

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: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-727-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N10
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

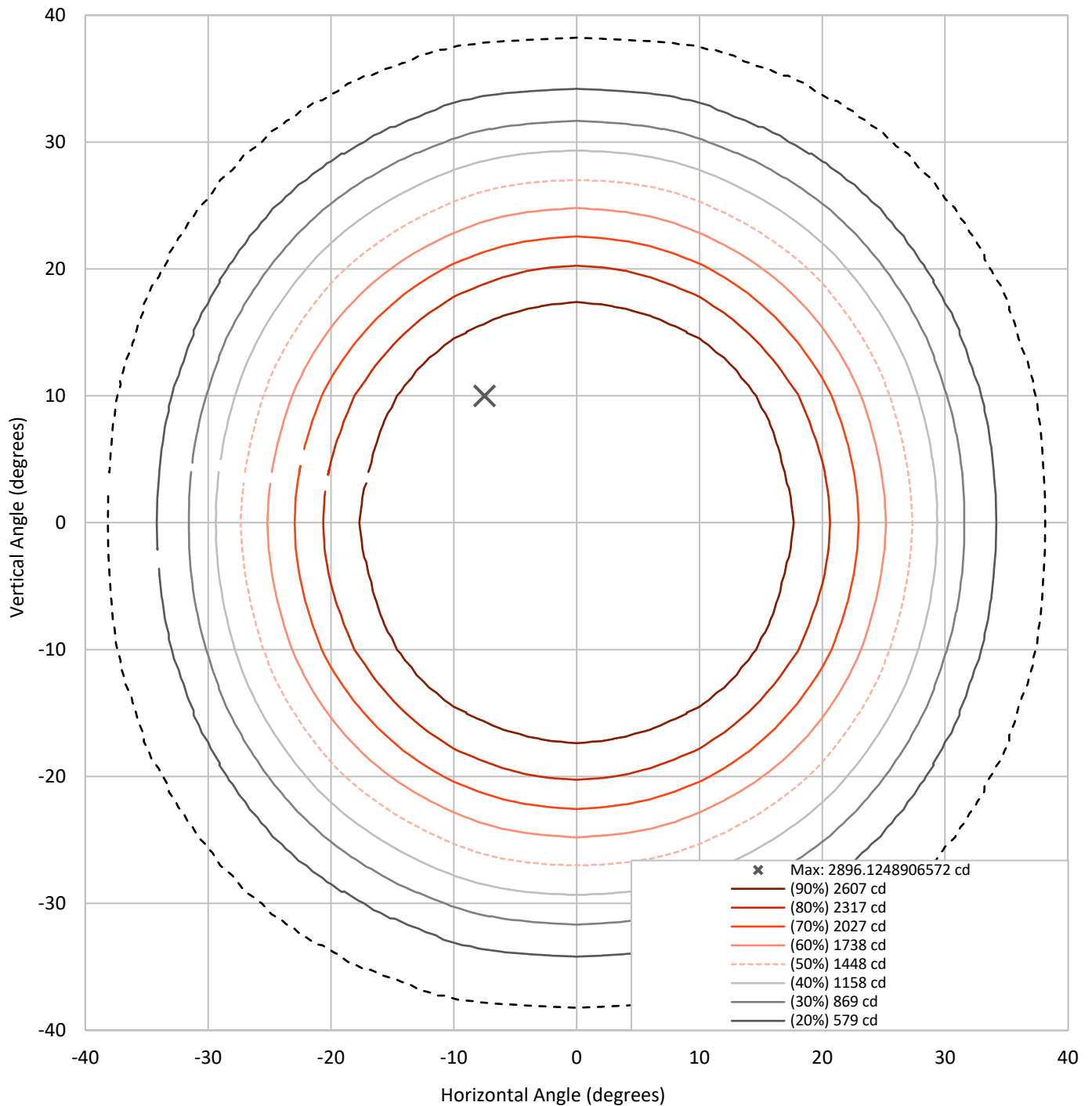
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2464.9 lumens	Max Intensity:	2896.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	136.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	1636 lumens	Field Lumens:	2127.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	18.1		
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





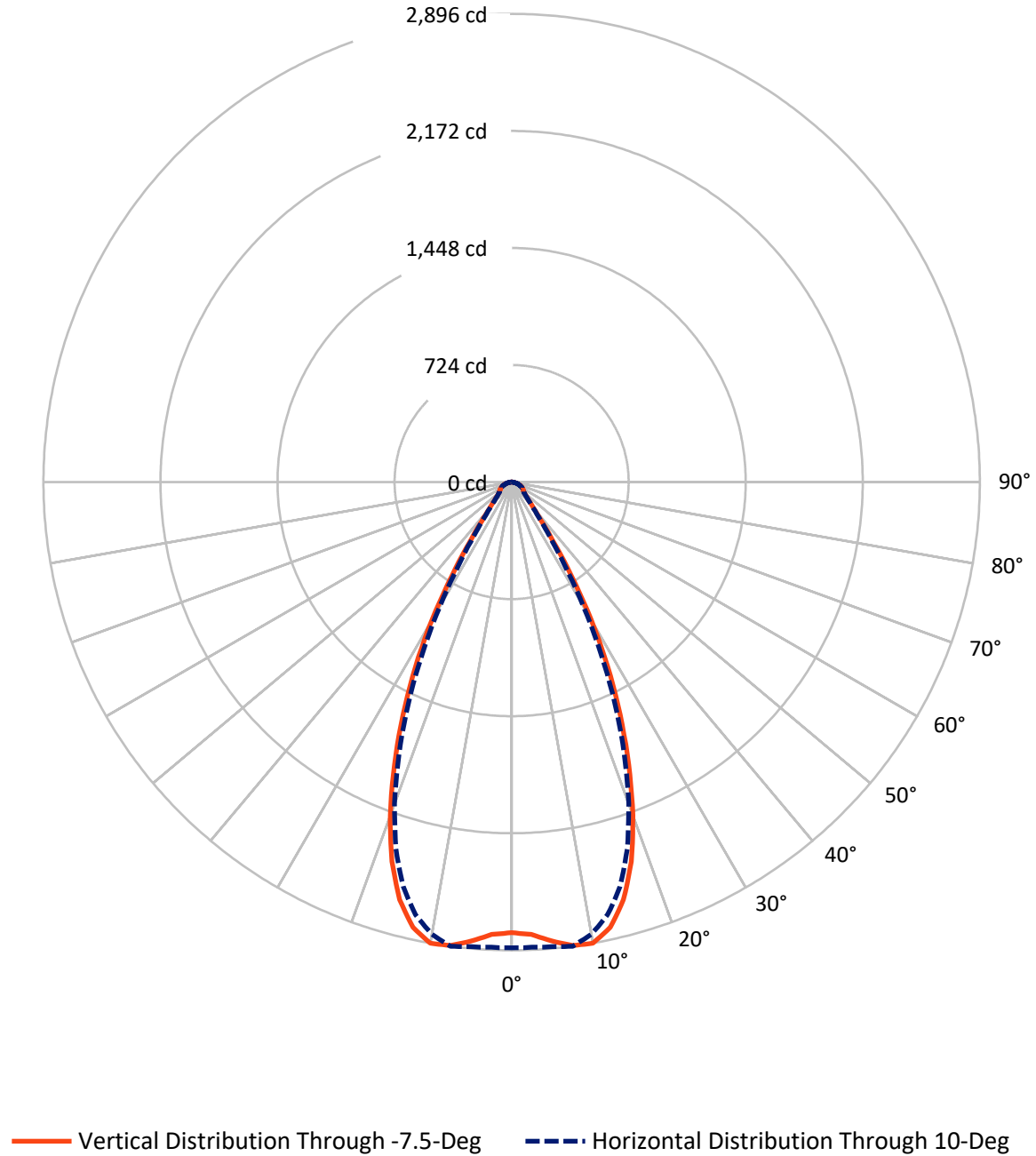
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Lumen Table

90																			
80	0.1	0.6		1.5		2.4		2.7		2.4		1.5		0.6		0.1			
70																			
60	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			
50		0.4	0.9	1.4	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.4	0.9	0.4				
40	0.5	0.6	1.1	1.7	2.3	3.0	3.8	4.3	4.3	3.8	3.0	2.3	1.7	1.1	0.6	0.5			
30		0.7	1.3	2.0	3.1	5.6	10.7	15.9	15.9	10.7	5.6	3.1	2.0	1.3	0.7				
20	0.6	0.8	1.4	2.3	5.0	15.8	35.5	49.6	49.6	35.5	15.8	5.0	2.3	1.4	0.8	0.6			
10		0.8	1.5	2.8	9.1	33.7	64.4	80.6	80.6	64.4	33.7	9.1	2.8	1.5	0.8				
0	0.6	0.8	1.5	3.1	13.1	46.2	78.2	85.0	85.0	78.2	46.2	13.1	3.1	1.5	0.8	0.6			
-10		0.8	1.5	3.1	13.1	46.2	78.2	85.0	85.0	78.2	46.2	13.1	3.1	1.5	0.8				
-20	0.6	0.8	1.5	2.8	9.1	33.7	64.4	80.6	80.6	64.4	33.7	9.1	2.8	1.5	0.8	0.6			
-30		0.8	1.4	2.3	5.0	15.8	35.5	49.6	49.6	35.5	15.8	5.0	2.3	1.4	0.8				
-40	0.5	0.7	1.3	2.0	3.1	5.6	10.7	15.9	15.9	10.7	5.6	3.1	2.0	1.3	0.7	0.5			
-50		0.6	1.1	1.7	2.3	3.0	3.8	4.3	4.3	3.8	3.0	2.3	1.7	1.1	0.6				
-60	0.3	0.4	0.9	1.4	1.9	2.3	2.6	2.7	2.7	2.6	2.3	1.9	1.4	0.9	0.4	0.3			
-70		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				
-80																			
-90	0.1	0.6		1.5		2.4		2.7		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

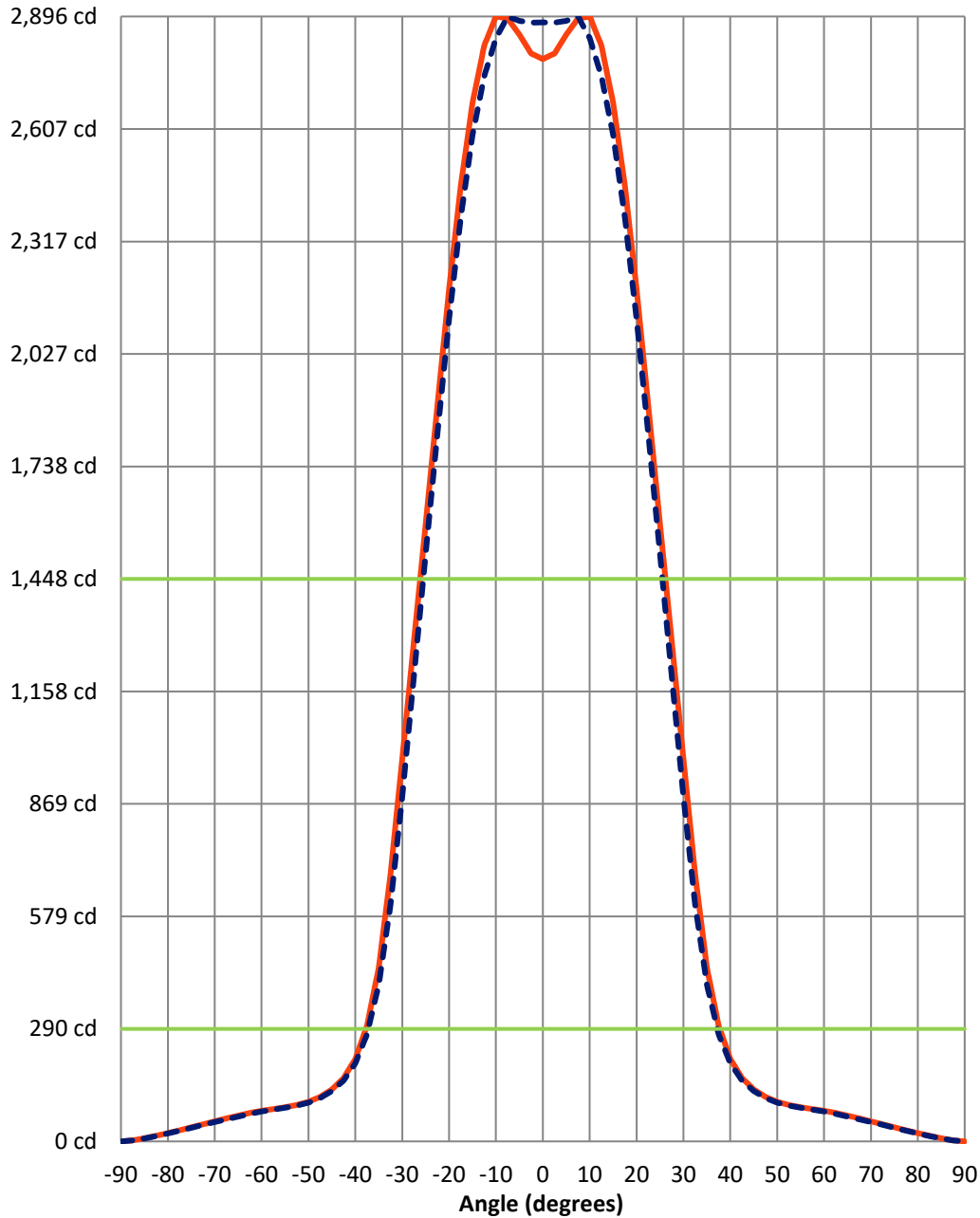
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 1636
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 2127.3
 Efficiency: 86.3%

Spill:
 Lumens: 337.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.5
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.9	3.6	4.3
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.7	4.7	5.6	6.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.9	4.1	5.3	6.5	7.6	8.8
75°	0.0	0.6	1.3	1.9	2.7	4.1	5.5	6.9	8.3	9.9	11.5
72.5°	0.0	0.8	1.5	2.2	3.6	5.3	6.9	8.6	10.5	12.3	14.2
70°	0.0	0.9	1.7	2.6	4.5	6.4	8.3	10.5	12.6	14.8	17.0
67.5°	0.0	1.0	1.9	3.3	5.4	7.5	9.9	12.3	14.8	17.2	19.8
65°	0.0	1.1	2.1	4.0	6.3	8.7	11.4	14.2	16.9	19.7	22.6
62.5°	0.0	1.2	2.3	4.6	7.2	10.0	13.0	16.0	19.0	22.1	25.7
60°	0.0	1.2	2.5	5.3	8.1	11.2	14.4	17.7	21.0	24.8	28.6
57.5°	0.0	1.3	2.9	5.9	9.0	12.4	15.9	19.4	23.2	27.3	31.4
55°	0.0	1.4	3.3	6.5	9.9	13.5	17.4	21.1	25.4	29.8	34.1
52.5°	0.0	1.5	3.7	7.1	10.8	14.6	18.8	23.0	27.5	32.2	36.8
50°	0.0	1.6	4.1	7.7	11.6	15.8	20.2	24.7	29.6	34.5	39.3
47.5°	0.0	1.7	4.4	8.2	12.4	16.9	21.5	26.5	31.5	36.6	41.7
45°	0.0	1.8	4.8	8.8	13.2	18.0	22.9	28.1	33.4	38.8	44.1
42.5°	0.0	1.8	5.1	9.4	13.9	19.0	24.2	29.7	35.2	40.8	46.3
40°	0.0	1.9	5.4	9.9	14.7	20.0	25.5	31.2	36.9	42.7	48.4
37.5°	0.0	2.0	5.7	10.4	15.4	21.0	26.7	32.5	38.5	44.6	50.5
35°	0.0	2.0	5.9	10.8	16.2	21.9	27.8	33.8	40.1	46.3	52.4
32.5°	0.0	2.1	6.2	11.2	16.8	22.8	28.9	35.1	41.6	48.0	54.1
30°	0.0	2.2	6.4	11.6	17.5	23.6	29.8	36.2	43.0	49.5	55.7
27.5°	0.0	2.2	6.6	12.0	18.0	24.4	30.7	37.3	44.3	50.8	57.1
25°	0.0	2.3	6.8	12.3	18.5	25.0	31.5	38.4	45.4	52.0	58.5
22.5°	0.0	2.3	7.0	12.6	19.0	25.6	32.3	39.3	46.4	53.1	59.7
20°	0.0	2.3	7.1	12.8	19.4	26.2	32.9	40.2	47.3	54.1	60.8
17.5°	0.0	2.4	7.3	13.1	19.8	26.6	33.5	40.9	48.1	54.9	61.7
15°	0.0	2.4	7.4	13.3	20.1	27.0	34.0	41.6	48.7	55.6	62.5
12.5°	0.0	2.4	7.5	13.4	20.3	27.3	34.4	42.2	49.3	56.2	63.2
10°	0.0	2.5	7.5	13.6	20.5	27.6	34.8	42.7	49.8	56.8	63.7
7.5°	0.0	2.5	7.6	13.6	20.7	27.8	35.1	43.1	50.2	57.2	64.3
5°	0.0	2.5	7.6	13.7	20.8	27.9	35.3	43.4	50.5	57.5	64.6
2.5°	0.0	2.5	7.6	13.7	20.8	27.9	35.5	43.5	50.6	57.7	64.8
0°	0.0	2.5	7.6	13.7	20.8	27.9	35.5	43.6	50.7	57.8	64.9
