

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: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-730-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N41  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

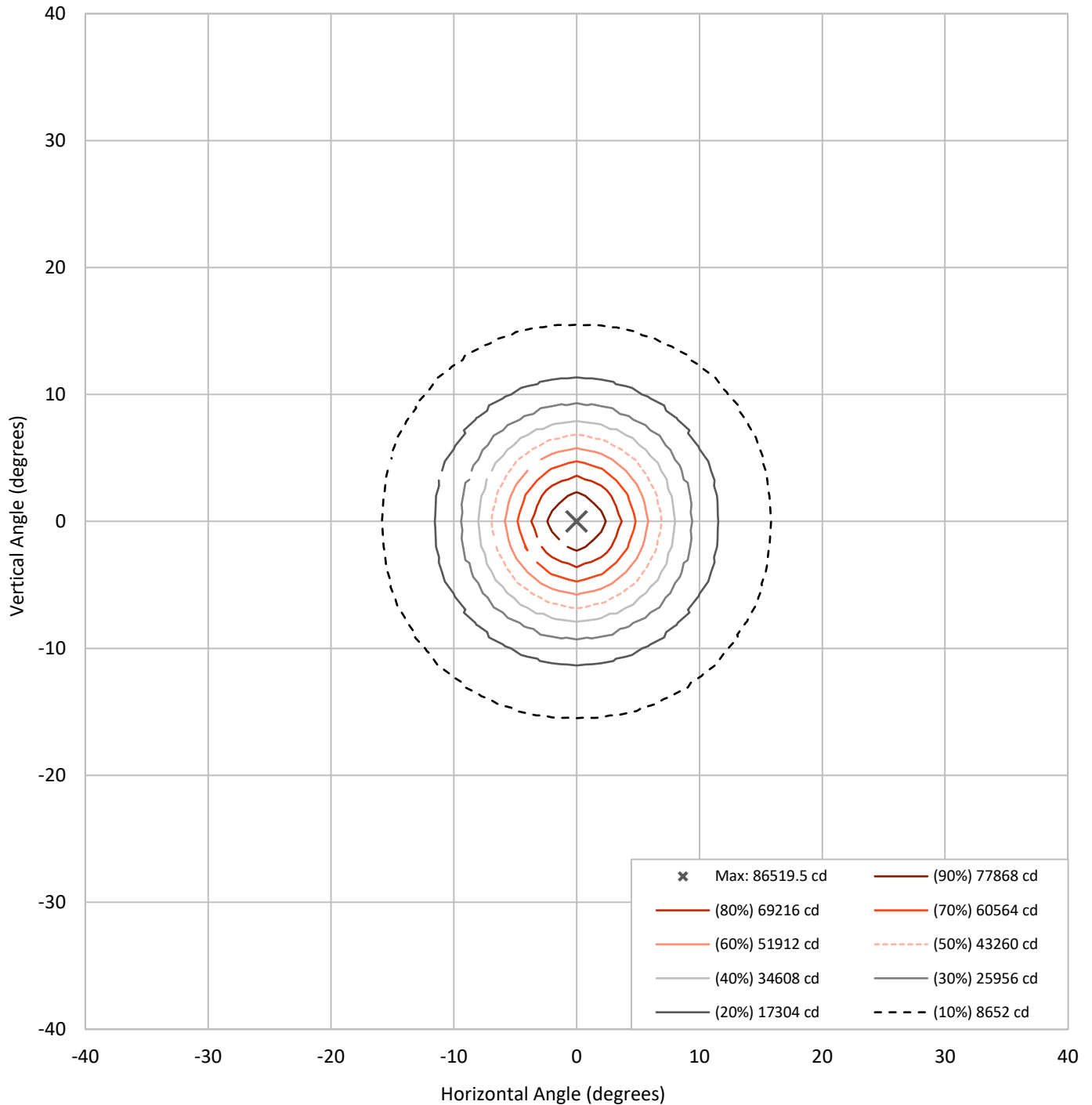
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9187.1 lumens	Max Intensity:	86519.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2716.2 lumens	Field Lumens:	6112.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	63.6		
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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CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

### Iso-Candela Plot





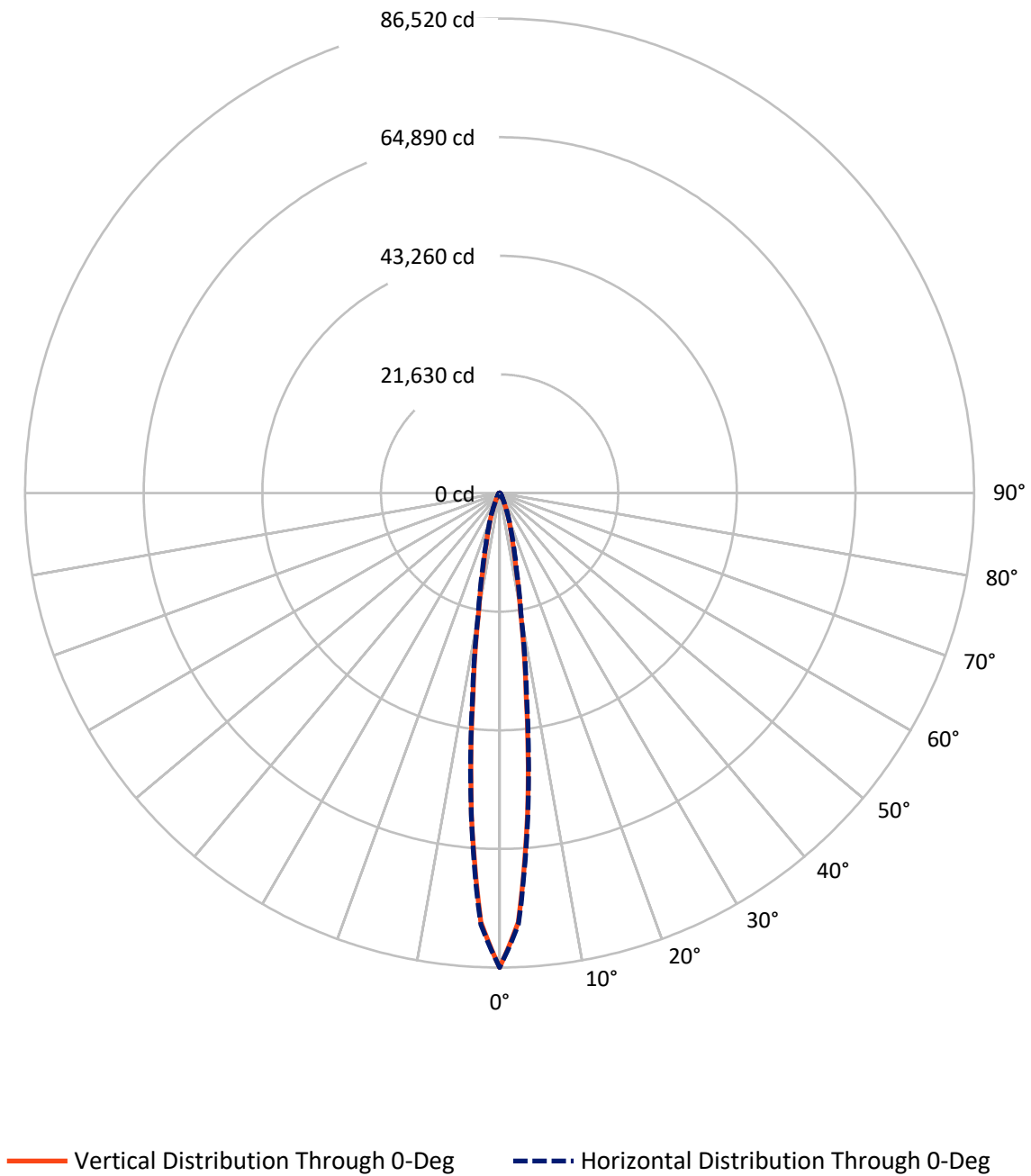
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### Lumen Table

90	0.2	1.3		3.3		5.3		5.8		5.3		3.3		1.3		0.2
80	0.2	1.3		3.3		5.3		5.8		5.3		3.3		1.3		0.2
70	0.6	0.6	1.3	2.2	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.2	1.3	0.6	0.6
60		1.0	2.0	3.2	4.3	5.3	5.9	6.2	6.2	5.9	5.3	4.3	3.2	2.0	1.0	
50	1.0	1.3	2.6	4.0	5.3	6.7	7.9	8.5	8.5	7.9	6.7	5.3	4.0	2.6	1.3	1.0
40		1.5	3.0	4.6	6.5	9.4	13.2	16.4	16.4	13.2	9.4	6.5	4.6	3.0	1.5	
30	1.3	1.7	3.3	5.2	8.5	16.8	38.2	63.3	63.3	38.2	16.8	8.5	5.2	3.3	1.7	1.3
20		1.9	3.5	5.7	11.2	35.6	126.6	272.6	272.6	126.6	35.6	11.2	5.7	3.5	1.9	
10	1.4	1.9	3.6	6.1	13.6	58.7	275.1	1188.6	1188.6	275.1	58.7	13.6	6.1	3.6	1.9	1.4
0		1.9	3.6	6.1	13.6	58.7	275.1	1188.6	1188.6	275.1	58.7	13.6	6.1	3.6	1.9	
-10	1.3	1.9	3.5	5.7	11.2	35.6	126.6	272.6	272.6	126.6	35.6	11.2	5.7	3.5	1.9	1.3
-20		1.7	3.3	5.2	8.5	16.8	38.2	63.3	63.3	38.2	16.8	8.5	5.2	3.3	1.7	
-30	1.0	1.5	3.0	4.6	6.5	9.4	13.2	16.4	16.4	13.2	9.4	6.5	4.6	3.0	1.5	1.0
-40		1.3	2.6	4.0	5.3	6.7	7.9	8.5	8.5	7.9	6.7	5.3	4.0	2.6	1.3	
-50	0.6	1.0	2.0	3.2	4.3	5.3	5.9	6.2	6.2	5.9	5.3	4.3	3.2	2.0	1.0	0.6
-60		0.6	1.3	2.2	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.2	1.3	0.6	
-70	0.2	1.3		3.3		5.3		5.8		5.3		3.3		1.3		0.2
-80		1.3		3.3		5.3		5.8		5.3		3.3		1.3		
-90	0.2	1.3		3.3		5.3		5.8		5.3		3.3		1.3		0.2

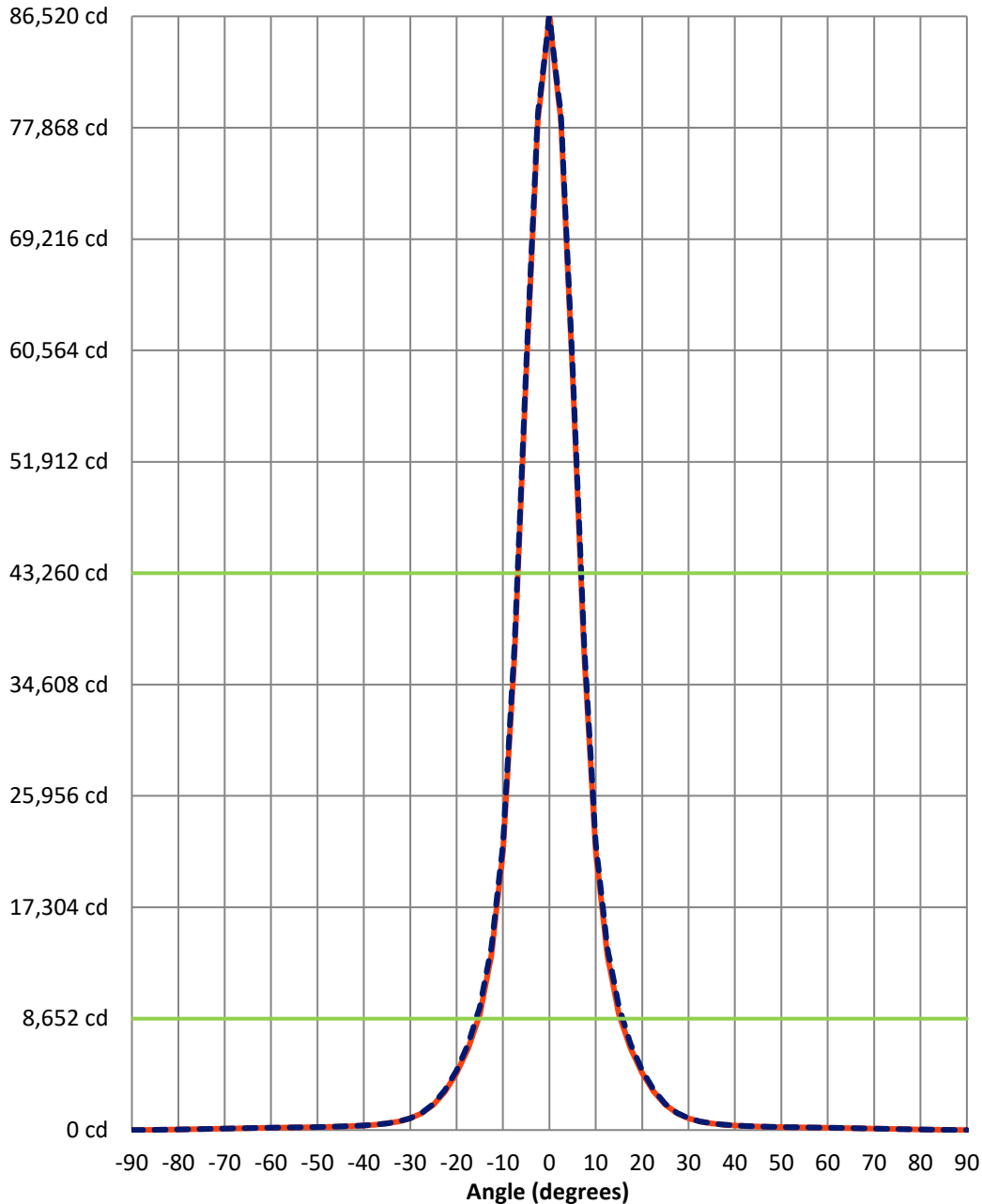
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 2716.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 6112.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 3074.5  
 Efficiency: 33.5%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	0.8	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.0	10.3
80°	0.0	1.1	2.6	3.8	5.1	6.4	7.7	9.6	11.4	13.2	15.0
77.5°	0.0	1.4	3.2	4.8	6.4	8.2	10.5	12.9	15.1	17.4	19.8
75°	0.0	1.7	3.8	5.7	7.7	10.4	13.3	16.1	18.9	22.1	25.2
72.5°	0.0	1.9	4.4	6.7	9.4	12.6	16.0	19.5	23.2	26.9	30.5
70°	0.0	2.2	5.0	7.6	11.1	14.7	18.8	23.2	27.4	31.6	36.3
67.5°	0.0	2.5	5.6	8.8	12.7	16.8	21.9	26.9	31.6	37.0	42.2
65°	0.0	2.7	6.1	9.9	14.3	19.1	24.9	30.5	36.3	42.2	48.4
62.5°	0.0	3.0	6.6	11.1	15.8	21.6	27.9	34.3	40.9	47.6	55.4
60°	0.0	3.2	7.2	12.2	17.3	24.1	30.8	38.3	45.4	53.6	62.2
57.5°	0.0	3.4	7.8	13.2	19.2	26.4	34.0	42.1	50.3	59.4	68.7
55°	0.0	3.6	8.5	14.2	21.0	28.7	37.2	45.8	55.2	65.0	75.0
52.5°	0.0	3.8	9.1	15.2	22.8	31.0	40.2	49.8	59.9	70.3	81.0
50°	0.0	4.0	9.7	16.1	24.5	33.5	43.2	53.7	64.5	75.4	86.8
47.5°	0.0	4.2	10.4	17.1	26.2	35.8	46.1	57.5	68.7	80.3	92.5
45°	0.0	4.4	10.9	18.3	27.8	38.1	49.2	61.1	72.9	85.3	98.0
42.5°	0.0	4.6	11.5	19.4	29.3	40.3	52.1	64.5	76.9	90.1	103.4
40°	0.0	4.7	12.0	20.5	30.8	42.4	54.9	67.8	80.7	94.8	108.7
37.5°	0.0	4.9	12.6	21.6	32.4	44.3	57.6	71.0	84.6	99.2	113.8
35°	0.0	5.0	13.1	22.6	33.9	46.3	60.1	73.9	88.2	103.3	118.7
32.5°	0.0	5.1	13.5	23.6	35.2	48.3	62.5	76.7	91.5	107.2	122.9
30°	0.0	5.2	14.0	24.5	36.5	50.1	64.7	79.3	94.6	110.8	126.8
27.5°	0.0	5.3	14.4	25.3	37.8	51.8	66.7	81.7	97.4	114.1	130.3
25°	0.0	5.4	14.8	26.0	38.9	53.3	68.6	83.9	100.0	117.0	133.3
22.5°	0.0	5.5	15.1	26.7	40.0	54.7	70.3	85.9	102.4	119.5	136.0
20°	0.0	5.6	15.4	27.3	40.9	55.9	71.8	87.6	104.6	121.7	138.4
17.5°	0.0	5.6	15.7	27.9	41.7	56.9	73.0	89.1	106.4	123.5	140.6
15°	0.0	5.6	16.0	28.4	42.5	57.8	74.0	90.4	108.0	125.0	142.4
12.5°	0.0	5.7	16.2	28.8	43.1	58.4	74.8	91.6	109.3	126.1	143.9
10°	0.0	5.7	16.4	29.1	43.6	58.9	75.5	92.6	110.3	127.3	145.4
7.5°	0.0	5.7	16.5	29.4	44.0	59.3	75.9	93.4	111.0	128.4	147.1
5°	0.0	5.7	16.6	29.6	44.3	59.4	76.1	94.0	111.3	129.2	148.5
2.5°	0.0	5.6	16.7	29.7	44.4	59.4	76.2	94.4	111.4	129.6	149.5
0°	0.0	5.6	16.7	29.7	44.4	59.4	76.2	94.4	111.4	129.6	149.5
