

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: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1E-727-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N12  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

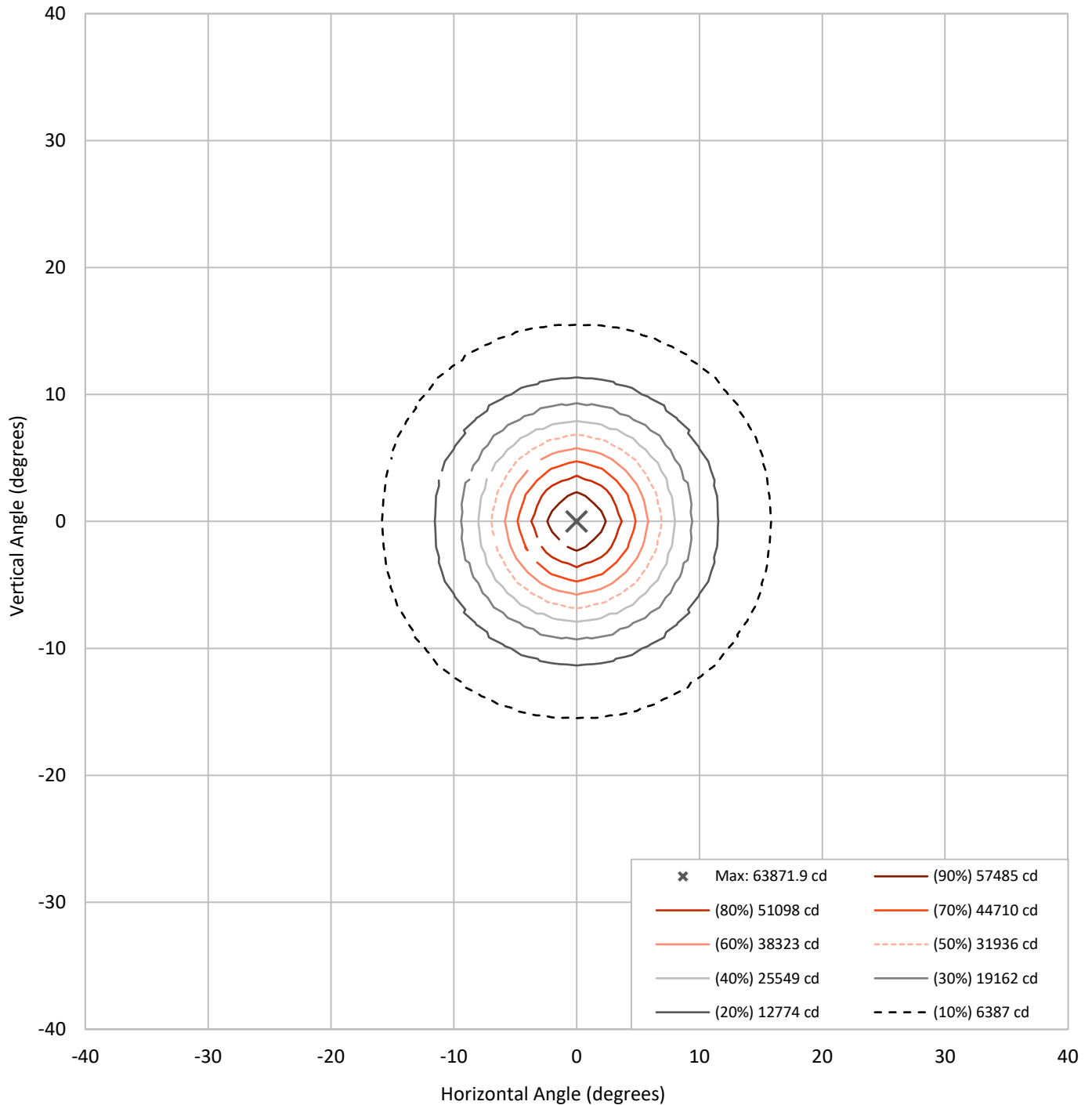
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	6782.3 lumens	Max Intensity:	63871.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2005.2 lumens	Field Lumens:	4512.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	66.2		
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





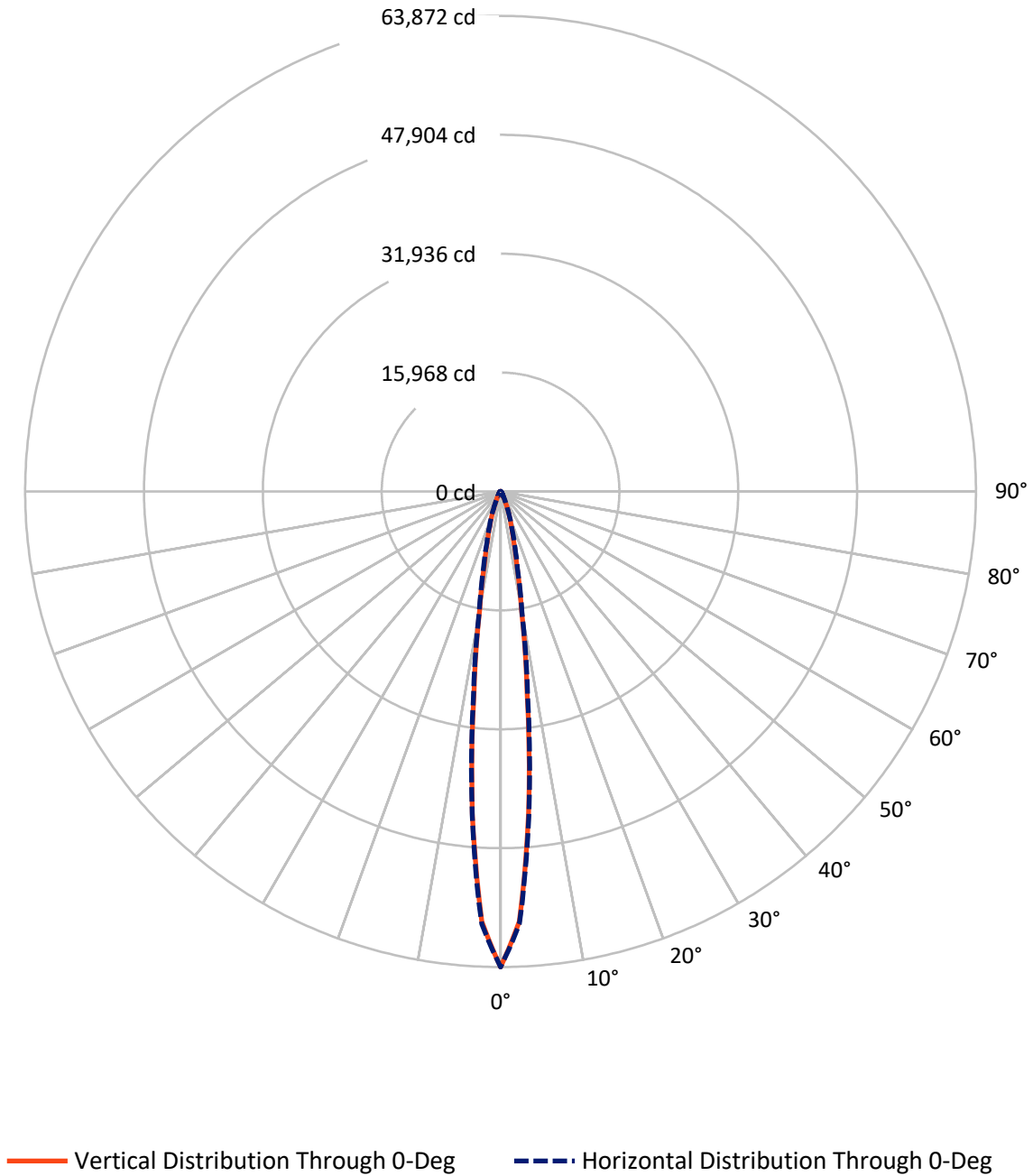
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### Lumen Table

90	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
80	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
70	0.4	0.5	1.0	1.6	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.6	1.0	0.5	0.4
60		0.7	1.5	2.4	3.2	3.9	4.4	4.6	4.6	4.4	3.9	3.2	2.4	1.5	0.7	
50	0.7	0.9	1.9	2.9	3.9	4.9	5.8	6.3	6.3	5.8	4.9	3.9	2.9	1.9	0.9	0.7
40		1.1	2.2	3.4	4.8	6.9	9.8	12.1	12.1	9.8	6.9	4.8	3.4	2.2	1.1	
30	1.0	1.3	2.5	3.8	6.2	12.4	28.2	46.7	46.7	28.2	12.4	6.2	3.8	2.5	1.3	1.0
20		1.4	2.6	4.2	8.3	26.3	93.4	201.2	201.2	93.4	26.3	8.3	4.2	2.6	1.4	
10	1.0	1.4	2.6	4.5	10.0	43.4	203.1	877.4	877.4	203.1	43.4	10.0	4.5	2.6	1.4	1.0
0		1.4	2.6	4.5	10.0	43.4	203.1	877.4	877.4	203.1	43.4	10.0	4.5	2.6	1.4	
-10	1.0	1.4	2.6	4.2	8.3	26.3	93.4	201.2	201.2	93.4	26.3	8.3	4.2	2.6	1.4	1.0
-20		1.3	2.5	3.8	6.2	12.4	28.2	46.7	46.7	28.2	12.4	6.2	3.8	2.5	1.3	
-30	0.7	1.1	2.2	3.4	4.8	6.9	9.8	12.1	12.1	9.8	6.9	4.8	3.4	2.2	1.1	0.7
-40		0.9	1.9	2.9	3.9	4.9	5.8	6.3	6.3	5.8	4.9	3.9	2.9	1.9	0.9	
-50	0.4	0.7	1.5	2.4	3.2	3.9	4.4	4.6	4.6	4.4	3.9	3.2	2.4	1.5	0.7	0.4
-60		0.5	1.0	1.6	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.6	1.0	0.5	
-70	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							
-80		0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1						
-90	0.1	0.9	2.4	3.9	4.3	3.9	2.4	0.9	0.1							

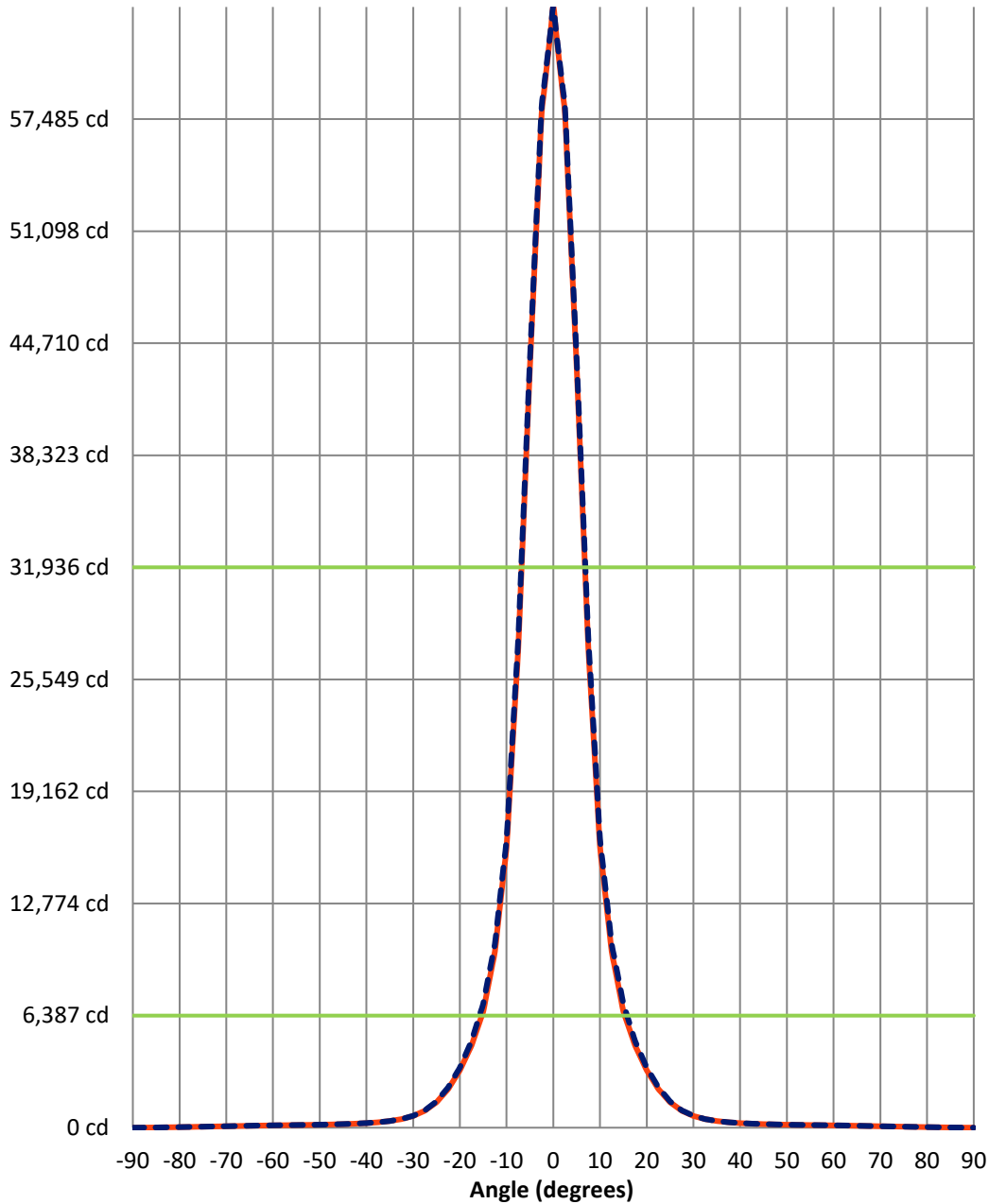
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 2005.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 4512.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 2269.7  
 Efficiency: 33.5%

— 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	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
85°	0.0	0.4	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
82.5°	0.0	0.6	1.4	2.1	2.9	3.6	4.3	4.9	5.7	6.7	7.7
80°	0.0	0.8	1.9	2.9	3.8	4.7	5.7	7.1	8.5	9.8	11.1
77.5°	0.0	1.0	2.4	3.6	4.7	6.1	7.8	9.5	11.2	12.9	14.7
75°	0.0	1.2	2.8	4.3	5.7	7.7	9.9	11.9	14.0	16.3	18.6
72.5°	0.0	1.4	3.3	4.9	7.0	9.3	11.9	14.4	17.2	19.9	22.5
70°	0.0	1.6	3.7	5.7	8.2	10.9	13.9	17.2	20.3	23.4	26.8
67.5°	0.0	1.8	4.1	6.5	9.4	12.5	16.2	19.9	23.4	27.3	31.2
65°	0.0	2.0	4.5	7.4	10.5	14.1	18.4	22.5	26.8	31.2	35.7
62.5°	0.0	2.2	4.9	8.2	11.7	16.0	20.6	25.4	30.2	35.1	40.9
60°	0.0	2.4	5.3	9.0	12.8	17.8	22.8	28.3	33.5	39.5	45.9
57.5°	0.0	2.5	5.8	9.8	14.1	19.5	25.1	31.1	37.2	43.8	50.7
55°	0.0	2.7	6.3	10.5	15.5	21.2	27.5	33.8	40.8	47.9	55.4
52.5°	0.0	2.8	6.7	11.2	16.8	22.9	29.7	36.8	44.3	51.9	59.8
50°	0.0	3.0	7.2	11.9	18.1	24.7	31.9	39.6	47.6	55.7	64.1
47.5°	0.0	3.1	7.6	12.6	19.3	26.5	34.0	42.4	50.7	59.3	68.3
45°	0.0	3.2	8.1	13.5	20.5	28.1	36.3	45.1	53.8	63.0	72.4
42.5°	0.0	3.4	8.5	14.3	21.6	29.7	38.5	47.6	56.7	66.5	76.3
40°	0.0	3.5	8.9	15.1	22.7	31.2	40.6	50.1	59.6	70.0	80.2
37.5°	0.0	3.6	9.3	15.9	23.9	32.7	42.5	52.4	62.4	73.2	84.0
35°	0.0	3.7	9.6	16.7	25.0	34.2	44.4	54.5	65.1	76.3	87.6
32.5°	0.0	3.8	10.0	17.4	26.0	35.6	46.1	56.6	67.6	79.1	90.7
30°	0.0	3.9	10.3	18.0	26.9	37.0	47.8	58.5	69.8	81.8	93.6
27.5°	0.0	3.9	10.6	18.6	27.8	38.2	49.3	60.3	71.9	84.2	96.2
25°	0.0	4.0	10.9	19.2	28.7	39.4	50.6	62.0	73.9	86.4	98.4
22.5°	0.0	4.0	11.1	19.7	29.5	40.4	51.9	63.4	75.6	88.2	100.4
20°	0.0	4.1	11.4	20.2	30.1	41.3	53.0	64.7	77.2	89.8	102.2
17.5°	0.0	4.1	11.6	20.6	30.8	42.0	53.9	65.8	78.6	91.1	103.8
15°	0.0	4.1	11.8	20.9	31.3	42.7	54.6	66.8	79.7	92.2	105.1
12.5°	0.0	4.2	11.9	21.2	31.8	43.2	55.2	67.6	80.7	93.1	106.3
10°	0.0	4.2	12.1	21.5	32.1	43.5	55.7	68.4	81.4	94.0	107.4
7.5°	0.0	4.2	12.2	21.7	32.4	43.8	56.0	69.0	81.9	94.8	108.6
5°	0.0	4.1	12.2	21.8	32.6	43.9	56.2	69.4	82.2	95.3	109.6
2.5°	0.0	4.1	12.3	21.9	32.8	43.9	56.2	69.7	82.3	95.7	110.3
