

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: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2E-750-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N57  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

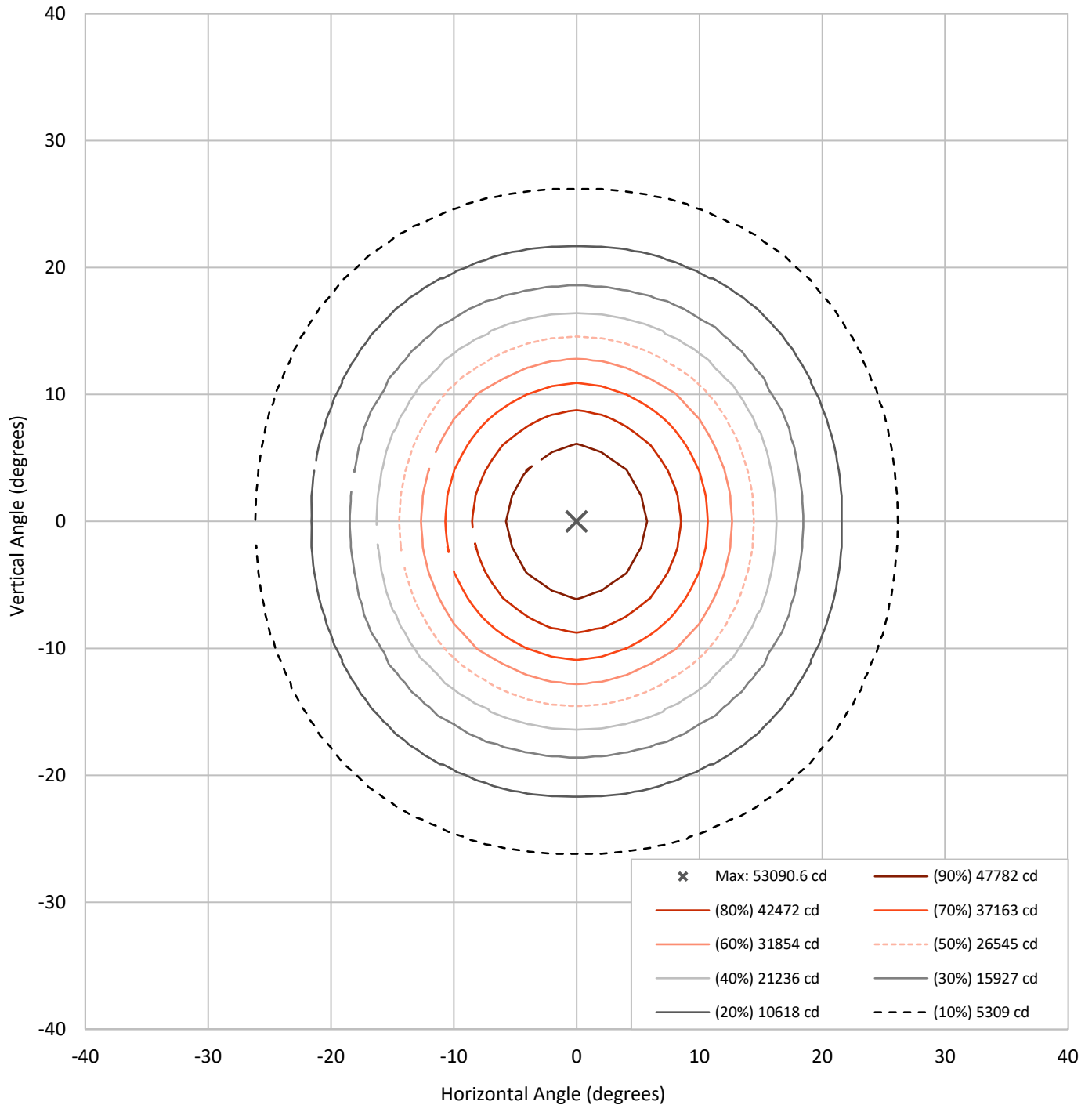
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16587.3 lumens	Max Intensity:	53090.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	8064.5 lumens	Field Lumens:	13609.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





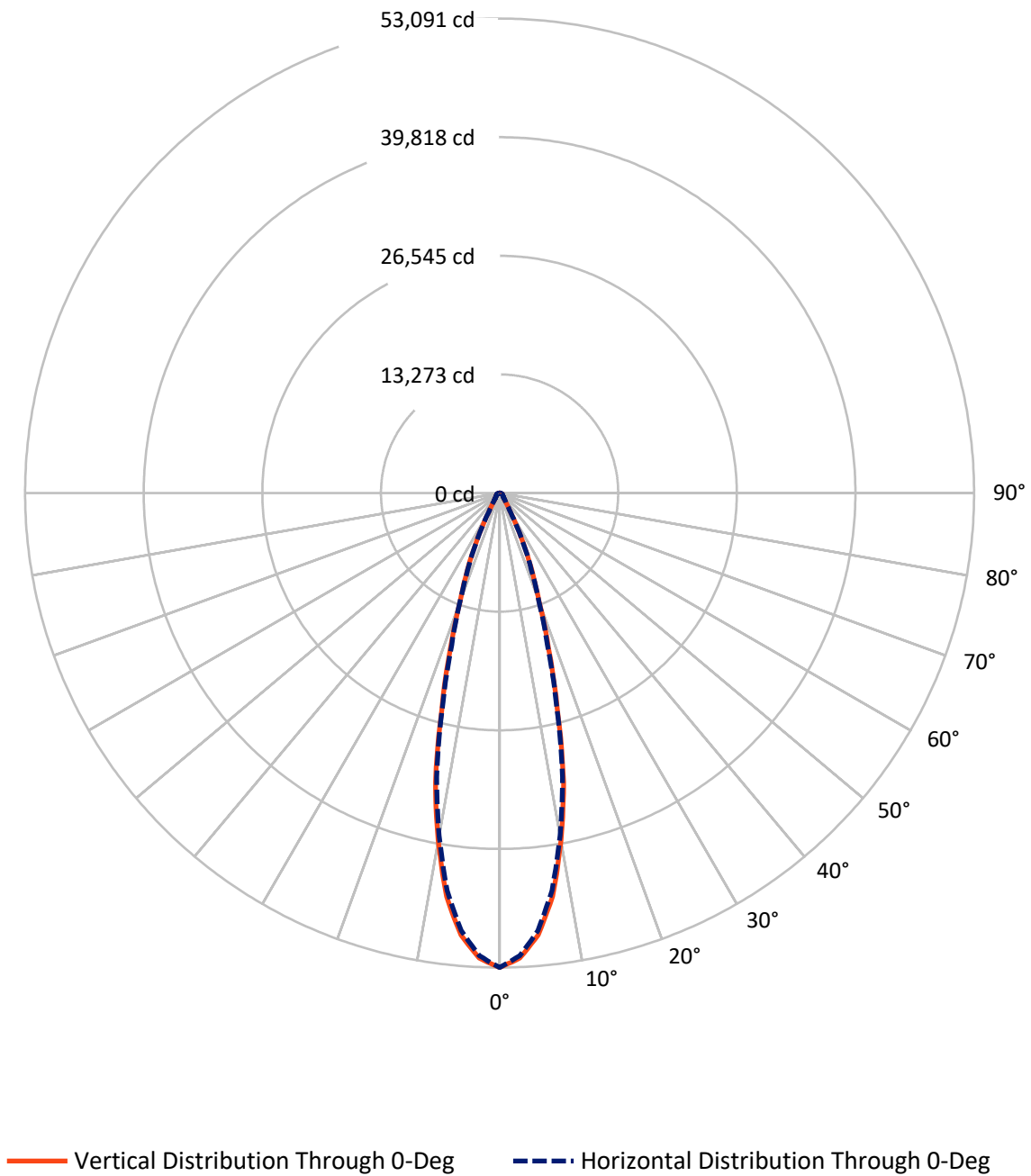
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### Lumen Table

90	0.3	2.7		7.2		11.4		12.6		11.4		7.2		2.7		0.3
80	0.3	2.7		7.2		11.4		12.6		11.4		7.2		2.7		0.3
70	1.2	1.4	2.9	4.7	6.6	8.0	9.0	9.4	9.4	9.0	8.0	6.6	4.7	2.9	1.4	1.2
60		2.1	4.3	6.9	9.3	11.4	12.8	13.3	13.3	12.8	11.4	9.3	6.9	4.3	2.1	
50	2.2	2.7	5.5	8.5	11.4	14.4	16.9	18.1	18.1	16.9	14.4	11.4	8.5	5.5	2.7	2.2
40		3.2	6.4	9.9	13.9	19.9	28.7	37.3	37.3	28.7	19.9	13.9	9.9	6.4	3.2	
30	2.8	3.6	7.1	11.1	17.8	38.8	109.2	193.6	193.6	109.2	38.8	17.8	11.1	7.1	3.6	2.8
20		3.9	7.4	12.1	24.3	101.8	362.8	695.3	695.3	362.8	101.8	24.3	12.1	7.4	3.9	
10	3.0	4.0	7.5	12.7	30.9	175.7	671.6	1321.0	1321.0	671.6	175.7	30.9	12.7	7.5	4.0	3.0
0		4.0	7.5	12.7	30.9	175.7	671.6	1321.0	1321.0	671.6	175.7	30.9	12.7	7.5	4.0	
-10	2.8	3.9	7.4	12.1	24.3	101.8	362.8	695.3	695.3	362.8	101.8	24.3	12.1	7.4	3.9	2.8
-20		3.6	7.1	11.1	17.8	38.8	109.2	193.6	193.6	109.2	38.8	17.8	11.1	7.1	3.6	
-30	2.2	3.2	6.4	9.9	13.9	19.9	28.7	37.3	37.3	28.7	19.9	13.9	9.9	6.4	3.2	2.2
-40		2.7	5.5	8.5	11.4	14.4	16.9	18.1	18.1	16.9	14.4	11.4	8.5	5.5	2.7	
-50	1.2	2.1	4.3	6.9	9.3	11.4	12.8	13.3	13.3	12.8	11.4	9.3	6.9	4.3	2.1	1.2
-60		1.4	2.9	4.7	6.6	8.0	9.0	9.4	9.4	9.0	8.0	6.6	4.7	2.9	1.4	
-70	0.3	2.7		7.2		11.4		12.6		11.4		7.2		2.7		0.3
-80		2.7		7.2		11.4		12.6		11.4		7.2		2.7		
-90	0.3	2.7		7.2		11.4		12.6		11.4		7.2		2.7		0.3

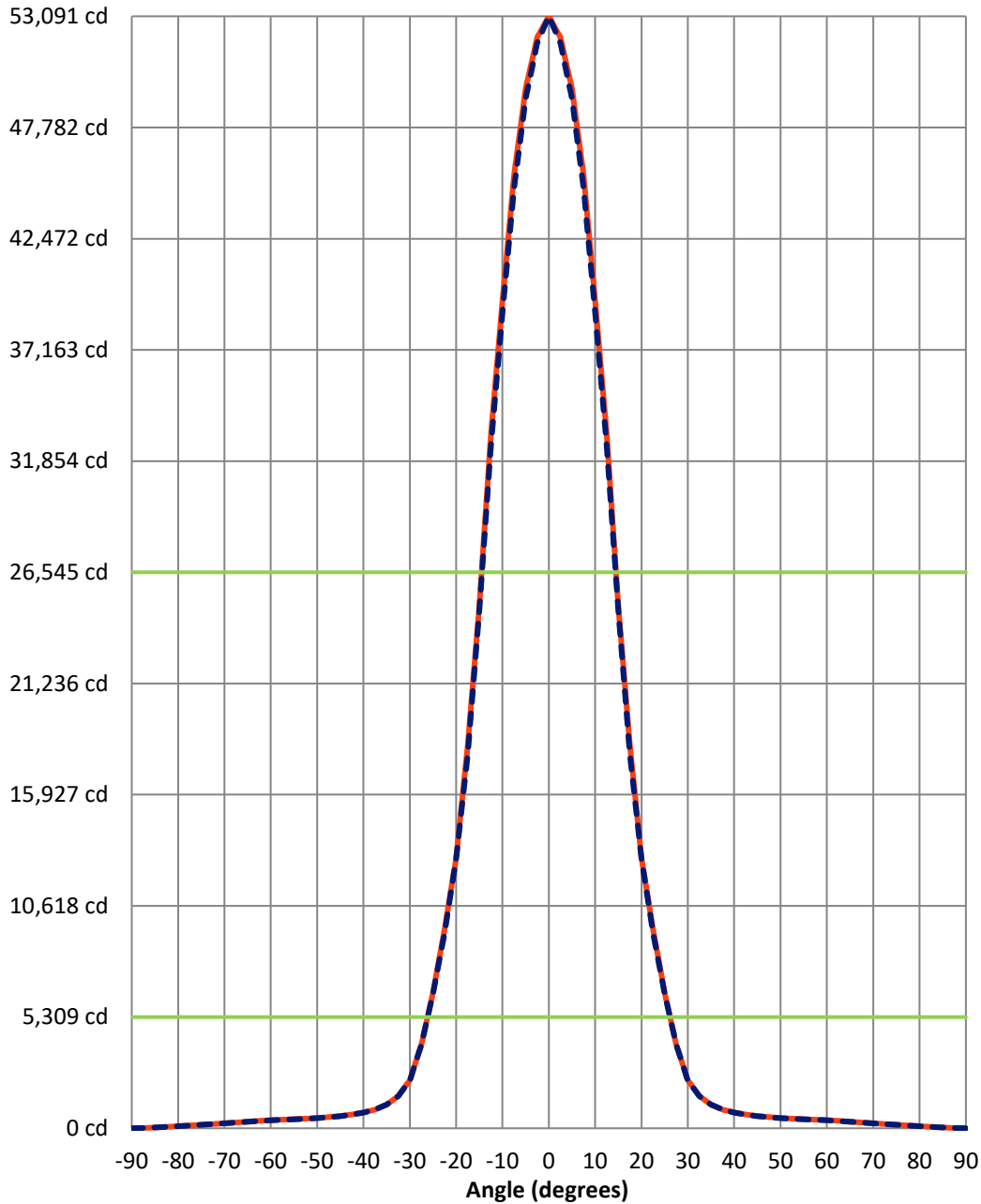
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 8064.5  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 13609.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2977.7  
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
85°	0.0	1.2	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
82.5°	0.0	1.8	3.5	5.3	7.1	8.8	10.5	12.2	14.2	17.4	20.8
80°	0.0	2.4	4.7	7.1	9.4	11.7	14.3	18.5	22.8	27.4	32.2
77.5°	0.0	2.9	5.9	8.8	11.7	15.4	20.4	25.7	31.4	37.3	43.8
75°	0.0	3.5	7.0	10.5	14.3	20.4	26.4	32.9	40.0	48.2	56.4
72.5°	0.0	4.1	8.2	12.2	18.3	25.4	32.4	40.4	50.0	59.5	68.8
70°	0.0	4.7	9.3	14.2	22.3	30.3	38.5	49.1	59.9	70.6	82.2
67.5°	0.0	5.2	10.4	17.1	26.1	35.1	45.9	57.7	69.7	82.7	95.6
65°	0.0	5.7	11.5	19.9	29.9	40.5	53.2	66.1	80.3	94.7	109.1
62.5°	0.0	6.3	12.5	22.7	33.7	46.5	60.4	75.0	90.8	106.5	123.1
60°	0.0	6.8	13.6	25.5	37.3	52.4	67.4	83.9	101.0	118.5	136.7
57.5°	0.0	7.3	15.4	28.1	41.8	58.1	74.8	92.6	111.1	130.2	150.1
55°	0.0	7.8	17.1	30.7	46.3	63.7	81.9	101.1	120.9	141.5	163.2
52.5°	0.0	8.3	18.8	33.3	50.6	69.1	88.8	109.3	130.4	153.0	176.0
50°	0.0	8.7	20.4	35.7	54.8	74.6	95.5	117.3	139.7	164.2	187.9
47.5°	0.0	9.2	22.0	38.2	58.8	79.8	101.9	125.0	149.2	174.9	199.0
45°	0.0	9.6	23.5	41.1	62.7	84.8	108.2	132.4	158.4	184.4	209.6
42.5°	0.0	10.0	24.9	43.9	66.4	89.6	114.2	139.8	167.1	193.3	219.4
40°	0.0	10.4	26.3	46.5	70.0	94.1	120.0	147.0	175.1	201.7	228.6
37.5°	0.0	10.8	27.6	49.0	73.4	98.3	125.5	153.7	182.2	209.7	237.3
35°	0.0	11.1	28.8	51.3	76.6	102.5	130.6	159.9	188.9	217.3	245.4
32.5°	0.0	11.5	30.0	53.4	79.5	106.5	135.5	165.7	195.2	224.4	253.3
30°	0.0	11.8	31.1	55.3	82.3	110.2	140.1	171.0	201.0	230.9	260.7
27.5°	0.0	12.1	32.1	57.0	84.7	113.7	144.3	175.6	206.4	237.0	267.5
25°	0.0	12.3	33.0	58.6	87.0	116.8	148.2	179.9	211.2	242.5	273.7
22.5°	0.0	12.6	33.9	60.0	89.2	119.7	151.5	183.7	215.6	247.5	279.9
20°	0.0	12.8	34.6	61.2	91.1	122.2	154.5	187.1	219.5	251.9	285.4
17.5°	0.0	13.0	35.3	62.3	92.8	124.3	157.2	190.0	222.9	255.7	290.3
15°	0.0	13.1	35.9	63.1	94.4	126.0	159.7	192.7	225.7	259.0	294.4
12.5°	0.0	13.3	36.4	63.8	95.7	127.4	161.9	195.3	228.4	261.6	297.7
10°	0.0	13.4	36.8	64.3	96.8	128.5	163.7	197.4	230.8	264.8	300.9
7.5°	0.0	13.5	37.1	64.7	97.7	129.2	165.1	199.0	232.7	267.6	304.3
5°	0.0	13.5	37.3	64.8	98.3	129.6	166.1	200.2	234.0	269.9	307.0
2.5°	0.0	13.6	37.5	64.9	98.7	129.7	166.8	200.9	234.8	271.6	308.9
0°	0.0	13.6	37.5	64.7	98.8	129.5	167.0	201.1	235.1	272.6	310.1
-2.5°	0.0	13.6	37.5	64.9	98.7	129.7	166.8	200.9	234.8	271.6	308.9
-5°	0.0	13.5	37.3	64.8	98.3	129.6	166.1	200.2	234.0	269.9	307.0
