

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: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-727-U-WR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

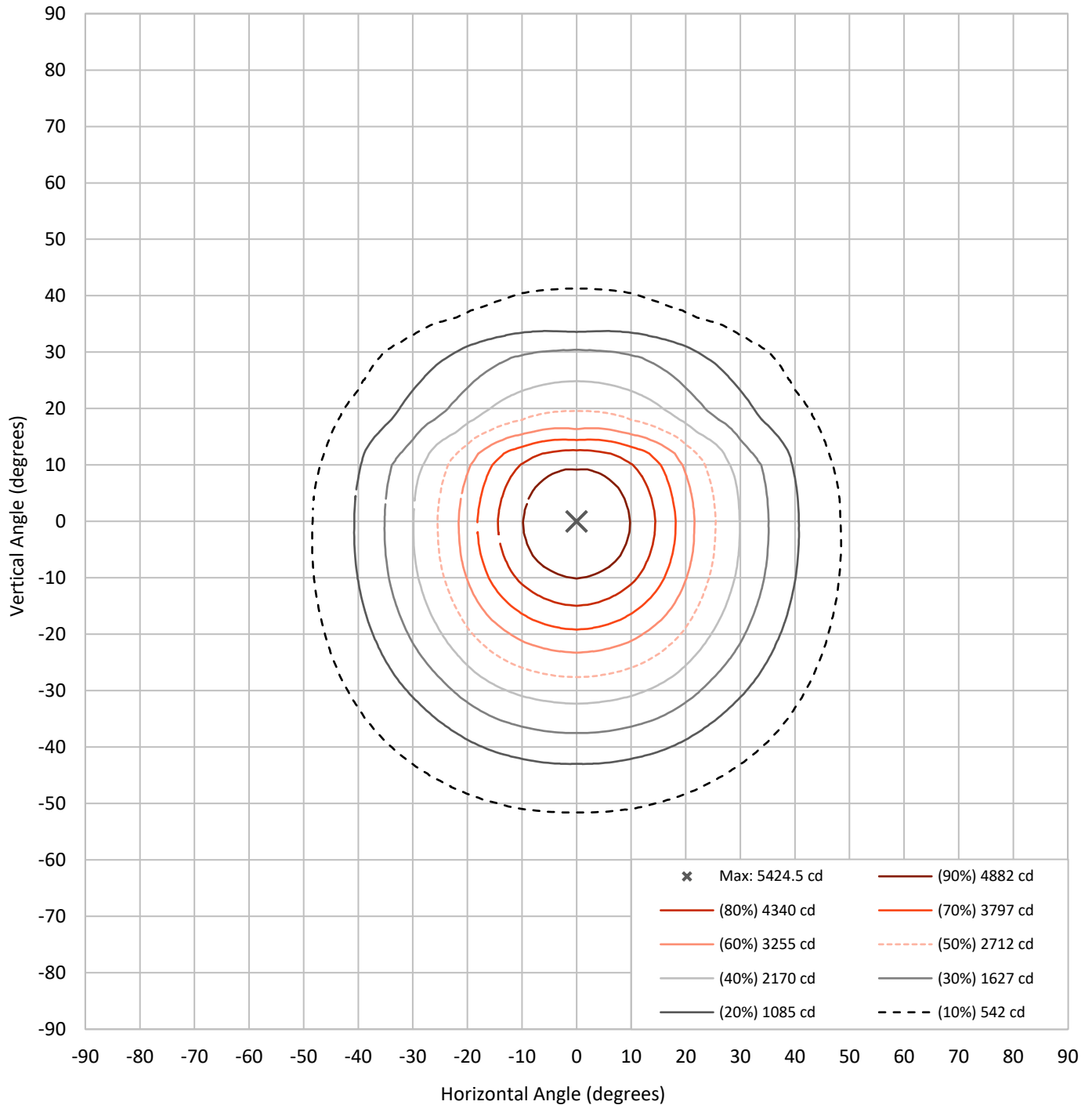
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4785.6 lumens	Max Intensity:	5424.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	2304 lumens	Field Lumens:	4284.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	57.3		
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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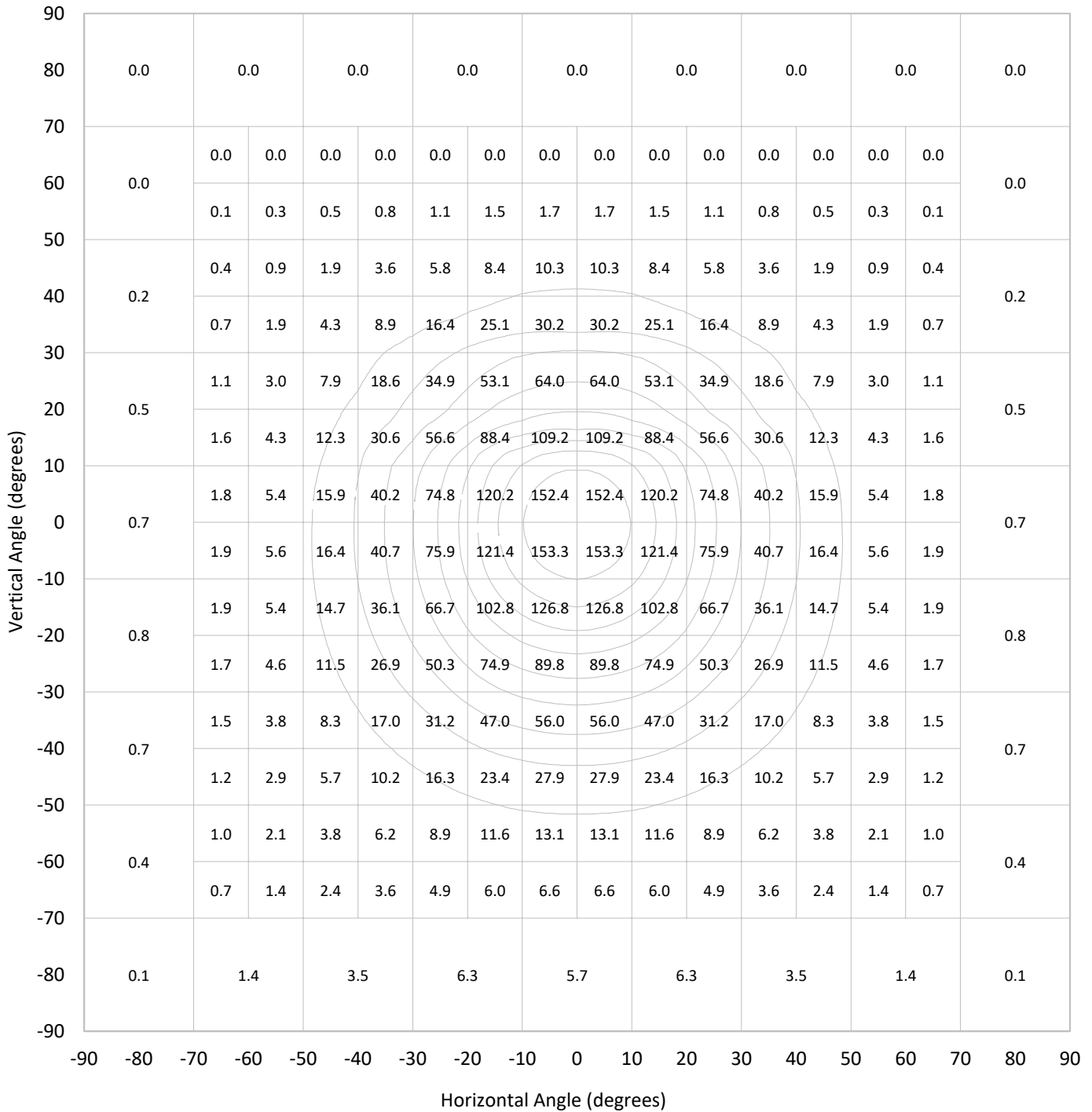
### Iso-Candela Plot





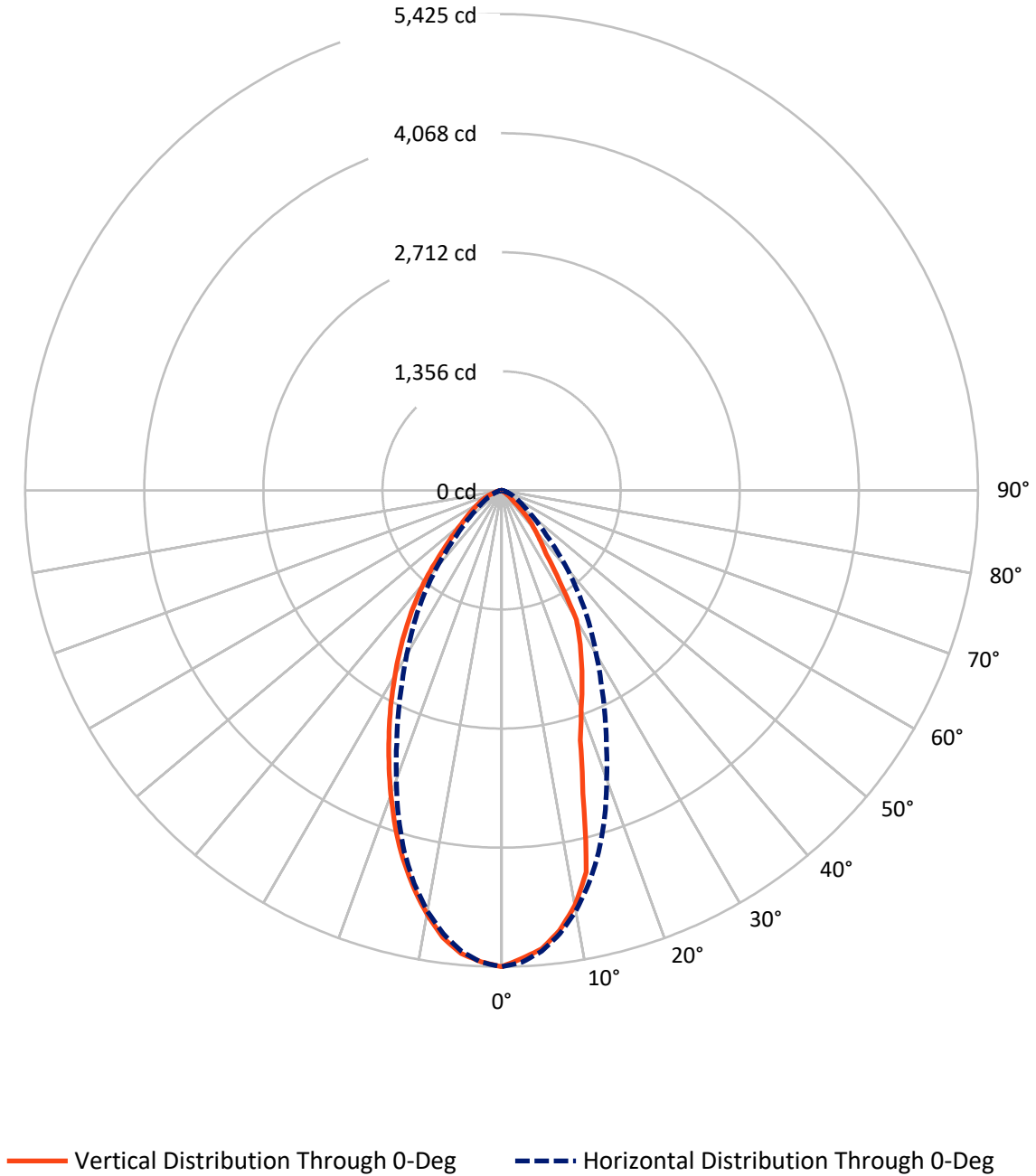
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### Lumen Table



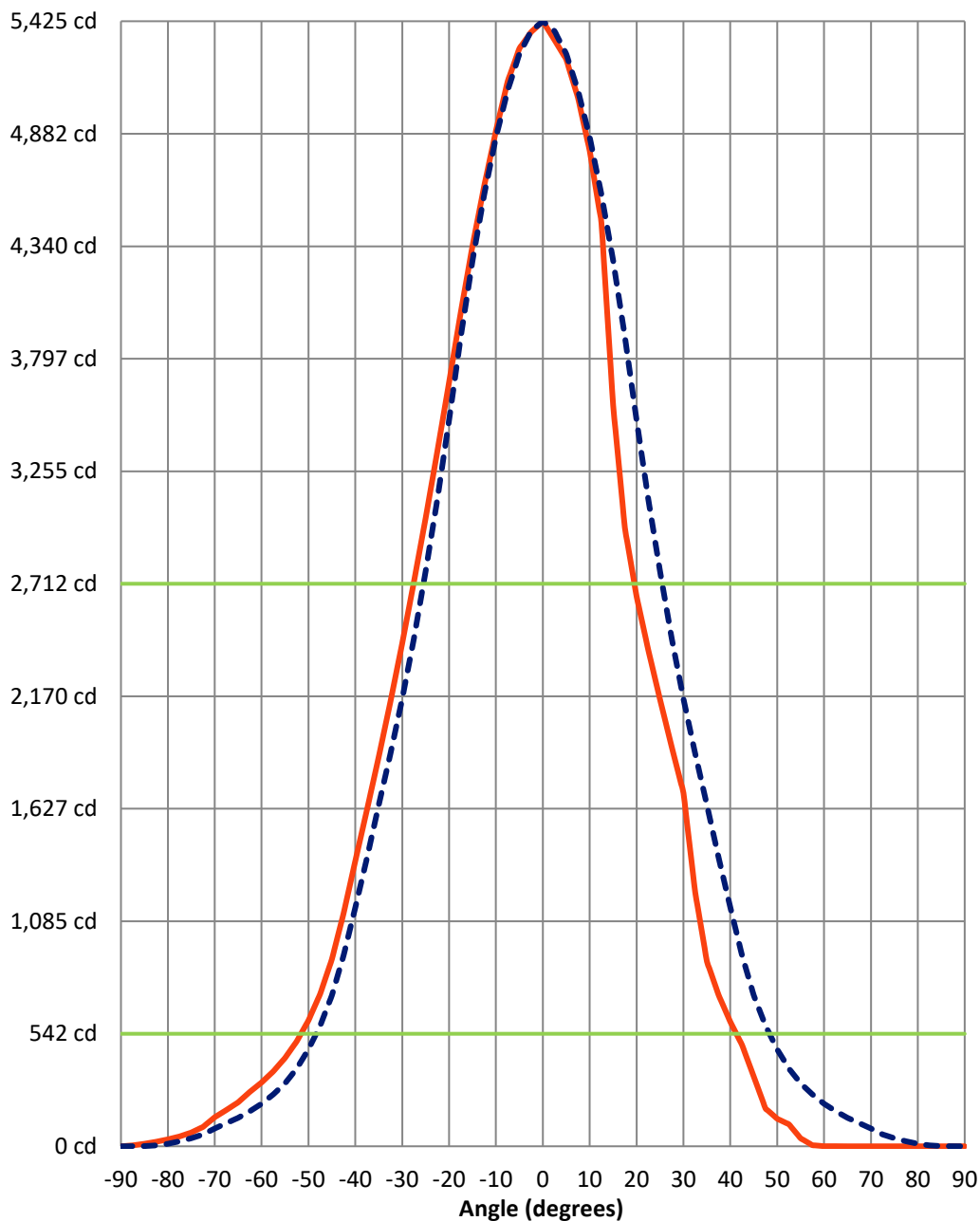
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 2304  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 4284.7  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 500.9  
 Efficiency: 10.5%

- 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.6	0.7	0.8
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.8	1.1	1.6
60°	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.8	1.0	2.6	2.8
57.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.0	2.5	4.3	4.7
55°	0.0	0.2	0.4	0.4	0.6	0.8	1.6	1.5	4.6	6.5	7.3
52.5°	0.0	0.2	0.4	0.4	0.7	1.1	2.2	3.7	6.9	9.7	10.4
50°	0.0	0.3	0.4	0.4	0.9	1.7	3.0	6.0	9.7	13.2	15.9
47.5°	0.0	0.3	0.4	0.4	1.0	2.4	3.9	8.4	13.3	17.0	21.6
45°	0.0	0.3	0.4	0.5	1.1	3.2	6.0	10.9	16.9	22.0	27.2
42.5°	0.0	0.3	0.5	0.6	1.3	4.0	8.1	13.7	20.5	27.0	33.4
40°	0.0	0.3	0.5	0.8	1.7	4.9	10.2	16.8	24.2	31.9	39.9
37.5°	0.0	0.3	0.5	0.9	2.3	5.7	12.3	19.9	28.3	36.8	46.6
35°	0.0	0.3	0.5	1.1	3.0	7.1	14.3	23.0	32.4	42.8	53.8
32.5°	0.0	0.3	0.5	1.3	3.7	8.8	16.5	26.0	36.5	48.9	61.9
30°	0.0	0.3	0.5	1.5	4.3	10.3	18.9	29.0	40.6	55.1	70.1
27.5°	0.0	0.4	0.6	1.7	5.1	11.9	21.3	32.3	45.1	61.5	78.3
25°	0.0	0.4	0.6	2.0	5.9	13.3	23.5	35.6	50.2	68.3	86.6
22.5°	0.0	0.4	0.6	2.2	6.7	14.8	25.7	38.8	55.4	75.1	94.9
20°	0.0	0.4	0.6	2.4	7.4	16.2	27.7	41.8	60.4	81.8	102.9
17.5°	0.0	0.4	0.7	2.7	8.1	17.5	29.7	44.8	65.3	88.3	110.4
15°	0.0	0.4	0.7	2.9	8.8	18.7	31.4	47.4	70.1	94.5	117.5
12.5°	0.0	0.4	0.7	3.2	9.4	19.9	33.0	49.6	74.0	100.5	124.2
10°	0.0	0.4	0.7	3.4	10.1	20.9	34.5	51.6	77.1	104.0	129.4
7.5°	0.0	0.4	0.7	3.7	10.6	21.8	35.8	53.3	79.9	106.7	132.1
5°	0.0	0.4	0.8	3.9	11.1	22.7	36.9	54.8	82.2	108.8	134.3
2.5°	0.0	0.4	0.8	4.1	11.6	23.4	37.9	56.0	84.1	110.5	136.0
0°	0.0	0.4	0.8	4.3	12.0	24.0	38.7	57.0	85.6	111.6	137.2
-2.5°	0.0	0.4	0.9	4.6	12.6	24.8	39.8	58.6	87.3	113.2	139.0
-5°	0.0	0.4	1.0	4.8	13.0	25.4	40.7	60.0	88.5	114.4	140.3
-7.5°	0.0	0.5	1.1	5.0	13.5	25.9	41.3	61.1	89.3	115.1	141.1
-10°	0.0	0.5	1.2	5.2	13.8	26.3	41.9	61.8	89.6	115.4	141.3
-12.5°	0.0	0.5	1.4	5.4	14.0	26.6	42.2	62.3	89.5	115.2	140.6
-15°	0.0	0.5	1.4	5.5	14.2	26.7	42.3	62.4	88.9	114.2	139.3
-17.5°	0.0	0.5	1.5	5.6	14.3	26.7	42.1	62.2	87.7	112.8	137.4
-20°	0.0	0.6	1.6	5.7	14.3	26.5	42.0	61.9	86.3	111.1	134.9

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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	0.6	1.7	5.7	14.2	26.2	42.0	61.4	84.6	109.1	132.0
-25°	0.0	0.6	1.7	5.7	13.9	26.1	41.8	60.6	82.7	106.8	128.6
-27.5°	0.0	0.6	1.8	5.7	13.6	26.0	41.4	59.5	80.5	104.1	125.4
-30°	0.0	0.6	1.8	5.6	13.2	25.8	40.8	58.2	78.6	101.1	122.0
-32.5°	0.0	0.6	1.9	5.5	13.1	25.3	40.0	57.1	76.7	97.9	118.4
-35°	0.0	0.6	1.9	5.3	12.8	24.7	39.2	55.9	74.6	94.6	114.5
-37.5°	0.0	0.6	1.9	5.1	12.4	24.0	38.3	54.4	72.2	91.3	109.9
-40°	0.0	0.6	1.9	4.9	11.9	23.5	37.2	52.8	69.6	88.1	105.0
-42.5°	0.0	0.6	1.8	4.7	11.5	22.7	35.9	50.8	67.2	84.1	99.8
-45°	0.0	0.6	1.8	4.5	11.3	21.8	34.4	48.8	64.7	79.7	94.4