-2.5°	0.0	5.6	16.7	29.7	44.4	59.4	76.2	94.4	111.4	129.6	149.5
-5°	0.0	5.7	16.6	29.6	44.3	59.4	76.1	94.0	111.3	129.2	148.5
-7.5°	0.0	5.7	16.5	29.4	44.0	59.3	75.9	93.4	111.0	128.4	147.1
-10°	0.0	5.7	16.4	29.1	43.6	58.9	75.5	92.6	110.3	127.3	145.4
-12.5°	0.0	5.7	16.2	28.8	43.1	58.4	74.8	91.6	109.3	126.1	143.9
-15°	0.0	5.6	16.0	28.4	42.5	57.8	74.0	90.4	108.0	125.0	142.4
-17.5°	0.0	5.6	15.7	27.9	41.7	56.9	73.0	89.1	106.4	123.5	140.6
-20°	0.0	5.6	15.4	27.3	40.9	55.9	71.8	87.6	104.6	121.7	138.4

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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	5.5	15.1	26.7	40.0	54.7	70.3	85.9	102.4	119.5	136.0
-25°	0.0	5.4	14.8	26.0	38.9	53.3	68.6	83.9	100.0	117.0	133.3
-27.5°	0.0	5.3	14.4	25.3	37.8	51.8	66.7	81.7	97.4	114.1	130.3
-30°	0.0	5.2	14.0	24.5	36.5	50.1	64.7	79.3	94.6	110.8	126.8
-32.5°	0.0	5.1	13.5	23.6	35.2	48.3	62.5	76.7	91.5	107.2	122.9
-35°	0.0	5.0	13.1	22.6	33.9	46.3	60.1	73.9	88.2	103.3	118.7
-37.5°	0.0	4.9	12.6	21.6	32.4	44.3	57.6	71.0	84.6	99.2	113.8
-40°	0.0	4.7	12.0	20.5	30.8	42.4	54.9	67.8	80.7	94.8	108.7
-42.5°	0.0	4.6	11.5	19.4	29.3	40.3	52.1	64.5	76.9	90.1	103.4
-45°	0.0	4.4	10.9	18.3	27.8	38.1	49.2	61.1	72.9	85.3	98.0
-47.5°	0.0	4.2	10.4	17.1	26.2	35.8	46.1	57.5	68.7	80.3	92.5
-50°	0.0	4.0	9.7	16.1	24.5	33.5	43.2	53.7	64.5	75.4	86.8
-52.5°	0.0	3.8	9.1	15.2	22.8	31.0	40.2	49.8	59.9	70.3	81.0
-55°	0.0	3.6	8.5	14.2	21.0	28.7	37.2	45.8	55.2	65.0	75.0
-57.5°	0.0	3.4	7.8	13.2	19.2	26.4	34.0	42.1	50.3	59.4	68.7
-60°	0.0	3.2	7.2	12.2	17.3	24.1	30.8	38.3	45.4	53.6	62.2
-62.5°	0.0	3.0	6.6	11.1	15.8	21.6	27.9	34.3	40.9	47.6	55.4
-65°	0.0	2.7	6.1	9.9	14.3	19.1	24.9	30.5	36.3	42.2	48.4
-67.5°	0.0	2.5	5.6	8.8	12.7	16.8	21.9	26.9	31.6	37.0	42.2
-70°	0.0	2.2	5.0	7.6	11.1	14.7	18.8	23.2	27.4	31.6	36.3
-72.5°	0.0	1.9	4.4	6.7	9.4	12.6	16.0	19.5	23.2	26.9	30.5
-75°	0.0	1.7	3.8	5.7	7.7	10.4	13.3	16.1	18.9	22.1	25.2
-77.5°	0.0	1.4	3.2	4.8	6.4	8.2	10.5	12.9	15.1	17.4	19.8
-80°	0.0	1.1	2.6	3.8	5.1	6.4	7.7	9.6	11.4	13.2	15.0
-82.5°	0.0	0.8	1.9	2.9	3.8	4.8	5.7	6.7	7.7	9.0	10.3
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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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**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°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
85°	6.8	7.4	8.2	9.0	9.7	10.3	10.8	11.3	12.0	12.8	13.6
82.5°	11.6	12.9	14.2	15.4	16.2	16.9	17.5	18.5	20.1	21.7	23.1
80°	16.7	18.4	20.3	22.2	23.8	25.5	27.1	28.9	30.7	32.4	34.0
77.5°	22.3	24.8	27.2	29.6	31.9	34.4	36.9	39.2	41.5	43.6	45.6
75°	28.2	31.2	34.4	37.6	40.8	43.8	46.8	49.9	53.0	55.9	58.7
72.5°	34.3	38.3	42.1	45.9	50.0	53.9	57.8	61.5	65.1	68.9	72.9
70°	40.9	45.4	50.4	55.2	59.8	64.5	69.3	73.4	77.3	82.5	87.8
67.5°	47.6	53.7	59.4	64.8	70.9	76.5	81.3	86.5	92.1	98.1	103.4
65°	55.6	62.2	68.8	75.7	82.7	88.5	94.6	101.0	107.3	113.3	119.0
62.5°	63.5	70.9	78.5	86.0	93.2	100.2	107.5	114.6	121.5	128.5	134.7
60°	71.0	79.5	87.5	95.3	103.5	112.1	120.2	128.2	136.5	144.4	148.5
57.5°	78.3	87.3	95.7	104.5	114.1	123.8	132.4	141.4	148.5	154.0	159.3
55°	85.1	94.6	103.8	113.6	124.0	134.2	143.7	151.7	158.3	163.3	168.9
52.5°	91.6	101.5	111.5	122.3	133.3	144.2	154.1	161.6	167.5	172.6	177.9
50°	97.9	108.3	118.9	130.7	142.5	154.1	163.8	170.6	176.2	181.5	186.9
47.5°	104.1	115.0	126.4	139.0	151.8	162.9	172.1	178.4	184.1	190.3	196.2
45°	110.2	122.0	134.0	147.6	160.4	171.1	179.0	185.3	192.2	198.9	205.4
42.5°	116.1	128.9	141.9	155.9	168.3	178.0	185.4	192.8	200.3	207.4	214.7
40°	122.1	135.5	149.3	163.2	175.7	184.1	191.9	199.8	208.1	215.9	223.9
37.5°	127.8	141.7	155.9	170.0	181.4	189.9	197.9	206.7	215.4	223.9	234.4
35°	133.3	147.3	161.7	175.3	186.3	195.0	204.0	213.4	222.5	233.4	245.3
32.5°	138.1	152.4	167.0	179.7	190.4	199.8	209.9	219.7	230.6	243.0	257.3
30°	142.3	156.9	171.5	183.9	194.3	204.4	215.3	226.0	238.9	253.7	270.7
27.5°	145.9	160.9	175.1	187.5	198.1	208.1	219.6	233.2	247.9	264.5	284.5
25°	149.2	164.9	178.4	190.8	201.1	211.6	223.9	238.9	256.6	276.6	301.0
22.5°	152.4	168.8	181.9	193.9	203.5	214.7	228.6	244.9	264.2	287.7	317.4
20°	155.5	171.7	184.6	196.4	205.3	217.5	232.8	250.2	272.1	300.1	334.5
17.5°	158.3	174.1	186.8	197.8	207.6	220.5	236.5	254.6	278.9	311.4	350.2
15°	160.8	176.2	188.5	199.0	209.7	223.6	240.3	259.9	286.5	322.2	364.2
