

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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626599 (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-727-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N9
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

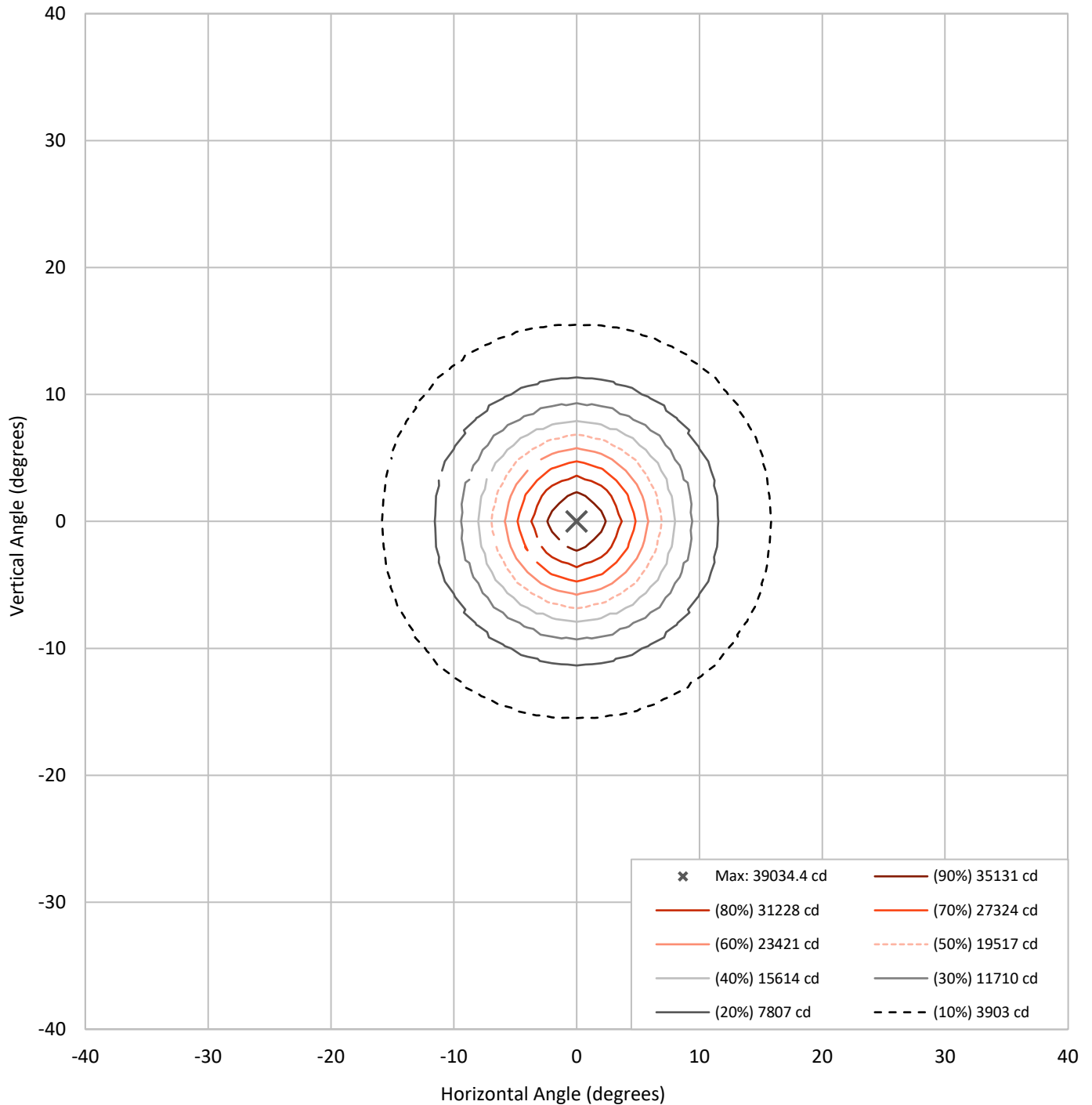
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4144.9 lumens	Max Intensity:	39034.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.7 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:	1225.5 lumens	Field Lumens:	2757.8 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		



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





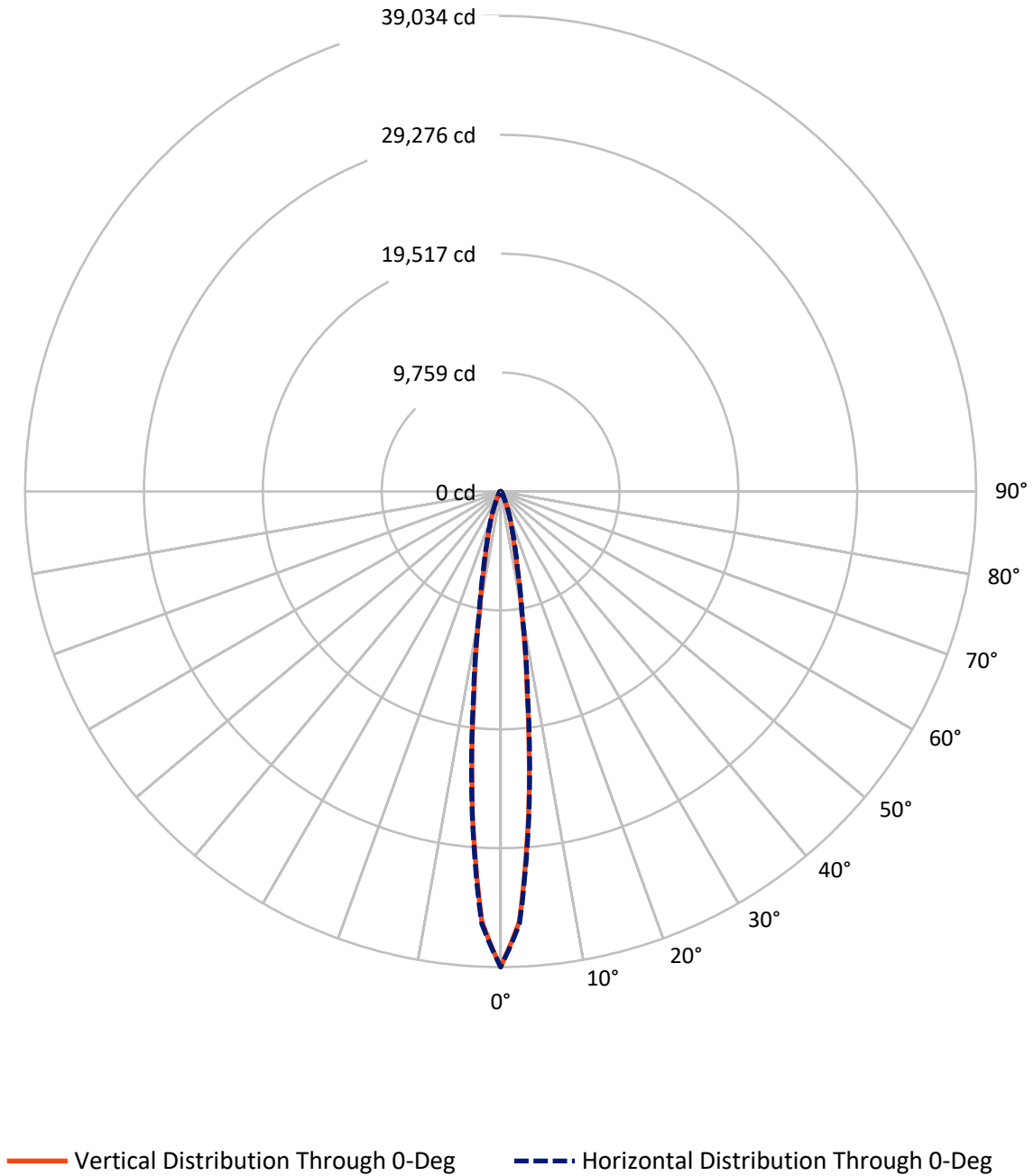
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Lumen Table

90	0.1	0.6	1.5	2.4	2.6	2.4	1.5	0.6	0.1										
80	0.1	0.6	1.5	2.4	2.6	2.4	1.5	0.6	0.1										
70	0.3	0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3	0.3			
60		0.4	0.9	1.5	2.0	2.4	2.7	2.8	2.8	2.7	2.4	2.0	1.5	0.9	0.4				
50	0.5	0.6	1.2	1.8	2.4	3.0	3.5	3.8	3.8	3.5	3.0	2.4	1.8	1.2	0.6	0.5			
40		0.7	1.4	2.1	2.9	4.2	6.0	7.4	7.4	6.0	4.2	2.9	2.1	1.4	0.7				
30	0.6	0.8	1.5	2.3	3.8	7.6	17.2	28.5	28.5	17.2	7.6	3.8	2.3	1.5	0.8	0.6			
20		0.8	1.6	2.6	5.1	16.1	57.1	123.0	123.0	57.1	16.1	5.1	2.6	1.6	0.8				
10	0.6	0.9	1.6	2.7	6.1	26.5	124.1	536.2	536.2	124.1	26.5	6.1	2.7	1.6	0.9	0.6			
0		0.9	1.6	2.7	6.1	26.5	124.1	536.2	536.2	124.1	26.5	6.1	2.7	1.6	0.9				
-10	0.6	0.8	1.6	2.6	5.1	16.1	57.1	123.0	123.0	57.1	16.1	5.1	2.6	1.6	0.8	0.6			
-20		0.8	1.5	2.3	3.8	7.6	17.2	28.5	28.5	17.2	7.6	3.8	2.3	1.5	0.8				
-30	0.5	0.7	1.4	2.1	2.9	4.2	6.0	7.4	7.4	6.0	4.2	2.9	2.1	1.4	0.7	0.5			
-40		0.6	1.2	1.8	2.4	3.0	3.5	3.8	3.8	3.5	3.0	2.4	1.8	1.2	0.6				
-50	0.3	0.4	0.9	1.5	2.0	2.4	2.7	2.8	2.8	2.7	2.4	2.0	1.5	0.9	0.4	0.3			
-60		0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.7	1.4	1.0	0.6	0.3				
-70	0.1	0.6	1.5	2.4	2.6	2.4	1.5	0.6	0.1							0.1			
-80		0.6	1.5	2.4	2.6	2.4	1.5	0.6	0.1										
-90	0.1	0.6	1.5	2.4	2.6	2.4	1.5	0.6	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

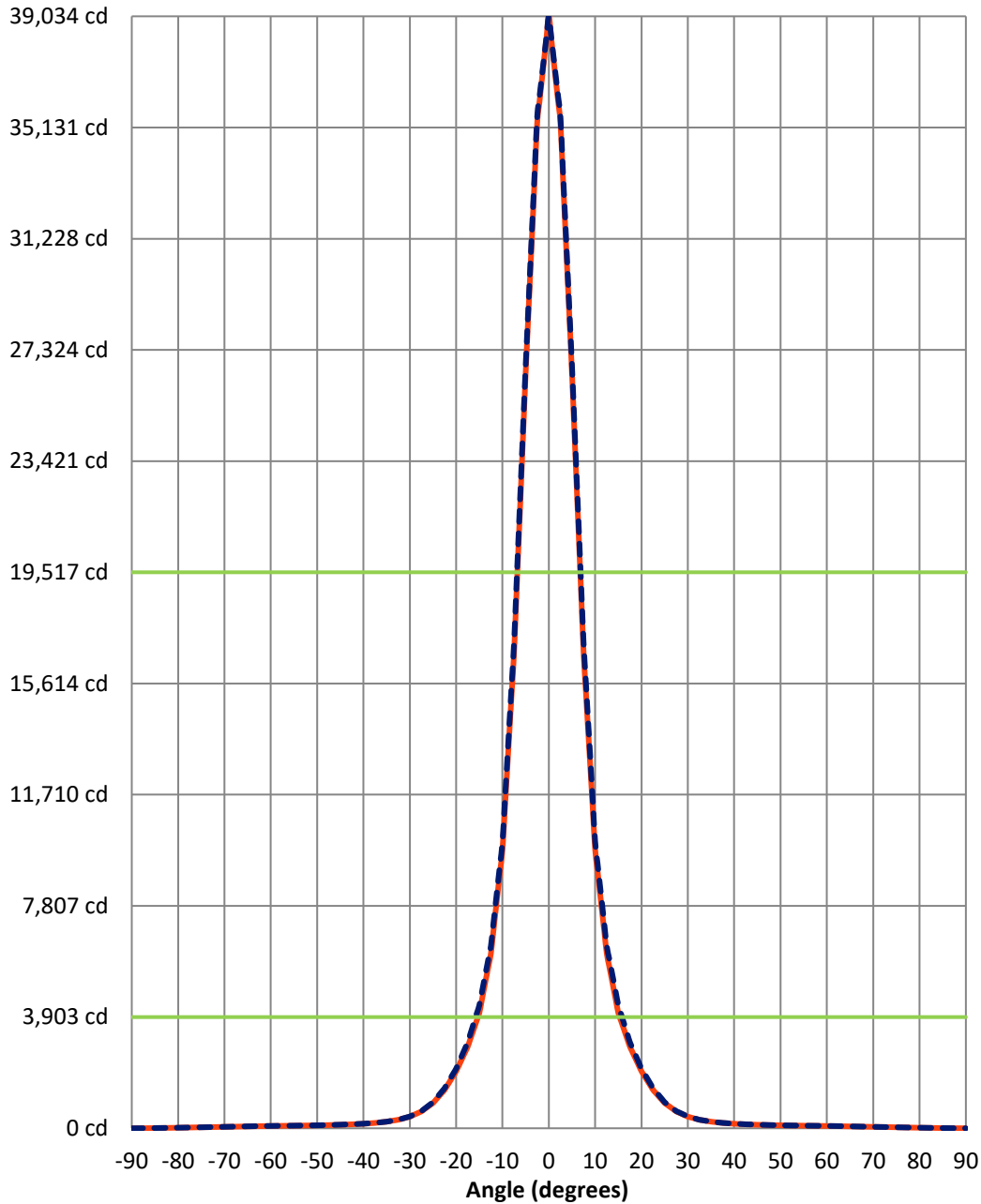
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 1225.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 2757.8
 Efficiency: 66.5%

Spill:
 Lumens: 1387.1
 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	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.0	4.7
80°	0.0	0.5	1.1	1.7	2.3	2.8	3.5	4.3	5.1	6.0	6.8
77.5°	0.0	0.6	1.4	2.1	2.8	3.7	4.7	5.8	6.9	7.9	9.0
75°	0.0	0.7	1.7	2.6	3.4	4.7	6.0	7.3	8.6	10.0	11.4
72.5°	0.0	0.9	2.0	3.0	4.2	5.7	7.3	8.8	10.5	12.1	13.7
70°	0.0	1.0	2.2	3.4	5.0	6.7	8.5	10.5	12.4	14.3	16.4
67.5°	0.0	1.1	2.5	3.9	5.7	7.6	9.9	12.1	14.3	16.7	19.0
65°	0.0	1.2	2.7	4.5	6.4	8.7	11.3	13.7	16.4	19.0	21.8
62.5°	0.0	1.3	3.0	5.0	7.1	9.8	12.6	15.5	18.5	21.5	25.0
60°	0.0	1.4	3.2	5.5	7.8	10.9	13.9	17.3	20.5	24.2	28.1
57.5°	0.0	1.5	3.5	5.9	8.6	11.9	15.3	19.0	22.7	26.8	31.0
55°	0.0	1.6	3.8	6.4	9.5	13.0	16.8	20.7	24.9	29.3	33.8
52.5°	0.0	1.7	4.1	6.8	10.3	14.0	18.2	22.5	27.0	31.7	36.6
50°	0.0	1.8	4.4	7.2	11.1	15.1	19.5	24.2	29.1	34.1	39.2
47.5°	0.0	1.9	4.6	7.7	11.8	16.2	20.8	25.9	31.0	36.3	41.7
45°	0.0	2.0	4.9	8.2	12.5	17.2	22.2	27.5	32.9	38.5	44.2
42.5°	0.0	2.0	5.2	8.7	13.2	18.2	23.5	29.1	34.7	40.7	46.7
40°	0.0	2.1	5.4	9.2	13.9	19.1	24.8	30.6	36.5	42.8	49.0
37.5°	0.0	2.2	5.6	9.7	14.6	20.0	26.0	32.0	38.2	44.7	51.3
35°	0.0	2.2	5.9	10.2	15.3	20.9	27.1	33.3	39.8	46.6	53.6
32.5°	0.0	2.3	6.1	10.6	15.9	21.8	28.2	34.6	41.3	48.4	55.5
30°	0.0	2.3	6.3	11.0	16.5	22.6	29.2	35.8	42.7	50.0	57.2
27.5°	0.0	2.4	6.5	11.4	17.0	23.4	30.1	36.9	44.0	51.5	58.8
25°	0.0	2.4	6.6	11.7	17.6	24.1	30.9	37.9	45.2	52.8	60.2
22.5°	0.0	2.5	6.8	12.0	18.0	24.7	31.7	38.8	46.2	53.9	61.4
20°	0.0	2.5	6.9	12.3	18.5	25.2	32.3	39.5	47.2	54.9	62.4
17.5°	0.0	2.5	7.1	12.6	18.8	25.7	32.9	40.2	48.0	55.7	63.4
15°	0.0	2.5	7.2	12.8	19.2	26.1	33.4	40.8	48.7	56.3	64.2
12.5°	0.0	2.5	7.3	13.0	19.5	26.4	33.7	41.4	49.3	56.8	64.9
10°	0.0	2.5	7.4	13.1	19.7	26.6	34.0	41.8	49.8	57.4	65.6
7.5°	0.0	2.5	7.4	13.2	19.9	26.8	34.2	42.2	50.1	57.9	66.4