-2.5°	0.0	2.5	7.6	13.7	20.8	27.9	35.5	43.5	50.6	57.7	64.8
-5°	0.0	2.5	7.6	13.7	20.8	27.9	35.3	43.4	50.5	57.5	64.6
-7.5°	0.0	2.5	7.6	13.6	20.7	27.8	35.1	43.1	50.2	57.2	64.3
-10°	0.0	2.5	7.5	13.6	20.5	27.6	34.8	42.7	49.8	56.8	63.7
-12.5°	0.0	2.4	7.5	13.4	20.3	27.3	34.4	42.2	49.3	56.2	63.2
-15°	0.0	2.4	7.4	13.3	20.1	27.0	34.0	41.6	48.7	55.6	62.5
-17.5°	0.0	2.4	7.3	13.1	19.8	26.6	33.5	40.9	48.1	54.9	61.7
-20°	0.0	2.3	7.1	12.8	19.4	26.2	32.9	40.2	47.3	54.1	60.8

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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	7.0	12.6	19.0	25.6	32.3	39.3	46.4	53.1	59.7
-25°	0.0	2.3	6.8	12.3	18.5	25.0	31.5	38.4	45.4	52.0	58.5
-27.5°	0.0	2.2	6.6	12.0	18.0	24.4	30.7	37.3	44.3	50.8	57.1
-30°	0.0	2.2	6.4	11.6	17.5	23.6	29.8	36.2	43.0	49.5	55.7
-32.5°	0.0	2.1	6.2	11.2	16.8	22.8	28.9	35.1	41.6	48.0	54.1
-35°	0.0	2.0	5.9	10.8	16.2	21.9	27.8	33.8	40.1	46.3	52.4
-37.5°	0.0	2.0	5.7	10.4	15.4	21.0	26.7	32.5	38.5	44.6	50.5
-40°	0.0	1.9	5.4	9.9	14.7	20.0	25.5	31.2	36.9	42.7	48.4
-42.5°	0.0	1.8	5.1	9.4	13.9	19.0	24.2	29.7	35.2	40.8	46.3
-45°	0.0	1.8	4.8	8.8	13.2	18.0	22.9	28.1	33.4	38.8	44.1
-47.5°	0.0	1.7	4.4	8.2	12.4	16.9	21.5	26.5	31.5	36.6	41.7
-50°	0.0	1.6	4.1	7.7	11.6	15.8	20.2	24.7	29.6	34.5	39.3
-52.5°	0.0	1.5	3.7	7.1	10.8	14.6	18.8	23.0	27.5	32.2	36.8
-55°	0.0	1.4	3.3	6.5	9.9	13.5	17.4	21.1	25.4	29.8	34.1
-57.5°	0.0	1.3	2.9	5.9	9.0	12.4	15.9	19.4	23.2	27.3	31.4
-60°	0.0	1.2	2.5	5.3	8.1	11.2	14.4	17.7	21.0	24.8	28.6
-62.5°	0.0	1.2	2.3	4.6	7.2	10.0	13.0	16.0	19.0	22.1	25.7
-65°	0.0	1.1	2.1	4.0	6.3	8.7	11.4	14.2	16.9	19.7	22.6
-67.5°	0.0	1.0	1.9	3.3	5.4	7.5	9.9	12.3	14.8	17.2	19.8
-70°	0.0	0.9	1.7	2.6	4.5	6.4	8.3	10.5	12.6	14.8	17.0
-72.5°	0.0	0.8	1.5	2.2	3.6	5.3	6.9	8.6	10.5	12.3	14.2
-75°	0.0	0.6	1.3	1.9	2.7	4.1	5.5	6.9	8.3	9.9	11.5
-77.5°	0.0	0.5	1.1	1.6	2.2	2.9	4.1	5.3	6.5	7.6	8.8
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.7	4.7	5.6	6.5
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.9	3.6	4.3
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.5
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3
-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-SA1A-727-U-MWR-XX

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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.3
82.5°	5.0	5.7	6.3	7.0	7.6	8.2	8.7	9.3	9.9	10.5	11.0
80°	7.4	8.3	9.3	10.3	11.2	12.0	12.8	13.6	14.4	15.3	16.2
77.5°	10.1	11.4	12.6	13.8	14.9	16.1	17.3	18.4	19.6	20.7	21.8
75°	13.0	14.5	16.1	17.6	19.1	20.6	22.0	23.5	24.9	26.4	27.7
72.5°	16.1	18.0	19.8	21.6	23.5	25.3	27.0	28.7	30.5	32.2	33.9
70°	19.2	21.4	23.6	25.8	27.9	30.0	32.2	34.2	36.3	38.3	40.3
67.5°	22.4	25.1	27.6	30.1	32.5	35.0	37.4	39.9	42.3	44.7	47.0
65°	25.9	28.8	31.6	34.4	37.2	40.1	43.0	45.7	48.5	51.1	53.5
62.5°	29.3	32.4	35.5	38.7	42.0	45.3	48.4	51.6	54.8	57.6	60.0
60°	32.4	35.9	39.4	43.0	46.7	50.2	53.7	57.1	60.6	63.9	65.8
57.5°	35.4	39.3	43.1	47.0	50.9	54.9	58.5	62.3	65.5	68.2	70.5
55°	38.4	42.6	46.7	50.8	55.0	59.1	63.1	66.7	69.8	72.1	74.3
52.5°	41.3	45.7	49.9	54.3	58.8	63.2	67.3	70.6	73.2	75.6	77.7
50°	44.1	48.6	53.0	57.8	62.5	67.1	71.1	74.0	76.6	78.9	81.1
47.5°	46.7	51.4	56.1	61.2	66.1	70.6	74.2	77.3	80.0	82.4	84.9
45°	49.2	54.2	59.2	64.4	69.5	73.8	77.3	80.6	83.0	85.8	88.7
42.5°	51.6	56.9	62.1	67.5	72.6	76.7	80.2	83.1	86.1	89.3	92.9
40°	54.0	59.4	64.9	70.5	75.6	79.2	82.6	85.7	89.3	93.2	97.3
37.5°	56.1	61.8	67.5	73.3	77.8	81.5	84.9	88.5	92.7	97.2	102.8
35°	58.2	64.0	69.9	75.5	79.8	83.7	87.2	91.2	96.1	101.9	109.1
32.5°	60.1	66.1	72.2	77.3	81.6	85.6	89.3	94.3	100.1	107.1	117.2
30°	61.8	68.0	74.1	79.0	83.2	87.3	91.8	97.4	104.2	114.3	127.4
27.5°	63.4	69.7	75.6	80.5	84.6	88.9	94.1	100.9	109.9	122.0	138.2
25°	64.9	71.3	77.0	81.7	86.0	90.7	96.4	104.0	115.8	131.5	153.4
22.5°	66.2	72.8	78.4	82.7	87.3	92.3	99.0	108.5	122.1	140.5	168.7
20°	67.4	73.9	79.4	83.7	88.5	93.7	101.3	112.8	129.2	152.9	188.9
17.5°	68.5	74.9	80.2	84.6	89.6	95.3	103.6	116.5	135.5	163.8	209.5
15°	69.4	75.7	80.8	85.5	90.6	97.1	106.8	121.4	142.9	175.2	227.4
12.5°	70.1	76.4	81.3	86.1	91.4	98.5	109.5	125.9	150.4	189.1	253.7