12.5°	163.1	177.9	189.8	199.9	211.3	226.1	243.8	265.5	294.7	332.8	381.8
10°	165.0	179.2	190.8	200.6	212.5	228.1	246.6	270.0	301.2	341.0	395.4
7.5°	166.7	180.2	191.4	200.9	213.3	229.4	248.9	273.5	305.8	346.9	405.2
5°	167.8	181.0	192.2	202.0	214.6	230.5	250.5	275.8	308.5	350.3	411.3
2.5°	168.5	181.5	192.6	203.1	216.0	231.4	251.7	278.4	310.6	353.7	415.9
0°	168.7	181.7	192.8	203.9	216.9	231.7	252.1	279.9	311.4	355.9	418.9
-2.5°	168.5	181.5	192.6	203.1	216.0	231.4	251.7	278.4	310.6	353.7	415.9
-5°	167.8	181.0	192.2	202.0	214.6	230.5	250.5	275.8	308.5	350.3	411.3
-7.5°	166.7	180.2	191.4	200.9	213.3	229.4	248.9	273.5	305.8	346.9	405.2
-10°	165.0	179.2	190.8	200.6	212.5	228.1	246.6	270.0	301.2	341.0	395.4
-12.5°	163.1	177.9	189.8	199.9	211.3	226.1	243.8	265.5	294.7	332.8	381.8
-15°	160.8	176.2	188.5	199.0	209.7	223.6	240.3	259.9	286.5	322.2	364.2
-17.5°	158.3	174.1	186.8	197.8	207.6	220.5	236.5	254.6	278.9	311.4	350.2
-20°	155.5	171.7	184.6	196.4	205.3	217.5	232.8	250.2	272.1	300.1	334.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152.4	168.8	181.9	193.9	203.5	214.7	228.6	244.9	264.2	287.7	317.4
-25°	149.2	164.9	178.4	190.8	201.1	211.6	223.9	238.9	256.6	276.6	301.0
-27.5°	145.9	160.9	175.1	187.5	198.1	208.1	219.6	233.2	247.9	264.5	284.5
-30°	142.3	156.9	171.5	183.9	194.3	204.4	215.3	226.0	238.9	253.7	270.7
-32.5°	138.1	152.4	167.0	179.7	190.4	199.8	209.9	219.7	230.6	243.0	257.3
-35°	133.3	147.3	161.7	175.3	186.3	195.0	204.0	213.4	222.5	233.4	245.3
-37.5°	127.8	141.7	155.9	170.0	181.4	189.9	197.9	206.7	215.4	223.9	234.4
-40°	122.1	135.5	149.3	163.2	175.7	184.1	191.9	199.8	208.1	215.9	223.9
-42.5°	116.1	128.9	141.9	155.9	168.3	178.0	185.4	192.8	200.3	207.4	214.7
-45°	110.2	122.0	134.0	147.6	160.4	171.1	179.0	185.3	192.2	198.9	205.4
-47.5°	104.1	115.0	126.4	139.0	151.8	162.9	172.1	178.4	184.1	190.3	196.2
-50°	97.9	108.3	118.9	130.7	142.5	154.1	163.8	170.6	176.2	181.5	186.9
-52.5°	91.6	101.5	111.5	122.3	133.3	144.2	154.1	161.6	167.5	172.6	177.9
-55°	85.1	94.6	103.8	113.6	124.0	134.2	143.7	151.7	158.3	163.3	168.9
-57.5°	78.3	87.3	95.7	104.5	114.1	123.8	132.4	141.4	148.5	154.0	159.3
-60°	71.0	79.5	87.5	95.3	103.5	112.1	120.2	128.2	136.5	144.4	148.5
-62.5°	63.5	70.9	78.5	86.0	93.2	100.2	107.5	114.6	121.5	128.5	134.7
-65°	55.6	62.2	68.8	75.7	82.7	88.5	94.6	101.0	107.3	113.3	119.0
-67.5°	47.6	53.7	59.4	64.8	70.9	76.5	81.3	86.5	92.1	98.1	103.4
-70°	40.9	45.4	50.4	55.2	59.8	64.5	69.3	73.4	77.3	82.5	87.8
-72.5°	34.3	38.3	42.1	45.9	50.0	53.9	57.8	61.5	65.1	68.9	72.9
-75°	28.2	31.2	34.4	37.6	40.8	43.8	46.8	49.9	53.0	55.9	58.7
-77.5°	22.3	24.8	27.2	29.6	31.9	34.4	36.9	39.2	41.5	43.6	45.6
-80°	16.7	18.4	20.3	22.2	23.8	25.5	27.1	28.9	30.7	32.4	34.0
-82.5°	11.6	12.9	14.2	15.4	16.2	16.9	17.5	18.5	20.1	21.7	23.1
-85°	6.8	7.4	8.2	9.0	9.7	10.3	10.8	11.3	12.0	12.8	13.6
-87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	6.8	6.4
85°	14.5	15.0	15.5	16.0	16.4	16.8	17.2	17.5	17.7	17.5	17.3
82.5°	24.4	25.4	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.1	30.0
80°	35.5	37.1	38.7	40.3	41.8	42.8	43.5	44.0	44.3	44.5	44.5
77.5°	47.7	50.2	52.8	55.3	57.8	59.2	60.2	61.1	61.7	61.9	61.8
75°	61.3	64.4	67.9	71.0	73.7	75.3	76.4	77.4	78.2	78.4	78.3
72.5°	77.0	80.9	84.1	86.7	88.9	90.7	92.1	93.3	94.2	94.7	94.7
70°	92.5	96.4	99.4	102.0	104.2	106.0	107.7	109.1	110.3	111.2	111.9
67.5°	108.2	112.6	115.7	118.1	120.0	121.9	124.1	126.1	127.7	128.8	129.4
65°	124.3	128.9	131.8	134.4	136.7	139.1	141.6	143.5	144.7	145.4	145.9
62.5°	139.9	144.2	147.9	151.3	154.6	157.4	159.1	160.7	162.0	163.1	163.9
60°	153.3	158.7	162.9	166.2	169.4	172.6	174.7	176.4	177.7	178.6	179.2
57.5°	164.7	170.2	175.1	178.4	181.9	185.6	188.1	189.5	190.8	191.9	192.4
55°	174.7	179.8	184.4	188.8	192.7	196.0	198.6	200.6	202.2	203.4	203.8
52.5°	183.7	189.3	194.6	199.2	203.1	206.3	209.0	211.3	213.1	214.3	214.8
50°	193.2	199.2	204.8	209.9	213.9	217.5	220.7	223.5	226.2	228.3	229.8
47.5°	202.5	208.9	215.1	220.7	225.5	230.7	235.4	239.4	243.2	246.4	248.6
45°	211.9	219.2	226.0	233.3	239.7	246.6	252.9	258.4	264.0	268.3	271.1
42.5°	222.3	230.6	238.9	247.9	256.7	265.6	275.2	283.8	290.4	296.6	301.7
40°	233.4	243.0	253.7	264.8	277.7	289.5	302.4	313.5	323.6	334.2	342.6
37.5°	245.3	257.3	271.4	286.1	302.9	319.0	335.9	352.5	367.0	384.1	397.1
35°	258.5	274.5	291.8	311.8	332.6	355.7	378.8	405.5	428.5	453.8	475.8
32.5°	274.0	293.1	315.8	342.2	369.0	404.0	436.7	479.2	516.0	556.1	596.5