-47.5°	0.0	0.5	1.8	4.2	11.0	20.8	32.7	46.8	61.9	75.2	89.4
-50°	0.0	0.5	1.7	4.2	10.5	19.6	31.1	44.5	58.3	71.1	84.2
-52.5°	0.0	0.5	1.6	4.1	9.9	18.3	29.5	41.9	54.7	66.9	79.0
-55°	0.0	0.5	1.6	4.0	9.3	17.2	27.7	39.2	51.0	62.4	74.1
-57.5°	0.0	0.5	1.5	3.8	8.5	16.0	25.7	36.8	47.0	57.9	69.0
-60°	0.0	0.4	1.4	3.6	7.6	14.7	23.5	33.8	43.0	53.3	63.7
-62.5°	0.0	0.4	1.3	3.3	7.1	13.2	21.5	30.6	39.0	48.5	58.3
-65°	0.0	0.4	1.2	3.0	6.4	11.6	19.2	27.2	34.8	43.3	52.7
-67.5°	0.0	0.3	1.1	2.7	5.8	10.2	16.7	23.7	30.3	37.9	46.4
-70°	0.0	0.3	1.0	2.3	5.0	8.9	14.1	20.2	26.0	32.3	39.7
-72.5°	0.0	0.3	0.9	2.0	4.2	7.5	12.0	16.5	21.7	27.2	32.9
-75°	0.0	0.2	0.8	1.8	3.3	6.1	9.8	13.4	17.2	21.9	26.9
-77.5°	0.0	0.2	0.6	1.5	2.7	4.6	7.6	10.6	13.6	16.9	20.7
-80°	0.0	0.2	0.5	1.2	2.2	3.5	5.2	7.6	10.1	12.8	15.6
-82.5°	0.0	0.1	0.4	0.9	1.7	2.6	3.8	5.1	6.6	8.6	10.7
-85°	0.0	0.1	0.3	0.6	1.1	1.8	2.6	3.4	4.3	5.4	6.5
-87.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.7	2.2	2.7	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





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 CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
65°	0.4	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.7	0.9	1.3	1.0	0.4	0.8	0.9	0.6	0.5	0.5
60°	1.7	1.1	3.0	4.1	2.7	1.4	1.8	3.5	2.9	0.8	2.1
57.5°	3.4	4.2	7.5	7.9	6.1	4.1	9.0	9.9	8.3	5.2	7.5
55°	7.1	10.0	12.7	12.5	12.6	15.8	18.6	18.3	16.1	22.2	28.0
52.5°	13.5	16.5	18.3	19.9	24.4	27.4	28.3	30.0	36.3	43.8	45.2
50°	19.8	22.9	25.2	31.1	35.7	38.1	40.4	46.1	55.6	60.8	61.7
47.5°	26.2	29.7	35.7	42.2	46.7	50.3	54.1	67.2	77.8	82.3	83.9
45°	32.9	38.8	46.4	53.0	58.3	63.1	75.6	93.5	101.0	107.8	125.0
42.5°	39.8	48.8	57.3	64.3	70.1	80.3	97.6	115.0	125.7	140.1	160.9
40°	48.6	58.6	68.6	75.7	83.0	98.4	119.8	138.2	149.6	168.9	192.6
37.5°	57.5	69.3	80.1	87.5	97.8	118.6	143.9	165.9	179.9	195.7	233.8
35°	66.4	80.2	91.2	101.2	113.9	142.6	173.7	198.2	215.6	242.6	290.8
32.5°	75.8	91.3	102.5	116.1	137.0	169.1	207.3	234.5	263.4	302.2	379.4
30°	85.9	101.7	114.6	130.9	158.9	196.4	240.6	274.9	314.1	377.0	460.3
27.5°	95.9	112.0	127.9	148.7	179.4	219.9	266.1	320.1	370.8	441.1	532.2
25°	105.6	122.5	141.0	166.1	199.3	241.7	292.2	354.5	420.6	501.0	607.9
22.5°	114.8	133.2	154.8	181.8	216.1	262.4	322.6	395.8	475.2	558.5	681.4
20°	123.8	145.1	169.9	200.2	231.5	281.4	352.4	440.9	540.4	654.7	775.0
17.5°	132.7	157.0	185.6	219.1	257.1	308.3	382.9	488.3	609.4	758.1	906.3
15°	141.4	168.5	200.7	237.9	283.0	344.1	428.9	544.7	691.1	869.1	1044.7
12.5°	149.9	179.7	215.2	256.2	308.1	377.8	472.2	597.1	764.9	977.6	1193.2
10°	158.0	190.5	228.9	273.9	332.1	409.2	510.5	642.5	820.5	1039.8	1279.6
7.5°	162.1	197.8	240.7	290.7	354.8	438.0	543.8	680.8	864.1	1089.8	1330.2
5°	165.1	201.1	245.1	297.4	367.2	457.6	569.3	712.1	896.1	1127.4	1364.5
2.5°	167.3	203.5	248.3	301.2	372.2	464.1	577.7	723.1	913.3	1147.0	1384.5
0°	168.9	205.0	250.3	303.4	374.7	467.3	581.6	727.7	920.6	1151.5	1391.8
-2.5°	170.6	207.0	252.4	306.8	378.3	471.6	585.9	730.9	926.1	1152.8	1395.7
-5°	171.5	208.1	253.2	308.4	379.4	472.4	585.5	727.8	921.7	1143.8	1387.1
-7.5°	171.8	208.2	252.7	308.1	377.9	468.7	579.4	718.7	906.7	1125.4	1366.2
-10°	171.4	207.3	251.1	305.3	373.7	461.1	568.3	703.0	882.0	1095.2	1330.8
-12.5°	170.2	205.3	248.1	300.7	366.8	450.3	552.7	680.5	847.7	1053.2	1280.9
-15°	168.1	202.4	243.8	294.4	357.4	436.4	532.7	651.4	803.5	999.8	1218.8
-17.5°	165.4	198.6	238.1	286.4	345.3	419.4	508.5	617.3	755.9	940.2	1149.7
-20°	161.8	193.8	231.2	276.6	331.4	401.6	486.0	587.1	711.4	871.9	1068.2

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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°	157.5	188.1	223.8	267.2	319.0	383.1	460.8	552.9	661.4	793.0	979.2
-25°	153.1	182.7	216.6	256.8	304.9	362.2	432.1	516.0	614.2	734.7	888.7
