

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: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626609 (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-SA1B-730-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N14  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

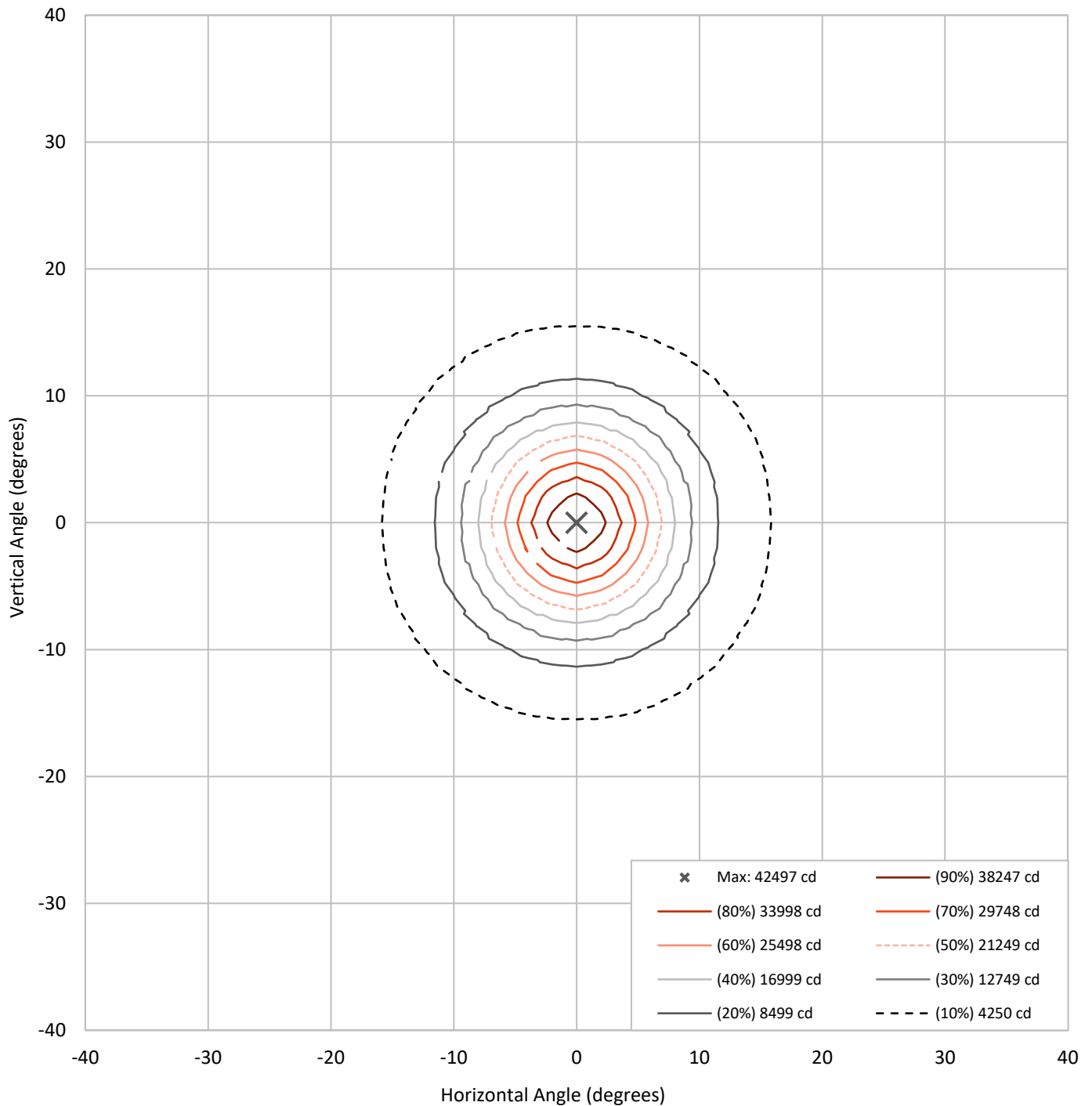
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4512.6 lumens	Max Intensity:	42497 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	1334.2 lumens	Field Lumens:	3002.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





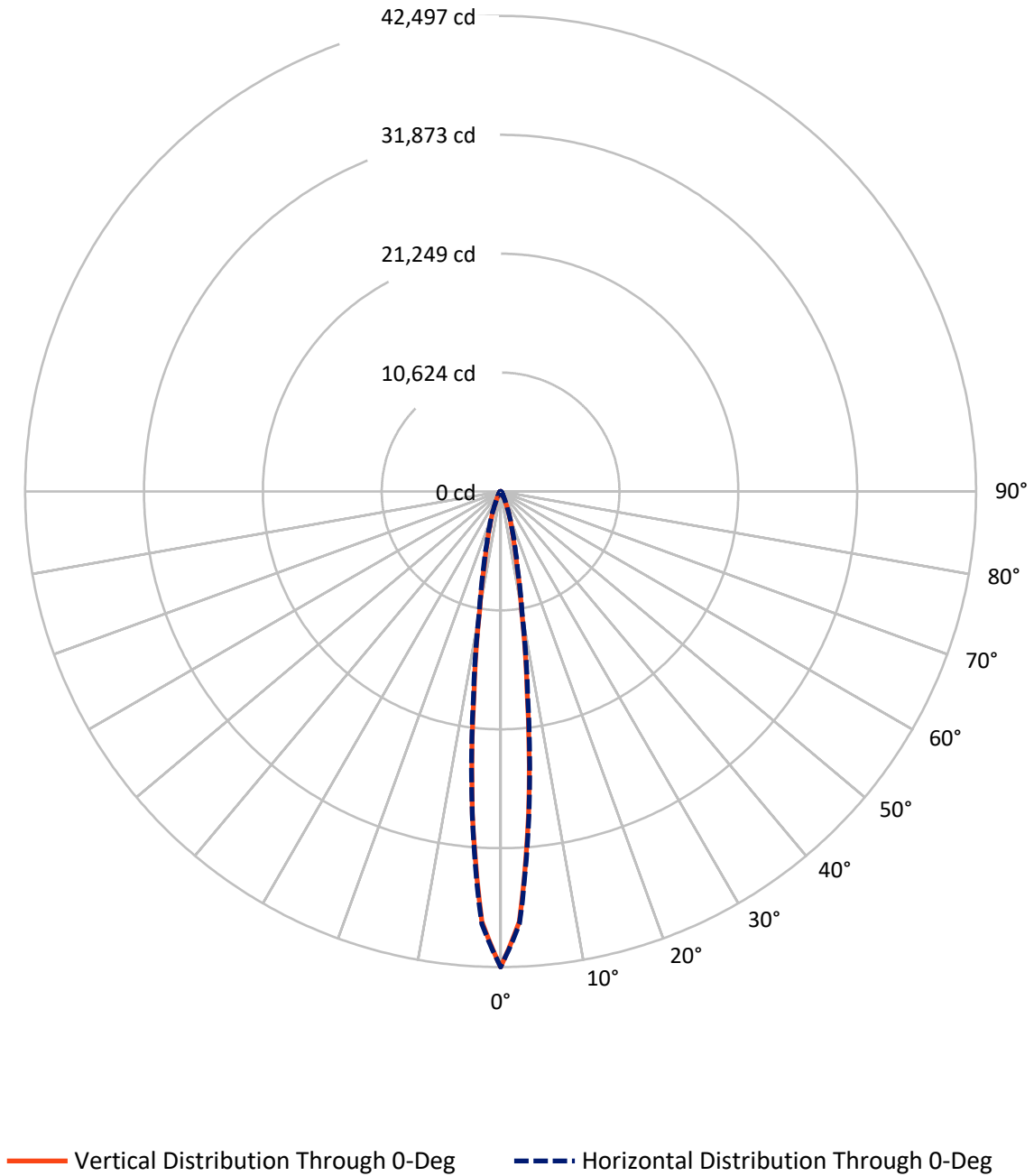
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### Lumen Table