5°	0.0	2.5	7.5	13.3	20.0	26.8	34.3	42.5	50.2	58.2	67.0
2.5°	0.0	2.5	7.5	13.4	20.1	26.9	34.4	42.6	50.3	58.4	67.4
0°	0.0	2.5	7.5	13.4	20.1	26.8	34.3	42.7	50.2	58.5	67.7
-2.5°	0.0	2.5	7.5	13.4	20.1	26.9	34.4	42.6	50.3	58.4	67.4
-5°	0.0	2.5	7.5	13.3	20.0	26.8	34.3	42.5	50.2	58.2	67.0
-7.5°	0.0	2.5	7.4	13.2	19.9	26.8	34.2	42.2	50.1	57.9	66.4
-10°	0.0	2.5	7.4	13.1	19.7	26.6	34.0	41.8	49.8	57.4	65.6
-12.5°	0.0	2.5	7.3	13.0	19.5	26.4	33.7	41.4	49.3	56.8	64.9
-15°	0.0	2.5	7.2	12.8	19.2	26.1	33.4	40.8	48.7	56.3	64.2
-17.5°	0.0	2.5	7.1	12.6	18.8	25.7	32.9	40.2	48.0	55.7	63.4
-20°	0.0	2.5	6.9	12.3	18.5	25.2	32.3	39.5	47.2	54.9	62.4

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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	2.5	6.8	12.0	18.0	24.7	31.7	38.8	46.2	53.9	61.4
-25°	0.0	2.4	6.6	11.7	17.6	24.1	30.9	37.9	45.2	52.8	60.2
-27.5°	0.0	2.4	6.5	11.4	17.0	23.4	30.1	36.9	44.0	51.5	58.8
-30°	0.0	2.3	6.3	11.0	16.5	22.6	29.2	35.8	42.7	50.0	57.2
-32.5°	0.0	2.3	6.1	10.6	15.9	21.8	28.2	34.6	41.3	48.4	55.5
-35°	0.0	2.2	5.9	10.2	15.3	20.9	27.1	33.3	39.8	46.6	53.6
-37.5°	0.0	2.2	5.6	9.7	14.6	20.0	26.0	32.0	38.2	44.7	51.3
-40°	0.0	2.1	5.4	9.2	13.9	19.1	24.8	30.6	36.5	42.8	49.0
-42.5°	0.0	2.0	5.2	8.7	13.2	18.2	23.5	29.1	34.7	40.7	46.7
-45°	0.0	2.0	4.9	8.2	12.5	17.2	22.2	27.5	32.9	38.5	44.2
-47.5°	0.0	1.9	4.6	7.7	11.8	16.2	20.8	25.9	31.0	36.3	41.7
-50°	0.0	1.8	4.4	7.2	11.1	15.1	19.5	24.2	29.1	34.1	39.2
-52.5°	0.0	1.7	4.1	6.8	10.3	14.0	18.2	22.5	27.0	31.7	36.6
-55°	0.0	1.6	3.8	6.4	9.5	13.0	16.8	20.7	24.9	29.3	33.8
-57.5°	0.0	1.5	3.5	5.9	8.6	11.9	15.3	19.0	22.7	26.8	31.0
-60°	0.0	1.4	3.2	5.5	7.8	10.9	13.9	17.3	20.5	24.2	28.1
-62.5°	0.0	1.3	3.0	5.0	7.1	9.8	12.6	15.5	18.5	21.5	25.0
-65°	0.0	1.2	2.7	4.5	6.4	8.7	11.3	13.7	16.4	19.0	21.8
-67.5°	0.0	1.1	2.5	3.9	5.7	7.6	9.9	12.1	14.3	16.7	19.0
-70°	0.0	1.0	2.2	3.4	5.0	6.7	8.5	10.5	12.4	14.3	16.4
-72.5°	0.0	0.9	2.0	3.0	4.2	5.7	7.3	8.8	10.5	12.1	13.7
-75°	0.0	0.7	1.7	2.6	3.4	4.7	6.0	7.3	8.6	10.0	11.4
-77.5°	0.0	0.6	1.4	2.1	2.8	3.7	4.7	5.8	6.9	7.9	9.0
-80°	0.0	0.5	1.1	1.7	2.3	2.8	3.5	4.3	5.1	6.0	6.8
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.0	4.7
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.7	4.0	4.4	4.6	4.9	5.0	5.4	5.8	6.2
82.5°	5.2	5.8	6.4	7.0	7.3	7.6	7.9	8.3	9.1	9.8	10.4
80°	7.6	8.4	9.2	10.1	10.8	11.5	12.2	13.0	13.8	14.6	15.3
77.5°	10.1	11.2	12.3	13.3	14.4	15.5	16.6	17.7	18.7	19.7	20.6
75°	12.7	14.1	15.5	17.0	18.4	19.8	21.1	22.5	23.9	25.2	26.4
72.5°	15.5	17.3	19.0	20.7	22.5	24.3	26.1	27.7	29.4	31.1	32.9
70°	18.5	20.5	22.8	24.9	27.0	29.1	31.2	33.1	34.9	37.2	39.6
67.5°	21.5	24.3	26.8	29.2	32.0	34.5	36.7	39.1	41.6	44.3	46.6
65°	25.1	28.1	31.0	34.1	37.3	39.9	42.7	45.6	48.4	51.1	53.7
62.5°	28.6	32.0	35.4	38.8	42.0	45.2	48.5	51.7	54.8	58.0	60.8
60°	32.0	35.8	39.4	43.0	46.7	50.6	54.3	57.8	61.6	65.1	67.0
57.5°	35.3	39.4	43.2	47.2	51.5	55.9	59.7	63.8	67.0	69.5	71.9
55°	38.4	42.7	46.8	51.3	56.0	60.6	64.8	68.4	71.4	73.7	76.2
52.5°	41.3	45.8	50.3	55.2	60.2	65.1	69.5	72.9	75.5	77.9	80.3
50°	44.2	48.9	53.6	59.0	64.3	69.5	73.9	77.0	79.5	81.9	84.3
47.5°	47.0	51.9	57.1	62.8	68.5	73.5	77.7	80.5	83.0	85.8	88.5
45°	49.7	55.1	60.5	66.6	72.4	77.2	80.7	83.6	86.7	89.7	92.6
42.5°	52.4	58.2	64.1	70.4	76.0	80.3	83.6	87.0	90.4	93.6	96.8
40°	55.1	61.2	67.4	73.7	79.3	83.1	86.6	90.2	93.9	97.4	101.0
37.5°	57.7	64.0	70.4	76.7	81.9	85.7	89.3	93.3	97.2	101.0	105.7
35°	60.2	66.5	73.0	79.1	84.1	88.0	92.1	96.2	100.4	105.3	110.7
32.5°	62.4	68.8	75.3	81.1	85.9	90.2	94.7	99.1	104.0	109.6	116.1
30°	64.2	70.8	77.4	83.0	87.7	92.2	97.1	102.0	107.7	114.4	122.1
27.5°	65.8	72.6	79.0	84.6	89.4	93.8	99.1	105.2	111.8	119.3	128.3
25°	67.4	74.4	80.5	86.1	90.7	95.4	101.0	107.7	115.7	124.8	135.8
22.5°	68.8	76.1	82.1	87.4	91.8	96.9	103.1	110.5	119.2	129.8	143.2
20°	70.2	77.4	83.3	88.5	92.6	98.1	105.0	112.9	122.7	135.4	150.9
17.5°	71.4	78.6	84.3	89.2	93.6	99.5	106.7	114.9	125.9	140.5	158.0
15°	72.6	79.5	85.1	89.8	94.6	100.9	108.4	117.3	129.3	145.4	164.3
12.5°	73.6	80.3	85.7	90.2	95.3	102.0	110.0	119.8	133.0	150.1	172.3
10°	74.4	80.9	86.1	90.5	95.9	102.9	111.2	121.8	135.9	153.8	178.4