-27.5°	148.8	176.4	208.3	244.8	289.1	340.6	405.0	481.5	569.1	671.5	796.9
-30°	143.9	169.4	199.1	232.1	274.0	321.8	377.5	443.0	520.8	613.4	722.4
-32.5°	138.5	161.9	190.2	221.2	257.7	301.2	349.4	408.7	476.4	552.8	646.9
-35°	133.2	155.5	181.1	209.5	240.3	281.0	325.3	374.5	432.1	499.7	575.1
-37.5°	128.1	148.5	171.4	197.8	226.7	260.5	299.6	344.1	393.6	447.4	512.5
-40°	122.4	141.0	162.6	186.5	212.1	241.4	276.7	314.3	357.1	404.4	454.7
-42.5°	116.2	134.0	153.7	174.4	197.8	224.0	253.3	287.8	323.2	362.9	406.8
-45°	110.1	126.5	144.5	163.4	183.1	206.3	232.9	261.5	292.9	325.3	362.2
-47.5°	103.7	118.7	135.4	151.9	169.3	189.1	211.7	237.7	263.9	292.7	321.3
-50°	97.2	111.3	125.4	140.7	156.4	172.8	191.9	214.4	238.2	262.1	287.3
-52.5°	91.5	103.7	116.4	129.6	143.8	158.4	174.3	192.8	213.7	234.8	256.5
-55°	85.6	96.9	107.4	119.2	131.5	144.6	158.8	174.4	190.1	209.3	228.0
-57.5°	79.9	89.9	99.0	109.1	120.0	131.2	144.0	157.2	171.5	186.0	201.3
-60°	74.1	82.6	90.9	99.6	108.8	118.8	129.0	140.7	152.9	165.5	178.7
-62.5°	68.2	75.1	82.4	90.3	98.4	106.1	114.7	124.2	134.3	145.2	156.4
-65°	61.6	67.2	73.3	80.3	87.9	94.1	100.7	107.8	116.2	125.1	133.9
-67.5°	54.5	59.5	64.5	69.6	75.8	81.3	86.7	92.4	98.7	106.0	113.1
-70°	46.6	51.6	56.0	60.2	64.2	68.1	72.7	77.2	82.2	88.8	95.2
-72.5°	38.5	43.2	47.4	51.0	53.8	56.1	58.9	62.2	67.0	73.1	78.8
-75°	31.2	35.0	38.8	42.3	44.1	44.8	45.4	47.1	52.0	58.2	63.7
-77.5°	24.3	27.6	30.7	33.8	35.0	35.5	35.8	35.8	39.4	44.7	50.2
-80°	17.9	20.2	22.9	25.4	26.2	26.4	26.5	26.3	29.3	33.1	37.2
-82.5°	12.4	14.1	15.8	17.5	17.8	17.7	17.4	17.2	19.5	22.3	25.1
-85°	7.2	7.9	8.9	10.0	10.2	10.1	9.9	9.6	10.9	12.4	14.0
-87.5°	3.6	3.9	4.3	4.6	4.5	4.3	4.1	3.8	4.2	4.6	5.0
-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: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-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°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
60°	2.2	1.3	1.3	1.6	1.4	0.7	1.3	1.6	1.5	1.1	1.0
57.5°	11.1	9.3	6.5	10.9	11.2	7.8	8.5	11.1	10.7	8.3	8.3
55°	28.0	28.4	30.5	33.3	35.3	36.3	37.1	41.3	45.7	50.0	52.2
52.5°	46.3	51.7	58.4	62.9	66.0	72.4	81.3	85.4	89.4	93.9	97.2
50°	68.2	77.6	84.4	85.4	96.0	102.9	104.5	112.2	120.5	125.7	129.5
47.5°	101.4	113.3	119.2	123.0	135.9	150.1	150.1	154.5	175.5	186.4	191.7
45°	146.1	156.0	166.4	193.5	218.4	226.3	243.2	266.1	280.9	301.4	323.9
42.5°	184.1	202.7	228.8	258.6	283.6	304.4	329.5	357.0	390.1	421.1	447.9
40°	221.7	244.8	277.1	309.5	340.9	369.7	410.2	445.6	484.6	527.4	563.0
37.5°	270.9	300.4	333.8	374.7	423.6	455.5	511.2	562.0	606.0	657.6	689.4
35°	346.3	384.8	414.4	497.0	556.5	593.8	659.7	743.3	775.4	840.5	871.3
32.5°	441.1	492.2	570.1	679.5	758.9	827.7	926.3	1011.1	1083.3	1148.6	1216.6
30°	547.6	626.6	741.3	886.7	967.4	1063.8	1196.9	1297.5	1410.9	1535.4	1578.9
27.5°	644.3	762.5	895.7	1013.5	1129.4	1249.4	1380.3	1509.5	1632.2	1735.8	1805.2
25°	734.0	877.1	1006.5	1132.4	1258.0	1393.1	1541.2	1687.7	1822.7	1929.3	2010.3
22.5°	826.4	977.6	1116.1	1243.8	1389.9	1543.0	1700.5	1868.5	2022.2	2132.8	2221.0
20°	913.3	1081.5	1239.4	1384.9	1522.9	1699.7	1881.0	2059.3	2226.7	2358.3	2460.1
17.5°	1051.2	1197.2	1390.3	1579.2	1734.8	1897.2	2139.5	2323.5	2509.2	2666.8	2774.7
15°	1220.6	1381.2	1580.6	1840.0	2053.1	2239.2	2489.5	2788.8	3007.8	3209.1	3347.3
12.5°	1390.2	1571.8	1787.4	2079.4	2382.8	2602.0	2905.7	3284.9	3540.1	3851.7	4005.4
10°	1520.1	1748.2	1970.3	2236.7	2528.1	2840.2	3167.6	3522.4	3863.3	4130.9	4370.1
7.5°	1572.5	1815.4	2072.5	2344.3	2635.7	2957.8	3306.7	3675.9	4026.7	4325.6	4588.6
5°	1611.6	1860.4	2119.2	2397.2	2708.7	3045.1	3399.2	3786.8	4145.1	4465.5	4734.5
2.5°	1636.4	1887.6	2145.3	2428.0	2755.6	3101.9	3467.4	3865.3	4229.0	4558.7	4826.9