90																			
80	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
70																			
60	0.3	0.3	0.7	1.1	1.5	1.9	2.1	2.2	2.2	2.1	1.9	1.5	1.1	0.7	0.3	0.3			
50		0.5	1.0	1.6	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.6	1.0	0.5				
40	0.5	0.6	1.3	2.0	2.6	3.3	3.9	4.2	4.2	3.9	3.3	2.6	2.0	1.3	0.6	0.5			
30		0.8	1.5	2.3	3.2	4.6	6.5	8.1	8.1	6.5	4.6	3.2	2.3	1.5	0.8				
20	0.6	0.9	1.6	2.6	4.2	8.2	18.8	31.1	31.1	18.8	8.2	4.2	2.6	1.6	0.9	0.6			
10		0.9	1.7	2.8	5.5	17.5	62.2	133.9	133.9	62.2	17.5	5.5	2.8	1.7	0.9				
0	0.7	0.9	1.8	3.0	6.7	28.9	135.1	583.8	583.8	135.1	28.9	6.7	3.0	1.8	0.9	0.7			
-10		0.9	1.8	3.0	6.7	28.9	135.1	583.8	583.8	135.1	28.9	6.7	3.0	1.8	0.9				
-20	0.6	0.9	1.7	2.8	5.5	17.5	62.2	133.9	133.9	62.2	17.5	5.5	2.8	1.7	0.9	0.6			
-30		0.9	1.6	2.6	4.2	8.2	18.8	31.1	31.1	18.8	8.2	4.2	2.6	1.6	0.9				
-40	0.5	0.8	1.5	2.3	3.2	4.6	6.5	8.1	8.1	6.5	4.6	3.2	2.3	1.5	0.8	0.5			
-50		0.6	1.3	2.0	2.6	3.3	3.9	4.2	4.2	3.9	3.3	2.6	2.0	1.3	0.6				
-60	0.3	0.5	1.0	1.6	2.1	2.6	2.9	3.0	3.0	2.9	2.6	2.1	1.6	1.0	0.5	0.3			
-70		0.3	0.7	1.1	1.5	1.9	2.1	2.2	2.2	2.1	1.9	1.5	1.1	0.7	0.3				
-80																			
-90	0.1	0.6		1.6		2.6		2.9		2.6		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

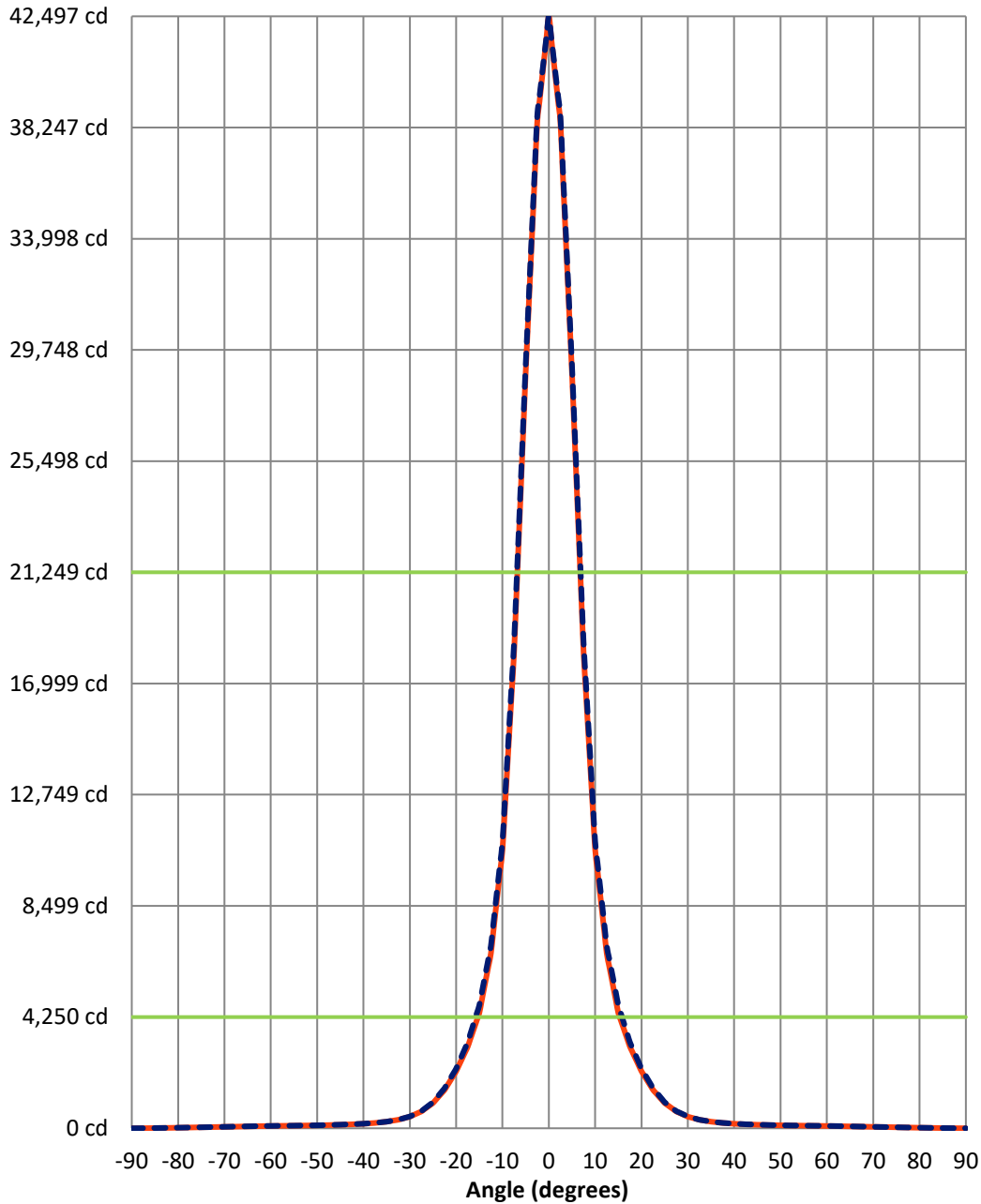
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 1334.2  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 3002.4  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 1510.2  
 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	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.4	5.1
80°	0.0	0.5	1.2	1.9	2.5	3.1	3.8	4.7	5.6	6.5	7.4
77.5°	0.0	0.7	1.5	2.3	3.1	4.0	5.2	6.3	7.4	8.6	9.7
75°	0.0	0.8	1.8	2.8	3.8	5.1	6.5	7.9	9.3	10.9	12.4
72.5°	0.0	0.9	2.1	3.2	4.6	6.2	7.9	9.6	11.4	13.2	15.0
70°	0.0	1.1	2.4	3.7	5.4	7.2	9.2	11.4	13.5	15.6	17.9
67.5°	0.0	1.2	2.7	4.3	6.2	8.3	10.8	13.2	15.6	18.2	20.8
65°	0.0	1.3	3.0	4.9	7.0	9.4	12.3	15.0	17.9	20.8	23.8
62.5°	0.0	1.4	3.2	5.4	7.8	10.6	13.7	16.9	20.1	23.4	27.2
60°	0.0	1.5	3.5	6.0	8.5	11.8	15.2	18.9	22.4	26.4	30.6
57.5°	0.0	1.7	3.8	6.5	9.4	13.0	16.7	20.7	24.8	29.2	33.8
55°	0.0	1.8	4.1	7.0	10.3	14.1	18.3	22.6	27.2	31.9	36.9
52.5°	0.0	1.9	4.5	7.5	11.2	15.3	19.8	24.5	29.5	34.6	39.8
50°	0.0	2.0	4.8	7.9	12.0	16.5	21.3	26.4	31.7	37.1	42.7
47.5°	0.0	2.0	5.1	8.4	12.9	17.6	22.7	28.3	33.8	39.5	45.5
45°	0.0	2.1	5.3	9.0	13.6	18.8	24.2	30.0	35.8	42.0	48.2
42.5°	0.0	2.2	5.6	9.5	14.4	19.8	25.6	31.7	37.8	44.3	50.8
40°	0.0	2.3	5.9	10.1	15.2	20.8	27.0	33.3	39.7	46.6	53.4
37.5°	0.0	2.4	6.1	10.6	15.9	21.8	28.3	34.9	41.6	48.8	55.9
35°	0.0	2.4	6.4	11.1	16.6	22.8	29.5	36.3	43.4	50.8	58.3
32.5°	0.0	2.5	6.6	11.6	17.3	23.7	30.7	37.6	45.0	52.7	60.4
30°	0.0	2.5	6.8	12.0	18.0	24.6	31.7	38.9	46.5	54.4	62.3
27.5°	0.0	2.6	7.0	12.4	18.6	25.4	32.7	40.1	47.8	56.0	64.0
25°	0.0	2.6	7.2	12.8	19.1	26.2	33.6	41.2	49.1	57.5	65.5
22.5°	0.0	2.7	7.4	13.1	19.7	26.9	34.5	42.2	50.3	58.7	66.8
20°	0.0	2.7	7.6	13.4	20.1	27.4	35.2	43.0	51.3	59.7	68.0
17.5°	0.0	2.7	7.7	13.7	20.5	27.9	35.8	43.7	52.2	60.6	69.0
15°	0.0	2.7	7.8	13.9	20.9	28.3	36.3	44.4	53.0	61.3	69.9
12.5°	0.0	2.7	7.9	14.1	21.2	28.7	36.7	45.0	53.6	61.9	70.7
10°	0.0	2.7	8.0	14.3	21.5	28.9	37.0	45.5	54.1	62.5	71.4
7.5°	0.0	2.7	8.1	14.4	21.6	29.1	37.2	45.9	54.5	63.0	72.2
5°	0.0	2.7	8.2	14.5	21.8	29.2	37.3	46.2	54.7	63.4	72.9
2.5°	0.0	2.7	8.2	14.6	21.9	29.2	37.4	46.3	54.7	63.6	73.5
0°	0.0	2.7	8.2	14.6	21.9	29.1	37.3	46.4	54.6	63.7	73.8
-2.5°	0.0	2.7	8.2	14.6	21.9	29.2	37.4	46.3	54.7	63.6	73.5
-5°	0.0	2.7	8.2	14.5	21.8	29.2	37.3	46.2	54.7	63.4	72.9
-7.5°	0.0	2.7	8.1	14.4	21.6	29.1	37.2	45.9	54.5	63.0	72.2
-10°	0.0	2.7	8.0	14.3	21.5	28.9	37.0	45.5	54.1	62.5	71.4
-12.5°	0.0	2.7	7.9	14.1	21.2	28.7	36.7	45.0	53.6	61.9	70.7
-15°	0.0	2.7	7.8	13.9	20.9	28.3	36.3	44.4	53.0	61.3	69.9
-17.5°	0.0	2.7	7.7	13.7	20.5	27.9	35.8	43.7	52.2	60.6	69.0
-20°	0.0	2.7	7.6	13.4	20.1	27.4	35.2	43.0	51.3	59.7	68.0