10°	70.7	76.9	81.7	86.7	92.1	99.7	111.7	129.7	156.7	201.1	276.2
7.5°	71.3	77.3	82.0	87.0	92.5	100.6	113.3	132.5	161.5	210.6	294.0
5°	71.7	77.6	82.2	87.2	92.9	101.2	114.5	134.5	164.9	217.4	306.5
2.5°	71.9	77.6	82.2	87.3	93.2	101.5	115.1	135.6	167.5	220.6	313.2
0°	72.0	77.5	82.1	87.2	93.3	101.4	115.1	135.8	168.8	220.5	314.2
-2.5°	71.9	77.6	82.2	87.3	93.2	101.5	115.1	135.6	167.5	220.6	313.2
-5°	71.7	77.6	82.2	87.2	92.9	101.2	114.5	134.5	164.9	217.4	306.5
-7.5°	71.3	77.3	82.0	87.0	92.5	100.6	113.3	132.5	161.5	210.6	294.0
-10°	70.7	76.9	81.7	86.7	92.1	99.7	111.7	129.7	156.7	201.1	276.2
-12.5°	70.1	76.4	81.3	86.1	91.4	98.5	109.5	125.9	150.4	189.1	253.7
-15°	69.4	75.7	80.8	85.5	90.6	97.1	106.8	121.4	142.9	175.2	227.4
-17.5°	68.5	74.9	80.2	84.6	89.6	95.3	103.6	116.5	135.5	163.8	209.5
-20°	67.4	73.9	79.4	83.7	88.5	93.7	101.3	112.8	129.2	152.9	188.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	66.2	72.8	78.4	82.7	87.3	92.3	99.0	108.5	122.1	140.5	168.7
-25°	64.9	71.3	77.0	81.7	86.0	90.7	96.4	104.0	115.8	131.5	153.4
-27.5°	63.4	69.7	75.6	80.5	84.6	88.9	94.1	100.9	109.9	122.0	138.2
-30°	61.8	68.0	74.1	79.0	83.2	87.3	91.8	97.4	104.2	114.3	127.4
-32.5°	60.1	66.1	72.2	77.3	81.6	85.6	89.3	94.3	100.1	107.1	117.2
-35°	58.2	64.0	69.9	75.5	79.8	83.7	87.2	91.2	96.1	101.9	109.1
-37.5°	56.1	61.8	67.5	73.3	77.8	81.5	84.9	88.5	92.7	97.2	102.8
-40°	54.0	59.4	64.9	70.5	75.6	79.2	82.6	85.7	89.3	93.2	97.3
-42.5°	51.6	56.9	62.1	67.5	72.6	76.7	80.2	83.1	86.1	89.3	92.9
-45°	49.2	54.2	59.2	64.4	69.5	73.8	77.3	80.6	83.0	85.8	88.7
-47.5°	46.7	51.4	56.1	61.2	66.1	70.6	74.2	77.3	80.0	82.4	84.9
-50°	44.1	48.6	53.0	57.8	62.5	67.1	71.1	74.0	76.6	78.9	81.1
-52.5°	41.3	45.7	49.9	54.3	58.8	63.2	67.3	70.6	73.2	75.6	77.7
-55°	38.4	42.6	46.7	50.8	55.0	59.1	63.1	66.7	69.8	72.1	74.3
-57.5°	35.4	39.3	43.1	47.0	50.9	54.9	58.5	62.3	65.5	68.2	70.5
-60°	32.4	35.9	39.4	43.0	46.7	50.2	53.7	57.1	60.6	63.9	65.8
-62.5°	29.3	32.4	35.5	38.7	42.0	45.3	48.4	51.6	54.8	57.6	60.0
-65°	25.9	28.8	31.6	34.4	37.2	40.1	43.0	45.7	48.5	51.1	53.5
-67.5°	22.4	25.1	27.6	30.1	32.5	35.0	37.4	39.9	42.3	44.7	47.0
-70°	19.2	21.4	23.6	25.8	27.9	30.0	32.2	34.2	36.3	38.3	40.3
-72.5°	16.1	18.0	19.8	21.6	23.5	25.3	27.0	28.7	30.5	32.2	33.9
-75°	13.0	14.5	16.1	17.6	19.1	20.6	22.0	23.5	24.9	26.4	27.7
-77.5°	10.1	11.4	12.6	13.8	14.9	16.1	17.3	18.4	19.6	20.7	21.8
-80°	7.4	8.3	9.3	10.3	11.2	12.0	12.8	13.6	14.4	15.3	16.2
-82.5°	5.0	5.7	6.3	7.0	7.6	8.2	8.7	9.3	9.9	10.5	11.0
-85°	2.8	3.0	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.3
-87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-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: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-U-MWR-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°	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.7	2.9	2.8	2.7
85°	6.6	6.7	6.9	7.0	7.1	7.4	7.7	8.0	8.2	8.2	8.2
82.5°	11.6	12.0	12.3	12.6	12.8	13.2	13.5	13.8	14.1	14.3	14.4
80°	17.1	17.7	18.2	18.7	19.1	19.6	20.1	20.5	20.8	21.0	21.1
77.5°	22.9	23.8	24.6	25.4	26.1	26.8	27.4	28.0	28.5	28.6	28.6
75°	29.1	30.3	31.4	32.4	33.4	34.2	34.9	35.5	35.9	36.2	36.3
72.5°	35.5	37.0	38.3	39.5	40.5	41.4	42.1	42.7	43.3	43.6	43.8
70°	42.3	44.0	45.4	46.5	47.4	48.2	49.1	50.0	50.9	51.4	51.5
67.5°	49.0	50.8	52.1	53.1	53.9	54.7	55.9	57.0	58.0	58.6	59.0
65°	55.7	57.6	58.8	59.8	60.5	61.4	62.7	63.8	64.6	65.2	65.8
62.5°	62.2	64.1	65.6	66.7	67.8	68.7	69.8	70.7	71.4	72.0	72.7
60°	68.0	70.2	71.7	72.8	74.1	75.6	76.4	77.0	77.6	78.2	78.6
57.5°	72.6	74.6	76.4	77.9	79.2	80.6	81.5	82.2	82.7	83.0	83.2
55°	76.5	78.5	80.6	82.2	83.5	84.8	85.8	86.6	87.3	87.8	87.9
52.5°	80.0	82.3	84.4	86.1	87.9	89.3	90.5	91.6	92.5	93.3	93.7
50°	83.7	86.2	88.7	91.1	93.0	94.6	96.0	97.6	99.3	100.6	101.5
47.5°	87.7	90.5	93.6	96.5	98.7	101.2	103.5	105.8	108.9	111.5	113.4
45°	91.9	95.5	99.0	102.7	105.8	110.4	114.8	118.5	123.4	127.9	131.5
42.5°	96.8	101.3	105.6	111.5	117.7	124.0	130.9	136.8	144.5	152.4	158.7
40°	102.6	108.3	115.9	123.9	133.6	142.4	154.3	164.8	176.7	191.6	204.0
37.5°	109.6	118.5	129.0	140.1	155.3	169.9	189.5	210.2	228.9	257.7	281.9
35°	118.7	131.1	145.0	164.6	186.2	213.4	244.0	283.9	318.2	366.7	413.1