0°	1646.0	1893.5	2157.4	2448.4	2772.7	3119.9	3501.1	3903.7	4270.3	4589.1	4865.0
-2.5°	1647.2	1888.0	2158.2	2447.8	2758.1	3108.5	3494.4	3893.6	4252.7	4570.3	4848.6
-5°	1634.3	1875.0	2145.4	2430.6	2741.4	3089.1	3458.4	3844.2	4186.7	4495.8	4763.8
-7.5°	1608.1	1848.2	2112.6	2391.2	2693.6	3030.9	3385.6	3744.2	4080.2	4376.7	4632.5
-10°	1569.2	1804.2	2059.5	2331.0	2617.1	2937.9	3276.1	3618.8	3933.9	4208.1	4444.5
-12.5°	1516.6	1746.1	1989.9	2249.1	2515.4	2821.3	3140.6	3462.4	3749.6	3999.9	4212.1
-15°	1448.1	1672.3	1908.4	2153.5	2411.8	2688.4	2975.0	3270.2	3535.0	3757.0	3950.8
-17.5°	1367.6	1585.0	1809.2	2036.4	2281.5	2541.0	2807.0	3072.0	3297.9	3495.1	3672.3
-20°	1277.7	1487.3	1700.2	1912.0	2134.3	2374.4	2620.1	2852.8	3050.3	3229.4	3391.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1177.0	1377.6	1581.7	1779.9	1980.4	2197.7	2417.2	2627.6	2812.3	2965.6	3106.5
-25°	1069.2	1254.5	1447.2	1633.1	1817.6	2012.4	2211.7	2405.3	2567.8	2700.9	2817.4
-27.5°	960.6	1129.9	1299.6	1474.6	1645.2	1824.9	2005.4	2172.6	2318.6	2441.1	2539.0
-30°	846.4	997.7	1152.8	1311.1	1474.0	1638.5	1801.5	1948.0	2075.3	2183.1	2267.7
-32.5°	751.5	866.5	1003.3	1147.1	1299.7	1449.6	1591.5	1724.9	1844.9	1939.0	2010.8
-35°	660.5	757.9	860.4	987.6	1118.8	1256.7	1387.2	1506.3	1613.3	1695.5	1763.0
-37.5°	582.3	659.3	746.0	836.9	946.8	1060.8	1178.6	1290.6	1386.0	1457.7	1518.0
-40°	514.6	575.4	644.7	716.7	797.6	879.5	982.0	1076.6	1154.5	1221.5	1276.1
-42.5°	453.4	504.7	555.9	615.0	676.0	741.8	813.8	883.8	943.5	999.6	1046.0
-45°	400.6	441.6	482.4	528.0	572.8	626.4	677.8	723.7	772.1	814.1	847.1
-47.5°	354.4	386.4	421.4	455.5	491.5	531.8	570.0	605.0	640.4	671.2	695.8
-50°	313.4	339.9	368.4	395.3	424.4	453.8	482.1	509.9	536.8	560.2	578.4
-52.5°	277.4	300.6	322.8	344.2	367.3	389.2	409.7	432.5	453.6	472.0	484.5
-55°	246.9	265.8	284.0	301.8	319.3	335.8	352.1	369.9	386.2	400.8	410.1
-57.5°	218.1	234.2	249.7	264.2	278.1	291.2	305.0	318.6	331.2	342.2	349.4
-60°	192.0	205.1	218.5	230.4	241.5	252.0	263.6	274.6	284.7	293.2	298.1
-62.5°	168.0	179.8	189.7	199.1	208.6	218.1	226.3	234.4	242.2	248.7	253.1
-65°	143.0	152.9	161.3	168.9	175.7	183.1	190.1	196.5	202.1	206.4	209.1
-67.5°	120.6	128.0	134.7	140.7	146.8	152.7	158.1	162.9	167.1	170.1	172.0
-70°	101.2	106.8	112.3	117.7	123.2	127.7	131.7	135.2	138.5	139.9	140.5
-72.5°	84.1	89.1	93.9	98.7	103.2	106.8	109.7	112.3	114.6	112.6	109.0
-75°	68.5	72.9	77.5	81.7	85.7	88.4	90.6	92.5	94.3	89.9	83.8
-77.5°	55.9	59.7	63.0	66.4	69.6	71.4	72.7	74.1	75.3	70.4	64.2
-80°	41.4	44.5	47.4	50.2	52.9	53.9	54.5	54.9	55.1	50.9	46.0
-82.5°	28.0	29.6	31.2	32.8	34.5	35.3	36.0	36.5	36.8	33.8	30.4
-85°	15.7	16.2	16.6	16.9	17.2	17.7	18.2	18.7	19.1	17.7	16.1
-87.5°	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.0	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
60°	0.8	0.5	0.4	0.4	0.4	0.5	0.8	1.0	1.1	1.5	1.6
57.5°	7.7	6.7	6.0	5.4	6.0	6.7	7.7	8.3	8.3	10.7	11.1
55°	51.3	47.8	43.5	38.4	43.5	47.8	51.3	52.2	50.0	45.7	41.3
52.5°	100.7	104.0	105.9	105.8	105.9	104.0	100.7	97.2	93.9	89.4	85.4
50°	132.5	134.3	134.4	132.9	134.4	134.3	132.5	129.5	125.7	120.5	112.2
47.5°	194.1	191.6	187.2	182.5	187.2	191.6	194.1	191.7	186.4	175.5	154.5
45°	338.7	346.9	346.4	335.9	346.4	346.9	338.7	323.9	301.4	280.9	266.1
42.5°	462.9	475.2	483.8	488.2	483.8	475.2	462.9	447.9	421.1	390.1	357.0
40°	583.1	594.9	600.1	599.8	600.1	594.9	583.1	563.0	527.4	484.6	445.6
37.5°	710.1	725.3	732.7	729.2	732.7	725.3	710.1	689.4	657.6	606.0	562.0
35°	884.7	899.0	899.2	891.9	899.2	899.0	884.7	871.3	840.5	775.4	743.3
32.5°	1270.6	1275.3	1238.6	1225.6	1238.6	1275.3	1270.6	1216.6	1148.6	1083.3	1011.1
30°	1622.3	1656.2	1687.7	1703.7	1687.7	1656.2	1622.3	1578.9	1535.4	1410.9	1297.5