-7.5°	0.0	13.5	37.1	64.7	97.7	129.2	165.1	199.0	232.7	267.6	304.3
-10°	0.0	13.4	36.8	64.3	96.8	128.5	163.7	197.4	230.8	264.8	300.9
-12.5°	0.0	13.3	36.4	63.8	95.7	127.4	161.9	195.3	228.4	261.6	297.7
-15°	0.0	13.1	35.9	63.1	94.4	126.0	159.7	192.7	225.7	259.0	294.4
-17.5°	0.0	13.0	35.3	62.3	92.8	124.3	157.2	190.0	222.9	255.7	290.3
-20°	0.0	12.8	34.6	61.2	91.1	122.2	154.5	187.1	219.5	251.9	285.4

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CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.6	33.9	60.0	89.2	119.7	151.5	183.7	215.6	247.5	279.9
-25°	0.0	12.3	33.0	58.6	87.0	116.8	148.2	179.9	211.2	242.5	273.7
-27.5°	0.0	12.1	32.1	57.0	84.7	113.7	144.3	175.6	206.4	237.0	267.5
-30°	0.0	11.8	31.1	55.3	82.3	110.2	140.1	171.0	201.0	230.9	260.7
-32.5°	0.0	11.5	30.0	53.4	79.5	106.5	135.5	165.7	195.2	224.4	253.3
-35°	0.0	11.1	28.8	51.3	76.6	102.5	130.6	159.9	188.9	217.3	245.4
-37.5°	0.0	10.8	27.6	49.0	73.4	98.3	125.5	153.7	182.2	209.7	237.3
-40°	0.0	10.4	26.3	46.5	70.0	94.1	120.0	147.0	175.1	201.7	228.6
-42.5°	0.0	10.0	24.9	43.9	66.4	89.6	114.2	139.8	167.1	193.3	219.4
-45°	0.0	9.6	23.5	41.1	62.7	84.8	108.2	132.4	158.4	184.4	209.6
-47.5°	0.0	9.2	22.0	38.2	58.8	79.8	101.9	125.0	149.2	174.9	199.0
-50°	0.0	8.7	20.4	35.7	54.8	74.6	95.5	117.3	139.7	164.2	187.9
-52.5°	0.0	8.3	18.8	33.3	50.6	69.1	88.8	109.3	130.4	153.0	176.0
-55°	0.0	7.8	17.1	30.7	46.3	63.7	81.9	101.1	120.9	141.5	163.2
-57.5°	0.0	7.3	15.4	28.1	41.8	58.1	74.8	92.6	111.1	130.2	150.1
-60°	0.0	6.8	13.6	25.5	37.3	52.4	67.4	83.9	101.0	118.5	136.7
-62.5°	0.0	6.3	12.5	22.7	33.7	46.5	60.4	75.0	90.8	106.5	123.1
-65°	0.0	5.7	11.5	19.9	29.9	40.5	53.2	66.1	80.3	94.7	109.1
-67.5°	0.0	5.2	10.4	17.1	26.1	35.1	45.9	57.7	69.7	82.7	95.6
-70°	0.0	4.7	9.3	14.2	22.3	30.3	38.5	49.1	59.9	70.6	82.2
-72.5°	0.0	4.1	8.2	12.2	18.3	25.4	32.4	40.4	50.0	59.5	68.8
-75°	0.0	3.5	7.0	10.5	14.3	20.4	26.4	32.9	40.0	48.2	56.4
-77.5°	0.0	2.9	5.9	8.8	11.7	15.4	20.4	25.7	31.4	37.3	43.8
-80°	0.0	2.4	4.7	7.1	9.4	11.7	14.3	18.5	22.8	27.4	32.2
-82.5°	0.0	1.8	3.5	5.3	7.1	8.8	10.5	12.2	14.2	17.4	20.8
-85°	0.0	1.2	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
-87.5°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.8	7.3	7.8	8.3	8.7	9.2	9.6	10.0	10.4	10.8
85°	12.5	13.6	15.6	17.6	19.5	21.4	23.2	24.9	26.5	28.1	29.6
82.5°	24.0	27.2	30.2	33.2	36.1	38.9	41.5	44.1	46.6	49.0	51.2
80°	36.5	40.7	44.9	48.8	52.6	56.3	59.9	63.3	66.6	70.2	73.9
77.5°	49.7	55.1	59.9	64.4	69.2	75.0	80.6	85.9	91.1	96.0	100.7
75°	63.4	69.4	76.1	82.6	89.5	96.4	103.2	109.7	116.1	122.6	129.1
72.5°	77.7	85.9	93.9	101.7	110.3	118.8	126.6	133.7	141.7	150.5	158.6
70°	92.8	102.3	112.4	122.5	132.2	141.7	151.3	161.0	170.8	180.3	189.4
67.5°	108.0	120.0	131.7	143.1	154.2	165.5	176.9	188.6	199.9	210.7	221.2
65°	124.3	137.7	150.8	163.5	175.9	189.7	203.2	216.3	230.5	243.8	255.3
62.5°	140.1	155.1	169.6	184.0	199.0	214.3	229.9	246.4	263.3	275.6	286.2
60°	155.3	172.2	188.3	204.9	221.6	238.8	256.9	274.4	289.9	303.3	314.4
57.5°	170.2	189.1	207.0	224.9	243.2	262.8	282.6	300.5	315.0	327.9	340.1
55°	184.6	205.6	224.5	243.6	264.5	287.4	307.7	323.9	338.7	349.3	361.0
52.5°	198.3	220.7	240.6	262.0	285.8	309.6	329.8	345.5	357.9	368.9	380.3
50°	211.4	233.9	256.0	280.3	305.5	329.4	349.8	364.2	376.7	388.2	399.1
47.5°	223.3	246.7	271.6	297.6	323.9	347.5	367.1	381.8	394.7	406.6	418.6
45°	234.4	259.6	286.1	314.6	341.6	365.0	382.8	398.5	411.0	424.3	439.4
42.5°	245.1	272.1	300.9	331.2	358.7	380.1	397.3	412.5	426.9	442.8	459.6
40°	255.6	283.7	314.8	346.7	374.7	393.2	410.6	426.6	443.1	461.2	479.6
37.5°	265.4	295.6	327.9	361.2	386.5	405.7	423.7	441.5	460.1	479.6	502.4
35°	274.4	306.5	340.4	372.5	396.9	417.9	437.1	456.4	477.2	501.1	526.2
32.5°	283.2	316.4	352.0	382.2	406.4	428.8	449.9	471.9	495.7	522.0	550.7
30°	291.8	326.2	362.2	392.0	414.8	437.7	462.6	487.0	513.5	542.6	576.4
27.5°	300.2	335.2	370.7	399.7	422.2	445.5	472.2	501.9	530.8	562.8	601.8
25°	307.8	344.5	379.1	405.8	428.6	453.0	480.9	512.5	546.5	584.5	632.4
22.5°	315.1	352.9	387.0	411.0	433.9	459.6	489.5	522.9	559.9	603.9	662.4
20°	321.9	359.4	392.4	415.8	438.3	464.8	497.0	532.2	574.4	627.7	697.7
17.5°	327.8	364.9	396.0	419.7	442.9	470.2	503.4	540.0	587.5	648.7	731.6
15°	332.9	369.4	399.2	422.7	446.8	475.8	509.9	549.8	601.8	669.3	760.8
12.5°	337.0	373.0	401.8	424.9	449.9	479.9	515.5	559.2	616.1	691.8	800.2
10°	340.3	375.6	403.9	426.2	452.0	482.6	519.8	566.6	627.7	710.6	834.0
7.5°	343.5	377.8	405.4	426.8	453.3	483.9	522.8	571.8	636.2	724.7	860.9
5°	345.8	380.0	406.2	428.1	454.0	484.5	524.9	574.8	641.5	734.0	880.0
