

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: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-727-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N12  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

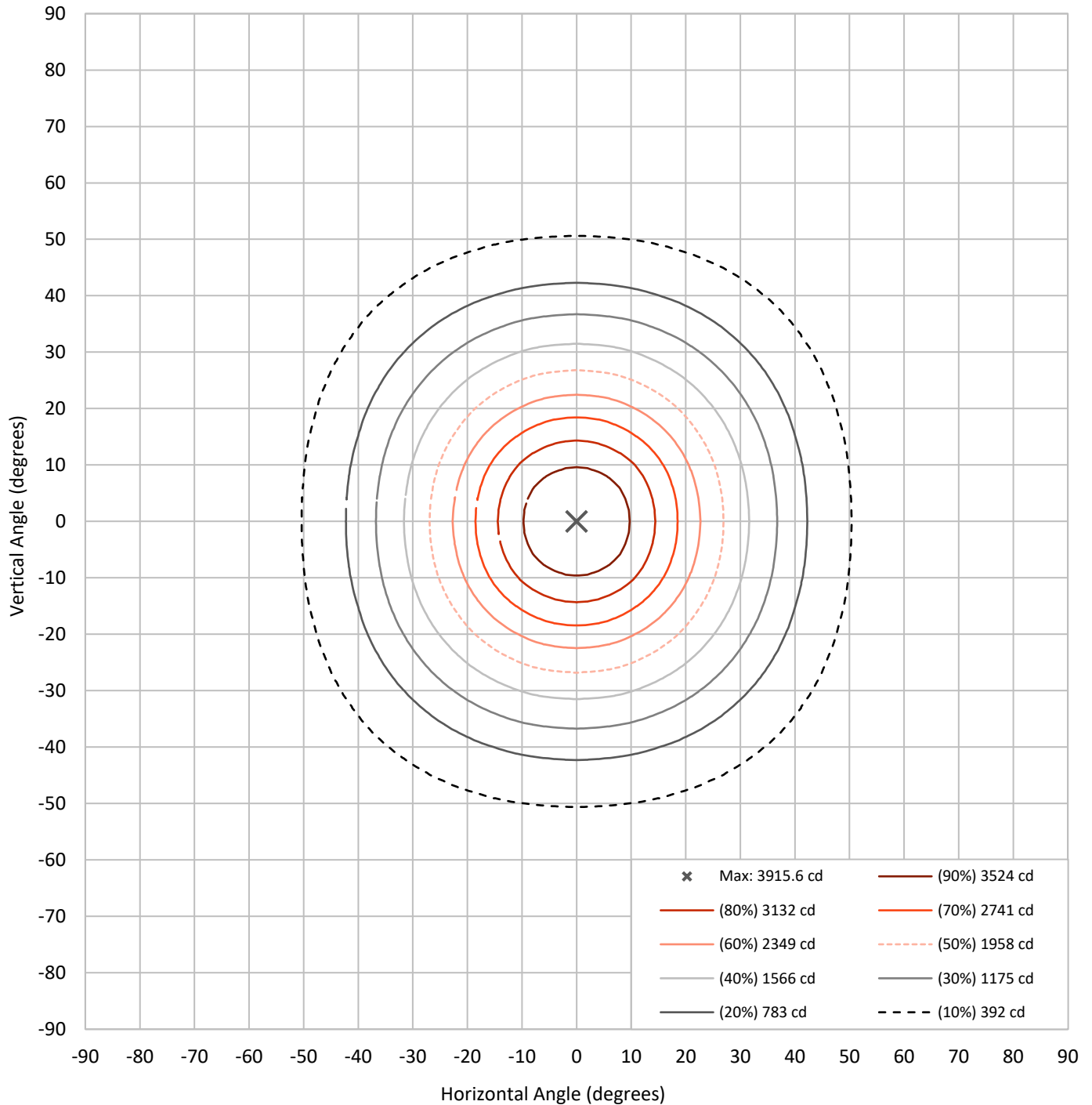
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3985.1 lumens	Max Intensity:	3915.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	119.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	1905.4 lumens	Field Lumens:	3517 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





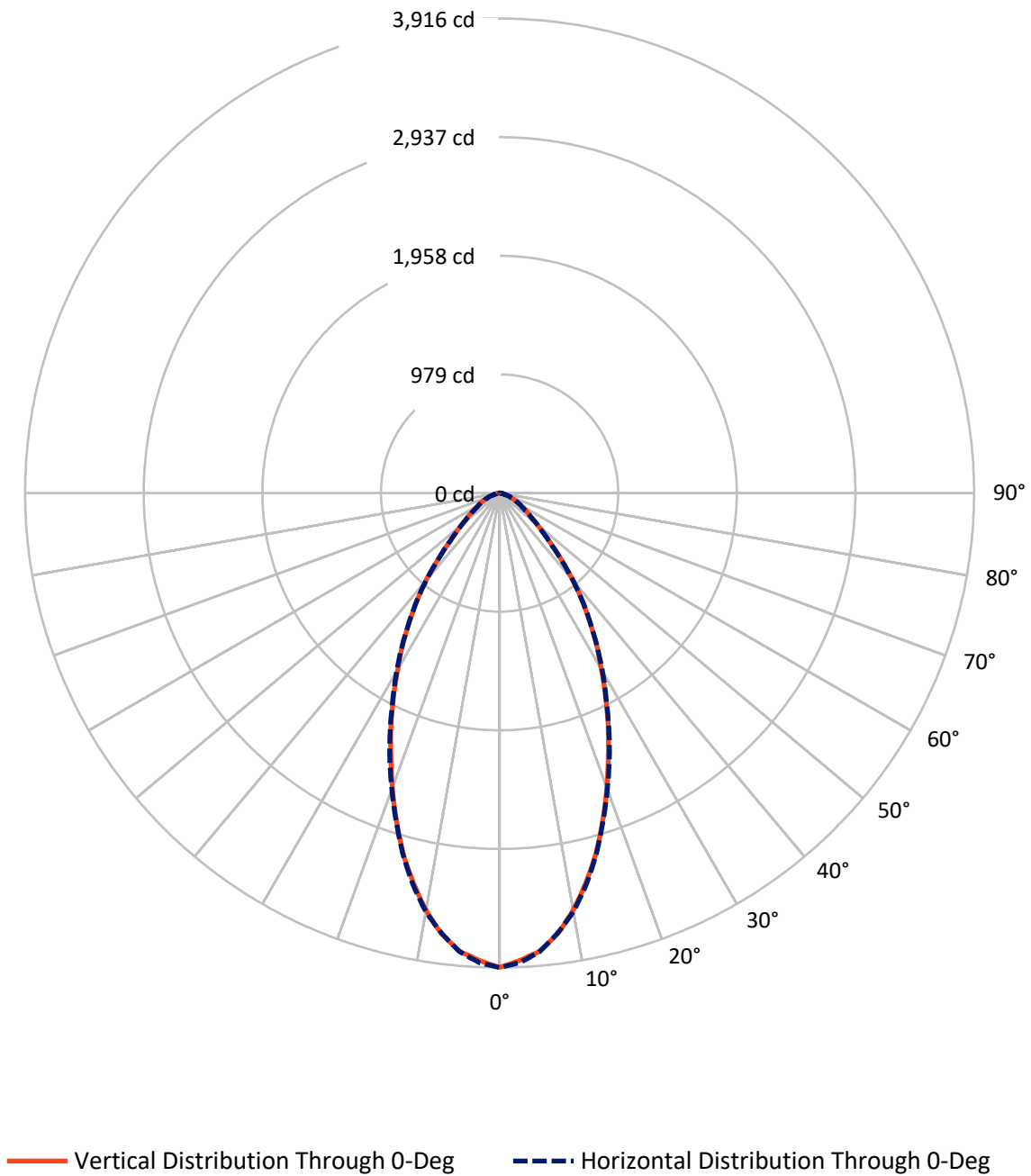
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### Lumen Table

90																			
80	0.2	1.1		2.5		4.2		3.6		4.2		2.5		1.1		0.2			
70																			
60	0.5	0.6	1.1	1.8	2.7	3.4	4.0	4.3	4.3	4.0	3.4	2.7	1.8	1.1	0.6	0.5			
50		0.9	1.7	3.0	4.6	6.3	7.9	8.8	8.8	7.9	6.3	4.6	3.0	1.7	0.9				
40	0.8	1.1	2.4	4.5	7.5	11.6	15.9	18.9	18.9	15.9	11.6	7.5	4.5	2.4	1.1	0.8			
30		1.3	3.1	6.5	12.6	22.4	32.6	38.7	38.7	32.6	22.4	12.6	6.5	3.1	1.3				
20	0.9	1.6	3.9	9.1	20.4	36.7	52.5	62.8	62.8	52.5	36.7	20.4	9.1	3.9	1.6	0.9			
10		1.7	4.6	11.8	27.9	49.6	73.2	90.0	90.0	73.2	49.6	27.9	11.8	4.6	1.7				
0	0.9	1.8	5.0	13.5	32.1	57.6	87.7	110.3	110.3	87.7	57.6	32.1	13.5	5.0	1.8	0.9			
-10		1.8	5.0	13.5	32.1	57.6	87.7	110.3	110.3	87.7	57.6	32.1	13.5	5.0	1.8				
-20	0.9	1.7	4.6	11.8	27.9	49.6	73.2	90.0	90.0	73.2	49.6	27.9	11.8	4.6	1.7	0.9			
-30		1.6	3.9	9.1	20.4	36.7	52.5	62.8	62.8	52.5	36.7	20.4	9.1	3.9	1.6				
-40	0.8	1.3	3.1	6.5	12.6	22.4	32.6	38.7	38.7	32.6	22.4	12.6	6.5	3.1	1.3	0.8			
-50		1.1	2.4	4.5	7.5	11.6	15.9	18.9	18.9	15.9	11.6	7.5	4.5	2.4	1.1				
-60	0.5	0.9	1.7	3.0	4.6	6.3	7.9	8.8	8.8	7.9	6.3	4.6	3.0	1.7	0.9	0.5			
-70		0.6	1.1	1.8	2.7	3.4	4.0	4.3	4.3	4.0	3.4	2.7	1.8	1.1	0.6				
-80																			
-90	0.2	1.1		2.5		4.2		3.6		4.2		2.5		1.1		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

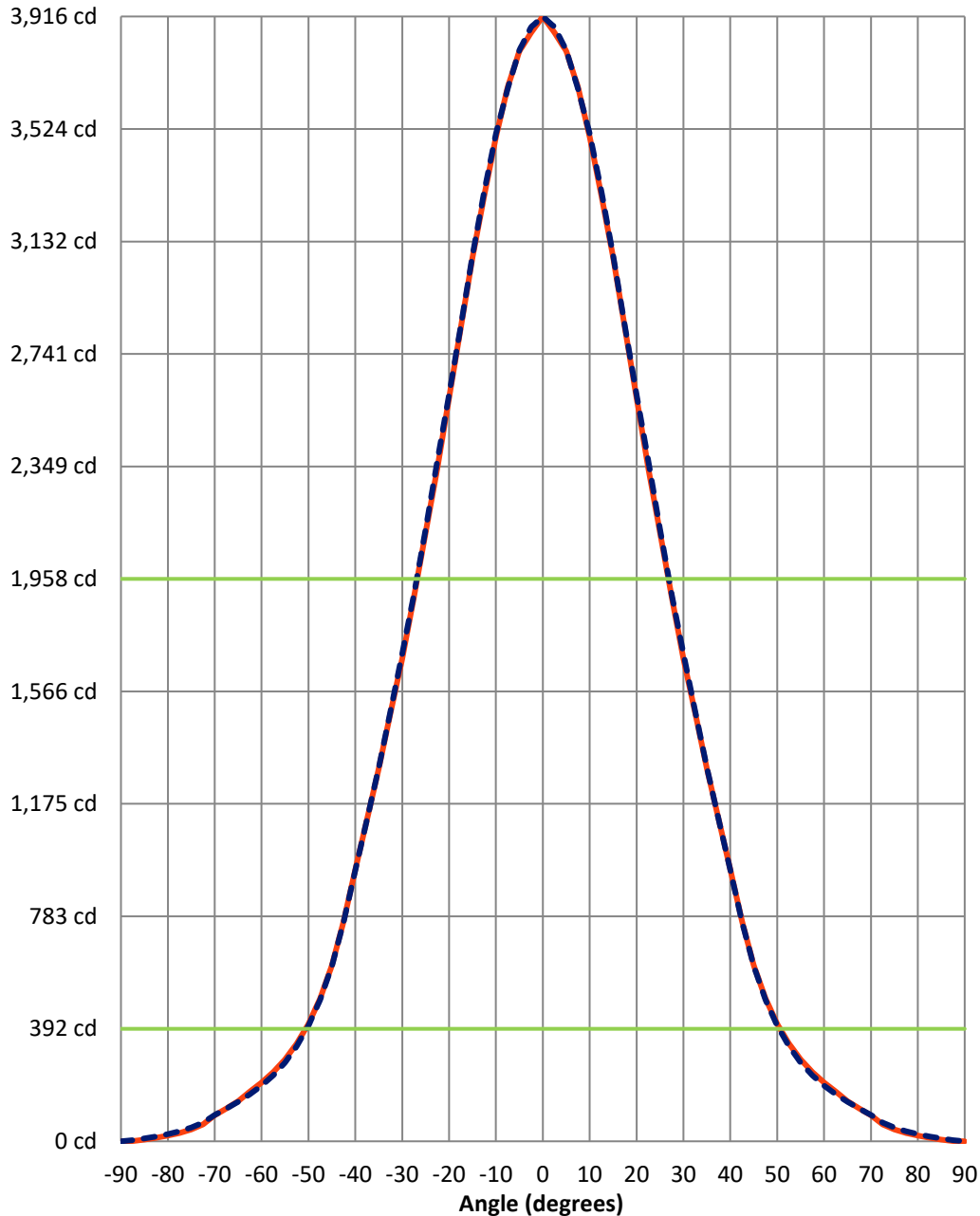
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 53.8°  
V Angle: 53.6°  
Lumens: 1905.4  
Efficiency: 47.8%

**Field:**  
H Angle: 100.8°  
V Angle: 101.2°  
Lumens: 3517  
Efficiency: 88.3%

**Spill:**  
Lumens: 468.1  
Efficiency: 11.7%

- 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	0.8	1.1	1.5	1.9	2.1	2.2	2.4	2.5
85°	0.0	0.4	0.9	1.5	2.2	2.9	3.7	4.1	4.4	4.7	4.9
82.5°	0.0	0.6	1.4	2.3	3.2	4.3	5.6	6.2	6.8	7.9	8.9
80°	0.0	0.8	1.8	3.0	4.3	5.8	7.5	9.4	11.0	12.4	13.7
77.5°	0.0	1.0	2.3	3.7	5.3	7.5	10.8	13.1	15.1	16.9	18.7
75°	0.0	1.2	2.7	4.4	6.5	9.8	13.9	16.9	19.3	21.7	24.3
72.5°	0.0	1.4	3.1	5.1	8.0	12.0	16.9	20.6	23.4	26.5	29.8
70°	0.0	1.6	3.6	5.9	9.5	14.1	19.8	24.0	27.5	31.2	35.6
67.5°	0.0	1.7	4.0	6.8	10.9	16.2	22.3	27.4	31.5	36.1	41.4
65°	0.0	1.9	4.4	7.6	12.2	18.1	24.7	30.8	35.5	40.9	46.8
62.5°	0.0	2.1	4.7	8.4	13.5	19.8	26.9	33.9	39.3	45.4	52.0
60°	0.0	2.3	5.1	9.2	14.7	21.4	29.0	36.9	42.9	49.8	56.9
57.5°	0.0	2.4	5.5	9.9	15.8	22.9	30.9	39.6	46.6	54.0	61.5
55°	0.0	2.6	6.0	10.6	16.8	24.3	32.7	41.8	50.2	58.1	65.8
52.5°	0.0	2.7	6.4	11.2	17.8	25.5	34.3	44.1	53.6	62.0	70.1
50°	0.0	2.9	6.8	11.7	18.6	26.7	35.7	46.3	56.9	65.8	74.7
47.5°	0.0	3.0	7.1	12.2	19.4	27.8	37.1	48.3	60.2	69.4	79.3
45°	0.0	3.1	7.5	12.7	20.1	28.7	38.6	50.1	62.5	73.4	83.8
42.5°	0.0	3.2	7.8	13.2	20.7	29.5	40.0	51.8	64.7	77.2	88.3
40°	0.0	3.3	8.1	13.7	21.2	30.2	41.1	53.6	66.8	80.8	92.7
37.5°	0.0	3.4	8.4	14.2	21.7	30.7	42.2	55.1	69.2	83.6	96.9
35°	0.0	3.5	8.7	14.6	22.0	31.4	43.0	56.5	71.4	86.7	101.2
32.5°	0.0	3.6	8.9	15.0	22.3	32.0	43.8	57.7	73.5	89.8	105.6
30°	0.0	3.7	9.1	15.4	22.5	32.4	44.7	58.9	75.6	93.0	109.8
27.5°	0.0	3.7	9.3	15.7	23.0	32.8	45.4	60.3	77.6	96.1	113.7
25°	0.0	3.8	9.5	16.0	23.5	33.0	45.9	61.6	80.0	99.2	117.3
22.5°	0.0	3.9	9.7	16.3	23.9	33.2	46.3	62.8	82.2	102.1	121.3
20°	0.0	3.9	9.8	16.5	24.2	33.8	46.5	63.8	84.3	104.7	124.9
17.5°	0.0	3.9	9.9	16.6	24.5	34.4	47.0	64.5	86.2	106.9	128.0
15°	0.0	3.9	10.0	16.8	24.8	34.7	47.7	65.3	88.0	108.9	130.7
12.5°	0.0	4.0	10.1	16.8	24.9	35.0	48.1	65.9	89.5	110.5	132.9
10°	0.0	4.0	10.1	16.9	25.1	35.2	48.4	66.3	90.6	111.9	134.7
7.5°	0.0	4.0	10.1	16.9	25.1	35.3	48.5	66.4	91.4	113.0	136.1
5°	0.0	3.9	10.1	16.8	25.1	35.3	48.5	66.2	91.9	113.7	137.1
2.5°	0.0	3.9	10.1	16.7	25.0	35.1	48.3	65.7	91.9	114.0	137.5
0°	0.0	3.9	10.0	16.6	24.9	34.9	47.9	65.0	91.6	114.0	137.5
-2.5°	0.0	3.9	10.1	16.7	25.0	35.1	48.3	65.7	91.9	114.0	137.5