32.5°	130.4	146.4	169.1	199.3	231.2	280.7	329.2	398.5	462.7	539.6	622.7
30°	143.5	167.8	202.5	243.9	303.3	376.2	461.8	568.2	684.7	792.8	899.4
27.5°	162.5	197.3	242.8	309.7	402.3	504.2	654.1	798.6	949.3	1083.3	1195.1
25°	184.6	230.6	301.0	399.4	524.7	699.2	878.6	1056.9	1219.1	1359.4	1482.8
22.5°	213.1	279.2	373.1	500.7	695.7	904.8	1115.3	1312.0	1484.9	1641.1	1774.8
20°	244.1	326.9	460.9	651.2	874.2	1112.4	1350.1	1559.6	1750.0	1927.1	2077.7
17.5°	283.4	399.4	569.1	797.3	1055.2	1316.2	1565.9	1793.2	2009.3	2196.7	2354.1
15°	316.9	463.2	684.8	952.4	1231.3	1506.7	1770.2	2017.2	2241.8	2434.1	2582.0
12.5°	361.6	534.7	787.4	1085.7	1387.9	1677.7	1955.3	2210.6	2439.1	2629.3	2744.5
10°	403.9	608.8	886.6	1197.7	1511.7	1820.4	2116.8	2378.6	2590.8	2742.1	2840.3
7.5°	439.8	672.5	967.3	1288.2	1610.1	1932.8	2232.8	2487.6	2683.2	2809.6	2877.9
5°	466.7	720.0	1027.3	1361.8	1692.1	2020.5	2318.1	2557.3	2726.4	2820.2	2854.5
2.5°	483.8	748.0	1062.0	1410.0	1746.9	2076.0	2376.7	2612.0	2755.6	2817.8	2823.6
0°	490.6	751.6	1067.4	1435.4	1760.8	2091.7	2393.3	2634.6	2766.4	2817.5	2816.5
-2.5°	483.8	748.0	1062.0	1410.0	1746.9	2076.0	2376.7	2612.0	2755.6	2817.8	2823.6
-5°	466.7	720.0	1027.3	1361.8	1692.1	2020.5	2318.1	2557.3	2726.4	2820.2	2854.5
-7.5°	439.8	672.5	967.3	1288.2	1610.1	1932.8	2232.8	2487.6	2683.2	2809.6	2877.9
-10°	403.9	608.8	886.6	1197.7	1511.7	1820.4	2116.8	2378.6	2590.8	2742.1	2840.3
-12.5°	361.6	534.7	787.4	1085.7	1387.9	1677.7	1955.3	2210.6	2439.1	2629.3	2744.5
-15°	316.9	463.2	684.8	952.4	1231.3	1506.7	1770.2	2017.2	2241.8	2434.1	2582.0
-17.5°	283.4	399.4	569.1	797.3	1055.2	1316.2	1565.9	1793.2	2009.3	2196.7	2354.1
-20°	244.1	326.9	460.9	651.2	874.2	1112.4	1350.1	1559.6	1750.0	1927.1	2077.7



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	213.1	279.2	373.1	500.7	695.7	904.8	1115.3	1312.0	1484.9	1641.1	1774.8
-25°	184.6	230.6	301.0	399.4	524.7	699.2	878.6	1056.9	1219.1	1359.4	1482.8
-27.5°	162.5	197.3	242.8	309.7	402.3	504.2	654.1	798.6	949.3	1083.3	1195.1
-30°	143.5	167.8	202.5	243.9	303.3	376.2	461.8	568.2	684.7	792.8	899.4
-32.5°	130.4	146.4	169.1	199.3	231.2	280.7	329.2	398.5	462.7	539.6	622.7
-35°	118.7	131.1	145.0	164.6	186.2	213.4	244.0	283.9	318.2	366.7	413.1
-37.5°	109.6	118.5	129.0	140.1	155.3	169.9	189.5	210.2	228.9	257.7	281.9
-40°	102.6	108.3	115.9	123.9	133.6	142.4	154.3	164.8	176.7	191.6	204.0
-42.5°	96.8	101.3	105.6	111.5	117.7	124.0	130.9	136.8	144.5	152.4	158.7
-45°	91.9	95.5	99.0	102.7	105.8	110.4	114.8	118.5	123.4	127.9	131.5
-47.5°	87.7	90.5	93.6	96.5	98.7	101.2	103.5	105.8	108.9	111.5	113.4
-50°	83.7	86.2	88.7	91.1	93.0	94.6	96.0	97.6	99.3	100.6	101.5
-52.5°	80.0	82.3	84.4	86.1	87.9	89.3	90.5	91.6	92.5	93.3	93.7
-55°	76.5	78.5	80.6	82.2	83.5	84.8	85.8	86.6	87.3	87.8	87.9
-57.5°	72.6	74.6	76.4	77.9	79.2	80.6	81.5	82.2	82.7	83.0	83.2
-60°	68.0	70.2	71.7	72.8	74.1	75.6	76.4	77.0	77.6	78.2	78.6
-62.5°	62.2	64.1	65.6	66.7	67.8	68.7	69.8	70.7	71.4	72.0	72.7
-65°	55.7	57.6	58.8	59.8	60.5	61.4	62.7	63.8	64.6	65.2	65.8
-67.5°	49.0	50.8	52.1	53.1	53.9	54.7	55.9	57.0	58.0	58.6	59.0
-70°	42.3	44.0	45.4	46.5	47.4	48.2	49.1	50.0	50.9	51.4	51.5
-72.5°	35.5	37.0	38.3	39.5	40.5	41.4	42.1	42.7	43.3	43.6	43.8
-75°	29.1	30.3	31.4	32.4	33.4	34.2	34.9	35.5	35.9	36.2	36.3
-77.5°	22.9	23.8	24.6	25.4	26.1	26.8	27.4	28.0	28.5	28.6	28.6
-80°	17.1	17.7	18.2	18.7	19.1	19.6	20.1	20.5	20.8	21.0	21.1
-82.5°	11.6	12.0	12.3	12.6	12.8	13.2	13.5	13.8	14.1	14.3	14.4
-85°	6.6	6.7	6.9	7.0	7.1	7.4	7.7	8.0	8.2	8.2	8.2
-87.5°	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.7	2.9	2.8	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-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°	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.8	2.9	2.7
85°	8.1	8.1	7.8	7.6	7.8	8.1	8.1	8.2	8.2	8.2	8.0
82.5°	14.5	14.6	14.4	14.2	14.4	14.6	14.5	14.4	14.3	14.1	13.8
80°	21.2	21.2	21.0	20.8	21.0	21.2	21.2	21.1	21.0	20.8	20.5
77.5°	28.5	28.3	28.4	28.4	28.4	28.3	28.5	28.6	28.6	28.5	28.0
75°	36.4	36.3	36.2	36.0	36.2	36.3	36.4	36.3	36.2	35.9	35.5
72.5°	43.9	43.9	43.8	43.6	43.8	43.9	43.9	43.8	43.6	43.3	42.7
70°	51.6	51.5	51.6	51.7	51.6	51.5	51.6	51.5	51.4	50.9	50.0