2.5°	347.2	381.3	406.2	429.1	454.1	484.8	527.3	576.5	647.4	741.8	890.8
0°	347.6	381.7	405.5	429.4	453.2	483.9	528.2	575.9	650.9	746.3	892.9
-2.5°	347.2	381.3	406.2	429.1	454.1	484.8	527.3	576.5	647.4	741.8	890.8
-5°	345.8	380.0	406.2	428.1	454.0	484.5	524.9	574.8	641.5	734.0	880.0
-7.5°	343.5	377.8	405.4	426.8	453.3	483.9	522.8	571.8	636.2	724.7	860.9
-10°	340.3	375.6	403.9	426.2	452.0	482.6	519.8	566.6	627.7	710.6	834.0
-12.5°	337.0	373.0	401.8	424.9	449.9	479.9	515.5	559.2	616.1	691.8	800.2
-15°	332.9	369.4	399.2	422.7	446.8	475.8	509.9	549.8	601.8	669.3	760.8
-17.5°	327.8	364.9	396.0	419.7	442.9	470.2	503.4	540.0	587.5	648.7	731.6
-20°	321.9	359.4	392.4	415.8	438.3	464.8	497.0	532.2	574.4	627.7	697.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	315.1	352.9	387.0	411.0	433.9	459.6	489.5	522.9	559.9	603.9	662.4
-25°	307.8	344.5	379.1	405.8	428.6	453.0	480.9	512.5	546.5	584.5	632.4
-27.5°	300.2	335.2	370.7	399.7	422.2	445.5	472.2	501.9	530.8	562.8	601.8
-30°	291.8	326.2	362.2	392.0	414.8	437.7	462.6	487.0	513.5	542.6	576.4
-32.5°	283.2	316.4	352.0	382.2	406.4	428.8	449.9	471.9	495.7	522.0	550.7
-35°	274.4	306.5	340.4	372.5	396.9	417.9	437.1	456.4	477.2	501.1	526.2
-37.5°	265.4	295.6	327.9	361.2	386.5	405.7	423.7	441.5	460.1	479.6	502.4
-40°	255.6	283.7	314.8	346.7	374.7	393.2	410.6	426.6	443.1	461.2	479.6
-42.5°	245.1	272.1	300.9	331.2	358.7	380.1	397.3	412.5	426.9	442.8	459.6
-45°	234.4	259.6	286.1	314.6	341.6	365.0	382.8	398.5	411.0	424.3	439.4
-47.5°	223.3	246.7	271.6	297.6	323.9	347.5	367.1	381.8	394.7	406.6	418.6
-50°	211.4	233.9	256.0	280.3	305.5	329.4	349.8	364.2	376.7	388.2	399.1
-52.5°	198.3	220.7	240.6	262.0	285.8	309.6	329.8	345.5	357.9	368.9	380.3
-55°	184.6	205.6	224.5	243.6	264.5	287.4	307.7	323.9	338.7	349.3	361.0
-57.5°	170.2	189.1	207.0	224.9	243.2	262.8	282.6	300.5	315.0	327.9	340.1
-60°	155.3	172.2	188.3	204.9	221.6	238.8	256.9	274.4	289.9	303.3	314.4
-62.5°	140.1	155.1	169.6	184.0	199.0	214.3	229.9	246.4	263.3	275.6	286.2
-65°	124.3	137.7	150.8	163.5	175.9	189.7	203.2	216.3	230.5	243.8	255.3
-67.5°	108.0	120.0	131.7	143.1	154.2	165.5	176.9	188.6	199.9	210.7	221.2
-70°	92.8	102.3	112.4	122.5	132.2	141.7	151.3	161.0	170.8	180.3	189.4
-72.5°	77.7	85.9	93.9	101.7	110.3	118.8	126.6	133.7	141.7	150.5	158.6
-75°	63.4	69.4	76.1	82.6	89.5	96.4	103.2	109.7	116.1	122.6	129.1
-77.5°	49.7	55.1	59.9	64.4	69.2	75.0	80.6	85.9	91.1	96.0	100.7
-80°	36.5	40.7	44.9	48.8	52.6	56.3	59.9	63.3	66.6	70.2	73.9
-82.5°	24.0	27.2	30.2	33.2	36.1	38.9	41.5	44.1	46.6	49.0	51.2
-85°	12.5	13.6	15.6	17.6	19.5	21.4	23.2	24.9	26.5	28.1	29.6
-87.5°	6.3	6.8	7.3	7.8	8.3	8.7	9.2	9.6	10.0	10.4	10.8
-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: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	13.3	13.4
85°	31.0	32.3	33.6	34.7	35.8	36.0	36.1	36.1	35.9	36.4	36.8
82.5°	53.3	55.7	58.1	60.5	62.9	63.8	64.4	64.8	65.1	66.0	66.8
80°	77.4	81.2	84.7	87.8	90.6	92.6	94.4	96.0	97.5	98.2	98.6
77.5°	105.4	110.0	114.3	118.2	121.9	124.8	127.2	129.0	130.5	131.4	132.0
75°	135.5	141.3	146.5	151.3	155.7	158.8	160.9	162.5	163.6	164.7	165.6
72.5°	166.0	172.6	178.7	184.5	189.5	193.1	195.6	197.6	199.2	200.3	200.9
70°	198.0	205.9	212.6	218.4	223.0	226.4	229.1	231.3	233.0	234.1	234.7
67.5°	231.1	239.6	245.9	251.0	255.1	258.7	262.0	264.5	266.1	267.7	269.5
65°	264.9	273.5	280.0	285.3	289.7	294.4	298.6	301.8	303.9	305.8	307.8
62.5°	296.6	306.4	313.9	320.9	328.0	334.7	338.6	341.6	343.7	345.6	347.8
60°	325.5	336.5	345.7	354.2	362.9	371.7	375.2	378.0	380.7	383.1	385.4
57.5°	351.1	362.8	374.0	382.4	390.7	398.8	404.4	407.6	409.6	410.8	411.7
55°	373.4	385.1	396.2	405.9	414.9	423.3	429.6	432.6	434.8	436.3	437.1
52.5°	393.4	405.9	417.8	428.6	438.3	447.3	455.1	459.2	462.6	465.0	465.8
50°	413.0	426.6	439.4	450.9	462.2	473.0	483.0	488.7	492.8	495.3	496.1
47.5°	433.5	448.1	462.1	475.4	488.3	501.1	512.9	520.8	526.6	530.9	534.0
45°	454.8	470.6	486.0	501.8	516.6	533.1	548.0	559.4	567.9	575.3	581.1
42.5°	476.2	494.0	511.8	532.0	552.2	571.0	588.7	603.9	617.8	631.3	641.9
40°	499.6	519.1	543.3	567.3	592.2	614.0	640.0	663.2	684.5	707.4	726.5
37.5°	525.1	550.1	578.8	607.6	640.0	671.4	707.6	743.2	774.2	814.5	846.8
35°	552.9	584.5	618.4	657.1	698.9	748.1	798.7	858.1	908.5	972.5	1031.6
32.5°	583.8	621.1	665.1	718.2	774.5	833.6	897.8	968.5	1045.5	1129.5	1220.5
30°	615.3	663.4	723.3	791.9	872.2	966.4	1075.3	1190.5	1313.5	1445.5	1597.5
27.5°	652.6	715.1	789.8	875.8	976.3	1093.6	1228.3	1382.2	1546.3	1731.3	1939.3
