

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: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626597 (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-SA1B-727-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N11
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4066.9 lumens
Efficiency: N/A
Efficacy: 121.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 4778.4 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 2699.3 lumens
Beam Efficiency: 66.4%

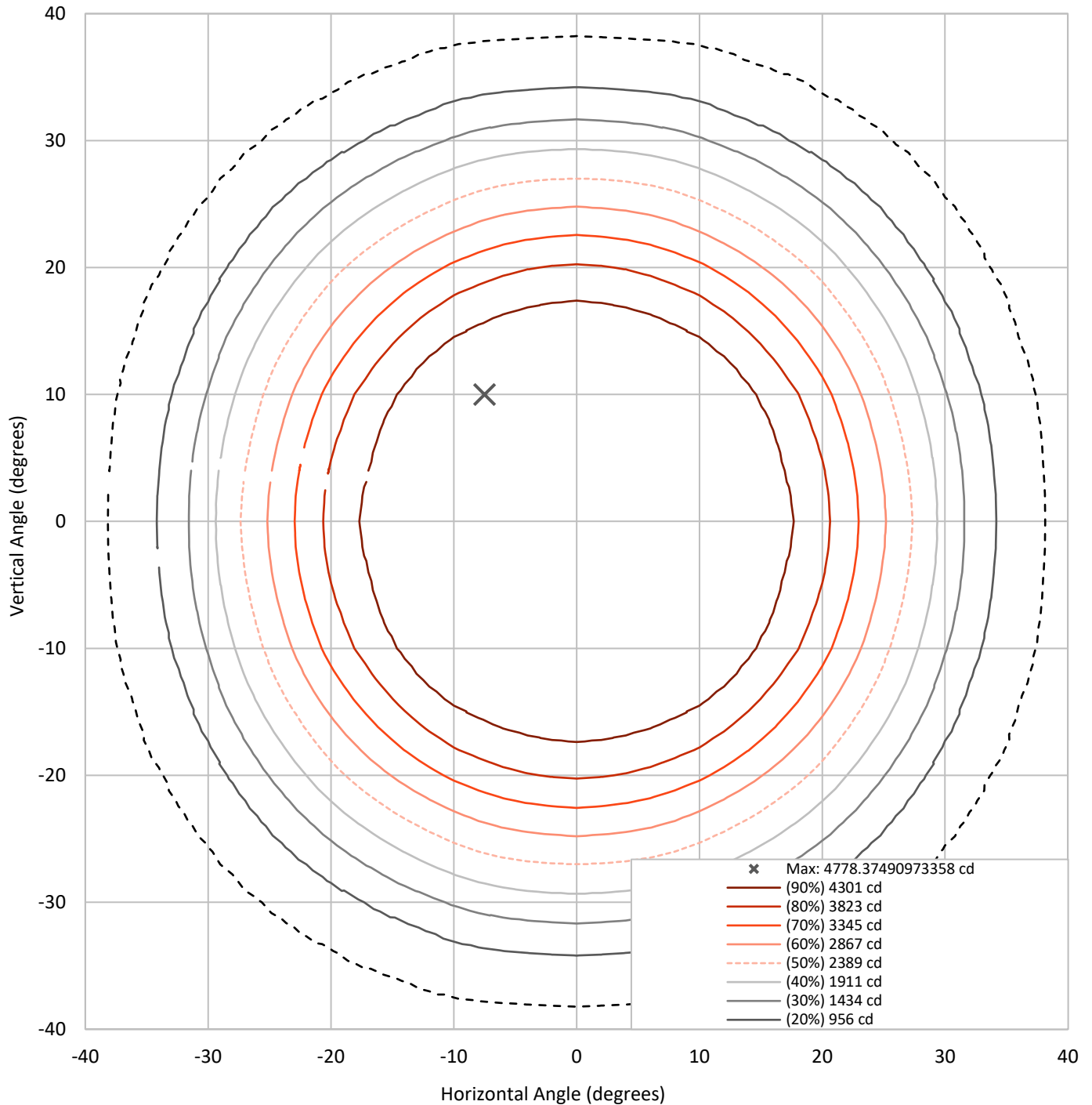
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 3509.9 lumens
Field Efficiency: 86.3%

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





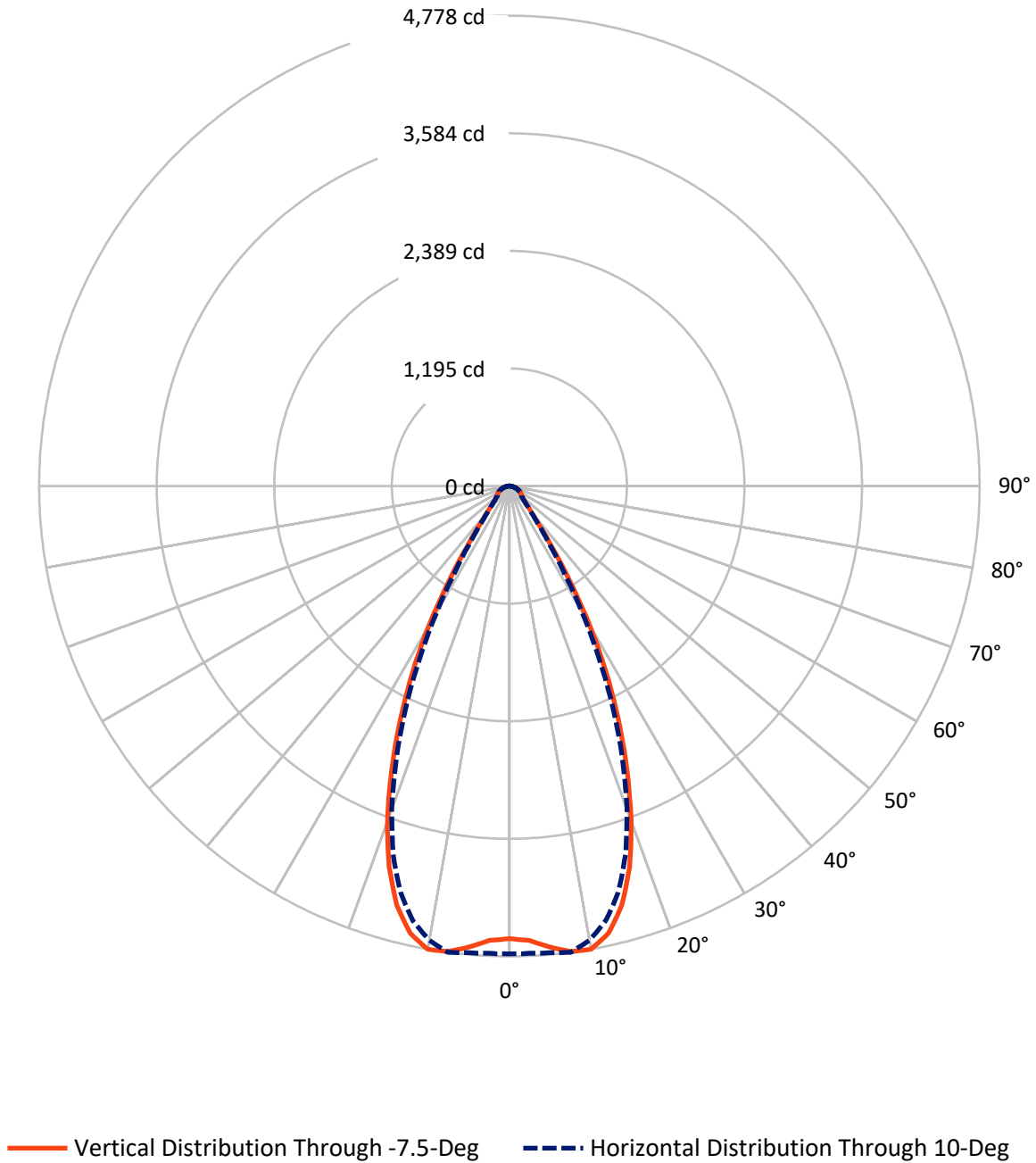
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Lumen Table

90	0.1	1.0	2.6	4.0	4.5	4.0	2.6	1.0	0.1										
80	0.1	1.0	2.6	4.0	4.5	4.0	2.6	1.0	0.1										
70	0.4	0.5	1.0	1.6	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.6	1.0	0.5	0.4			
60		0.7	1.5	2.3	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.3	1.5	0.7				
50	0.8	0.9	1.9	2.8	3.8	5.0	6.2	7.2	7.2	6.2	5.0	3.8	2.8	1.9	0.9	0.8			
40		1.1	2.2	3.3	5.1	9.2	17.7	26.2	26.2	17.7	9.2	5.1	3.3	2.2	1.1				
30	1.0	1.3	2.4	3.8	8.3	26.1	58.6	81.8	81.8	58.6	26.1	8.3	3.8	2.4	1.3	1.0			
20		1.3	2.5	4.5	15.1	55.7	106.3	133.0	133.0	106.3	55.7	15.1	4.5	2.5	1.3				
10	1.1	1.4	2.5	5.1	21.7	76.2	128.9	140.3	140.3	128.9	76.2	21.7	5.1	2.5	1.4	1.1			
0		1.4	2.5	5.1	21.7	76.2	128.9	140.3	140.3	128.9	76.2	21.7	5.1	2.5	1.4				
-10	1.0	1.3	2.5	4.5	15.1	55.7	106.3	133.0	133.0	106.3	55.7	15.1	4.5	2.5	1.3	1.0			
-20		1.3	2.4	3.8	8.3	26.1	58.6	81.8	81.8	58.6	26.1	8.3	3.8	2.4	1.3				
-30	0.8	1.1	2.2	3.3	5.1	9.2	17.7	26.2	26.2	17.7	9.2	5.1	3.3	2.2	1.1	0.8			
-40		0.9	1.9	2.8	3.8	5.0	6.2	7.2	7.2	6.2	5.0	3.8	2.8	1.9	0.9				
-50	0.4	0.7	1.5	2.3	3.1	3.8	4.2	4.4	4.4	4.2	3.8	3.1	2.3	1.5	0.7	0.4			
-60		0.5	1.0	1.6	2.3	2.8	3.1	3.3	3.3	3.1	2.8	2.3	1.6	1.0	0.5				
-70	0.1	1.0	2.6	4.0	4.5	4.0	2.6	1.0	0.1						0.1				
-80		0.1	1.0	2.6	4.0	4.5	4.0	2.6	1.0	0.1									
-90	0.1	1.0	2.6	4.0	4.5	4.0	2.6	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

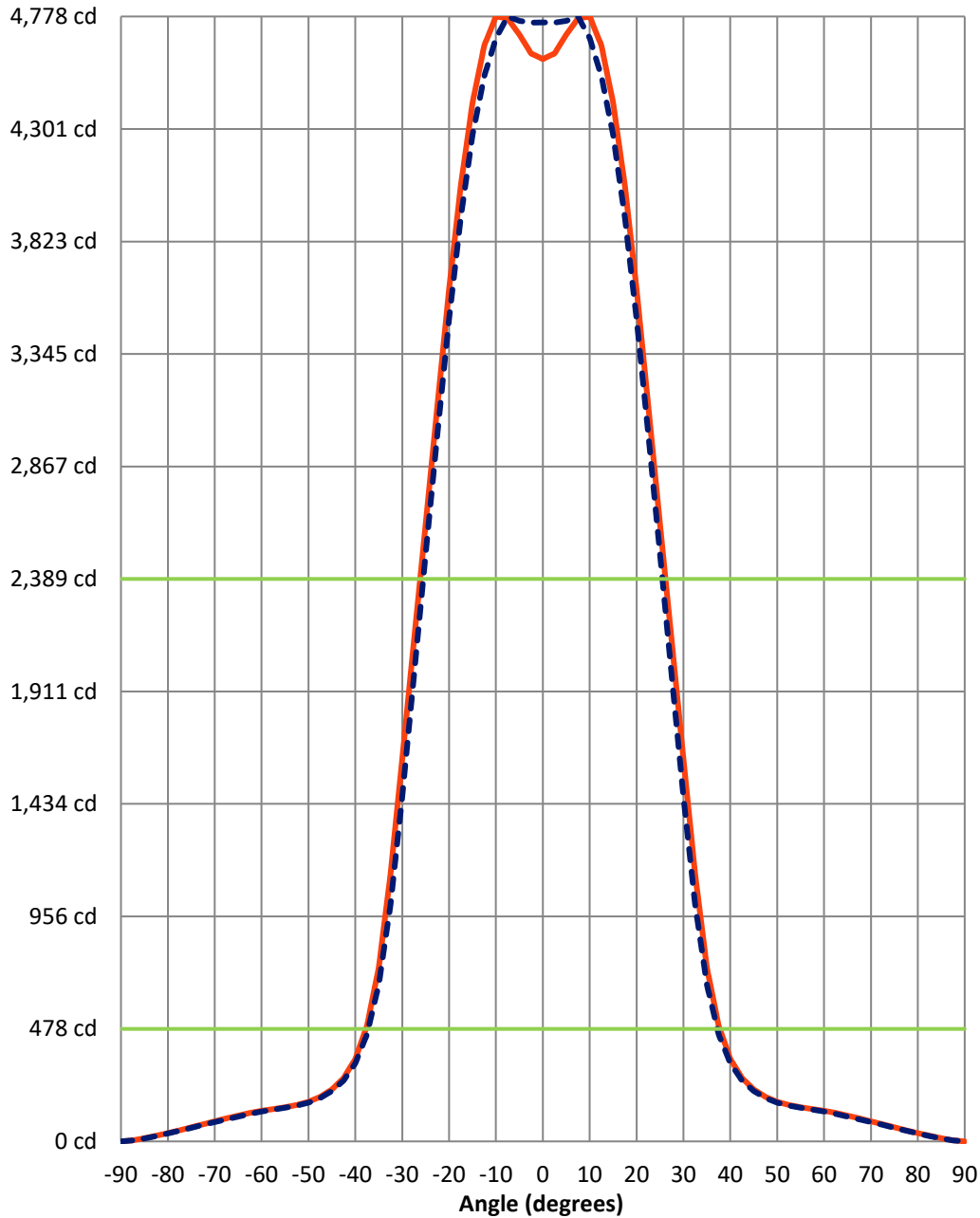
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 2699.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 3509.9
 Efficiency: 86.3%

Spill:
 Lumens: 557
 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	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.1
85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.1	3.7	4.2
82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.9	4.8	6.0	7.2
80°	0.0	0.7	1.5	2.2	2.9	3.6	4.5	6.2	7.8	9.3	10.7
77.5°	0.0	0.9	1.8	2.7	3.6	4.9	6.8	8.8	10.7	12.5	14.5
75°	0.0	1.1	2.2	3.3	4.5	6.8	9.1	11.5	13.7	16.4	19.0
72.5°	0.0	1.3	2.5	3.8	6.0	8.7	11.4	14.2	17.3	20.4	23.4
70°	0.0	1.4	2.9	4.4	7.5	10.6	13.7	17.3	20.9	24.4	28.1
67.5°	0.0	1.6	3.2	5.5	9.0	12.5	16.4	20.4	24.4	28.5	32.6
65°	0.0	1.8	3.5	6.6	10.5	14.4	18.9	23.4	27.9	32.5	37.3
62.5°	0.0	1.9	3.9	7.7	11.9	16.5	21.4	26.4	31.3	36.5	42.4
60°	0.0	2.1	4.2	8.8	13.3	18.5	23.8	29.3	34.6	40.9	47.2
57.5°	0.0	2.3	4.9	9.8	14.9	20.5	26.3	32.1	38.3	45.1	51.9
55°	0.0	2.4	5.5	10.8	16.3	22.3	28.6	34.8	41.9	49.2	56.3
52.5°	0.0	2.6	6.2	11.8	17.8	24.2	31.0	37.8	45.4	53.1	60.6
50°	0.0	2.7	6.8	12.7	19.2	26.1	33.2	40.8	48.8	56.8	64.8
47.5°	0.0	2.8	7.3	13.6	20.5	27.9	35.4	43.7	52.0	60.5	68.9
45°	0.0	3.0	7.9	14.6	21.8	29.7	37.8	46.4	55.1	63.9	72.8
42.5°	0.0	3.1	8.4	15.5	23.0	31.4	40.0	48.9	58.0	67.3	76.4
40°	0.0	3.2	8.9	16.3	24.2	33.0	42.1	51.4	60.9	70.5	79.9
37.5°	0.0	3.3	9.4	17.1	25.4	34.6	44.0	53.7	63.6	73.6	83.3
35°	0.0	3.4	9.8	17.8	26.6	36.1	45.9	55.8	66.2	76.5	86.5
32.5°	0.0	3.5	10.2	18.5	27.7	37.6	47.6	57.8	68.7	79.1	89.3
30°	0.0	3.6	10.6	19.2	28.8	38.9	49.2	59.7	71.0	81.6	91.9
27.5°	0.0	3.7	10.9	19.7	29.7	40.1	50.6	61.5	73.1	83.8	94.3
25°	0.0	3.8	11.3	20.3	30.6	41.3	52.0	63.2	74.9	85.8	96.4
22.5°	0.0	3.9	11.5	20.8	31.3	42.3	53.2	64.8	76.6	87.6	98.4
20°	0.0	3.9	11.8	21.2	32.0	43.1	54.2	66.2	78.0	89.2	100.2
17.5°	0.0	4.0	12.0	21.6	32.6	43.9	55.2	67.5	79.3	90.5	101.7
15°	0.0	4.1	12.2	21.9	33.1	44.5	56.0	68.6	80.3	91.7	103.1
12.5°	0.0	4.1	12.3	22.1	33.5	45.0	56.8	69.6	81.3	92.7	104.2
10°	0.0	4.1	12.4	22.3	33.9	45.4	57.4	70.4	82.1	93.6	105.1
7.5°	0.0	4.2	12.5	22.5	34.1	45.8	57.9	71.1	82.8	94.4	105.9