7.5°	75.2	81.3	86.4	90.7	96.3	103.5	112.2	123.3	138.0	156.5	182.8
5°	75.7	81.7	86.7	91.2	96.8	104.0	113.0	124.4	139.2	158.0	185.6
2.5°	76.0	81.9	86.9	91.6	97.4	104.4	113.5	125.6	140.2	159.6	187.7
0°	76.1	82.0	87.0	92.0	97.8	104.5	113.7	126.3	140.5	160.6	189.0
-2.5°	76.0	81.9	86.9	91.6	97.4	104.4	113.5	125.6	140.2	159.6	187.7
-5°	75.7	81.7	86.7	91.2	96.8	104.0	113.0	124.4	139.2	158.0	185.6
-7.5°	75.2	81.3	86.4	90.7	96.3	103.5	112.2	123.3	138.0	156.5	182.8
-10°	74.4	80.9	86.1	90.5	95.9	102.9	111.2	121.8	135.9	153.8	178.4
-12.5°	73.6	80.3	85.7	90.2	95.3	102.0	110.0	119.8	133.0	150.1	172.3
-15°	72.6	79.5	85.1	89.8	94.6	100.9	108.4	117.3	129.3	145.4	164.3
-17.5°	71.4	78.6	84.3	89.2	93.6	99.5	106.7	114.9	125.9	140.5	158.0
-20°	70.2	77.4	83.3	88.5	92.6	98.1	105.0	112.9	122.7	135.4	150.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	68.8	76.1	82.1	87.4	91.8	96.9	103.1	110.5	119.2	129.8	143.2
-25°	67.4	74.4	80.5	86.1	90.7	95.4	101.0	107.7	115.7	124.8	135.8
-27.5°	65.8	72.6	79.0	84.6	89.4	93.8	99.1	105.2	111.8	119.3	128.3
-30°	64.2	70.8	77.4	83.0	87.7	92.2	97.1	102.0	107.7	114.4	122.1
-32.5°	62.4	68.8	75.3	81.1	85.9	90.2	94.7	99.1	104.0	109.6	116.1
-35°	60.2	66.5	73.0	79.1	84.1	88.0	92.1	96.2	100.4	105.3	110.7
-37.5°	57.7	64.0	70.4	76.7	81.9	85.7	89.3	93.3	97.2	101.0	105.7
-40°	55.1	61.2	67.4	73.7	79.3	83.1	86.6	90.2	93.9	97.4	101.0
-42.5°	52.4	58.2	64.1	70.4	76.0	80.3	83.6	87.0	90.4	93.6	96.8
-45°	49.7	55.1	60.5	66.6	72.4	77.2	80.7	83.6	86.7	89.7	92.6
-47.5°	47.0	51.9	57.1	62.8	68.5	73.5	77.7	80.5	83.0	85.8	88.5
-50°	44.2	48.9	53.6	59.0	64.3	69.5	73.9	77.0	79.5	81.9	84.3
-52.5°	41.3	45.8	50.3	55.2	60.2	65.1	69.5	72.9	75.5	77.9	80.3
-55°	38.4	42.7	46.8	51.3	56.0	60.6	64.8	68.4	71.4	73.7	76.2
-57.5°	35.3	39.4	43.2	47.2	51.5	55.9	59.7	63.8	67.0	69.5	71.9
-60°	32.0	35.8	39.4	43.0	46.7	50.6	54.3	57.8	61.6	65.1	67.0
-62.5°	28.6	32.0	35.4	38.8	42.0	45.2	48.5	51.7	54.8	58.0	60.8
-65°	25.1	28.1	31.0	34.1	37.3	39.9	42.7	45.6	48.4	51.1	53.7
-67.5°	21.5	24.3	26.8	29.2	32.0	34.5	36.7	39.1	41.6	44.3	46.6
-70°	18.5	20.5	22.8	24.9	27.0	29.1	31.2	33.1	34.9	37.2	39.6
-72.5°	15.5	17.3	19.0	20.7	22.5	24.3	26.1	27.7	29.4	31.1	32.9
-75°	12.7	14.1	15.5	17.0	18.4	19.8	21.1	22.5	23.9	25.2	26.4
-77.5°	10.1	11.2	12.3	13.3	14.4	15.5	16.6	17.7	18.7	19.7	20.6
-80°	7.6	8.4	9.2	10.1	10.8	11.5	12.2	13.0	13.8	14.6	15.3
-82.5°	5.2	5.8	6.4	7.0	7.3	7.6	7.9	8.3	9.1	9.8	10.4
-85°	3.0	3.3	3.7	4.0	4.4	4.6	4.9	5.0	5.4	5.8	6.2
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.0	2.9
85°	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	7.9	7.8
82.5°	11.0	11.5	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.6	13.5
80°	16.0	16.7	17.4	18.2	18.8	19.3	19.6	19.8	20.0	20.1	20.1
77.5°	21.5	22.6	23.8	24.9	26.0	26.7	27.2	27.6	27.9	27.9	27.9
75°	27.6	29.1	30.6	32.0	33.2	34.0	34.5	34.9	35.3	35.4	35.3
72.5°	34.7	36.5	37.9	39.1	40.1	40.9	41.5	42.1	42.5	42.7	42.7
70°	41.7	43.5	44.8	46.0	47.0	47.9	48.6	49.3	49.8	50.2	50.5
67.5°	48.8	50.8	52.2	53.3	54.1	55.0	56.0	56.9	57.6	58.1	58.3
65°	56.1	58.2	59.5	60.7	61.7	62.8	63.9	64.7	65.3	65.6	65.8
62.5°	63.1	65.1	66.7	68.3	69.8	71.1	71.8	72.5	73.1	73.6	73.9
60°	69.2	71.6	73.5	75.0	76.5	77.9	78.8	79.6	80.2	80.6	80.9
57.5°	74.3	76.8	79.0	80.5	82.1	83.8	84.9	85.5	86.1	86.6	86.8
55°	78.8	81.1	83.2	85.2	86.9	88.5	89.6	90.5	91.2	91.8	92.0
52.5°	82.9	85.4	87.8	89.9	91.6	93.1	94.3	95.3	96.2	96.7	97.0
50°	87.1	89.8	92.4	94.7	96.5	98.1	99.6	100.9	102.1	103.0	103.7
47.5°	91.3	94.2	97.0	99.6	101.8	104.1	106.2	108.0	109.8	111.2	112.1
45°	95.6	98.9	102.0	105.2	108.1	111.2	114.1	116.6	119.1	121.0	122.3
42.5°	100.3	104.0	107.7	111.8	115.8	119.8	124.1	128.0	131.0	133.8	136.1
40°	105.3	109.6	114.4	119.4	125.3	130.6	136.4	141.5	146.0	150.8	154.6
37.5°	110.7	116.1	122.4	129.1	136.7	144.0	151.6	159.1	165.6	173.3	179.2
35°	116.6	123.8	131.7	140.7	150.1	160.5	170.9	183.0	193.3	204.7	214.7
32.5°	123.6	132.2	142.5	154.4	166.5	182.3	197.0	216.2	232.8	250.9	269.1
30°	130.8	142.1	155.4	170.3	189.6	211.3	235.4	264.0	293.4	321.8	356.2
27.5°	139.8	153.4	169.4	191.3	219.6	248.9	290.5	333.4	387.4	432.1	495.2