-5°	0.0	3.9	10.1	16.8	25.1	35.3	48.5	66.2	91.9	113.7	137.1
-7.5°	0.0	4.0	10.1	16.9	25.1	35.3	48.5	66.4	91.4	113.0	136.1
-10°	0.0	4.0	10.1	16.9	25.1	35.2	48.4	66.3	90.6	111.9	134.7
-12.5°	0.0	4.0	10.1	16.8	24.9	35.0	48.1	65.9	89.5	110.5	132.9
-15°	0.0	3.9	10.0	16.8	24.8	34.7	47.7	65.3	88.0	108.9	130.7
-17.5°	0.0	3.9	9.9	16.6	24.5	34.4	47.0	64.5	86.2	106.9	128.0
-20°	0.0	3.9	9.8	16.5	24.2	33.8	46.5	63.8	84.3	104.7	124.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	9.7	16.3	23.9	33.2	46.3	62.8	82.2	102.1	121.3
-25°	0.0	3.8	9.5	16.0	23.5	33.0	45.9	61.6	80.0	99.2	117.3
-27.5°	0.0	3.7	9.3	15.7	23.0	32.8	45.4	60.3	77.6	96.1	113.7
-30°	0.0	3.7	9.1	15.4	22.5	32.4	44.7	58.9	75.6	93.0	109.8
-32.5°	0.0	3.6	8.9	15.0	22.3	32.0	43.8	57.7	73.5	89.8	105.6
-35°	0.0	3.5	8.7	14.6	22.0	31.4	43.0	56.5	71.4	86.7	101.2
-37.5°	0.0	3.4	8.4	14.2	21.7	30.7	42.2	55.1	69.2	83.6	96.9
-40°	0.0	3.3	8.1	13.7	21.2	30.2	41.1	53.6	66.8	80.8	92.7
-42.5°	0.0	3.2	7.8	13.2	20.7	29.5	40.0	51.8	64.7	77.2	88.3
-45°	0.0	3.1	7.5	12.7	20.1	28.7	38.6	50.1	62.5	73.4	83.8
-47.5°	0.0	3.0	7.1	12.2	19.4	27.8	37.1	48.3	60.2	69.4	79.3
-50°	0.0	2.9	6.8	11.7	18.6	26.7	35.7	46.3	56.9	65.8	74.7
-52.5°	0.0	2.7	6.4	11.2	17.8	25.5	34.3	44.1	53.6	62.0	70.1
-55°	0.0	2.6	6.0	10.6	16.8	24.3	32.7	41.8	50.2	58.1	65.8
-57.5°	0.0	2.4	5.5	9.9	15.8	22.9	30.9	39.6	46.6	54.0	61.5
-60°	0.0	2.3	5.1	9.2	14.7	21.4	29.0	36.9	42.9	49.8	56.9
-62.5°	0.0	2.1	4.7	8.4	13.5	19.8	26.9	33.9	39.3	45.4	52.0
-65°	0.0	1.9	4.4	7.6	12.2	18.1	24.7	30.8	35.5	40.9	46.8
-67.5°	0.0	1.7	4.0	6.8	10.9	16.2	22.3	27.4	31.5	36.1	41.4
-70°	0.0	1.6	3.6	5.9	9.5	14.1	19.8	24.0	27.5	31.2	35.6
-72.5°	0.0	1.4	3.1	5.1	8.0	12.0	16.9	20.6	23.4	26.5	29.8
-75°	0.0	1.2	2.7	4.4	6.5	9.8	13.9	16.9	19.3	21.7	24.3
-77.5°	0.0	1.0	2.3	3.7	5.3	7.5	10.8	13.1	15.1	16.9	18.7
-80°	0.0	0.8	1.8	3.0	4.3	5.8	7.5	9.4	11.0	12.4	13.7
-82.5°	0.0	0.6	1.4	2.3	3.2	4.3	5.6	6.2	6.8	7.9	8.9
-85°	0.0	0.4	0.9	1.5	2.2	2.9	3.7	4.1	4.4	4.7	4.9
-87.5°	0.0	0.2	0.5	0.8	1.1	1.5	1.9	2.1	2.2	2.4	2.5
-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	2.5	2.5	2.4	2.3	2.2	2.0	1.8	1.8	1.9	2.0
85°	5.0	5.0	5.4	5.8	6.0	6.0	5.9	5.6	6.4	7.2	8.1
82.5°	9.8	10.6	11.4	12.1	12.2	12.0	11.7	11.2	12.7	14.5	16.4
80°	15.0	16.2	17.6	19.0	19.3	19.2	18.8	18.1	20.0	22.8	25.7
77.5°	20.7	22.7	24.6	26.3	26.8	26.7	26.4	25.8	28.3	32.1	36.1
75°	26.8	29.2	31.6	33.7	34.6	34.7	34.5	35.1	38.4	42.9	46.8
72.5°	33.2	36.3	38.9	41.3	42.7	43.8	45.2	47.0	50.3	54.7	58.5
70°	39.9	43.3	46.2	48.7	50.9	53.3	56.3	59.4	62.9	67.2	71.3
67.5°	46.5	50.0	53.2	56.4	60.3	64.1	68.0	71.9	76.3	81.0	85.0
65°	52.7	56.6	60.5	65.0	70.2	74.6	79.3	84.5	90.2	95.4	100.1
62.5°	58.7	63.0	67.8	73.3	79.0	84.4	90.7	97.4	104.1	110.6	117.0
60°	63.7	69.1	74.9	81.1	87.7	95.1	102.5	110.3	118.3	126.1	134.1
57.5°	68.5	75.2	81.9	89.2	97.3	105.7	114.6	123.4	133.0	142.5	151.6
55°	73.4	81.4	89.0	97.6	106.9	116.8	126.8	137.6	148.2	160.1	171.1
52.5°	78.8	87.4	96.4	106.2	117.0	128.2	140.0	152.3	165.5	178.7	192.2
50°	83.9	93.6	103.6	115.4	127.5	140.3	153.9	168.3	183.6	199.0	215.2
47.5°	89.4	99.7	112.0	124.7	138.6	153.2	168.5	185.6	202.7	222.0	240.7
45°	94.7	106.6	119.9	134.7	150.0	166.4	184.7	203.5	225.2	247.0	271.6
42.5°	99.8	113.6	128.6	144.4	161.8	180.6	200.9	224.5	249.0	276.1	304.9
40°	105.7	120.3	137.2	154.8	173.6	195.2	219.5	245.8	275.7	307.7	340.4
37.5°	111.4	127.8	145.6	164.7	186.6	210.9	237.7	269.9	304.5	340.9	385.4
35°	116.8	134.9	154.3	175.3	199.0	227.1	259.2	294.8	334.6	381.5	433.4
32.5°	122.5	141.7	162.4	186.1	212.8	243.5	280.1	321.9	369.0	422.5	487.5
30°	128.3	148.7	170.6	196.2	225.9	261.5	303.0	349.2	403.4	470.5	546.7
27.5°	133.6	155.2	179.2	206.8	238.6	278.0	325.0	379.2	443.0	518.8	607.9
25°	138.5	161.1	187.1	217.0	252.7	295.9	346.8	406.8	482.7	573.0	682.6
22.5°	143.1	166.5	194.3	226.2	265.4	313.2	370.5	439.1	523.0	624.4	755.9
20°	147.5	172.3	201.4	234.9	276.7	328.8	392.2	469.3	564.8	684.8	827.6
17.5°	151.3	177.5	208.1	244.4	289.3	344.6	412.8	496.0	601.9	738.7	893.9
15°	154.6	181.9	213.9	252.6	300.6	360.4	434.3	525.2	640.7	787.8	952.0
12.5°	157.3	185.7	218.8	259.5	310.1	373.7	452.7	551.2	678.4	834.0	1003.1
10°	159.5	188.6	222.7	265.0	317.8	384.5	467.8	572.5	709.9	873.6	1046.3
7.5°	161.4	191.0	225.7	269.3	323.6	392.7	479.6	589.0	734.4	904.9	1079.4
5°	162.7	192.6	228.0	272.2	327.9	398.5	487.9	600.5	751.9	927.7	1102.1
2.5°	163.4	193.6	229.4	273.8	330.5	401.8	492.2	607.7	761.5	940.6	1115.8