5°	0.0	4.2	12.5	22.6	34.3	46.0	58.2	71.5	83.2	94.9	106.5
2.5°	0.0	4.2	12.5	22.6	34.3	46.0	58.4	71.8	83.5	95.2	106.9
0°	0.0	4.2	12.5	22.6	34.3	46.0	58.5	71.9	83.6	95.3	107.0
-2.5°	0.0	4.2	12.5	22.6	34.3	46.0	58.4	71.8	83.5	95.2	106.9
-5°	0.0	4.2	12.5	22.6	34.3	46.0	58.2	71.5	83.2	94.9	106.5
-7.5°	0.0	4.2	12.5	22.5	34.1	45.8	57.9	71.1	82.8	94.4	105.9
-10°	0.0	4.1	12.4	22.3	33.9	45.4	57.4	70.4	82.1	93.6	105.1
-12.5°	0.0	4.1	12.3	22.1	33.5	45.0	56.8	69.6	81.3	92.7	104.2
-15°	0.0	4.1	12.2	21.9	33.1	44.5	56.0	68.6	80.3	91.7	103.1
-17.5°	0.0	4.0	12.0	21.6	32.6	43.9	55.2	67.5	79.3	90.5	101.7
-20°	0.0	3.9	11.8	21.2	32.0	43.1	54.2	66.2	78.0	89.2	100.2

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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	3.9	11.5	20.8	31.3	42.3	53.2	64.8	76.6	87.6	98.4
-25°	0.0	3.8	11.3	20.3	30.6	41.3	52.0	63.2	74.9	85.8	96.4
-27.5°	0.0	3.7	10.9	19.7	29.7	40.1	50.6	61.5	73.1	83.8	94.3
-30°	0.0	3.6	10.6	19.2	28.8	38.9	49.2	59.7	71.0	81.6	91.9
-32.5°	0.0	3.5	10.2	18.5	27.7	37.6	47.6	57.8	68.7	79.1	89.3
-35°	0.0	3.4	9.8	17.8	26.6	36.1	45.9	55.8	66.2	76.5	86.5
-37.5°	0.0	3.3	9.4	17.1	25.4	34.6	44.0	53.7	63.6	73.6	83.3
-40°	0.0	3.2	8.9	16.3	24.2	33.0	42.1	51.4	60.9	70.5	79.9
-42.5°	0.0	3.1	8.4	15.5	23.0	31.4	40.0	48.9	58.0	67.3	76.4
-45°	0.0	3.0	7.9	14.6	21.8	29.7	37.8	46.4	55.1	63.9	72.8
-47.5°	0.0	2.8	7.3	13.6	20.5	27.9	35.4	43.7	52.0	60.5	68.9
-50°	0.0	2.7	6.8	12.7	19.2	26.1	33.2	40.8	48.8	56.8	64.8
-52.5°	0.0	2.6	6.2	11.8	17.8	24.2	31.0	37.8	45.4	53.1	60.6
-55°	0.0	2.4	5.5	10.8	16.3	22.3	28.6	34.8	41.9	49.2	56.3
-57.5°	0.0	2.3	4.9	9.8	14.9	20.5	26.3	32.1	38.3	45.1	51.9
-60°	0.0	2.1	4.2	8.8	13.3	18.5	23.8	29.3	34.6	40.9	47.2
-62.5°	0.0	1.9	3.9	7.7	11.9	16.5	21.4	26.4	31.3	36.5	42.4
-65°	0.0	1.8	3.5	6.6	10.5	14.4	18.9	23.4	27.9	32.5	37.3
-67.5°	0.0	1.6	3.2	5.5	9.0	12.5	16.4	20.4	24.4	28.5	32.6
-70°	0.0	1.4	2.9	4.4	7.5	10.6	13.7	17.3	20.9	24.4	28.1
-72.5°	0.0	1.3	2.5	3.8	6.0	8.7	11.4	14.2	17.3	20.4	23.4
-75°	0.0	1.1	2.2	3.3	4.5	6.8	9.1	11.5	13.7	16.4	19.0
-77.5°	0.0	0.9	1.8	2.7	3.6	4.9	6.8	8.8	10.7	12.5	14.5
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.5	6.2	7.8	9.3	10.7
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.9	4.8	6.0	7.2
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.1	3.7	4.2
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.8	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



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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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.7	6.3	7.0	7.6	8.2	8.8	9.4	9.9	10.4
82.5°	8.3	9.4	10.5	11.6	12.6	13.5	14.4	15.4	16.3	17.3	18.2
80°	12.2	13.7	15.4	17.1	18.5	19.9	21.2	22.5	23.9	25.3	26.8
77.5°	16.7	18.9	20.9	22.8	24.6	26.6	28.6	30.4	32.3	34.2	36.0
75°	21.6	24.0	26.6	29.2	31.6	34.0	36.4	38.7	41.1	43.5	45.8
72.5°	26.6	29.7	32.7	35.7	38.7	41.7	44.6	47.4	50.2	53.2	56.0
70°	31.7	35.3	39.0	42.6	46.1	49.6	53.1	56.5	59.8	63.2	66.6
67.5°	36.9	41.4	45.6	49.6	53.7	57.8	61.8	65.9	69.8	73.7	77.5
65°	42.7	47.5	52.1	56.8	61.4	66.2	70.9	75.5	80.0	84.5	88.4
62.5°	48.3	53.5	58.6	63.9	69.4	74.8	79.9	85.1	90.5	95.1	99.1
60°	53.5	59.2	65.0	70.9	77.0	82.9	88.6	94.3	100.0	105.3	108.6
57.5°	58.5	64.9	71.2	77.6	84.1	90.6	96.6	102.8	108.1	112.6	116.4
55°	63.4	70.3	77.0	83.8	90.7	97.5	104.1	110.0	115.2	118.9	122.6
52.5°	68.1	75.4	82.4	89.7	97.0	104.3	111.2	116.6	120.9	124.7	128.1
50°	72.7	80.1	87.5	95.4	103.2	110.8	117.3	122.1	126.4	130.2	133.7
47.5°	77.0	84.7	92.6	101.0	109.1	116.5	122.5	127.5	131.9	135.9	140.2
45°	81.2	89.4	97.7	106.3	114.7	121.8	127.5	133.0	137.1	141.6	146.5
42.5°	85.2	93.8	102.5	111.4	119.9	126.5	132.3	137.2	142.1	147.4	153.3
40°	89.0	98.0	107.1	116.3	124.8	130.7	136.3	141.5	147.4	153.8	160.7
37.5°	92.6	101.9	111.4	121.0	128.4	134.5	140.2	146.1	152.9	160.4	169.6
35°	96.0	105.6	115.4	124.6	131.6	138.1	144.0	150.6	158.6	168.3	180.1
32.5°	99.1	109.0	119.1	127.5	134.6	141.3	147.4	155.6	165.2	176.7	193.5
30°	101.9	112.1	122.2	130.4	137.3	144.0	151.4	160.6	171.9	188.7	210.2
27.5°	104.6	114.9	124.7	132.8	139.7	146.6	155.3	166.5	181.3	201.3	228.1
25°	107.0	117.6	127.0	134.8	141.9	149.6	159.1	171.6	191.1	217.0	253.1
22.5°	109.2	120.0	129.3	136.5	144.0	152.3	163.4	179.0	201.5	231.7	278.3
20°	111.2	121.9	131.0	138.1	145.9	154.6	167.2	186.1	213.2	252.3	311.8
17.5°	112.9	123.5	132.3	139.7	147.8	157.1	171.0	192.2	223.5	270.3	345.6
