

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: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1A-727-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

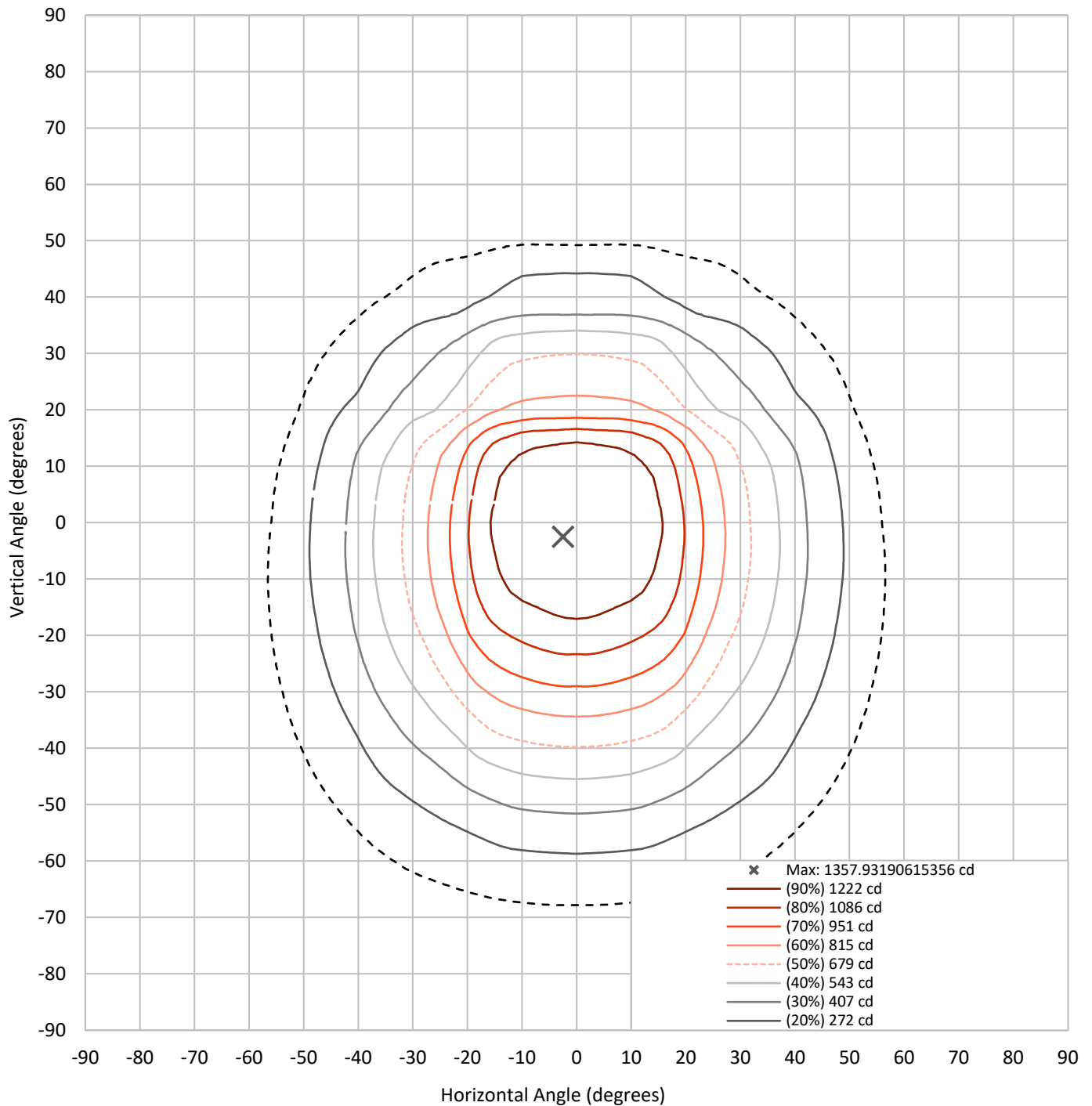
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	1812.2 lumens	Max Intensity:	1357.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1048.5 lumens	Field Lumens:	1719.7 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	18.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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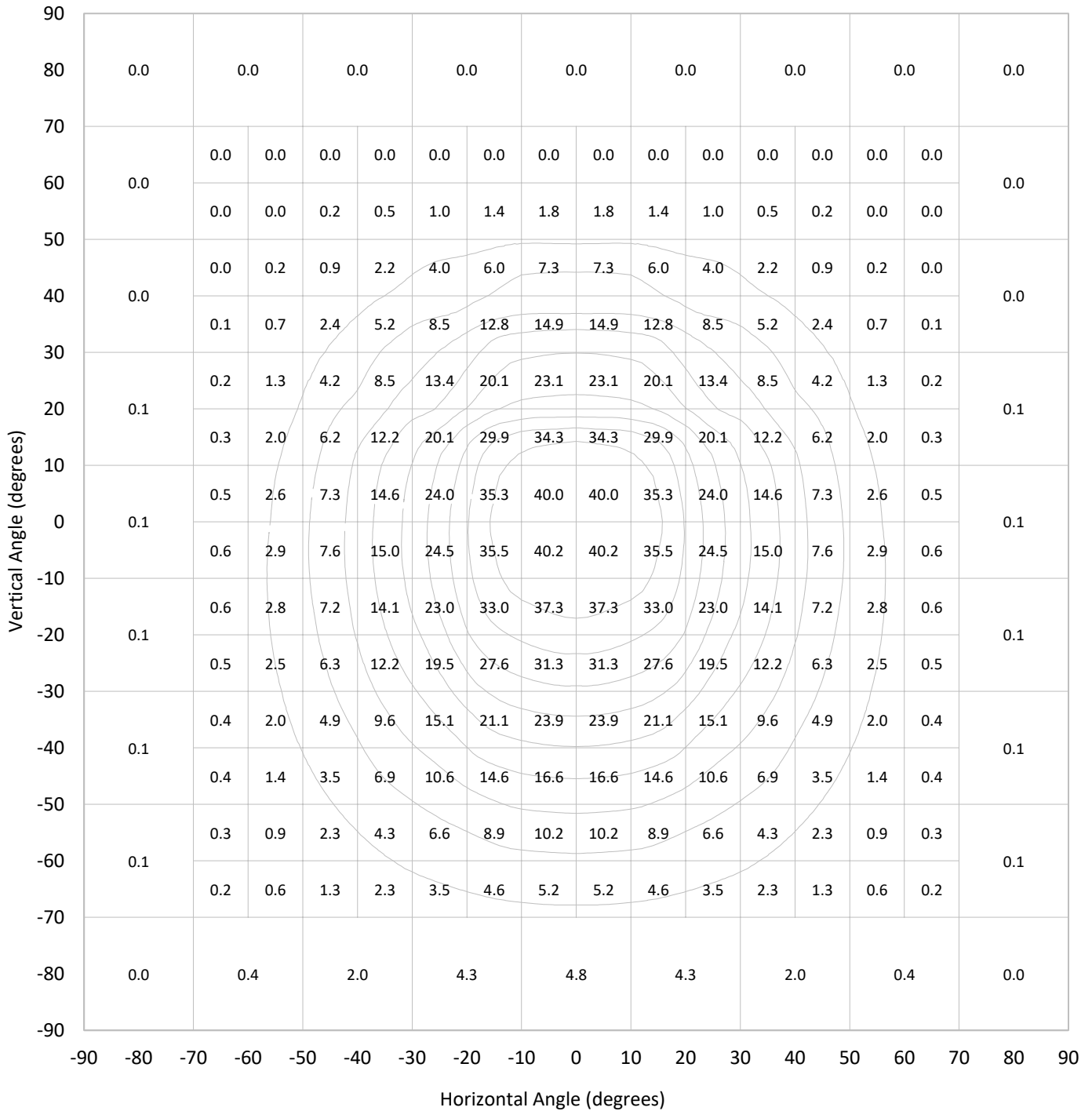
### Iso-Candela Plot