25°	692.8	770.1	860.5	964.0	1083.0	1218.5	1372.5	1547.7	1745.3	1967.3	2215.3
22.5°	740.4	845.4	961.6	1092.6	1240.0	1405.0	1589.5	1795.5	2025.5	2281.5	2565.5
20°	790.8	917.6	1052.1	1204.5	1376.0	1567.5	1780.0	2015.0	2284.0	2588.0	2928.0
17.5°	849.6	1021.9	1209.2	1416.1	1644.2	1895.6	2172.0	2476.0	2809.0	3173.0	3569.0
15°	900.2	1113.1	1335.7	1587.1	1870.1	2187.4	2541.0	2933.0	3357.0	3815.0	4309.0
12.5°	964.7	1223.0	1506.7	1825.7	2191.9	2598.4	3047.0	3540.0	4071.0	4643.0	5258.0
10°	1023.9	1338.2	1665.8	2029.9	2446.2	2917.6	3437.0	4007.0	4629.0	5297.0	6013.0
7.5°	1071.3	1429.5	1809.7	2214.3	2645.5	3127.1	3662.0	4253.0	4893.0	5585.0	6331.0
5°	1104.3	1492.8	1928.4	2371.5	2835.5	3327.6	3850.0	4415.0	5025.0	5683.0	6391.0
2.5°	1125.0	1527.5	1916.3	2393.5	2876.3	3387.6	3937.0	4517.0	5129.0	5785.0	6497.0
0°	1134.8	1533.5	1923.0	2399.0	2882.2	3393.8	3944.0	4529.0	5143.0	5799.0	6503.0
-2.5°	1125.0	1527.5	1916.3	2393.5	2876.3	3387.6	3937.0	4517.0	5129.0	5785.0	6497.0
-5°	1104.3	1492.8	1928.4	2371.5	2835.5	3327.6	3850.0	4415.0	5025.0	5683.0	6391.0
-7.5°	1071.3	1429.5	1809.7	2214.3	2645.5	3127.1	3662.0	4253.0	4893.0	5585.0	6331.0
-10°	1023.9	1338.2	1665.8	2029.9	2446.2	2917.6	3437.0	4007.0	4629.0	5297.0	6013.0
-12.5°	964.7	1223.0	1506.7	1825.7	2191.9	2598.4	3047.0	3540.0	4071.0	4643.0	5258.0
-15°	900.2	1113.1	1335.7	1587.1	1870.1	2187.4	2541.0	2933.0	3357.0	3815.0	4309.0
-17.5°	849.6	1021.9	1209.2	1416.1	1644.2	1895.6	2172.0	2476.0	2809.0	3173.0	3569.0
-20°	790.8	917.6	1052.1	1204.5	1376.0	1567.5	1780.0	2015.0	2284.0	2588.0	2928.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	740.4	845.4	991.6	1192.6	1536.0	2077.0	2779.5	3849.8	5039.5	6213.7	7286.9
-25°	692.8	770.1	880.5	1034.0	1231.0	1545.5	1995.5	2516.7	3319.3	4033.1	4853.5
-27.5°	652.6	715.1	789.8	895.8	1038.3	1193.6	1460.3	1748.2	2149.3	2466.8	3032.3
-30°	615.3	663.4	723.3	791.9	887.2	999.4	1130.3	1300.5	1484.7	1675.2	1931.7
-32.5°	583.8	621.1	665.1	718.2	774.5	853.6	927.8	1028.5	1114.5	1225.6	1346.9
-35°	552.9	584.5	618.4	657.1	698.9	748.1	798.7	858.1	908.5	972.5	1031.6
-37.5°	525.1	550.1	578.8	607.6	640.0	671.4	707.6	743.2	774.2	814.5	846.8
-40°	499.6	519.1	543.3	567.3	592.2	614.0	640.0	663.2	684.5	707.4	726.5
-42.5°	476.2	494.0	511.8	532.0	552.2	571.0	588.7	603.9	617.8	631.3	641.9
-45°	454.8	470.6	486.0	501.8	516.6	533.1	548.0	559.4	567.9	575.3	581.1
-47.5°	433.5	448.1	462.1	475.4	488.3	501.1	512.9	520.8	526.6	530.9	534.0
-50°	413.0	426.6	439.4	450.9	462.2	473.0	483.0	488.7	492.8	495.3	496.1
-52.5°	393.4	405.9	417.8	428.6	438.3	447.3	455.1	459.2	462.6	465.0	465.8
-55°	373.4	385.1	396.2	405.9	414.9	423.3	429.6	432.6	434.8	436.3	437.1
-57.5°	351.1	362.8	374.0	382.4	390.7	398.8	404.4	407.6	409.6	410.8	411.7
-60°	325.5	336.5	345.7	354.2	362.9	371.7	375.2	378.0	380.7	383.1	385.4
-62.5°	296.6	306.4	313.9	320.9	328.0	334.7	338.6	341.6	343.7	345.6	347.8
-65°	264.9	273.5	280.0	285.3	289.7	294.4	298.6	301.8	303.9	305.8	307.8
-67.5°	231.1	239.6	245.9	251.0	255.1	258.7	262.0	264.5	266.1	267.7	269.5
-70°	198.0	205.9	212.6	218.4	223.0	226.4	229.1	231.3	233.0	234.1	234.7
-72.5°	166.0	172.6	178.7	184.5	189.5	193.1	195.6	197.6	199.2	200.3	200.9
-75°	135.5	141.3	146.5	151.3	155.7	158.8	160.9	162.5	163.6	164.7	165.6
-77.5°	105.4	110.0	114.3	118.2	121.9	124.8	127.2	129.0	130.5	131.4	132.0
-80°	77.4	81.2	84.7	87.8	90.6	92.6	94.4	96.0	97.5	98.2	98.6
-82.5°	53.3	55.7	58.1	60.5	62.9	63.8	64.4	64.8	65.1	66.0	66.8
-85°	31.0	32.3	33.6	34.7	35.8	36.0	36.1	36.1	35.9	36.4	36.8
-87.5°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	13.3	13.4
-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: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.4	13.3	13.1	13.0
85°	37.1	37.3	37.5	37.5	37.5	37.3	37.1	36.8	36.4	35.9	36.1
82.5°	67.4	67.8	68.1	68.2	68.1	67.8	67.4	66.8	66.0	65.1	64.8
80°	98.6	98.4	98.7	98.8	98.7	98.4	98.6	98.6	98.2	97.5	96.0
77.5°	132.3	132.3	132.7	132.9	132.7	132.3	132.3	132.0	131.4	130.5	129.0
75°	166.1	166.3	166.8	167.0	166.8	166.3	166.1	165.6	164.7	163.6	162.5
72.5°	200.9	200.3	200.9	201.1	200.9	200.3	200.9	200.9	200.3	199.2	197.6
70°	234.7	234.2	236.4	238.5	236.4	234.2	234.7	234.7	234.1	233.0	231.3
67.5°	270.7	271.4	273.8	276.0	273.8	271.4	270.7	269.5	267.7	266.1	264.5
65°	308.8	308.9	311.2	313.5	311.2	308.9	308.8	307.8	305.8	303.9	301.8
62.5°	349.2	349.6	352.0	354.4	352.0	349.6	349.2	347.8	345.6	343.7	341.6
60°	386.7	387.1	388.0	388.5	388.0	387.1	386.7	385.4	383.1	380.7	378.0
57.5°	412.0	411.6	412.0	412.3	412.0	411.6	412.0	411.7	410.8	409.6	407.6