30°	290.0	314.9	344.3	377.5	420.1	468.3	521.9	585.1	650.3	713.4	789.5
27.5°	309.9	339.9	375.5	424.0	486.7	551.8	644.1	739.0	858.8	957.9	1097.7
25°	330.5	365.9	416.4	482.4	564.3	677.2	817.1	968.9	1179.7	1364.9	1582.2
22.5°	352.9	400.7	463.6	545.0	669.2	842.5	1054.4	1340.0	1651.0	1981.2	2309.7
20°	376.3	434.1	516.5	634.5	805.0	1039.6	1403.5	1844.4	2288.7	2833.5	3315.9
17.5°	403.4	476.9	578.5	726.0	953.5	1313.0	1817.7	2433.3	3122.5	3905.9	4601.5
15°	426.0	513.6	641.8	848.2	1161.1	1622.7	2259.2	3106.0	4141.8	5193.9	6261.3
12.5°	452.2	553.6	704.1	950.2	1343.2	1956.7	2823.1	3894.9	5188.5	6647.8	8368.1
10°	475.4	592.7	779.9	1084.6	1564.8	2305.0	3356.5	4645.9	6315.3	8414.9	11078.9
7.5°	492.6	623.9	838.4	1186.8	1756.3	2639.8	3860.5	5468.3	7589.6	10362.1	14018.2
5°	503.8	646.5	879.8	1265.7	1906.3	2889.0	4229.8	6051.6	8610.8	12532.0	18723.2
2.5°	510.5	659.9	903.4	1312.0	1997.5	3054.2	4510.7	6492.7	9272.7	13873.0	21749.4
0°	513.5	663.6	917.6	1336.5	2027.9	3117.9	4639.8	6693.7	9568.8	14186.4	22281.5
-2.5°	510.5	659.9	903.4	1312.0	1997.5	3054.2	4510.7	6492.7	9272.7	13873.0	21749.4
-5°	503.8	646.5	879.8	1265.7	1906.3	2889.0	4229.8	6051.6	8610.8	12532.0	18723.2
-7.5°	492.6	623.9	838.4	1186.8	1756.3	2639.8	3860.5	5468.3	7589.6	10362.1	14018.2
-10°	475.4	592.7	779.9	1084.6	1564.8	2305.0	3356.5	4645.9	6315.3	8414.9	11078.9
-12.5°	452.2	553.6	704.1	950.2	1343.2	1956.7	2823.1	3894.9	5188.5	6647.8	8368.1
-15°	426.0	513.6	641.8	848.2	1161.1	1622.7	2259.2	3106.0	4141.8	5193.9	6261.3
-17.5°	403.4	476.9	578.5	726.0	953.5	1313.0	1817.7	2433.3	3122.5	3905.9	4601.5
-20°	376.3	434.1	516.5	634.5	805.0	1039.6	1403.5	1844.4	2288.7	2833.5	3315.9

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	352.9	400.7	463.6	545.0	669.2	842.5	1054.4	1340.0	1651.0	1981.2	2309.7
-25°	330.5	365.9	416.4	482.4	564.3	677.2	817.1	968.9	1179.7	1364.9	1582.2
-27.5°	309.9	339.9	375.5	424.0	486.7	551.8	644.1	739.0	858.8	957.9	1097.7
-30°	290.0	314.9	344.3	377.5	420.1	468.3	521.9	585.1	650.3	713.4	789.5
-32.5°	274.0	293.1	315.8	342.2	369.0	404.0	436.7	479.2	516.0	556.1	596.5
-35°	258.5	274.5	291.8	311.8	332.6	355.7	378.8	405.5	428.5	453.8	475.8
-37.5°	245.3	257.3	271.4	286.1	302.9	319.0	335.9	352.5	367.0	384.1	397.1
-40°	233.4	243.0	253.7	264.8	277.7	289.5	302.4	313.5	323.6	334.2	342.6
-42.5°	222.3	230.6	238.9	247.9	256.7	265.6	275.2	283.8	290.4	296.6	301.7
-45°	211.9	219.2	226.0	233.3	239.7	246.6	252.9	258.4	264.0	268.3	271.1
-47.5°	202.5	208.9	215.1	220.7	225.5	230.7	235.4	239.4	243.2	246.4	248.6
-50°	193.2	199.2	204.8	209.9	213.9	217.5	220.7	223.5	226.2	228.3	229.8
-52.5°	183.7	189.3	194.6	199.2	203.1	206.3	209.0	211.3	213.1	214.3	214.8
-55°	174.7	179.8	184.4	188.8	192.7	196.0	198.6	200.6	202.2	203.4	203.8
-57.5°	164.7	170.2	175.1	178.4	181.9	185.6	188.1	189.5	190.8	191.9	192.4
-60°	153.3	158.7	162.9	166.2	169.4	172.6	174.7	176.4	177.7	178.6	179.2
-62.5°	139.9	144.2	147.9	151.3	154.6	157.4	159.1	160.7	162.0	163.1	163.9
-65°	124.3	128.9	131.8	134.4	136.7	139.1	141.6	143.5	144.7	145.4	145.9
-67.5°	108.2	112.6	115.7	118.1	120.0	121.9	124.1	126.1	127.7	128.8	129.4
-70°	92.5	96.4	99.4	102.0	104.2	106.0	107.7	109.1	110.3	111.2	111.9
-72.5°	77.0	80.9	84.1	86.7	88.9	90.7	92.1	93.3	94.2	94.7	94.7
-75°	61.3	64.4	67.9	71.0	73.7	75.3	76.4	77.4	78.2	78.4	78.3
-77.5°	47.7	50.2	52.8	55.3	57.8	59.2	60.2	61.1	61.7	61.9	61.8
-80°	35.5	37.1	38.7	40.3	41.8	42.8	43.5	44.0	44.3	44.5	44.5
-82.5°	24.4	25.4	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.1	30.0
-85°	14.5	15.0	15.5	16.0	16.4	16.8	17.2	17.5	17.7	17.5	17.3
-87.5°	6.1	6.2	6.4	6.6	6.7	6.8	7.0	7.1	7.1	6.8	6.4
-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: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.4	6.8	7.1	7.1
85°	17.0	16.6	16.7	16.7	16.7	16.6	17.0	17.3	17.5	17.7	17.5
82.5°	29.8	29.6	29.7	29.7	29.7	29.6	29.8	30.0	30.1	30.2	29.7
80°	44.5	44.3	43.5	42.6	43.5	44.3	44.5	44.5	44.5	44.3	44.0
77.5°	61.4	60.9	60.2	59.3	60.2	60.9	61.4	61.8	61.9	61.7	61.1
75°	78.0	77.6	77.8	77.9	77.8	77.6	78.0	78.3	78.4	78.2	77.4
72.5°	94.5	94.1	94.4	94.5	94.4	94.1	94.5	94.7	94.7	94.2	93.3
70°	112.3	112.6	112.1	111.2	112.1	112.6	112.3	111.9	111.2	110.3	109.1
67.5°	129.5	129.3	128.8	127.9	128.8	129.3	129.5	129.4	128.8	127.7	126.1
65°	146.1	145.9	146.2	146.4	146.2	145.9	146.1	145.9	145.4	144.7	143.5