0°	0.0	4.1	12.3	21.9	32.8	43.8	56.1	69.8	82.1	95.8	110.8
-2.5°	0.0	4.1	12.3	21.9	32.8	43.9	56.2	69.7	82.3	95.7	110.3
-5°	0.0	4.1	12.2	21.8	32.6	43.9	56.2	69.4	82.2	95.3	109.6
-7.5°	0.0	4.2	12.2	21.7	32.4	43.8	56.0	69.0	81.9	94.8	108.6
-10°	0.0	4.2	12.1	21.5	32.1	43.5	55.7	68.4	81.4	94.0	107.4
-12.5°	0.0	4.2	11.9	21.2	31.8	43.2	55.2	67.6	80.7	93.1	106.3
-15°	0.0	4.1	11.8	20.9	31.3	42.7	54.6	66.8	79.7	92.2	105.1
-17.5°	0.0	4.1	11.6	20.6	30.8	42.0	53.9	65.8	78.6	91.1	103.8
-20°	0.0	4.1	11.4	20.2	30.1	41.3	53.0	64.7	77.2	89.8	102.2

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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	4.0	11.1	19.7	29.5	40.4	51.9	63.4	75.6	88.2	100.4
-25°	0.0	4.0	10.9	19.2	28.7	39.4	50.6	62.0	73.9	86.4	98.4
-27.5°	0.0	3.9	10.6	18.6	27.8	38.2	49.3	60.3	71.9	84.2	96.2
-30°	0.0	3.9	10.3	18.0	26.9	37.0	47.8	58.5	69.8	81.8	93.6
-32.5°	0.0	3.8	10.0	17.4	26.0	35.6	46.1	56.6	67.6	79.1	90.7
-35°	0.0	3.7	9.6	16.7	25.0	34.2	44.4	54.5	65.1	76.3	87.6
-37.5°	0.0	3.6	9.3	15.9	23.9	32.7	42.5	52.4	62.4	73.2	84.0
-40°	0.0	3.5	8.9	15.1	22.7	31.2	40.6	50.1	59.6	70.0	80.2
-42.5°	0.0	3.4	8.5	14.3	21.6	29.7	38.5	47.6	56.7	66.5	76.3
-45°	0.0	3.2	8.1	13.5	20.5	28.1	36.3	45.1	53.8	63.0	72.4
-47.5°	0.0	3.1	7.6	12.6	19.3	26.5	34.0	42.4	50.7	59.3	68.3
-50°	0.0	3.0	7.2	11.9	18.1	24.7	31.9	39.6	47.6	55.7	64.1
-52.5°	0.0	2.8	6.7	11.2	16.8	22.9	29.7	36.8	44.3	51.9	59.8
-55°	0.0	2.7	6.3	10.5	15.5	21.2	27.5	33.8	40.8	47.9	55.4
-57.5°	0.0	2.5	5.8	9.8	14.1	19.5	25.1	31.1	37.2	43.8	50.7
-60°	0.0	2.4	5.3	9.0	12.8	17.8	22.8	28.3	33.5	39.5	45.9
-62.5°	0.0	2.2	4.9	8.2	11.7	16.0	20.6	25.4	30.2	35.1	40.9
-65°	0.0	2.0	4.5	7.4	10.5	14.1	18.4	22.5	26.8	31.2	35.7
-67.5°	0.0	1.8	4.1	6.5	9.4	12.5	16.2	19.9	23.4	27.3	31.2
-70°	0.0	1.6	3.7	5.7	8.2	10.9	13.9	17.2	20.3	23.4	26.8
-72.5°	0.0	1.4	3.3	4.9	7.0	9.3	11.9	14.4	17.2	19.9	22.5
-75°	0.0	1.2	2.8	4.3	5.7	7.7	9.9	11.9	14.0	16.3	18.6
-77.5°	0.0	1.0	2.4	3.6	4.7	6.1	7.8	9.5	11.2	12.9	14.7
-80°	0.0	0.8	1.9	2.9	3.8	4.7	5.7	7.1	8.5	9.8	11.1
-82.5°	0.0	0.6	1.4	2.1	2.9	3.6	4.3	4.9	5.7	6.7	7.7
-85°	0.0	0.4	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
85°	5.1	5.5	6.1	6.7	7.2	7.6	8.0	8.3	8.9	9.5	10.1
82.5°	8.6	9.6	10.5	11.4	12.0	12.5	12.9	13.6	14.8	16.0	17.1
80°	12.4	13.6	15.1	16.5	17.6	18.8	20.1	21.3	22.7	23.9	25.1
77.5°	16.5	18.4	20.1	21.9	23.6	25.5	27.3	29.0	30.6	32.2	33.7
75°	20.9	23.1	25.5	27.8	30.1	32.4	34.5	36.9	39.1	41.3	43.3
72.5°	25.4	28.3	31.1	33.9	36.9	39.8	42.7	45.4	48.1	50.9	53.8
70°	30.2	33.5	37.2	40.8	44.1	47.6	51.1	54.2	57.0	60.9	64.8
67.5°	35.2	39.7	43.9	47.9	52.3	56.5	60.0	63.9	68.0	72.4	76.3
65°	41.0	45.9	50.8	55.9	61.0	65.3	69.8	74.6	79.2	83.6	87.8
62.5°	46.8	52.4	58.0	63.5	68.8	74.0	79.4	84.6	89.7	94.9	99.4
60°	52.4	58.7	64.6	70.4	76.4	82.8	88.8	94.6	100.7	106.5	109.6
57.5°	57.8	64.5	70.7	77.2	84.2	91.4	97.7	104.4	109.6	113.6	117.6
55°	62.9	69.8	76.6	83.9	91.5	99.1	106.1	112.0	116.8	120.5	124.7
52.5°	67.6	74.9	82.3	90.3	98.4	106.4	113.8	119.3	123.6	127.4	131.4
50°	72.2	80.0	87.7	96.5	105.2	113.7	120.9	126.0	130.1	134.0	138.0
47.5°	76.8	84.9	93.3	102.6	112.1	120.3	127.1	131.7	135.9	140.5	144.9
45°	81.3	90.1	99.0	109.0	118.5	126.4	132.1	136.8	141.9	146.9	151.6
42.5°	85.7	95.1	104.8	115.2	124.3	131.4	136.8	142.3	147.9	153.1	158.5
40°	90.1	100.0	110.3	120.5	129.7	135.9	141.6	147.5	153.6	159.4	165.3
37.5°	94.4	104.6	115.1	125.5	133.9	140.2	146.1	152.6	159.1	165.3	173.0
35°	98.4	108.8	119.4	129.4	137.5	144.0	150.6	157.5	164.3	172.3	181.1
32.5°	102.0	112.5	123.3	132.6	140.6	147.5	155.0	162.2	170.3	179.4	190.0
30°	105.0	115.8	126.6	135.8	143.5	150.9	158.9	166.9	176.3	187.3	199.9
27.5°	107.7	118.7	129.2	138.4	146.3	153.6	162.1	172.1	183.0	195.3	210.0
25°	110.2	121.7	131.7	140.9	148.5	156.2	165.3	176.3	189.4	204.2	222.2
22.5°	112.5	124.6	134.3	143.2	150.2	158.5	168.8	180.8	195.0	212.4	234.3
20°	114.8	126.7	136.3	145.0	151.5	160.6	171.9	184.7	200.8	221.5	246.9
17.5°	116.8	128.5	137.9	146.0	153.2	162.8	174.6	187.9	205.9	229.9	258.6
15°	118.7	130.1	139.2	146.9	154.8	165.1	177.4	191.9	211.5	237.9	268.9
12.5°	120.4	131.3	140.1	147.6	156.0	166.9	180.0	196.0	217.6	245.7	281.9
10°	121.8	132.3	140.8	148.1	156.9	168.4	182.1	199.3	222.4	251.8	291.9
7.5°	123.0	133.0	141.3	148.3	157.5	169.4	183.7	201.9	225.8	256.1	299.1
5°	123.8	133.6	141.8	149.1	158.4	170.2	184.9	203.6	227.7	258.6	303.6