55°	437.0	435.8	434.5	432.8	434.5	435.8	437.0	437.1	436.3	434.8	432.6
52.5°	465.2	463.4	461.8	460.1	461.8	463.4	465.2	465.8	465.0	462.6	459.2
50°	495.6	493.9	492.4	490.7	492.4	493.9	495.6	496.1	495.3	492.8	488.7
47.5°	536.1	536.7	536.4	535.0	536.4	536.7	536.1	534.0	530.9	526.6	520.8
45°	585.3	587.2	587.5	586.1	587.5	587.2	585.3	581.1	575.3	567.9	559.4
42.5°	649.3	653.7	656.1	657.7	656.1	653.7	649.3	641.9	631.3	617.8	603.9
40°	740.3	749.1	754.7	759.9	754.7	749.1	740.3	726.5	707.4	684.5	663.2
37.5°	870.7	886.7	893.9	889.4	893.9	886.7	870.7	846.8	814.5	774.2	743.2
35°	1077.1	1107.5	1123.3	1124.6	1123.3	1107.5	1077.1	1031.6	972.5	908.5	858.1
32.5°	1436.6	1498.8	1532.3	1536.9	1532.3	1498.8	1436.6	1346.9	1225.6	1114.5	1028.5
30°	2128.0	2254.8	2314.4	2300.3	2314.4	2254.8	2128.0	1931.7	1675.2	1484.7	1300.5
27.5°	3471.9	3788.2	3975.7	3990.6	3975.7	3788.2	3471.9	3032.3	2466.8	2149.3	1748.2
25°	5580.1	6120.1	6465.9	6471.5	6465.9	6120.1	5580.1	4853.5	4033.1	3319.3	2516.7
22.5°	8279.3	9016.4	9420.3	9490.8	9420.3	9016.4	8279.3	7286.9	6213.7	5039.5	3849.8
20°	11406.5	12387.0	12911.7	12912.3	12911.7	12387.0	11406.5	10090.0	8733.8	7124.6	5545.2
17.5°	15257.8	16849.9	17849.4	18279.6	17849.4	16849.9	15257.8	13341.9	11558.2	9504.7	7441.3
15°	20374.2	23049.7	24652.9	24941.9	24652.9	23049.7	20374.2	17593.0	14704.7	12039.8	9444.9
12.5°	26604.0	29990.0	32266.0	33100.2	32266.0	29990.0	26604.0	22698.2	18195.5	14657.1	11488.4
10°	33108.5	36245.8	38684.2	39503.5	38684.2	36245.8	33108.5	28154.3	22722.9	17405.6	13295.5
7.5°	37807.4	41548.5	44295.2	45501.3	44295.2	41548.5	37807.4	32885.9	26680.2	20348.5	15220.9
5°	41516.8	45943.5	48500.3	49635.0	48500.3	45943.5	41516.8	36255.9	29919.4	22829.1	16640.2
2.5°	43950.6	48324.5	51032.1	52078.4	51032.1	48324.5	43950.6	38396.9	31981.4	24349.4	17542.2
0°	44860.7	49137.5	51812.6	53090.6	51812.6	49137.5	44860.7	38931.0	32541.4	24710.2	17843.4
-2.5°	43950.6	48324.5	51032.1	52078.4	51032.1	48324.5	43950.6	38396.9	31981.4	24349.4	17542.2
-5°	41516.8	45943.5	48500.3	49635.0	48500.3	45943.5	41516.8	36255.9	29919.4	22829.1	16640.2
-7.5°	37807.4	41548.5	44295.2	45501.3	44295.2	41548.5	37807.4	32885.9	26680.2	20348.5	15220.9
-10°	33108.5	36245.8	38684.2	39503.5	38684.2	36245.8	33108.5	28154.3	22722.9	17405.6	13295.5
-12.5°	26604.0	29990.0	32266.0	33100.2	32266.0	29990.0	26604.0	22698.2	18195.5	14657.1	11488.4
-15°	20374.2	23049.7	24652.9	24941.9	24652.9	23049.7	20374.2	17593.0	14704.7	12039.8	9444.9
-17.5°	15257.8	16849.9	17849.4	18279.6	17849.4	16849.9	15257.8	13341.9	11558.2	9504.7	7441.3
-20°	11406.5	12387.0	12911.7	12912.3	12911.7	12387.0	11406.5	10090.0	8733.8	7124.6	5545.2



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8279.3	9016.4	9420.3	9490.8	9420.3	9016.4	8279.3	7286.9	6213.7	5039.5	3849.8
-25°	5580.1	6120.1	6465.9	6471.5	6465.9	6120.1	5580.1	4853.5	4033.1	3319.3	2516.7
-27.5°	3471.9	3788.2	3975.7	3990.6	3975.7	3788.2	3471.9	3032.3	2466.8	2149.3	1748.2
-30°	2128.0	2254.8	2314.4	2300.3	2314.4	2254.8	2128.0	1931.7	1675.2	1484.7	1300.5
-32.5°	1436.6	1498.8	1532.3	1536.9	1532.3	1498.8	1436.6	1346.9	1225.6	1114.5	1028.5
-35°	1077.1	1107.5	1123.3	1124.6	1123.3	1107.5	1077.1	1031.6	972.5	908.5	858.1
-37.5°	870.7	886.7	893.9	889.4	893.9	886.7	870.7	846.8	814.5	774.2	743.2
-40°	740.3	749.1	754.7	759.9	754.7	749.1	740.3	726.5	707.4	684.5	663.2
-42.5°	649.3	653.7	656.1	657.7	656.1	653.7	649.3	641.9	631.3	617.8	603.9
-45°	585.3	587.2	587.5	586.1	587.5	587.2	585.3	581.1	575.3	567.9	559.4
-47.5°	536.1	536.7	536.4	535.0	536.4	536.7	536.1	534.0	530.9	526.6	520.8
-50°	495.6	493.9	492.4	490.7	492.4	493.9	495.6	496.1	495.3	492.8	488.7
-52.5°	465.2	463.4	461.8	460.1	461.8	463.4	465.2	465.8	465.0	462.6	459.2
-55°	437.0	435.8	434.5	432.8	434.5	435.8	437.0	437.1	436.3	434.8	432.6
-57.5°	412.0	411.6	412.0	412.3	412.0	411.6	412.0	411.7	410.8	409.6	407.6
-60°	386.7	387.1	388.0	388.5	388.0	387.1	386.7	385.4	383.1	380.7	378.0
-62.5°	349.2	349.6	352.0	354.4	352.0	349.6	349.2	347.8	345.6	343.7	341.6
-65°	308.8	308.9	311.2	313.5	311.2	308.9	308.8	307.8	305.8	303.9	301.8
-67.5°	270.7	271.4	273.8	276.0	273.8	271.4	270.7	269.5	267.7	266.1	264.5
-70°	234.7	234.2	236.4	238.5	236.4	234.2	234.7	234.7	234.1	233.0	231.3
-72.5°	200.9	200.3	200.9	201.1	200.9	200.3	200.9	200.9	200.3	199.2	197.6
-75°	166.1	166.3	166.8	167.0	166.8	166.3	166.1	165.6	164.7	163.6	162.5
-77.5°	132.3	132.3	132.7	132.9	132.7	132.3	132.3	132.0	131.4	130.5	129.0
-80°	98.6	98.4	98.7	98.8	98.7	98.4	98.6	98.6	98.2	97.5	96.0
-82.5°	67.4	67.8	68.1	68.2	68.1	67.8	67.4	66.8	66.0	65.1	64.8