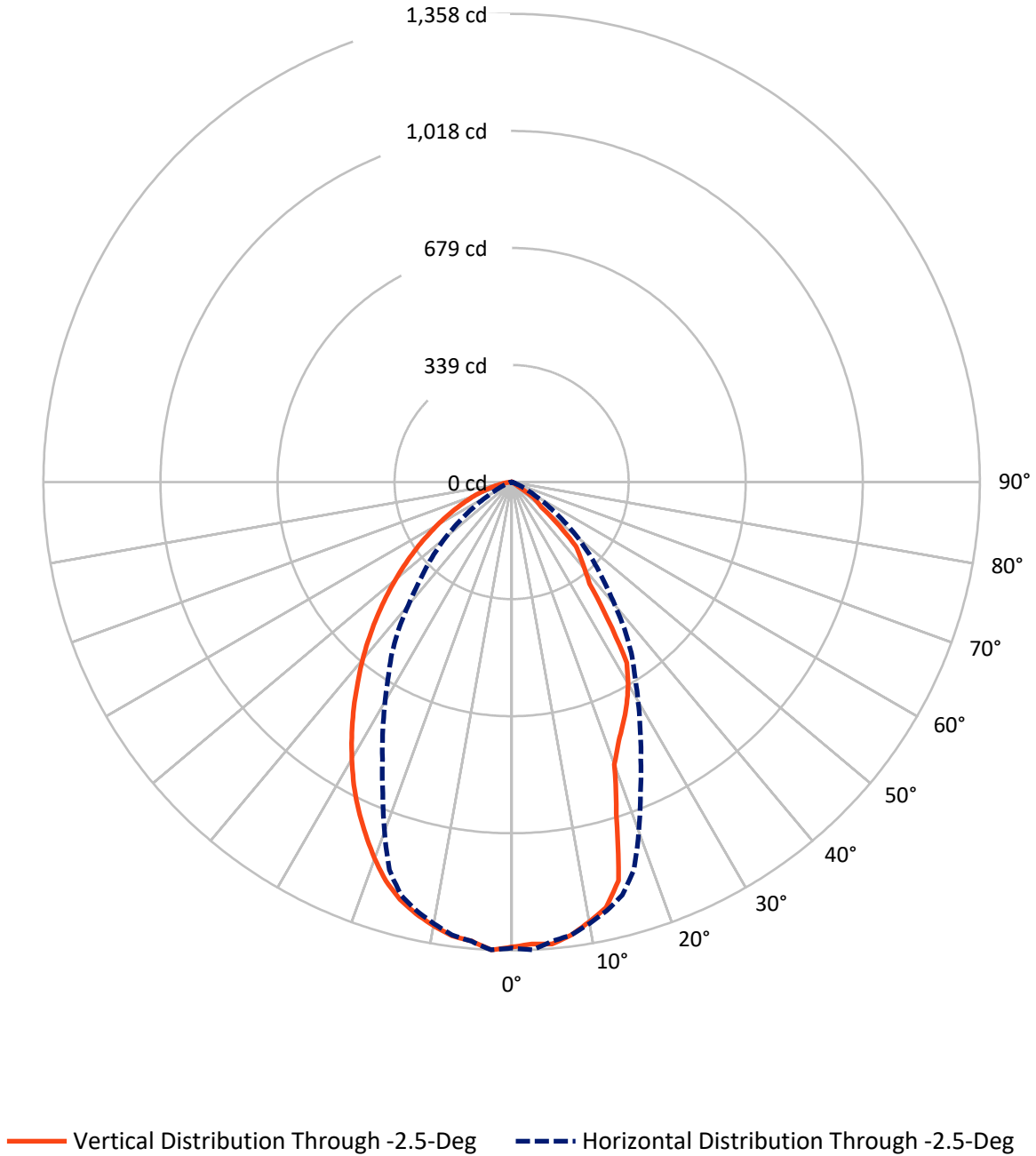
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### Lumen Table



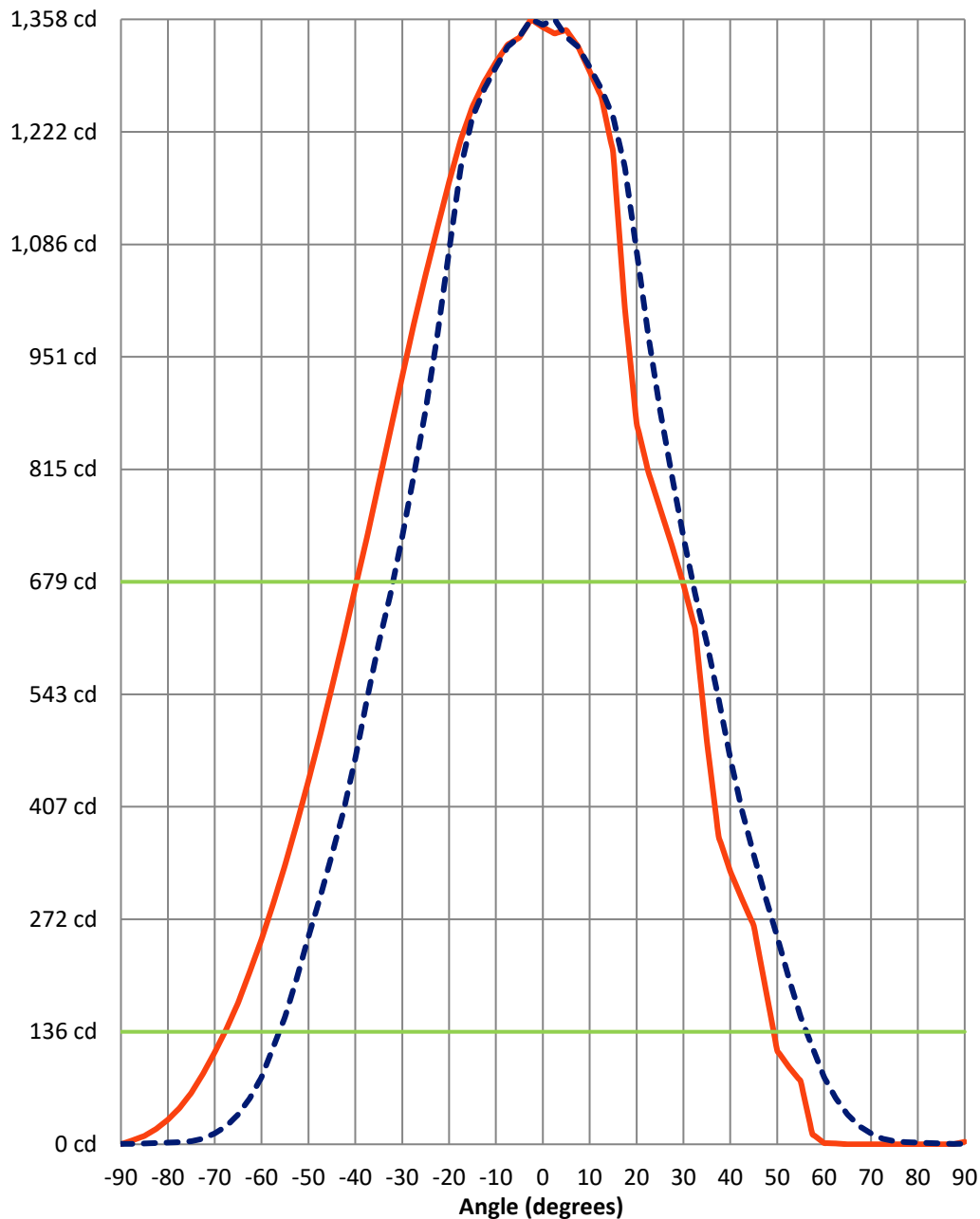
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 1048.5  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 1719.7  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 92.5  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-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°	0.5	0.5	0.5	0.6	0.8	0.9	1.0	1.1	1.3	1.4	1.5
87.5°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0
85°	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.0	0.0
82.5°	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.1	0.1
80°	0.5	0.5	0.5	0.4	0.3	0.2	0.0	0.1	0.2	0.3	0.3
77.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.3	0.5	0.5
75°	0.5	0.5	0.5	0.4	0.3	0.2	0.3	0.4	0.5	0.4	0.3
72.5°	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.5	0.4	0.3	0.1
70°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.4	0.2	0.2
67.5°	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.3	0.4	0.4
65°	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
62.5°	0.5	0.5	0.5	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.7
60°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	0.8
57.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0	1.0	1.0
55°	0.5	0.5	0.5	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.2
52.5°	0.5	0.5	0.5	0.5	0.7	0.8	1.0	1.2	1.3	1.4	1.5
50°	0.5	0.5	0.5	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.7
47.5°	0.5	0.5	0.5	0.5	0.8	1.0	1.2	1.4	1.7	1.8	1.9
45°	0.5	0.5	0.6	0.6	0.8	1.1	1.3	1.6	1.8	2.0	2.2
42.5°	0.5	0.5	0.6	0.6	0.9	1.2	1.4	1.7	2.0	2.2	2.6
40°	0.5	0.5	0.6	0.7	1.0	1.3	1.5	1.9	2.2	2.4	3.2
37.5°	0.5	0.5	0.6	0.7	1.0	1.3	1.7	2.1	2.4	2.8	3.7
35°	0.5	0.5	0.6	0.8	1.1	1.4	1.8	2.3	2.7	3.4	4.7
32.5°	0.5	0.5	0.7	0.9	1.2	1.5	1.9	2.4	2.9	4.2	6.7
30°	0.5	0.5	0.7	0.9	1.2	1.6	2.0	2.6	3.2	5.0	8.6
27.5°	0.5	0.5	0.7	1.0	1.3	1.7	2.2	2.8	3.6	6.0	10.5
25°	0.5	0.5	0.7	1.0	1.4	1.7	2.3	3.0	4.3	7.4	12.3
22.5°	0.5	0.5	0.8	1.1	1.5	1.8	2.5	3.3	5.1	8.9	14.8
20°	0.5	0.5	0.8	1.2	1.5	1.9	2.6	3.5	5.9	10.3	17.2
17.5°	0.5	0.5	0.8	1.2	1.6	2.0	2.8	3.7	6.7	11.7	19.6
15°	0.5	0.5	0.8	1.3	1.7	2.1	2.9	3.9	7.5	13.0	21.9
12.5°	0.5	0.5	0.9	1.3	1.7	2.2	3.0	4.3	8.4	14.2	24.2
10°	0.5	0.5	0.9	1.3	1.8	2.2	3.1	4.7	9.4	15.5	26.4
7.5°	0.5	0.5	0.9	1.4	1.9	2.3	3.2	5.0	10.3	16.9	28.7
5°	0.5	0.5	1.0	1.4	1.9	2.4	3.3	5.4	11.2	18.1	30.9
2.5°	0.5	0.5	1.0	1.5	2.0	2.4	3.4	5.8	12.0	19.3	32.8
0°	0.5	0.5	1.0	1.5	2.0	2.5	3.5	6.1	12.7	20.3	34.5
-2.5°	0.5	0.5	1.0	1.5	2.0	2.6	3.7	6.7	13.2	21.9	36.0
-5°	0.5	0.5	1.0	1.5	2.1	2.6	3.9	7.3	13.6	23.3	37.2
-7.5°	0.5	0.5	1.0	1.5	2.1	2.6	4.1	7.8	13.9	24.4	38.2
-10°	0.5	0.5	1.0	1.5	2.1	2.7	4.2	8.2	14.1	25.3	38.9
-12.5°	0.5	0.5	1.0	1.5	2.1	2.7	4.3	8.5	14.3	25.7	39.5
-15°	0.5	0.5	1.0	1.4	2.2	2.7	4.4	8.6	14.6	25.6	39.7
-17.5°	0.5	0.5	1.0	1.4	2.2	2.8	4.4	8.8	15.0	25.4	39.4
-20°	0.5	0.5	0.9	1.4	2.1	2.8	4.5	9.0	15.3	24.9	38.7