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CATALOG NUMBER: GFLD-SA1B-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.7	7.4	13.1	19.7	26.9	34.5	42.2	50.3	58.7	66.8
-25°	0.0	2.6	7.2	12.8	19.1	26.2	33.6	41.2	49.1	57.5	65.5
-27.5°	0.0	2.6	7.0	12.4	18.6	25.4	32.7	40.1	47.8	56.0	64.0
-30°	0.0	2.5	6.8	12.0	18.0	24.6	31.7	38.9	46.5	54.4	62.3
-32.5°	0.0	2.5	6.6	11.6	17.3	23.7	30.7	37.6	45.0	52.7	60.4
-35°	0.0	2.4	6.4	11.1	16.6	22.8	29.5	36.3	43.4	50.8	58.3
-37.5°	0.0	2.4	6.1	10.6	15.9	21.8	28.3	34.9	41.6	48.8	55.9
-40°	0.0	2.3	5.9	10.1	15.2	20.8	27.0	33.3	39.7	46.6	53.4
-42.5°	0.0	2.2	5.6	9.5	14.4	19.8	25.6	31.7	37.8	44.3	50.8
-45°	0.0	2.1	5.3	9.0	13.6	18.8	24.2	30.0	35.8	42.0	48.2
-47.5°	0.0	2.0	5.1	8.4	12.9	17.6	22.7	28.3	33.8	39.5	45.5
-50°	0.0	2.0	4.8	7.9	12.0	16.5	21.3	26.4	31.7	37.1	42.7
-52.5°	0.0	1.9	4.5	7.5	11.2	15.3	19.8	24.5	29.5	34.6	39.8
-55°	0.0	1.8	4.1	7.0	10.3	14.1	18.3	22.6	27.2	31.9	36.9
-57.5°	0.0	1.7	3.8	6.5	9.4	13.0	16.7	20.7	24.8	29.2	33.8
-60°	0.0	1.5	3.5	6.0	8.5	11.8	15.2	18.9	22.4	26.4	30.6
-62.5°	0.0	1.4	3.2	5.4	7.8	10.6	13.7	16.9	20.1	23.4	27.2
-65°	0.0	1.3	3.0	4.9	7.0	9.4	12.3	15.0	17.9	20.8	23.8
-67.5°	0.0	1.2	2.7	4.3	6.2	8.3	10.8	13.2	15.6	18.2	20.8
-70°	0.0	1.1	2.4	3.7	5.4	7.2	9.2	11.4	13.5	15.6	17.9
-72.5°	0.0	0.9	2.1	3.2	4.6	6.2	7.9	9.6	11.4	13.2	15.0
-75°	0.0	0.8	1.8	2.8	3.8	5.1	6.5	7.9	9.3	10.9	12.4
-77.5°	0.0	0.7	1.5	2.3	3.1	4.0	5.2	6.3	7.4	8.6	9.7
-80°	0.0	0.5	1.2	1.9	2.5	3.1	3.8	4.7	5.6	6.5	7.4
-82.5°	0.0	0.4	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.4	5.1
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.1	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.0	4.4	4.7	5.0	5.3	5.5	5.9	6.3	6.7
82.5°	5.7	6.3	6.9	7.5	8.0	8.3	8.6	9.1	9.9	10.7	11.4
80°	8.2	9.1	10.0	10.9	11.7	12.5	13.4	14.2	15.1	15.9	16.7
77.5°	11.0	12.2	13.4	14.6	15.7	17.0	18.2	19.3	20.4	21.5	22.5
75°	13.9	15.3	16.9	18.5	20.1	21.6	23.0	24.6	26.1	27.5	28.9
72.5°	16.9	18.9	20.8	22.6	24.6	26.6	28.4	30.3	32.0	33.9	35.8
70°	20.1	22.4	24.8	27.2	29.4	31.8	34.1	36.1	38.0	40.6	43.2
67.5°	23.4	26.4	29.2	31.9	34.9	37.6	40.0	42.5	45.3	48.2	50.8
65°	27.3	30.6	33.8	37.2	40.6	43.5	46.5	49.6	52.7	55.7	58.5
62.5°	31.2	34.9	38.6	42.3	45.8	49.2	52.8	56.3	59.7	63.1	66.2
60°	34.9	39.1	43.0	46.8	50.8	55.1	59.1	63.0	67.0	70.9	72.9
57.5°	38.5	42.9	47.0	51.4	56.0	60.8	65.0	69.4	72.9	75.6	78.3
55°	41.9	46.5	51.0	55.8	60.9	65.9	70.6	74.5	77.7	80.2	83.0
52.5°	45.0	49.9	54.8	60.1	65.5	70.8	75.7	79.4	82.3	84.8	87.4
50°	48.1	53.2	58.4	64.2	70.0	75.7	80.4	83.8	86.6	89.1	91.8
47.5°	51.2	56.5	62.1	68.3	74.6	80.0	84.6	87.7	90.4	93.4	96.4
45°	54.1	60.0	65.9	72.5	78.8	84.1	88.0	91.1	94.4	97.7	100.9
42.5°	57.1	63.3	69.7	76.6	82.7	87.5	91.1	94.7	98.4	101.9	105.5
40°	60.0	66.6	73.4	80.2	86.3	90.5	94.3	98.2	102.2	106.0	110.0
37.5°	62.8	69.6	76.6	83.5	89.1	93.3	97.2	101.6	105.8	110.0	115.1
35°	65.5	72.4	79.5	86.2	91.5	95.8	100.2	104.8	109.3	114.7	120.5
32.5°	67.9	74.9	82.1	88.3	93.5	98.2	103.1	107.9	113.3	119.4	126.4
30°	69.9	77.1	84.3	90.3	95.5	100.4	105.8	111.1	117.4	124.6	133.0
27.5°	71.7	79.0	86.0	92.1	97.3	102.2	107.9	114.6	121.8	129.9	139.7
25°	73.3	81.0	87.6	93.7	98.8	103.9	110.0	117.3	126.0	135.9	147.8
22.5°	74.9	82.9	89.3	95.2	100.0	105.5	112.3	120.3	129.7	141.3	155.9
20°	76.4	84.3	90.7	96.4	100.8	106.8	114.3	122.9	133.6	147.4	164.3
17.5°	77.8	85.5	91.7	97.2	102.0	108.3	116.1	125.0	137.0	153.0	172.0
15°	79.0	86.5	92.6	97.7	103.0	109.8	118.0	127.6	140.8	158.3	178.8
12.5°	80.1	87.4	93.2	98.2	103.8	111.0	119.7	130.4	144.8	163.5	187.5
10°	81.1	88.0	93.7	98.5	104.4	112.0	121.1	132.6	148.0	167.5	194.2
7.5°	81.9	88.5	94.0	98.6	104.8	112.7	122.2	134.3	150.2	170.3	199.0
5°	82.5	88.9	94.4	99.2	105.4	113.2	123.0	135.5	151.6	172.1	202.0
2.5°	82.8	89.1	94.6	99.8	106.0	113.7	123.6	136.8	152.6	173.7	204.3
0°	82.9	89.2	94.7	100.2	106.5	113.8	123.8	137.5	153.0	174.8	205.8
-2.5°	82.8	89.1	94.6	99.8	106.0	113.7	123.6	136.8	152.6	173.7	204.3
-5°	82.5	88.9	94.4	99.2	105.4	113.2	123.0	135.5	151.6	172.1	202.0
-7.5°	81.9	88.5	94.0	98.6	104.8	112.7	122.2	134.3	150.2	170.3	199.0
-10°	81.1	88.0	93.7	98.5	104.4	112.0	121.1	132.6	148.0	167.5	194.2
-12.5°	80.1	87.4	93.2	98.2	103.8	111.0	119.7	130.4	144.8	163.5	187.5
-15°	79.0	86.5	92.6	97.7	103.0	109.8	118.0	127.6	140.8	158.3	178.8
-17.5°	77.8	85.5	91.7	97.2	102.0	108.3	116.1	125.0	137.0	153.0	172.0
-20°	76.4	84.3	90.7	96.4	100.8	106.8	114.3	122.9	133.6	147.4	164.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	74.9	82.9	89.3	95.2	100.0	105.5	112.3	120.3	129.7	141.3	155.9
-25°	73.3	81.0	87.6	93.7	98.8	103.9	110.0	117.3	126.0	135.9	147.8
-27.5°	71.7	79.0	86.0	92.1	97.3	102.2	107.9	114.6	121.8	129.9	139.7
-30°	69.9	77.1	84.3	90.3	95.5	100.4	105.8	111.1	117.4	124.6	133.0
-32.5°	67.9	74.9	82.1	88.3	93.5	98.2	103.1	107.9	113.3	119.4	126.4
-35°	65.5	72.4	79.5	86.2	91.5	95.8	100.2	104.8	109.3	114.7	120.5
-37.5°	62.8	69.6	76.6	83.5	89.1	93.3	97.2	101.6	105.8	110.0	115.1
-40°	60.0	66.6	73.4	80.2	86.3	90.5	94.3	98.2	102.2	106.0	110.0
-42.5°	57.1	63.3	69.7	76.6	82.7	87.5	91.1	94.7	98.4	101.9	105.5
-45°	54.1	60.0	65.9	72.5	78.8	84.1	88.0	91.1	94.4	97.7	100.9
-47.5°	51.2	56.5	62.1	68.3	74.6	80.0	84.6	87.7	90.4	93.4	96.4
-50°	48.1	53.2	58.4	64.2	70.0	75.7	80.4	83.8	86.6	89.1	91.8
-52.5°	45.0	49.9	54.8	60.1	65.5	70.8	75.7	79.4	82.3	84.8	87.4
-55°	41.9	46.5	51.0	55.8	60.9	65.9	70.6	74.5	77.7	80.2	83.0
-57.5°	38.5	42.9	47.0	51.4	56.0	60.8	65.0	69.4	72.9	75.6	78.3
-60°	34.9	39.1	43.0	46.8	50.8	55.1	59.1	63.0	67.0	70.9	72.9
-62.5°	31.2	34.9	38.6	42.3	45.8	49.2	52.8	56.3	59.7	63.1	66.2
-65°	27.3	30.6	33.8	37.2	40.6	43.5	46.5	49.6	52.7	55.7	58.5
