

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: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626777 (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-SA1E-727-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N14
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6654.6 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 7818.8 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 4416.9 lumens
Beam Efficiency: 66.4%

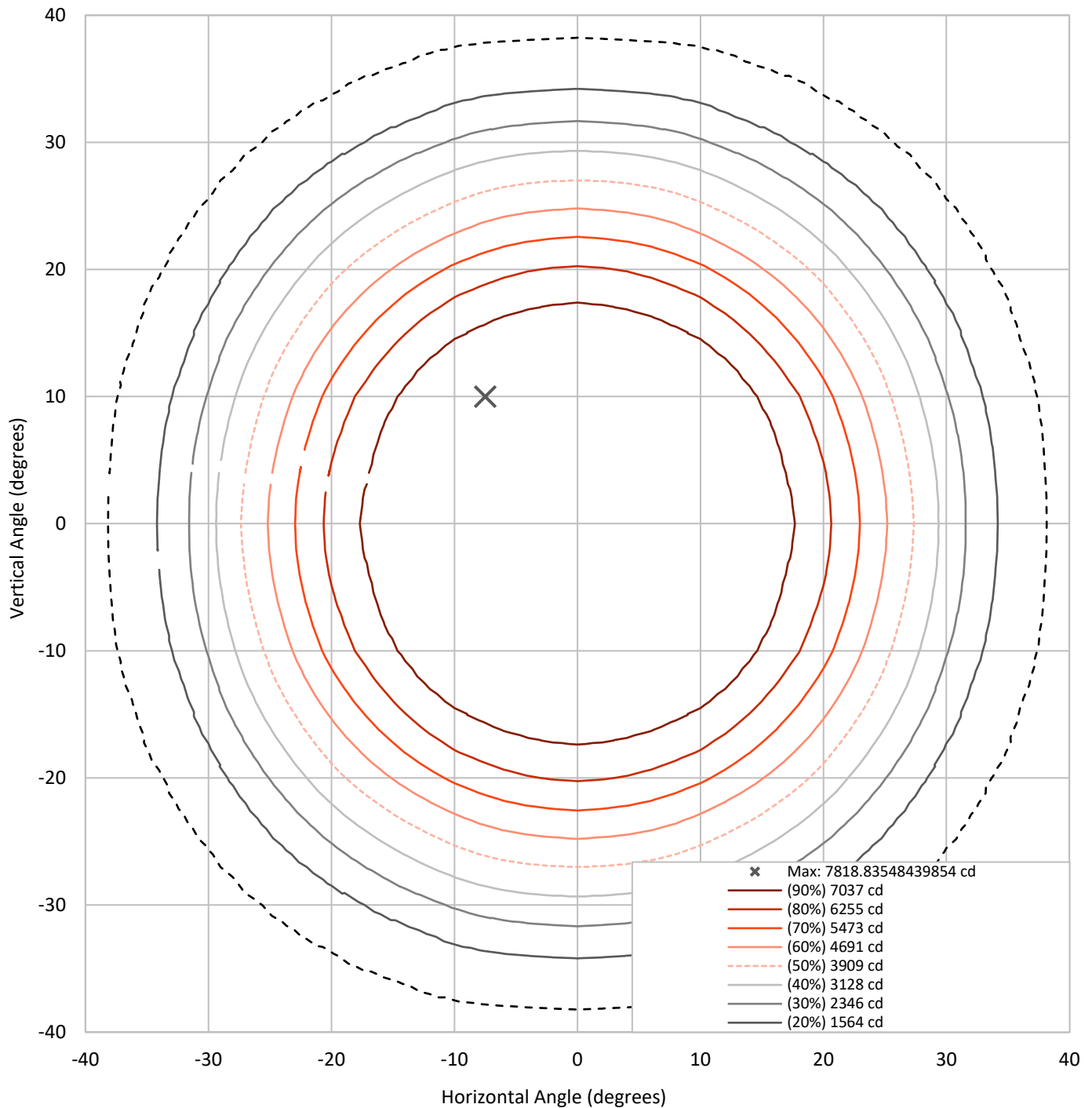
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 5743.2 lumens
Field Efficiency: 86.3%

Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1E-727-U-MWR-XX

Iso-Candela Plot





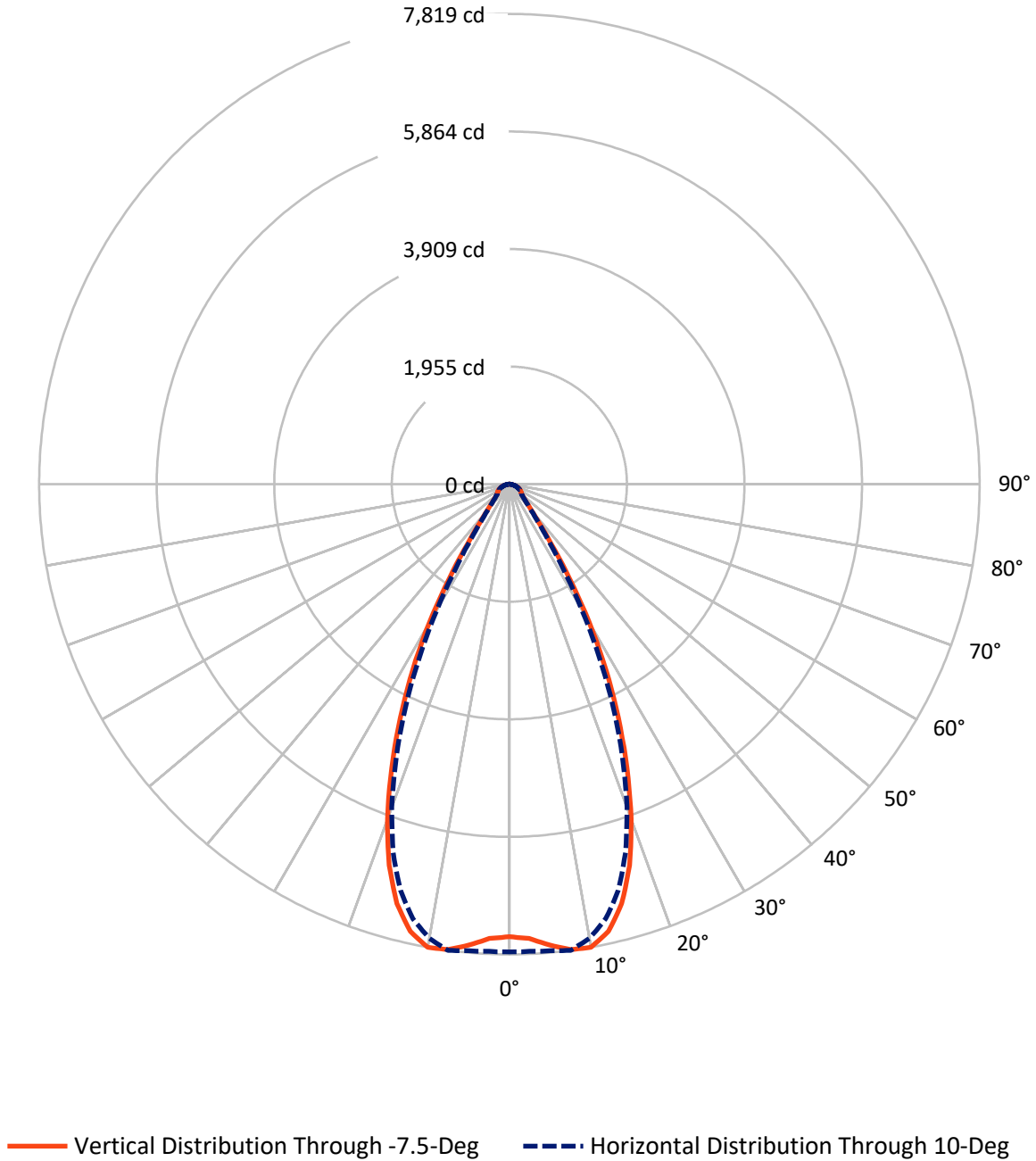
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Lumen Table

90																			
80	0.2	1.6		4.2		6.6		7.4		6.6		4.2		1.6		0.2			
70																			
60	0.7	0.8	1.6	2.7	3.7	4.5	5.1	5.4	5.4	5.1	4.5	3.7	2.7	1.6	0.8	0.7			
50		1.2	2.4	3.8	5.1	6.2	7.0	7.3	7.3	7.0	6.2	5.1	3.8	2.4	1.2				
40	1.3	1.5	3.0	4.7	6.2	8.1	10.2	11.7	11.7	10.2	8.1	6.2	4.7	3.0	1.5	1.3			
30		1.8	3.5	5.4	8.3	15.1	28.9	42.9	42.9	28.9	15.1	8.3	5.4	3.5	1.8				
20	1.6	2.1	3.8	6.3	13.6	42.7	95.8	133.8	133.8	95.8	42.7	13.6	6.3	3.8	2.1	1.6			
10		2.2	4.1	7.4	24.6	91.1	173.9	217.7	217.7	173.9	91.1	24.6	7.4	4.1	2.2				
0	1.7	2.3	4.2	8.4	35.5	124.6	211.0	229.6	229.6	211.0	124.6	35.5	8.4	4.2	2.3	1.7			
-10		2.3	4.2	8.4	35.5	124.6	211.0	229.6	229.6	211.0	124.6	35.5	8.4	4.2	2.3				
-20	1.6	2.2	4.1	7.4	24.6	91.1	173.9	217.7	217.7	173.9	91.1	24.6	7.4	4.1	2.2	1.6			
-30		2.1	3.8	6.3	13.6	42.7	95.8	133.8	133.8	95.8	42.7	13.6	6.3	3.8	2.1				
-40	1.3	1.8	3.5	5.4	8.3	15.1	28.9	42.9	42.9	28.9	15.1	8.3	5.4	3.5	1.8	1.3			
-50		1.5	3.0	4.7	6.2	8.1	10.2	11.7	11.7	10.2	8.1	6.2	4.7	3.0	1.5				
-60	0.7	1.2	2.4	3.8	5.1	6.2	7.0	7.3	7.3	7.0	6.2	5.1	3.8	2.4	1.2	0.7			
-70		0.8	1.6	2.7	3.7	4.5	5.1	5.4	5.4	5.1	4.5	3.7	2.7	1.6	0.8				
-80																			
-90	0.2	1.6		4.2		6.6		7.4		6.6		4.2		1.6		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

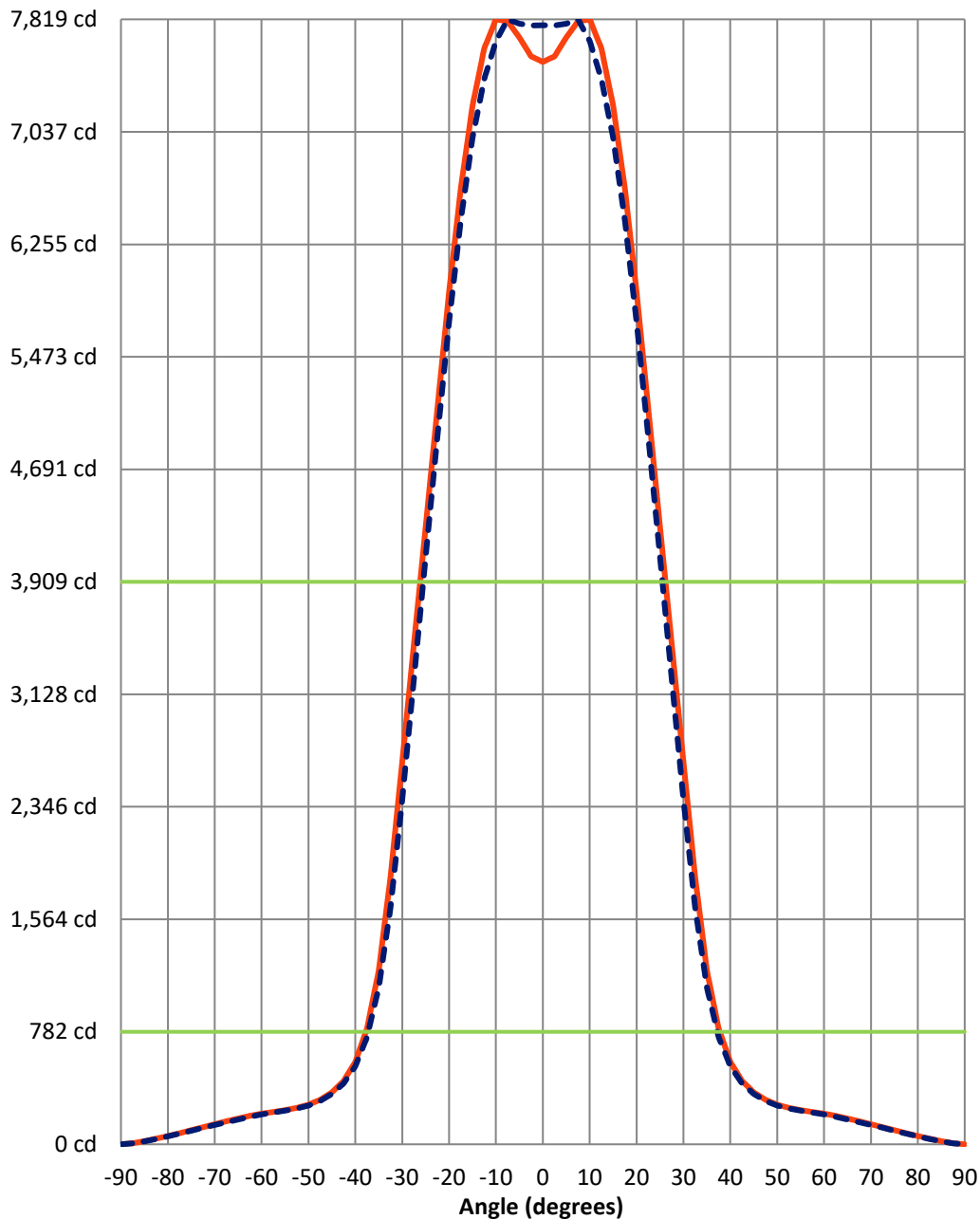
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4416.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 5743.2
 Efficiency: 86.3%

Spill:
 Lumens: 911.3
 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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	3.5
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.3	5.1	6.0	6.9
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.8	9.9	11.8
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.3	10.0	12.7	15.2	17.5
77.5°	0.0	1.5	2.9	4.4	5.9	7.9	11.1	14.4	17.5	20.5	23.7
75°	0.0	1.8	3.5	5.3	7.3	11.1	14.9	18.7	22.5	26.8	31.0
72.5°	0.0	2.0	4.1	6.1	9.8	14.2	18.7	23.2	28.3	33.3	38.3
70°	0.0	2.3	4.6	7.2	12.3	17.3	22.5	28.3	34.1	39.9	45.8
67.5°	0.0	2.6	5.2	9.0	14.7	20.4	26.7	33.3	39.9	46.5	53.3
65°	0.0	2.9	5.7	10.8	17.1	23.6	30.9	38.3	45.6	53.1	61.0
62.5°	0.0	3.1	6.3	12.6	19.5	27.0	35.0	43.1	51.2	59.7	69.3
60°	0.0	3.4	6.8	14.3	21.8	30.3	39.0	47.9	56.7	66.8	77.3
57.5°	0.0	3.7	7.9	16.0	24.3	33.4	43.0	52.5	62.7	73.8	84.9
55°	0.0	3.9	9.0	17.6	26.7	36.5	46.9	57.0	68.6	80.5	92.2
52.5°	0.0	4.1	10.0	19.2	29.1	39.5	50.7	62.0	74.3	86.8	99.2
50°	0.0	4.4	11.0	20.8	31.4	42.6	54.4	66.8	79.8	93.0	106.1