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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°	0.5	0.5	0.9	1.4	2.1	2.8	4.8	9.1	15.4	24.2	37.4
-25°	0.5	0.5	0.9	1.4	2.1	3.0	5.0	9.1	15.4	23.4	35.7
-27.5°	0.5	0.5	0.9	1.3	2.0	3.2	5.2	9.0	15.2	22.7	34.4
-30°	0.5	0.5	0.9	1.3	2.0	3.4	5.3	8.7	14.9	22.3	33.0
-32.5°	0.5	0.5	0.8	1.3	2.1	3.6	5.4	8.7	14.5	21.8	31.3
-35°	0.5	0.5	0.8	1.2	2.1	3.7	5.5	8.8	14.0	21.0	29.5
-37.5°	0.5	0.5	0.8	1.2	2.1	3.8	5.7	8.7	13.4	20.0	28.7
-40°	0.5	0.5	0.8	1.1	2.2	3.8	5.8	8.6	12.6	19.0	27.9
-42.5°	0.5	0.5	0.7	1.1	2.2	3.9	5.8	8.4	12.1	18.2	26.5
-45°	0.5	0.5	0.7	1.1	2.2	3.8	5.8	8.2	11.8	17.3	24.7
-47.5°	0.5	0.5	0.7	1.1	2.2	3.8	5.7	8.1	11.4	16.1	23.4
-50°	0.5	0.5	0.6	1.1	2.1	3.7	5.6	7.9	11.0	15.7	21.8
-52.5°	0.5	0.5	0.6	1.1	2.1	3.6	5.4	7.6	10.7	15.1	20.0
-55°	0.5	0.5	0.6	1.1	2.0	3.4	5.2	7.3	10.4	14.4	19.2
-57.5°	0.5	0.5	0.5	1.0	1.9	3.2	5.0	7.0	9.9	13.7	18.2
-60°	0.5	0.5	0.5	1.0	1.7	3.0	4.7	6.6	9.3	12.8	17.0
-62.5°	0.5	0.5	0.5	0.9	1.6	2.8	4.4	6.2	8.5	11.8	15.7
-65°	0.5	0.5	0.5	0.9	1.5	2.5	3.9	5.6	7.6	10.5	14.2
-67.5°	0.5	0.5	0.5	0.8	1.4	2.2	3.4	4.9	6.5	8.9	12.2
-70°	0.5	0.5	0.5	0.7	1.3	2.0	2.9	4.2	5.6	7.2	9.8
-72.5°	0.5	0.5	0.5	0.7	1.1	1.8	2.6	3.4	4.6	6.0	7.5
-75°	0.5	0.5	0.5	0.7	1.0	1.6	2.2	2.9	3.6	4.7	6.0
-77.5°	0.5	0.5	0.5	0.7	0.9	1.3	1.9	2.4	3.0	3.6	4.4
-80°	0.5	0.5	0.5	0.7	0.9	1.2	1.5	1.9	2.4	2.9	3.4
-82.5°	0.5	0.5	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.1	2.5
-85°	0.5	0.5	0.5	0.7	0.8	1.0	1.3	1.4	1.6	1.8	1.9
-87.5°	0.5	0.5	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6	1.7
-90°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.2	0.1	0.0





REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.8	1.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.5	0.3	0.2	0.1	0.2	0.3	0.2	0.3	0.3	0.3	0.3
65°	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5
62.5°	0.5	0.6	0.6	0.7	0.8	0.9	0.9	0.8	0.6	0.7	0.8
60°	0.7	0.8	0.9	1.0	1.1	1.2	1.1	1.1	1.3	1.5	2.8
57.5°	1.0	1.1	1.2	1.4	1.5	1.5	1.6	1.7	4.0	6.5	7.2
55°	1.3	1.3	1.5	1.8	1.9	1.9	2.8	5.8	8.8	12.2	13.5
52.5°	1.5	1.6	2.0	2.3	2.5	3.9	7.0	11.2	15.6	19.5	24.6
50°	1.8	2.1	2.5	3.0	4.8	8.4	13.0	18.7	25.3	31.6	38.0
47.5°	2.2	2.7	3.3	4.7	9.4	14.5	20.8	30.0	38.2	45.7	54.5
45°	2.8	3.7	4.4	9.4	14.8	21.3	32.1	43.3	50.7	60.8	76.4
42.5°	3.3	5.2	8.4	14.1	20.7	31.3	44.6	54.2	64.0	80.5	96.8
40°	4.8	7.0	12.6	19.4	27.8	43.2	56.9	67.7	81.2	99.4	116.5
37.5°	6.6	10.6	17.0	25.1	39.0	55.9	70.5	86.0	101.5	118.6	150.3
35°	8.5	14.0	22.5	33.5	50.2	69.9	87.4	104.6	122.5	156.3	187.7
32.5°	11.1	17.1	28.2	43.2	62.3	83.9	104.2	124.2	152.8	191.1	222.6
30°	13.9	22.1	34.9	52.3	73.7	96.7	121.1	145.3	183.2	214.9	249.1
27.5°	16.8	27.5	42.6	61.6	84.3	108.9	136.3	170.8	204.7	236.0	273.5
25°	19.8	33.0	49.8	70.6	94.8	121.9	153.5	195.6	222.0	256.6	295.8
22.5°	23.6	38.3	56.8	78.7	104.5	135.4	175.7	217.9	249.1	278.1	316.5
20°	28.0	44.3	64.4	89.0	114.0	148.5	197.7	242.1	278.8	312.0	347.3
17.5°	32.2	49.8	72.6	99.4	127.9	165.3	219.3	268.4	308.8	345.9	389.8
15°	36.0	55.0	80.6	109.3	141.5	184.6	238.7	292.6	338.8	380.5	430.4
12.5°	39.5	59.7	88.3	118.5	154.3	201.2	254.9	307.6	358.3	412.7	469.3
10°	42.6	63.9	95.7	127.0	166.1	215.2	268.4	320.1	371.2	428.8	491.7
7.5°	46.0	67.8	102.3	134.8	176.9	226.8	279.1	330.2	381.7	441.6	506.3
5°	49.1	71.5	107.6	140.3	185.3	235.9	287.2	337.8	389.6	451.2	517.3
2.5°	51.9	74.6	111.8	144.7	191.5	242.6	292.4	344.1	395.5	459.0	525.7
0°	54.2	77.1	115.1	148.0	196.2	247.4	295.5	348.2	398.9	464.3	531.2
-2.5°	55.7	81.2	117.3	153.8	200.3	250.5	298.3	349.4	402.6	466.0	537.4
-5°	56.7	84.5	118.7	158.4	202.9	251.9	299.2	348.5	403.7	465.6	538.4
-7.5°	57.4	86.8	119.3	160.9	203.8	251.0	297.6	346.8	402.0	464.0	534.3
-10°	57.7	87.5	120.2	160.1	202.6	248.3	294.2	342.8	397.4	458.8	526.7
-12.5°	58.7	87.0	120.0	158.4	200.0	244.2	289.1	336.4	389.7	449.9	516.1
-15°	58.9	86.0	118.6	155.9	195.9	238.8	282.5	327.6	380.3	441.3	504.4
-17.5°	58.4	84.4	115.8	152.7	190.4	232.3	274.6	319.8	371.4	431.4	492.1
-20°	57.1	82.3	111.5	149.0	183.9	225.1	266.8	311.5	361.3	417.6	478.4