-67.5°	23.4	26.4	29.2	31.9	34.9	37.6	40.0	42.5	45.3	48.2	50.8
-70°	20.1	22.4	24.8	27.2	29.4	31.8	34.1	36.1	38.0	40.6	43.2
-72.5°	16.9	18.9	20.8	22.6	24.6	26.6	28.4	30.3	32.0	33.9	35.8
-75°	13.9	15.3	16.9	18.5	20.1	21.6	23.0	24.6	26.1	27.5	28.9
-77.5°	11.0	12.2	13.4	14.6	15.7	17.0	18.2	19.3	20.4	21.5	22.5
-80°	8.2	9.1	10.0	10.9	11.7	12.5	13.4	14.2	15.1	15.9	16.7
-82.5°	5.7	6.3	6.9	7.5	8.0	8.3	8.6	9.1	9.9	10.7	11.4
-85°	3.3	3.6	4.0	4.4	4.7	5.0	5.3	5.5	5.9	6.3	6.7
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
-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: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.3	3.1
85°	7.1	7.4	7.6	7.9	8.1	8.3	8.4	8.6	8.7	8.6	8.5
82.5°	12.0	12.5	12.9	13.3	13.7	14.0	14.3	14.6	14.8	14.8	14.8
80°	17.5	18.3	19.0	19.8	20.6	21.0	21.4	21.6	21.8	21.9	21.9
77.5°	23.5	24.7	26.0	27.2	28.4	29.1	29.6	30.0	30.4	30.4	30.3
75°	30.1	31.7	33.4	34.9	36.2	37.0	37.6	38.1	38.4	38.5	38.5
72.5°	37.9	39.8	41.3	42.6	43.7	44.6	45.3	45.9	46.3	46.5	46.5
70°	45.5	47.4	48.8	50.1	51.2	52.1	52.9	53.7	54.3	54.7	55.0
67.5°	53.2	55.3	56.8	58.0	58.9	59.9	61.0	62.0	62.8	63.3	63.5
65°	61.1	63.3	64.8	66.1	67.2	68.4	69.6	70.5	71.1	71.5	71.7
62.5°	68.7	70.8	72.6	74.3	76.0	77.3	78.2	79.0	79.6	80.2	80.5
60°	75.3	78.0	80.0	81.6	83.2	84.8	85.8	86.6	87.3	87.7	88.0
57.5°	80.9	83.7	86.1	87.6	89.4	91.2	92.4	93.1	93.7	94.2	94.5
55°	85.9	88.4	90.6	92.7	94.7	96.3	97.6	98.5	99.3	99.9	100.2
52.5°	90.2	93.0	95.6	97.9	99.8	101.4	102.6	103.8	104.7	105.3	105.5
50°	94.9	97.8	100.6	103.1	105.1	106.9	108.5	109.8	111.1	112.1	112.9
47.5°	99.5	102.6	105.7	108.4	110.8	113.4	115.7	117.6	119.5	121.0	122.1
45°	104.1	107.7	111.1	114.6	117.8	121.1	124.3	126.9	129.7	131.8	133.2
42.5°	109.2	113.3	117.4	121.8	126.1	130.4	135.2	139.4	142.6	145.7	148.2
40°	114.7	119.4	124.6	130.1	136.4	142.1	148.5	154.0	158.9	164.1	168.3
37.5°	120.5	126.4	133.3	140.5	148.7	156.6	165.0	173.1	180.3	188.7	195.0
35°	127.0	134.8	143.3	153.1	163.3	174.7	186.1	199.2	210.5	222.9	233.7
32.5°	134.6	143.9	155.1	168.0	181.2	198.4	214.5	235.4	253.4	273.1	293.0
30°	142.4	154.7	169.1	185.4	206.4	230.0	256.4	287.4	319.4	350.4	387.8
27.5°	152.2	167.0	184.4	208.3	239.1	271.0	316.3	363.0	421.8	470.5	539.1
25°	162.3	179.7	204.5	236.9	277.2	332.6	401.4	475.9	579.4	670.4	777.1
22.5°	173.4	196.8	227.7	267.7	328.7	413.8	517.9	658.2	810.9	973.1	1134.4
20°	184.9	213.2	253.7	311.7	395.4	510.6	689.4	905.9	1124.2	1391.8	1628.7
17.5°	198.2	234.3	284.1	356.6	468.3	644.9	892.8	1195.2	1533.7	1918.5	2260.1
15°	209.2	252.3	315.2	416.6	570.3	797.1	1109.7	1525.6	2034.4	2551.2	3075.5
12.5°	222.1	271.9	345.8	466.7	659.7	961.1	1386.7	1913.1	2548.5	3265.3	4110.3
10°	233.5	291.2	383.1	532.7	768.6	1132.2	1648.7	2282.0	3102.0	4133.3	5441.8
7.5°	242.0	306.5	411.8	583.0	862.7	1296.7	1896.2	2685.9	3727.9	5089.7	6885.5
5°	247.5	317.6	432.2	621.7	936.3	1419.1	2077.6	2972.5	4229.5	6155.5	9196.6
2.5°	250.7	324.2	443.8	644.4	981.1	1500.1	2215.6	3189.1	4554.6	6814.2	10683.0
0°	252.2	326.0	450.7	656.5	996.1	1531.5	2279.0	3287.8	4700.0	6968.1	10944.3
-2.5°	250.7	324.2	443.8	644.4	981.1	1500.1	2215.6	3189.1	4554.6	6814.2	10683.0
-5°	247.5	317.6	432.2	621.7	936.3	1419.1	2077.6	2972.5	4229.5	6155.5	9196.6
-7.5°	242.0	306.5	411.8	583.0	862.7	1296.7	1896.2	2685.9	3727.9	5089.7	6885.5
-10°	233.5	291.2	383.1	532.7	768.6	1132.2	1648.7	2282.0	3102.0	4133.3	5441.8
-12.5°	222.1	271.9	345.8	466.7	659.7	961.1	1386.7	1913.1	2548.5	3265.3	4110.3
-15°	209.2	252.3	315.2	416.6	570.3	797.1	1109.7	1525.6	2034.4	2551.2	3075.5
-17.5°	198.2	234.3	284.1	356.6	468.3	644.9	892.8	1195.2	1533.7	1918.5	2260.1
-20°	184.9	213.2	253.7	311.7	395.4	510.6	689.4	905.9	1124.2	1391.8	1628.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	173.4	196.8	227.7	267.7	328.7	413.8	517.9	658.2	810.9	973.1	1134.4
-25°	162.3	179.7	204.5	236.9	277.2	332.6	401.4	475.9	579.4	670.4	777.1
-27.5°	152.2	167.0	184.4	208.3	239.1	271.0	316.3	363.0	421.8	470.5	539.1
-30°	142.4	154.7	169.1	185.4	206.4	230.0	256.4	287.4	319.4	350.4	387.8
-32.5°	134.6	143.9	155.1	168.0	181.2	198.4	214.5	235.4	253.4	273.1	293.0
-35°	127.0	134.8	143.3	153.1	163.3	174.7	186.1	199.2	210.5	222.9	233.7
-37.5°	120.5	126.4	133.3	140.5	148.7	156.6	165.0	173.1	180.3	188.7	195.0
-40°	114.7	119.4	124.6	130.1	136.4	142.1	148.5	154.0	158.9	164.1	168.3
-42.5°	109.2	113.3	117.4	121.8	126.1	130.4	135.2	139.4	142.6	145.7	148.2
-45°	104.1	107.7	111.1	114.6	117.8	121.1	124.3	126.9	129.7	131.8	133.2
-47.5°	99.5	102.6	105.7	108.4	110.8	113.4	115.7	117.6	119.5	121.0	122.1
-50°	94.9	97.8	100.6	103.1	105.1	106.9	108.5	109.8	111.1	112.1	112.9
-52.5°	90.2	93.0	95.6	97.9	99.8	101.4	102.6	103.8	104.7	105.3	105.5
-55°	85.9	88.4	90.6	92.7	94.7	96.3	97.6	98.5	99.3	99.9	100.2
-57.5°	80.9	83.7	86.1	87.6	89.4	91.2	92.4	93.1	93.7	94.2	94.5
-60°	75.3	78.0	80.0	81.6	83.2	84.8	85.8	86.6	87.3	87.7	88.0
-62.5°	68.7	70.8	72.6	74.3	76.0	77.3	78.2	79.0	79.6	80.2	80.5
-65°	61.1	63.3	64.8	66.1	67.2	68.4	69.6	70.5	71.1	71.5	71.7
-67.5°	53.2	55.3	56.8	58.0	58.9	59.9	61.0	62.0	62.8	63.3	63.5
-70°	45.5	47.4	48.8	50.1	51.2	52.1	52.9	53.7	54.3	54.7	55.0
-72.5°	37.9	39.8	41.3	42.6	43.7	44.6	45.3	45.9	46.3	46.5	46.5
-75°	30.1	31.7	33.4	34.9	36.2	37.0	37.6	38.1	38.4	38.5	38.5
-77.5°	23.5	24.7	26.0	27.2	28.4	29.1	29.6	30.0	30.4	30.4	30.3
-80°	17.5	18.3	19.0	19.8	20.6	21.0	21.4	21.6	21.8	21.9	21.9
-82.5°	12.0	12.5	12.9	13.3	13.7	14.0	14.3	14.6	14.8	14.8	14.8
-85°	7.1	7.4	7.6	7.9	8.1	8.3	8.4	8.6	8.7	8.6	8.5
-87.5°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.3	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