27.5°	1857.6	1898.4	1923.7	1925.3	1923.7	1898.4	1857.6	1805.2	1735.8	1632.2	1509.5
25°	2071.7	2117.3	2144.9	2154.3	2144.9	2117.3	2071.7	2010.3	1929.3	1822.7	1687.7
22.5°	2295.9	2349.6	2385.3	2392.6	2385.3	2349.6	2295.9	2221.0	2132.8	2022.2	1868.5
20°	2556.1	2618.6	2652.8	2651.4	2652.8	2618.6	2556.1	2460.1	2358.3	2226.7	2059.3
17.5°	2898.6	2965.7	2995.2	2982.3	2995.2	2965.7	2898.6	2774.7	2666.8	2509.2	2323.5
15°	3489.0	3629.4	3628.9	3572.8	3628.9	3629.4	3489.0	3347.3	3209.1	3007.8	2788.8
12.5°	4217.3	4321.9	4429.3	4452.4	4429.3	4321.9	4217.3	4005.4	3851.7	3540.1	3284.9
10°	4571.6	4710.6	4802.4	4799.9	4802.4	4710.6	4571.6	4370.1	4130.9	3863.3	3522.4
7.5°	4793.4	4946.9	5058.0	5055.6	5058.0	4946.9	4793.4	4588.6	4325.6	4026.7	3675.9
5°	4964.4	5134.7	5233.2	5240.5	5233.2	5134.7	4964.4	4734.5	4465.5	4145.1	3786.8
2.5°	5053.4	5231.1	5349.5	5333.8	5349.5	5231.1	5053.4	4826.9	4558.7	4229.0	3865.3
0°	5090.5	5266.4	5376.9	5424.5	5376.9	5266.4	5090.5	4865.0	4589.1	4270.3	3903.7
-2.5°	5074.3	5245.5	5367.5	5372.2	5367.5	5245.5	5074.3	4848.6	4570.3	4252.7	3893.6
-5°	4987.3	5168.0	5249.7	5293.2	5249.7	5168.0	4987.3	4763.8	4495.8	4186.7	3844.2
-7.5°	4847.1	4982.5	5086.3	5134.3	5086.3	4982.5	4847.1	4632.5	4376.7	4080.2	3744.2
-10°	4628.9	4769.1	4856.8	4896.4	4856.8	4769.1	4628.9	4444.5	4208.1	3933.9	3618.8
-12.5°	4387.1	4514.5	4598.0	4631.4	4598.0	4514.5	4387.1	4212.1	3999.9	3749.6	3462.4
-15°	4117.4	4233.1	4309.9	4341.9	4309.9	4233.1	4117.4	3950.8	3757.0	3535.0	3270.2
-17.5°	3820.6	3921.9	3998.4	4021.5	3998.4	3921.9	3820.6	3672.3	3495.1	3297.9	3072.0
-20°	3515.3	3606.9	3669.9	3683.6	3669.9	3606.9	3515.3	3391.6	3229.4	3050.3	2852.8



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3207.7	3283.1	3334.3	3351.6	3334.3	3283.1	3207.7	3106.5	2965.6	2812.3	2627.6
-25°	2907.1	2972.2	3013.4	3028.8	3013.4	2972.2	2907.1	2817.4	2700.9	2567.8	2405.3
-27.5°	2617.9	2678.6	2716.5	2721.6	2716.5	2678.6	2617.9	2539.0	2441.1	2318.6	2172.6
-30°	2333.5	2383.6	2412.8	2425.1	2412.8	2383.6	2333.5	2267.7	2183.1	2075.3	1948.0
-32.5°	2067.6	2111.4	2137.6	2144.6	2137.6	2111.4	2067.6	2010.8	1939.0	1844.9	1724.9
-35°	1816.6	1857.1	1880.3	1878.4	1880.3	1857.1	1816.6	1763.0	1695.5	1613.3	1506.3
-37.5°	1567.8	1605.1	1626.2	1624.3	1626.2	1605.1	1567.8	1518.0	1457.7	1386.0	1290.6
-40°	1321.0	1353.2	1371.8	1376.3	1371.8	1353.2	1321.0	1276.1	1221.5	1154.5	1076.6
-42.5°	1084.5	1114.3	1129.2	1123.3	1129.2	1114.3	1084.5	1046.0	999.6	943.5	883.8
-45°	870.2	885.6	895.7	902.0	895.7	885.6	870.2	847.1	814.1	772.1	723.7
-47.5°	713.8	726.6	733.4	734.6	733.4	726.6	713.8	695.8	671.2	640.4	605.0
-50°	592.5	603.4	608.1	606.8	608.1	603.4	592.5	578.4	560.2	536.8	509.9
-52.5°	493.4	499.7	504.0	506.0	504.0	499.7	493.4	484.5	472.0	453.6	432.5
-55°	417.1	422.0	424.8	425.8	424.8	422.0	417.1	410.1	400.8	386.2	369.9
-57.5°	355.3	360.0	361.7	361.1	361.7	360.0	355.3	349.4	342.2	331.2	318.6
-60°	302.0	304.7	306.6	307.6	306.6	304.7	302.0	298.1	293.2	284.7	274.6
-62.5°	256.5	259.1	261.1	262.3	261.1	259.1	256.5	253.1	248.7	242.2	234.4
-65°	211.0	212.1	212.4	211.9	212.4	212.1	211.0	209.1	206.4	202.1	196.5
-67.5°	173.5	174.4	175.0	175.1	175.0	174.4	173.5	172.0	170.1	167.1	162.9
-70°	141.1	141.4	141.0	139.9	141.0	141.4	141.1	140.5	139.9	138.5	135.2
-72.5°	105.4	101.5	97.7	93.4	97.7	101.5	105.4	109.0	112.6	114.6	112.3
-75°	77.4	70.9	68.6	66.3	68.6	70.9	77.4	83.8	89.9	94.3	92.5
-77.5°	57.6	50.8	49.0	47.3	49.0	50.8	57.6	64.2	70.4	75.3	74.1
-80°	40.9	35.6	34.4	33.3	34.4	35.6	40.9	46.0	50.9	55.1	54.9
-82.5°	26.9	23.1	22.4	21.7	22.4	23.1	26.9	30.4	33.8	36.8	36.5
-85°	14.5	12.7	12.4	12.0	12.4	12.7	14.5	16.1	17.7	19.1	18.7
-87.5°	4.5	4.3	4.3	4.3	4.3	4.3	4.5	4.8	5.0	5.2	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: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