2.5°	124.3	134.0	142.2	149.9	159.4	170.9	185.8	205.5	229.3	261.1	307.1
0°	124.5	134.1	142.3	150.5	160.1	171.1	186.1	206.6	229.9	262.7	309.3
-2.5°	124.3	134.0	142.2	149.9	159.4	170.9	185.8	205.5	229.3	261.1	307.1
-5°	123.8	133.6	141.8	149.1	158.4	170.2	184.9	203.6	227.7	258.6	303.6
-7.5°	123.0	133.0	141.3	148.3	157.5	169.4	183.7	201.9	225.8	256.1	299.1
-10°	121.8	132.3	140.8	148.1	156.9	168.4	182.1	199.3	222.4	251.8	291.9
-12.5°	120.4	131.3	140.1	147.6	156.0	166.9	180.0	196.0	217.6	245.7	281.9
-15°	118.7	130.1	139.2	146.9	154.8	165.1	177.4	191.9	211.5	237.9	268.9
-17.5°	116.8	128.5	137.9	146.0	153.2	162.8	174.6	187.9	205.9	229.9	258.6
-20°	114.8	126.7	136.3	145.0	151.5	160.6	171.9	184.7	200.8	221.5	246.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	112.5	124.6	134.3	143.2	150.2	158.5	168.8	180.8	195.0	212.4	234.3
-25°	110.2	121.7	131.7	140.9	148.5	156.2	165.3	176.3	189.4	204.2	222.2
-27.5°	107.7	118.7	129.2	138.4	146.3	153.6	162.1	172.1	183.0	195.3	210.0
-30°	105.0	115.8	126.6	135.8	143.5	150.9	158.9	166.9	176.3	187.3	199.9
-32.5°	102.0	112.5	123.3	132.6	140.6	147.5	155.0	162.2	170.3	179.4	190.0
-35°	98.4	108.8	119.4	129.4	137.5	144.0	150.6	157.5	164.3	172.3	181.1
-37.5°	94.4	104.6	115.1	125.5	133.9	140.2	146.1	152.6	159.1	165.3	173.0
-40°	90.1	100.0	110.3	120.5	129.7	135.9	141.6	147.5	153.6	159.4	165.3
-42.5°	85.7	95.1	104.8	115.2	124.3	131.4	136.8	142.3	147.9	153.1	158.5
-45°	81.3	90.1	99.0	109.0	118.5	126.4	132.1	136.8	141.9	146.9	151.6
-47.5°	76.8	84.9	93.3	102.6	112.1	120.3	127.1	131.7	135.9	140.5	144.9
-50°	72.2	80.0	87.7	96.5	105.2	113.7	120.9	126.0	130.1	134.0	138.0
-52.5°	67.6	74.9	82.3	90.3	98.4	106.4	113.8	119.3	123.6	127.4	131.4
-55°	62.9	69.8	76.6	83.9	91.5	99.1	106.1	112.0	116.8	120.5	124.7
-57.5°	57.8	64.5	70.7	77.2	84.2	91.4	97.7	104.4	109.6	113.6	117.6
-60°	52.4	58.7	64.6	70.4	76.4	82.8	88.8	94.6	100.7	106.5	109.6
-62.5°	46.8	52.4	58.0	63.5	68.8	74.0	79.4	84.6	89.7	94.9	99.4
-65°	41.0	45.9	50.8	55.9	61.0	65.3	69.8	74.6	79.2	83.6	87.8
-67.5°	35.2	39.7	43.9	47.9	52.3	56.5	60.0	63.9	68.0	72.4	76.3
-70°	30.2	33.5	37.2	40.8	44.1	47.6	51.1	54.2	57.0	60.9	64.8
-72.5°	25.4	28.3	31.1	33.9	36.9	39.8	42.7	45.4	48.1	50.9	53.8
-75°	20.9	23.1	25.5	27.8	30.1	32.4	34.5	36.9	39.1	41.3	43.3
-77.5°	16.5	18.4	20.1	21.9	23.6	25.5	27.3	29.0	30.6	32.2	33.7
-80°	12.4	13.6	15.1	16.5	17.6	18.8	20.1	21.3	22.7	23.9	25.1
-82.5°	8.6	9.6	10.5	11.4	12.0	12.5	12.9	13.6	14.8	16.0	17.1
-85°	5.1	5.5	6.1	6.7	7.2	7.6	8.0	8.3	8.9	9.5	10.1
-87.5°	2.5	2.7	3.0	3.2	3.3	3.5	3.7	3.9	4.1	4.2	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-NR-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.0	4.7
85°	10.7	11.1	11.5	11.8	12.2	12.4	12.7	12.9	13.1	13.0	12.8
82.5°	18.1	18.8	19.4	20.0	20.6	21.1	21.6	22.0	22.3	22.3	22.2
80°	26.3	27.4	28.6	29.8	30.9	31.6	32.1	32.5	32.7	32.8	32.9
77.5°	35.2	37.1	39.0	40.8	42.7	43.7	44.5	45.1	45.6	45.7	45.6
75°	45.2	47.6	50.2	52.5	54.4	55.6	56.4	57.1	57.7	57.9	57.8
72.5°	56.9	59.8	62.1	64.0	65.7	66.9	68.0	68.9	69.6	69.9	69.9
70°	68.3	71.2	73.4	75.3	76.9	78.3	79.5	80.6	81.4	82.1	82.6
67.5°	79.9	83.2	85.4	87.2	88.5	89.9	91.6	93.0	94.2	95.1	95.5
65°	91.8	95.1	97.3	99.2	100.9	102.7	104.6	105.9	106.8	107.4	107.7
62.5°	103.3	106.4	109.2	111.7	114.2	116.2	117.5	118.6	119.6	120.4	121.0
60°	113.2	117.2	120.3	122.7	125.1	127.4	129.0	130.2	131.2	131.9	132.3
57.5°	121.6	125.7	129.3	131.7	134.3	137.0	138.8	139.9	140.9	141.7	142.1
55°	129.0	132.7	136.1	139.3	142.2	144.7	146.6	148.1	149.3	150.2	150.5
52.5°	135.6	139.7	143.6	147.1	149.9	152.3	154.2	156.0	157.3	158.2	158.6
50°	142.6	147.0	151.2	155.0	157.9	160.6	162.9	165.0	167.0	168.5	169.7
47.5°	149.5	154.2	158.8	163.0	166.5	170.3	173.8	176.7	179.6	181.9	183.5
45°	156.4	161.8	166.9	172.2	177.0	182.0	186.7	190.8	194.9	198.0	200.1
42.5°	164.1	170.3	176.3	183.0	189.5	196.1	203.2	209.5	214.4	219.0	222.7
40°	172.3	179.4	187.3	195.5	205.0	213.7	223.2	231.4	238.8	246.7	253.0
37.5°	181.1	190.0	200.4	211.3	223.6	235.5	248.0	260.2	271.0	283.6	293.2
35°	190.9	202.6	215.4	230.2	245.6	262.6	279.7	299.4	316.3	335.0	351.3
32.5°	202.3	216.4	233.2	252.6	272.4	298.3	322.4	353.8	380.9	410.6	440.3
30°	214.1	232.5	254.2	278.7	310.2	345.7	385.3	432.0	480.1	526.7	582.8
27.5°	228.8	250.9	277.2	313.0	359.4	407.4	475.5	545.5	634.0	707.2	810.3