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.1	3.3	3.5	3.4
85°	8.3	8.2	8.2	8.2	8.2	8.2	8.3	8.5	8.6	8.7	8.6
82.5°	14.7	14.5	14.6	14.6	14.6	14.5	14.7	14.8	14.8	14.8	14.6
80°	21.9	21.8	21.4	20.9	21.4	21.8	21.9	21.9	21.9	21.8	21.6
77.5°	30.1	29.9	29.5	29.1	29.5	29.9	30.1	30.3	30.4	30.4	30.0
75°	38.3	38.0	38.1	38.2	38.1	38.0	38.3	38.5	38.5	38.4	38.1
72.5°	46.4	46.2	46.3	46.4	46.3	46.2	46.4	46.5	46.5	46.3	45.9
70°	55.2	55.2	55.0	54.6	55.0	55.2	55.2	55.0	54.7	54.3	53.7
67.5°	63.6	63.5	63.2	62.8	63.2	63.5	63.6	63.5	63.3	62.8	62.0
65°	71.8	71.7	71.8	71.9	71.8	71.7	71.8	71.7	71.5	71.1	70.5
62.5°	80.7	80.7	80.5	80.1	80.5	80.7	80.7	80.5	80.2	79.6	79.0
60°	88.1	88.1	87.8	87.4	87.8	88.1	88.1	88.0	87.7	87.3	86.6
57.5°	94.6	94.5	94.2	93.8	94.2	94.5	94.6	94.5	94.2	93.7	93.1
55°	100.2	100.1	99.7	99.2	99.7	100.1	100.2	100.2	99.9	99.3	98.5
52.5°	105.6	105.5	105.5	105.6	105.5	105.5	105.6	105.5	105.3	104.7	103.8
50°	113.3	113.5	113.3	112.9	113.3	113.5	113.3	112.9	112.1	111.1	109.8
47.5°	122.6	122.7	122.4	122.0	122.4	122.7	122.6	122.1	121.0	119.5	117.6
45°	134.3	135.0	135.2	134.8	135.2	135.0	134.3	133.2	131.8	129.7	126.9
42.5°	150.1	151.2	151.4	151.1	151.4	151.2	150.1	148.2	145.7	142.6	139.4
40°	170.8	172.0	172.3	172.1	172.3	172.0	170.8	168.3	164.1	158.9	154.0
37.5°	199.6	202.5	203.8	204.0	203.8	202.5	199.6	195.0	188.7	180.3	173.1
35°	242.0	247.7	250.7	252.2	250.7	247.7	242.0	233.7	222.9	210.5	199.2
32.5°	308.0	319.5	325.8	325.1	325.8	319.5	308.0	293.0	273.1	253.4	235.4
30°	416.0	436.0	446.1	443.4	446.1	436.0	416.0	387.8	350.4	319.4	287.4
27.5°	588.4	624.6	645.5	642.8	645.5	624.6	588.4	539.1	470.5	421.8	363.0
25°	866.4	932.4	974.7	964.2	974.7	932.4	866.4	777.1	670.4	579.4	475.9
22.5°	1289.1	1401.0	1475.0	1465.9	1475.0	1401.0	1289.1	1134.4	973.1	810.9	658.2
20°	1869.0	2039.3	2160.9	2177.0	2160.9	2039.3	1869.0	1628.7	1391.8	1124.2	905.9
17.5°	2629.2	2899.1	3087.1	3118.5	3087.1	2899.1	2629.2	2260.1	1918.5	1533.7	1195.2
15°	3617.1	4058.4	4377.8	4404.1	4377.8	4058.4	3617.1	3075.5	2551.2	2034.4	1525.6
12.5°	4958.5	5846.1	6425.4	6680.4	6425.4	5846.1	4958.5	4110.3	3265.3	2548.5	1913.1
10°	6815.0	8853.7	10159.4	10650.2	10159.4	8853.7	6815.0	5441.8	4133.3	3102.0	2282.0
7.5°	9915.8	13116.7	16675.3	18192.0	16675.3	13116.7	9915.8	6885.5	5089.7	3727.9	2685.9
5°	13427.3	20070.5	26389.2	28856.7	26389.2	20070.5	13427.3	9196.6	6155.5	4229.5	2972.5
2.5°	17122.3	26381.9	35058.8	38452.2	35058.8	26381.9	17122.3	10683.0	6814.2	4554.6	3189.1
0°	18565.3	29145.4	38692.1	42497.0	38692.1	29145.4	18565.3	10944.3	6968.1	4700.0	3287.8
-2.5°	17122.3	26381.9	35058.8	38452.2	35058.8	26381.9	17122.3	10683.0	6814.2	4554.6	3189.1
-5°	13427.3	20070.5	26389.2	28856.7	26389.2	20070.5	13427.3	9196.6	6155.5	4229.5	2972.5
-7.5°	9915.8	13116.7	16675.3	18192.0	16675.3	13116.7	9915.8	6885.5	5089.7	3727.9	2685.9
-10°	6815.0	8853.7	10159.4	10650.2	10159.4	8853.7	6815.0	5441.8	4133.3	3102.0	2282.0
-12.5°	4958.5	5846.1	6425.4	6680.4	6425.4	5846.1	4958.5	4110.3	3265.3	2548.5	1913.1
-15°	3617.1	4058.4	4377.8	4404.1	4377.8	4058.4	3617.1	3075.5	2551.2	2034.4	1525.6
-17.5°	2629.2	2899.1	3087.1	3118.5	3087.1	2899.1	2629.2	2260.1	1918.5	1533.7	1195.2
-20°	1869.0	2039.3	2160.9	2177.0	2160.9	2039.3	1869.0	1628.7	1391.8	1124.2	905.9