65°	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.9
60°	1.3	0.7	1.4	1.6	1.3	1.3	2.2	2.1	0.8	2.9	3.5
57.5°	8.5	7.8	11.2	10.9	6.5	9.3	11.1	7.5	5.2	8.3	9.9
55°	37.1	36.3	35.3	33.3	30.5	28.4	28.0	28.0	22.2	16.1	18.3
52.5°	81.3	72.4	66.0	62.9	58.4	51.7	46.3	45.2	43.8	36.3	30.0
50°	104.5	102.9	96.0	85.4	84.4	77.6	68.2	61.7	60.8	55.6	46.1
47.5°	150.1	150.1	135.9	123.0	119.2	113.3	101.4	83.9	82.3	77.8	67.2
45°	243.2	226.3	218.4	193.5	166.4	156.0	146.1	125.0	107.8	101.0	93.5
42.5°	329.5	304.4	283.6	258.6	228.8	202.7	184.1	160.9	140.1	125.7	115.0
40°	410.2	369.7	340.9	309.5	277.1	244.8	221.7	192.6	168.9	149.6	138.2
37.5°	511.2	455.5	423.6	374.7	333.8	300.4	270.9	233.8	195.7	179.9	165.9
35°	659.7	593.8	556.5	497.0	414.4	384.8	346.3	290.8	242.6	215.6	198.2
32.5°	926.3	827.7	758.9	679.5	570.1	492.2	441.1	379.4	302.2	263.4	234.5
30°	1196.9	1063.8	967.4	886.7	741.3	626.6	547.6	460.3	377.0	314.1	274.9
27.5°	1380.3	1249.4	1129.4	1013.5	895.7	762.5	644.3	532.2	441.1	370.8	320.1
25°	1541.2	1393.1	1258.0	1132.4	1006.5	877.1	734.0	607.9	501.0	420.6	354.5
22.5°	1700.5	1543.0	1389.9	1243.8	1116.1	977.6	826.4	681.4	558.5	475.2	395.8
20°	1881.0	1699.7	1522.9	1384.9	1239.4	1081.5	913.3	775.0	654.7	540.4	440.9
17.5°	2139.5	1897.2	1734.8	1579.2	1390.3	1197.2	1051.2	906.3	758.1	609.4	488.3
15°	2489.5	2239.2	2053.1	1840.0	1580.6	1381.2	1220.6	1044.7	869.1	691.1	544.7
12.5°	2905.7	2602.0	2382.8	2079.4	1787.4	1571.8	1390.2	1193.2	977.6	764.9	597.1
10°	3167.6	2840.2	2528.1	2236.7	1970.3	1748.2	1520.1	1279.6	1039.8	820.5	642.5
7.5°	3306.7	2957.8	2635.7	2344.3	2072.5	1815.4	1572.5	1330.2	1089.8	864.1	680.8
5°	3399.2	3045.1	2708.7	2397.2	2119.2	1860.4	1611.6	1364.5	1127.4	896.1	712.1
2.5°	3467.4	3101.9	2755.6	2428.0	2145.3	1887.6	1636.4	1384.5	1147.0	913.3	723.1
0°	3501.1	3119.9	2772.7	2448.4	2157.4	1893.5	1646.0	1391.8	1151.5	920.6	727.7
-2.5°	3494.4	3108.5	2758.1	2447.8	2158.2	1888.0	1647.2	1395.7	1152.8	926.1	730.9
-5°	3458.4	3089.1	2741.4	2430.6	2145.4	1875.0	1634.3	1387.1	1143.8	921.7	727.8
-7.5°	3385.6	3030.9	2693.6	2391.2	2112.6	1848.2	1608.1	1366.2	1125.4	906.7	718.7
-10°	3276.1	2937.9	2617.1	2331.0	2059.5	1804.2	1569.2	1330.8	1095.2	882.0	703.0
-12.5°	3140.6	2821.3	2515.4	2249.1	1989.9	1746.1	1516.6	1280.9	1053.2	847.7	680.5
-15°	2975.0	2688.4	2411.8	2153.5	1908.4	1672.3	1448.1	1218.8	999.8	803.5	651.4
-17.5°	2807.0	2541.0	2281.5	2036.4	1809.2	1585.0	1367.6	1149.7	940.2	755.9	617.3
-20°	2620.1	2374.4	2134.3	1912.0	1700.2	1487.3	1277.7	1068.2	871.9	711.4	587.1





REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2417.2	2197.7	1980.4	1779.9	1581.7	1377.6	1177.0	979.2	793.0	661.4	552.9
-25°	2211.7	2012.4	1817.6	1633.1	1447.2	1254.5	1069.2	888.7	734.7	614.2	516.0
-27.5°	2005.4	1824.9	1645.2	1474.6	1299.6	1129.9	960.6	796.9	671.5	569.1	481.5
-30°	1801.5	1638.5	1474.0	1311.1	1152.8	997.7	846.4	722.4	613.4	520.8	443.0
-32.5°	1591.5	1449.6	1299.7	1147.1	1003.3	866.5	751.5	646.9	552.8	476.4	408.7
-35°	1387.2	1256.7	1118.8	987.6	860.4	757.9	660.5	575.1	499.7	432.1	374.5
-37.5°	1178.6	1060.8	946.8	836.9	746.0	659.3	582.3	512.5	447.4	393.6	344.1
-40°	982.0	879.5	797.6	716.7	644.7	575.4	514.6	454.7	404.4	357.1	314.3
-42.5°	813.8	741.8	676.0	615.0	555.9	504.7	453.4	406.8	362.9	323.2	287.8
-45°	677.8	626.4	572.8	528.0	482.4	441.6	400.6	362.2	325.3	292.9	261.5
-47.5°	570.0	531.8	491.5	455.5	421.4	386.4	354.4	321.3	292.7	263.9	237.7
-50°	482.1	453.8	424.4	395.3	368.4	339.9	313.4	287.3	262.1	238.2	214.4
-52.5°	409.7	389.2	367.3	344.2	322.8	300.6	277.4	256.5	234.8	213.7	192.8
-55°	352.1	335.8	319.3	301.8	284.0	265.8	246.9	228.0	209.3	190.1	174.4
-57.5°	305.0	291.2	278.1	264.2	249.7	234.2	218.1	201.3	186.0	171.5	157.2