0°	163.6	193.7	229.7	274.0	331.3	402.4	492.9	609.9	763.5	943.9	1120.8
-2.5°	163.4	193.6	229.4	273.8	330.5	401.8	492.2	607.7	761.5	940.6	1115.8
-5°	162.7	192.6	228.0	272.2	327.9	398.5	487.9	600.5	751.9	927.7	1102.1
-7.5°	161.4	191.0	225.7	269.3	323.6	392.7	479.6	589.0	734.4	904.9	1079.4
-10°	159.5	188.6	222.7	265.0	317.8	384.5	467.8	572.5	709.9	873.6	1046.3
-12.5°	157.3	185.7	218.8	259.5	310.1	373.7	452.7	551.2	678.4	834.0	1003.1
-15°	154.6	181.9	213.9	252.6	300.6	360.4	434.3	525.2	640.7	787.8	952.0
-17.5°	151.3	177.5	208.1	244.4	289.3	344.6	412.8	496.0	601.9	738.7	893.9
-20°	147.5	172.3	201.4	234.9	276.7	328.8	392.2	469.3	564.8	684.8	827.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	143.1	166.5	194.3	226.2	265.4	313.2	370.5	439.1	523.0	624.4	755.9
-25°	138.5	161.1	187.1	217.0	252.7	295.9	346.8	406.8	482.7	573.0	682.6
-27.5°	133.6	155.2	179.2	206.8	238.6	278.0	325.0	379.2	443.0	518.8	607.9
-30°	128.3	148.7	170.6	196.2	225.9	261.5	303.0	349.2	403.4	470.5	546.7
-32.5°	122.5	141.7	162.4	186.1	212.8	243.5	280.1	321.9	369.0	422.5	487.5
-35°	116.8	134.9	154.3	175.3	199.0	227.1	259.2	294.8	334.6	381.5	433.4
-37.5°	111.4	127.8	145.6	164.7	186.6	210.9	237.7	269.9	304.5	340.9	385.4
-40°	105.7	120.3	137.2	154.8	173.6	195.2	219.5	245.8	275.7	307.7	340.4
-42.5°	99.8	113.6	128.6	144.4	161.8	180.6	200.9	224.5	249.0	276.1	304.9
-45°	94.7	106.6	119.9	134.7	150.0	166.4	184.7	203.5	225.2	247.0	271.6
-47.5°	89.4	99.7	112.0	124.7	138.6	153.2	168.5	185.6	202.7	222.0	240.7
-50°	83.9	93.6	103.6	115.4	127.5	140.3	153.9	168.3	183.6	199.0	215.2
-52.5°	78.8	87.4	96.4	106.2	117.0	128.2	140.0	152.3	165.5	178.7	192.2
-55°	73.4	81.4	89.0	97.6	106.9	116.8	126.8	137.6	148.2	160.1	171.1
-57.5°	68.5	75.2	81.9	89.2	97.3	105.7	114.6	123.4	133.0	142.5	151.6
-60°	63.7	69.1	74.9	81.1	87.7	95.1	102.5	110.3	118.3	126.1	134.1
-62.5°	58.7	63.0	67.8	73.3	79.0	84.4	90.7	97.4	104.1	110.6	117.0
-65°	52.7	56.6	60.5	65.0	70.2	74.6	79.3	84.5	90.2	95.4	100.1
-67.5°	46.5	50.0	53.2	56.4	60.3	64.1	68.0	71.9	76.3	81.0	85.0
-70°	39.9	43.3	46.2	48.7	50.9	53.3	56.3	59.4	62.9	67.2	71.3
-72.5°	33.2	36.3	38.9	41.3	42.7	43.8	45.2	47.0	50.3	54.7	58.5
-75°	26.8	29.2	31.6	33.7	34.6	34.7	34.5	35.1	38.4	42.9	46.8
-77.5°	20.7	22.7	24.6	26.3	26.8	26.7	26.4	25.8	28.3	32.1	36.1
-80°	15.0	16.2	17.6	19.0	19.3	19.2	18.8	18.1	20.0	22.8	25.7
-82.5°	9.8	10.6	11.4	12.1	12.2	12.0	11.7	11.2	12.7	14.5	16.4
-85°	5.0	5.0	5.4	5.8	6.0	6.0	5.9	5.6	6.4	7.2	8.1
-87.5°	2.5	2.5	2.5	2.4	2.3	2.2	2.0	1.8	1.8	1.9	2.0
-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: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-727-U-WR-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°	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.6	1.5	1.4
85°	9.0	9.2	9.3	9.4	9.4	9.7	10.0	10.2	10.5	9.5	8.4
82.5°	18.3	19.2	19.9	20.7	21.4	21.9	22.3	22.6	22.8	20.6	18.2
80°	28.8	30.6	32.1	33.6	34.9	35.3	35.3	35.1	34.7	31.7	28.4
77.5°	40.1	42.4	44.3	46.2	48.0	48.7	49.0	49.2	49.4	45.7	41.2
75°	50.3	53.1	55.7	58.2	60.4	61.6	62.3	62.9	63.3	59.6	54.8
72.5°	61.9	64.9	67.7	70.5	72.9	74.4	75.5	76.3	77.0	74.9	71.9
70°	74.7	77.8	80.8	83.6	86.3	88.4	90.1	91.5	92.7	93.0	92.9
67.5°	89.0	92.6	96.2	99.2	102.4	105.4	108.0	110.2	111.9	113.1	113.8
65°	104.9	110.4	115.3	119.4	122.8	126.8	130.4	133.0	134.9	136.4	137.6
62.5°	123.7	130.3	135.9	141.4	147.1	152.6	156.1	159.6	162.9	166.2	168.9
60°	141.8	149.1	156.6	163.6	170.1	176.1	182.3	187.8	192.6	196.6	199.6
57.5°	161.1	169.9	178.5	187.4	195.8	203.7	211.3	218.4	224.5	229.7	233.9
55°	182.0	192.8	203.0	214.3	225.3	235.4	244.6	254.1	262.6	270.1	276.1
52.5°	204.5	218.6	232.1	245.4	259.7	272.6	284.1	297.2	308.8	318.4	325.9
50°	231.5	248.0	265.9	282.4	300.4	318.0	334.3	350.1	365.6	379.0	389.8
47.5°	262.2	282.6	304.7	326.5	348.8	373.0	394.6	414.7	436.3	455.0	470.1
45°	296.3	322.3	348.9	379.7	408.0	439.1	467.8	493.6	524.3	551.3	573.0
42.5°	334.1	368.7	403.8	442.5	480.1	519.5	561.4	598.6	639.2	678.0	709.3
40°	381.0	422.3	469.3	516.2	570.2	620.8	681.8	737.3	787.7	833.9	871.7
37.5°	433.1	486.4	545.4	606.4	680.2	752.6	824.0	891.5	951.0	1001.6	1044.0
35°	492.3	559.9	631.4	720.6	807.0	893.7	974.4	1048.1	1112.9	1169.9	1218.4
32.5°	560.3	641.5	741.6	841.7	940.4	1035.8	1124.4	1204.8	1275.8	1339.8	1395.6
30°	631.9	742.7	855.0	964.9	1072.5	1177.0	1274.3	1362.9	1443.1	1514.4	1578.7
27.5°	722.8	845.6	968.1	1086.5	1205.0	1319.3	1424.7	1523.1	1615.2	1695.7	1769.2