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1289.1	1401.0	1475.0	1465.9	1475.0	1401.0	1289.1	1134.4	973.1	810.9	658.2
-25°	866.4	932.4	974.7	964.2	974.7	932.4	866.4	777.1	670.4	579.4	475.9
-27.5°	588.4	624.6	645.5	642.8	645.5	624.6	588.4	539.1	470.5	421.8	363.0
-30°	416.0	436.0	446.1	443.4	446.1	436.0	416.0	387.8	350.4	319.4	287.4
-32.5°	308.0	319.5	325.8	325.1	325.8	319.5	308.0	293.0	273.1	253.4	235.4
-35°	242.0	247.7	250.7	252.2	250.7	247.7	242.0	233.7	222.9	210.5	199.2
-37.5°	199.6	202.5	203.8	204.0	203.8	202.5	199.6	195.0	188.7	180.3	173.1
-40°	170.8	172.0	172.3	172.1	172.3	172.0	170.8	168.3	164.1	158.9	154.0
-42.5°	150.1	151.2	151.4	151.1	151.4	151.2	150.1	148.2	145.7	142.6	139.4
-45°	134.3	135.0	135.2	134.8	135.2	135.0	134.3	133.2	131.8	129.7	126.9
-47.5°	122.6	122.7	122.4	122.0	122.4	122.7	122.6	122.1	121.0	119.5	117.6
-50°	113.3	113.5	113.3	112.9	113.3	113.5	113.3	112.9	112.1	111.1	109.8
-52.5°	105.6	105.5	105.5	105.6	105.5	105.5	105.6	105.5	105.3	104.7	103.8
-55°	100.2	100.1	99.7	99.2	99.7	100.1	100.2	100.2	99.9	99.3	98.5
-57.5°	94.6	94.5	94.2	93.8	94.2	94.5	94.6	94.5	94.2	93.7	93.1
-60°	88.1	88.1	87.8	87.4	87.8	88.1	88.1	88.0	87.7	87.3	86.6
-62.5°	80.7	80.7	80.5	80.1	80.5	80.7	80.7	80.5	80.2	79.6	79.0
-65°	71.8	71.7	71.8	71.9	71.8	71.7	71.8	71.7	71.5	71.1	70.5
-67.5°	63.6	63.5	63.2	62.8	63.2	63.5	63.6	63.5	63.3	62.8	62.0
-70°	55.2	55.2	55.0	54.6	55.0	55.2	55.2	55.0	54.7	54.3	53.7
-72.5°	46.4	46.2	46.3	46.4	46.3	46.2	46.4	46.5	46.5	46.3	45.9
-75°	38.3	38.0	38.1	38.2	38.1	38.0	38.3	38.5	38.5	38.4	38.1
-77.5°	30.1	29.9	29.5	29.1	29.5	29.9	30.1	30.3	30.4	30.4	30.0
-80°	21.9	21.8	21.4	20.9	21.4	21.8	21.9	21.9	21.9	21.8	21.6
-82.5°	14.7	14.5	14.6	14.6	14.6	14.5	14.7	14.8	14.8	14.8	14.6
-85°	8.3	8.2	8.2	8.2	8.2	8.2	8.3	8.5	8.6	8.7	8.6
-87.5°	2.9	2.7	2.7	2.7	2.7	2.7	2.9	3.1	3.3	3.5	3.4
-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: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
85°	8.4	8.3	8.1	7.9	7.6	7.4	7.1	6.7	6.3	5.9	5.5
82.5°	14.3	14.0	13.7	13.3	12.9	12.5	12.0	11.4	10.7	9.9	9.1
80°	21.4	21.0	20.6	19.8	19.0	18.3	17.5	16.7	15.9	15.1	14.2
77.5°	29.6	29.1	28.4	27.2	26.0	24.7	23.5	22.5	21.5	20.4	19.3
75°	37.6	37.0	36.2	34.9	33.4	31.7	30.1	28.9	27.5	26.1	24.6
72.5°	45.3	44.6	43.7	42.6	41.3	39.8	37.9	35.8	33.9	32.0	30.3
70°	52.9	52.1	51.2	50.1	48.8	47.4	45.5	43.2	40.6	38.0	36.1
67.5°	61.0	59.9	58.9	58.0	56.8	55.3	53.2	50.8	48.2	45.3	42.5
65°	69.6	68.4	67.2	66.1	64.8	63.3	61.1	58.5	55.7	52.7	49.6
62.5°	78.2	77.3	76.0	74.3	72.6	70.8	68.7	66.2	63.1	59.7	56.3
60°	85.8	84.8	83.2	81.6	80.0	78.0	75.3	72.9	70.9	67.0	63.0
57.5°	92.4	91.2	89.4	87.6	86.1	83.7	80.9	78.3	75.6	72.9	69.4
55°	97.6	96.3	94.7	92.7	90.6	88.4	85.9	83.0	80.2	77.7	74.5
52.5°	102.6	101.4	99.8	97.9	95.6	93.0	90.2	87.4	84.8	82.3	79.4
50°	108.5	106.9	105.1	103.1	100.6	97.8	94.9	91.8	89.1	86.6	83.8
47.5°	115.7	113.4	110.8	108.4	105.7	102.6	99.5	96.4	93.4	90.4	87.7
45°	124.3	121.1	117.8	114.6	111.1	107.7	104.1	100.9	97.7	94.4	91.1
42.5°	135.2	130.4	126.1	121.8	117.4	113.3	109.2	105.5	101.9	98.4	94.7
40°	148.5	142.1	136.4	130.1	124.6	119.4	114.7	110.0	106.0	102.2	98.2
37.5°	165.0	156.6	148.7	140.5	133.3	126.4	120.5	115.1	110.0	105.8	101.6
35°	186.1	174.7	163.3	153.1	143.3	134.8	127.0	120.5	114.7	109.3	104.8
32.5°	214.5	198.4	181.2	168.0	155.1	143.9	134.6	126.4	119.4	113.3	107.9
30°	256.4	230.0	206.4	185.4	169.1	154.7	142.4	133.0	124.6	117.4	111.1
27.5°	316.3	271.0	239.1	208.3	184.4	167.0	152.2	139.7	129.9	121.8	114.6
25°	401.4	332.6	277.2	236.9	204.5	179.7	162.3	147.8	135.9	126.0	117.3
22.5°	517.9	413.8	328.7	267.7	227.7	196.8	173.4	155.9	141.3	129.7	120.3
20°	689.4	510.6	395.4	311.7	253.7	213.2	184.9	164.3	147.4	133.6	122.9
17.5°	892.8	644.9	468.3	356.6	284.1	234.3	198.2	172.0	153.0	137.0	125.0
15°	1109.7	797.1	570.3	416.6	315.2	252.3	209.2	178.8	158.3	140.8	127.6
12.5°	1386.7	961.1	659.7	466.7	345.8	271.9	222.1	187.5	163.5	144.8	130.4
10°	1648.7	1132.2	768.6	532.7	383.1	291.2	233.5	194.2	167.5	148.0	132.6
7.5°	1896.2	1296.7	862.7	583.0	411.8	306.5	242.0	199.0	170.3	150.2	134.3
5°	2077.6	1419.1	936.3	621.7	432.2	317.6	247.5	202.0	172.1	151.6	135.5
2.5°	2215.6	1500.1	981.1	644.4	443.8	324.2	250.7	204.3	173.7	152.6	136.8
0°	2279.0	1531.5	996.1	656.5	450.7	326.0	252.2	205.8	174.8	153.0	137.5
-2.5°	2215.6	1500.1	981.1	644.4	443.8	324.2	250.7	204.3	173.7	152.6	136.8
-5°	2077.6	1419.1	936.3	621.7	432.2	317.6	247.5	202.0	172.1	151.6	135.5
-7.5°	1896.2	1296.7	862.7	583.0	411.8	306.5	242.0	199.0	170.3	150.2	134.3
-10°	1648.7	1132.2	768.6	532.7	383.1	291.2	233.5	194.2	167.5	148.0	132.6
-12.5°	1386.7	961.1	659.7	466.7	345.8	271.9	222.1	187.5	163.5	144.8	130.4
-15°	1109.7	797.1	570.3	416.6	315.2	252.3	209.2	178.8	158.3	140.8	127.6
-17.5°	892.8	644.9	468.3	356.6	284.1	234.3	198.2	172.0	153.0	137.0	125.0
-20°	689.4	510.6	395.4	311.7	253.7	213.2	184.9	164.3	147.4	133.6	122.9