47.5°	0.0	4.6	12.0	22.3	33.5	45.7	58.1	71.4	85.1	98.9	112.6
45°	0.0	4.8	12.9	23.8	35.6	48.6	61.8	75.9	90.1	104.6	119.0
42.5°	0.0	5.0	13.7	25.3	37.6	51.4	65.4	80.1	95.0	110.1	125.0
40°	0.0	5.2	14.6	26.7	39.6	54.1	68.9	84.1	99.6	115.3	130.8
37.5°	0.0	5.4	15.3	28.0	41.6	56.7	72.1	87.8	104.0	120.3	136.4
35°	0.0	5.6	16.0	29.2	43.6	59.1	75.1	91.3	108.3	125.0	141.5
32.5°	0.0	5.7	16.7	30.3	45.4	61.5	77.9	94.6	112.3	129.4	146.1
30°	0.0	5.9	17.3	31.3	47.1	63.7	80.5	97.7	116.1	133.5	150.3
27.5°	0.0	6.0	17.9	32.3	48.7	65.7	82.9	100.7	119.6	137.2	154.2
25°	0.0	6.2	18.4	33.2	50.0	67.6	85.1	103.5	122.6	140.4	157.8
22.5°	0.0	6.3	18.9	33.9	51.3	69.2	87.0	106.1	125.3	143.3	161.1
20°	0.0	6.4	19.3	34.6	52.4	70.6	88.8	108.4	127.7	145.9	164.0
17.5°	0.0	6.5	19.6	35.2	53.4	71.8	90.3	110.5	129.7	148.2	166.5
15°	0.0	6.6	19.9	35.8	54.2	72.8	91.7	112.3	131.5	150.1	168.7
12.5°	0.0	6.6	20.1	36.2	54.9	73.7	92.9	114.0	133.0	151.7	170.5
10°	0.0	6.7	20.3	36.5	55.4	74.4	94.0	115.3	134.4	153.2	172.0
7.5°	0.0	6.7	20.4	36.8	55.8	74.9	94.8	116.3	135.4	154.4	173.4
5°	0.0	6.8	20.5	36.9	56.1	75.2	95.3	117.1	136.2	155.3	174.3
2.5°	0.0	6.8	20.5	36.9	56.1	75.4	95.7	117.5	136.6	155.8	174.9
0°	0.0	6.8	20.5	36.9	56.1	75.3	95.8	117.7	136.8	156.0	175.1
-2.5°	0.0	6.8	20.5	36.9	56.1	75.4	95.7	117.5	136.6	155.8	174.9
-5°	0.0	6.8	20.5	36.9	56.1	75.2	95.3	117.1	136.2	155.3	174.3
-7.5°	0.0	6.7	20.4	36.8	55.8	74.9	94.8	116.3	135.4	154.4	173.4
-10°	0.0	6.7	20.3	36.5	55.4	74.4	94.0	115.3	134.4	153.2	172.0
-12.5°	0.0	6.6	20.1	36.2	54.9	73.7	92.9	114.0	133.0	151.7	170.5
-15°	0.0	6.6	19.9	35.8	54.2	72.8	91.7	112.3	131.5	150.1	168.7
-17.5°	0.0	6.5	19.6	35.2	53.4	71.8	90.3	110.5	129.7	148.2	166.5
-20°	0.0	6.4	19.3	34.6	52.4	70.6	88.8	108.4	127.7	145.9	164.0

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CATALOG NUMBER: GFLD-SA1E-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	6.3	18.9	33.9	51.3	69.2	87.0	106.1	125.3	143.3	161.1
-25°	0.0	6.2	18.4	33.2	50.0	67.6	85.1	103.5	122.6	140.4	157.8
-27.5°	0.0	6.0	17.9	32.3	48.7	65.7	82.9	100.7	119.6	137.2	154.2
-30°	0.0	5.9	17.3	31.3	47.1	63.7	80.5	97.7	116.1	133.5	150.3
-32.5°	0.0	5.7	16.7	30.3	45.4	61.5	77.9	94.6	112.3	129.4	146.1
-35°	0.0	5.6	16.0	29.2	43.6	59.1	75.1	91.3	108.3	125.0	141.5
-37.5°	0.0	5.4	15.3	28.0	41.6	56.7	72.1	87.8	104.0	120.3	136.4
-40°	0.0	5.2	14.6	26.7	39.6	54.1	68.9	84.1	99.6	115.3	130.8
-42.5°	0.0	5.0	13.7	25.3	37.6	51.4	65.4	80.1	95.0	110.1	125.0
-45°	0.0	4.8	12.9	23.8	35.6	48.6	61.8	75.9	90.1	104.6	119.0
-47.5°	0.0	4.6	12.0	22.3	33.5	45.7	58.1	71.4	85.1	98.9	112.6
-50°	0.0	4.4	11.0	20.8	31.4	42.6	54.4	66.8	79.8	93.0	106.1
-52.5°	0.0	4.1	10.0	19.2	29.1	39.5	50.7	62.0	74.3	86.8	99.2
-55°	0.0	3.9	9.0	17.6	26.7	36.5	46.9	57.0	68.6	80.5	92.2
-57.5°	0.0	3.7	7.9	16.0	24.3	33.4	43.0	52.5	62.7	73.8	84.9
-60°	0.0	3.4	6.8	14.3	21.8	30.3	39.0	47.9	56.7	66.8	77.3
-62.5°	0.0	3.1	6.3	12.6	19.5	27.0	35.0	43.1	51.2	59.7	69.3
-65°	0.0	2.9	5.7	10.8	17.1	23.6	30.9	38.3	45.6	53.1	61.0
-67.5°	0.0	2.6	5.2	9.0	14.7	20.4	26.7	33.3	39.9	46.5	53.3
-70°	0.0	2.3	4.6	7.2	12.3	17.3	22.5	28.3	34.1	39.9	45.8
-72.5°	0.0	2.0	4.1	6.1	9.8	14.2	18.7	23.2	28.3	33.3	38.3
-75°	0.0	1.8	3.5	5.3	7.3	11.1	14.9	18.7	22.5	26.8	31.0
-77.5°	0.0	1.5	2.9	4.4	5.9	7.9	11.1	14.4	17.5	20.5	23.7
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.3	10.0	12.7	15.2	17.5