67.5°	59.3	59.5	59.5	59.3	59.5	59.5	59.3	59.0	58.6	58.0	57.0
65°	66.3	66.6	66.8	66.9	66.8	66.6	66.3	65.8	65.2	64.6	63.8
62.5°	73.3	73.7	73.7	73.5	73.7	73.7	73.3	72.7	72.0	71.4	70.7
60°	78.8	78.9	78.8	78.6	78.8	78.9	78.8	78.6	78.2	77.6	77.0
57.5°	83.2	83.0	82.8	82.6	82.8	83.0	83.2	83.2	83.0	82.7	82.2
55°	87.9	87.6	87.4	87.2	87.4	87.6	87.9	87.9	87.8	87.3	86.6
52.5°	93.8	93.7	93.5	93.3	93.5	93.7	93.8	93.7	93.3	92.5	91.6
50°	101.9	102.1	102.1	101.9	102.1	102.1	101.9	101.5	100.6	99.3	97.6
47.5°	114.7	115.4	115.8	116.1	115.8	115.4	114.7	113.4	111.5	108.9	105.8
45°	133.7	135.1	136.0	136.8	136.0	135.1	133.7	131.5	127.9	123.4	118.5
42.5°	163.2	166.2	167.6	167.3	167.6	166.2	163.2	158.7	152.4	144.5	136.8
40°	212.3	217.2	219.9	222.0	219.9	217.2	212.3	204.0	191.6	176.7	164.8
37.5°	298.5	308.0	313.0	317.3	313.0	308.0	298.5	281.9	257.7	228.9	210.2
35°	447.8	469.1	480.6	484.5	480.6	469.1	447.8	413.1	366.7	318.2	283.9
32.5°	687.3	726.7	748.5	765.3	748.5	726.7	687.3	622.7	539.6	462.7	398.5
30°	983.8	1035.6	1064.5	1078.6	1064.5	1035.6	983.8	899.4	792.8	684.7	568.2
27.5°	1287.7	1346.7	1377.8	1376.1	1377.8	1346.7	1287.7	1195.1	1083.3	949.3	798.6
25°	1588.7	1657.0	1688.0	1715.7	1688.0	1657.0	1588.7	1482.8	1359.4	1219.1	1056.9
22.5°	1893.1	1973.0	2016.5	2037.0	2016.5	1973.0	1893.1	1774.8	1641.1	1484.9	1312.0
20°	2193.8	2282.8	2329.1	2349.2	2329.1	2282.8	2193.8	2077.7	1927.1	1750.0	1559.6
17.5°	2460.6	2547.5	2591.6	2610.2	2591.6	2547.5	2460.6	2354.1	2196.7	2009.3	1793.2
15°	2673.6	2737.7	2775.2	2785.1	2775.2	2737.7	2673.6	2582.0	2434.1	2241.8	2017.2
12.5°	2820.9	2845.7	2863.7	2869.2	2863.7	2845.7	2820.9	2744.5	2629.3	2439.1	2210.6
10°	2896.1	2884.9	2880.3	2880.9	2880.3	2884.9	2896.1	2840.3	2742.1	2590.8	2378.6
7.5°	2890.9	2874.4	2841.1	2835.8	2841.1	2874.4	2890.9	2877.9	2809.6	2683.2	2487.6
5°	2849.4	2819.2	2764.0	2748.1	2764.0	2819.2	2849.4	2854.5	2820.2	2726.4	2557.3
2.5°	2801.0	2746.6	2695.7	2663.0	2695.7	2746.6	2801.0	2823.6	2817.8	2755.6	2612.0
0°	2786.6	2723.8	2657.9	2636.6	2657.9	2723.8	2786.6	2816.5	2817.5	2766.4	2634.6
-2.5°	2801.0	2746.6	2695.7	2663.0	2695.7	2746.6	2801.0	2823.6	2817.8	2755.6	2612.0
-5°	2849.4	2819.2	2764.0	2748.1	2764.0	2819.2	2849.4	2854.5	2820.2	2726.4	2557.3
-7.5°	2890.9	2874.4	2841.1	2835.8	2841.1	2874.4	2890.9	2877.9	2809.6	2683.2	2487.6
-10°	2896.1	2884.9	2880.3	2880.9	2880.3	2884.9	2896.1	2840.3	2742.1	2590.8	2378.6
-12.5°	2820.9	2845.7	2863.7	2869.2	2863.7	2845.7	2820.9	2744.5	2629.3	2439.1	2210.6
-15°	2673.6	2737.7	2775.2	2785.1	2775.2	2737.7	2673.6	2582.0	2434.1	2241.8	2017.2
-17.5°	2460.6	2547.5	2591.6	2610.2	2591.6	2547.5	2460.6	2354.1	2196.7	2009.3	1793.2
-20°	2193.8	2282.8	2329.1	2349.2	2329.1	2282.8	2193.8	2077.7	1927.1	1750.0	1559.6



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1893.1	1973.0	2016.5	2037.0	2016.5	1973.0	1893.1	1774.8	1641.1	1484.9	1312.0
-25°	1588.7	1657.0	1688.0	1715.7	1688.0	1657.0	1588.7	1482.8	1359.4	1219.1	1056.9
-27.5°	1287.7	1346.7	1377.8	1376.1	1377.8	1346.7	1287.7	1195.1	1083.3	949.3	798.6
-30°	983.8	1035.6	1064.5	1078.6	1064.5	1035.6	983.8	899.4	792.8	684.7	568.2
-32.5°	687.3	726.7	748.5	765.3	748.5	726.7	687.3	622.7	539.6	462.7	398.5
-35°	447.8	469.1	480.6	484.5	480.6	469.1	447.8	413.1	366.7	318.2	283.9
-37.5°	298.5	308.0	313.0	317.3	313.0	308.0	298.5	281.9	257.7	228.9	210.2
-40°	212.3	217.2	219.9	222.0	219.9	217.2	212.3	204.0	191.6	176.7	164.8
-42.5°	163.2	166.2	167.6	167.3	167.6	166.2	163.2	158.7	152.4	144.5	136.8
-45°	133.7	135.1	136.0	136.8	136.0	135.1	133.7	131.5	127.9	123.4	118.5
-47.5°	114.7	115.4	115.8	116.1	115.8	115.4	114.7	113.4	111.5	108.9	105.8
-50°	101.9	102.1	102.1	101.9	102.1	102.1	101.9	101.5	100.6	99.3	97.6
-52.5°	93.8	93.7	93.5	93.3	93.5	93.7	93.8	93.7	93.3	92.5	91.6
-55°	87.9	87.6	87.4	87.2	87.4	87.6	87.9	87.9	87.8	87.3	86.6
-57.5°	83.2	83.0	82.8	82.6	82.8	83.0	83.2	83.2	83.0	82.7	82.2
-60°	78.8	78.9	78.8	78.6	78.8	78.9	78.8	78.6	78.2	77.6	77.0
-62.5°	73.3	73.7	73.7	73.5	73.7	73.7	73.3	72.7	72.0	71.4	70.7
-65°	66.3	66.6	66.8	66.9	66.8	66.6	66.3	65.8	65.2	64.6	63.8
-67.5°	59.3	59.5	59.5	59.3	59.5	59.5	59.3	59.0	58.6	58.0	57.0