25°	810.7	946.4	1076.6	1205.7	1334.7	1457.4	1575.3	1686.4	1791.8	1884.4	1966.4
22.5°	898.7	1040.6	1179.8	1318.6	1457.1	1594.0	1726.3	1853.6	1971.6	2076.9	2169.2
20°	980.1	1128.5	1277.3	1426.9	1577.1	1727.0	1875.5	2018.8	2150.2	2271.8	2378.7
17.5°	1053.1	1210.9	1368.7	1528.7	1691.6	1854.2	2019.3	2179.9	2330.2	2468.5	2592.5
15°	1117.7	1282.4	1451.8	1624.6	1799.4	1976.0	2156.2	2335.9	2505.0	2662.1	2800.6
12.5°	1174.2	1345.5	1523.0	1706.6	1896.4	2088.8	2285.3	2482.3	2669.6	2851.0	3000.5
10°	1220.9	1399.1	1584.7	1777.6	1977.7	2184.8	2395.7	2607.8	2814.0	3006.5	3177.4
7.5°	1256.9	1441.8	1633.0	1833.6	2043.6	2262.0	2485.4	2710.4	2930.5	3137.9	3327.0
5°	1282.3	1472.9	1666.5	1875.2	2092.4	2318.7	2551.0	2785.4	3015.6	3233.6	3429.6
2.5°	1297.0	1491.5	1686.0	1900.5	2121.5	2353.1	2591.6	2830.0	3066.2	3292.3	3493.7
0°	1300.9	1497.1	1697.2	1903.1	2130.6	2369.1	2599.1	2838.2	3083.7	3306.7	3507.4
-2.5°	1297.0	1491.5	1686.0	1900.5	2121.5	2353.1	2591.6	2830.0	3066.2	3292.3	3493.7
-5°	1282.3	1472.9	1666.5	1875.2	2092.4	2318.7	2551.0	2785.4	3015.6	3233.6	3429.6
-7.5°	1256.9	1441.8	1633.0	1833.6	2043.6	2262.0	2485.4	2710.4	2930.5	3137.9	3327.0
-10°	1220.9	1399.1	1584.7	1777.6	1977.7	2184.8	2395.7	2607.8	2814.0	3006.5	3177.4
-12.5°	1174.2	1345.5	1523.0	1706.6	1896.4	2088.8	2285.3	2482.3	2669.6	2851.0	3000.5
-15°	1117.7	1282.4	1451.8	1624.6	1799.4	1976.0	2156.2	2335.9	2505.0	2662.1	2800.6
-17.5°	1053.1	1210.9	1368.7	1528.7	1691.6	1854.2	2019.3	2179.9	2330.2	2468.5	2592.5
-20°	980.1	1128.5	1277.3	1426.9	1577.1	1727.0	1875.5	2018.8	2150.2	2271.8	2378.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	898.7	1040.6	1179.8	1318.6	1457.1	1594.0	1726.3	1853.6	1971.6	2076.9	2169.2
-25°	810.7	946.4	1076.6	1205.7	1334.7	1457.4	1575.3	1686.4	1791.8	1884.4	1966.4
-27.5°	722.8	845.6	968.1	1086.5	1205.0	1319.3	1424.7	1523.1	1615.2	1695.7	1769.2
-30°	631.9	742.7	855.0	964.9	1072.5	1177.0	1274.3	1362.9	1443.1	1514.4	1578.7
-32.5°	560.3	641.5	741.6	841.7	940.4	1035.8	1124.4	1204.8	1275.8	1339.8	1395.6
-35°	492.3	559.9	631.4	720.6	807.0	893.7	974.4	1048.1	1112.9	1169.9	1218.4
-37.5°	433.1	486.4	545.4	606.4	680.2	752.6	824.0	891.5	951.0	1001.6	1044.0
-40°	381.0	422.3	469.3	516.2	570.2	620.8	681.8	737.3	787.7	833.9	871.7
-42.5°	334.1	368.7	403.8	442.5	480.1	519.5	561.4	598.6	639.2	678.0	709.3
-45°	296.3	322.3	348.9	379.7	408.0	439.1	467.8	493.6	524.3	551.3	573.0
-47.5°	262.2	282.6	304.7	326.5	348.8	373.0	394.6	414.7	436.3	455.0	470.1
-50°	231.5	248.0	265.9	282.4	300.4	318.0	334.3	350.1	365.6	379.0	389.8
-52.5°	204.5	218.6	232.1	245.4	259.7	272.6	284.1	297.2	308.8	318.4	325.9
-55°	182.0	192.8	203.0	214.3	225.3	235.4	244.6	254.1	262.6	270.1	276.1
-57.5°	161.1	169.9	178.5	187.4	195.8	203.7	211.3	218.4	224.5	229.7	233.9
-60°	141.8	149.1	156.6	163.6	170.1	176.1	182.3	187.8	192.6	196.6	199.6
-62.5°	123.7	130.3	135.9	141.4	147.1	152.6	156.1	159.6	162.9	166.2	168.9
-65°	104.9	110.4	115.3	119.4	122.8	126.8	130.4	133.0	134.9	136.4	137.6
-67.5°	89.0	92.6	96.2	99.2	102.4	105.4	108.0	110.2	111.9	113.1	113.8
-70°	74.7	77.8	80.8	83.6	86.3	88.4	90.1	91.5	92.7	93.0	92.9
-72.5°	61.9	64.9	67.7	70.5	72.9	74.4	75.5	76.3	77.0	74.9	71.9
-75°	50.3	53.1	55.7	58.2	60.4	61.6	62.3	62.9	63.3	59.6	54.8
-77.5°	40.1	42.4	44.3	46.2	48.0	48.7	49.0	49.2	49.4	45.7	41.2
-80°	28.8	30.6	32.1	33.6	34.9	35.3	35.3	35.1	34.7	31.7	28.4
-82.5°	18.3	19.2	19.9	20.7	21.4	21.9	22.3	22.6	22.8	20.6	18.2
-85°	9.0	9.2	9.3	9.4	9.4	9.7	10.0	10.2	10.5	9.5	8.4
-87.5°	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.6	1.5	1.4
-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: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-727-U-WR-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°	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.7
85°	7.3	6.1	5.9	5.8	5.9	6.1	7.3	8.4	9.5	10.5	10.2
82.5°	15.6	13.0	12.6	12.2	12.6	13.0	15.6	18.2	20.6	22.8	22.6
80°	24.9	21.3	20.6	19.9	20.6	21.3	24.9	28.4	31.7	34.7	35.1
77.5°	36.5	31.5	30.1	28.8	30.1	31.5	36.5	41.2	45.7	49.4	49.2
75°	49.8	44.7	42.9	41.2	42.9	44.7	49.8	54.8	59.6	63.3	62.9
72.5°	68.8	65.7	62.4	58.9	62.4	65.7	68.8	71.9	74.9	77.0	76.3
70°	92.8	92.6	91.8	90.5	91.8	92.6	92.8	92.9	93.0	92.7	91.5
67.5°	114.1	114.0	114.3	114.3	114.3	114.0	114.1	113.8	113.1	111.9	110.2
65°	138.4	138.7	139.2	139.5	139.2	138.7	138.4	137.6	136.4	134.9	133.0
62.5°	171.0	172.4	173.1	173.0	173.1	172.4	171.0	168.9	166.2	162.9	159.6