-60°	263.6	252.0	241.5	230.4	218.5	205.1	192.0	178.7	165.5	152.9	140.7
-62.5°	226.3	218.1	208.6	199.1	189.7	179.8	168.0	156.4	145.2	134.3	124.2
-65°	190.1	183.1	175.7	168.9	161.3	152.9	143.0	133.9	125.1	116.2	107.8
-67.5°	158.1	152.7	146.8	140.7	134.7	128.0	120.6	113.1	106.0	98.7	92.4
-70°	131.7	127.7	123.2	117.7	112.3	106.8	101.2	95.2	88.8	82.2	77.2
-72.5°	109.7	106.8	103.2	98.7	93.9	89.1	84.1	78.8	73.1	67.0	62.2
-75°	90.6	88.4	85.7	81.7	77.5	72.9	68.5	63.7	58.2	52.0	47.1
-77.5°	72.7	71.4	69.6	66.4	63.0	59.7	55.9	50.2	44.7	39.4	35.8
-80°	54.5	53.9	52.9	50.2	47.4	44.5	41.4	37.2	33.1	29.3	26.3
-82.5°	36.0	35.3	34.5	32.8	31.2	29.6	28.0	25.1	22.3	19.5	17.2
-85°	18.2	17.7	17.2	16.9	16.6	16.2	15.7	14.0	12.4	10.9	9.6
-87.5°	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.0	4.6	4.2	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
65°	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.8	0.7	0.6	0.4
62.5°	0.8	0.4	1.0	1.3	0.9	0.7	0.6	1.6	1.1	0.8	0.5
60°	1.8	1.4	2.7	4.1	3.0	1.1	1.7	2.8	2.6	1.0	0.8
57.5°	9.0	4.1	6.1	7.9	7.5	4.2	3.4	4.7	4.3	2.5	1.0
55°	18.6	15.8	12.6	12.5	12.7	10.0	7.1	7.3	6.5	4.6	1.5
52.5°	28.3	27.4	24.4	19.9	18.3	16.5	13.5	10.4	9.7	6.9	3.7
50°	40.4	38.1	35.7	31.1	25.2	22.9	19.8	15.9	13.2	9.7	6.0
47.5°	54.1	50.3	46.7	42.2	35.7	29.7	26.2	21.6	17.0	13.3	8.4
45°	75.6	63.1	58.3	53.0	46.4	38.8	32.9	27.2	22.0	16.9	10.9
42.5°	97.6	80.3	70.1	64.3	57.3	48.8	39.8	33.4	27.0	20.5	13.7
40°	119.8	98.4	83.0	75.7	68.6	58.6	48.6	39.9	31.9	24.2	16.8
37.5°	143.9	118.6	97.8	87.5	80.1	69.3	57.5	46.6	36.8	28.3	19.9
35°	173.7	142.6	113.9	101.2	91.2	80.2	66.4	53.8	42.8	32.4	23.0
32.5°	207.3	169.1	137.0	116.1	102.5	91.3	75.8	61.9	48.9	36.5	26.0
30°	240.6	196.4	158.9	130.9	114.6	101.7	85.9	70.1	55.1	40.6	29.0
27.5°	266.1	219.9	179.4	148.7	127.9	112.0	95.9	78.3	61.5	45.1	32.3
25°	292.2	241.7	199.3	166.1	141.0	122.5	105.6	86.6	68.3	50.2	35.6
22.5°	322.6	262.4	216.1	181.8	154.8	133.2	114.8	94.9	75.1	55.4	38.8
20°	352.4	281.4	231.5	200.2	169.9	145.1	123.8	102.9	81.8	60.4	41.8
17.5°	382.9	308.3	257.1	219.1	185.6	157.0	132.7	110.4	88.3	65.3	44.8
15°	428.9	344.1	283.0	237.9	200.7	168.5	141.4	117.5	94.5	70.1	47.4
12.5°	472.2	377.8	308.1	256.2	215.2	179.7	149.9	124.2	100.5	74.0	49.6
10°	510.5	409.2	332.1	273.9	228.9	190.5	158.0	129.4	104.0	77.1	51.6
7.5°	543.8	438.0	354.8	290.7	240.7	197.8	162.1	132.1	106.7	79.9	53.3
5°	569.3	457.6	367.2	297.4	245.1	201.1	165.1	134.3	108.8	82.2	54.8
2.5°	577.7	464.1	372.2	301.2	248.3	203.5	167.3	136.0	110.5	84.1	56.0
0°	581.6	467.3	374.7	303.4	250.3	205.0	168.9	137.2	111.6	85.6	57.0
-2.5°	585.9	471.6	378.3	306.8	252.4	207.0	170.6	139.0	113.2	87.3	58.6
-5°	585.5	472.4	379.4	308.4	253.2	208.1	171.5	140.3	114.4	88.5	60.0
-7.5°	579.4	468.7	377.9	308.1	252.7	208.2	171.8	141.1	115.1	89.3	61.1
-10°	568.3	461.1	373.7	305.3	251.1	207.3	171.4	141.3	115.4	89.6	61.8
-12.5°	552.7	450.3	366.8	300.7	248.1	205.3	170.2	140.6	115.2	89.5	62.3
-15°	532.7	436.4	357.4	294.4	243.8	202.4	168.1	139.3	114.2	88.9	62.4
-17.5°	508.5	419.4	345.3	286.4	238.1	198.6	165.4	137.4	112.8	87.7	62.2
-20°	486.0	401.6	331.4	276.6	231.2	193.8	161.8	134.9	111.1	86.3	61.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	460.8	383.1	319.0	267.2	223.8	188.1	157.5	132.0	109.1	84.6	61.4
-25°	432.1	362.2	304.9	256.8	216.6	182.7	153.1	128.6	106.8	82.7	60.6
-27.5°	405.0	340.6	289.1	244.8	208.3	176.4	148.8	125.4	104.1	80.5	59.5
-30°	377.5	321.8	274.0	232.1	199.1	169.4	143.9	122.0	101.1	78.6	58.2
-32.5°	349.4	301.2	257.7	221.2	190.2	161.9	138.5	118.4	97.9	76.7	57.1
-35°	325.3	281.0	240.3	209.5	181.1	155.5	133.2	114.5	94.6	74.6	55.9
-37.5°	299.6	260.5	226.7	197.8	171.4	148.5	128.1	109.9	91.3	72.2	54.4