25°	149.1	165.0	187.9	217.6	254.6	305.5	368.7	437.1	532.2	615.8	713.8
22.5°	159.2	180.8	209.2	245.9	301.9	380.1	475.7	604.6	744.9	893.8	1042.0
20°	169.8	195.8	233.0	286.3	363.2	469.1	633.2	832.1	1032.6	1278.4	1496.1
17.5°	182.0	215.2	261.0	327.6	430.2	592.4	820.1	1097.8	1408.8	1762.2	2076.0
15°	192.2	231.8	289.6	382.7	523.8	732.1	1019.3	1401.3	1868.7	2343.3	2824.8
12.5°	204.0	249.8	317.7	428.7	605.9	882.8	1273.7	1757.3	2340.9	2999.3	3775.4
10°	214.5	267.4	351.9	489.3	705.9	1039.9	1514.3	2096.1	2849.2	3796.5	4998.4
7.5°	222.3	281.5	378.3	535.5	792.4	1191.0	1741.7	2467.1	3424.2	4675.0	6324.5
5°	227.3	291.7	397.0	571.0	860.1	1303.4	1908.3	2730.3	3884.9	5654.0	8447.2
2.5°	230.4	297.7	407.6	591.9	901.2	1377.9	2035.1	2929.2	4183.5	6259.0	9812.5
0°	231.7	299.4	414.0	603.0	914.9	1406.7	2093.3	3020.0	4317.1	6400.4	10052.6
-2.5°	230.4	297.7	407.6	591.9	901.2	1377.9	2035.1	2929.2	4183.5	6259.0	9812.5
-5°	227.3	291.7	397.0	571.0	860.1	1303.4	1908.3	2730.3	3884.9	5654.0	8447.2
-7.5°	222.3	281.5	378.3	535.5	792.4	1191.0	1741.7	2467.1	3424.2	4675.0	6324.5
-10°	214.5	267.4	351.9	489.3	705.9	1039.9	1514.3	2096.1	2849.2	3796.5	4998.4
-12.5°	204.0	249.8	317.7	428.7	605.9	882.8	1273.7	1757.3	2340.9	2999.3	3775.4
-15°	192.2	231.8	289.6	382.7	523.8	732.1	1019.3	1401.3	1868.7	2343.3	2824.8
-17.5°	182.0	215.2	261.0	327.6	430.2	592.4	820.1	1097.8	1408.8	1762.2	2076.0
-20°	169.8	195.8	233.0	286.3	363.2	469.1	633.2	832.1	1032.6	1278.4	1496.1

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	159.2	180.8	209.2	245.9	301.9	380.1	475.7	604.6	744.9	893.8	1042.0
-25°	149.1	165.0	187.9	217.6	254.6	305.5	368.7	437.1	532.2	615.8	713.8
-27.5°	139.8	153.4	169.4	191.3	219.6	248.9	290.5	333.4	387.4	432.1	495.2
-30°	130.8	142.1	155.4	170.3	189.6	211.3	235.4	264.0	293.4	321.8	356.2
-32.5°	123.6	132.2	142.5	154.4	166.5	182.3	197.0	216.2	232.8	250.9	269.1
-35°	116.6	123.8	131.7	140.7	150.1	160.5	170.9	183.0	193.3	204.7	214.7
-37.5°	110.7	116.1	122.4	129.1	136.7	144.0	151.6	159.1	165.6	173.3	179.2
-40°	105.3	109.6	114.4	119.4	125.3	130.6	136.4	141.5	146.0	150.8	154.6
-42.5°	100.3	104.0	107.7	111.8	115.8	119.8	124.1	128.0	131.0	133.8	136.1
-45°	95.6	98.9	102.0	105.2	108.1	111.2	114.1	116.6	119.1	121.0	122.3
-47.5°	91.3	94.2	97.0	99.6	101.8	104.1	106.2	108.0	109.8	111.2	112.1
-50°	87.1	89.8	92.4	94.7	96.5	98.1	99.6	100.9	102.1	103.0	103.7
-52.5°	82.9	85.4	87.8	89.9	91.6	93.1	94.3	95.3	96.2	96.7	97.0
-55°	78.8	81.1	83.2	85.2	86.9	88.5	89.6	90.5	91.2	91.8	92.0
-57.5°	74.3	76.8	79.0	80.5	82.1	83.8	84.9	85.5	86.1	86.6	86.8
-60°	69.2	71.6	73.5	75.0	76.5	77.9	78.8	79.6	80.2	80.6	80.9
-62.5°	63.1	65.1	66.7	68.3	69.8	71.1	71.8	72.5	73.1	73.6	73.9
-65°	56.1	58.2	59.5	60.7	61.7	62.8	63.9	64.7	65.3	65.6	65.8
-67.5°	48.8	50.8	52.2	53.3	54.1	55.0	56.0	56.9	57.6	58.1	58.3
-70°	41.7	43.5	44.8	46.0	47.0	47.9	48.6	49.3	49.8	50.2	50.5
-72.5°	34.7	36.5	37.9	39.1	40.1	40.9	41.5	42.1	42.5	42.7	42.7
-75°	27.6	29.1	30.6	32.0	33.2	34.0	34.5	34.9	35.3	35.4	35.3
-77.5°	21.5	22.6	23.8	24.9	26.0	26.7	27.2	27.6	27.9	27.9	27.9
-80°	16.0	16.7	17.4	18.2	18.8	19.3	19.6	19.8	20.0	20.1	20.1
-82.5°	11.0	11.5	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.6	13.5
-85°	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	7.9	7.8
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.0	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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-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°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0	3.2	3.1
85°	7.6	7.5	7.5	7.5	7.5	7.5	7.6	7.8	7.9	8.1	7.9
82.5°	13.5	13.3	13.4	13.4	13.4	13.3	13.5	13.5	13.6	13.6	13.4
80°	20.1	20.0	19.6	19.2	19.6	20.0	20.1	20.1	20.1	20.0	19.8
77.5°	27.7	27.5	27.2	26.8	27.2	27.5	27.7	27.9	27.9	27.9	27.6
75°	35.2	35.0	35.1	35.1	35.1	35.0	35.2	35.3	35.4	35.3	34.9
72.5°	42.7	42.5	42.6	42.7	42.6	42.5	42.7	42.7	42.7	42.5	42.1
70°	50.7	50.8	50.6	50.2	50.6	50.8	50.7	50.5	50.2	49.8	49.3
67.5°	58.4	58.3	58.1	57.7	58.1	58.3	58.4	58.3	58.1	57.6	56.9
65°	65.9	65.9	66.0	66.1	66.0	65.9	65.9	65.8	65.6	65.3	64.7