15°	114.4	124.9	133.3	141.0	149.4	160.1	176.1	200.2	235.6	289.0	375.1
12.5°	115.6	126.0	134.2	142.1	150.8	162.6	180.6	207.7	248.1	312.0	418.6
10°	116.6	126.9	134.9	143.0	151.9	164.5	184.2	213.9	258.5	331.9	455.7
7.5°	117.5	127.5	135.3	143.6	152.6	166.0	186.9	218.7	266.5	347.5	485.1
5°	118.2	127.9	135.6	143.9	153.3	166.9	188.8	222.0	272.0	358.7	505.7
2.5°	118.6	128.0	135.6	144.0	153.7	167.4	189.8	223.8	276.3	364.0	516.8
0°	118.7	127.9	135.5	143.8	153.9	167.3	189.8	224.1	278.5	363.8	518.5
-2.5°	118.6	128.0	135.6	144.0	153.7	167.4	189.8	223.8	276.3	364.0	516.8
-5°	118.2	127.9	135.6	143.9	153.3	166.9	188.8	222.0	272.0	358.7	505.7
-7.5°	117.5	127.5	135.3	143.6	152.6	166.0	186.9	218.7	266.5	347.5	485.1
-10°	116.6	126.9	134.9	143.0	151.9	164.5	184.2	213.9	258.5	331.9	455.7
-12.5°	115.6	126.0	134.2	142.1	150.8	162.6	180.6	207.7	248.1	312.0	418.6
-15°	114.4	124.9	133.3	141.0	149.4	160.1	176.1	200.2	235.6	289.0	375.1
-17.5°	112.9	123.5	132.3	139.7	147.8	157.1	171.0	192.2	223.5	270.3	345.6
-20°	111.2	121.9	131.0	138.1	145.9	154.6	167.2	186.1	213.2	252.3	311.8



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	109.2	120.0	129.3	136.5	144.0	152.3	163.4	179.0	201.5	231.7	278.3
-25°	107.0	117.6	127.0	134.8	141.9	149.6	159.1	171.6	191.1	217.0	253.1
-27.5°	104.6	114.9	124.7	132.8	139.7	146.6	155.3	166.5	181.3	201.3	228.1
-30°	101.9	112.1	122.2	130.4	137.3	144.0	151.4	160.6	171.9	188.7	210.2
-32.5°	99.1	109.0	119.1	127.5	134.6	141.3	147.4	155.6	165.2	176.7	193.5
-35°	96.0	105.6	115.4	124.6	131.6	138.1	144.0	150.6	158.6	168.3	180.1
-37.5°	92.6	101.9	111.4	121.0	128.4	134.5	140.2	146.1	152.9	160.4	169.6
-40°	89.0	98.0	107.1	116.3	124.8	130.7	136.3	141.5	147.4	153.8	160.7
-42.5°	85.2	93.8	102.5	111.4	119.9	126.5	132.3	137.2	142.1	147.4	153.3
-45°	81.2	89.4	97.7	106.3	114.7	121.8	127.5	133.0	137.1	141.6	146.5
-47.5°	77.0	84.7	92.6	101.0	109.1	116.5	122.5	127.5	131.9	135.9	140.2
-50°	72.7	80.1	87.5	95.4	103.2	110.8	117.3	122.1	126.4	130.2	133.7
-52.5°	68.1	75.4	82.4	89.7	97.0	104.3	111.2	116.6	120.9	124.7	128.1
-55°	63.4	70.3	77.0	83.8	90.7	97.5	104.1	110.0	115.2	118.9	122.6
-57.5°	58.5	64.9	71.2	77.6	84.1	90.6	96.6	102.8	108.1	112.6	116.4
-60°	53.5	59.2	65.0	70.9	77.0	82.9	88.6	94.3	100.0	105.3	108.6
-62.5°	48.3	53.5	58.6	63.9	69.4	74.8	79.9	85.1	90.5	95.1	99.1
-65°	42.7	47.5	52.1	56.8	61.4	66.2	70.9	75.5	80.0	84.5	88.4
-67.5°	36.9	41.4	45.6	49.6	53.7	57.8	61.8	65.9	69.8	73.7	77.5
-70°	31.7	35.3	39.0	42.6	46.1	49.6	53.1	56.5	59.8	63.2	66.6
-72.5°	26.6	29.7	32.7	35.7	38.7	41.7	44.6	47.4	50.2	53.2	56.0
-75°	21.6	24.0	26.6	29.2	31.6	34.0	36.4	38.7	41.1	43.5	45.8
-77.5°	16.7	18.9	20.9	22.8	24.6	26.6	28.6	30.4	32.3	34.2	36.0
-80°	12.2	13.7	15.4	17.1	18.5	19.9	21.2	22.5	23.9	25.3	26.8
-82.5°	8.3	9.4	10.5	11.6	12.6	13.5	14.4	15.4	16.3	17.3	18.2
-85°	4.6	5.0	5.7	6.3	7.0	7.6	8.2	8.8	9.4	9.9	10.4
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4.1	4.0	4.0	3.9	3.8	4.1	4.3	4.6	4.8	4.7	4.5
85°	10.9	11.1	11.3	11.5	11.7	12.2	12.7	13.1	13.6	13.6	13.5
82.5°	19.2	19.8	20.3	20.8	21.2	21.8	22.4	22.9	23.3	23.6	23.8
80°	28.2	29.2	30.1	30.9	31.6	32.4	33.2	33.8	34.4	34.7	34.9
77.5°	37.8	39.3	40.6	41.8	43.0	44.2	45.2	46.2	47.0	47.2	47.1
75°	47.9	49.9	51.7	53.4	55.0	56.4	57.5	58.5	59.3	59.7	59.9
72.5°	58.6	61.0	63.2	65.2	66.9	68.3	69.5	70.5	71.4	72.0	72.3
70°	69.8	72.6	74.9	76.7	78.2	79.6	81.1	82.6	84.0	84.8	85.1
67.5°	81.0	83.9	86.0	87.7	89.0	90.4	92.3	94.1	95.6	96.7	97.4
65°	91.9	95.0	97.1	98.7	99.9	101.3	103.5	105.2	106.6	107.6	108.6
62.5°	102.8	105.9	108.2	110.1	111.8	113.4	115.2	116.6	117.8	118.8	120.0
60°	112.1	115.8	118.2	120.1	122.3	124.7	126.0	127.1	128.1	128.9	129.6
57.5°	119.7	123.1	126.1	128.5	130.7	132.9	134.5	135.5	136.4	137.0	137.3
55°	126.2	129.6	133.0	135.5	137.8	139.8	141.5	142.9	144.0	144.9	145.1
52.5°	131.9	135.8	139.1	142.0	145.0	147.4	149.3	151.1	152.7	154.0	154.6
50°	138.2	142.2	146.4	150.3	153.4	156.2	158.4	161.0	163.8	166.1	167.5
47.5°	144.7	149.4	154.5	159.2	162.9	167.0	170.8	174.6	179.7	184.0	187.2
45°	151.6	157.6	163.3	169.4	174.5	182.2	189.4	195.5	203.6	211.0	216.9
42.5°	159.7	167.1	174.2	184.0	194.2	204.7	216.0	225.7	238.4	251.4	261.8
40°	169.3	178.8	191.3	204.4	220.6	235.0	254.6	272.0	291.5	316.2	336.6
37.5°	180.9	195.5	212.9	231.2	256.3	280.3	312.7	346.8	377.7	425.2	465.1