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.8	9.9	11.8
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.3	5.1	6.0	6.9
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.6	3.0	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



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5
85°	7.6	8.2	9.3	10.4	11.5	12.5	13.5	14.4	15.4	16.2	17.0
82.5°	13.6	15.3	17.2	19.0	20.6	22.2	23.7	25.2	26.8	28.3	29.9
80°	20.0	22.4	25.3	28.0	30.3	32.5	34.7	36.8	39.0	41.4	43.9
77.5°	27.3	30.9	34.2	37.3	40.2	43.5	46.6	49.7	52.8	55.9	58.9
75°	35.2	39.3	43.5	47.6	51.7	55.6	59.4	63.3	67.3	71.2	74.9
72.5°	43.4	48.5	53.4	58.3	63.3	68.2	73.0	77.6	82.3	87.0	91.6
70°	51.8	57.6	63.8	69.7	75.4	81.2	86.9	92.5	97.9	103.5	109.0
67.5°	60.4	67.7	74.6	81.2	87.9	94.6	101.2	107.8	114.2	120.7	126.9
65°	69.8	77.8	85.4	92.9	100.5	108.4	116.1	123.5	130.9	138.2	144.7
62.5°	79.0	87.5	95.9	104.5	113.5	122.3	130.7	139.3	148.0	155.6	162.1
60°	87.5	97.0	106.3	116.1	126.0	135.6	145.0	154.3	163.6	172.3	177.7
57.5°	95.7	106.1	116.5	127.0	137.5	148.2	158.1	168.2	176.9	184.2	190.5
55°	103.7	115.0	126.1	137.1	148.4	159.5	170.3	180.0	188.5	194.6	200.6
52.5°	111.5	123.4	134.8	146.7	158.8	170.6	181.9	190.8	197.8	204.0	209.6
50°	119.0	131.1	143.1	156.1	168.8	181.4	191.9	199.8	206.8	212.9	218.8
47.5°	126.0	138.7	151.6	165.2	178.6	190.7	200.4	208.6	215.8	222.4	229.4
45°	132.8	146.2	159.9	173.9	187.6	199.3	208.6	217.5	224.3	231.7	239.6
42.5°	139.4	153.5	167.8	182.3	196.1	207.0	216.4	224.5	232.5	241.2	250.9
40°	145.7	160.4	175.3	190.4	204.1	213.8	223.0	231.6	241.2	251.7	262.9
37.5°	151.5	166.8	182.3	198.0	210.1	220.0	229.4	239.0	250.2	262.3	277.5
35°	157.0	172.8	188.8	203.8	215.4	225.9	235.6	246.3	259.4	275.3	294.7
32.5°	162.1	178.4	194.8	208.6	220.3	231.2	241.2	254.5	270.3	289.1	316.6
30°	166.8	183.4	199.9	213.3	224.7	235.7	247.8	262.8	281.2	308.8	343.9
27.5°	171.2	188.0	204.0	217.2	228.6	239.9	254.2	272.4	296.6	329.4	373.2
25°	175.2	192.4	207.9	220.5	232.3	244.8	260.3	280.7	312.7	355.0	414.1
22.5°	178.8	196.4	211.6	223.3	235.7	249.3	267.3	292.9	329.7	379.2	455.4
20°	182.0	199.4	214.3	226.0	238.8	253.0	273.6	304.5	348.8	412.9	510.2
17.5°	184.8	202.1	216.4	228.6	241.9	257.2	279.7	314.5	365.8	442.3	565.6
15°	187.3	204.3	218.1	230.7	244.6	262.0	288.2	327.6	385.5	472.9	613.8
12.5°	189.3	206.2	219.6	232.5	246.8	266.0	295.5	339.9	406.0	510.5	685.0
10°	190.9	207.6	220.6	233.9	248.5	269.2	301.4	350.0	423.0	543.0	745.7
7.5°	192.3	208.7	221.4	234.9	249.7	271.5	305.9	357.8	436.0	568.6	793.7
5°	193.4	209.4	221.8	235.5	250.8	273.1	308.9	363.2	445.0	586.9	827.5
2.5°	194.1	209.6	221.9	235.6	251.5	273.8	310.5	366.2	452.1	595.5	845.6
0°	194.3	209.4	221.7	235.4	251.8	273.7	310.6	366.7	455.7	595.2	848.4
-2.5°	194.1	209.6	221.9	235.6	251.5	273.8	310.5	366.2	452.1	595.5	845.6
-5°	193.4	209.4	221.8	235.5	250.8	273.1	308.9	363.2	445.0	586.9	827.5
-7.5°	192.3	208.7	221.4	234.9	249.7	271.5	305.9	357.8	436.0	568.6	793.7
-10°	190.9	207.6	220.6	233.9	248.5	269.2	301.4	350.0	423.0	543.0	745.7
-12.5°	189.3	206.2	219.6	232.5	246.8	266.0	295.5	339.9	406.0	510.5	685.0
-15°	187.3	204.3	218.1	230.7	244.6	262.0	288.2	327.6	385.5	472.9	613.8
-17.5°	184.8	202.1	216.4	228.6	241.9	257.2	279.7	314.5	365.8	442.3	565.6