-85°	37.1	37.3	37.5	37.5	37.5	37.3	37.1	36.8	36.4	35.9	36.1
-87.5°	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.4	13.3	13.1	13.0
-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: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
85°	36.1	36.0	35.8	34.7	33.6	32.3	31.0	29.6	28.1	26.5	24.9
82.5°	64.4	63.8	62.9	60.5	58.1	55.7	53.3	51.2	49.0	46.6	44.1
80°	94.4	92.6	90.6	87.8	84.7	81.2	77.4	73.9	70.2	66.6	63.3
77.5°	127.2	124.8	121.9	118.2	114.3	110.0	105.4	100.7	96.0	91.1	85.9
75°	160.9	158.8	155.7	151.3	146.5	141.3	135.5	129.1	122.6	116.1	109.7
72.5°	195.6	193.1	189.5	184.5	178.7	172.6	166.0	158.6	150.5	141.7	133.7
70°	229.1	226.4	223.0	218.4	212.6	205.9	198.0	189.4	180.3	170.8	161.0
67.5°	262.0	258.7	255.1	251.0	245.9	239.6	231.1	221.2	210.7	199.9	188.6
65°	298.6	294.4	289.7	285.3	280.0	273.5	264.9	255.3	243.8	230.5	216.3
62.5°	338.6	334.7	328.0	320.9	313.9	306.4	296.6	286.2	275.6	263.3	246.4
60°	375.2	371.7	362.9	354.2	345.7	336.5	325.5	314.4	303.3	289.9	274.4
57.5°	404.4	398.8	390.7	382.4	374.0	362.8	351.1	340.1	327.9	315.0	300.5
55°	429.6	423.3	414.9	405.9	396.2	385.1	373.4	361.0	349.3	338.7	323.9
52.5°	455.1	447.3	438.3	428.6	417.8	405.9	393.4	380.3	368.9	357.9	345.5
50°	483.0	473.0	462.2	450.9	439.4	426.6	413.0	399.1	388.2	376.7	364.2
47.5°	512.9	501.1	488.3	475.4	462.1	448.1	433.5	418.6	406.6	394.7	381.8
45°	548.0	533.1	516.6	501.8	486.0	470.6	454.8	439.4	424.3	411.0	398.5
42.5°	588.7	571.0	552.2	532.0	511.8	494.0	476.2	459.6	442.8	426.9	412.5
40°	640.0	614.0	592.2	567.3	543.3	519.1	499.6	479.6	461.2	443.1	426.6
37.5°	707.6	671.4	640.0	607.6	578.8	550.1	525.1	502.4	479.6	460.1	441.5
35°	798.7	748.1	698.9	657.1	618.4	584.5	552.9	526.2	501.1	477.2	456.4
32.5°	927.8	853.6	774.5	718.2	665.1	621.1	583.8	550.7	522.0	495.7	471.9
30°	1130.3	999.4	887.2	791.9	723.3	663.4	615.3	576.4	542.6	513.5	487.0
27.5°	1460.3	1193.6	1038.3	895.8	789.8	715.1	652.6	601.8	562.8	530.8	501.9
25°	1995.5	1545.5	1231.0	1034.0	880.5	770.1	692.8	632.4	584.5	546.5	512.5
22.5°	2779.5	2077.0	1536.0	1192.6	991.6	845.4	740.4	662.4	603.9	559.9	522.9
20°	4015.9	2762.5	1980.2	1449.5	1122.1	917.6	790.8	697.7	627.7	574.4	532.2
17.5°	5496.7	3822.6	2483.2	1726.1	1291.2	1021.9	849.6	731.6	648.7	587.5	540.0
15°	6989.0	4931.4	3256.1	2127.1	1475.7	1113.1	900.2	760.8	669.3	601.8	549.8
12.5°	8637.0	6119.4	3941.9	2458.7	1665.7	1223.0	964.7	800.2	691.8	616.1	559.2
10°	10060.5	7229.1	4766.2	2989.9	1915.8	1338.2	1023.9	834.0	710.6	627.7	566.6
7.5°	11342.3	8177.1	5457.5	3404.3	2109.7	1429.5	1071.3	860.9	724.7	636.2	571.8
5°	12251.9	8901.6	6013.5	3717.5	2248.4	1492.8	1104.3	880.0	734.0	641.5	574.8
2.5°	12819.4	9337.6	6376.3	3903.5	2316.3	1527.5	1125.0	890.8	741.8	647.4	576.5
0°	12871.4	9306.8	6427.2	3994.0	2273.0	1533.5	1134.8	892.9	746.3	650.9	575.9
-2.5°	12819.4	9337.6	6376.3	3903.5	2316.3	1527.5	1125.0	890.8	741.8	647.4	576.5
-5°	12251.9	8901.6	6013.5	3717.5	2248.4	1492.8	1104.3	880.0	734.0	641.5	574.8
-7.5°	11342.3	8177.1	5457.5	3404.3	2109.7	1429.5	1071.3	860.9	724.7	636.2	571.8
-10°	10060.5	7229.1	4766.2	2989.9	1915.8	1338.2	1023.9	834.0	710.6	627.7	566.6
-12.5°	8637.0	6119.4	3941.9	2458.7	1665.7	1223.0	964.7	800.2	691.8	616.1	559.2
-15°	6989.0	4931.4	3256.1	2127.1	1475.7	1113.1	900.2	760.8	669.3	601.8	549.8
-17.5°	5496.7	3822.6	2483.2	1726.1	1291.2	1021.9	849.6	731.6	648.7	587.5	540.0
-20°	4015.9	2762.5	1980.2	1449.5	1122.1	917.6	790.8	697.7	627.7	574.4	532.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2779.5	2077.0	1536.0	1192.6	991.6	845.4	740.4	662.4	603.9	559.9	522.9
-25°	1995.5	1545.5	1231.0	1034.0	880.5	770.1	692.8	632.4	584.5	546.5	512.5
-27.5°	1460.3	1193.6	1038.3	895.8	789.8	715.1	652.6	601.8	562.8	530.8	501.9
-30°	1130.3	999.4	887.2	791.9	723.3	663.4	615.3	576.4	542.6	513.5	487.0
-32.5°	927.8	853.6	774.5	718.2	665.1	621.1	583.8	550.7	522.0	495.7	471.9
-35°	798.7	748.1	698.9	657.1	618.4	584.5	552.9	526.2	501.1	477.2	456.4
-37.5°	707.6	671.4	640.0	607.6	578.8	550.1	525.1	502.4	479.6	460.1	441.5
-40°	640.0	614.0	592.2	567.3	543.3	519.1	499.6	479.6	461.2	443.1	426.6
-42.5°	588.7	571.0	552.2	532.0	511.8	494.0	476.2	459.6	442.8	426.9	412.5
-45°	548.0	533.1	516.6	501.8	486.0	470.6	454.8	439.4	424.3	411.0	398.5
-47.5°	512.9	501.1	488.3	475.4	462.1	448.1	433.5	418.6	406.6	394.7	381.8
-50°	483.0	473.0	462.2	450.9	439.4	426.6	413.0	399.1	388.2	376.7	364.2
-52.5°	455.1	447.3	438.3	428.6	417.8	405.9	393.4	380.3	368.9	357.9	345.5
-55°	429.6	423.3	414.9	405.9	396.2	385.1	373.4	361.0	349.3	338.7	323.9