-70°	51.6	51.5	51.6	51.7	51.6	51.5	51.6	51.5	51.4	50.9	50.0
-72.5°	43.9	43.9	43.8	43.6	43.8	43.9	43.9	43.8	43.6	43.3	42.7
-75°	36.4	36.3	36.2	36.0	36.2	36.3	36.4	36.3	36.2	35.9	35.5
-77.5°	28.5	28.3	28.4	28.4	28.4	28.3	28.5	28.6	28.6	28.5	28.0
-80°	21.2	21.2	21.0	20.8	21.0	21.2	21.2	21.1	21.0	20.8	20.5
-82.5°	14.5	14.6	14.4	14.2	14.4	14.6	14.5	14.4	14.3	14.1	13.8
-85°	8.1	8.1	7.8	7.6	7.8	8.1	8.1	8.2	8.2	8.2	8.0
-87.5°	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.8	2.9	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-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°	2.6	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
85°	7.7	7.4	7.1	7.0	6.9	6.7	6.6	6.3	6.0	5.7	5.3
82.5°	13.5	13.2	12.8	12.6	12.3	12.0	11.6	11.0	10.5	9.9	9.3
80°	20.1	19.6	19.1	18.7	18.2	17.7	17.1	16.2	15.3	14.4	13.6
77.5°	27.4	26.8	26.1	25.4	24.6	23.8	22.9	21.8	20.7	19.6	18.4
75°	34.9	34.2	33.4	32.4	31.4	30.3	29.1	27.7	26.4	24.9	23.5
72.5°	42.1	41.4	40.5	39.5	38.3	37.0	35.5	33.9	32.2	30.5	28.7
70°	49.1	48.2	47.4	46.5	45.4	44.0	42.3	40.3	38.3	36.3	34.2
67.5°	55.9	54.7	53.9	53.1	52.1	50.8	49.0	47.0	44.7	42.3	39.9
65°	62.7	61.4	60.5	59.8	58.8	57.6	55.7	53.5	51.1	48.5	45.7
62.5°	69.8	68.7	67.8	66.7	65.6	64.1	62.2	60.0	57.6	54.8	51.6
60°	76.4	75.6	74.1	72.8	71.7	70.2	68.0	65.8	63.9	60.6	57.1
57.5°	81.5	80.6	79.2	77.9	76.4	74.6	72.6	70.5	68.2	65.5	62.3
55°	85.8	84.8	83.5	82.2	80.6	78.5	76.5	74.3	72.1	69.8	66.7
52.5°	90.5	89.3	87.9	86.1	84.4	82.3	80.0	77.7	75.6	73.2	70.6
50°	96.0	94.6	93.0	91.1	88.7	86.2	83.7	81.1	78.9	76.6	74.0
47.5°	103.5	101.2	98.7	96.5	93.6	90.5	87.7	84.9	82.4	80.0	77.3
45°	114.8	110.4	105.8	102.7	99.0	95.5	91.9	88.7	85.8	83.0	80.6
42.5°	130.9	124.0	117.7	111.5	105.6	101.3	96.8	92.9	89.3	86.1	83.1
40°	154.3	142.4	133.6	123.9	115.9	108.3	102.6	97.3	93.2	89.3	85.7
37.5°	189.5	169.9	155.3	140.1	129.0	118.5	109.6	102.8	97.2	92.7	88.5
35°	244.0	213.4	186.2	164.6	145.0	131.1	118.7	109.1	101.9	96.1	91.2
32.5°	329.2	280.7	231.2	199.3	169.1	146.4	130.4	117.2	107.1	100.1	94.3
30°	461.8	376.2	303.3	243.9	202.5	167.8	143.5	127.4	114.3	104.2	97.4
27.5°	654.1	504.2	402.3	309.7	242.8	197.3	162.5	138.2	122.0	109.9	100.9
25°	878.6	699.2	524.7	399.4	301.0	230.6	184.6	153.4	131.5	115.8	104.0
22.5°	1115.3	904.8	695.7	500.7	373.1	279.2	213.1	168.7	140.5	122.1	108.5
20°	1350.1	1112.4	874.2	651.2	460.9	326.9	244.1	188.9	152.9	129.2	112.8
17.5°	1565.9	1316.2	1055.2	797.3	569.1	399.4	283.4	209.5	163.8	135.5	116.5
15°	1770.2	1506.7	1231.3	952.4	684.8	463.2	316.9	227.4	175.2	142.9	121.4
12.5°	1955.3	1677.7	1387.9	1085.7	787.4	534.7	361.6	253.7	189.1	150.4	125.9
10°	2116.8	1820.4	1511.7	1197.7	886.6	608.8	403.9	276.2	201.1	156.7	129.7
7.5°	2232.8	1932.8	1610.1	1288.2	967.3	672.5	439.8	294.0	210.6	161.5	132.5
5°	2318.1	2020.5	1692.1	1361.8	1027.3	720.0	466.7	306.5	217.4	164.9	134.5
2.5°	2376.7	2076.0	1746.9	1410.0	1062.0	748.0	483.8	313.2	220.6	167.5	135.6
0°	2393.3	2091.7	1760.8	1435.4	1067.4	751.6	490.6	314.2	220.5	168.8	135.8
-2.5°	2376.7	2076.0	1746.9	1410.0	1062.0	748.0	483.8	313.2	220.6	167.5	135.6
-5°	2318.1	2020.5	1692.1	1361.8	1027.3	720.0	466.7	306.5	217.4	164.9	134.5
-7.5°	2232.8	1932.8	1610.1	1288.2	967.3	672.5	439.8	294.0	210.6	161.5	132.5
-10°	2116.8	1820.4	1511.7	1197.7	886.6	608.8	403.9	276.2	201.1	156.7	129.7
-12.5°	1955.3	1677.7	1387.9	1085.7	787.4	534.7	361.6	253.7	189.1	150.4	125.9
-15°	1770.2	1506.7	1231.3	952.4	684.8	463.2	316.9	227.4	175.2	142.9	121.4
-17.5°	1565.9	1316.2	1055.2	797.3	569.1	399.4	283.4	209.5	163.8	135.5	116.5
-20°	1350.1	1112.4	874.2	651.2	460.9	326.9	244.1	188.9	152.9	129.2	112.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1115.3	904.8	695.7	500.7	373.1	279.2	213.1	168.7	140.5	122.1	108.5
-25°	878.6	699.2	524.7	399.4	301.0	230.6	184.6	153.4	131.5	115.8	104.0
-27.5°	654.1	504.2	402.3	309.7	242.8	197.3	162.5	138.2	122.0	109.9	100.9
-30°	461.8	376.2	303.3	243.9	202.5	167.8	143.5	127.4	114.3	104.2	97.4
-32.5°	329.2	280.7	231.2	199.3	169.1	146.4	130.4	117.2	107.1	100.1	94.3
-35°	244.0	213.4	186.2	164.6	145.0	131.1	118.7	109.1	101.9	96.1	91.2
-37.5°	189.5	169.9	155.3	140.1	129.0	118.5	109.6	102.8	97.2	92.7	88.5