60°	201.9	203.4	204.3	204.5	204.3	203.4	201.9	199.6	196.6	192.6	187.8
57.5°	237.2	239.6	240.8	241.0	240.8	239.6	237.2	233.9	229.7	224.5	218.4
55°	280.6	283.8	285.2	285.0	285.2	283.8	280.6	276.1	270.1	262.6	254.1
52.5°	331.5	335.4	338.3	340.1	338.3	335.4	331.5	325.9	318.4	308.8	297.2
50°	397.9	403.5	407.0	408.5	407.0	403.5	397.9	389.8	379.0	365.6	350.1
47.5°	480.9	488.3	493.8	497.6	493.8	488.3	480.9	470.1	455.0	436.3	414.7
45°	589.1	600.4	608.0	612.4	608.0	600.4	589.1	573.0	551.3	524.3	493.6
42.5°	733.8	751.3	761.9	766.0	761.9	751.3	733.8	709.3	678.0	639.2	598.6
40°	901.6	922.6	936.4	945.9	936.4	922.6	901.6	871.7	833.9	787.7	737.3
37.5°	1076.6	1098.6	1112.0	1121.1	1112.0	1098.6	1076.6	1044.0	1001.6	951.0	891.5
35°	1255.0	1278.0	1290.6	1297.6	1290.6	1278.0	1255.0	1218.4	1169.9	1112.9	1048.1
32.5°	1438.1	1463.5	1477.2	1491.3	1477.2	1463.5	1438.1	1395.6	1339.8	1275.8	1204.8
30°	1629.5	1658.6	1672.9	1679.8	1672.9	1658.6	1629.5	1578.7	1514.4	1443.1	1362.9
27.5°	1828.5	1864.8	1882.7	1894.5	1882.7	1864.8	1828.5	1769.2	1695.7	1615.2	1523.1
25°	2035.7	2080.7	2101.1	2119.5	2101.1	2080.7	2035.7	1966.4	1884.4	1791.8	1686.4
22.5°	2250.6	2306.6	2330.3	2343.4	2330.3	2306.6	2250.6	2169.2	2076.9	1971.6	1853.6
20°	2471.1	2538.1	2571.1	2588.0	2571.1	2538.1	2471.1	2378.7	2271.8	2150.2	2018.8
17.5°	2696.6	2780.0	2822.6	2832.4	2822.6	2780.0	2696.6	2592.5	2468.5	2330.2	2179.9
15°	2917.9	3008.1	3058.5	3077.0	3058.5	3008.1	2917.9	2800.6	2662.1	2505.0	2335.9
12.5°	3127.6	3221.0	3281.3	3292.1	3281.3	3221.0	3127.6	3000.5	2851.0	2669.6	2482.3
10°	3317.8	3414.5	3481.2	3496.3	3481.2	3414.5	3317.8	3177.4	3006.5	2814.0	2607.8
7.5°	3476.7	3582.9	3656.5	3669.3	3656.5	3582.9	3476.7	3327.0	3137.9	2930.5	2710.4
5°	3593.0	3719.1	3779.5	3794.6	3779.5	3719.1	3593.0	3429.6	3233.6	3015.6	2785.4
2.5°	3656.8	3785.1	3869.1	3859.4	3869.1	3785.1	3656.8	3493.7	3292.3	3066.2	2830.0
0°	3664.0	3798.2	3878.5	3915.6	3878.5	3798.2	3664.0	3507.4	3306.7	3083.7	2838.2
-2.5°	3656.8	3785.1	3869.1	3859.4	3869.1	3785.1	3656.8	3493.7	3292.3	3066.2	2830.0
-5°	3593.0	3719.1	3779.5	3794.6	3779.5	3719.1	3593.0	3429.6	3233.6	3015.6	2785.4
-7.5°	3476.7	3582.9	3656.5	3669.3	3656.5	3582.9	3476.7	3327.0	3137.9	2930.5	2710.4
-10°	3317.8	3414.5	3481.2	3496.3	3481.2	3414.5	3317.8	3177.4	3006.5	2814.0	2607.8
-12.5°	3127.6	3221.0	3281.3	3292.1	3281.3	3221.0	3127.6	3000.5	2851.0	2669.6	2482.3
-15°	2917.9	3008.1	3058.5	3077.0	3058.5	3008.1	2917.9	2800.6	2662.1	2505.0	2335.9
-17.5°	2696.6	2780.0	2822.6	2832.4	2822.6	2780.0	2696.6	2592.5	2468.5	2330.2	2179.9
-20°	2471.1	2538.1	2571.1	2588.0	2571.1	2538.1	2471.1	2378.7	2271.8	2150.2	2018.8



REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2250.6	2306.6	2330.3	2343.4	2330.3	2306.6	2250.6	2169.2	2076.9	1971.6	1853.6
-25°	2035.7	2080.7	2101.1	2119.5	2101.1	2080.7	2035.7	1966.4	1884.4	1791.8	1686.4
-27.5°	1828.5	1864.8	1882.7	1894.5	1882.7	1864.8	1828.5	1769.2	1695.7	1615.2	1523.1
-30°	1629.5	1658.6	1672.9	1679.8	1672.9	1658.6	1629.5	1578.7	1514.4	1443.1	1362.9
-32.5°	1438.1	1463.5	1477.2	1491.3	1477.2	1463.5	1438.1	1395.6	1339.8	1275.8	1204.8
-35°	1255.0	1278.0	1290.6	1297.6	1290.6	1278.0	1255.0	1218.4	1169.9	1112.9	1048.1
-37.5°	1076.6	1098.6	1112.0	1121.1	1112.0	1098.6	1076.6	1044.0	1001.6	951.0	891.5
-40°	901.6	922.6	936.4	945.9	936.4	922.6	901.6	871.7	833.9	787.7	737.3
-42.5°	733.8	751.3	761.9	766.0	761.9	751.3	733.8	709.3	678.0	639.2	598.6
-45°	589.1	600.4	608.0	612.4	608.0	600.4	589.1	573.0	551.3	524.3	493.6
-47.5°	480.9	488.3	493.8	497.6	493.8	488.3	480.9	470.1	455.0	436.3	414.7
-50°	397.9	403.5	407.0	408.5	407.0	403.5	397.9	389.8	379.0	365.6	350.1
-52.5°	331.5	335.4	338.3	340.1	338.3	335.4	331.5	325.9	318.4	308.8	297.2
-55°	280.6	283.8	285.2	285.0	285.2	283.8	280.6	276.1	270.1	262.6	254.1
-57.5°	237.2	239.6	240.8	241.0	240.8	239.6	237.2	233.9	229.7	224.5	218.4
-60°	201.9	203.4	204.3	204.5	204.3	203.4	201.9	199.6	196.6	192.6	187.8
-62.5°	171.0	172.4	173.1	173.0	173.1	172.4	171.0	168.9	166.2	162.9	159.6
-65°	138.4	138.7	139.2	139.5	139.2	138.7	138.4	137.6	136.4	134.9	133.0
-67.5°	114.1	114.0	114.3	114.3	114.3	114.0	114.1	113.8	113.1	111.9	110.2
-70°	92.8	92.6	91.8	90.5	91.8	92.6	92.8	92.9	93.0	92.7	91.5
-72.5°	68.8	65.7	62.4	58.9	62.4	65.7	68.8	71.9	74.9	77.0	76.3
-75°	49.8	44.7	42.9	41.2	42.9	44.7	49.8	54.8	59.6	63.3	62.9