62.5°	164.4	164.4	164.0	163.1	164.0	164.4	164.4	163.9	163.1	162.0	160.7
60°	179.5	179.3	178.9	178.0	178.9	179.3	179.5	179.2	178.6	177.7	176.4
57.5°	192.6	192.4	191.8	190.9	191.8	192.4	192.6	192.4	191.9	190.8	189.5
55°	203.9	203.6	203.0	202.1	203.0	203.6	203.9	203.8	203.4	202.2	200.6
52.5°	215.0	214.7	214.8	215.0	214.8	214.7	215.0	214.8	214.3	213.1	211.3
50°	230.7	231.0	230.8	229.9	230.8	231.0	230.7	229.8	228.3	226.2	223.5
47.5°	249.6	249.7	249.3	248.4	249.3	249.7	249.6	248.6	246.4	243.2	239.4
45°	273.4	274.7	275.1	274.3	275.1	274.7	273.4	271.1	268.3	264.0	258.4
42.5°	305.6	307.7	308.3	307.7	308.3	307.7	305.6	301.7	296.6	290.4	283.8
40°	347.8	350.2	350.7	350.3	350.7	350.2	347.8	342.6	334.2	323.6	313.5
37.5°	406.3	412.2	414.9	415.2	414.9	412.2	406.3	397.1	384.1	367.0	352.5
35°	492.6	504.3	510.5	513.5	510.5	504.3	492.6	475.8	453.8	428.5	405.5
32.5°	627.1	650.4	663.4	661.8	663.4	650.4	627.1	596.5	556.1	516.0	479.2
30°	846.9	887.7	908.2	902.8	908.2	887.7	846.9	789.5	713.4	650.3	585.1
27.5°	1198.0	1271.7	1314.4	1308.7	1314.4	1271.7	1198.0	1097.7	957.9	858.8	739.0
25°	1763.8	1898.3	1984.4	1963.1	1984.4	1898.3	1763.8	1582.2	1364.9	1179.7	968.9
22.5°	2624.5	2852.3	3003.1	2984.5	3003.1	2852.3	2624.5	2309.7	1981.2	1651.0	1340.0
20°	3805.2	4151.9	4399.4	4432.2	4399.4	4151.9	3805.2	3315.9	2833.5	2288.7	1844.4
17.5°	5352.7	5902.4	6285.0	6348.9	6285.0	5902.4	5352.7	4601.5	3905.9	3122.5	2433.3
15°	7364.0	8262.4	8912.7	8966.3	8912.7	8262.4	7364.0	6261.3	5193.9	4141.8	3106.0
12.5°	10095.0	11902.0	13081.4	13600.6	13081.4	11902.0	10095.0	8368.1	6647.8	5188.5	3894.9
10°	13874.5	18025.2	20683.4	21682.7	20683.4	18025.2	13874.5	11078.9	8414.9	6315.3	4645.9
7.5°	20187.6	26704.3	33949.1	37036.9	33949.1	26704.3	20187.6	14018.2	10362.1	7589.6	5468.3
5°	27336.6	40861.4	53725.8	58749.3	53725.8	40861.4	27336.6	18723.2	12532.0	8610.8	6051.6
2.5°	34859.2	53710.7	71376.0	78284.5	71376.0	53710.7	34859.2	21749.4	13873.0	9272.7	6492.7
0°	37797.0	59336.9	78772.9	86519.5	78772.9	59336.9	37797.0	22281.5	14186.4	9568.8	6693.7
-2.5°	34859.2	53710.7	71376.0	78284.5	71376.0	53710.7	34859.2	21749.4	13873.0	9272.7	6492.7
-5°	27336.6	40861.4	53725.8	58749.3	53725.8	40861.4	27336.6	18723.2	12532.0	8610.8	6051.6
-7.5°	20187.6	26704.3	33949.1	37036.9	33949.1	26704.3	20187.6	14018.2	10362.1	7589.6	5468.3
-10°	13874.5	18025.2	20683.4	21682.7	20683.4	18025.2	13874.5	11078.9	8414.9	6315.3	4645.9
-12.5°	10095.0	11902.0	13081.4	13600.6	13081.4	11902.0	10095.0	8368.1	6647.8	5188.5	3894.9
-15°	7364.0	8262.4	8912.7	8966.3	8912.7	8262.4	7364.0	6261.3	5193.9	4141.8	3106.0
-17.5°	5352.7	5902.4	6285.0	6348.9	6285.0	5902.4	5352.7	4601.5	3905.9	3122.5	2433.3
-20°	3805.2	4151.9	4399.4	4432.2	4399.4	4151.9	3805.2	3315.9	2833.5	2288.7	1844.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2624.5	2852.3	3003.1	2984.5	3003.1	2852.3	2624.5	2309.7	1981.2	1651.0	1340.0
-25°	1763.8	1898.3	1984.4	1963.1	1984.4	1898.3	1763.8	1582.2	1364.9	1179.7	968.9
-27.5°	1198.0	1271.7	1314.4	1308.7	1314.4	1271.7	1198.0	1097.7	957.9	858.8	739.0
-30°	846.9	887.7	908.2	902.8	908.2	887.7	846.9	789.5	713.4	650.3	585.1
-32.5°	627.1	650.4	663.4	661.8	663.4	650.4	627.1	596.5	556.1	516.0	479.2
-35°	492.6	504.3	510.5	513.5	510.5	504.3	492.6	475.8	453.8	428.5	405.5
-37.5°	406.3	412.2	414.9	415.2	414.9	412.2	406.3	397.1	384.1	367.0	352.5
-40°	347.8	350.2	350.7	350.3	350.7	350.2	347.8	342.6	334.2	323.6	313.5
-42.5°	305.6	307.7	308.3	307.7	308.3	307.7	305.6	301.7	296.6	290.4	283.8
-45°	273.4	274.7	275.1	274.3	275.1	274.7	273.4	271.1	268.3	264.0	258.4
-47.5°	249.6	249.7	249.3	248.4	249.3	249.7	249.6	248.6	246.4	243.2	239.4
-50°	230.7	231.0	230.8	229.9	230.8	231.0	230.7	229.8	228.3	226.2	223.5
-52.5°	215.0	214.7	214.8	215.0	214.8	214.7	215.0	214.8	214.3	213.1	211.3
-55°	203.9	203.6	203.0	202.1	203.0	203.6	203.9	203.8	203.4	202.2	200.6
-57.5°	192.6	192.4	191.8	190.9	191.8	192.4	192.6	192.4	191.9	190.8	189.5
-60°	179.5	179.3	178.9	178.0	178.9	179.3	179.5	179.2	178.6	177.7	176.4
-62.5°	164.4	164.4	164.0	163.1	164.0	164.4	164.4	163.9	163.1	162.0	160.7
-65°	146.1	145.9	146.2	146.4	146.2	145.9	146.1	145.9	145.4	144.7	143.5
-67.5°	129.5	129.3	128.8	127.9	128.8	129.3	129.5	129.4	128.8	127.7	126.1
-70°	112.3	112.6	112.1	111.2	112.1	112.6	112.3	111.9	111.2	110.3	109.1
-72.5°	94.5	94.1	94.4	94.5	94.4	94.1	94.5	94.7	94.7	94.2	93.3
-75°	78.0	77.6	77.8	77.9	77.8	77.6	78.0	78.3	78.4	78.2	77.4