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	54.8	79.9	106.9	143.7	178.4	216.8	257.6	300.3	348.5	399.8	460.0
-25°	52.5	77.1	103.3	136.4	171.7	207.1	247.0	286.5	333.5	383.8	437.3
-27.5°	50.3	73.2	99.6	128.5	163.8	196.7	235.0	273.6	316.6	365.9	415.1
-30°	47.5	69.0	95.0	120.8	154.3	187.0	221.7	259.6	298.3	345.2	393.6
-32.5°	45.0	64.6	89.8	115.0	144.1	176.0	207.3	243.5	281.3	321.2	369.0
-35°	43.3	62.0	84.2	108.3	133.7	164.1	193.9	225.2	261.9	299.3	341.3
-37.5°	41.9	59.0	78.4	101.3	125.5	151.5	179.5	208.3	240.2	278.0	317.5
-40°	39.8	55.6	74.1	94.6	115.9	139.7	165.6	191.7	219.4	256.3	295.2
-42.5°	37.1	52.4	70.0	87.4	106.8	128.5	151.5	176.1	202.7	234.8	270.6
-45°	35.0	48.3	65.4	81.0	97.2	116.9	138.6	160.9	185.9	213.5	245.6
-47.5°	32.3	43.8	59.5	74.0	88.3	105.2	125.0	146.1	168.3	193.1	219.5
-50°	29.4	40.1	52.3	66.4	80.0	94.0	110.9	130.5	150.6	172.2	195.7
-52.5°	27.3	35.7	46.9	58.6	71.5	84.3	98.6	115.4	133.4	151.5	172.1
-55°	24.8	32.4	41.7	52.2	63.2	75.0	88.0	102.7	117.4	134.0	150.5
-57.5°	23.1	29.3	37.3	46.5	56.4	66.4	78.7	91.1	104.7	118.4	132.1
-60°	21.7	26.6	33.2	41.3	50.1	59.5	69.6	81.0	92.7	104.0	115.8
-62.5°	20.2	24.4	29.6	36.2	44.1	52.3	61.2	71.0	81.6	91.0	100.2
-65°	18.1	21.9	26.3	31.7	37.9	44.8	52.4	60.7	69.8	77.5	85.0
-67.5°	15.8	19.0	22.7	27.1	32.3	37.6	43.2	50.2	57.6	63.9	70.0
-70°	12.9	15.8	18.9	22.4	26.5	31.1	36.0	41.1	46.1	51.2	56.8
-72.5°	9.9	12.5	15.1	17.6	20.9	24.7	28.7	32.9	37.4	41.7	46.0
-75°	7.6	9.3	11.5	13.8	16.1	18.5	21.2	24.6	28.7	33.0	36.8
-77.5°	5.7	7.2	8.7	10.3	11.7	13.5	15.4	17.5	20.9	24.8	28.7
-80°	4.1	5.0	6.2	7.5	8.5	9.5	10.5	11.6	14.1	17.2	20.6
-82.5°	3.0	3.6	4.3	5.0	5.6	6.1	6.6	7.3	9.2	11.3	13.6
-85°	2.1	2.2	2.6	3.0	3.3	3.6	3.9	4.2	5.2	6.4	7.6
-87.5°	1.8	1.9	2.0	2.1	2.1	2.1	2.2	2.2	2.6	2.9	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: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.0	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.0	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.2	0.3	0.4	0.4	0.3	0.3
62.5°	0.8	0.7	0.7	0.8	0.9	1.1	1.0	1.0	0.9	0.8	0.9
60°	3.0	2.0	2.3	2.9	2.7	1.8	3.0	3.4	2.9	2.0	1.9
57.5°	7.6	7.3	8.4	12.3	13.5	12.3	14.7	17.9	17.7	15.3	15.2
55°	16.2	21.7	28.4	29.5	34.1	43.4	50.7	47.5	47.5	49.9	57.6
52.5°	30.7	35.9	37.9	43.1	52.8	59.9	64.4	69.1	74.2	79.4	84.8
50°	45.1	50.2	55.9	61.3	74.7	82.0	80.7	90.4	102.8	110.6	114.6
47.5°	66.2	74.2	86.4	105.4	115.5	122.7	131.7	142.7	156.9	176.2	191.1
45°	91.0	103.6	122.4	142.6	158.1	165.3	175.6	192.6	215.3	237.5	253.6
42.5°	111.3	128.5	149.7	169.1	181.8	193.4	206.8	221.2	247.2	270.8	289.4
40°	137.7	151.1	175.0	193.2	204.6	216.1	237.3	258.8	283.2	305.3	320.6
37.5°	171.3	186.4	211.1	231.8	242.7	246.8	282.8	312.7	332.6	360.7	369.9
35°	207.3	232.1	263.7	290.5	301.2	322.6	359.7	401.5	446.7	463.3	477.5
32.5°	247.5	278.1	321.0	349.7	365.0	397.5	444.5	489.0	548.2	580.3	589.9
30°	284.2	319.4	356.3	384.1	410.3	449.5	492.3	547.2	602.0	643.0	655.8
27.5°	311.2	350.2	385.5	411.7	441.2	483.4	536.8	592.5	646.2	688.1	703.0
25°	337.0	381.0	409.0	439.4	474.1	520.1	579.2	641.1	694.0	729.4	747.7
22.5°	366.3	409.7	439.7	465.4	510.8	563.9	618.8	688.6	744.7	773.0	792.8
20°	396.5	445.6	492.1	516.0	555.3	622.4	683.9	749.8	803.9	833.4	854.2
17.5°	438.7	501.3	558.3	592.1	634.2	714.4	791.2	857.9	933.1	959.8	985.3
15°	483.2	555.6	622.4	676.0	730.3	809.9	908.6	989.1	1075.0	1113.4	1156.8
12.5°	527.5	596.1	656.5	725.8	802.3	872.7	966.7	1067.0	1144.9	1193.8	1223.1
10°	560.7	624.3	682.5	752.0	828.3	907.9	1001.3	1104.1	1185.7	1227.5	1251.3
7.5°	578.6	639.5	700.9	771.2	847.3	932.0	1028.3	1130.2	1213.7	1254.1	1277.7
5°	591.8	650.4	714.0	788.0	864.9	950.8	1046.9	1147.7	1223.8	1266.8	1296.6
2.5°	599.9	657.3	722.3	798.8	875.9	965.3	1066.1	1170.6	1237.2	1271.8	1299.2
0°	602.2	660.0	726.9	804.5	883.5	973.8	1073.6	1177.1	1244.5	1277.9	1305.8
-2.5°	604.8	664.3	733.1	808.2	886.5	976.6	1078.5	1179.3	1239.9	1273.6	1300.2
-5°	603.0	664.7	733.2	805.1	884.0	973.3	1071.2	1165.4	1228.8	1265.3	1291.7
-7.5°	597.5	660.1	727.9	797.0	874.4	964.7	1062.2	1152.9	1217.1	1255.6	1284.5
-10°	589.6	650.3	718.6	788.6	865.1	951.0	1046.9	1137.2	1198.7	1239.5	1273.1
-12.5°	580.8	640.3	706.1	773.2	848.9	933.7	1026.7	1112.1	1173.2	1217.8	1241.8
-15°	567.8	627.2	690.1	755.0	828.8	911.1	999.9	1081.8	1141.9	1178.1	1204.7
-17.5°	551.2	609.5	669.2	730.7	800.2	881.3	970.6	1051.4	1100.4	1132.8	1158.9
-20°	533.4	587.3	643.9	702.0	769.3	849.6	937.4	1007.8	1053.9	1085.1	1109.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	513.1	565.0	616.8	672.4	738.4	812.0	889.5	957.6	1007.2	1035.5	1058.3
-25°	490.0	540.5	589.6	643.2	704.0	770.1	842.2	909.1	953.5	983.6	1006.2
-27.5°	465.0	512.5	560.5	608.6	663.2	729.2	795.9	858.1	896.0	926.3	949.0
-30°	440.1	482.8	527.2	572.8	624.0	683.5	745.9	798.2	838.2	867.7	888.8
-32.5°	413.1	453.6	492.9	535.6	583.8	636.2	691.0	740.7	783.4	810.5	828.3
-35°	385.5	424.7	460.7	499.4	541.9	587.2	637.8	686.8	729.0	750.3	767.7
-37.5°	356.7	395.8	429.9	462.3	498.9	540.8	590.0	636.8	673.3	691.7	707.3
-40°	331.7	366.1	396.8	427.8	457.6	494.8	540.7	586.0	615.2	633.1	647.7
-42.5°	307.3	336.4	361.6	389.3	419.1	455.8	492.9	530.8	554.3	574.2	589.5
-45°	279.1	305.0	328.6	351.7	378.9	412.3	446.0	476.4	498.4	517.6	532.5
-47.5°	247.8	272.8	295.7	316.4	341.6	369.6	397.9	423.2	445.0	463.9	477.2
-50°	218.6	241.0	263.3	284.2	306.1	328.7	351.7	373.9	394.6	413.0	424.3
-52.5°	192.4	213.1	232.6	250.9	270.1	289.2	308.2	328.6	347.6	365.0	374.0
-55°	168.8	187.4	205.1	220.4	235.8	251.0	267.3	286.1	303.6	319.8	326.2
-57.5°	147.6	163.5	179.2	192.1	204.7	216.7	231.1	246.9	262.3	276.1	281.4
-60°	128.1	140.7	153.8	165.3	176.3	186.6	199.1	211.9	224.3	234.7	239.2
-62.5°	110.1	120.9	130.8	140.2	149.4	158.7	168.8	179.0	189.0	197.0	201.1
-65°	92.8	101.4	109.4	117.1	124.5	132.3	140.2	148.0	155.4	161.1	164.6
-67.5°	76.6	83.1	89.4	95.4	101.7	108.0	114.2	120.1	125.7	130.1	133.5
-70°	62.1	67.2	72.2	77.1	82.4	87.3	91.9	96.4	100.5	103.7	106.3
-72.5°	50.1	54.2	58.4	63.0	67.2	70.9	74.2	77.4	80.5	82.3	83.7
-75°	40.4	43.9	47.6	51.2	54.7	57.5	60.0	62.3	64.6	64.7	64.3
-77.5°	32.6	35.7	38.6	41.4	44.2	46.0	47.5	49.0	50.6	49.7	48.2
-80°	23.9	26.5	29.0	31.4	33.8	34.9	35.6	36.2	36.7	35.5	34.1
-82.5°	15.9	17.5	19.1	20.7	22.4	23.0	23.5	23.9	24.2	23.1	21.9
-85°	8.9	9.7	10.4	11.2	12.0	12.4	12.8	13.2	13.6	12.9	12.2
-87.5°	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.0	5.1	5.1
-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: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.4	0.4
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.9	1.0
60°	1.8	1.5	1.5	1.5	1.5	1.5	1.8	1.9	2.0	2.9	3.4
57.5°	14.1	12.1	12.4	13.7	12.4	12.1	14.1	15.2	15.3	17.7	17.9
55°	65.7	73.3	76.0	74.5	76.0	73.3	65.7	57.6	49.9	47.5	47.5
52.5°	89.0	92.1	93.3	93.3	93.3	92.1	89.0	84.8	79.4	74.2	69.1
50°	115.8	114.8	113.2	111.5	113.2	114.8	115.8	114.6	110.6	102.8	90.4
47.5°	193.3	190.0	188.6	191.1	188.6	190.0	193.3	191.1	176.2	156.9	142.7
45°	256.9	260.8	263.7	263.6	263.7	260.8	256.9	253.6	237.5	215.3	192.6
42.5°	293.1	295.2	295.8	295.0	295.8	295.2	293.1	289.4	270.8	247.2	221.2
40°	325.4	327.9	329.2	330.5	329.2	327.9	325.4	320.6	305.3	283.2	258.8
37.5°	372.9	373.8	371.8	370.6	371.8	373.8	372.9	369.9	360.7	332.6	312.7
35°	489.5	491.9	486.4	492.2	486.4	491.9	489.5	477.5	463.3	446.7	401.5
32.5°	601.3	612.5	621.6	629.1	621.6	612.5	601.3	589.9	580.3	548.2	489.0
30°	664.7	671.9	675.7	676.7	675.7	671.9	664.7	655.8	643.0	602.0	547.2
27.5°	711.2	718.8	723.5	726.9	723.5	718.8	711.2	703.0	688.1	646.2	592.5
25°	756.0	762.9	767.7	769.5	767.7	762.9	756.0	747.7	729.4	694.0	641.1
22.5°	802.6	807.4	811.9	814.1	811.9	807.4	802.6	792.8	773.0	744.7	688.6
20°	869.2	866.6	870.7	869.4	870.7	866.6	869.2	854.2	833.4	803.9	749.8
17.5°	1005.1	1006.5	1009.3	1013.8	1009.3	1006.5	1005.1	985.3	959.8	933.1	857.9
15°	1176.0	1179.5	1197.0	1212.5	1197.0	1179.5	1176.0	1156.8	1113.4	1075.0	989.1
12.5°	1250.2	1262.1	1263.9	1268.3	1263.9	1262.1	1250.2	1223.1	1193.8	1144.9	1067.0
10°	1274.9	1295.5	1295.1	1300.2	1295.1	1295.5	1274.9	1251.3	1227.5	1185.7	1104.1
7.5°	1293.6	1315.8	1325.2	1329.1	1325.2	1315.8	1293.6	1277.7	1254.1	1213.7	1130.2
5°	1316.6	1328.8	1344.9	1340.3	1344.9	1328.8	1316.6	1296.6	1266.8	1223.8	1147.7
2.5°	1326.2	1345.2	1340.9	1345.3	1340.9	1345.2	1326.2	1299.2	1271.8	1237.2	1170.6
0°	1332.7	1346.4	1348.4	1353.0	1348.4	1346.4	1332.7	1305.8	1277.9	1244.5	1177.1
-2.5°	1324.8	1336.9	1357.9	1351.4	1357.9	1336.9	1324.8	1300.2	1273.6	1239.9	1179.3
-5°	1317.9	1347.6	1336.0	1350.4	1336.0	1347.6	1317.9	1291.7	1265.3	1228.8	1165.4
-7.5°	1314.3	1319.7	1327.3	1338.3	1327.3	1319.7	1314.3	1284.5	1255.6	1217.1	1152.9
-10°	1286.8	1292.3	1306.3	1313.9	1306.3	1292.3	1286.8	1273.1	1239.5	1198.7	1137.2
-12.5°	1257.0	1267.5	1282.3	1287.1	1282.3	1267.5	1257.0	1241.8	1217.8	1173.2	1112.1
-15°	1222.6	1238.2	1252.6	1255.6	1252.6	1238.2	1222.6	1204.7	1178.1	1141.9	1081.8
-17.5°	1178.9	1197.6	1212.7	1216.1	1212.7	1197.6	1178.9	1158.9	1132.8	1100.4	1051.4
-20°	1130.8	1148.7	1161.5	1165.4	1161.5	1148.7	1130.8	1109.8	1085.1	1053.9	1007.8



REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1079.2	1095.3	1106.2	1104.6	1106.2	1095.3	1079.2	1058.3	1035.5	1007.2	957.6
-25°	1024.5	1039.4	1049.8	1048.3	1049.8	1039.4	1024.5	1006.2	983.6	953.5	909.1
-27.5°	966.6	980.7	990.7	991.0	990.7	980.7	966.6	949.0	926.3	896.0	858.1
-30°	905.8	918.7	926.7	923.6	926.7	918.7	905.8	888.8	867.7	838.2	798.2
-32.5°	843.1	854.7	862.1	864.3	862.1	854.7	843.1	828.3	810.5	783.4	740.7
-35°	781.2	791.4	797.8	799.4	797.8	791.4	781.2	767.7	750.3	729.0	686.8
-37.5°	719.7	728.5	733.0	731.0	733.0	728.5	719.7	707.3	691.7	673.3	636.8
-40°	658.9	667.4	672.5	673.7	672.5	667.4	658.9	647.7	633.1	615.2	586.0
-42.5°	599.2	606.2	610.7	612.9	610.7	606.2	599.2	589.5	574.2	554.3	530.8
-45°	541.2	547.5	551.7	554.1	551.7	547.5	541.2	532.5	517.6	498.4	476.4
-47.5°	484.8	490.3	494.0	495.8	494.0	490.3	484.8	477.2	463.9	445.0	423.2
-50°	430.9	435.7	439.1	441.0	439.1	435.7	430.9	424.3	413.0	394.6	373.9
-52.5°	379.8	383.9	386.8	388.3	386.8	383.9	379.8	374.0	365.0	347.6	328.6
-55°	331.0	334.3	337.0	338.6	337.0	334.3	331.0	326.2	319.8	303.6	286.1
-57.5°	285.4	288.2	290.7	292.5	290.7	288.2	285.4	281.4	276.1	262.3	246.9
-60°	242.8	245.4	247.5	248.9	247.5	245.4	242.8	239.2	234.7	224.3	211.9
-62.5°	204.3	206.6	208.6	209.9	208.6	206.6	204.3	201.1	197.0	189.0	179.0
-65°	167.4	169.5	170.9	171.8	170.9	169.5	167.4	164.6	161.1	155.4	148.0
-67.5°	136.4	138.7	139.2	138.9	139.2	138.7	136.4	133.5	130.1	125.7	120.1
-70°	108.6	110.6	111.1	111.0	111.1	110.6	108.6	106.3	103.7	100.5	96.4
-72.5°	84.9	86.0	85.1	83.6	85.1	86.0	84.9	83.7	82.3	80.5	77.4
-75°	63.7	63.1	62.0	60.8	62.0	63.1	63.7	64.3	64.7	64.6	62.3
-77.5°	46.6	44.9	43.8	42.6	43.8	44.9	46.6	48.2	49.7	50.6	49.0
-80°	32.5	30.8	29.6	28.4	29.6	30.8	32.5	34.1	35.5	36.7	36.2
-82.5°	20.6	19.2	18.5	17.7	18.5	19.2	20.6	21.9	23.1	24.2	23.9
-85°	11.4	10.6	10.1	9.6	10.1	10.6	11.4	12.2	12.9	13.6	13.2
-87.5°	5.1	5.1	4.8	4.6	4.8	5.1	5.1	5.1	5.1	5.0	4.9
-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: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	2.8	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3
65°	0.3	0.2	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.6
62.5°	1.0	1.1	0.9	0.8	0.7	0.7	0.8	0.8	0.7	0.6	0.8
60°	3.0	1.8	2.7	2.9	2.3	2.0	3.0	2.8	1.5	1.3	1.1
57.5°	14.7	12.3	13.5	12.3	8.4	7.3	7.6	7.2	6.5	4.0	1.7
55°	50.7	43.4	34.1	29.5	28.4	21.7	16.2	13.5	12.2	8.8	5.8
52.5°	64.4	59.9	52.8	43.1	37.9	35.9	30.7	24.6	19.5	15.6	11.2
50°	80.7	82.0	74.7	61.3	55.9	50.2	45.1	38.0	31.6	25.3	18.7
47.5°	131.7	122.7	115.5	105.4	86.4	74.2	66.2	54.5	45.7	38.2	30.0
45°	175.6	165.3	158.1	142.6	122.4	103.6	91.0	76.4	60.8	50.7	43.3
42.5°	206.8	193.4	181.8	169.1	149.7	128.5	111.3	96.8	80.5	64.0	54.2
40°	237.3	216.1	204.6	193.2	175.0	151.1	137.7	116.5	99.4	81.2	67.7
37.5°	282.8	246.8	242.7	231.8	211.1	186.4	171.3	150.3	118.6	101.5	86.0
35°	359.7	322.6	301.2	290.5	263.7	232.1	207.3	187.7	156.3	122.5	104.6
32.5°	444.5	397.5	365.0	349.7	321.0	278.1	247.5	222.6	191.1	152.8	124.2
30°	492.3	449.5	410.3	384.1	356.3	319.4	284.2	249.1	214.9	183.2	145.3
27.5°	536.8	483.4	441.2	411.7	385.5	350.2	311.2	273.5	236.0	204.7	170.8
25°	579.2	520.1	474.1	439.4	409.0	381.0	337.0	295.8	256.6	222.0	195.6
22.5°	618.8	563.9	510.8	465.4	439.7	409.7	366.3	316.5	278.1	249.1	217.9
20°	683.9	622.4	555.3	516.0	492.1	445.6	396.5	347.3	312.0	278.8	242.1
17.5°	791.2	714.4	634.2	592.1	558.3	501.3	438.7	389.8	345.9	308.8	268.4
15°	908.6	809.9	730.3	676.0	622.4	555.6	483.2	430.4	380.5	338.8	292.6
12.5°	966.7	872.7	802.3	725.8	656.5	596.1	527.5	469.3	412.7	358.3	307.6
10°	1001.3	907.9	828.3	752.0	682.5	624.3	560.7	491.7	428.8	371.2	320.1
7.5°	1028.3	932.0	847.3	771.2	700.9	639.5	578.6	506.3	441.6	381.7	330.2
5°	1046.9	950.8	864.9	788.0	714.0	650.4	591.8	517.3	451.2	389.6	337.8
2.5°	1066.1	965.3	875.9	798.8	722.3	657.3	599.9	525.7	459.0	395.5	344.1
0°	1073.6	973.8	883.5	804.5	726.9	660.0	602.2	531.2	464.3	398.9	348.2
-2.5°	1078.5	976.6	886.5	808.2	733.1	664.3	604.8	537.4	466.0	402.6	349.4
-5°	1071.2	973.3	884.0	805.1	733.2	664.7	603.0	538.4	465.6	403.7	348.5
-7.5°	1062.2	964.7	874.4	797.0	727.9	660.1	597.5	534.3	464.0	402.0	346.8
-10°	1046.9	951.0	865.1	788.6	718.6	650.3	589.6	526.7	458.8	397.4	342.8
-12.5°	1026.7	933.7	848.9	773.2	706.1	640.3	580.8	516.1	449.9	389.7	336.4
-15°	999.9	911.1	828.8	755.0	690.1	627.2	567.8	504.4	441.3	380.3	327.6
-17.5°	970.6	881.3	800.2	730.7	669.2	609.5	551.2	492.1	431.4	371.4	319.8
-20°	937.4	849.6	769.3	702.0	643.9	587.3	533.4	478.4	417.6	361.3	311.5