-20°	182.0	199.4	214.3	226.0	238.8	253.0	273.6	304.5	348.8	412.9	510.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	178.8	196.4	211.6	223.3	235.7	249.3	267.3	292.9	329.7	379.2	455.4
-25°	175.2	192.4	207.9	220.5	232.3	244.8	260.3	280.7	312.7	355.0	414.1
-27.5°	171.2	188.0	204.0	217.2	228.6	239.9	254.2	272.4	296.6	329.4	373.2
-30°	166.8	183.4	199.9	213.3	224.7	235.7	247.8	262.8	281.2	308.8	343.9
-32.5°	162.1	178.4	194.8	208.6	220.3	231.2	241.2	254.5	270.3	289.1	316.6
-35°	157.0	172.8	188.8	203.8	215.4	225.9	235.6	246.3	259.4	275.3	294.7
-37.5°	151.5	166.8	182.3	198.0	210.1	220.0	229.4	239.0	250.2	262.3	277.5
-40°	145.7	160.4	175.3	190.4	204.1	213.8	223.0	231.6	241.2	251.7	262.9
-42.5°	139.4	153.5	167.8	182.3	196.1	207.0	216.4	224.5	232.5	241.2	250.9
-45°	132.8	146.2	159.9	173.9	187.6	199.3	208.6	217.5	224.3	231.7	239.6
-47.5°	126.0	138.7	151.6	165.2	178.6	190.7	200.4	208.6	215.8	222.4	229.4
-50°	119.0	131.1	143.1	156.1	168.8	181.4	191.9	199.8	206.8	212.9	218.8
-52.5°	111.5	123.4	134.8	146.7	158.8	170.6	181.9	190.8	197.8	204.0	209.6
-55°	103.7	115.0	126.1	137.1	148.4	159.5	170.3	180.0	188.5	194.6	200.6
-57.5°	95.7	106.1	116.5	127.0	137.5	148.2	158.1	168.2	176.9	184.2	190.5
-60°	87.5	97.0	106.3	116.1	126.0	135.6	145.0	154.3	163.6	172.3	177.7
-62.5°	79.0	87.5	95.9	104.5	113.5	122.3	130.7	139.3	148.0	155.6	162.1
-65°	69.8	77.8	85.4	92.9	100.5	108.4	116.1	123.5	130.9	138.2	144.7
-67.5°	60.4	67.7	74.6	81.2	87.9	94.6	101.2	107.8	114.2	120.7	126.9
-70°	51.8	57.6	63.8	69.7	75.4	81.2	86.9	92.5	97.9	103.5	109.0
-72.5°	43.4	48.5	53.4	58.3	63.3	68.2	73.0	77.6	82.3	87.0	91.6
-75°	35.2	39.3	43.5	47.6	51.7	55.6	59.4	63.3	67.3	71.2	74.9
-77.5°	27.3	30.9	34.2	37.3	40.2	43.5	46.6	49.7	52.8	55.9	58.9
-80°	20.0	22.4	25.3	28.0	30.3	32.5	34.7	36.8	39.0	41.4	43.9
-82.5°	13.6	15.3	17.2	19.0	20.6	22.2	23.7	25.2	26.8	28.3	29.9
-85°	7.6	8.2	9.3	10.4	11.5	12.5	13.5	14.4	15.4	16.2	17.0
-87.5°	3.8	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5
-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: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	6.7	6.6	6.5	6.3	6.2	6.6	7.0	7.5	7.9	7.7	7.4
85°	17.8	18.2	18.6	18.8	19.1	19.9	20.8	21.5	22.3	22.2	22.1
82.5°	31.4	32.4	33.2	34.0	34.7	35.7	36.6	37.4	38.0	38.5	38.9
80°	46.2	47.8	49.2	50.5	51.6	52.9	54.1	55.2	56.2	56.7	57.0
77.5°	61.9	64.2	66.4	68.4	70.3	72.2	74.0	75.6	76.9	77.2	77.2
75°	78.4	81.6	84.7	87.5	90.0	92.3	94.1	95.7	97.0	97.7	98.0
72.5°	96.0	99.9	103.4	106.7	109.4	111.7	113.7	115.4	116.9	117.8	118.3
70°	114.2	118.9	122.6	125.6	127.9	130.2	132.7	135.2	137.4	138.7	139.2
67.5°	132.5	137.4	140.7	143.4	145.6	147.8	151.0	153.9	156.5	158.2	159.3
65°	150.4	155.5	158.9	161.5	163.5	165.7	169.3	172.2	174.3	176.1	177.6
62.5°	168.1	173.3	177.0	180.1	183.0	185.5	188.4	190.8	192.7	194.4	196.3
60°	183.4	189.5	193.5	196.7	200.2	204.1	206.2	208.0	209.6	211.0	212.2
57.5°	196.0	201.4	206.5	210.3	213.9	217.5	220.1	221.8	223.1	224.2	224.6
55°	206.5	212.1	217.7	221.8	225.5	228.8	231.6	233.8	235.6	237.1	237.4
52.5°	215.8	222.1	227.7	232.5	237.3	241.2	244.2	247.2	249.9	252.0	252.9
50°	226.1	232.7	239.6	245.9	251.0	255.6	259.3	263.5	268.0	271.7	274.0
47.5°	236.8	244.4	252.7	260.6	266.7	273.3	279.5	285.8	294.1	301.1	306.3
45°	248.0	257.8	267.3	277.3	285.7	298.2	309.9	319.9	333.2	345.3	354.9