35°	195.9	216.4	239.3	271.6	307.2	352.2	402.6	468.5	524.9	605.0	681.6
32.5°	215.3	241.6	279.0	328.9	381.4	463.1	543.2	657.6	763.5	890.4	1027.4
30°	236.8	276.9	334.1	402.4	500.5	620.7	761.9	937.5	1129.7	1308.1	1483.9
27.5°	268.0	325.5	400.6	511.0	663.8	831.9	1079.2	1317.6	1566.3	1787.3	1971.7
25°	304.5	380.4	496.6	659.1	865.7	1153.6	1449.7	1743.9	2011.3	2242.8	2446.5
22.5°	351.6	460.7	615.6	826.1	1147.9	1492.9	1840.1	2164.6	2449.9	2707.7	2928.2
20°	402.8	539.4	760.5	1074.3	1442.4	1835.5	2227.5	2573.2	2887.4	3179.6	3428.1
17.5°	467.7	659.0	939.0	1315.5	1741.0	2171.7	2583.6	2958.7	3315.1	3624.3	3884.0
15°	523.0	764.3	1129.8	1571.3	2031.6	2485.9	2920.7	3328.2	3698.8	4016.0	4260.2
12.5°	596.7	882.3	1299.2	1791.2	2290.1	2768.1	3226.1	3647.2	4024.3	4338.1	4528.2
10°	666.4	1004.6	1462.9	1976.1	2494.3	3003.6	3492.6	3924.5	4274.6	4524.2	4686.2
7.5°	725.7	1109.6	1596.1	2125.4	2656.5	3189.0	3684.0	4104.3	4427.1	4635.6	4748.4
5°	770.0	1188.1	1694.9	2246.8	2791.8	3333.7	3824.8	4219.3	4498.3	4653.2	4709.8
2.5°	798.2	1234.2	1752.3	2326.5	2882.3	3425.2	3921.3	4309.6	4546.4	4649.0	4658.8
0°	809.5	1240.2	1761.1	2368.3	2905.1	3451.2	3948.8	4346.8	4564.3	4648.7	4647.0
-2.5°	798.2	1234.2	1752.3	2326.5	2882.3	3425.2	3921.3	4309.6	4546.4	4649.0	4658.8
-5°	770.0	1188.1	1694.9	2246.8	2791.8	3333.7	3824.8	4219.3	4498.3	4653.2	4709.8
-7.5°	725.7	1109.6	1596.1	2125.4	2656.5	3189.0	3684.0	4104.3	4427.1	4635.6	4748.4
-10°	666.4	1004.6	1462.9	1976.1	2494.3	3003.6	3492.6	3924.5	4274.6	4524.2	4686.2
-12.5°	596.7	882.3	1299.2	1791.2	2290.1	2768.1	3226.1	3647.2	4024.3	4338.1	4528.2
-15°	523.0	764.3	1129.8	1571.3	2031.6	2485.9	2920.7	3328.2	3698.8	4016.0	4260.2
-17.5°	467.7	659.0	939.0	1315.5	1741.0	2171.7	2583.6	2958.7	3315.1	3624.3	3884.0
-20°	402.8	539.4	760.5	1074.3	1442.4	1835.5	2227.5	2573.2	2887.4	3179.6	3428.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	351.6	460.7	615.6	826.1	1147.9	1492.9	1840.1	2164.6	2449.9	2707.7	2928.2
-25°	304.5	380.4	496.6	659.1	865.7	1153.6	1449.7	1743.9	2011.3	2242.8	2446.5
-27.5°	268.0	325.5	400.6	511.0	663.8	831.9	1079.2	1317.6	1566.3	1787.3	1971.7
-30°	236.8	276.9	334.1	402.4	500.5	620.7	761.9	937.5	1129.7	1308.1	1483.9
-32.5°	215.3	241.6	279.0	328.9	381.4	463.1	543.2	657.6	763.5	890.4	1027.4
-35°	195.9	216.4	239.3	271.6	307.2	352.2	402.6	468.5	524.9	605.0	681.6
-37.5°	180.9	195.5	212.9	231.2	256.3	280.3	312.7	346.8	377.7	425.2	465.1
-40°	169.3	178.8	191.3	204.4	220.6	235.0	254.6	272.0	291.5	316.2	336.6
-42.5°	159.7	167.1	174.2	184.0	194.2	204.7	216.0	225.7	238.4	251.4	261.8
-45°	151.6	157.6	163.3	169.4	174.5	182.2	189.4	195.5	203.6	211.0	216.9
-47.5°	144.7	149.4	154.5	159.2	162.9	167.0	170.8	174.6	179.7	184.0	187.2
-50°	138.2	142.2	146.4	150.3	153.4	156.2	158.4	161.0	163.8	166.1	167.5
-52.5°	131.9	135.8	139.1	142.0	145.0	147.4	149.3	151.1	152.7	154.0	154.6
-55°	126.2	129.6	133.0	135.5	137.8	139.8	141.5	142.9	144.0	144.9	145.1
-57.5°	119.7	123.1	126.1	128.5	130.7	132.9	134.5	135.5	136.4	137.0	137.3
-60°	112.1	115.8	118.2	120.1	122.3	124.7	126.0	127.1	128.1	128.9	129.6
-62.5°	102.8	105.9	108.2	110.1	111.8	113.4	115.2	116.6	117.8	118.8	120.0
-65°	91.9	95.0	97.1	98.7	99.9	101.3	103.5	105.2	106.6	107.6	108.6
-67.5°	81.0	83.9	86.0	87.7	89.0	90.4	92.3	94.1	95.6	96.7	97.4
-70°	69.8	72.6	74.9	76.7	78.2	79.6	81.1	82.6	84.0	84.8	85.1
-72.5°	58.6	61.0	63.2	65.2	66.9	68.3	69.5	70.5	71.4	72.0	72.3
-75°	47.9	49.9	51.7	53.4	55.0	56.4	57.5	58.5	59.3	59.7	59.9
-77.5°	37.8	39.3	40.6	41.8	43.0	44.2	45.2	46.2	47.0	47.2	47.1
-80°	28.2	29.2	30.1	30.9	31.6	32.4	33.2	33.8	34.4	34.7	34.9
-82.5°	19.2	19.8	20.3	20.8	21.2	21.8	22.4	22.9	23.3	23.6	23.8
-85°	10.9	11.1	11.3	11.5	11.7	12.2	12.7	13.1	13.6	13.6	13.5
-87.5°	4.1	4.0	4.0	3.9	3.8	4.1	4.3	4.6	4.8	4.7	4.5
-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: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	4.4	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.7	4.8	4.6
85°	13.4	13.3	12.9	12.5	12.9	13.3	13.4	13.5	13.6	13.6	13.1
82.5°	24.0	24.2	23.8	23.4	23.8	24.2	24.0	23.8	23.6	23.3	22.9
80°	35.0	34.9	34.7	34.3	34.7	34.9	35.0	34.9	34.7	34.4	33.8
77.5°	46.9	46.6	46.7	46.8	46.7	46.6	46.9	47.1	47.2	47.0	46.2
75°	60.0	59.9	59.7	59.4	59.7	59.9	60.0	59.9	59.7	59.3	58.5
72.5°	72.5	72.5	72.3	71.9	72.3	72.5	72.5	72.3	72.0	71.4	70.5
70°	85.1	85.0	85.2	85.3	85.2	85.0	85.1	85.1	84.8	84.0	82.6