-40°	154.3	142.4	133.6	123.9	115.9	108.3	102.6	97.3	93.2	89.3	85.7
-42.5°	130.9	124.0	117.7	111.5	105.6	101.3	96.8	92.9	89.3	86.1	83.1
-45°	114.8	110.4	105.8	102.7	99.0	95.5	91.9	88.7	85.8	83.0	80.6
-47.5°	103.5	101.2	98.7	96.5	93.6	90.5	87.7	84.9	82.4	80.0	77.3
-50°	96.0	94.6	93.0	91.1	88.7	86.2	83.7	81.1	78.9	76.6	74.0
-52.5°	90.5	89.3	87.9	86.1	84.4	82.3	80.0	77.7	75.6	73.2	70.6
-55°	85.8	84.8	83.5	82.2	80.6	78.5	76.5	74.3	72.1	69.8	66.7
-57.5°	81.5	80.6	79.2	77.9	76.4	74.6	72.6	70.5	68.2	65.5	62.3
-60°	76.4	75.6	74.1	72.8	71.7	70.2	68.0	65.8	63.9	60.6	57.1
-62.5°	69.8	68.7	67.8	66.7	65.6	64.1	62.2	60.0	57.6	54.8	51.6
-65°	62.7	61.4	60.5	59.8	58.8	57.6	55.7	53.5	51.1	48.5	45.7
-67.5°	55.9	54.7	53.9	53.1	52.1	50.8	49.0	47.0	44.7	42.3	39.9
-70°	49.1	48.2	47.4	46.5	45.4	44.0	42.3	40.3	38.3	36.3	34.2
-72.5°	42.1	41.4	40.5	39.5	38.3	37.0	35.5	33.9	32.2	30.5	28.7
-75°	34.9	34.2	33.4	32.4	31.4	30.3	29.1	27.7	26.4	24.9	23.5
-77.5°	27.4	26.8	26.1	25.4	24.6	23.8	22.9	21.8	20.7	19.6	18.4
-80°	20.1	19.6	19.1	18.7	18.2	17.7	17.1	16.2	15.3	14.4	13.6
-82.5°	13.5	13.2	12.8	12.6	12.3	12.0	11.6	11.0	10.5	9.9	9.3
-85°	7.7	7.4	7.1	7.0	6.9	6.7	6.6	6.3	6.0	5.7	5.3
-87.5°	2.6	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	0.9	0.8
85°	5.0	4.6	4.2	3.8	3.4	3.0	2.8	2.5	2.2	1.9	1.6
82.5°	8.7	8.2	7.6	7.0	6.3	5.7	5.0	4.3	3.6	2.9	2.4
80°	12.8	12.0	11.2	10.3	9.3	8.3	7.4	6.5	5.6	4.7	3.7
77.5°	17.3	16.1	14.9	13.8	12.6	11.4	10.1	8.8	7.6	6.5	5.3
75°	22.0	20.6	19.1	17.6	16.1	14.5	13.0	11.5	9.9	8.3	6.9
72.5°	27.0	25.3	23.5	21.6	19.8	18.0	16.1	14.2	12.3	10.5	8.6
70°	32.2	30.0	27.9	25.8	23.6	21.4	19.2	17.0	14.8	12.6	10.5
67.5°	37.4	35.0	32.5	30.1	27.6	25.1	22.4	19.8	17.2	14.8	12.3
65°	43.0	40.1	37.2	34.4	31.6	28.8	25.9	22.6	19.7	16.9	14.2
62.5°	48.4	45.3	42.0	38.7	35.5	32.4	29.3	25.7	22.1	19.0	16.0
60°	53.7	50.2	46.7	43.0	39.4	35.9	32.4	28.6	24.8	21.0	17.7
57.5°	58.5	54.9	50.9	47.0	43.1	39.3	35.4	31.4	27.3	23.2	19.4
55°	63.1	59.1	55.0	50.8	46.7	42.6	38.4	34.1	29.8	25.4	21.1
52.5°	67.3	63.2	58.8	54.3	49.9	45.7	41.3	36.8	32.2	27.5	23.0
50°	71.1	67.1	62.5	57.8	53.0	48.6	44.1	39.3	34.5	29.6	24.7
47.5°	74.2	70.6	66.1	61.2	56.1	51.4	46.7	41.7	36.6	31.5	26.5
45°	77.3	73.8	69.5	64.4	59.2	54.2	49.2	44.1	38.8	33.4	28.1
42.5°	80.2	76.7	72.6	67.5	62.1	56.9	51.6	46.3	40.8	35.2	29.7
40°	82.6	79.2	75.6	70.5	64.9	59.4	54.0	48.4	42.7	36.9	31.2
37.5°	84.9	81.5	77.8	73.3	67.5	61.8	56.1	50.5	44.6	38.5	32.5
35°	87.2	83.7	79.8	75.5	69.9	64.0	58.2	52.4	46.3	40.1	33.8
32.5°	89.3	85.6	81.6	77.3	72.2	66.1	60.1	54.1	48.0	41.6	35.1
30°	91.8	87.3	83.2	79.0	74.1	68.0	61.8	55.7	49.5	43.0	36.2
27.5°	94.1	88.9	84.6	80.5	75.6	69.7	63.4	57.1	50.8	44.3	37.3
25°	96.4	90.7	86.0	81.7	77.0	71.3	64.9	58.5	52.0	45.4	38.4
22.5°	99.0	92.3	87.3	82.7	78.4	72.8	66.2	59.7	53.1	46.4	39.3
20°	101.3	93.7	88.5	83.7	79.4	73.9	67.4	60.8	54.1	47.3	40.2
17.5°	103.6	95.3	89.6	84.6	80.2	74.9	68.5	61.7	54.9	48.1	40.9
15°	106.8	97.1	90.6	85.5	80.8	75.7	69.4	62.5	55.6	48.7	41.6
12.5°	109.5	98.5	91.4	86.1	81.3	76.4	70.1	63.2	56.2	49.3	42.2
10°	111.7	99.7	92.1	86.7	81.7	76.9	70.7	63.7	56.8	49.8	42.7
7.5°	113.3	100.6	92.5	87.0	82.0	77.3	71.3	64.3	57.2	50.2	43.1
5°	114.5	101.2	92.9	87.2	82.2	77.6	71.7	64.6	57.5	50.5	43.4
2.5°	115.1	101.5	93.2	87.3	82.2	77.6	71.9	64.8	57.7	50.6	43.5
0°	115.1	101.4	93.3	87.2	82.1	77.5	72.0	64.9	57.8	50.7	43.6
-2.5°	115.1	101.5	93.2	87.3	82.2	77.6	71.9	64.8	57.7	50.6	43.5
-5°	114.5	101.2	92.9	87.2	82.2	77.6	71.7	64.6	57.5	50.5	43.4
-7.5°	113.3	100.6	92.5	87.0	82.0	77.3	71.3	64.3	57.2	50.2	43.1
-10°	111.7	99.7	92.1	86.7	81.7	76.9	70.7	63.7	56.8	49.8	42.7
-12.5°	109.5	98.5	91.4	86.1	81.3	76.4	70.1	63.2	56.2	49.3	42.2
-15°	106.8	97.1	90.6	85.5	80.8	75.7	69.4	62.5	55.6	48.7	41.6
-17.5°	103.6	95.3	89.6	84.6	80.2	74.9	68.5	61.7	54.9	48.1	40.9
-20°	101.3	93.7	88.5	83.7	79.4	73.9	67.4	60.8	54.1	47.3	40.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	99.0	92.3	87.3	82.7	78.4	72.8	66.2	59.7	53.1	46.4	39.3
-25°	96.4	90.7	86.0	81.7	77.0	71.3	64.9	58.5	52.0	45.4	38.4
-27.5°	94.1	88.9	84.6	80.5	75.6	69.7	63.4	57.1	50.8	44.3	37.3
-30°	91.8	87.3	83.2	79.0	74.1	68.0	61.8	55.7	49.5	43.0	36.2