62.5°	74.1	74.1	74.0	73.6	74.0	74.1	74.1	73.9	73.6	73.1	72.5
60°	81.0	80.9	80.7	80.3	80.7	80.9	81.0	80.9	80.6	80.2	79.6
57.5°	86.9	86.8	86.6	86.1	86.6	86.8	86.9	86.8	86.6	86.1	85.5
55°	92.0	91.9	91.6	91.2	91.6	91.9	92.0	92.0	91.8	91.2	90.5
52.5°	97.0	96.9	96.9	97.0	96.9	96.9	97.0	97.0	96.7	96.2	95.3
50°	104.1	104.2	104.1	103.7	104.1	104.2	104.1	103.7	103.0	102.1	100.9
47.5°	112.6	112.7	112.5	112.1	112.5	112.7	112.6	112.1	111.2	109.8	108.0
45°	123.3	123.9	124.1	123.8	124.1	123.9	123.3	122.3	121.0	119.1	116.6
42.5°	137.9	138.8	139.1	138.8	139.1	138.8	137.9	136.1	133.8	131.0	128.0
40°	156.9	158.0	158.2	158.1	158.2	158.0	156.9	154.6	150.8	146.0	141.5
37.5°	183.3	186.0	187.2	187.3	187.2	186.0	183.3	179.2	173.3	165.6	159.1
35°	222.2	227.5	230.3	231.7	230.3	227.5	222.2	214.7	204.7	193.3	183.0
32.5°	282.9	293.4	299.3	298.6	299.3	293.4	282.9	269.1	250.9	232.8	216.2
30°	382.1	400.5	409.8	407.3	409.8	400.5	382.1	356.2	321.8	293.4	264.0
27.5°	540.5	573.8	593.0	590.4	593.0	573.8	540.5	495.2	432.1	387.4	333.4
25°	795.8	856.5	895.3	885.7	895.3	856.5	795.8	713.8	615.8	532.2	437.1
22.5°	1184.1	1286.9	1354.9	1346.5	1354.9	1286.9	1184.1	1042.0	893.8	744.9	604.6
20°	1716.8	1873.2	1984.9	1999.6	1984.9	1873.2	1716.8	1496.1	1278.4	1032.6	832.1
17.5°	2414.9	2662.9	2835.6	2864.4	2835.6	2662.9	2414.9	2076.0	1762.2	1408.8	1097.8
15°	3322.3	3727.7	4021.0	4045.3	4021.0	3727.7	3322.3	2824.8	2343.3	1868.7	1401.3
12.5°	4554.5	5369.8	5901.9	6136.1	5901.9	5369.8	4554.5	3775.4	2999.3	2340.9	1757.3
10°	6259.7	8132.3	9331.6	9782.4	9331.6	8132.3	6259.7	4998.4	3796.5	2849.2	2096.1
7.5°	9107.9	12048.0	15316.6	16709.7	15316.6	12048.0	9107.9	6324.5	4675.0	3424.2	2467.1
5°	12333.2	18435.1	24239.0	26505.5	24239.0	18435.1	12333.2	8447.2	5654.0	3884.9	2730.3
2.5°	15727.1	24232.3	32202.2	35319.1	32202.2	24232.3	15727.1	9812.5	6259.0	4183.5	2929.2
0°	17052.6	26770.6	35539.5	39034.4	35539.5	26770.6	17052.6	10052.6	6400.4	4317.1	3020.0
-2.5°	15727.1	24232.3	32202.2	35319.1	32202.2	24232.3	15727.1	9812.5	6259.0	4183.5	2929.2
-5°	12333.2	18435.1	24239.0	26505.5	24239.0	18435.1	12333.2	8447.2	5654.0	3884.9	2730.3
-7.5°	9107.9	12048.0	15316.6	16709.7	15316.6	12048.0	9107.9	6324.5	4675.0	3424.2	2467.1
-10°	6259.7	8132.3	9331.6	9782.4	9331.6	8132.3	6259.7	4998.4	3796.5	2849.2	2096.1
-12.5°	4554.5	5369.8	5901.9	6136.1	5901.9	5369.8	4554.5	3775.4	2999.3	2340.9	1757.3
-15°	3322.3	3727.7	4021.0	4045.3	4021.0	3727.7	3322.3	2824.8	2343.3	1868.7	1401.3
-17.5°	2414.9	2662.9	2835.6	2864.4	2835.6	2662.9	2414.9	2076.0	1762.2	1408.8	1097.8
-20°	1716.8	1873.2	1984.9	1999.6	1984.9	1873.2	1716.8	1496.1	1278.4	1032.6	832.1



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	1184.1	1286.9	1354.9	1346.5	1354.9	1286.9	1184.1	1042.0	893.8	744.9	604.6
-25°	795.8	856.5	895.3	885.7	895.3	856.5	795.8	713.8	615.8	532.2	437.1
-27.5°	540.5	573.8	593.0	590.4	593.0	573.8	540.5	495.2	432.1	387.4	333.4
-30°	382.1	400.5	409.8	407.3	409.8	400.5	382.1	356.2	321.8	293.4	264.0
-32.5°	282.9	293.4	299.3	298.6	299.3	293.4	282.9	269.1	250.9	232.8	216.2
-35°	222.2	227.5	230.3	231.7	230.3	227.5	222.2	214.7	204.7	193.3	183.0
-37.5°	183.3	186.0	187.2	187.3	187.2	186.0	183.3	179.2	173.3	165.6	159.1
-40°	156.9	158.0	158.2	158.1	158.2	158.0	156.9	154.6	150.8	146.0	141.5
-42.5°	137.9	138.8	139.1	138.8	139.1	138.8	137.9	136.1	133.8	131.0	128.0
-45°	123.3	123.9	124.1	123.8	124.1	123.9	123.3	122.3	121.0	119.1	116.6
-47.5°	112.6	112.7	112.5	112.1	112.5	112.7	112.6	112.1	111.2	109.8	108.0
-50°	104.1	104.2	104.1	103.7	104.1	104.2	104.1	103.7	103.0	102.1	100.9
-52.5°	97.0	96.9	96.9	97.0	96.9	96.9	97.0	97.0	96.7	96.2	95.3
-55°	92.0	91.9	91.6	91.2	91.6	91.9	92.0	92.0	91.8	91.2	90.5
-57.5°	86.9	86.8	86.6	86.1	86.6	86.8	86.9	86.8	86.6	86.1	85.5
-60°	81.0	80.9	80.7	80.3	80.7	80.9	81.0	80.9	80.6	80.2	79.6
-62.5°	74.1	74.1	74.0	73.6	74.0	74.1	74.1	73.9	73.6	73.1	72.5
-65°	65.9	65.9	66.0	66.1	66.0	65.9	65.9	65.8	65.6	65.3	64.7
-67.5°	58.4	58.3	58.1	57.7	58.1	58.3	58.4	58.3	58.1	57.6	56.9
-70°	50.7	50.8	50.6	50.2	50.6	50.8	50.7	50.5	50.2	49.8	49.3