Classified

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

Scaled Data Report



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	517.9	413.8	328.7	267.7	227.7	196.8	173.4	155.9	141.3	129.7	120.3
-25°	401.4	332.6	277.2	236.9	204.5	179.7	162.3	147.8	135.9	126.0	117.3
-27.5°	316.3	271.0	239.1	208.3	184.4	167.0	152.2	139.7	129.9	121.8	114.6
-30°	256.4	230.0	206.4	185.4	169.1	154.7	142.4	133.0	124.6	117.4	111.1
-32.5°	214.5	198.4	181.2	168.0	155.1	143.9	134.6	126.4	119.4	113.3	107.9
-35°	186.1	174.7	163.3	153.1	143.3	134.8	127.0	120.5	114.7	109.3	104.8
-37.5°	165.0	156.6	148.7	140.5	133.3	126.4	120.5	115.1	110.0	105.8	101.6
-40°	148.5	142.1	136.4	130.1	124.6	119.4	114.7	110.0	106.0	102.2	98.2
-42.5°	135.2	130.4	126.1	121.8	117.4	113.3	109.2	105.5	101.9	98.4	94.7
-45°	124.3	121.1	117.8	114.6	111.1	107.7	104.1	100.9	97.7	94.4	91.1
-47.5°	115.7	113.4	110.8	108.4	105.7	102.6	99.5	96.4	93.4	90.4	87.7
-50°	108.5	106.9	105.1	103.1	100.6	97.8	94.9	91.8	89.1	86.6	83.8
-52.5°	102.6	101.4	99.8	97.9	95.6	93.0	90.2	87.4	84.8	82.3	79.4
-55°	97.6	96.3	94.7	92.7	90.6	88.4	85.9	83.0	80.2	77.7	74.5
-57.5°	92.4	91.2	89.4	87.6	86.1	83.7	80.9	78.3	75.6	72.9	69.4
-60°	85.8	84.8	83.2	81.6	80.0	78.0	75.3	72.9	70.9	67.0	63.0
-62.5°	78.2	77.3	76.0	74.3	72.6	70.8	68.7	66.2	63.1	59.7	56.3
-65°	69.6	68.4	67.2	66.1	64.8	63.3	61.1	58.5	55.7	52.7	49.6
-67.5°	61.0	59.9	58.9	58.0	56.8	55.3	53.2	50.8	48.2	45.3	42.5
-70°	52.9	52.1	51.2	50.1	48.8	47.4	45.5	43.2	40.6	38.0	36.1
-72.5°	45.3	44.6	43.7	42.6	41.3	39.8	37.9	35.8	33.9	32.0	30.3
-75°	37.6	37.0	36.2	34.9	33.4	31.7	30.1	28.9	27.5	26.1	24.6
-77.5°	29.6	29.1	28.4	27.2	26.0	24.7	23.5	22.5	21.5	20.4	19.3
-80°	21.4	21.0	20.6	19.8	19.0	18.3	17.5	16.7	15.9	15.1	14.2
-82.5°	14.3	14.0	13.7	13.3	12.9	12.5	12.0	11.4	10.7	9.9	9.1
-85°	8.4	8.3	8.1	7.9	7.6	7.4	7.1	6.7	6.3	5.9	5.5
-87.5°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	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





REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-730-U-NR-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°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
85°	5.3	5.0	4.7	4.4	4.0	3.6	3.3	3.0	2.8	2.5	2.2
82.5°	8.6	8.3	8.0	7.5	6.9	6.3	5.7	5.1	4.4	3.7	3.2
80°	13.4	12.5	11.7	10.9	10.0	9.1	8.2	7.4	6.5	5.6	4.7
77.5°	18.2	17.0	15.7	14.6	13.4	12.2	11.0	9.7	8.6	7.4	6.3
75°	23.0	21.6	20.1	18.5	16.9	15.3	13.9	12.4	10.9	9.3	7.9
72.5°	28.4	26.6	24.6	22.6	20.8	18.9	16.9	15.0	13.2	11.4	9.6
70°	34.1	31.8	29.4	27.2	24.8	22.4	20.1	17.9	15.6	13.5	11.4
67.5°	40.0	37.6	34.9	31.9	29.2	26.4	23.4	20.8	18.2	15.6	13.2
65°	46.5	43.5	40.6	37.2	33.8	30.6	27.3	23.8	20.8	17.9	15.0
62.5°	52.8	49.2	45.8	42.3	38.6	34.9	31.2	27.2	23.4	20.1	16.9
60°	59.1	55.1	50.8	46.8	43.0	39.1	34.9	30.6	26.4	22.4	18.9
57.5°	65.0	60.8	56.0	51.4	47.0	42.9	38.5	33.8	29.2	24.8	20.7
55°	70.6	65.9	60.9	55.8	51.0	46.5	41.9	36.9	31.9	27.2	22.6
52.5°	75.7	70.8	65.5	60.1	54.8	49.9	45.0	39.8	34.6	29.5	24.5
50°	80.4	75.7	70.0	64.2	58.4	53.2	48.1	42.7	37.1	31.7	26.4
47.5°	84.6	80.0	74.6	68.3	62.1	56.5	51.2	45.5	39.5	33.8	28.3
45°	88.0	84.1	78.8	72.5	65.9	60.0	54.1	48.2	42.0	35.8	30.0
42.5°	91.1	87.5	82.7	76.6	69.7	63.3	57.1	50.8	44.3	37.8	31.7
40°	94.3	90.5	86.3	80.2	73.4	66.6	60.0	53.4	46.6	39.7	33.3
37.5°	97.2	93.3	89.1	83.5	76.6	69.6	62.8	55.9	48.8	41.6	34.9
35°	100.2	95.8	91.5	86.2	79.5	72.4	65.5	58.3	50.8	43.4	36.3
32.5°	103.1	98.2	93.5	88.3	82.1	74.9	67.9	60.4	52.7	45.0	37.6
30°	105.8	100.4	95.5	90.3	84.3	77.1	69.9	62.3	54.4	46.5	38.9
27.5°	107.9	102.2	97.3	92.1	86.0	79.0	71.7	64.0	56.0	47.8	40.1
25°	110.0	103.9	98.8	93.7	87.6	81.0	73.3	65.5	57.5	49.1	41.2
22.5°	112.3	105.5	100.0	95.2	89.3	82.9	74.9	66.8	58.7	50.3	42.2
20°	114.3	106.8	100.8	96.4	90.7	84.3	76.4	68.0	59.7	51.3	43.0
17.5°	116.1	108.3	102.0	97.2	91.7	85.5	77.8	69.0	60.6	52.2	43.7
15°	118.0	109.8	103.0	97.7	92.6	86.5	79.0	69.9	61.3	53.0	44.4
12.5°	119.7	111.0	103.8	98.2	93.2	87.4	80.1	70.7	61.9	53.6	45.0
10°	121.1	112.0	104.4	98.5	93.7	88.0	81.1	71.4	62.5	54.1	45.5
7.5°	122.2	112.7	104.8	98.6	94.0	88.5	81.9	72.2	63.0	54.5	45.9
5°	123.0	113.2	105.4	99.2	94.4	88.9	82.5	72.9	63.4	54.7	46.2
2.5°	123.6	113.7	106.0	99.8	94.6	89.1	82.8	73.5	63.6	54.7	46.3
0°	123.8	113.8	106.5	100.2	94.7	89.2	82.9	73.8	63.7	54.6	46.4
-2.5°	123.6	113.7	106.0	99.8	94.6	89.1	82.8	73.5	63.6	54.7	46.3
-5°	123.0	113.2	105.4	99.2	94.4	88.9	82.5	72.9	63.4	54.7	46.2
-7.5°	122.2	112.7	104.8	98.6	94.0	88.5	81.9	72.2	63.0	54.5	45.9
-10°	121.1	112.0	104.4	98.5	93.7	88.0	81.1	71.4	62.5	54.1	45.5
-12.5°	119.7	111.0	103.8	98.2	93.2	87.4	80.1	70.7	61.9	53.6	45.0
-15°	118.0	109.8	103.0	97.7	92.6	86.5	79.0	69.9	61.3	53.0	44.4
-17.5°	116.1	108.3	102.0	97.2	91.7	85.5	77.8	69.0	60.6	52.2	43.7
-20°	114.3	106.8	100.8	96.4	90.7	84.3	76.4	68.0	59.7	51.3	43.0