-77.5°	61.4	60.9	60.2	59.3	60.2	60.9	61.4	61.8	61.9	61.7	61.1
-80°	44.5	44.3	43.5	42.6	43.5	44.3	44.5	44.5	44.5	44.3	44.0
-82.5°	29.8	29.6	29.7	29.7	29.7	29.6	29.8	30.0	30.1	30.2	29.7
-85°	17.0	16.6	16.7	16.7	16.7	16.6	17.0	17.3	17.5	17.7	17.5
-87.5°	6.0	5.6	5.6	5.6	5.6	5.6	6.0	6.4	6.8	7.1	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2
85°	17.2	16.8	16.4	16.0	15.5	15.0	14.5	13.6	12.8	12.0	11.3
82.5°	29.1	28.5	27.8	27.1	26.3	25.4	24.4	23.1	21.7	20.1	18.5
80°	43.5	42.8	41.8	40.3	38.7	37.1	35.5	34.0	32.4	30.7	28.9
77.5°	60.2	59.2	57.8	55.3	52.8	50.2	47.7	45.6	43.6	41.5	39.2
75°	76.4	75.3	73.7	71.0	67.9	64.4	61.3	58.7	55.9	53.0	49.9
72.5°	92.1	90.7	88.9	86.7	84.1	80.9	77.0	72.9	68.9	65.1	61.5
70°	107.7	106.0	104.2	102.0	99.4	96.4	92.5	87.8	82.5	77.3	73.4
67.5°	124.1	121.9	120.0	118.1	115.7	112.6	108.2	103.4	98.1	92.1	86.5
65°	141.6	139.1	136.7	134.4	131.8	128.9	124.3	119.0	113.3	107.3	101.0
62.5°	159.1	157.4	154.6	151.3	147.9	144.2	139.9	134.7	128.5	121.5	114.6
60°	174.7	172.6	169.4	166.2	162.9	158.7	153.3	148.5	144.4	136.5	128.2
57.5°	188.1	185.6	181.9	178.4	175.1	170.2	164.7	159.3	154.0	148.5	141.4
55°	198.6	196.0	192.7	188.8	184.4	179.8	174.7	168.9	163.3	158.3	151.7
52.5°	209.0	206.3	203.1	199.2	194.6	189.3	183.7	177.9	172.6	167.5	161.6
50°	220.7	217.5	213.9	209.9	204.8	199.2	193.2	186.9	181.5	176.2	170.6
47.5°	235.4	230.7	225.5	220.7	215.1	208.9	202.5	196.2	190.3	184.1	178.4
45°	252.9	246.6	239.7	233.3	226.0	219.2	211.9	205.4	198.9	192.2	185.3
42.5°	275.2	265.6	256.7	247.9	238.9	230.6	222.3	214.7	207.4	200.3	192.8
40°	302.4	289.5	277.7	264.8	253.7	243.0	233.4	223.9	215.9	208.1	199.8
37.5°	335.9	319.0	302.9	286.1	271.4	257.3	245.3	234.4	223.9	215.4	206.7
35°	378.8	355.7	332.6	311.8	291.8	274.5	258.5	245.3	233.4	222.5	213.4
32.5°	436.7	404.0	369.0	342.2	315.8	293.1	274.0	257.3	243.0	230.6	219.7
30°	521.9	468.3	420.1	377.5	344.3	314.9	290.0	270.7	253.7	238.9	226.0
27.5°	644.1	551.8	486.7	424.0	375.5	339.9	309.9	284.5	264.5	247.9	233.2
25°	817.1	677.2	564.3	482.4	416.4	365.9	330.5	301.0	276.6	256.6	238.9
22.5°	1054.4	842.5	669.2	545.0	463.6	400.7	352.9	317.4	287.7	264.2	244.9
20°	1403.5	1039.6	805.0	634.5	516.5	434.1	376.3	334.5	300.1	272.1	250.2
17.5°	1817.7	1313.0	953.5	726.0	578.5	476.9	403.4	350.2	311.4	278.9	254.6
15°	2259.2	1622.7	1161.1	848.2	641.8	513.6	426.0	364.2	322.2	286.5	259.9
12.5°	2823.1	1956.7	1343.2	950.2	704.1	553.6	452.2	381.8	332.8	294.7	265.5
10°	3356.5	2305.0	1564.8	1084.6	779.9	592.7	475.4	395.4	341.0	301.2	270.0
7.5°	3860.5	2639.8	1756.3	1186.8	838.4	623.9	492.6	405.2	346.9	305.8	273.5
5°	4229.8	2889.0	1906.3	1265.7	879.8	646.5	503.8	411.3	350.3	308.5	275.8
2.5°	4510.7	3054.2	1997.5	1312.0	903.4	659.9	510.5	415.9	353.7	310.6	278.4
0°	4639.8	3117.9	2027.9	1336.5	917.6	663.6	513.5	418.9	355.9	311.4	279.9
-2.5°	4510.7	3054.2	1997.5	1312.0	903.4	659.9	510.5	415.9	353.7	310.6	278.4
-5°	4229.8	2889.0	1906.3	1265.7	879.8	646.5	503.8	411.3	350.3	308.5	275.8
-7.5°	3860.5	2639.8	1756.3	1186.8	838.4	623.9	492.6	405.2	346.9	305.8	273.5
-10°	3356.5	2305.0	1564.8	1084.6	779.9	592.7	475.4	395.4	341.0	301.2	270.0
-12.5°	2823.1	1956.7	1343.2	950.2	704.1	553.6	452.2	381.8	332.8	294.7	265.5
-15°	2259.2	1622.7	1161.1	848.2	641.8	513.6	426.0	364.2	322.2	286.5	259.9
-17.5°	1817.7	1313.0	953.5	726.0	578.5	476.9	403.4	350.2	311.4	278.9	254.6
-20°	1403.5	1039.6	805.0	634.5	516.5	434.1	376.3	334.5	300.1	272.1	250.2



Classified

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Scaled Data Report



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1054.4	842.5	669.2	545.0	463.6	400.7	352.9	317.4	287.7	264.2	244.9
-25°	817.1	677.2	564.3	482.4	416.4	365.9	330.5	301.0	276.6	256.6	238.9
-27.5°	644.1	551.8	486.7	424.0	375.5	339.9	309.9	284.5	264.5	247.9	233.2
-30°	521.9	468.3	420.1	377.5	344.3	314.9	290.0	270.7	253.7	238.9	226.0
-32.5°	436.7	404.0	369.0	342.2	315.8	293.1	274.0	257.3	243.0	230.6	219.7
-35°	378.8	355.7	332.6	311.8	291.8	274.5	258.5	245.3	233.4	222.5	213.4
-37.5°	335.9	319.0	302.9	286.1	271.4	257.3	245.3	234.4	223.9	215.4	206.7
-40°	302.4	289.5	277.7	264.8	253.7	243.0	233.4	223.9	215.9	208.1	199.8
-42.5°	275.2	265.6	256.7	247.9	238.9	230.6	222.3	214.7	207.4	200.3	192.8
-45°	252.9	246.6	239.7	233.3	226.0	219.2	211.9	205.4	198.9	192.2	185.3
-47.5°	235.4	230.7	225.5	220.7	215.1	208.9	202.5	196.2	190.3	184.1	178.4
