0.0
2.5°	50.7	39.5	30.1	19.7	11.4	4.1	0.0
0°	50.8	39.4	30.1	19.7	11.4	4.1	0.0
-2.5°	50.7	39.5	30.1	19.7	11.4	4.1	0.0
-5°	50.5	39.5	29.9	19.7	11.3	4.1	0.0
-7.5°	50.2	39.3	29.7	19.7	11.3	4.1	0.0
-10°	49.8	39.1	29.5	19.6	11.2	4.0	0.0
-12.5°	49.2	38.8	29.1	19.4	11.1	4.0	0.0
-15°	48.6	38.4	28.7	19.2	10.9	4.0	0.0
-17.5°	47.9	37.9	28.3	18.9	10.7	3.9	0.0
-20°	47.0	37.2	27.7	18.6	10.5	3.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.1	36.5	27.1	18.2	10.3	3.8	0.0
-25°	45.1	35.6	26.5	17.8	10.0	3.7	0.0
-27.5°	44.0	34.6	25.8	17.3	9.7	3.6	0.0
-30°	42.7	33.6	25.0	16.8	9.4	3.6	0.0
-32.5°	41.3	32.4	24.2	16.2	9.1	3.5	0.0
-35°	39.8	31.2	23.3	15.6	8.8	3.4	0.0
-37.5°	38.2	29.9	22.3	14.9	8.4	3.3	0.0
-40°	36.5	28.6	21.3	14.1	8.0	3.1	0.0
-42.5°	34.8	27.3	20.2	13.3	7.6	3.0	0.0
-45°	32.9	25.8	19.0	12.5	7.1	2.9	0.0
-47.5°	31.0	24.3	17.9	11.6	6.7	2.8	0.0
-50°	29.1	22.7	16.6	10.9	6.2	2.6	0.0
-52.5°	27.0	21.0	15.4	10.1	5.7	2.5	0.0
-55°	24.9	19.3	14.1	9.3	5.2	2.4	0.0
-57.5°	22.7	17.6	12.7	8.5	4.6	2.2	0.0
-60°	20.5	15.9	11.3	7.7	4.1	2.0	0.0
-62.5°	18.3	14.1	10.2	6.9	3.8	1.9	0.0
-65°	16.2	12.3	9.1	6.0	3.5	1.7	0.0
-67.5°	13.9	10.7	7.9	5.2	3.1	1.6	0.0
-70°	11.7	9.2	6.7	4.3	2.8	1.4	0.0
-72.5°	9.8	7.7	5.5	3.7	2.5	1.2	0.0
-75°	8.0	6.2	4.3	3.2	2.1	1.1	0.0
-77.5°	6.2	4.6	3.5	2.7	1.8	0.9	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)