42.5°	261.3	273.5	285.1	301.1	317.8	334.9	353.5	369.3	390.1	411.3	428.4
40°	277.0	292.6	313.1	334.5	360.8	384.5	416.5	445.1	477.0	517.4	550.7
37.5°	296.0	319.9	348.4	378.3	419.4	458.7	511.6	567.4	618.1	695.7	761.1
35°	320.5	354.1	391.6	444.4	502.6	576.2	658.8	766.6	859.0	990.0	1115.3
32.5°	352.2	395.3	456.6	538.1	624.1	757.8	888.8	1076.0	1249.2	1456.9	1681.1
30°	387.5	453.1	546.6	658.5	819.0	1015.6	1246.6	1534.0	1848.4	2140.4	2428.1
27.5°	438.6	532.5	655.4	836.0	1086.1	1361.2	1765.9	2156.0	2562.9	2924.7	3226.4
25°	498.2	622.4	812.5	1078.4	1416.6	1887.6	2372.1	2853.5	3291.1	3669.9	4003.2
22.5°	575.2	753.8	1007.2	1351.6	1878.3	2442.9	3011.0	3542.0	4008.8	4430.6	4791.4
20°	659.0	882.5	1244.4	1757.9	2360.2	3003.4	3644.9	4210.5	4724.6	5202.7	5609.4
17.5°	765.2	1078.2	1536.5	2152.5	2848.8	3553.6	4227.4	4841.3	5424.5	5930.5	6355.4
15°	855.7	1250.6	1848.7	2571.2	3324.3	4067.7	4779.1	5445.9	6052.3	6571.4	6970.9
12.5°	976.4	1443.7	2125.8	2931.1	3747.2	4529.4	5278.8	5967.9	6585.0	7098.4	7409.4
10°	1090.5	1643.7	2393.7	3233.4	4081.4	4914.7	5714.9	6421.7	6994.6	7403.0	7668.0
7.5°	1187.5	1815.6	2611.6	3477.9	4346.9	5218.2	6028.1	6715.8	7244.1	7585.2	7769.7
5°	1260.0	1944.1	2773.4	3676.5	4568.2	5454.8	6258.4	6904.0	7360.5	7613.9	7706.6
2.5°	1306.1	2019.5	2867.3	3806.8	4716.3	5604.6	6416.4	7051.9	7439.2	7607.1	7623.2
0°	1324.6	2029.3	2881.8	3875.2	4753.7	5647.2	6461.4	7112.7	7468.5	7606.7	7603.9
-2.5°	1306.1	2019.5	2867.3	3806.8	4716.3	5604.6	6416.4	7051.9	7439.2	7607.1	7623.2
-5°	1260.0	1944.1	2773.4	3676.5	4568.2	5454.8	6258.4	6904.0	7360.5	7613.9	7706.6
-7.5°	1187.5	1815.6	2611.6	3477.9	4346.9	5218.2	6028.1	6715.8	7244.1	7585.2	7769.7
-10°	1090.5	1643.7	2393.7	3233.4	4081.4	4914.7	5714.9	6421.7	6994.6	7403.0	7668.0
-12.5°	976.4	1443.7	2125.8	2931.1	3747.2	4529.4	5278.8	5967.9	6585.0	7098.4	7409.4
-15°	855.7	1250.6	1848.7	2571.2	3324.3	4067.7	4779.1	5445.9	6052.3	6571.4	6970.9
-17.5°	765.2	1078.2	1536.5	2152.5	2848.8	3553.6	4227.4	4841.3	5424.5	5930.5	6355.4
-20°	659.0	882.5	1244.4	1757.9	2360.2	3003.4	3644.9	4210.5	4724.6	5202.7	5609.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	575.2	753.8	1007.2	1351.6	1878.3	2442.9	3011.0	3542.0	4008.8	4430.6	4791.4
-25°	498.2	622.4	812.5	1078.4	1416.6	1887.6	2372.1	2853.5	3291.1	3669.9	4003.2
-27.5°	438.6	532.5	655.4	836.0	1086.1	1361.2	1765.9	2156.0	2562.9	2924.7	3226.4
-30°	387.5	453.1	546.6	658.5	819.0	1015.6	1246.6	1534.0	1848.4	2140.4	2428.1
-32.5°	352.2	395.3	456.6	538.1	624.1	757.8	888.8	1076.0	1249.2	1456.9	1681.1
-35°	320.5	354.1	391.6	444.4	502.6	576.2	658.8	766.6	859.0	990.0	1115.3
-37.5°	296.0	319.9	348.4	378.3	419.4	458.7	511.6	567.4	618.1	695.7	761.1
-40°	277.0	292.6	313.1	334.5	360.8	384.5	416.5	445.1	477.0	517.4	550.7
-42.5°	261.3	273.5	285.1	301.1	317.8	334.9	353.5	369.3	390.1	411.3	428.4
-45°	248.0	257.8	267.3	277.3	285.7	298.2	309.9	319.9	333.2	345.3	354.9
-47.5°	236.8	244.4	252.7	260.6	266.7	273.3	279.5	285.8	294.1	301.1	306.3
-50°	226.1	232.7	239.6	245.9	251.0	255.6	259.3	263.5	268.0	271.7	274.0
-52.5°	215.8	222.1	227.7	232.5	237.3	241.2	244.2	247.2	249.9	252.0	252.9
-55°	206.5	212.1	217.7	221.8	225.5	228.8	231.6	233.8	235.6	237.1	237.4
-57.5°	196.0	201.4	206.5	210.3	213.9	217.5	220.1	221.8	223.1	224.2	224.6