-50°	220.7	217.5	213.9	209.9	204.8	199.2	193.2	186.9	181.5	176.2	170.6
-52.5°	209.0	206.3	203.1	199.2	194.6	189.3	183.7	177.9	172.6	167.5	161.6
-55°	198.6	196.0	192.7	188.8	184.4	179.8	174.7	168.9	163.3	158.3	151.7
-57.5°	188.1	185.6	181.9	178.4	175.1	170.2	164.7	159.3	154.0	148.5	141.4
-60°	174.7	172.6	169.4	166.2	162.9	158.7	153.3	148.5	144.4	136.5	128.2
-62.5°	159.1	157.4	154.6	151.3	147.9	144.2	139.9	134.7	128.5	121.5	114.6
-65°	141.6	139.1	136.7	134.4	131.8	128.9	124.3	119.0	113.3	107.3	101.0
-67.5°	124.1	121.9	120.0	118.1	115.7	112.6	108.2	103.4	98.1	92.1	86.5
-70°	107.7	106.0	104.2	102.0	99.4	96.4	92.5	87.8	82.5	77.3	73.4
-72.5°	92.1	90.7	88.9	86.7	84.1	80.9	77.0	72.9	68.9	65.1	61.5
-75°	76.4	75.3	73.7	71.0	67.9	64.4	61.3	58.7	55.9	53.0	49.9
-77.5°	60.2	59.2	57.8	55.3	52.8	50.2	47.7	45.6	43.6	41.5	39.2
-80°	43.5	42.8	41.8	40.3	38.7	37.1	35.5	34.0	32.4	30.7	28.9
-82.5°	29.1	28.5	27.8	27.1	26.3	25.4	24.4	23.1	21.7	20.1	18.5
-85°	17.2	16.8	16.4	16.0	15.5	15.0	14.5	13.6	12.8	12.0	11.3
-87.5°	7.0	6.8	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.5	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: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
85°	10.8	10.3	9.7	9.0	8.2	7.4	6.8	6.2	5.7	5.1	4.4
82.5°	17.5	16.9	16.2	15.4	14.2	12.9	11.6	10.3	9.0	7.7	6.7
80°	27.1	25.5	23.8	22.2	20.3	18.4	16.7	15.0	13.2	11.4	9.6
77.5°	36.9	34.4	31.9	29.6	27.2	24.8	22.3	19.8	17.4	15.1	12.9
75°	46.8	43.8	40.8	37.6	34.4	31.2	28.2	25.2	22.1	18.9	16.1
72.5°	57.8	53.9	50.0	45.9	42.1	38.3	34.3	30.5	26.9	23.2	19.5
70°	69.3	64.5	59.8	55.2	50.4	45.4	40.9	36.3	31.6	27.4	23.2
67.5°	81.3	76.5	70.9	64.8	59.4	53.7	47.6	42.2	37.0	31.6	26.9
65°	94.6	88.5	82.7	75.7	68.8	62.2	55.6	48.4	42.2	36.3	30.5
62.5°	107.5	100.2	93.2	86.0	78.5	70.9	63.5	55.4	47.6	40.9	34.3
60°	120.2	112.1	103.5	95.3	87.5	79.5	71.0	62.2	53.6	45.4	38.3
57.5°	132.4	123.8	114.1	104.5	95.7	87.3	78.3	68.7	59.4	50.3	42.1
55°	143.7	134.2	124.0	113.6	103.8	94.6	85.1	75.0	65.0	55.2	45.8
52.5°	154.1	144.2	133.3	122.3	111.5	101.5	91.6	81.0	70.3	59.9	49.8
50°	163.8	154.1	142.5	130.7	118.9	108.3	97.9	86.8	75.4	64.5	53.7
47.5°	172.1	162.9	151.8	139.0	126.4	115.0	104.1	92.5	80.3	68.7	57.5
45°	179.0	171.1	160.4	147.6	134.0	122.0	110.2	98.0	85.3	72.9	61.1
42.5°	185.4	178.0	168.3	155.9	141.9	128.9	116.1	103.4	90.1	76.9	64.5
40°	191.9	184.1	175.7	163.2	149.3	135.5	122.1	108.7	94.8	80.7	67.8
37.5°	197.9	189.9	181.4	170.0	155.9	141.7	127.8	113.8	99.2	84.6	71.0
35°	204.0	195.0	186.3	175.3	161.7	147.3	133.3	118.7	103.3	88.2	73.9
32.5°	209.9	199.8	190.4	179.7	167.0	152.4	138.1	122.9	107.2	91.5	76.7
30°	215.3	204.4	194.3	183.9	171.5	156.9	142.3	126.8	110.8	94.6	79.3
27.5°	219.6	208.1	198.1	187.5	175.1	160.9	145.9	130.3	114.1	97.4	81.7
25°	223.9	211.6	201.1	190.8	178.4	164.9	149.2	133.3	117.0	100.0	83.9
22.5°	228.6	214.7	203.5	193.9	181.9	168.8	152.4	136.0	119.5	102.4	85.9
20°	232.8	217.5	205.3	196.4	184.6	171.7	155.5	138.4	121.7	104.6	87.6
17.5°	236.5	220.5	207.6	197.8	186.8	174.1	158.3	140.6	123.5	106.4	89.1
15°	240.3	223.6	209.7	199.0	188.5	176.2	160.8	142.4	125.0	108.0	90.4
12.5°	243.8	226.1	211.3	199.9	189.8	177.9	163.1	143.9	126.1	109.3	91.6
10°	246.6	228.1	212.5	200.6	190.8	179.2	165.0	145.4	127.3	110.3	92.6
7.5°	248.9	229.4	213.3	200.9	191.4	180.2	166.7	147.1	128.4	111.0	93.4
5°	250.5	230.5	214.6	202.0	192.2	181.0	167.8	148.5	129.2	111.3	94.0
2.5°	251.7	231.4	216.0	203.1	192.6	181.5	168.5	149.5	129.6	111.4	94.4
0°	252.1	231.7	216.9	203.9	192.8	181.7	168.7	150.1	129.8	111.2	94.5
-2.5°	251.7	231.4	216.0	203.1	192.6	181.5	168.5	149.5	129.6	111.4	94.4
-5°	250.5	230.5	214.6	202.0	192.2	181.0	167.8	148.5	129.2	111.3	94.0
-7.5°	248.9	229.4	213.3	200.9	191.4	180.2	166.7	147.1	128.4	111.0	93.4
-10°	246.6	228.1	212.5	200.6	190.8	179.2	165.0	145.4	127.3	110.3	92.6
-12.5°	243.8	226.1	211.3	199.9	189.8	177.9	163.1	143.9	126.1	109.3	91.6
-15°	240.3	223.6	209.7	199.0	188.5	176.2	160.8	142.4	125.0	108.0	90.4
-17.5°	236.5	220.5	207.6	197.8	186.8	174.1	158.3	140.6	123.5	106.4	89.1
-20°	232.8	217.5	205.3	196.4	184.6	171.7	155.5	138.4	121.7	104.6	87.6

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Scaled Data Report



REPORT NUMBER: P626849 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	228.6	214.7	203.5	193.9	181.9	168.8	152.4	136.0	119.5	102.4	85.9