-57.5°	404.4	398.8	390.7	382.4	374.0	362.8	351.1	340.1	327.9	315.0	300.5
-60°	375.2	371.7	362.9	354.2	345.7	336.5	325.5	314.4	303.3	289.9	274.4
-62.5°	338.6	334.7	328.0	320.9	313.9	306.4	296.6	286.2	275.6	263.3	246.4
-65°	298.6	294.4	289.7	285.3	280.0	273.5	264.9	255.3	243.8	230.5	216.3
-67.5°	262.0	258.7	255.1	251.0	245.9	239.6	231.1	221.2	210.7	199.9	188.6
-70°	229.1	226.4	223.0	218.4	212.6	205.9	198.0	189.4	180.3	170.8	161.0
-72.5°	195.6	193.1	189.5	184.5	178.7	172.6	166.0	158.6	150.5	141.7	133.7
-75°	160.9	158.8	155.7	151.3	146.5	141.3	135.5	129.1	122.6	116.1	109.7
-77.5°	127.2	124.8	121.9	118.2	114.3	110.0	105.4	100.7	96.0	91.1	85.9
-80°	94.4	92.6	90.6	87.8	84.7	81.2	77.4	73.9	70.2	66.6	63.3
-82.5°	64.4	63.8	62.9	60.5	58.1	55.7	53.3	51.2	49.0	46.6	44.1
-85°	36.1	36.0	35.8	34.7	33.6	32.3	31.0	29.6	28.1	26.5	24.9
-87.5°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
-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: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.1
85°	23.2	21.4	19.5	17.6	15.6	13.6	12.5	11.5	10.4	9.3	8.2
82.5°	41.5	38.9	36.1	33.2	30.2	27.2	24.0	20.8	17.4	14.2	12.2
80°	59.9	56.3	52.6	48.8	44.9	40.7	36.5	32.2	27.4	22.8	18.5
77.5°	80.6	75.0	69.2	64.4	59.9	55.1	49.7	43.8	37.3	31.4	25.7
75°	103.2	96.4	89.5	82.6	76.1	69.4	63.4	56.4	48.2	40.0	32.9
72.5°	126.6	118.8	110.3	101.7	93.9	85.9	77.7	68.8	59.5	50.0	40.4
70°	151.3	141.7	132.2	122.5	112.4	102.3	92.8	82.2	70.6	59.9	49.1
67.5°	176.9	165.5	154.2	143.1	131.7	120.0	108.0	95.6	82.7	69.7	57.7
65°	203.2	189.7	175.9	163.5	150.8	137.7	124.3	109.1	94.7	80.3	66.1
62.5°	229.9	214.3	199.0	184.0	169.6	155.1	140.1	123.1	106.5	90.8	75.0
60°	256.9	238.8	221.6	204.9	188.3	172.2	155.3	136.7	118.5	101.0	83.9
57.5°	282.6	262.8	243.2	224.9	207.0	189.1	170.2	150.1	130.2	111.1	92.6
55°	307.7	287.4	264.5	243.6	224.5	205.6	184.6	163.2	141.5	120.9	101.1
52.5°	329.8	309.6	285.8	262.0	240.6	220.7	198.3	176.0	153.0	130.4	109.3
50°	349.8	329.4	305.5	280.3	256.0	233.9	211.4	187.9	164.2	139.7	117.3
47.5°	367.1	347.5	323.9	297.6	271.6	246.7	223.3	199.0	174.9	149.2	125.0
45°	382.8	365.0	341.6	314.6	286.1	259.6	234.4	209.6	184.4	158.4	132.4
42.5°	397.3	380.1	358.7	331.2	300.9	272.1	245.1	219.4	193.3	167.1	139.8
40°	410.6	393.2	374.7	346.7	314.8	283.7	255.6	228.6	201.7	175.1	147.0
37.5°	423.7	405.7	386.5	361.2	327.9	295.6	265.4	237.3	209.7	182.2	153.7
35°	437.1	417.9	396.9	372.5	340.4	306.5	274.4	245.4	217.3	188.9	159.9
32.5°	449.9	428.8	406.4	382.2	352.0	316.4	283.2	253.3	224.4	195.2	165.7
30°	462.6	437.7	414.8	392.0	362.2	326.2	291.8	260.7	230.9	201.0	171.0
27.5°	472.2	445.5	422.2	399.7	370.7	335.2	300.2	267.5	237.0	206.4	175.6
25°	480.9	453.0	428.6	405.8	379.1	344.5	307.8	273.7	242.5	211.2	179.9
22.5°	489.5	459.6	433.9	411.0	387.0	352.9	315.1	279.9	247.5	215.6	183.7
20°	497.0	464.8	438.3	415.8	392.4	359.4	321.9	285.4	251.9	219.5	187.1
17.5°	503.4	470.2	442.9	419.7	396.0	364.9	327.8	290.3	255.7	222.9	190.0
15°	509.9	475.8	446.8	422.7	399.2	369.4	332.9	294.4	259.0	225.7	192.7
12.5°	515.5	479.9	449.9	424.9	401.8	373.0	337.0	297.7	261.6	228.4	195.3
10°	519.8	482.6	452.0	426.2	403.9	375.6	340.3	300.9	264.8	230.8	197.4
7.5°	522.8	483.9	453.3	426.8	405.4	377.8	343.5	304.3	267.6	232.7	199.0
5°	524.9	484.5	454.0	428.1	406.2	380.0	345.8	307.0	269.9	234.0	200.2
2.5°	527.3	484.8	454.1	429.1	406.2	381.3	347.2	308.9	271.6	234.8	200.9
0°	528.2	483.9	453.2	429.4	405.5	381.7	347.6	310.1	272.6	235.1	201.1
-2.5°	527.3	484.8	454.1	429.1	406.2	381.3	347.2	308.9	271.6	234.8	200.9
-5°	524.9	484.5	454.0	428.1	406.2	380.0	345.8	307.0	269.9	234.0	200.2
-7.5°	522.8	483.9	453.3	426.8	405.4	377.8	343.5	304.3	267.6	232.7	199.0
-10°	519.8	482.6	452.0	426.2	403.9	375.6	340.3	300.9	264.8	230.8	197.4
-12.5°	515.5	479.9	449.9	424.9	401.8	373.0	337.0	297.7	261.6	228.4	195.3
-15°	509.9	475.8	446.8	422.7	399.2	369.4	332.9	294.4	259.0	225.7	192.7
-17.5°	503.4	470.2	442.9	419.7	396.0	364.9	327.8	290.3	255.7	222.9	190.0
-20°	497.0	464.8	438.3	415.8	392.4	359.4	321.9	285.4	251.9	219.5	187.1



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	489.5	459.6	433.9	411.0	387.0	352.9	315.1	279.9	247.5	215.6	183.7
-25°	480.9	453.0	428.6	405.8	379.1	344.5	307.8	273.7	242.5	211.2	179.9
-27.5°	472.2	445.5	422.2	399.7	370.7	335.2	300.2	267.5	237.0	206.4	175.6
-30°	462.6	437.7	414.8	392.0	362.2	326.2	291.8	260.7	230.9	201.0	171.0
-32.5°	449.9	428.8	406.4	382.2	352.0	316.4	283.2	253.3	224.4	195.2	165.7
-35°	437.1	417.9	396.9	372.5	340.4	306.5	274.4	245.4	217.3	188.9	159.9
-37.5°	423.7	405.7	386.5	361.2	327.9	295.6	265.4	237.3	209.7	182.2	153.7