67.5°	97.9	98.3	98.2	97.8	98.2	98.3	97.9	97.4	96.7	95.6	94.1
65°	109.4	109.9	110.3	110.4	110.3	109.9	109.4	108.6	107.6	106.6	105.2
62.5°	120.9	121.6	121.6	121.3	121.6	121.6	120.9	120.0	118.8	117.8	116.6
60°	130.1	130.2	130.0	129.6	130.0	130.2	130.1	129.6	128.9	128.1	127.1
57.5°	137.2	137.0	136.7	136.3	136.7	137.0	137.2	137.3	137.0	136.4	135.5
55°	145.0	144.6	144.2	143.8	144.2	144.6	145.0	145.1	144.9	144.0	142.9
52.5°	154.7	154.5	154.2	153.9	154.2	154.5	154.7	154.6	154.0	152.7	151.1
50°	168.2	168.4	168.4	168.1	168.4	168.4	168.2	167.5	166.1	163.8	161.0
47.5°	189.2	190.3	191.0	191.5	191.0	190.3	189.2	187.2	184.0	179.7	174.6
45°	220.6	222.9	224.5	225.8	224.5	222.9	220.6	216.9	211.0	203.6	195.5
42.5°	269.2	274.2	276.6	276.0	276.6	274.2	269.2	261.8	251.4	238.4	225.7
40°	350.2	358.2	362.7	366.3	362.7	358.2	350.2	336.6	316.2	291.5	272.0
37.5°	492.4	508.0	516.3	523.5	516.3	508.0	492.4	465.1	425.2	377.7	346.8
35°	738.8	774.0	792.9	799.5	792.9	774.0	738.8	681.6	605.0	524.9	468.5
32.5°	1134.0	1199.1	1235.0	1262.7	1235.0	1199.1	1134.0	1027.4	890.4	763.5	657.6
30°	1623.2	1708.8	1756.3	1779.5	1756.3	1708.8	1623.2	1483.9	1308.1	1129.7	937.5
27.5°	2124.6	2221.9	2273.2	2270.4	2273.2	2221.9	2124.6	1971.7	1787.3	1566.3	1317.6
25°	2621.2	2733.9	2785.0	2830.7	2785.0	2733.9	2621.2	2446.5	2242.8	2011.3	1743.9
22.5°	3123.4	3255.3	3327.2	3360.9	3327.2	3255.3	3123.4	2928.2	2707.7	2449.9	2164.6
20°	3619.7	3766.4	3842.8	3876.0	3842.8	3766.4	3619.7	3428.1	3179.6	2887.4	2573.2
17.5°	4059.8	4203.1	4275.8	4306.7	4275.8	4203.1	4059.8	3884.0	3624.3	3315.1	2958.7
15°	4411.3	4516.9	4578.8	4595.2	4578.8	4516.9	4411.3	4260.2	4016.0	3698.8	3328.2
12.5°	4654.2	4695.1	4724.9	4734.0	4724.9	4695.1	4654.2	4528.2	4338.1	4024.3	3647.2
10°	4778.4	4759.9	4752.3	4753.2	4752.3	4759.9	4778.4	4686.2	4524.2	4274.6	3924.5
7.5°	4769.9	4742.5	4687.6	4678.8	4687.6	4742.5	4769.9	4748.4	4635.6	4427.1	4104.3
5°	4701.3	4651.5	4560.4	4534.2	4560.4	4651.5	4701.3	4709.8	4653.2	4498.3	4219.3
2.5°	4621.4	4531.7	4447.7	4393.7	4447.7	4531.7	4621.4	4658.8	4649.0	4546.4	4309.6
0°	4597.7	4494.0	4385.3	4350.2	4385.3	4494.0	4597.7	4647.0	4648.7	4564.3	4346.8
-2.5°	4621.4	4531.7	4447.7	4393.7	4447.7	4531.7	4621.4	4658.8	4649.0	4546.4	4309.6
-5°	4701.3	4651.5	4560.4	4534.2	4560.4	4651.5	4701.3	4709.8	4653.2	4498.3	4219.3
-7.5°	4769.9	4742.5	4687.6	4678.8	4687.6	4742.5	4769.9	4748.4	4635.6	4427.1	4104.3
-10°	4778.4	4759.9	4752.3	4753.2	4752.3	4759.9	4778.4	4686.2	4524.2	4274.6	3924.5
-12.5°	4654.2	4695.1	4724.9	4734.0	4724.9	4695.1	4654.2	4528.2	4338.1	4024.3	3647.2
-15°	4411.3	4516.9	4578.8	4595.2	4578.8	4516.9	4411.3	4260.2	4016.0	3698.8	3328.2
-17.5°	4059.8	4203.1	4275.8	4306.7	4275.8	4203.1	4059.8	3884.0	3624.3	3315.1	2958.7
-20°	3619.7	3766.4	3842.8	3876.0	3842.8	3766.4	3619.7	3428.1	3179.6	2887.4	2573.2



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3123.4	3255.3	3327.2	3360.9	3327.2	3255.3	3123.4	2928.2	2707.7	2449.9	2164.6
-25°	2621.2	2733.9	2785.0	2830.7	2785.0	2733.9	2621.2	2446.5	2242.8	2011.3	1743.9
-27.5°	2124.6	2221.9	2273.2	2270.4	2273.2	2221.9	2124.6	1971.7	1787.3	1566.3	1317.6
-30°	1623.2	1708.8	1756.3	1779.5	1756.3	1708.8	1623.2	1483.9	1308.1	1129.7	937.5
-32.5°	1134.0	1199.1	1235.0	1262.7	1235.0	1199.1	1134.0	1027.4	890.4	763.5	657.6
-35°	738.8	774.0	792.9	799.5	792.9	774.0	738.8	681.6	605.0	524.9	468.5
-37.5°	492.4	508.0	516.3	523.5	516.3	508.0	492.4	465.1	425.2	377.7	346.8
-40°	350.2	358.2	362.7	366.3	362.7	358.2	350.2	336.6	316.2	291.5	272.0
-42.5°	269.2	274.2	276.6	276.0	276.6	274.2	269.2	261.8	251.4	238.4	225.7
-45°	220.6	222.9	224.5	225.8	224.5	222.9	220.6	216.9	211.0	203.6	195.5
-47.5°	189.2	190.3	191.0	191.5	191.0	190.3	189.2	187.2	184.0	179.7	174.6
-50°	168.2	168.4	168.4	168.1	168.4	168.4	168.2	167.5	166.1	163.8	161.0
-52.5°	154.7	154.5	154.2	153.9	154.2	154.5	154.7	154.6	154.0	152.7	151.1
-55°	145.0	144.6	144.2	143.8	144.2	144.6	145.0	145.1	144.9	144.0	142.9
-57.5°	137.2	137.0	136.7	136.3	136.7	137.0	137.2	137.3	137.0	136.4	135.5
-60°	130.1	130.2	130.0	129.6	130.0	130.2	130.1	129.6	128.9	128.1	127.1
-62.5°	120.9	121.6	121.6	121.3	121.6	121.6	120.9	120.0	118.8	117.8	116.6
-65°	109.4	109.9	110.3	110.4	110.3	109.9	109.4	108.6	107.6	106.6	105.2
-67.5°	97.9	98.3	98.2	97.8	98.2	98.3	97.9	97.4	96.7	95.6	94.1
-70°	85.1	85.0	85.2	85.3	85.2	85.0	85.1	85.1	84.8	84.0	82.6