-72.5°	42.7	42.5	42.6	42.7	42.6	42.5	42.7	42.7	42.7	42.5	42.1
-75°	35.2	35.0	35.1	35.1	35.1	35.0	35.2	35.3	35.4	35.3	34.9
-77.5°	27.7	27.5	27.2	26.8	27.2	27.5	27.7	27.9	27.9	27.9	27.6
-80°	20.1	20.0	19.6	19.2	19.6	20.0	20.1	20.1	20.1	20.0	19.8
-82.5°	13.5	13.3	13.4	13.4	13.4	13.3	13.5	13.5	13.6	13.6	13.4
-85°	7.6	7.5	7.5	7.5	7.5	7.5	7.6	7.8	7.9	8.1	7.9
-87.5°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0	3.2	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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	7.8	7.6	7.4	7.2	7.0	6.8	6.5	6.2	5.8	5.4	5.0
82.5°	13.1	12.9	12.6	12.2	11.9	11.5	11.0	10.4	9.8	9.1	8.3
80°	19.6	19.3	18.8	18.2	17.4	16.7	16.0	15.3	14.6	13.8	13.0
77.5°	27.2	26.7	26.0	24.9	23.8	22.6	21.5	20.6	19.7	18.7	17.7
75°	34.5	34.0	33.2	32.0	30.6	29.1	27.6	26.4	25.2	23.9	22.5
72.5°	41.5	40.9	40.1	39.1	37.9	36.5	34.7	32.9	31.1	29.4	27.7
70°	48.6	47.9	47.0	46.0	44.8	43.5	41.7	39.6	37.2	34.9	33.1
67.5°	56.0	55.0	54.1	53.3	52.2	50.8	48.8	46.6	44.3	41.6	39.1
65°	63.9	62.8	61.7	60.7	59.5	58.2	56.1	53.7	51.1	48.4	45.6
62.5°	71.8	71.1	69.8	68.3	66.7	65.1	63.1	60.8	58.0	54.8	51.7
60°	78.8	77.9	76.5	75.0	73.5	71.6	69.2	67.0	65.1	61.6	57.8
57.5°	84.9	83.8	82.1	80.5	79.0	76.8	74.3	71.9	69.5	67.0	63.8
55°	89.6	88.5	86.9	85.2	83.2	81.1	78.8	76.2	73.7	71.4	68.4
52.5°	94.3	93.1	91.6	89.9	87.8	85.4	82.9	80.3	77.9	75.5	72.9
50°	99.6	98.1	96.5	94.7	92.4	89.8	87.1	84.3	81.9	79.5	77.0
47.5°	106.2	104.1	101.8	99.6	97.0	94.2	91.3	88.5	85.8	83.0	80.5
45°	114.1	111.2	108.1	105.2	102.0	98.9	95.6	92.6	89.7	86.7	83.6
42.5°	124.1	119.8	115.8	111.8	107.7	104.0	100.3	96.8	93.6	90.4	87.0
40°	136.4	130.6	125.3	119.4	114.4	109.6	105.3	101.0	97.4	93.9	90.2
37.5°	151.6	144.0	136.7	129.1	122.4	116.1	110.7	105.7	101.0	97.2	93.3
35°	170.9	160.5	150.1	140.7	131.7	123.8	116.6	110.7	105.3	100.4	96.2
32.5°	197.0	182.3	166.5	154.4	142.5	132.2	123.6	116.1	109.6	104.0	99.1
30°	235.4	211.3	189.6	170.3	155.4	142.1	130.8	122.1	114.4	107.7	102.0
27.5°	290.5	248.9	219.6	191.3	169.4	153.4	139.8	128.3	119.3	111.8	105.2
25°	368.7	305.5	254.6	217.6	187.9	165.0	149.1	135.8	124.8	115.7	107.7
22.5°	475.7	380.1	301.9	245.9	209.2	180.8	159.2	143.2	129.8	119.2	110.5
20°	633.2	469.1	363.2	286.3	233.0	195.8	169.8	150.9	135.4	122.7	112.9
17.5°	820.1	592.4	430.2	327.6	261.0	215.2	182.0	158.0	140.5	125.9	114.9
15°	1019.3	732.1	523.8	382.7	289.6	231.8	192.2	164.3	145.4	129.3	117.3
12.5°	1273.7	882.8	605.9	428.7	317.7	249.8	204.0	172.3	150.1	133.0	119.8
10°	1514.3	1039.9	705.9	489.3	351.9	267.4	214.5	178.4	153.8	135.9	121.8
7.5°	1741.7	1191.0	792.4	535.5	378.3	281.5	222.3	182.8	156.5	138.0	123.3
5°	1908.3	1303.4	860.1	571.0	397.0	291.7	227.3	185.6	158.0	139.2	124.4
2.5°	2035.1	1377.9	901.2	591.9	407.6	297.7	230.4	187.7	159.6	140.2	125.6
0°	2093.3	1406.7	914.9	603.0	414.0	299.4	231.7	189.0	160.6	140.5	126.3
-2.5°	2035.1	1377.9	901.2	591.9	407.6	297.7	230.4	187.7	159.6	140.2	125.6
-5°	1908.3	1303.4	860.1	571.0	397.0	291.7	227.3	185.6	158.0	139.2	124.4
-7.5°	1741.7	1191.0	792.4	535.5	378.3	281.5	222.3	182.8	156.5	138.0	123.3
-10°	1514.3	1039.9	705.9	489.3	351.9	267.4	214.5	178.4	153.8	135.9	121.8
-12.5°	1273.7	882.8	605.9	428.7	317.7	249.8	204.0	172.3	150.1	133.0	119.8
-15°	1019.3	732.1	523.8	382.7	289.6	231.8	192.2	164.3	145.4	129.3	117.3
-17.5°	820.1	592.4	430.2	327.6	261.0	215.2	182.0	158.0	140.5	125.9	114.9
-20°	633.2	469.1	363.2	286.3	233.0	195.8	169.8	150.9	135.4	122.7	112.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	475.7	380.1	301.9	245.9	209.2	180.8	159.2	143.2	129.8	119.2	110.5
-25°	368.7	305.5	254.6	217.6	187.9	165.0	149.1	135.8	124.8	115.7	107.7
-27.5°	290.5	248.9	219.6	191.3	169.4	153.4	139.8	128.3	119.3	111.8	105.2
-30°	235.4	211.3	189.6	170.3	155.4	142.1	130.8	122.1	114.4	107.7	102.0
-32.5°	197.0	182.3	166.5	154.4	142.5	132.2	123.6	116.1	109.6	104.0	99.1
-35°	170.9	160.5	150.1	140.7	131.7	123.8	116.6	110.7	105.3	100.4	96.2
-37.5°	151.6	144.0	136.7	129.1	122.4	116.1	110.7	105.7	101.0	97.2	93.3
-40°	136.4	130.6	125.3	119.4	114.4	109.6	105.3	101.0	97.4	93.9	90.2
-42.5°	124.1	119.8	115.8	111.8	107.7	104.0	100.3	96.8	93.6	90.4	87.0