-32.5°	89.3	85.6	81.6	77.3	72.2	66.1	60.1	54.1	48.0	41.6	35.1
-35°	87.2	83.7	79.8	75.5	69.9	64.0	58.2	52.4	46.3	40.1	33.8
-37.5°	84.9	81.5	77.8	73.3	67.5	61.8	56.1	50.5	44.6	38.5	32.5
-40°	82.6	79.2	75.6	70.5	64.9	59.4	54.0	48.4	42.7	36.9	31.2
-42.5°	80.2	76.7	72.6	67.5	62.1	56.9	51.6	46.3	40.8	35.2	29.7
-45°	77.3	73.8	69.5	64.4	59.2	54.2	49.2	44.1	38.8	33.4	28.1
-47.5°	74.2	70.6	66.1	61.2	56.1	51.4	46.7	41.7	36.6	31.5	26.5
-50°	71.1	67.1	62.5	57.8	53.0	48.6	44.1	39.3	34.5	29.6	24.7
-52.5°	67.3	63.2	58.8	54.3	49.9	45.7	41.3	36.8	32.2	27.5	23.0
-55°	63.1	59.1	55.0	50.8	46.7	42.6	38.4	34.1	29.8	25.4	21.1
-57.5°	58.5	54.9	50.9	47.0	43.1	39.3	35.4	31.4	27.3	23.2	19.4
-60°	53.7	50.2	46.7	43.0	39.4	35.9	32.4	28.6	24.8	21.0	17.7
-62.5°	48.4	45.3	42.0	38.7	35.5	32.4	29.3	25.7	22.1	19.0	16.0
-65°	43.0	40.1	37.2	34.4	31.6	28.8	25.9	22.6	19.7	16.9	14.2
-67.5°	37.4	35.0	32.5	30.1	27.6	25.1	22.4	19.8	17.2	14.8	12.3
-70°	32.2	30.0	27.9	25.8	23.6	21.4	19.2	17.0	14.8	12.6	10.5
-72.5°	27.0	25.3	23.5	21.6	19.8	18.0	16.1	14.2	12.3	10.5	8.6
-75°	22.0	20.6	19.1	17.6	16.1	14.5	13.0	11.5	9.9	8.3	6.9
-77.5°	17.3	16.1	14.9	13.8	12.6	11.4	10.1	8.8	7.6	6.5	5.3
-80°	12.8	12.0	11.2	10.3	9.3	8.3	7.4	6.5	5.6	4.7	3.7
-82.5°	8.7	8.2	7.6	7.0	6.3	5.7	5.0	4.3	3.6	2.9	2.4
-85°	5.0	4.6	4.2	3.8	3.4	3.0	2.8	2.5	2.2	1.9	1.6
-87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	0.9	0.8
-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: P626537 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MWR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.7	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	4.1	2.9	2.2	1.6	1.1	0.5	0.0
75°	5.5	4.1	2.7	1.9	1.3	0.6	0.0
72.5°	6.9	5.3	3.6	2.2	1.5	0.8	0.0
70°	8.3	6.4	4.5	2.6	1.7	0.9	0.0
67.5°	9.9	7.5	5.4	3.3	1.9	1.0	0.0
65°	11.4	8.7	6.3	4.0	2.1	1.1	0.0
62.5°	13.0	10.0	7.2	4.6	2.3	1.2	0.0
60°	14.4	11.2	8.1	5.3	2.5	1.2	0.0
57.5°	15.9	12.4	9.0	5.9	2.9	1.3	0.0
55°	17.4	13.5	9.9	6.5	3.3	1.4	0.0
52.5°	18.8	14.6	10.8	7.1	3.7	1.5	0.0
50°	20.2	15.8	11.6	7.7	4.1	1.6	0.0
47.5°	21.5	16.9	12.4	8.2	4.4	1.7	0.0
45°	22.9	18.0	13.2	8.8	4.8	1.8	0.0
42.5°	24.2	19.0	13.9	9.4	5.1	1.8	0.0
40°	25.5	20.0	14.7	9.9	5.4	1.9	0.0
37.5°	26.7	21.0	15.4	10.4	5.7	2.0	0.0
35°	27.8	21.9	16.2	10.8	5.9	2.0	0.0
32.5°	28.9	22.8	16.8	11.2	6.2	2.1	0.0
30°	29.8	23.6	17.5	11.6	6.4	2.2	0.0
27.5°	30.7	24.4	18.0	12.0	6.6	2.2	0.0
25°	31.5	25.0	18.5	12.3	6.8	2.3	0.0
22.5°	32.3	25.6	19.0	12.6	7.0	2.3	0.0
20°	32.9	26.2	19.4	12.8	7.1	2.3	0.0
17.5°	33.5	26.6	19.8	13.1	7.3	2.4	0.0
15°	34.0	27.0	20.1	13.3	7.4	2.4	0.0
12.5°	34.4	27.3	20.3	13.4	7.5	2.4	0.0
10°	34.8	27.6	20.5	13.6	7.5	2.5	0.0
7.5°	35.1	27.8	20.7	13.6	7.6	2.5	0.0
5°	35.3	27.9	20.8	13.7	7.6	2.5	0.0
2.5°	35.5	27.9	20.8	13.7	7.6	2.5	0.0
0°	35.5	27.9	20.8	13.7	7.6	2.5	0.0
-2.5°	35.5	27.9	20.8	13.7	7.6	2.5	0.0
-5°	35.3	27.9	20.8	13.7	7.6	2.5	0.0
-7.5°	35.1	27.8	20.7	13.6	7.6	2.5	0.0
-10°	34.8	27.6	20.5	13.6	7.5	2.5	0.0
-12.5°	34.4	27.3	20.3	13.4	7.5	2.4	0.0
-15°	34.0	27.0	20.1	13.3	7.4	2.4	0.0
-17.5°	33.5	26.6	19.8	13.1	7.3	2.4	0.0
-20°	32.9	26.2	19.4	12.8	7.1	2.3	0.0

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CATALOG NUMBER: GFLD-SA1A-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.3	25.6	19.0	12.6	7.0	2.3	0.0
-25°	31.5	25.0	18.5	12.3	6.8	2.3	0.0
-27.5°	30.7	24.4	18.0	12.0	6.6	2.2	0.0
-30°	29.8	23.6	17.5	11.6	6.4	2.2	0.0
-32.5°	28.9	22.8	16.8	11.2	6.2	2.1	0.0
-35°	27.8	21.9	16.2	10.8	5.9	2.0	0.0
-37.5°	26.7	21.0	15.4	10.4	5.7	2.0	0.0
-40°	25.5	20.0	14.7	9.9	5.4	1.9	0.0
-42.5°	24.2	19.0	13.9	9.4	5.1	1.8	0.0
-45°	22.9	18.0	13.2	8.8	4.8	1.8	0.0
-47.5°	21.5	16.9	12.4	8.2	4.4	1.7	0.0
-50°	20.2	15.8	11.6	7.7	4.1	1.6	0.0
-52.5°	18.8	14.6	10.8	7.1	3.7	1.5	0.0
-55°	17.4	13.5	9.9	6.5	3.3	1.4	0.0
-57.5°	15.9	12.4	9.0	5.9	2.9	1.3	0.0
-60°	14.4	11.2	8.1	5.3	2.5	1.2	0.0
-62.5°	13.0	10.0	7.2	4.6	2.3	1.2	0.0
-65°	11.4	8.7	6.3	4.0	2.1	1.1	0.0
-67.5°	9.9	7.5	5.4	3.3	1.9	1.0	0.0
-70°	8.3	6.4	4.5	2.6	1.7	0.9	0.0
-72.5°	6.9	5.3	3.6	2.2	1.5	0.8	0.0
-75°	5.5	4.1	2.7	1.9	1.3	0.6	0.0
-77.5°	4.1	2.9	2.2	1.6	1.1	0.5	0.0
-80°	2.7	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)