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

Scaled Data Report



REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	889.5	812.0	738.4	672.4	616.8	565.0	513.1	460.0	399.8	348.5	300.3
-25°	842.2	770.1	704.0	643.2	589.6	540.5	490.0	437.3	383.8	333.5	286.5
-27.5°	795.9	729.2	663.2	608.6	560.5	512.5	465.0	415.1	365.9	316.6	273.6
-30°	745.9	683.5	624.0	572.8	527.2	482.8	440.1	393.6	345.2	298.3	259.6
-32.5°	691.0	636.2	583.8	535.6	492.9	453.6	413.1	369.0	321.2	281.3	243.5
-35°	637.8	587.2	541.9	499.4	460.7	424.7	385.5	341.3	299.3	261.9	225.2
-37.5°	590.0	540.8	498.9	462.3	429.9	395.8	356.7	317.5	278.0	240.2	208.3
-40°	540.7	494.8	457.6	427.8	396.8	366.1	331.7	295.2	256.3	219.4	191.7
-42.5°	492.9	455.8	419.1	389.3	361.6	336.4	307.3	270.6	234.8	202.7	176.1
-45°	446.0	412.3	378.9	351.7	328.6	305.0	279.1	245.6	213.5	185.9	160.9
-47.5°	397.9	369.6	341.6	316.4	295.7	272.8	247.8	219.5	193.1	168.3	146.1
-50°	351.7	328.7	306.1	284.2	263.3	241.0	218.6	195.7	172.2	150.6	130.5
-52.5°	308.2	289.2	270.1	250.9	232.6	213.1	192.4	172.1	151.5	133.4	115.4
-55°	267.3	251.0	235.8	220.4	205.1	187.4	168.8	150.5	134.0	117.4	102.7
-57.5°	231.1	216.7	204.7	192.1	179.2	163.5	147.6	132.1	118.4	104.7	91.1
-60°	199.1	186.6	176.3	165.3	153.8	140.7	128.1	115.8	104.0	92.7	81.0
-62.5°	168.8	158.7	149.4	140.2	130.8	120.9	110.1	100.2	91.0	81.6	71.0
-65°	140.2	132.3	124.5	117.1	109.4	101.4	92.8	85.0	77.5	69.8	60.7
-67.5°	114.2	108.0	101.7	95.4	89.4	83.1	76.6	70.0	63.9	57.6	50.2
-70°	91.9	87.3	82.4	77.1	72.2	67.2	62.1	56.8	51.2	46.1	41.1
-72.5°	74.2	70.9	67.2	63.0	58.4	54.2	50.1	46.0	41.7	37.4	32.9
-75°	60.0	57.5	54.7	51.2	47.6	43.9	40.4	36.8	33.0	28.7	24.6
-77.5°	47.5	46.0	44.2	41.4	38.6	35.7	32.6	28.7	24.8	20.9	17.5
-80°	35.6	34.9	33.8	31.4	29.0	26.5	23.9	20.6	17.2	14.1	11.6
-82.5°	23.5	23.0	22.4	20.7	19.1	17.5	15.9	13.6	11.3	9.2	7.3
-85°	12.8	12.4	12.0	11.2	10.4	9.7	8.9	7.6	6.4	5.2	4.2
-87.5°	4.7	4.6	4.4	4.2	4.1	3.9	3.7	3.3	2.9	2.6	2.2
-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: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
82.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.3	0.2	0.1
77.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.5	0.3	0.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.4
72.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.5
70°	0.1	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.2	0.4	0.5
67.5°	0.2	0.3	0.2	0.1	0.2	0.3	0.5	0.4	0.4	0.3	0.5
65°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5
62.5°	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.7	0.8	0.7	0.6
60°	1.1	1.2	1.1	1.0	0.9	0.8	0.7	0.8	0.9	0.8	0.7
57.5°	1.6	1.5	1.5	1.4	1.2	1.1	1.0	1.0	1.0	1.0	0.9
55°	2.8	1.9	1.9	1.8	1.5	1.3	1.3	1.2	1.2	1.1	1.0
52.5°	7.0	3.9	2.5	2.3	2.0	1.6	1.5	1.5	1.4	1.3	1.2
50°	13.0	8.4	4.8	3.0	2.5	2.1	1.8	1.7	1.6	1.5	1.3
47.5°	20.8	14.5	9.4	4.7	3.3	2.7	2.2	1.9	1.8	1.7	1.4
45°	32.1	21.3	14.8	9.4	4.4	3.7	2.8	2.2	2.0	1.8	1.6
42.5°	44.6	31.3	20.7	14.1	8.4	5.2	3.3	2.6	2.2	2.0	1.7
40°	56.9	43.2	27.8	19.4	12.6	7.0	4.8	3.2	2.4	2.2	1.9
37.5°	70.5	55.9	39.0	25.1	17.0	10.6	6.6	3.7	2.8	2.4	2.1
35°	87.4	69.9	50.2	33.5	22.5	14.0	8.5	4.7	3.4	2.7	2.3
32.5°	104.2	83.9	62.3	43.2	28.2	17.1	11.1	6.7	4.2	2.9	2.4
30°	121.1	96.7	73.7	52.3	34.9	22.1	13.9	8.6	5.0	3.2	2.6
27.5°	136.3	108.9	84.3	61.6	42.6	27.5	16.8	10.5	6.0	3.6	2.8
25°	153.5	121.9	94.8	70.6	49.8	33.0	19.8	12.3	7.4	4.3	3.0
22.5°	175.7	135.4	104.5	78.7	56.8	38.3	23.6	14.8	8.9	5.1	3.3
20°	197.7	148.5	114.0	89.0	64.4	44.3	28.0	17.2	10.3	5.9	3.5
17.5°	219.3	165.3	127.9	99.4	72.6	49.8	32.2	19.6	11.7	6.7	3.7
15°	238.7	184.6	141.5	109.3	80.6	55.0	36.0	21.9	13.0	7.5	3.9
12.5°	254.9	201.2	154.3	118.5	88.3	59.7	39.5	24.2	14.2	8.4	4.3
10°	268.4	215.2	166.1	127.0	95.7	63.9	42.6	26.4	15.5	9.4	4.7
7.5°	279.1	226.8	176.9	134.8	102.3	67.8	46.0	28.7	16.9	10.3	5.0
5°	287.2	235.9	185.3	140.3	107.6	71.5	49.1	30.9	18.1	11.2	5.4
2.5°	292.4	242.6	191.5	144.7	111.8	74.6	51.9	32.8	19.3	12.0	5.8
0°	295.5	247.4	196.2	148.0	115.1	77.1	54.2	34.5	20.3	12.7	6.1
-2.5°	298.3	250.5	200.3	153.8	117.3	81.2	55.7	36.0	21.9	13.2	6.7
-5°	299.2	251.9	202.9	158.4	118.7	84.5	56.7	37.2	23.3	13.6	7.3
-7.5°	297.6	251.0	203.8	160.9	119.3	86.8	57.4	38.2	24.4	13.9	7.8
-10°	294.2	248.3	202.6	160.1	120.2	87.5	57.7	38.9	25.3	14.1	8.2
-12.5°	289.1	244.2	200.0	158.4	120.0	87.0	58.7	39.5	25.7	14.3	8.5
-15°	282.5	238.8	195.9	155.9	118.6	86.0	58.9	39.7	25.6	14.6	8.6
-17.5°	274.6	232.3	190.4	152.7	115.8	84.4	58.4	39.4	25.4	15.0	8.8
-20°	266.8	225.1	183.9	149.0	111.5	82.3	57.1	38.7	24.9	15.3	9.0