-60°	183.4	189.5	193.5	196.7	200.2	204.1	206.2	208.0	209.6	211.0	212.2
-62.5°	168.1	173.3	177.0	180.1	183.0	185.5	188.4	190.8	192.7	194.4	196.3
-65°	150.4	155.5	158.9	161.5	163.5	165.7	169.3	172.2	174.3	176.1	177.6
-67.5°	132.5	137.4	140.7	143.4	145.6	147.8	151.0	153.9	156.5	158.2	159.3
-70°	114.2	118.9	122.6	125.6	127.9	130.2	132.7	135.2	137.4	138.7	139.2
-72.5°	96.0	99.9	103.4	106.7	109.4	111.7	113.7	115.4	116.9	117.8	118.3
-75°	78.4	81.6	84.7	87.5	90.0	92.3	94.1	95.7	97.0	97.7	98.0
-77.5°	61.9	64.2	66.4	68.4	70.3	72.2	74.0	75.6	76.9	77.2	77.2
-80°	46.2	47.8	49.2	50.5	51.6	52.9	54.1	55.2	56.2	56.7	57.0
-82.5°	31.4	32.4	33.2	34.0	34.7	35.7	36.6	37.4	38.0	38.5	38.9
-85°	17.8	18.2	18.6	18.8	19.1	19.9	20.8	21.5	22.3	22.2	22.1
-87.5°	6.7	6.6	6.5	6.3	6.2	6.6	7.0	7.5	7.9	7.7	7.4
-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: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	7.1	6.8	6.8	6.8	6.8	6.8	7.1	7.4	7.7	7.9	7.5
85°	22.0	21.8	21.2	20.5	21.2	21.8	22.0	22.1	22.2	22.3	21.5
82.5°	39.2	39.5	39.0	38.3	39.0	39.5	39.2	38.9	38.5	38.0	37.4
80°	57.2	57.2	56.7	56.1	56.7	57.2	57.2	57.0	56.7	56.2	55.2
77.5°	76.8	76.3	76.5	76.6	76.5	76.3	76.8	77.2	77.2	76.9	75.6
75°	98.1	98.0	97.7	97.2	97.7	98.0	98.1	98.0	97.7	97.0	95.7
72.5°	118.5	118.5	118.2	117.7	118.2	118.5	118.5	118.3	117.8	116.9	115.4
70°	139.3	139.1	139.4	139.6	139.4	139.1	139.3	139.2	138.7	137.4	135.2
67.5°	160.2	160.8	160.7	160.1	160.7	160.8	160.2	159.3	158.2	156.5	153.9
65°	178.9	179.8	180.4	180.6	180.4	179.8	178.9	177.6	176.1	174.3	172.2
62.5°	197.8	198.9	199.0	198.4	199.0	198.9	197.8	196.3	194.4	192.7	190.8
60°	212.8	213.0	212.7	212.1	212.7	213.0	212.8	212.2	211.0	209.6	208.0
57.5°	224.6	224.2	223.7	223.0	223.7	224.2	224.6	224.6	224.2	223.1	221.8
55°	237.2	236.5	236.0	235.4	236.0	236.5	237.2	237.4	237.1	235.6	233.8
52.5°	253.1	252.7	252.3	251.8	252.3	252.7	253.1	252.9	252.0	249.9	247.2
50°	275.2	275.5	275.5	275.0	275.5	275.5	275.2	274.0	271.7	268.0	263.5
47.5°	309.6	311.4	312.7	313.4	312.7	311.4	309.6	306.3	301.1	294.1	285.8
45°	361.0	364.7	367.3	369.5	367.3	364.7	361.0	354.9	345.3	333.2	319.9
42.5°	440.5	448.7	452.6	451.6	452.6	448.7	440.5	428.4	411.3	390.1	369.3
40°	573.0	586.2	593.5	599.3	593.5	586.2	573.0	550.7	517.4	477.0	445.1
37.5°	805.7	831.3	844.8	856.6	844.8	831.3	805.7	761.1	695.7	618.1	567.4
35°	1208.9	1266.6	1297.4	1308.1	1297.4	1266.6	1208.9	1115.3	990.0	859.0	766.6
32.5°	1855.6	1961.9	2020.8	2066.2	2020.8	1961.9	1855.6	1681.1	1456.9	1249.2	1076.0
30°	2656.0	2796.1	2873.9	2911.9	2873.9	2796.1	2656.0	2428.1	2140.4	1848.4	1534.0
27.5°	3476.4	3635.7	3719.6	3715.1	3719.6	3635.7	3476.4	3226.4	2924.7	2562.9	2156.0
25°	4289.0	4473.5	4557.0	4631.9	4557.0	4473.5	4289.0	4003.2	3669.9	3291.1	2853.5
22.5°	5110.8	5326.5	5444.2	5499.4	5444.2	5326.5	5110.8	4791.4	4430.6	4008.8	3542.0
20°	5922.9	6163.0	6287.9	6342.3	6287.9	6163.0	5922.9	5609.4	5202.7	4724.6	4210.5
17.5°	6643.0	6877.5	6996.5	7047.0	6996.5	6877.5	6643.0	6355.4	5930.5	5424.5	4841.3
15°	7218.1	7391.0	7492.3	7519.1	7492.3	7391.0	7218.1	6970.9	6571.4	6052.3	5445.9
12.5°	7615.6	7682.6	7731.3	7746.3	7731.3	7682.6	7615.6	7409.4	7098.4	6585.0	5967.9
10°	7818.8	7788.6	7776.2	7777.7	7776.2	7788.6	7818.8	7668.0	7403.0	6994.6	6421.7
7.5°	7804.9	7760.1	7670.3	7655.9	7670.3	7760.1	7804.9	7769.7	7585.2	7244.1	6715.8