25°	244.0	270.1	307.4	356.1	416.6	499.9	603.2	715.2	870.9	1007.7	1168.1
22.5°	260.6	295.8	342.2	402.3	494.0	621.9	778.4	989.2	1218.8	1462.6	1705.0
20°	277.8	320.5	381.3	468.4	594.2	767.5	1036.1	1361.6	1689.6	2091.8	2447.9
17.5°	297.8	352.1	427.0	536.0	703.9	969.3	1341.9	1796.3	2305.2	2883.5	3396.9
15°	314.4	379.2	473.8	626.2	857.2	1198.0	1667.9	2293.0	3057.7	3834.3	4622.4
12.5°	333.8	408.7	519.8	701.5	991.6	1444.5	2084.1	2875.3	3830.3	4907.6	6177.6
10°	350.9	437.6	575.7	800.7	1155.2	1701.6	2477.9	3429.8	4662.2	6212.2	8178.9
7.5°	363.7	460.6	618.9	876.2	1296.6	1948.8	2849.9	4036.9	5603.0	7649.6	10348.8
5°	371.9	477.3	649.5	934.4	1407.3	2132.8	3122.6	4467.6	6356.8	9251.6	13822.2
2.5°	376.9	487.2	667.0	968.5	1474.6	2254.7	3330.0	4793.1	6845.4	10241.6	16056.2
0°	379.1	489.9	677.4	986.7	1497.1	2301.8	3425.3	4941.5	7064.0	10472.9	16449.0
-2.5°	376.9	487.2	667.0	968.5	1474.6	2254.7	3330.0	4793.1	6845.4	10241.6	16056.2
-5°	371.9	477.3	649.5	934.4	1407.3	2132.8	3122.6	4467.6	6356.8	9251.6	13822.2
-7.5°	363.7	460.6	618.9	876.2	1296.6	1948.8	2849.9	4036.9	5603.0	7649.6	10348.8
-10°	350.9	437.6	575.7	800.7	1155.2	1701.6	2477.9	3429.8	4662.2	6212.2	8178.9
-12.5°	333.8	408.7	519.8	701.5	991.6	1444.5	2084.1	2875.3	3830.3	4907.6	6177.6
-15°	314.4	379.2	473.8	626.2	857.2	1198.0	1667.9	2293.0	3057.7	3834.3	4622.4
-17.5°	297.8	352.1	427.0	536.0	703.9	969.3	1341.9	1796.3	2305.2	2883.5	3396.9
-20°	277.8	320.5	381.3	468.4	594.2	767.5	1036.1	1361.6	1689.6	2091.8	2447.9



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	260.6	295.8	342.2	402.3	494.0	621.9	778.4	989.2	1218.8	1462.6	1705.0
-25°	244.0	270.1	307.4	356.1	416.6	499.9	603.2	715.2	870.9	1007.7	1168.1
-27.5°	228.8	250.9	277.2	313.0	359.4	407.4	475.5	545.5	634.0	707.2	810.3
-30°	214.1	232.5	254.2	278.7	310.2	345.7	385.3	432.0	480.1	526.7	582.8
-32.5°	202.3	216.4	233.2	252.6	272.4	298.3	322.4	353.8	380.9	410.6	440.3
-35°	190.9	202.6	215.4	230.2	245.6	262.6	279.7	299.4	316.3	335.0	351.3
-37.5°	181.1	190.0	200.4	211.3	223.6	235.5	248.0	260.2	271.0	283.6	293.2
-40°	172.3	179.4	187.3	195.5	205.0	213.7	223.2	231.4	238.8	246.7	253.0
-42.5°	164.1	170.3	176.3	183.0	189.5	196.1	203.2	209.5	214.4	219.0	222.7
-45°	156.4	161.8	166.9	172.2	177.0	182.0	186.7	190.8	194.9	198.0	200.1
-47.5°	149.5	154.2	158.8	163.0	166.5	170.3	173.8	176.7	179.6	181.9	183.5
-50°	142.6	147.0	151.2	155.0	157.9	160.6	162.9	165.0	167.0	168.5	169.7
-52.5°	135.6	139.7	143.6	147.1	149.9	152.3	154.2	156.0	157.3	158.2	158.6
-55°	129.0	132.7	136.1	139.3	142.2	144.7	146.6	148.1	149.3	150.2	150.5
-57.5°	121.6	125.7	129.3	131.7	134.3	137.0	138.8	139.9	140.9	141.7	142.1
-60°	113.2	117.2	120.3	122.7	125.1	127.4	129.0	130.2	131.2	131.9	132.3
-62.5°	103.3	106.4	109.2	111.7	114.2	116.2	117.5	118.6	119.6	120.4	121.0
-65°	91.8	95.1	97.3	99.2	100.9	102.7	104.6	105.9	106.8	107.4	107.7
-67.5°	79.9	83.2	85.4	87.2	88.5	89.9	91.6	93.0	94.2	95.1	95.5
-70°	68.3	71.2	73.4	75.3	76.9	78.3	79.5	80.6	81.4	82.1	82.6
-72.5°	56.9	59.8	62.1	64.0	65.7	66.9	68.0	68.9	69.6	69.9	69.9
-75°	45.2	47.6	50.2	52.5	54.4	55.6	56.4	57.1	57.7	57.9	57.8
-77.5°	35.2	37.1	39.0	40.8	42.7	43.7	44.5	45.1	45.6	45.7	45.6
-80°	26.3	27.4	28.6	29.8	30.9	31.6	32.1	32.5	32.7	32.8	32.9
-82.5°	18.1	18.8	19.4	20.0	20.6	21.1	21.6	22.0	22.3	22.3	22.2
-85°	10.7	11.1	11.5	11.8	12.2	12.4	12.7	12.9	13.1	13.0	12.8
-87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.0	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-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°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.3	5.2
85°	12.5	12.2	12.3	12.3	12.3	12.2	12.5	12.8	13.0	13.1	12.9
82.5°	22.0	21.8	21.9	21.9	21.9	21.8	22.0	22.2	22.3	22.3	22.0
80°	32.8	32.6	32.1	31.5	32.1	32.6	32.8	32.9	32.8	32.7	32.5
77.5°	45.4	45.0	44.5	43.8	44.5	45.0	45.4	45.6	45.7	45.6	45.1
75°	57.6	57.3	57.4	57.5	57.4	57.3	57.6	57.8	57.9	57.7	57.1
72.5°	69.8	69.5	69.7	69.8	69.7	69.5	69.8	69.9	69.9	69.6	68.9
70°	82.9	83.1	82.7	82.1	82.7	83.1	82.9	82.6	82.1	81.4	80.6
67.5°	95.6	95.5	95.0	94.4	95.0	95.5	95.6	95.5	95.1	94.2	93.0
65°	107.9	107.7	108.0	108.1	108.0	107.7	107.9	107.7	107.4	106.8	105.9
62.5°	121.3	121.3	121.0	120.4	121.0	121.3	121.3	121.0	120.4	119.6	118.6
60°	132.5	132.4	132.0	131.4	132.0	132.4	132.5	132.3	131.9	131.2	130.2
57.5°	142.2	142.0	141.6	141.0	141.6	142.0	142.2	142.1	141.7	140.9	139.9