-77.5°	36.5	31.5	30.1	28.8	30.1	31.5	36.5	41.2	45.7	49.4	49.2
-80°	24.9	21.3	20.6	19.9	20.6	21.3	24.9	28.4	31.7	34.7	35.1
-82.5°	15.6	13.0	12.6	12.2	12.6	13.0	15.6	18.2	20.6	22.8	22.6
-85°	7.3	6.1	5.9	5.8	5.9	6.1	7.3	8.4	9.5	10.5	10.2
-87.5°	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-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°	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8
85°	10.0	9.7	9.4	9.4	9.3	9.2	9.0	8.1	7.2	6.4	5.6
82.5°	22.3	21.9	21.4	20.7	19.9	19.2	18.3	16.4	14.5	12.7	11.2
80°	35.3	35.3	34.9	33.6	32.1	30.6	28.8	25.7	22.8	20.0	18.1
77.5°	49.0	48.7	48.0	46.2	44.3	42.4	40.1	36.1	32.1	28.3	25.8
75°	62.3	61.6	60.4	58.2	55.7	53.1	50.3	46.8	42.9	38.4	35.1
72.5°	75.5	74.4	72.9	70.5	67.7	64.9	61.9	58.5	54.7	50.3	47.0
70°	90.1	88.4	86.3	83.6	80.8	77.8	74.7	71.3	67.2	62.9	59.4
67.5°	108.0	105.4	102.4	99.2	96.2	92.6	89.0	85.0	81.0	76.3	71.9
65°	130.4	126.8	122.8	119.4	115.3	110.4	104.9	100.1	95.4	90.2	84.5
62.5°	156.1	152.6	147.1	141.4	135.9	130.3	123.7	117.0	110.6	104.1	97.4
60°	182.3	176.1	170.1	163.6	156.6	149.1	141.8	134.1	126.1	118.3	110.3
57.5°	211.3	203.7	195.8	187.4	178.5	169.9	161.1	151.6	142.5	133.0	123.4
55°	244.6	235.4	225.3	214.3	203.0	192.8	182.0	171.1	160.1	148.2	137.6
52.5°	284.1	272.6	259.7	245.4	232.1	218.6	204.5	192.2	178.7	165.5	152.3
50°	334.3	318.0	300.4	282.4	265.9	248.0	231.5	215.2	199.0	183.6	168.3
47.5°	394.6	373.0	348.8	326.5	304.7	282.6	262.2	240.7	222.0	202.7	185.6
45°	467.8	439.1	408.0	379.7	348.9	322.3	296.3	271.6	247.0	225.2	203.5
42.5°	561.4	519.5	480.1	442.5	403.8	368.7	334.1	304.9	276.1	249.0	224.5
40°	681.8	620.8	570.2	516.2	469.3	422.3	381.0	340.4	307.7	275.7	245.8
37.5°	824.0	752.6	680.2	606.4	545.4	486.4	433.1	385.4	340.9	304.5	269.9
35°	974.4	893.7	807.0	720.6	631.4	559.9	492.3	433.4	381.5	334.6	294.8
32.5°	1124.4	1035.8	940.4	841.7	741.6	641.5	560.3	487.5	422.5	369.0	321.9
30°	1274.3	1177.0	1072.5	964.9	855.0	742.7	631.9	546.7	470.5	403.4	349.2
27.5°	1424.7	1319.3	1205.0	1086.5	968.1	845.6	722.8	607.9	518.8	443.0	379.2
25°	1575.3	1457.4	1334.7	1205.7	1076.6	946.4	810.7	682.6	573.0	482.7	406.8
22.5°	1726.3	1594.0	1457.1	1318.6	1179.8	1040.6	898.7	755.9	624.4	523.0	439.1
20°	1875.5	1727.0	1577.1	1426.9	1277.3	1128.5	980.1	827.6	684.8	564.8	469.3
17.5°	2019.3	1854.2	1691.6	1528.7	1368.7	1210.9	1053.1	893.9	738.7	601.9	496.0
15°	2156.2	1976.0	1799.4	1624.6	1451.8	1282.4	1117.7	952.0	787.8	640.7	525.2
12.5°	2285.3	2088.8	1896.4	1706.6	1523.0	1345.5	1174.2	1003.1	834.0	678.4	551.2
10°	2395.7	2184.8	1977.7	1777.6	1584.7	1399.1	1220.9	1046.3	873.6	709.9	572.5
7.5°	2485.4	2262.0	2043.6	1833.6	1633.0	1441.8	1256.9	1079.4	904.9	734.4	589.0
5°	2551.0	2318.7	2092.4	1875.2	1666.5	1472.9	1282.3	1102.1	927.7	751.9	600.5
2.5°	2591.6	2353.1	2121.5	1900.5	1686.0	1491.5	1297.0	1115.8	940.6	761.5	607.7
0°	2599.1	2369.1	2130.6	1903.1	1697.2	1497.1	1300.9	1120.8	943.9	763.5	609.9
-2.5°	2591.6	2353.1	2121.5	1900.5	1686.0	1491.5	1297.0	1115.8	940.6	761.5	607.7
-5°	2551.0	2318.7	2092.4	1875.2	1666.5	1472.9	1282.3	1102.1	927.7	751.9	600.5
-7.5°	2485.4	2262.0	2043.6	1833.6	1633.0	1441.8	1256.9	1079.4	904.9	734.4	589.0
-10°	2395.7	2184.8	1977.7	1777.6	1584.7	1399.1	1220.9	1046.3	873.6	709.9	572.5
-12.5°	2285.3	2088.8	1896.4	1706.6	1523.0	1345.5	1174.2	1003.1	834.0	678.4	551.2
-15°	2156.2	1976.0	1799.4	1624.6	1451.8	1282.4	1117.7	952.0	787.8	640.7	525.2
-17.5°	2019.3	1854.2	1691.6	1528.7	1368.7	1210.9	1053.1	893.9	738.7	601.9	496.0
-20°	1875.5	1727.0	1577.1	1426.9	1277.3	1128.5	980.1	827.6	684.8	564.8	469.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1726.3	1594.0	1457.1	1318.6	1179.8	1040.6	898.7	755.9	624.4	523.0	439.1
-25°	1575.3	1457.4	1334.7	1205.7	1076.6	946.4	810.7	682.6	573.0	482.7	406.8
-27.5°	1424.7	1319.3	1205.0	1086.5	968.1	845.6	722.8	607.9	518.8	443.0	379.2
-30°	1274.3	1177.0	1072.5	964.9	855.0	742.7	631.9	546.7	470.5	403.4	349.2
-32.5°	1124.4	1035.8	940.4	841.7	741.6	641.5	560.3	487.5	422.5	369.0	321.9
-35°	974.4	893.7	807.0	720.6	631.4	559.9	492.3	433.4	381.5	334.6	294.8
-37.5°	824.0	752.6	680.2	606.4	545.4	486.4	433.1	385.4	340.9	304.5	269.9
-40°	681.8	620.8	570.2	516.2	469.3	422.3	381.0	340.4	307.7	275.7	245.8
-42.5°	561.4	519.5	480.1	442.5	403.8	368.7	334.1	304.9	276.1	249.0	224.5
-45°	467.8	439.1	408.0	379.7	348.9	322.3	296.3	271.6	247.0	225.2	203.5
-47.5°	394.6	373.0	348.8	326.5	304.7	282.6	262.2	240.7	222.0	202.7	185.6