-25°	223.9	211.6	201.1	190.8	178.4	164.9	149.2	133.3	117.0	100.0	83.9
-27.5°	219.6	208.1	198.1	187.5	175.1	160.9	145.9	130.3	114.1	97.4	81.7
-30°	215.3	204.4	194.3	183.9	171.5	156.9	142.3	126.8	110.8	94.6	79.3
-32.5°	209.9	199.8	190.4	179.7	167.0	152.4	138.1	122.9	107.2	91.5	76.7
-35°	204.0	195.0	186.3	175.3	161.7	147.3	133.3	118.7	103.3	88.2	73.9
-37.5°	197.9	189.9	181.4	170.0	155.9	141.7	127.8	113.8	99.2	84.6	71.0
-40°	191.9	184.1	175.7	163.2	149.3	135.5	122.1	108.7	94.8	80.7	67.8
-42.5°	185.4	178.0	168.3	155.9	141.9	128.9	116.1	103.4	90.1	76.9	64.5
-45°	179.0	171.1	160.4	147.6	134.0	122.0	110.2	98.0	85.3	72.9	61.1
-47.5°	172.1	162.9	151.8	139.0	126.4	115.0	104.1	92.5	80.3	68.7	57.5
-50°	163.8	154.1	142.5	130.7	118.9	108.3	97.9	86.8	75.4	64.5	53.7
-52.5°	154.1	144.2	133.3	122.3	111.5	101.5	91.6	81.0	70.3	59.9	49.8
-55°	143.7	134.2	124.0	113.6	103.8	94.6	85.1	75.0	65.0	55.2	45.8
-57.5°	132.4	123.8	114.1	104.5	95.7	87.3	78.3	68.7	59.4	50.3	42.1
-60°	120.2	112.1	103.5	95.3	87.5	79.5	71.0	62.2	53.6	45.4	38.3
-62.5°	107.5	100.2	93.2	86.0	78.5	70.9	63.5	55.4	47.6	40.9	34.3
-65°	94.6	88.5	82.7	75.7	68.8	62.2	55.6	48.4	42.2	36.3	30.5
-67.5°	81.3	76.5	70.9	64.8	59.4	53.7	47.6	42.2	37.0	31.6	26.9
-70°	69.3	64.5	59.8	55.2	50.4	45.4	40.9	36.3	31.6	27.4	23.2
-72.5°	57.8	53.9	50.0	45.9	42.1	38.3	34.3	30.5	26.9	23.2	19.5
-75°	46.8	43.8	40.8	37.6	34.4	31.2	28.2	25.2	22.1	18.9	16.1
-77.5°	36.9	34.4	31.9	29.6	27.2	24.8	22.3	19.8	17.4	15.1	12.9
-80°	27.1	25.5	23.8	22.2	20.3	18.4	16.7	15.0	13.2	11.4	9.6
-82.5°	17.5	16.9	16.2	15.4	14.2	12.9	11.6	10.3	9.0	7.7	6.7
-85°	10.8	10.3	9.7	9.0	8.2	7.4	6.8	6.2	5.7	5.1	4.4
-87.5°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA2B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	0.8	0.0
80°	7.7	6.4	5.1	3.8	2.6	1.1	0.0
77.5°	10.5	8.2	6.4	4.8	3.2	1.4	0.0
75°	13.3	10.4	7.7	5.7	3.8	1.7	0.0
72.5°	16.0	12.6	9.4	6.7	4.4	1.9	0.0
70°	18.8	14.7	11.1	7.6	5.0	2.2	0.0
67.5°	21.9	16.8	12.7	8.8	5.6	2.5	0.0
65°	24.9	19.1	14.3	9.9	6.1	2.7	0.0
62.5°	27.9	21.6	15.8	11.1	6.6	3.0	0.0
60°	30.8	24.1	17.3	12.2	7.2	3.2	0.0
57.5°	34.0	26.4	19.2	13.2	7.8	3.4	0.0
55°	37.2	28.7	21.0	14.2	8.5	3.6	0.0
52.5°	40.2	31.0	22.8	15.2	9.1	3.8	0.0
50°	43.2	33.5	24.5	16.1	9.7	4.0	0.0
47.5°	46.1	35.8	26.2	17.1	10.4	4.2	0.0
45°	49.2	38.1	27.8	18.3	10.9	4.4	0.0
42.5°	52.1	40.3	29.3	19.4	11.5	4.6	0.0
40°	54.9	42.4	30.8	20.5	12.0	4.7	0.0
37.5°	57.6	44.3	32.4	21.6	12.6	4.9	0.0
35°	60.1	46.3	33.9	22.6	13.1	5.0	0.0
32.5°	62.5	48.3	35.2	23.6	13.5	5.1	0.0
30°	64.7	50.1	36.5	24.5	14.0	5.2	0.0
27.5°	66.7	51.8	37.8	25.3	14.4	5.3	0.0
25°	68.6	53.3	38.9	26.0	14.8	5.4	0.0
22.5°	70.3	54.7	40.0	26.7	15.1	5.5	0.0
20°	71.8	55.9	40.9	27.3	15.4	5.6	0.0
17.5°	73.0	56.9	41.7	27.9	15.7	5.6	0.0
15°	74.0	57.8	42.5	28.4	16.0	5.6	0.0
12.5°	74.8	58.4	43.1	28.8	16.2	5.7	0.0
10°	75.5	58.9	43.6	29.1	16.4	5.7	0.0
7.5°	75.9	59.3	44.0	29.4	16.5	5.7	0.0
5°	76.1	59.4	44.3	29.6	16.6	5.7	0.0
2.5°	76.2	59.4	44.4	29.7	16.7	5.6	0.0
0°	76.0	59.3	44.5	29.7	16.7	5.6	0.0
-2.5°	76.2	59.4	44.4	29.7	16.7	5.6	0.0
-5°	76.1	59.4	44.3	29.6	16.6	5.7	0.0
-7.5°	75.9	59.3	44.0	29.4	16.5	5.7	0.0
-10°	75.5	58.9	43.6	29.1	16.4	5.7	0.0
-12.5°	74.8	58.4	43.1	28.8	16.2	5.7	0.0
-15°	74.0	57.8	42.5	28.4	16.0	5.6	0.0
-17.5°	73.0	56.9	41.7	27.9	15.7	5.6	0.0
-20°	71.8	55.9	40.9	27.3	15.4	5.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	70.3	54.7	40.0	26.7	15.1	5.5	0.0
-25°	68.6	53.3	38.9	26.0	14.8	5.4	0.0
-27.5°	66.7	51.8	37.8	25.3	14.4	5.3	0.0
-30°	64.7	50.1	36.5	24.5	14.0	5.2	0.0
-32.5°	62.5	48.3	35.2	23.6	13.5	5.1	0.0
-35°	60.1	46.3	33.9	22.6	13.1	5.0	0.0
-37.5°	57.6	44.3	32.4	21.6	12.6	4.9	0.0
-40°	54.9	42.4	30.8	20.5	12.0	4.7	0.0
-42.5°	52.1	40.3	29.3	19.4	11.5	4.6	0.0
-45°	49.2	38.1	27.8	18.3	10.9	4.4	0.0
-47.5°	46.1	35.8	26.2	17.1	10.4	4.2	0.0
-50°	43.2	33.5	24.5	16.1	9.7	4.0	0.0
-52.5°	40.2	31.0	22.8	15.2	9.1	3.8	0.0
-55°	37.2	28.7	21.0	14.2	8.5	3.6	0.0
-57.5°	34.0	26.4	19.2	13.2	7.8	3.4	0.0
-60°	30.8	24.1	17.3	12.2	7.2	3.2	0.0
-62.5°	27.9	21.6	15.8	11.1	6.6	3.0	0.0
-65°	24.9	19.1	14.3	9.9	6.1	2.7	0.0
-67.5°	21.9	16.8	12.7	8.8	5.6	2.5	0.0
-70°	18.8	14.7	11.1	7.6	5.0	2.2	0.0
-72.5°	16.0	12.6	9.4	6.7	4.4	1.9	0.0
-75°	13.3	10.4	7.7	5.7	3.8	1.7	0.0
-77.5°	10.5	8.2	6.4	4.8	3.2	1.4	0.0
-80°	7.7	6.4	5.1	3.8	2.6	1.1	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	0.8	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)