-40°	410.6	393.2	374.7	346.7	314.8	283.7	255.6	228.6	201.7	175.1	147.0
-42.5°	397.3	380.1	358.7	331.2	300.9	272.1	245.1	219.4	193.3	167.1	139.8
-45°	382.8	365.0	341.6	314.6	286.1	259.6	234.4	209.6	184.4	158.4	132.4
-47.5°	367.1	347.5	323.9	297.6	271.6	246.7	223.3	199.0	174.9	149.2	125.0
-50°	349.8	329.4	305.5	280.3	256.0	233.9	211.4	187.9	164.2	139.7	117.3
-52.5°	329.8	309.6	285.8	262.0	240.6	220.7	198.3	176.0	153.0	130.4	109.3
-55°	307.7	287.4	264.5	243.6	224.5	205.6	184.6	163.2	141.5	120.9	101.1
-57.5°	282.6	262.8	243.2	224.9	207.0	189.1	170.2	150.1	130.2	111.1	92.6
-60°	256.9	238.8	221.6	204.9	188.3	172.2	155.3	136.7	118.5	101.0	83.9
-62.5°	229.9	214.3	199.0	184.0	169.6	155.1	140.1	123.1	106.5	90.8	75.0
-65°	203.2	189.7	175.9	163.5	150.8	137.7	124.3	109.1	94.7	80.3	66.1
-67.5°	176.9	165.5	154.2	143.1	131.7	120.0	108.0	95.6	82.7	69.7	57.7
-70°	151.3	141.7	132.2	122.5	112.4	102.3	92.8	82.2	70.6	59.9	49.1
-72.5°	126.6	118.8	110.3	101.7	93.9	85.9	77.7	68.8	59.5	50.0	40.4
-75°	103.2	96.4	89.5	82.6	76.1	69.4	63.4	56.4	48.2	40.0	32.9
-77.5°	80.6	75.0	69.2	64.4	59.9	55.1	49.7	43.8	37.3	31.4	25.7
-80°	59.9	56.3	52.6	48.8	44.9	40.7	36.5	32.2	27.4	22.8	18.5
-82.5°	41.5	38.9	36.1	33.2	30.2	27.2	24.0	20.8	17.4	14.2	12.2
-85°	23.2	21.4	19.5	17.6	15.6	13.6	12.5	11.5	10.4	9.3	8.2
-87.5°	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.1
-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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Scaled Data Report



REPORT NUMBER: P627055 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
85°	7.0	5.9	4.7	3.5	2.4	1.2	0.0
82.5°	10.5	8.8	7.1	5.3	3.5	1.8	0.0
80°	14.3	11.7	9.4	7.1	4.7	2.4	0.0
77.5°	20.4	15.4	11.7	8.8	5.9	2.9	0.0
75°	26.4	20.4	14.3	10.5	7.0	3.5	0.0
72.5°	32.4	25.4	18.3	12.2	8.2	4.1	0.0
70°	38.5	30.3	22.3	14.2	9.3	4.7	0.0
67.5°	45.9	35.1	26.1	17.1	10.4	5.2	0.0
65°	53.2	40.5	29.9	19.9	11.5	5.7	0.0
62.5°	60.4	46.5	33.7	22.7	12.5	6.3	0.0
60°	67.4	52.4	37.3	25.5	13.6	6.8	0.0
57.5°	74.8	58.1	41.8	28.1	15.4	7.3	0.0
55°	81.9	63.7	46.3	30.7	17.1	7.8	0.0
52.5°	88.8	69.1	50.6	33.3	18.8	8.3	0.0
50°	95.5	74.6	54.8	35.7	20.4	8.7	0.0
47.5°	101.9	79.8	58.8	38.2	22.0	9.2	0.0
45°	108.2	84.8	62.7	41.1	23.5	9.6	0.0
42.5°	114.2	89.6	66.4	43.9	24.9	10.0	0.0
40°	120.0	94.1	70.0	46.5	26.3	10.4	0.0
37.5°	125.5	98.3	73.4	49.0	27.6	10.8	0.0
35°	130.6	102.5	76.6	51.3	28.8	11.1	0.0
32.5°	135.5	106.5	79.5	53.4	30.0	11.5	0.0
30°	140.1	110.2	82.3	55.3	31.1	11.8	0.0
27.5°	144.3	113.7	84.7	57.0	32.1	12.1	0.0
25°	148.2	116.8	87.0	58.6	33.0	12.3	0.0
22.5°	151.5	119.7	89.2	60.0	33.9	12.6	0.0
20°	154.5	122.2	91.1	61.2	34.6	12.8	0.0
17.5°	157.2	124.3	92.8	62.3	35.3	13.0	0.0
15°	159.7	126.0	94.4	63.1	35.9	13.1	0.0
12.5°	161.9	127.4	95.7	63.8	36.4	13.3	0.0
10°	163.7	128.5	96.8	64.3	36.8	13.4	0.0
7.5°	165.1	129.2	97.7	64.7	37.1	13.5	0.0
5°	166.1	129.6	98.3	64.8	37.3	13.5	0.0
2.5°	166.8	129.7	98.7	64.9	37.5	13.6	0.0
0°	167.0	129.5	98.8	64.7	37.5	13.6	0.0
-2.5°	166.8	129.7	98.7	64.9	37.5	13.6	0.0
-5°	166.1	129.6	98.3	64.8	37.3	13.5	0.0
-7.5°	165.1	129.2	97.7	64.7	37.1	13.5	0.0
-10°	163.7	128.5	96.8	64.3	36.8	13.4	0.0
-12.5°	161.9	127.4	95.7	63.8	36.4	13.3	0.0
-15°	159.7	126.0	94.4	63.1	35.9	13.1	0.0
-17.5°	157.2	124.3	92.8	62.3	35.3	13.0	0.0
-20°	154.5	122.2	91.1	61.2	34.6	12.8	0.0

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CATALOG NUMBER: GFLD-SA2E-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	151.5	119.7	89.2	60.0	33.9	12.6	0.0
-25°	148.2	116.8	87.0	58.6	33.0	12.3	0.0
-27.5°	144.3	113.7	84.7	57.0	32.1	12.1	0.0
-30°	140.1	110.2	82.3	55.3	31.1	11.8	0.0
-32.5°	135.5	106.5	79.5	53.4	30.0	11.5	0.0
-35°	130.6	102.5	76.6	51.3	28.8	11.1	0.0
-37.5°	125.5	98.3	73.4	49.0	27.6	10.8	0.0
-40°	120.0	94.1	70.0	46.5	26.3	10.4	0.0
-42.5°	114.2	89.6	66.4	43.9	24.9	10.0	0.0
-45°	108.2	84.8	62.7	41.1	23.5	9.6	0.0
-47.5°	101.9	79.8	58.8	38.2	22.0	9.2	0.0
-50°	95.5	74.6	54.8	35.7	20.4	8.7	0.0
-52.5°	88.8	69.1	50.6	33.3	18.8	8.3	0.0
-55°	81.9	63.7	46.3	30.7	17.1	7.8	0.0
-57.5°	74.8	58.1	41.8	28.1	15.4	7.3	0.0
-60°	67.4	52.4	37.3	25.5	13.6	6.8	0.0
-62.5°	60.4	46.5	33.7	22.7	12.5	6.3	0.0
-65°	53.2	40.5	29.9	19.9	11.5	5.7	0.0
-67.5°	45.9	35.1	26.1	17.1	10.4	5.2	0.0
-70°	38.5	30.3	22.3	14.2	9.3	4.7	0.0
-72.5°	32.4	25.4	18.3	12.2	8.2	4.1	0.0
-75°	26.4	20.4	14.3	10.5	7.0	3.5	0.0
-77.5°	20.4	15.4	11.7	8.8	5.9	2.9	0.0
-80°	14.3	11.7	9.4	7.1	4.7	2.4	0.0
-82.5°	10.5	8.8	7.1	5.3	3.5	1.8	0.0
-85°	7.0	5.9	4.7	3.5	2.4	1.2	0.0
-87.5°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)