-50°	334.3	318.0	300.4	282.4	265.9	248.0	231.5	215.2	199.0	183.6	168.3
-52.5°	284.1	272.6	259.7	245.4	232.1	218.6	204.5	192.2	178.7	165.5	152.3
-55°	244.6	235.4	225.3	214.3	203.0	192.8	182.0	171.1	160.1	148.2	137.6
-57.5°	211.3	203.7	195.8	187.4	178.5	169.9	161.1	151.6	142.5	133.0	123.4
-60°	182.3	176.1	170.1	163.6	156.6	149.1	141.8	134.1	126.1	118.3	110.3
-62.5°	156.1	152.6	147.1	141.4	135.9	130.3	123.7	117.0	110.6	104.1	97.4
-65°	130.4	126.8	122.8	119.4	115.3	110.4	104.9	100.1	95.4	90.2	84.5
-67.5°	108.0	105.4	102.4	99.2	96.2	92.6	89.0	85.0	81.0	76.3	71.9
-70°	90.1	88.4	86.3	83.6	80.8	77.8	74.7	71.3	67.2	62.9	59.4
-72.5°	75.5	74.4	72.9	70.5	67.7	64.9	61.9	58.5	54.7	50.3	47.0
-75°	62.3	61.6	60.4	58.2	55.7	53.1	50.3	46.8	42.9	38.4	35.1
-77.5°	49.0	48.7	48.0	46.2	44.3	42.4	40.1	36.1	32.1	28.3	25.8
-80°	35.3	35.3	34.9	33.6	32.1	30.6	28.8	25.7	22.8	20.0	18.1
-82.5°	22.3	21.9	21.4	20.7	19.9	19.2	18.3	16.4	14.5	12.7	11.2
-85°	10.0	9.7	9.4	9.4	9.3	9.2	9.0	8.1	7.2	6.4	5.6
-87.5°	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8
-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: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.2	2.3	2.4	2.5	2.5	2.5	2.5	2.4	2.2	2.1
85°	5.9	6.0	6.0	5.8	5.4	5.0	5.0	4.9	4.7	4.4	4.1
82.5°	11.7	12.0	12.2	12.1	11.4	10.6	9.8	8.9	7.9	6.8	6.2
80°	18.8	19.2	19.3	19.0	17.6	16.2	15.0	13.7	12.4	11.0	9.4
77.5°	26.4	26.7	26.8	26.3	24.6	22.7	20.7	18.7	16.9	15.1	13.1
75°	34.5	34.7	34.6	33.7	31.6	29.2	26.8	24.3	21.7	19.3	16.9
72.5°	45.2	43.8	42.7	41.3	38.9	36.3	33.2	29.8	26.5	23.4	20.6
70°	56.3	53.3	50.9	48.7	46.2	43.3	39.9	35.6	31.2	27.5	24.0
67.5°	68.0	64.1	60.3	56.4	53.2	50.0	46.5	41.4	36.1	31.5	27.4
65°	79.3	74.6	70.2	65.0	60.5	56.6	52.7	46.8	40.9	35.5	30.8
62.5°	90.7	84.4	79.0	73.3	67.8	63.0	58.7	52.0	45.4	39.3	33.9
60°	102.5	95.1	87.7	81.1	74.9	69.1	63.7	56.9	49.8	42.9	36.9
57.5°	114.6	105.7	97.3	89.2	81.9	75.2	68.5	61.5	54.0	46.6	39.6
55°	126.8	116.8	106.9	97.6	89.0	81.4	73.4	65.8	58.1	50.2	41.8
52.5°	140.0	128.2	117.0	106.2	96.4	87.4	78.8	70.1	62.0	53.6	44.1
50°	153.9	140.3	127.5	115.4	103.6	93.6	83.9	74.7	65.8	56.9	46.3
47.5°	168.5	153.2	138.6	124.7	112.0	99.7	89.4	79.3	69.4	60.2	48.3
45°	184.7	166.4	150.0	134.7	119.9	106.6	94.7	83.8	73.4	62.5	50.1
42.5°	200.9	180.6	161.8	144.4	128.6	113.6	99.8	88.3	77.2	64.7	51.8
40°	219.5	195.2	173.6	154.8	137.2	120.3	105.7	92.7	80.8	66.8	53.6
37.5°	237.7	210.9	186.6	164.7	145.6	127.8	111.4	96.9	83.6	69.2	55.1
35°	259.2	227.1	199.0	175.3	154.3	134.9	116.8	101.2	86.7	71.4	56.5
32.5°	280.1	243.5	212.8	186.1	162.4	141.7	122.5	105.6	89.8	73.5	57.7
30°	303.0	261.5	225.9	196.2	170.6	148.7	128.3	109.8	93.0	75.6	58.9
27.5°	325.0	278.0	238.6	206.8	179.2	155.2	133.6	113.7	96.1	77.6	60.3
25°	346.8	295.9	252.7	217.0	187.1	161.1	138.5	117.3	99.2	80.0	61.6
22.5°	370.5	313.2	265.4	226.2	194.3	166.5	143.1	121.3	102.1	82.2	62.8
20°	392.2	328.8	276.7	234.9	201.4	172.3	147.5	124.9	104.7	84.3	63.8
17.5°	412.8	344.6	289.3	244.4	208.1	177.5	151.3	128.0	106.9	86.2	64.5
15°	434.3	360.4	300.6	252.6	213.9	181.9	154.6	130.7	108.9	88.0	65.3
12.5°	452.7	373.7	310.1	259.5	218.8	185.7	157.3	132.9	110.5	89.5	65.9
10°	467.8	384.5	317.8	265.0	222.7	188.6	159.5	134.7	111.9	90.6	66.3
7.5°	479.6	392.7	323.6	269.3	225.7	191.0	161.4	136.1	113.0	91.4	66.4
5°	487.9	398.5	327.9	272.2	228.0	192.6	162.7	137.1	113.7	91.9	66.2
2.5°	492.2	401.8	330.5	273.8	229.4	193.6	163.4	137.5	114.0	91.9	65.7
0°	492.9	402.4	331.3	274.0	229.7	193.7	163.6	137.5	114.0	91.6	65.0
-2.5°	492.2	401.8	330.5	273.8	229.4	193.6	163.4	137.5	114.0	91.9	65.7
-5°	487.9	398.5	327.9	272.2	228.0	192.6	162.7	137.1	113.7	91.9	66.2
-7.5°	479.6	392.7	323.6	269.3	225.7	191.0	161.4	136.1	113.0	91.4	66.4
-10°	467.8	384.5	317.8	265.0	222.7	188.6	159.5	134.7	111.9	90.6	66.3
-12.5°	452.7	373.7	310.1	259.5	218.8	185.7	157.3	132.9	110.5	89.5	65.9
-15°	434.3	360.4	300.6	252.6	213.9	181.9	154.6	130.7	108.9	88.0	65.3
-17.5°	412.8	344.6	289.3	244.4	208.1	177.5	151.3	128.0	106.9	86.2	64.5
-20°	392.2	328.8	276.7	234.9	201.4	172.3	147.5	124.9	104.7	84.3	63.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	370.5	313.2	265.4	226.2	194.3	166.5	143.1	121.3	102.1	82.2	62.8
-25°	346.8	295.9	252.7	217.0	187.1	161.1	138.5	117.3	99.2	80.0	61.6
-27.5°	325.0	278.0	238.6	206.8	179.2	155.2	133.6	113.7	96.1	77.6	60.3
-30°	303.0	261.5	225.9	196.2	170.6	148.7	128.3	109.8	93.0	75.6	58.9