5°	7692.7	7611.3	7462.1	7419.2	7462.1	7611.3	7692.7	7706.6	7613.9	7360.5	6904.0
2.5°	7562.0	7415.2	7277.8	7189.3	7277.8	7415.2	7562.0	7623.2	7607.1	7439.2	7051.9
0°	7523.2	7353.5	7175.7	7118.2	7175.7	7353.5	7523.2	7603.9	7606.7	7468.5	7112.7
-2.5°	7562.0	7415.2	7277.8	7189.3	7277.8	7415.2	7562.0	7623.2	7607.1	7439.2	7051.9
-5°	7692.7	7611.3	7462.1	7419.2	7462.1	7611.3	7692.7	7706.6	7613.9	7360.5	6904.0
-7.5°	7804.9	7760.1	7670.3	7655.9	7670.3	7760.1	7804.9	7769.7	7585.2	7244.1	6715.8
-10°	7818.8	7788.6	7776.2	7777.7	7776.2	7788.6	7818.8	7668.0	7403.0	6994.6	6421.7
-12.5°	7615.6	7682.6	7731.3	7746.3	7731.3	7682.6	7615.6	7409.4	7098.4	6585.0	5967.9
-15°	7218.1	7391.0	7492.3	7519.1	7492.3	7391.0	7218.1	6970.9	6571.4	6052.3	5445.9
-17.5°	6643.0	6877.5	6996.5	7047.0	6996.5	6877.5	6643.0	6355.4	5930.5	5424.5	4841.3
-20°	5922.9	6163.0	6287.9	6342.3	6287.9	6163.0	5922.9	5609.4	5202.7	4724.6	4210.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	5110.8	5326.5	5444.2	5499.4	5444.2	5326.5	5110.8	4791.4	4430.6	4008.8	3542.0
-25°	4289.0	4473.5	4557.0	4631.9	4557.0	4473.5	4289.0	4003.2	3669.9	3291.1	2853.5
-27.5°	3476.4	3635.7	3719.6	3715.1	3719.6	3635.7	3476.4	3226.4	2924.7	2562.9	2156.0
-30°	2656.0	2796.1	2873.9	2911.9	2873.9	2796.1	2656.0	2428.1	2140.4	1848.4	1534.0
-32.5°	1855.6	1961.9	2020.8	2066.2	2020.8	1961.9	1855.6	1681.1	1456.9	1249.2	1076.0
-35°	1208.9	1266.6	1297.4	1308.1	1297.4	1266.6	1208.9	1115.3	990.0	859.0	766.6
-37.5°	805.7	831.3	844.8	856.6	844.8	831.3	805.7	761.1	695.7	618.1	567.4
-40°	573.0	586.2	593.5	599.3	593.5	586.2	573.0	550.7	517.4	477.0	445.1
-42.5°	440.5	448.7	452.6	451.6	452.6	448.7	440.5	428.4	411.3	390.1	369.3
-45°	361.0	364.7	367.3	369.5	367.3	364.7	361.0	354.9	345.3	333.2	319.9
-47.5°	309.6	311.4	312.7	313.4	312.7	311.4	309.6	306.3	301.1	294.1	285.8
-50°	275.2	275.5	275.5	275.0	275.5	275.5	275.2	274.0	271.7	268.0	263.5
-52.5°	253.1	252.7	252.3	251.8	252.3	252.7	253.1	252.9	252.0	249.9	247.2
-55°	237.2	236.5	236.0	235.4	236.0	236.5	237.2	237.4	237.1	235.6	233.8
-57.5°	224.6	224.2	223.7	223.0	223.7	224.2	224.6	224.6	224.2	223.1	221.8
-60°	212.8	213.0	212.7	212.1	212.7	213.0	212.8	212.2	211.0	209.6	208.0
-62.5°	197.8	198.9	199.0	198.4	199.0	198.9	197.8	196.3	194.4	192.7	190.8
-65°	178.9	179.8	180.4	180.6	180.4	179.8	178.9	177.6	176.1	174.3	172.2
-67.5°	160.2	160.8	160.7	160.1	160.7	160.8	160.2	159.3	158.2	156.5	153.9
-70°	139.3	139.1	139.4	139.6	139.4	139.1	139.3	139.2	138.7	137.4	135.2
-72.5°	118.5	118.5	118.2	117.7	118.2	118.5	118.5	118.3	117.8	116.9	115.4
-75°	98.1	98.0	97.7	97.2	97.7	98.0	98.1	98.0	97.7	97.0	95.7
-77.5°	76.8	76.3	76.5	76.6	76.5	76.3	76.8	77.2	77.2	76.9	75.6
-80°	57.2	57.2	56.7	56.1	56.7	57.2	57.2	57.0	56.7	56.2	55.2
-82.5°	39.2	39.5	39.0	38.3	39.0	39.5	39.2	38.9	38.5	38.0	37.4
-85°	22.0	21.8	21.2	20.5	21.2	21.8	22.0	22.1	22.2	22.3	21.5
-87.5°	7.1	6.8	6.8	6.8	6.8	6.8	7.1	7.4	7.7	7.9	7.5
-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: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	7.0	6.6	6.2	6.3	6.5	6.6	6.7	6.5	6.3	6.0	5.8
85°	20.8	19.9	19.1	18.8	18.6	18.2	17.8	17.0	16.2	15.4	14.4
82.5°	36.6	35.7	34.7	34.0	33.2	32.4	31.4	29.9	28.3	26.8	25.2
80°	54.1	52.9	51.6	50.5	49.2	47.8	46.2	43.9	41.4	39.0	36.8
77.5°	74.0	72.2	70.3	68.4	66.4	64.2	61.9	58.9	55.9	52.8	49.7