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Scaled Data Report



REPORT NUMBER: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	112.3	105.5	100.0	95.2	89.3	82.9	74.9	66.8	58.7	50.3	42.2
-25°	110.0	103.9	98.8	93.7	87.6	81.0	73.3	65.5	57.5	49.1	41.2
-27.5°	107.9	102.2	97.3	92.1	86.0	79.0	71.7	64.0	56.0	47.8	40.1
-30°	105.8	100.4	95.5	90.3	84.3	77.1	69.9	62.3	54.4	46.5	38.9
-32.5°	103.1	98.2	93.5	88.3	82.1	74.9	67.9	60.4	52.7	45.0	37.6
-35°	100.2	95.8	91.5	86.2	79.5	72.4	65.5	58.3	50.8	43.4	36.3
-37.5°	97.2	93.3	89.1	83.5	76.6	69.6	62.8	55.9	48.8	41.6	34.9
-40°	94.3	90.5	86.3	80.2	73.4	66.6	60.0	53.4	46.6	39.7	33.3
-42.5°	91.1	87.5	82.7	76.6	69.7	63.3	57.1	50.8	44.3	37.8	31.7
-45°	88.0	84.1	78.8	72.5	65.9	60.0	54.1	48.2	42.0	35.8	30.0
-47.5°	84.6	80.0	74.6	68.3	62.1	56.5	51.2	45.5	39.5	33.8	28.3
-50°	80.4	75.7	70.0	64.2	58.4	53.2	48.1	42.7	37.1	31.7	26.4
-52.5°	75.7	70.8	65.5	60.1	54.8	49.9	45.0	39.8	34.6	29.5	24.5
-55°	70.6	65.9	60.9	55.8	51.0	46.5	41.9	36.9	31.9	27.2	22.6
-57.5°	65.0	60.8	56.0	51.4	47.0	42.9	38.5	33.8	29.2	24.8	20.7
-60°	59.1	55.1	50.8	46.8	43.0	39.1	34.9	30.6	26.4	22.4	18.9
-62.5°	52.8	49.2	45.8	42.3	38.6	34.9	31.2	27.2	23.4	20.1	16.9
-65°	46.5	43.5	40.6	37.2	33.8	30.6	27.3	23.8	20.8	17.9	15.0
-67.5°	40.0	37.6	34.9	31.9	29.2	26.4	23.4	20.8	18.2	15.6	13.2
-70°	34.1	31.8	29.4	27.2	24.8	22.4	20.1	17.9	15.6	13.5	11.4
-72.5°	28.4	26.6	24.6	22.6	20.8	18.9	16.9	15.0	13.2	11.4	9.6
-75°	23.0	21.6	20.1	18.5	16.9	15.3	13.9	12.4	10.9	9.3	7.9
-77.5°	18.2	17.0	15.7	14.6	13.4	12.2	11.0	9.7	8.6	7.4	6.3
-80°	13.4	12.5	11.7	10.9	10.0	9.1	8.2	7.4	6.5	5.6	4.7
-82.5°	8.6	8.3	8.0	7.5	6.9	6.3	5.7	5.1	4.4	3.7	3.2
-85°	5.3	5.0	4.7	4.4	4.0	3.6	3.3	3.0	2.8	2.5	2.2
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
-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: P626609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
82.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
80°	3.8	3.1	2.5	1.9	1.2	0.5	0.0
77.5°	5.2	4.0	3.1	2.3	1.5	0.7	0.0
75°	6.5	5.1	3.8	2.8	1.8	0.8	0.0
72.5°	7.9	6.2	4.6	3.2	2.1	0.9	0.0
70°	9.2	7.2	5.4	3.7	2.4	1.1	0.0
67.5°	10.8	8.3	6.2	4.3	2.7	1.2	0.0
65°	12.3	9.4	7.0	4.9	3.0	1.3	0.0
62.5°	13.7	10.6	7.8	5.4	3.2	1.4	0.0
60°	15.2	11.8	8.5	6.0	3.5	1.5	0.0
57.5°	16.7	13.0	9.4	6.5	3.8	1.7	0.0
55°	18.3	14.1	10.3	7.0	4.1	1.8	0.0
52.5°	19.8	15.3	11.2	7.5	4.5	1.9	0.0
50°	21.3	16.5	12.0	7.9	4.8	2.0	0.0
47.5°	22.7	17.6	12.9	8.4	5.1	2.0	0.0
45°	24.2	18.8	13.6	9.0	5.3	2.1	0.0
42.5°	25.6	19.8	14.4	9.5	5.6	2.2	0.0
40°	27.0	20.8	15.2	10.1	5.9	2.3	0.0
37.5°	28.3	21.8	15.9	10.6	6.1	2.4	0.0
35°	29.5	22.8	16.6	11.1	6.4	2.4	0.0
32.5°	30.7	23.7	17.3	11.6	6.6	2.5	0.0
30°	31.7	24.6	18.0	12.0	6.8	2.5	0.0
27.5°	32.7	25.4	18.6	12.4	7.0	2.6	0.0
25°	33.6	26.2	19.1	12.8	7.2	2.6	0.0
22.5°	34.5	26.9	19.7	13.1	7.4	2.7	0.0
20°	35.2	27.4	20.1	13.4	7.6	2.7	0.0
17.5°	35.8	27.9	20.5	13.7	7.7	2.7	0.0
15°	36.3	28.3	20.9	13.9	7.8	2.7	0.0
12.5°	36.7	28.7	21.2	14.1	7.9	2.7	0.0
10°	37.0	28.9	21.5	14.3	8.0	2.7	0.0
7.5°	37.2	29.1	21.6	14.4	8.1	2.7	0.0
5°	37.3	29.2	21.8	14.5	8.2	2.7	0.0
2.5°	37.4	29.2	21.9	14.6	8.2	2.7	0.0
0°	37.3	29.1	21.9	14.6	8.2	2.7	0.0
-2.5°	37.4	29.2	21.9	14.6	8.2	2.7	0.0
-5°	37.3	29.2	21.8	14.5	8.2	2.7	0.0
-7.5°	37.2	29.1	21.6	14.4	8.1	2.7	0.0
-10°	37.0	28.9	21.5	14.3	8.0	2.7	0.0
-12.5°	36.7	28.7	21.2	14.1	7.9	2.7	0.0
-15°	36.3	28.3	20.9	13.9	7.8	2.7	0.0
-17.5°	35.8	27.9	20.5	13.7	7.7	2.7	0.0
-20°	35.2	27.4	20.1	13.4	7.6	2.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.5	26.9	19.7	13.1	7.4	2.7	0.0
-25°	33.6	26.2	19.1	12.8	7.2	2.6	0.0
-27.5°	32.7	25.4	18.6	12.4	7.0	2.6	0.0
-30°	31.7	24.6	18.0	12.0	6.8	2.5	0.0
-32.5°	30.7	23.7	17.3	11.6	6.6	2.5	0.0
-35°	29.5	22.8	16.6	11.1	6.4	2.4	0.0
-37.5°	28.3	21.8	15.9	10.6	6.1	2.4	0.0
-40°	27.0	20.8	15.2	10.1	5.9	2.3	0.0
-42.5°	25.6	19.8	14.4	9.5	5.6	2.2	0.0
-45°	24.2	18.8	13.6	9.0	5.3	2.1	0.0
-47.5°	22.7	17.6	12.9	8.4	5.1	2.0	0.0
-50°	21.3	16.5	12.0	7.9	4.8	2.0	0.0
-52.5°	19.8	15.3	11.2	7.5	4.5	1.9	0.0
-55°	18.3	14.1	10.3	7.0	4.1	1.8	0.0
-57.5°	16.7	13.0	9.4	6.5	3.8	1.7	0.0
-60°	15.2	11.8	8.5	6.0	3.5	1.5	0.0
-62.5°	13.7	10.6	7.8	5.4	3.2	1.4	0.0
-65°	12.3	9.4	7.0	4.9	3.0	1.3	0.0
-67.5°	10.8	8.3	6.2	4.3	2.7	1.2	0.0
-70°	9.2	7.2	5.4	3.7	2.4	1.1	0.0
-72.5°	7.9	6.2	4.6	3.2	2.1	0.9	0.0
-75°	6.5	5.1	3.8	2.8	1.8	0.8	0.0
-77.5°	5.2	4.0	3.1	2.3	1.5	0.7	0.0
-80°	3.8	3.1	2.5	1.9	1.2	0.5	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.4	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)