-72.5°	72.5	72.5	72.3	71.9	72.3	72.5	72.5	72.3	72.0	71.4	70.5
-75°	60.0	59.9	59.7	59.4	59.7	59.9	60.0	59.9	59.7	59.3	58.5
-77.5°	46.9	46.6	46.7	46.8	46.7	46.6	46.9	47.1	47.2	47.0	46.2
-80°	35.0	34.9	34.7	34.3	34.7	34.9	35.0	34.9	34.7	34.4	33.8
-82.5°	24.0	24.2	23.8	23.4	23.8	24.2	24.0	23.8	23.6	23.3	22.9
-85°	13.4	13.3	12.9	12.5	12.9	13.3	13.4	13.5	13.6	13.6	13.1
-87.5°	4.4	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.7	4.8	4.6
-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: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	4.3	4.1	3.8	3.9	4.0	4.0	4.1	4.0	3.8	3.7	3.5
85°	12.7	12.2	11.7	11.5	11.3	11.1	10.9	10.4	9.9	9.4	8.8
82.5°	22.4	21.8	21.2	20.8	20.3	19.8	19.2	18.2	17.3	16.3	15.4
80°	33.2	32.4	31.6	30.9	30.1	29.2	28.2	26.8	25.3	23.9	22.5
77.5°	45.2	44.2	43.0	41.8	40.6	39.3	37.8	36.0	34.2	32.3	30.4
75°	57.5	56.4	55.0	53.4	51.7	49.9	47.9	45.8	43.5	41.1	38.7
72.5°	69.5	68.3	66.9	65.2	63.2	61.0	58.6	56.0	53.2	50.2	47.4
70°	81.1	79.6	78.2	76.7	74.9	72.6	69.8	66.6	63.2	59.8	56.5
67.5°	92.3	90.4	89.0	87.7	86.0	83.9	81.0	77.5	73.7	69.8	65.9
65°	103.5	101.3	99.9	98.7	97.1	95.0	91.9	88.4	84.5	80.0	75.5
62.5°	115.2	113.4	111.8	110.1	108.2	105.9	102.8	99.1	95.1	90.5	85.1
60°	126.0	124.7	122.3	120.1	118.2	115.8	112.1	108.6	105.3	100.0	94.3
57.5°	134.5	132.9	130.7	128.5	126.1	123.1	119.7	116.4	112.6	108.1	102.8
55°	141.5	139.8	137.8	135.5	133.0	129.6	126.2	122.6	118.9	115.2	110.0
52.5°	149.3	147.4	145.0	142.0	139.1	135.8	131.9	128.1	124.7	120.9	116.6
50°	158.4	156.2	153.4	150.3	146.4	142.2	138.2	133.7	130.2	126.4	122.1
47.5°	170.8	167.0	162.9	159.2	154.5	149.4	144.7	140.2	135.9	131.9	127.5
45°	189.4	182.2	174.5	169.4	163.3	157.6	151.6	146.5	141.6	137.1	133.0
42.5°	216.0	204.7	194.2	184.0	174.2	167.1	159.7	153.3	147.4	142.1	137.2
40°	254.6	235.0	220.6	204.4	191.3	178.8	169.3	160.7	153.8	147.4	141.5
37.5°	312.7	280.3	256.3	231.2	212.9	195.5	180.9	169.6	160.4	152.9	146.1
35°	402.6	352.2	307.2	271.6	239.3	216.4	195.9	180.1	168.3	158.6	150.6
32.5°	543.2	463.1	381.4	328.9	279.0	241.6	215.3	193.5	176.7	165.2	155.6
30°	761.9	620.7	500.5	402.4	334.1	276.9	236.8	210.2	188.7	171.9	160.6
27.5°	1079.2	831.9	663.8	511.0	400.6	325.5	268.0	228.1	201.3	181.3	166.5
25°	1449.7	1153.6	865.7	659.1	496.6	380.4	304.5	253.1	217.0	191.1	171.6
22.5°	1840.1	1492.9	1147.9	826.1	615.6	460.7	351.6	278.3	231.7	201.5	179.0
20°	2227.5	1835.5	1442.4	1074.3	760.5	539.4	402.8	311.8	252.3	213.2	186.1
17.5°	2583.6	2171.7	1741.0	1315.5	939.0	659.0	467.7	345.6	270.3	223.5	192.2
15°	2920.7	2485.9	2031.6	1571.3	1129.8	764.3	523.0	375.1	289.0	235.6	200.2
12.5°	3226.1	2768.1	2290.1	1791.2	1299.2	882.3	596.7	418.6	312.0	248.1	207.7
10°	3492.6	3003.6	2494.3	1976.1	1462.9	1004.6	666.4	455.7	331.9	258.5	213.9
7.5°	3684.0	3189.0	2656.5	2125.4	1596.1	1109.6	725.7	485.1	347.5	266.5	218.7
5°	3824.8	3333.7	2791.8	2246.8	1694.9	1188.1	770.0	505.7	358.7	272.0	222.0
2.5°	3921.3	3425.2	2882.3	2326.5	1752.3	1234.2	798.2	516.8	364.0	276.3	223.8
0°	3948.8	3451.2	2905.1	2368.3	1761.1	1240.2	809.5	518.5	363.8	278.5	224.1
-2.5°	3921.3	3425.2	2882.3	2326.5	1752.3	1234.2	798.2	516.8	364.0	276.3	223.8
-5°	3824.8	3333.7	2791.8	2246.8	1694.9	1188.1	770.0	505.7	358.7	272.0	222.0
-7.5°	3684.0	3189.0	2656.5	2125.4	1596.1	1109.6	725.7	485.1	347.5	266.5	218.7
-10°	3492.6	3003.6	2494.3	1976.1	1462.9	1004.6	666.4	455.7	331.9	258.5	213.9
-12.5°	3226.1	2768.1	2290.1	1791.2	1299.2	882.3	596.7	418.6	312.0	248.1	207.7
-15°	2920.7	2485.9	2031.6	1571.3	1129.8	764.3	523.0	375.1	289.0	235.6	200.2
-17.5°	2583.6	2171.7	1741.0	1315.5	939.0	659.0	467.7	345.6	270.3	223.5	192.2
-20°	2227.5	1835.5	1442.4	1074.3	760.5	539.4	402.8	311.8	252.3	213.2	186.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1840.1	1492.9	1147.9	826.1	615.6	460.7	351.6	278.3	231.7	201.5	179.0
-25°	1449.7	1153.6	865.7	659.1	496.6	380.4	304.5	253.1	217.0	191.1	171.6
-27.5°	1079.2	831.9	663.8	511.0	400.6	325.5	268.0	228.1	201.3	181.3	166.5
-30°	761.9	620.7	500.5	402.4	334.1	276.9	236.8	210.2	188.7	171.9	160.6
-32.5°	543.2	463.1	381.4	328.9	279.0	241.6	215.3	193.5	176.7	165.2	155.6
-35°	402.6	352.2	307.2	271.6	239.3	216.4	195.9	180.1	168.3	158.6	150.6
-37.5°	312.7	280.3	256.3	231.2	212.9	195.5	180.9	169.6	160.4	152.9	146.1
-40°	254.6	235.0	220.6	204.4	191.3	178.8	169.3	160.7	153.8	147.4	141.5