55°	150.5	150.3	149.9	149.2	149.9	150.3	150.5	150.5	150.2	149.3	148.1
52.5°	158.7	158.5	158.6	158.7	158.6	158.5	158.7	158.6	158.2	157.3	156.0
50°	170.4	170.6	170.4	169.7	170.4	170.6	170.4	169.7	168.5	167.0	165.0
47.5°	184.2	184.3	184.0	183.4	184.0	184.3	184.2	183.5	181.9	179.6	176.7
45°	201.8	202.8	203.1	202.5	203.1	202.8	201.8	200.1	198.0	194.9	190.8
42.5°	225.6	227.1	227.6	227.2	227.6	227.1	225.6	222.7	219.0	214.4	209.5
40°	256.8	258.6	258.9	258.6	258.9	258.6	256.8	253.0	246.7	238.8	231.4
37.5°	300.0	304.3	306.3	306.5	306.3	304.3	300.0	293.2	283.6	271.0	260.2
35°	363.6	372.3	376.9	379.1	376.9	372.3	363.6	351.3	335.0	316.3	299.4
32.5°	462.9	480.2	489.7	488.5	489.7	480.2	462.9	440.3	410.6	380.9	353.8
30°	625.2	655.3	670.5	666.4	670.5	655.3	625.2	582.8	526.7	480.1	432.0
27.5°	884.5	938.9	970.3	966.1	970.3	938.9	884.5	810.3	707.2	634.0	545.5
25°	1302.2	1401.4	1464.9	1449.2	1464.9	1401.4	1302.2	1168.1	1007.7	870.9	715.2
22.5°	1937.5	2105.7	2216.9	2203.2	2216.9	2105.7	1937.5	1705.0	1462.6	1218.8	989.2
20°	2809.1	3065.0	3247.8	3272.0	3247.8	3065.0	2809.1	2447.9	2091.8	1689.6	1361.6
17.5°	3951.6	4357.4	4639.9	4687.0	4639.9	4357.4	3951.6	3396.9	2883.5	2305.2	1796.3
15°	5436.4	6099.6	6579.7	6619.3	6579.7	6099.6	5436.4	4622.4	3834.3	3057.7	2293.0
12.5°	7452.5	8786.5	9657.2	10040.5	9657.2	8786.5	7452.5	6177.6	4907.6	3830.3	2875.3
10°	10242.7	13306.9	15269.3	16007.0	15269.3	13306.9	10242.7	8178.9	6212.2	4662.2	3429.8
7.5°	14903.2	19714.1	25062.5	27342.0	25062.5	19714.1	14903.2	10348.8	7649.6	5603.0	4036.9
5°	20180.9	30165.3	39662.3	43370.9	39662.3	30165.3	20180.9	13822.2	9251.6	6356.8	4467.6
2.5°	25734.4	39651.2	52692.4	57792.5	52692.4	39651.2	25734.4	16056.2	10241.6	6845.4	4793.1
0°	27903.1	43804.7	58153.1	63871.9	58153.1	43804.7	27903.1	16449.0	10472.9	7064.0	4941.5
-2.5°	25734.4	39651.2	52692.4	57792.5	52692.4	39651.2	25734.4	16056.2	10241.6	6845.4	4793.1
-5°	20180.9	30165.3	39662.3	43370.9	39662.3	30165.3	20180.9	13822.2	9251.6	6356.8	4467.6
-7.5°	14903.2	19714.1	25062.5	27342.0	25062.5	19714.1	14903.2	10348.8	7649.6	5603.0	4036.9
-10°	10242.7	13306.9	15269.3	16007.0	15269.3	13306.9	10242.7	8178.9	6212.2	4662.2	3429.8
-12.5°	7452.5	8786.5	9657.2	10040.5	9657.2	8786.5	7452.5	6177.6	4907.6	3830.3	2875.3
-15°	5436.4	6099.6	6579.7	6619.3	6579.7	6099.6	5436.4	4622.4	3834.3	3057.7	2293.0
-17.5°	3951.6	4357.4	4639.9	4687.0	4639.9	4357.4	3951.6	3396.9	2883.5	2305.2	1796.3
-20°	2809.1	3065.0	3247.8	3272.0	3247.8	3065.0	2809.1	2447.9	2091.8	1689.6	1361.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1937.5	2105.7	2216.9	2203.2	2216.9	2105.7	1937.5	1705.0	1462.6	1218.8	989.2
-25°	1302.2	1401.4	1464.9	1449.2	1464.9	1401.4	1302.2	1168.1	1007.7	870.9	715.2
-27.5°	884.5	938.9	970.3	966.1	970.3	938.9	884.5	810.3	707.2	634.0	545.5
-30°	625.2	655.3	670.5	666.4	670.5	655.3	625.2	582.8	526.7	480.1	432.0
-32.5°	462.9	480.2	489.7	488.5	489.7	480.2	462.9	440.3	410.6	380.9	353.8
-35°	363.6	372.3	376.9	379.1	376.9	372.3	363.6	351.3	335.0	316.3	299.4
-37.5°	300.0	304.3	306.3	306.5	306.3	304.3	300.0	293.2	283.6	271.0	260.2
-40°	256.8	258.6	258.9	258.6	258.9	258.6	256.8	253.0	246.7	238.8	231.4
-42.5°	225.6	227.1	227.6	227.2	227.6	227.1	225.6	222.7	219.0	214.4	209.5
-45°	201.8	202.8	203.1	202.5	203.1	202.8	201.8	200.1	198.0	194.9	190.8
-47.5°	184.2	184.3	184.0	183.4	184.0	184.3	184.2	183.5	181.9	179.6	176.7
-50°	170.4	170.6	170.4	169.7	170.4	170.6	170.4	169.7	168.5	167.0	165.0
-52.5°	158.7	158.5	158.6	158.7	158.6	158.5	158.7	158.6	158.2	157.3	156.0
-55°	150.5	150.3	149.9	149.2	149.9	150.3	150.5	150.5	150.2	149.3	148.1
-57.5°	142.2	142.0	141.6	141.0	141.6	142.0	142.2	142.1	141.7	140.9	139.9
-60°	132.5	132.4	132.0	131.4	132.0	132.4	132.5	132.3	131.9	131.2	130.2
-62.5°	121.3	121.3	121.0	120.4	121.0	121.3	121.3	121.0	120.4	119.6	118.6
-65°	107.9	107.7	108.0	108.1	108.0	107.7	107.9	107.7	107.4	106.8	105.9
-67.5°	95.6	95.5	95.0	94.4	95.0	95.5	95.6	95.5	95.1	94.2	93.0
-70°	82.9	83.1	82.7	82.1	82.7	83.1	82.9	82.6	82.1	81.4	80.6
-72.5°	69.8	69.5	69.7	69.8	69.7	69.5	69.8	69.9	69.9	69.6	68.9
-75°	57.6	57.3	57.4	57.5	57.4	57.3	57.6	57.8	57.9	57.7	57.1
-77.5°	45.4	45.0	44.5	43.8	44.5	45.0	45.4	45.6	45.7	45.6	45.1
-80°	32.8	32.6	32.1	31.5	32.1	32.6	32.8	32.9	32.8	32.7	32.5
-82.5°	22.0	21.8	21.9	21.9	21.9	21.8	22.0	22.2	22.3	22.3	22.0