-45°	114.1	111.2	108.1	105.2	102.0	98.9	95.6	92.6	89.7	86.7	83.6
-47.5°	106.2	104.1	101.8	99.6	97.0	94.2	91.3	88.5	85.8	83.0	80.5
-50°	99.6	98.1	96.5	94.7	92.4	89.8	87.1	84.3	81.9	79.5	77.0
-52.5°	94.3	93.1	91.6	89.9	87.8	85.4	82.9	80.3	77.9	75.5	72.9
-55°	89.6	88.5	86.9	85.2	83.2	81.1	78.8	76.2	73.7	71.4	68.4
-57.5°	84.9	83.8	82.1	80.5	79.0	76.8	74.3	71.9	69.5	67.0	63.8
-60°	78.8	77.9	76.5	75.0	73.5	71.6	69.2	67.0	65.1	61.6	57.8
-62.5°	71.8	71.1	69.8	68.3	66.7	65.1	63.1	60.8	58.0	54.8	51.7
-65°	63.9	62.8	61.7	60.7	59.5	58.2	56.1	53.7	51.1	48.4	45.6
-67.5°	56.0	55.0	54.1	53.3	52.2	50.8	48.8	46.6	44.3	41.6	39.1
-70°	48.6	47.9	47.0	46.0	44.8	43.5	41.7	39.6	37.2	34.9	33.1
-72.5°	41.5	40.9	40.1	39.1	37.9	36.5	34.7	32.9	31.1	29.4	27.7
-75°	34.5	34.0	33.2	32.0	30.6	29.1	27.6	26.4	25.2	23.9	22.5
-77.5°	27.2	26.7	26.0	24.9	23.8	22.6	21.5	20.6	19.7	18.7	17.7
-80°	19.6	19.3	18.8	18.2	17.4	16.7	16.0	15.3	14.6	13.8	13.0
-82.5°	13.1	12.9	12.6	12.2	11.9	11.5	11.0	10.4	9.8	9.1	8.3
-85°	7.8	7.6	7.4	7.2	7.0	6.8	6.5	6.2	5.8	5.4	5.0
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	4.9	4.6	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	7.9	7.6	7.3	7.0	6.4	5.8	5.2	4.7	4.0	3.4	3.0
80°	12.2	11.5	10.8	10.1	9.2	8.4	7.6	6.8	6.0	5.1	4.3
77.5°	16.6	15.5	14.4	13.3	12.3	11.2	10.1	9.0	7.9	6.9	5.8
75°	21.1	19.8	18.4	17.0	15.5	14.1	12.7	11.4	10.0	8.6	7.3
72.5°	26.1	24.3	22.5	20.7	19.0	17.3	15.5	13.7	12.1	10.5	8.8
70°	31.2	29.1	27.0	24.9	22.8	20.5	18.5	16.4	14.3	12.4	10.5
67.5°	36.7	34.5	32.0	29.2	26.8	24.3	21.5	19.0	16.7	14.3	12.1
65°	42.7	39.9	37.3	34.1	31.0	28.1	25.1	21.8	19.0	16.4	13.7
62.5°	48.5	45.2	42.0	38.8	35.4	32.0	28.6	25.0	21.5	18.5	15.5
60°	54.3	50.6	46.7	43.0	39.4	35.8	32.0	28.1	24.2	20.5	17.3
57.5°	59.7	55.9	51.5	47.2	43.2	39.4	35.3	31.0	26.8	22.7	19.0
55°	64.8	60.6	56.0	51.3	46.8	42.7	38.4	33.8	29.3	24.9	20.7
52.5°	69.5	65.1	60.2	55.2	50.3	45.8	41.3	36.6	31.7	27.0	22.5
50°	73.9	69.5	64.3	59.0	53.6	48.9	44.2	39.2	34.1	29.1	24.2
47.5°	77.7	73.5	68.5	62.8	57.1	51.9	47.0	41.7	36.3	31.0	25.9
45°	80.7	77.2	72.4	66.6	60.5	55.1	49.7	44.2	38.5	32.9	27.5
42.5°	83.6	80.3	76.0	70.4	64.1	58.2	52.4	46.7	40.7	34.7	29.1
40°	86.6	83.1	79.3	73.7	67.4	61.2	55.1	49.0	42.8	36.5	30.6
37.5°	89.3	85.7	81.9	76.7	70.4	64.0	57.7	51.3	44.7	38.2	32.0
35°	92.1	88.0	84.1	79.1	73.0	66.5	60.2	53.6	46.6	39.8	33.3
32.5°	94.7	90.2	85.9	81.1	75.3	68.8	62.4	55.5	48.4	41.3	34.6
30°	97.1	92.2	87.7	83.0	77.4	70.8	64.2	57.2	50.0	42.7	35.8
27.5°	99.1	93.8	89.4	84.6	79.0	72.6	65.8	58.8	51.5	44.0	36.9
25°	101.0	95.4	90.7	86.1	80.5	74.4	67.4	60.2	52.8	45.2	37.9
22.5°	103.1	96.9	91.8	87.4	82.1	76.1	68.8	61.4	53.9	46.2	38.8
20°	105.0	98.1	92.6	88.5	83.3	77.4	70.2	62.4	54.9	47.2	39.5
17.5°	106.7	99.5	93.6	89.2	84.3	78.6	71.4	63.4	55.7	48.0	40.2
15°	108.4	100.9	94.6	89.8	85.1	79.5	72.6	64.2	56.3	48.7	40.8
12.5°	110.0	102.0	95.3	90.2	85.7	80.3	73.6	64.9	56.8	49.3	41.4
10°	111.2	102.9	95.9	90.5	86.1	80.9	74.4	65.6	57.4	49.8	41.8
7.5°	112.2	103.5	96.3	90.7	86.4	81.3	75.2	66.4	57.9	50.1	42.2
5°	113.0	104.0	96.8	91.2	86.7	81.7	75.7	67.0	58.2	50.2	42.5
2.5°	113.5	104.4	97.4	91.6	86.9	81.9	76.0	67.4	58.4	50.3	42.6
0°	113.7	104.5	97.8	92.0	87.0	82.0	76.1	67.7	58.5	50.2	42.7
-2.5°	113.5	104.4	97.4	91.6	86.9	81.9	76.0	67.4	58.4	50.3	42.6
-5°	113.0	104.0	96.8	91.2	86.7	81.7	75.7	67.0	58.2	50.2	42.5
-7.5°	112.2	103.5	96.3	90.7	86.4	81.3	75.2	66.4	57.9	50.1	42.2
-10°	111.2	102.9	95.9	90.5	86.1	80.9	74.4	65.6	57.4	49.8	41.8
-12.5°	110.0	102.0	95.3	90.2	85.7	80.3	73.6	64.9	56.8	49.3	41.4
-15°	108.4	100.9	94.6	89.8	85.1	79.5	72.6	64.2	56.3	48.7	40.8
-17.5°	106.7	99.5	93.6	89.2	84.3	78.6	71.4	63.4	55.7	48.0	40.2
-20°	105.0	98.1	92.6	88.5	83.3	77.4	70.2	62.4	54.9	47.2	39.5

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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°	103.1	96.9	91.8	87.4	82.1	76.1	68.8	61.4	53.9	46.2	38.8
-25°	101.0	95.4	90.7	86.1	80.5	74.4	67.4	60.2	52.8	45.2	37.9
-27.5°	99.1	93.8	89.4	84.6	79.0	72.6	65.8	58.8	51.5	44.0	36.9
-30°	97.1	92.2	87.7	83.0	77.4	70.8	64.2	57.2	50.0	42.7	35.8