-40°	276.7	241.4	212.1	186.5	162.6	141.0	122.4	105.0	88.1	69.6	52.8
-42.5°	253.3	224.0	197.8	174.4	153.7	134.0	116.2	99.8	84.1	67.2	50.8
-45°	232.9	206.3	183.1	163.4	144.5	126.5	110.1	94.4	79.7	64.7	48.8
-47.5°	211.7	189.1	169.3	151.9	135.4	118.7	103.7	89.4	75.2	61.9	46.8
-50°	191.9	172.8	156.4	140.7	125.4	111.3	97.2	84.2	71.1	58.3	44.5
-52.5°	174.3	158.4	143.8	129.6	116.4	103.7	91.5	79.0	66.9	54.7	41.9
-55°	158.8	144.6	131.5	119.2	107.4	96.9	85.6	74.1	62.4	51.0	39.2
-57.5°	144.0	131.2	120.0	109.1	99.0	89.9	79.9	69.0	57.9	47.0	36.8
-60°	129.0	118.8	108.8	99.6	90.9	82.6	74.1	63.7	53.3	43.0	33.8
-62.5°	114.7	106.1	98.4	90.3	82.4	75.1	68.2	58.3	48.5	39.0	30.6
-65°	100.7	94.1	87.9	80.3	73.3	67.2	61.6	52.7	43.3	34.8	27.2
-67.5°	86.7	81.3	75.8	69.6	64.5	59.5	54.5	46.4	37.9	30.3	23.7
-70°	72.7	68.1	64.2	60.2	56.0	51.6	46.6	39.7	32.3	26.0	20.2
-72.5°	58.9	56.1	53.8	51.0	47.4	43.2	38.5	32.9	27.2	21.7	16.5
-75°	45.4	44.8	44.1	42.3	38.8	35.0	31.2	26.9	21.9	17.2	13.4
-77.5°	35.8	35.5	35.0	33.8	30.7	27.6	24.3	20.7	16.9	13.6	10.6
-80°	26.5	26.4	26.2	25.4	22.9	20.2	17.9	15.6	12.8	10.1	7.6
-82.5°	17.4	17.7	17.8	17.5	15.8	14.1	12.4	10.7	8.6	6.6	5.1
-85°	9.9	10.1	10.2	10.0	8.9	7.9	7.2	6.5	5.4	4.3	3.4
-87.5°	4.1	4.3	4.5	4.6	4.3	3.9	3.6	3.3	2.7	2.2	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



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.5	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.6	0.6	0.4	0.4	0.4	0.2	0.0
57.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
55°	1.6	0.8	0.6	0.4	0.4	0.2	0.0
52.5°	2.2	1.1	0.7	0.4	0.4	0.2	0.0
50°	3.0	1.7	0.9	0.4	0.4	0.3	0.0
47.5°	3.9	2.4	1.0	0.4	0.4	0.3	0.0
45°	6.0	3.2	1.1	0.5	0.4	0.3	0.0
42.5°	8.1	4.0	1.3	0.6	0.5	0.3	0.0
40°	10.2	4.9	1.7	0.8	0.5	0.3	0.0
37.5°	12.3	5.7	2.3	0.9	0.5	0.3	0.0
35°	14.3	7.1	3.0	1.1	0.5	0.3	0.0
32.5°	16.5	8.8	3.7	1.3	0.5	0.3	0.0
30°	18.9	10.3	4.3	1.5	0.5	0.3	0.0
27.5°	21.3	11.9	5.1	1.7	0.6	0.4	0.0
25°	23.5	13.3	5.9	2.0	0.6	0.4	0.0
22.5°	25.7	14.8	6.7	2.2	0.6	0.4	0.0
20°	27.7	16.2	7.4	2.4	0.6	0.4	0.0
17.5°	29.7	17.5	8.1	2.7	0.7	0.4	0.0
15°	31.4	18.7	8.8	2.9	0.7	0.4	0.0
12.5°	33.0	19.9	9.4	3.2	0.7	0.4	0.0
10°	34.5	20.9	10.1	3.4	0.7	0.4	0.0
7.5°	35.8	21.8	10.6	3.7	0.7	0.4	0.0
5°	36.9	22.7	11.1	3.9	0.8	0.4	0.0
2.5°	37.9	23.4	11.6	4.1	0.8	0.4	0.0
0°	38.7	24.0	12.0	4.3	0.8	0.4	0.0
-2.5°	39.8	24.8	12.6	4.6	0.9	0.4	0.0
-5°	40.7	25.4	13.0	4.8	1.0	0.4	0.0
-7.5°	41.3	25.9	13.5	5.0	1.1	0.5	0.0
-10°	41.9	26.3	13.8	5.2	1.2	0.5	0.0
-12.5°	42.2	26.6	14.0	5.4	1.4	0.5	0.0
-15°	42.3	26.7	14.2	5.5	1.4	0.5	0.0
-17.5°	42.1	26.7	14.3	5.6	1.5	0.5	0.0
-20°	42.0	26.5	14.3	5.7	1.6	0.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626722 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.0	26.2	14.2	5.7	1.7	0.6	0.0
-25°	41.8	26.1	13.9	5.7	1.7	0.6	0.0
-27.5°	41.4	26.0	13.6	5.7	1.8	0.6	0.0
-30°	40.8	25.8	13.2	5.6	1.8	0.6	0.0
-32.5°	40.0	25.3	13.1	5.5	1.9	0.6	0.0
-35°	39.2	24.7	12.8	5.3	1.9	0.6	0.0
-37.5°	38.3	24.0	12.4	5.1	1.9	0.6	0.0
-40°	37.2	23.5	11.9	4.9	1.9	0.6	0.0
-42.5°	35.9	22.7	11.5	4.7	1.8	0.6	0.0
-45°	34.4	21.8	11.3	4.5	1.8	0.6	0.0
-47.5°	32.7	20.8	11.0	4.2	1.8	0.5	0.0
-50°	31.1	19.6	10.5	4.2	1.7	0.5	0.0
-52.5°	29.5	18.3	9.9	4.1	1.6	0.5	0.0
-55°	27.7	17.2	9.3	4.0	1.6	0.5	0.0
-57.5°	25.7	16.0	8.5	3.8	1.5	0.5	0.0
-60°	23.5	14.7	7.6	3.6	1.4	0.4	0.0
-62.5°	21.5	13.2	7.1	3.3	1.3	0.4	0.0
-65°	19.2	11.6	6.4	3.0	1.2	0.4	0.0
-67.5°	16.7	10.2	5.8	2.7	1.1	0.3	0.0
-70°	14.1	8.9	5.0	2.3	1.0	0.3	0.0
-72.5°	12.0	7.5	4.2	2.0	0.9	0.3	0.0
-75°	9.8	6.1	3.3	1.8	0.8	0.2	0.0
-77.5°	7.6	4.6	2.7	1.5	0.6	0.2	0.0
-80°	5.2	3.5	2.2	1.2	0.5	0.2	0.0
-82.5°	3.8	2.6	1.7	0.9	0.4	0.1	0.0
-85°	2.6	1.8	1.1	0.6	0.3	0.1	0.0
-87.5°	1.3	0.9	0.6	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)