-85°	12.5	12.2	12.3	12.3	12.3	12.2	12.5	12.8	13.0	13.1	12.9
-87.5°	4.4	4.1	4.1	4.1	4.1	4.1	4.4	4.7	5.0	5.3	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-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°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
85°	12.7	12.4	12.2	11.8	11.5	11.1	10.7	10.1	9.5	8.9	8.3
82.5°	21.6	21.1	20.6	20.0	19.4	18.8	18.1	17.1	16.0	14.8	13.6
80°	32.1	31.6	30.9	29.8	28.6	27.4	26.3	25.1	23.9	22.7	21.3
77.5°	44.5	43.7	42.7	40.8	39.0	37.1	35.2	33.7	32.2	30.6	29.0
75°	56.4	55.6	54.4	52.5	50.2	47.6	45.2	43.3	41.3	39.1	36.9
72.5°	68.0	66.9	65.7	64.0	62.1	59.8	56.9	53.8	50.9	48.1	45.4
70°	79.5	78.3	76.9	75.3	73.4	71.2	68.3	64.8	60.9	57.0	54.2
67.5°	91.6	89.9	88.5	87.2	85.4	83.2	79.9	76.3	72.4	68.0	63.9
65°	104.6	102.7	100.9	99.2	97.3	95.1	91.8	87.8	83.6	79.2	74.6
62.5°	117.5	116.2	114.2	111.7	109.2	106.4	103.3	99.4	94.9	89.7	84.6
60°	129.0	127.4	125.1	122.7	120.3	117.2	113.2	109.6	106.5	100.7	94.6
57.5°	138.8	137.0	134.3	131.7	129.3	125.7	121.6	117.6	113.6	109.6	104.4
55°	146.6	144.7	142.2	139.3	136.1	132.7	129.0	124.7	120.5	116.8	112.0
52.5°	154.2	152.3	149.9	147.1	143.6	139.7	135.6	131.4	127.4	123.6	119.3
50°	162.9	160.6	157.9	155.0	151.2	147.0	142.6	138.0	134.0	130.1	126.0
47.5°	173.8	170.3	166.5	163.0	158.8	154.2	149.5	144.9	140.5	135.9	131.7
45°	186.7	182.0	177.0	172.2	166.9	161.8	156.4	151.6	146.9	141.9	136.8
42.5°	203.2	196.1	189.5	183.0	176.3	170.3	164.1	158.5	153.1	147.9	142.3
40°	223.2	213.7	205.0	195.5	187.3	179.4	172.3	165.3	159.4	153.6	147.5
37.5°	248.0	235.5	223.6	211.3	200.4	190.0	181.1	173.0	165.3	159.1	152.6
35°	279.7	262.6	245.6	230.2	215.4	202.6	190.9	181.1	172.3	164.3	157.5
32.5°	322.4	298.3	272.4	252.6	233.2	216.4	202.3	190.0	179.4	170.3	162.2
30°	385.3	345.7	310.2	278.7	254.2	232.5	214.1	199.9	187.3	176.3	166.9
27.5°	475.5	407.4	359.4	313.0	277.2	250.9	228.8	210.0	195.3	183.0	172.1
25°	603.2	499.9	416.6	356.1	307.4	270.1	244.0	222.2	204.2	189.4	176.3
22.5°	778.4	621.9	494.0	402.3	342.2	295.8	260.6	234.3	212.4	195.0	180.8
20°	1036.1	767.5	594.2	468.4	381.3	320.5	277.8	246.9	221.5	200.8	184.7
17.5°	1341.9	969.3	703.9	536.0	427.0	352.1	297.8	258.6	229.9	205.9	187.9
15°	1667.9	1198.0	857.2	626.2	473.8	379.2	314.4	268.9	237.9	211.5	191.9
12.5°	2084.1	1444.5	991.6	701.5	519.8	408.7	333.8	281.9	245.7	217.6	196.0
10°	2477.9	1701.6	1155.2	800.7	575.7	437.6	350.9	291.9	251.8	222.4	199.3
7.5°	2849.9	1948.8	1296.6	876.2	618.9	460.6	363.7	299.1	256.1	225.8	201.9
5°	3122.6	2132.8	1407.3	934.4	649.5	477.3	371.9	303.6	258.6	227.7	203.6
2.5°	3330.0	2254.7	1474.6	968.5	667.0	487.2	376.9	307.1	261.1	229.3	205.5
0°	3425.3	2301.8	1497.1	986.7	677.4	489.9	379.1	309.3	262.7	229.9	206.6
-2.5°	3330.0	2254.7	1474.6	968.5	667.0	487.2	376.9	307.1	261.1	229.3	205.5
-5°	3122.6	2132.8	1407.3	934.4	649.5	477.3	371.9	303.6	258.6	227.7	203.6
-7.5°	2849.9	1948.8	1296.6	876.2	618.9	460.6	363.7	299.1	256.1	225.8	201.9
-10°	2477.9	1701.6	1155.2	800.7	575.7	437.6	350.9	291.9	251.8	222.4	199.3
-12.5°	2084.1	1444.5	991.6	701.5	519.8	408.7	333.8	281.9	245.7	217.6	196.0
-15°	1667.9	1198.0	857.2	626.2	473.8	379.2	314.4	268.9	237.9	211.5	191.9
-17.5°	1341.9	969.3	703.9	536.0	427.0	352.1	297.8	258.6	229.9	205.9	187.9
-20°	1036.1	767.5	594.2	468.4	381.3	320.5	277.8	246.9	221.5	200.8	184.7



Classified

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	778.4	621.9	494.0	402.3	342.2	295.8	260.6	234.3	212.4	195.0	180.8
-25°	603.2	499.9	416.6	356.1	307.4	270.1	244.0	222.2	204.2	189.4	176.3
-27.5°	475.5	407.4	359.4	313.0	277.2	250.9	228.8	210.0	195.3	183.0	172.1
-30°	385.3	345.7	310.2	278.7	254.2	232.5	214.1	199.9	187.3	176.3	166.9
-32.5°	322.4	298.3	272.4	252.6	233.2	216.4	202.3	190.0	179.4	170.3	162.2
-35°	279.7	262.6	245.6	230.2	215.4	202.6	190.9	181.1	172.3	164.3	157.5
-37.5°	248.0	235.5	223.6	211.3	200.4	190.0	181.1	173.0	165.3	159.1	152.6
-40°	223.2	213.7	205.0	195.5	187.3	179.4	172.3	165.3	159.4	153.6	147.5
-42.5°	203.2	196.1	189.5	183.0	176.3	170.3	164.1	158.5	153.1	147.9	142.3
-45°	186.7	182.0	177.0	172.2	166.9	161.8	156.4	151.6	146.9	141.9	136.8
-47.5°	173.8	170.3	166.5	163.0	158.8	154.2	149.5	144.9	140.5	135.9	131.7
-50°	162.9	160.6	157.9	155.0	151.2	147.0	142.6	138.0	134.0	130.1	126.0
-52.5°	154.2	152.3	149.9	147.1	143.6	139.7	135.6	131.4	127.4	123.6	119.3