-32.5°	280.1	243.5	212.8	186.1	162.4	141.7	122.5	105.6	89.8	73.5	57.7
-35°	259.2	227.1	199.0	175.3	154.3	134.9	116.8	101.2	86.7	71.4	56.5
-37.5°	237.7	210.9	186.6	164.7	145.6	127.8	111.4	96.9	83.6	69.2	55.1
-40°	219.5	195.2	173.6	154.8	137.2	120.3	105.7	92.7	80.8	66.8	53.6
-42.5°	200.9	180.6	161.8	144.4	128.6	113.6	99.8	88.3	77.2	64.7	51.8
-45°	184.7	166.4	150.0	134.7	119.9	106.6	94.7	83.8	73.4	62.5	50.1
-47.5°	168.5	153.2	138.6	124.7	112.0	99.7	89.4	79.3	69.4	60.2	48.3
-50°	153.9	140.3	127.5	115.4	103.6	93.6	83.9	74.7	65.8	56.9	46.3
-52.5°	140.0	128.2	117.0	106.2	96.4	87.4	78.8	70.1	62.0	53.6	44.1
-55°	126.8	116.8	106.9	97.6	89.0	81.4	73.4	65.8	58.1	50.2	41.8
-57.5°	114.6	105.7	97.3	89.2	81.9	75.2	68.5	61.5	54.0	46.6	39.6
-60°	102.5	95.1	87.7	81.1	74.9	69.1	63.7	56.9	49.8	42.9	36.9
-62.5°	90.7	84.4	79.0	73.3	67.8	63.0	58.7	52.0	45.4	39.3	33.9
-65°	79.3	74.6	70.2	65.0	60.5	56.6	52.7	46.8	40.9	35.5	30.8
-67.5°	68.0	64.1	60.3	56.4	53.2	50.0	46.5	41.4	36.1	31.5	27.4
-70°	56.3	53.3	50.9	48.7	46.2	43.3	39.9	35.6	31.2	27.5	24.0
-72.5°	45.2	43.8	42.7	41.3	38.9	36.3	33.2	29.8	26.5	23.4	20.6
-75°	34.5	34.7	34.6	33.7	31.6	29.2	26.8	24.3	21.7	19.3	16.9
-77.5°	26.4	26.7	26.8	26.3	24.6	22.7	20.7	18.7	16.9	15.1	13.1
-80°	18.8	19.2	19.3	19.0	17.6	16.2	15.0	13.7	12.4	11.0	9.4
-82.5°	11.7	12.0	12.2	12.1	11.4	10.6	9.8	8.9	7.9	6.8	6.2
-85°	5.9	6.0	6.0	5.8	5.4	5.0	5.0	4.9	4.7	4.4	4.1
-87.5°	2.0	2.2	2.3	2.4	2.5	2.5	2.5	2.5	2.4	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626603 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-WR-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°	1.9	1.5	1.1	0.8	0.5	0.2	0.0
85°	3.7	2.9	2.2	1.5	0.9	0.4	0.0
82.5°	5.6	4.3	3.2	2.3	1.4	0.6	0.0
80°	7.5	5.8	4.3	3.0	1.8	0.8	0.0
77.5°	10.8	7.5	5.3	3.7	2.3	1.0	0.0
75°	13.9	9.8	6.5	4.4	2.7	1.2	0.0
72.5°	16.9	12.0	8.0	5.1	3.1	1.4	0.0
70°	19.8	14.1	9.5	5.9	3.6	1.6	0.0
67.5°	22.3	16.2	10.9	6.8	4.0	1.7	0.0
65°	24.7	18.1	12.2	7.6	4.4	1.9	0.0
62.5°	26.9	19.8	13.5	8.4	4.7	2.1	0.0
60°	29.0	21.4	14.7	9.2	5.1	2.3	0.0
57.5°	30.9	22.9	15.8	9.9	5.5	2.4	0.0
55°	32.7	24.3	16.8	10.6	6.0	2.6	0.0
52.5°	34.3	25.5	17.8	11.2	6.4	2.7	0.0
50°	35.7	26.7	18.6	11.7	6.8	2.9	0.0
47.5°	37.1	27.8	19.4	12.2	7.1	3.0	0.0
45°	38.6	28.7	20.1	12.7	7.5	3.1	0.0
42.5°	40.0	29.5	20.7	13.2	7.8	3.2	0.0
40°	41.1	30.2	21.2	13.7	8.1	3.3	0.0
37.5°	42.2	30.7	21.7	14.2	8.4	3.4	0.0
35°	43.0	31.4	22.0	14.6	8.7	3.5	0.0
32.5°	43.8	32.0	22.3	15.0	8.9	3.6	0.0
30°	44.7	32.4	22.5	15.4	9.1	3.7	0.0
27.5°	45.4	32.8	23.0	15.7	9.3	3.7	0.0
25°	45.9	33.0	23.5	16.0	9.5	3.8	0.0
22.5°	46.3	33.2	23.9	16.3	9.7	3.9	0.0
20°	46.5	33.8	24.2	16.5	9.8	3.9	0.0
17.5°	47.0	34.4	24.5	16.6	9.9	3.9	0.0
15°	47.7	34.7	24.8	16.8	10.0	3.9	0.0
12.5°	48.1	35.0	24.9	16.8	10.1	4.0	0.0
10°	48.4	35.2	25.1	16.9	10.1	4.0	0.0
7.5°	48.5	35.3	25.1	16.9	10.1	4.0	0.0
5°	48.5	35.3	25.1	16.8	10.1	3.9	0.0
2.5°	48.3	35.1	25.0	16.7	10.1	3.9	0.0
0°	47.9	34.9	24.9	16.6	10.0	3.9	0.0
-2.5°	48.3	35.1	25.0	16.7	10.1	3.9	0.0
-5°	48.5	35.3	25.1	16.8	10.1	3.9	0.0
-7.5°	48.5	35.3	25.1	16.9	10.1	4.0	0.0
-10°	48.4	35.2	25.1	16.9	10.1	4.0	0.0
-12.5°	48.1	35.0	24.9	16.8	10.1	4.0	0.0
-15°	47.7	34.7	24.8	16.8	10.0	3.9	0.0
-17.5°	47.0	34.4	24.5	16.6	9.9	3.9	0.0
-20°	46.5	33.8	24.2	16.5	9.8	3.9	0.0

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CATALOG NUMBER: GFLD-SA1B-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.3	33.2	23.9	16.3	9.7	3.9	0.0
-25°	45.9	33.0	23.5	16.0	9.5	3.8	0.0
-27.5°	45.4	32.8	23.0	15.7	9.3	3.7	0.0
-30°	44.7	32.4	22.5	15.4	9.1	3.7	0.0
-32.5°	43.8	32.0	22.3	15.0	8.9	3.6	0.0
-35°	43.0	31.4	22.0	14.6	8.7	3.5	0.0
-37.5°	42.2	30.7	21.7	14.2	8.4	3.4	0.0
-40°	41.1	30.2	21.2	13.7	8.1	3.3	0.0
-42.5°	40.0	29.5	20.7	13.2	7.8	3.2	0.0
-45°	38.6	28.7	20.1	12.7	7.5	3.1	0.0
-47.5°	37.1	27.8	19.4	12.2	7.1	3.0	0.0
-50°	35.7	26.7	18.6	11.7	6.8	2.9	0.0
-52.5°	34.3	25.5	17.8	11.2	6.4	2.7	0.0
-55°	32.7	24.3	16.8	10.6	6.0	2.6	0.0
-57.5°	30.9	22.9	15.8	9.9	5.5	2.4	0.0
-60°	29.0	21.4	14.7	9.2	5.1	2.3	0.0
-62.5°	26.9	19.8	13.5	8.4	4.7	2.1	0.0
-65°	24.7	18.1	12.2	7.6	4.4	1.9	0.0
-67.5°	22.3	16.2	10.9	6.8	4.0	1.7	0.0
-70°	19.8	14.1	9.5	5.9	3.6	1.6	0.0
-72.5°	16.9	12.0	8.0	5.1	3.1	1.4	0.0
-75°	13.9	9.8	6.5	4.4	2.7	1.2	0.0
-77.5°	10.8	7.5	5.3	3.7	2.3	1.0	0.0
-80°	7.5	5.8	4.3	3.0	1.8	0.8	0.0
-82.5°	5.6	4.3	3.2	2.3	1.4	0.6	0.0
-85°	3.7	2.9	2.2	1.5	0.9	0.4	0.0
-87.5°	1.9	1.5	1.1	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)