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REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	257.6	216.8	178.4	143.7	106.9	79.9	54.8	37.4	24.2	15.4	9.1
-25°	247.0	207.1	171.7	136.4	103.3	77.1	52.5	35.7	23.4	15.4	9.1
-27.5°	235.0	196.7	163.8	128.5	99.6	73.2	50.3	34.4	22.7	15.2	9.0
-30°	221.7	187.0	154.3	120.8	95.0	69.0	47.5	33.0	22.3	14.9	8.7
-32.5°	207.3	176.0	144.1	115.0	89.8	64.6	45.0	31.3	21.8	14.5	8.7
-35°	193.9	164.1	133.7	108.3	84.2	62.0	43.3	29.5	21.0	14.0	8.8
-37.5°	179.5	151.5	125.5	101.3	78.4	59.0	41.9	28.7	20.0	13.4	8.7
-40°	165.6	139.7	115.9	94.6	74.1	55.6	39.8	27.9	19.0	12.6	8.6
-42.5°	151.5	128.5	106.8	87.4	70.0	52.4	37.1	26.5	18.2	12.1	8.4
-45°	138.6	116.9	97.2	81.0	65.4	48.3	35.0	24.7	17.3	11.8	8.2
-47.5°	125.0	105.2	88.3	74.0	59.5	43.8	32.3	23.4	16.1	11.4	8.1
-50°	110.9	94.0	80.0	66.4	52.3	40.1	29.4	21.8	15.7	11.0	7.9
-52.5°	98.6	84.3	71.5	58.6	46.9	35.7	27.3	20.0	15.1	10.7	7.6
-55°	88.0	75.0	63.2	52.2	41.7	32.4	24.8	19.2	14.4	10.4	7.3
-57.5°	78.7	66.4	56.4	46.5	37.3	29.3	23.1	18.2	13.7	9.9	7.0
-60°	69.6	59.5	50.1	41.3	33.2	26.6	21.7	17.0	12.8	9.3	6.6
-62.5°	61.2	52.3	44.1	36.2	29.6	24.4	20.2	15.7	11.8	8.5	6.2
-65°	52.4	44.8	37.9	31.7	26.3	21.9	18.1	14.2	10.5	7.6	5.6
-67.5°	43.2	37.6	32.3	27.1	22.7	19.0	15.8	12.2	8.9	6.5	4.9
-70°	36.0	31.1	26.5	22.4	18.9	15.8	12.9	9.8	7.2	5.6	4.2
-72.5°	28.7	24.7	20.9	17.6	15.1	12.5	9.9	7.5	6.0	4.6	3.4
-75°	21.2	18.5	16.1	13.8	11.5	9.3	7.6	6.0	4.7	3.6	2.9
-77.5°	15.4	13.5	11.7	10.3	8.7	7.2	5.7	4.4	3.6	3.0	2.4
-80°	10.5	9.5	8.5	7.5	6.2	5.0	4.1	3.4	2.9	2.4	1.9
-82.5°	6.6	6.1	5.6	5.0	4.3	3.6	3.0	2.5	2.1	1.8	1.6
-85°	3.9	3.6	3.3	3.0	2.6	2.2	2.1	1.9	1.8	1.6	1.4
-87.5°	2.2	2.1	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4

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Scaled Data Report



REPORT NUMBER: P626540 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.0	0.9	0.8	0.6	0.5	0.5	0.5
87.5°	0.4	0.4	0.5	0.5	0.5	0.5	0.5
85°	0.2	0.3	0.4	0.5	0.5	0.5	0.5
82.5°	0.1	0.3	0.4	0.5	0.5	0.5	0.5
80°	0.0	0.2	0.3	0.4	0.5	0.5	0.5
77.5°	0.2	0.2	0.3	0.4	0.5	0.5	0.5
75°	0.3	0.2	0.3	0.4	0.5	0.5	0.5
72.5°	0.4	0.3	0.3	0.4	0.5	0.5	0.5
70°	0.5	0.4	0.4	0.4	0.5	0.5	0.5
67.5°	0.5	0.5	0.4	0.4	0.5	0.5	0.5
65°	0.5	0.5	0.4	0.4	0.5	0.5	0.5
62.5°	0.6	0.6	0.5	0.4	0.5	0.5	0.5
60°	0.6	0.6	0.5	0.5	0.5	0.5	0.5
57.5°	0.7	0.6	0.5	0.5	0.5	0.5	0.5
55°	0.8	0.7	0.6	0.5	0.5	0.5	0.5
52.5°	1.0	0.8	0.7	0.5	0.5	0.5	0.5
50°	1.1	0.9	0.7	0.5	0.5	0.5	0.5
47.5°	1.2	1.0	0.8	0.5	0.5	0.5	0.5
45°	1.3	1.1	0.8	0.6	0.6	0.5	0.5
42.5°	1.4	1.2	0.9	0.6	0.6	0.5	0.5
40°	1.5	1.3	1.0	0.7	0.6	0.5	0.5
37.5°	1.7	1.3	1.0	0.7	0.6	0.5	0.5
35°	1.8	1.4	1.1	0.8	0.6	0.5	0.5
32.5°	1.9	1.5	1.2	0.9	0.7	0.5	0.5
30°	2.0	1.6	1.2	0.9	0.7	0.5	0.5
27.5°	2.2	1.7	1.3	1.0	0.7	0.5	0.5
25°	2.3	1.7	1.4	1.0	0.7	0.5	0.5
22.5°	2.5	1.8	1.5	1.1	0.8	0.5	0.5
20°	2.6	1.9	1.5	1.2	0.8	0.5	0.5
17.5°	2.8	2.0	1.6	1.2	0.8	0.5	0.5
15°	2.9	2.1	1.7	1.3	0.8	0.5	0.5
12.5°	3.0	2.2	1.7	1.3	0.9	0.5	0.5
10°	3.1	2.2	1.8	1.3	0.9	0.5	0.5
7.5°	3.2	2.3	1.9	1.4	0.9	0.5	0.5
5°	3.3	2.4	1.9	1.4	1.0	0.5	0.5
2.5°	3.4	2.4	2.0	1.5	1.0	0.5	0.5
0°	3.5	2.5	2.0	1.5	1.0	0.5	0.5
-2.5°	3.7	2.6	2.0	1.5	1.0	0.5	0.5
-5°	3.9	2.6	2.1	1.5	1.0	0.5	0.5
-7.5°	4.1	2.6	2.1	1.5	1.0	0.5	0.5
-10°	4.2	2.7	2.1	1.5	1.0	0.5	0.5
-12.5°	4.3	2.7	2.1	1.5	1.0	0.5	0.5
-15°	4.4	2.7	2.2	1.4	1.0	0.5	0.5
-17.5°	4.4	2.8	2.2	1.4	1.0	0.5	0.5
-20°	4.5	2.8	2.1	1.4	0.9	0.5	0.5

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CATALOG NUMBER: GFLD-SA1A-727-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.8	2.8	2.1	1.4	0.9	0.5	0.5
-25°	5.0	3.0	2.1	1.4	0.9	0.5	0.5
-27.5°	5.2	3.2	2.0	1.3	0.9	0.5	0.5
-30°	5.3	3.4	2.0	1.3	0.9	0.5	0.5
-32.5°	5.4	3.6	2.1	1.3	0.8	0.5	0.5
-35°	5.5	3.7	2.1	1.2	0.8	0.5	0.5
-37.5°	5.7	3.8	2.1	1.2	0.8	0.5	0.5
-40°	5.8	3.8	2.2	1.1	0.8	0.5	0.5
-42.5°	5.8	3.9	2.2	1.1	0.7	0.5	0.5
-45°	5.8	3.8	2.2	1.1	0.7	0.5	0.5
-47.5°	5.7	3.8	2.2	1.1	0.7	0.5	0.5
-50°	5.6	3.7	2.1	1.1	0.6	0.5	0.5
-52.5°	5.4	3.6	2.1	1.1	0.6	0.5	0.5
-55°	5.2	3.4	2.0	1.1	0.6	0.5	0.5
-57.5°	5.0	3.2	1.9	1.0	0.5	0.5	0.5
-60°	4.7	3.0	1.7	1.0	0.5	0.5	0.5
-62.5°	4.4	2.8	1.6	0.9	0.5	0.5	0.5
-65°	3.9	2.5	1.5	0.9	0.5	0.5	0.5
-67.5°	3.4	2.2	1.4	0.8	0.5	0.5	0.5
-70°	2.9	2.0	1.3	0.7	0.5	0.5	0.5
-72.5°	2.6	1.8	1.1	0.7	0.5	0.5	0.5
-75°	2.2	1.6	1.0	0.7	0.5	0.5	0.5
-77.5°	1.9	1.3	0.9	0.7	0.5	0.5	0.5
-80°	1.5	1.2	0.9	0.7	0.5	0.5	0.5
-82.5°	1.4	1.1	0.9	0.7	0.5	0.5	0.5
-85°	1.3	1.0	0.8	0.7	0.5	0.5	0.5
-87.5°	1.1	1.0	0.8	0.6	0.5	0.5	0.5
-90°	0.5	0.5	0.5	0.5	0.5	0.5	0.5

(END OF REPORT)