-55°	146.6	144.7	142.2	139.3	136.1	132.7	129.0	124.7	120.5	116.8	112.0
-57.5°	138.8	137.0	134.3	131.7	129.3	125.7	121.6	117.6	113.6	109.6	104.4
-60°	129.0	127.4	125.1	122.7	120.3	117.2	113.2	109.6	106.5	100.7	94.6
-62.5°	117.5	116.2	114.2	111.7	109.2	106.4	103.3	99.4	94.9	89.7	84.6
-65°	104.6	102.7	100.9	99.2	97.3	95.1	91.8	87.8	83.6	79.2	74.6
-67.5°	91.6	89.9	88.5	87.2	85.4	83.2	79.9	76.3	72.4	68.0	63.9
-70°	79.5	78.3	76.9	75.3	73.4	71.2	68.3	64.8	60.9	57.0	54.2
-72.5°	68.0	66.9	65.7	64.0	62.1	59.8	56.9	53.8	50.9	48.1	45.4
-75°	56.4	55.6	54.4	52.5	50.2	47.6	45.2	43.3	41.3	39.1	36.9
-77.5°	44.5	43.7	42.7	40.8	39.0	37.1	35.2	33.7	32.2	30.6	29.0
-80°	32.1	31.6	30.9	29.8	28.6	27.4	26.3	25.1	23.9	22.7	21.3
-82.5°	21.6	21.1	20.6	20.0	19.4	18.8	18.1	17.1	16.0	14.8	13.6
-85°	12.7	12.4	12.2	11.8	11.5	11.1	10.7	10.1	9.5	8.9	8.3
-87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	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: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-U-NR-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°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7
85°	8.0	7.6	7.2	6.7	6.1	5.5	5.1	4.6	4.2	3.8	3.3
82.5°	12.9	12.5	12.0	11.4	10.5	9.6	8.6	7.7	6.7	5.7	4.9
80°	20.1	18.8	17.6	16.5	15.1	13.6	12.4	11.1	9.8	8.5	7.1
77.5°	27.3	25.5	23.6	21.9	20.1	18.4	16.5	14.7	12.9	11.2	9.5
75°	34.5	32.4	30.1	27.8	25.5	23.1	20.9	18.6	16.3	14.0	11.9
72.5°	42.7	39.8	36.9	33.9	31.1	28.3	25.4	22.5	19.9	17.2	14.4
70°	51.1	47.6	44.1	40.8	37.2	33.5	30.2	26.8	23.4	20.3	17.2
67.5°	60.0	56.5	52.3	47.9	43.9	39.7	35.2	31.2	27.3	23.4	19.9
65°	69.8	65.3	61.0	55.9	50.8	45.9	41.0	35.7	31.2	26.8	22.5
62.5°	79.4	74.0	68.8	63.5	58.0	52.4	46.8	40.9	35.1	30.2	25.4
60°	88.8	82.8	76.4	70.4	64.6	58.7	52.4	45.9	39.5	33.5	28.3
57.5°	97.7	91.4	84.2	77.2	70.7	64.5	57.8	50.7	43.8	37.2	31.1
55°	106.1	99.1	91.5	83.9	76.6	69.8	62.9	55.4	47.9	40.8	33.8
52.5°	113.8	106.4	98.4	90.3	82.3	74.9	67.6	59.8	51.9	44.3	36.8
50°	120.9	113.7	105.2	96.5	87.7	80.0	72.2	64.1	55.7	47.6	39.6
47.5°	127.1	120.3	112.1	102.6	93.3	84.9	76.8	68.3	59.3	50.7	42.4
45°	132.1	126.4	118.5	109.0	99.0	90.1	81.3	72.4	63.0	53.8	45.1
42.5°	136.8	131.4	124.3	115.2	104.8	95.1	85.7	76.3	66.5	56.7	47.6
40°	141.6	135.9	129.7	120.5	110.3	100.0	90.1	80.2	70.0	59.6	50.1
37.5°	146.1	140.2	133.9	125.5	115.1	104.6	94.4	84.0	73.2	62.4	52.4
35°	150.6	144.0	137.5	129.4	119.4	108.8	98.4	87.6	76.3	65.1	54.5
32.5°	155.0	147.5	140.6	132.6	123.3	112.5	102.0	90.7	79.1	67.6	56.6
30°	158.9	150.9	143.5	135.8	126.6	115.8	105.0	93.6	81.8	69.8	58.5
27.5°	162.1	153.6	146.3	138.4	129.2	118.7	107.7	96.2	84.2	71.9	60.3
25°	165.3	156.2	148.5	140.9	131.7	121.7	110.2	98.4	86.4	73.9	62.0
22.5°	168.8	158.5	150.2	143.2	134.3	124.6	112.5	100.4	88.2	75.6	63.4
20°	171.9	160.6	151.5	145.0	136.3	126.7	114.8	102.2	89.8	77.2	64.7
17.5°	174.6	162.8	153.2	146.0	137.9	128.5	116.8	103.8	91.1	78.6	65.8
15°	177.4	165.1	154.8	146.9	139.2	130.1	118.7	105.1	92.2	79.7	66.8
12.5°	180.0	166.9	156.0	147.6	140.1	131.3	120.4	106.3	93.1	80.7	67.6
10°	182.1	168.4	156.9	148.1	140.8	132.3	121.8	107.4	94.0	81.4	68.4
7.5°	183.7	169.4	157.5	148.3	141.3	133.0	123.0	108.6	94.8	81.9	69.0
5°	184.9	170.2	158.4	149.1	141.8	133.6	123.8	109.6	95.3	82.2	69.4
2.5°	185.8	170.9	159.4	149.9	142.2	134.0	124.3	110.3	95.7	82.3	69.7
0°	186.1	171.1	160.1	150.5	142.3	134.1	124.5	110.8	95.8	82.1	69.8
-2.5°	185.8	170.9	159.4	149.9	142.2	134.0	124.3	110.3	95.7	82.3	69.7
-5°	184.9	170.2	158.4	149.1	141.8	133.6	123.8	109.6	95.3	82.2	69.4
-7.5°	183.7	169.4	157.5	148.3	141.3	133.0	123.0	108.6	94.8	81.9	69.0
-10°	182.1	168.4	156.9	148.1	140.8	132.3	121.8	107.4	94.0	81.4	68.4
-12.5°	180.0	166.9	156.0	147.6	140.1	131.3	120.4	106.3	93.1	80.7	67.6
-15°	177.4	165.1	154.8	146.9	139.2	130.1	118.7	105.1	92.2	79.7	66.8
-17.5°	174.6	162.8	153.2	146.0	137.9	128.5	116.8	103.8	91.1	78.6	65.8
-20°	171.9	160.6	151.5	145.0	136.3	126.7	114.8	102.2	89.8	77.2	64.7

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	168.8	158.5	150.2	143.2	134.3	124.6	112.5	100.4	88.2	75.6	63.4
-25°	165.3	156.2	148.5	140.9	131.7	121.7	110.2	98.4	86.4	73.9	62.0
-27.5°	162.1	153.6	146.3	138.4	129.2	118.7	107.7	96.2	84.2	71.9	60.3
-30°	158.9	150.9	143.5	135.8	126.6	115.8	105.0	93.6	81.8	69.8	58.5
-32.5°	155.0	147.5	140.6	132.6	123.3	112.5	102.0	90.7	79.1	67.6	56.6