-32.5°	94.7	90.2	85.9	81.1	75.3	68.8	62.4	55.5	48.4	41.3	34.6
-35°	92.1	88.0	84.1	79.1	73.0	66.5	60.2	53.6	46.6	39.8	33.3
-37.5°	89.3	85.7	81.9	76.7	70.4	64.0	57.7	51.3	44.7	38.2	32.0
-40°	86.6	83.1	79.3	73.7	67.4	61.2	55.1	49.0	42.8	36.5	30.6
-42.5°	83.6	80.3	76.0	70.4	64.1	58.2	52.4	46.7	40.7	34.7	29.1
-45°	80.7	77.2	72.4	66.6	60.5	55.1	49.7	44.2	38.5	32.9	27.5
-47.5°	77.7	73.5	68.5	62.8	57.1	51.9	47.0	41.7	36.3	31.0	25.9
-50°	73.9	69.5	64.3	59.0	53.6	48.9	44.2	39.2	34.1	29.1	24.2
-52.5°	69.5	65.1	60.2	55.2	50.3	45.8	41.3	36.6	31.7	27.0	22.5
-55°	64.8	60.6	56.0	51.3	46.8	42.7	38.4	33.8	29.3	24.9	20.7
-57.5°	59.7	55.9	51.5	47.2	43.2	39.4	35.3	31.0	26.8	22.7	19.0
-60°	54.3	50.6	46.7	43.0	39.4	35.8	32.0	28.1	24.2	20.5	17.3
-62.5°	48.5	45.2	42.0	38.8	35.4	32.0	28.6	25.0	21.5	18.5	15.5
-65°	42.7	39.9	37.3	34.1	31.0	28.1	25.1	21.8	19.0	16.4	13.7
-67.5°	36.7	34.5	32.0	29.2	26.8	24.3	21.5	19.0	16.7	14.3	12.1
-70°	31.2	29.1	27.0	24.9	22.8	20.5	18.5	16.4	14.3	12.4	10.5
-72.5°	26.1	24.3	22.5	20.7	19.0	17.3	15.5	13.7	12.1	10.5	8.8
-75°	21.1	19.8	18.4	17.0	15.5	14.1	12.7	11.4	10.0	8.6	7.3
-77.5°	16.6	15.5	14.4	13.3	12.3	11.2	10.1	9.0	7.9	6.9	5.8
-80°	12.2	11.5	10.8	10.1	9.2	8.4	7.6	6.8	6.0	5.1	4.3
-82.5°	7.9	7.6	7.3	7.0	6.4	5.8	5.2	4.7	4.0	3.4	3.0
-85°	4.9	4.6	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
-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: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-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	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.5	2.8	2.3	1.7	1.1	0.5	0.0
77.5°	4.7	3.7	2.8	2.1	1.4	0.6	0.0
75°	6.0	4.7	3.4	2.6	1.7	0.7	0.0
72.5°	7.3	5.7	4.2	3.0	2.0	0.9	0.0
70°	8.5	6.7	5.0	3.4	2.2	1.0	0.0
67.5°	9.9	7.6	5.7	3.9	2.5	1.1	0.0
65°	11.3	8.7	6.4	4.5	2.7	1.2	0.0
62.5°	12.6	9.8	7.1	5.0	3.0	1.3	0.0
60°	13.9	10.9	7.8	5.5	3.2	1.4	0.0
57.5°	15.3	11.9	8.6	5.9	3.5	1.5	0.0
55°	16.8	13.0	9.5	6.4	3.8	1.6	0.0
52.5°	18.2	14.0	10.3	6.8	4.1	1.7	0.0
50°	19.5	15.1	11.1	7.2	4.4	1.8	0.0
47.5°	20.8	16.2	11.8	7.7	4.6	1.9	0.0
45°	22.2	17.2	12.5	8.2	4.9	2.0	0.0
42.5°	23.5	18.2	13.2	8.7	5.2	2.0	0.0
40°	24.8	19.1	13.9	9.2	5.4	2.1	0.0
37.5°	26.0	20.0	14.6	9.7	5.6	2.2	0.0
35°	27.1	20.9	15.3	10.2	5.9	2.2	0.0
32.5°	28.2	21.8	15.9	10.6	6.1	2.3	0.0
30°	29.2	22.6	16.5	11.0	6.3	2.3	0.0
27.5°	30.1	23.4	17.0	11.4	6.5	2.4	0.0
25°	30.9	24.1	17.6	11.7	6.6	2.4	0.0
22.5°	31.7	24.7	18.0	12.0	6.8	2.5	0.0
20°	32.3	25.2	18.5	12.3	6.9	2.5	0.0
17.5°	32.9	25.7	18.8	12.6	7.1	2.5	0.0
15°	33.4	26.1	19.2	12.8	7.2	2.5	0.0
12.5°	33.7	26.4	19.5	13.0	7.3	2.5	0.0
10°	34.0	26.6	19.7	13.1	7.4	2.5	0.0
7.5°	34.2	26.8	19.9	13.2	7.4	2.5	0.0
5°	34.3	26.8	20.0	13.3	7.5	2.5	0.0
2.5°	34.4	26.9	20.1	13.4	7.5	2.5	0.0
0°	34.3	26.8	20.1	13.4	7.5	2.5	0.0
-2.5°	34.4	26.9	20.1	13.4	7.5	2.5	0.0
-5°	34.3	26.8	20.0	13.3	7.5	2.5	0.0
-7.5°	34.2	26.8	19.9	13.2	7.4	2.5	0.0
-10°	34.0	26.6	19.7	13.1	7.4	2.5	0.0
-12.5°	33.7	26.4	19.5	13.0	7.3	2.5	0.0
-15°	33.4	26.1	19.2	12.8	7.2	2.5	0.0
-17.5°	32.9	25.7	18.8	12.6	7.1	2.5	0.0
-20°	32.3	25.2	18.5	12.3	6.9	2.5	0.0

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REPORT NUMBER: P626599 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.7	24.7	18.0	12.0	6.8	2.5	0.0
-25°	30.9	24.1	17.6	11.7	6.6	2.4	0.0
-27.5°	30.1	23.4	17.0	11.4	6.5	2.4	0.0
-30°	29.2	22.6	16.5	11.0	6.3	2.3	0.0
-32.5°	28.2	21.8	15.9	10.6	6.1	2.3	0.0
-35°	27.1	20.9	15.3	10.2	5.9	2.2	0.0
-37.5°	26.0	20.0	14.6	9.7	5.6	2.2	0.0
-40°	24.8	19.1	13.9	9.2	5.4	2.1	0.0
-42.5°	23.5	18.2	13.2	8.7	5.2	2.0	0.0
-45°	22.2	17.2	12.5	8.2	4.9	2.0	0.0
-47.5°	20.8	16.2	11.8	7.7	4.6	1.9	0.0
-50°	19.5	15.1	11.1	7.2	4.4	1.8	0.0
-52.5°	18.2	14.0	10.3	6.8	4.1	1.7	0.0
-55°	16.8	13.0	9.5	6.4	3.8	1.6	0.0
-57.5°	15.3	11.9	8.6	5.9	3.5	1.5	0.0
-60°	13.9	10.9	7.8	5.5	3.2	1.4	0.0
-62.5°	12.6	9.8	7.1	5.0	3.0	1.3	0.0
-65°	11.3	8.7	6.4	4.5	2.7	1.2	0.0
-67.5°	9.9	7.6	5.7	3.9	2.5	1.1	0.0
-70°	8.5	6.7	5.0	3.4	2.2	1.0	0.0
-72.5°	7.3	5.7	4.2	3.0	2.0	0.9	0.0
-75°	6.0	4.7	3.4	2.6	1.7	0.7	0.0
-77.5°	4.7	3.7	2.8	2.1	1.4	0.6	0.0
-80°	3.5	2.8	2.3	1.7	1.1	0.5	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)