-42.5°	216.0	204.7	194.2	184.0	174.2	167.1	159.7	153.3	147.4	142.1	137.2
-45°	189.4	182.2	174.5	169.4	163.3	157.6	151.6	146.5	141.6	137.1	133.0
-47.5°	170.8	167.0	162.9	159.2	154.5	149.4	144.7	140.2	135.9	131.9	127.5
-50°	158.4	156.2	153.4	150.3	146.4	142.2	138.2	133.7	130.2	126.4	122.1
-52.5°	149.3	147.4	145.0	142.0	139.1	135.8	131.9	128.1	124.7	120.9	116.6
-55°	141.5	139.8	137.8	135.5	133.0	129.6	126.2	122.6	118.9	115.2	110.0
-57.5°	134.5	132.9	130.7	128.5	126.1	123.1	119.7	116.4	112.6	108.1	102.8
-60°	126.0	124.7	122.3	120.1	118.2	115.8	112.1	108.6	105.3	100.0	94.3
-62.5°	115.2	113.4	111.8	110.1	108.2	105.9	102.8	99.1	95.1	90.5	85.1
-65°	103.5	101.3	99.9	98.7	97.1	95.0	91.9	88.4	84.5	80.0	75.5
-67.5°	92.3	90.4	89.0	87.7	86.0	83.9	81.0	77.5	73.7	69.8	65.9
-70°	81.1	79.6	78.2	76.7	74.9	72.6	69.8	66.6	63.2	59.8	56.5
-72.5°	69.5	68.3	66.9	65.2	63.2	61.0	58.6	56.0	53.2	50.2	47.4
-75°	57.5	56.4	55.0	53.4	51.7	49.9	47.9	45.8	43.5	41.1	38.7
-77.5°	45.2	44.2	43.0	41.8	40.6	39.3	37.8	36.0	34.2	32.3	30.4
-80°	33.2	32.4	31.6	30.9	30.1	29.2	28.2	26.8	25.3	23.9	22.5
-82.5°	22.4	21.8	21.2	20.8	20.3	19.8	19.2	18.2	17.3	16.3	15.4
-85°	12.7	12.2	11.7	11.5	11.3	11.1	10.9	10.4	9.9	9.4	8.8
-87.5°	4.3	4.1	3.8	3.9	4.0	4.0	4.1	4.0	3.8	3.7	3.5
-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: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.8	1.6	1.3
85°	8.2	7.6	7.0	6.3	5.7	5.0	4.6	4.2	3.7	3.1	2.6
82.5°	14.4	13.5	12.6	11.6	10.5	9.4	8.3	7.2	6.0	4.8	3.9
80°	21.2	19.9	18.5	17.1	15.4	13.7	12.2	10.7	9.3	7.8	6.2
77.5°	28.6	26.6	24.6	22.8	20.9	18.9	16.7	14.5	12.5	10.7	8.8
75°	36.4	34.0	31.6	29.2	26.6	24.0	21.6	19.0	16.4	13.7	11.5
72.5°	44.6	41.7	38.7	35.7	32.7	29.7	26.6	23.4	20.4	17.3	14.2
70°	53.1	49.6	46.1	42.6	39.0	35.3	31.7	28.1	24.4	20.9	17.3
67.5°	61.8	57.8	53.7	49.6	45.6	41.4	36.9	32.6	28.5	24.4	20.4
65°	70.9	66.2	61.4	56.8	52.1	47.5	42.7	37.3	32.5	27.9	23.4
62.5°	79.9	74.8	69.4	63.9	58.6	53.5	48.3	42.4	36.5	31.3	26.4
60°	88.6	82.9	77.0	70.9	65.0	59.2	53.5	47.2	40.9	34.6	29.3
57.5°	96.6	90.6	84.1	77.6	71.2	64.9	58.5	51.9	45.1	38.3	32.1
55°	104.1	97.5	90.7	83.8	77.0	70.3	63.4	56.3	49.2	41.9	34.8
52.5°	111.2	104.3	97.0	89.7	82.4	75.4	68.1	60.6	53.1	45.4	37.8
50°	117.3	110.8	103.2	95.4	87.5	80.1	72.7	64.8	56.8	48.8	40.8
47.5°	122.5	116.5	109.1	101.0	92.6	84.7	77.0	68.9	60.5	52.0	43.7
45°	127.5	121.8	114.7	106.3	97.7	89.4	81.2	72.8	63.9	55.1	46.4
42.5°	132.3	126.5	119.9	111.4	102.5	93.8	85.2	76.4	67.3	58.0	48.9
40°	136.3	130.7	124.8	116.3	107.1	98.0	89.0	79.9	70.5	60.9	51.4
37.5°	140.2	134.5	128.4	121.0	111.4	101.9	92.6	83.3	73.6	63.6	53.7
35°	144.0	138.1	131.6	124.6	115.4	105.6	96.0	86.5	76.5	66.2	55.8
32.5°	147.4	141.3	134.6	127.5	119.1	109.0	99.1	89.3	79.1	68.7	57.8
30°	151.4	144.0	137.3	130.4	122.2	112.1	101.9	91.9	81.6	71.0	59.7
27.5°	155.3	146.6	139.7	132.8	124.7	114.9	104.6	94.3	83.8	73.1	61.5
25°	159.1	149.6	141.9	134.8	127.0	117.6	107.0	96.4	85.8	74.9	63.2
22.5°	163.4	152.3	144.0	136.5	129.3	120.0	109.2	98.4	87.6	76.6	64.8
20°	167.2	154.6	145.9	138.1	131.0	121.9	111.2	100.2	89.2	78.0	66.2
17.5°	171.0	157.1	147.8	139.7	132.3	123.5	112.9	101.7	90.5	79.3	67.5
15°	176.1	160.1	149.4	141.0	133.3	124.9	114.4	103.1	91.7	80.3	68.6
12.5°	180.6	162.6	150.8	142.1	134.2	126.0	115.6	104.2	92.7	81.3	69.6
10°	184.2	164.5	151.9	143.0	134.9	126.9	116.6	105.1	93.6	82.1	70.4
7.5°	186.9	166.0	152.6	143.6	135.3	127.5	117.5	105.9	94.4	82.8	71.1
5°	188.8	166.9	153.3	143.9	135.6	127.9	118.2	106.5	94.9	83.2	71.5
2.5°	189.8	167.4	153.7	144.0	135.6	128.0	118.6	106.9	95.2	83.5	71.8
0°	189.8	167.3	153.9	143.8	135.5	127.9	118.7	107.0	95.3	83.6	71.9
-2.5°	189.8	167.4	153.7	144.0	135.6	128.0	118.6	106.9	95.2	83.5	71.8
-5°	188.8	166.9	153.3	143.9	135.6	127.9	118.2	106.5	94.9	83.2	71.5
-7.5°	186.9	166.0	152.6	143.6	135.3	127.5	117.5	105.9	94.4	82.8	71.1
-10°	184.2	164.5	151.9	143.0	134.9	126.9	116.6	105.1	93.6	82.1	70.4
-12.5°	180.6	162.6	150.8	142.1	134.2	126.0	115.6	104.2	92.7	81.3	69.6
-15°	176.1	160.1	149.4	141.0	133.3	124.9	114.4	103.1	91.7	80.3	68.6
-17.5°	171.0	157.1	147.8	139.7	132.3	123.5	112.9	101.7	90.5	79.3	67.5
-20°	167.2	154.6	145.9	138.1	131.0	121.9	111.2	100.2	89.2	78.0	66.2

Classified

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Scaled Data Report



REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	163.4	152.3	144.0	136.5	129.3	120.0	109.2	98.4	87.6	76.6	64.8