-35°	150.6	144.0	137.5	129.4	119.4	108.8	98.4	87.6	76.3	65.1	54.5
-37.5°	146.1	140.2	133.9	125.5	115.1	104.6	94.4	84.0	73.2	62.4	52.4
-40°	141.6	135.9	129.7	120.5	110.3	100.0	90.1	80.2	70.0	59.6	50.1
-42.5°	136.8	131.4	124.3	115.2	104.8	95.1	85.7	76.3	66.5	56.7	47.6
-45°	132.1	126.4	118.5	109.0	99.0	90.1	81.3	72.4	63.0	53.8	45.1
-47.5°	127.1	120.3	112.1	102.6	93.3	84.9	76.8	68.3	59.3	50.7	42.4
-50°	120.9	113.7	105.2	96.5	87.7	80.0	72.2	64.1	55.7	47.6	39.6
-52.5°	113.8	106.4	98.4	90.3	82.3	74.9	67.6	59.8	51.9	44.3	36.8
-55°	106.1	99.1	91.5	83.9	76.6	69.8	62.9	55.4	47.9	40.8	33.8
-57.5°	97.7	91.4	84.2	77.2	70.7	64.5	57.8	50.7	43.8	37.2	31.1
-60°	88.8	82.8	76.4	70.4	64.6	58.7	52.4	45.9	39.5	33.5	28.3
-62.5°	79.4	74.0	68.8	63.5	58.0	52.4	46.8	40.9	35.1	30.2	25.4
-65°	69.8	65.3	61.0	55.9	50.8	45.9	41.0	35.7	31.2	26.8	22.5
-67.5°	60.0	56.5	52.3	47.9	43.9	39.7	35.2	31.2	27.3	23.4	19.9
-70°	51.1	47.6	44.1	40.8	37.2	33.5	30.2	26.8	23.4	20.3	17.2
-72.5°	42.7	39.8	36.9	33.9	31.1	28.3	25.4	22.5	19.9	17.2	14.4
-75°	34.5	32.4	30.1	27.8	25.5	23.1	20.9	18.6	16.3	14.0	11.9
-77.5°	27.3	25.5	23.6	21.9	20.1	18.4	16.5	14.7	12.9	11.2	9.5
-80°	20.1	18.8	17.6	16.5	15.1	13.6	12.4	11.1	9.8	8.5	7.1
-82.5°	12.9	12.5	12.0	11.4	10.5	9.6	8.6	7.7	6.7	5.7	4.9
-85°	8.0	7.6	7.2	6.7	6.1	5.5	5.1	4.6	4.2	3.8	3.3
-87.5°	3.7	3.5	3.3	3.2	3.0	2.7	2.5	2.3	2.1	1.9	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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REPORT NUMBER: P626779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-NR-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°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
85°	2.8	2.4	1.9	1.4	1.0	0.4	0.0
82.5°	4.3	3.6	2.9	2.1	1.4	0.6	0.0
80°	5.7	4.7	3.8	2.9	1.9	0.8	0.0
77.5°	7.8	6.1	4.7	3.6	2.4	1.0	0.0
75°	9.9	7.7	5.7	4.3	2.8	1.2	0.0
72.5°	11.9	9.3	7.0	4.9	3.3	1.4	0.0
70°	13.9	10.9	8.2	5.7	3.7	1.6	0.0
67.5°	16.2	12.5	9.4	6.5	4.1	1.8	0.0
65°	18.4	14.1	10.5	7.4	4.5	2.0	0.0
62.5°	20.6	16.0	11.7	8.2	4.9	2.2	0.0
60°	22.8	17.8	12.8	9.0	5.3	2.4	0.0
57.5°	25.1	19.5	14.1	9.8	5.8	2.5	0.0
55°	27.5	21.2	15.5	10.5	6.3	2.7	0.0
52.5°	29.7	22.9	16.8	11.2	6.7	2.8	0.0
50°	31.9	24.7	18.1	11.9	7.2	3.0	0.0
47.5°	34.0	26.5	19.3	12.6	7.6	3.1	0.0
45°	36.3	28.1	20.5	13.5	8.1	3.2	0.0
42.5°	38.5	29.7	21.6	14.3	8.5	3.4	0.0
40°	40.6	31.2	22.7	15.1	8.9	3.5	0.0
37.5°	42.5	32.7	23.9	15.9	9.3	3.6	0.0
35°	44.4	34.2	25.0	16.7	9.6	3.7	0.0
32.5°	46.1	35.6	26.0	17.4	10.0	3.8	0.0
30°	47.8	37.0	26.9	18.0	10.3	3.9	0.0
27.5°	49.3	38.2	27.8	18.6	10.6	3.9	0.0
25°	50.6	39.4	28.7	19.2	10.9	4.0	0.0
22.5°	51.9	40.4	29.5	19.7	11.1	4.0	0.0
20°	53.0	41.3	30.1	20.2	11.4	4.1	0.0
17.5°	53.9	42.0	30.8	20.6	11.6	4.1	0.0
15°	54.6	42.7	31.3	20.9	11.8	4.1	0.0
12.5°	55.2	43.2	31.8	21.2	11.9	4.2	0.0
10°	55.7	43.5	32.1	21.5	12.1	4.2	0.0
7.5°	56.0	43.8	32.4	21.7	12.2	4.2	0.0
5°	56.2	43.9	32.6	21.8	12.2	4.1	0.0
2.5°	56.2	43.9	32.8	21.9	12.3	4.1	0.0
0°	56.1	43.8	32.8	21.9	12.3	4.1	0.0
-2.5°	56.2	43.9	32.8	21.9	12.3	4.1	0.0
-5°	56.2	43.9	32.6	21.8	12.2	4.1	0.0
-7.5°	56.0	43.8	32.4	21.7	12.2	4.2	0.0
-10°	55.7	43.5	32.1	21.5	12.1	4.2	0.0
-12.5°	55.2	43.2	31.8	21.2	11.9	4.2	0.0
-15°	54.6	42.7	31.3	20.9	11.8	4.1	0.0
-17.5°	53.9	42.0	30.8	20.6	11.6	4.1	0.0
-20°	53.0	41.3	30.1	20.2	11.4	4.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.9	40.4	29.5	19.7	11.1	4.0	0.0
-25°	50.6	39.4	28.7	19.2	10.9	4.0	0.0
-27.5°	49.3	38.2	27.8	18.6	10.6	3.9	0.0
-30°	47.8	37.0	26.9	18.0	10.3	3.9	0.0
-32.5°	46.1	35.6	26.0	17.4	10.0	3.8	0.0
-35°	44.4	34.2	25.0	16.7	9.6	3.7	0.0
-37.5°	42.5	32.7	23.9	15.9	9.3	3.6	0.0
-40°	40.6	31.2	22.7	15.1	8.9	3.5	0.0
-42.5°	38.5	29.7	21.6	14.3	8.5	3.4	0.0
-45°	36.3	28.1	20.5	13.5	8.1	3.2	0.0
-47.5°	34.0	26.5	19.3	12.6	7.6	3.1	0.0
-50°	31.9	24.7	18.1	11.9	7.2	3.0	0.0
-52.5°	29.7	22.9	16.8	11.2	6.7	2.8	0.0
-55°	27.5	21.2	15.5	10.5	6.3	2.7	0.0
-57.5°	25.1	19.5	14.1	9.8	5.8	2.5	0.0
-60°	22.8	17.8	12.8	9.0	5.3	2.4	0.0
-62.5°	20.6	16.0	11.7	8.2	4.9	2.2	0.0
-65°	18.4	14.1	10.5	7.4	4.5	2.0	0.0
-67.5°	16.2	12.5	9.4	6.5	4.1	1.8	0.0
-70°	13.9	10.9	8.2	5.7	3.7	1.6	0.0
-72.5°	11.9	9.3	7.0	4.9	3.3	1.4	0.0
-75°	9.9	7.7	5.7	4.3	2.8	1.2	0.0
-77.5°	7.8	6.1	4.7	3.6	2.4	1.0	0.0
-80°	5.7	4.7	3.8	2.9	1.9	0.8	0.0
-82.5°	4.3	3.6	2.9	2.1	1.4	0.6	0.0
-85°	2.8	2.4	1.9	1.4	1.0	0.4	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)