-25°	159.1	149.6	141.9	134.8	127.0	117.6	107.0	96.4	85.8	74.9	63.2
-27.5°	155.3	146.6	139.7	132.8	124.7	114.9	104.6	94.3	83.8	73.1	61.5
-30°	151.4	144.0	137.3	130.4	122.2	112.1	101.9	91.9	81.6	71.0	59.7
-32.5°	147.4	141.3	134.6	127.5	119.1	109.0	99.1	89.3	79.1	68.7	57.8
-35°	144.0	138.1	131.6	124.6	115.4	105.6	96.0	86.5	76.5	66.2	55.8
-37.5°	140.2	134.5	128.4	121.0	111.4	101.9	92.6	83.3	73.6	63.6	53.7
-40°	136.3	130.7	124.8	116.3	107.1	98.0	89.0	79.9	70.5	60.9	51.4
-42.5°	132.3	126.5	119.9	111.4	102.5	93.8	85.2	76.4	67.3	58.0	48.9
-45°	127.5	121.8	114.7	106.3	97.7	89.4	81.2	72.8	63.9	55.1	46.4
-47.5°	122.5	116.5	109.1	101.0	92.6	84.7	77.0	68.9	60.5	52.0	43.7
-50°	117.3	110.8	103.2	95.4	87.5	80.1	72.7	64.8	56.8	48.8	40.8
-52.5°	111.2	104.3	97.0	89.7	82.4	75.4	68.1	60.6	53.1	45.4	37.8
-55°	104.1	97.5	90.7	83.8	77.0	70.3	63.4	56.3	49.2	41.9	34.8
-57.5°	96.6	90.6	84.1	77.6	71.2	64.9	58.5	51.9	45.1	38.3	32.1
-60°	88.6	82.9	77.0	70.9	65.0	59.2	53.5	47.2	40.9	34.6	29.3
-62.5°	79.9	74.8	69.4	63.9	58.6	53.5	48.3	42.4	36.5	31.3	26.4
-65°	70.9	66.2	61.4	56.8	52.1	47.5	42.7	37.3	32.5	27.9	23.4
-67.5°	61.8	57.8	53.7	49.6	45.6	41.4	36.9	32.6	28.5	24.4	20.4
-70°	53.1	49.6	46.1	42.6	39.0	35.3	31.7	28.1	24.4	20.9	17.3
-72.5°	44.6	41.7	38.7	35.7	32.7	29.7	26.6	23.4	20.4	17.3	14.2
-75°	36.4	34.0	31.6	29.2	26.6	24.0	21.6	19.0	16.4	13.7	11.5
-77.5°	28.6	26.6	24.6	22.8	20.9	18.9	16.7	14.5	12.5	10.7	8.8
-80°	21.2	19.9	18.5	17.1	15.4	13.7	12.2	10.7	9.3	7.8	6.2
-82.5°	14.4	13.5	12.6	11.6	10.5	9.4	8.3	7.2	6.0	4.8	3.9
-85°	8.2	7.6	7.0	6.3	5.7	5.0	4.6	4.2	3.7	3.1	2.6
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.8	1.6	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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REPORT NUMBER: P626597 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
80°	4.5	3.6	2.9	2.2	1.5	0.7	0.0
77.5°	6.8	4.9	3.6	2.7	1.8	0.9	0.0
75°	9.1	6.8	4.5	3.3	2.2	1.1	0.0
72.5°	11.4	8.7	6.0	3.8	2.5	1.3	0.0
70°	13.7	10.6	7.5	4.4	2.9	1.4	0.0
67.5°	16.4	12.5	9.0	5.5	3.2	1.6	0.0
65°	18.9	14.4	10.5	6.6	3.5	1.8	0.0
62.5°	21.4	16.5	11.9	7.7	3.9	1.9	0.0
60°	23.8	18.5	13.3	8.8	4.2	2.1	0.0
57.5°	26.3	20.5	14.9	9.8	4.9	2.3	0.0
55°	28.6	22.3	16.3	10.8	5.5	2.4	0.0
52.5°	31.0	24.2	17.8	11.8	6.2	2.6	0.0
50°	33.2	26.1	19.2	12.7	6.8	2.7	0.0
47.5°	35.4	27.9	20.5	13.6	7.3	2.8	0.0
45°	37.8	29.7	21.8	14.6	7.9	3.0	0.0
42.5°	40.0	31.4	23.0	15.5	8.4	3.1	0.0
40°	42.1	33.0	24.2	16.3	8.9	3.2	0.0
37.5°	44.0	34.6	25.4	17.1	9.4	3.3	0.0
35°	45.9	36.1	26.6	17.8	9.8	3.4	0.0
32.5°	47.6	37.6	27.7	18.5	10.2	3.5	0.0
30°	49.2	38.9	28.8	19.2	10.6	3.6	0.0
27.5°	50.6	40.1	29.7	19.7	10.9	3.7	0.0
25°	52.0	41.3	30.6	20.3	11.3	3.8	0.0
22.5°	53.2	42.3	31.3	20.8	11.5	3.9	0.0
20°	54.2	43.1	32.0	21.2	11.8	3.9	0.0
17.5°	55.2	43.9	32.6	21.6	12.0	4.0	0.0
15°	56.0	44.5	33.1	21.9	12.2	4.1	0.0
12.5°	56.8	45.0	33.5	22.1	12.3	4.1	0.0
10°	57.4	45.4	33.9	22.3	12.4	4.1	0.0
7.5°	57.9	45.8	34.1	22.5	12.5	4.2	0.0
5°	58.2	46.0	34.3	22.6	12.5	4.2	0.0
2.5°	58.4	46.0	34.3	22.6	12.5	4.2	0.0
0°	58.5	46.0	34.3	22.6	12.5	4.2	0.0
-2.5°	58.4	46.0	34.3	22.6	12.5	4.2	0.0
-5°	58.2	46.0	34.3	22.6	12.5	4.2	0.0
-7.5°	57.9	45.8	34.1	22.5	12.5	4.2	0.0
-10°	57.4	45.4	33.9	22.3	12.4	4.1	0.0
-12.5°	56.8	45.0	33.5	22.1	12.3	4.1	0.0
-15°	56.0	44.5	33.1	21.9	12.2	4.1	0.0
-17.5°	55.2	43.9	32.6	21.6	12.0	4.0	0.0
-20°	54.2	43.1	32.0	21.2	11.8	3.9	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.2	42.3	31.3	20.8	11.5	3.9	0.0
-25°	52.0	41.3	30.6	20.3	11.3	3.8	0.0
-27.5°	50.6	40.1	29.7	19.7	10.9	3.7	0.0
-30°	49.2	38.9	28.8	19.2	10.6	3.6	0.0
-32.5°	47.6	37.6	27.7	18.5	10.2	3.5	0.0
-35°	45.9	36.1	26.6	17.8	9.8	3.4	0.0
-37.5°	44.0	34.6	25.4	17.1	9.4	3.3	0.0
-40°	42.1	33.0	24.2	16.3	8.9	3.2	0.0
-42.5°	40.0	31.4	23.0	15.5	8.4	3.1	0.0
-45°	37.8	29.7	21.8	14.6	7.9	3.0	0.0
-47.5°	35.4	27.9	20.5	13.6	7.3	2.8	0.0
-50°	33.2	26.1	19.2	12.7	6.8	2.7	0.0
-52.5°	31.0	24.2	17.8	11.8	6.2	2.6	0.0
-55°	28.6	22.3	16.3	10.8	5.5	2.4	0.0
-57.5°	26.3	20.5	14.9	9.8	4.9	2.3	0.0
-60°	23.8	18.5	13.3	8.8	4.2	2.1	0.0
-62.5°	21.4	16.5	11.9	7.7	3.9	1.9	0.0
-65°	18.9	14.4	10.5	6.6	3.5	1.8	0.0
-67.5°	16.4	12.5	9.0	5.5	3.2	1.6	0.0
-70°	13.7	10.6	7.5	4.4	2.9	1.4	0.0
-72.5°	11.4	8.7	6.0	3.8	2.5	1.3	0.0
-75°	9.1	6.8	4.5	3.3	2.2	1.1	0.0
-77.5°	6.8	4.9	3.6	2.7	1.8	0.9	0.0
-80°	4.5	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)