75°	94.1	92.3	90.0	87.5	84.7	81.6	78.4	74.9	71.2	67.3	63.3
72.5°	113.7	111.7	109.4	106.7	103.4	99.9	96.0	91.6	87.0	82.3	77.6
70°	132.7	130.2	127.9	125.6	122.6	118.9	114.2	109.0	103.5	97.9	92.5
67.5°	151.0	147.8	145.6	143.4	140.7	137.4	132.5	126.9	120.7	114.2	107.8
65°	169.3	165.7	163.5	161.5	158.9	155.5	150.4	144.7	138.2	130.9	123.5
62.5°	188.4	185.5	183.0	180.1	177.0	173.3	168.1	162.1	155.6	148.0	139.3
60°	206.2	204.1	200.2	196.7	193.5	189.5	183.4	177.7	172.3	163.6	154.3
57.5°	220.1	217.5	213.9	210.3	206.5	201.4	196.0	190.5	184.2	176.9	168.2
55°	231.6	228.8	225.5	221.8	217.7	212.1	206.5	200.6	194.6	188.5	180.0
52.5°	244.2	241.2	237.3	232.5	227.7	222.1	215.8	209.6	204.0	197.8	190.8
50°	259.3	255.6	251.0	245.9	239.6	232.7	226.1	218.8	212.9	206.8	199.8
47.5°	279.5	273.3	266.7	260.6	252.7	244.4	236.8	229.4	222.4	215.8	208.6
45°	309.9	298.2	285.7	277.3	267.3	257.8	248.0	239.6	231.7	224.3	217.5
42.5°	353.5	334.9	317.8	301.1	285.1	273.5	261.3	250.9	241.2	232.5	224.5
40°	416.5	384.5	360.8	334.5	313.1	292.6	277.0	262.9	251.7	241.2	231.6
37.5°	511.6	458.7	419.4	378.3	348.4	319.9	296.0	277.5	262.3	250.2	239.0
35°	658.8	576.2	502.6	444.4	391.6	354.1	320.5	294.7	275.3	259.4	246.3
32.5°	888.8	757.8	624.1	538.1	456.6	395.3	352.2	316.6	289.1	270.3	254.5
30°	1246.6	1015.6	819.0	658.5	546.6	453.1	387.5	343.9	308.8	281.2	262.8
27.5°	1765.9	1361.2	1086.1	836.0	655.4	532.5	438.6	373.2	329.4	296.6	272.4
25°	2372.1	1887.6	1416.6	1078.4	812.5	622.4	498.2	414.1	355.0	312.7	280.7
22.5°	3011.0	2442.9	1878.3	1351.6	1007.2	753.8	575.2	455.4	379.2	329.7	292.9
20°	3644.9	3003.4	2360.2	1757.9	1244.4	882.5	659.0	510.2	412.9	348.8	304.5
17.5°	4227.4	3553.6	2848.8	2152.5	1536.5	1078.2	765.2	565.6	442.3	365.8	314.5
15°	4779.1	4067.7	3324.3	2571.2	1848.7	1250.6	855.7	613.8	472.9	385.5	327.6
12.5°	5278.8	4529.4	3747.2	2931.1	2125.8	1443.7	976.4	685.0	510.5	406.0	339.9
10°	5714.9	4914.7	4081.4	3233.4	2393.7	1643.7	1090.5	745.7	543.0	423.0	350.0
7.5°	6028.1	5218.2	4346.9	3477.9	2611.6	1815.6	1187.5	793.7	568.6	436.0	357.8
5°	6258.4	5454.8	4568.2	3676.5	2773.4	1944.1	1260.0	827.5	586.9	445.0	363.2
2.5°	6416.4	5604.6	4716.3	3806.8	2867.3	2019.5	1306.1	845.6	595.5	452.1	366.2
0°	6461.4	5647.2	4753.7	3875.2	2881.8	2029.3	1324.6	848.4	595.2	455.7	366.7
-2.5°	6416.4	5604.6	4716.3	3806.8	2867.3	2019.5	1306.1	845.6	595.5	452.1	366.2
-5°	6258.4	5454.8	4568.2	3676.5	2773.4	1944.1	1260.0	827.5	586.9	445.0	363.2
-7.5°	6028.1	5218.2	4346.9	3477.9	2611.6	1815.6	1187.5	793.7	568.6	436.0	357.8
-10°	5714.9	4914.7	4081.4	3233.4	2393.7	1643.7	1090.5	745.7	543.0	423.0	350.0
-12.5°	5278.8	4529.4	3747.2	2931.1	2125.8	1443.7	976.4	685.0	510.5	406.0	339.9
-15°	4779.1	4067.7	3324.3	2571.2	1848.7	1250.6	855.7	613.8	472.9	385.5	327.6
-17.5°	4227.4	3553.6	2848.8	2152.5	1536.5	1078.2	765.2	565.6	442.3	365.8	314.5
-20°	3644.9	3003.4	2360.2	1757.9	1244.4	882.5	659.0	510.2	412.9	348.8	304.5

Classified

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Scaled Data Report



REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3011.0	2442.9	1878.3	1351.6	1007.2	753.8	575.2	455.4	379.2	329.7	292.9
-25°	2372.1	1887.6	1416.6	1078.4	812.5	622.4	498.2	414.1	355.0	312.7	280.7
-27.5°	1765.9	1361.2	1086.1	836.0	655.4	532.5	438.6	373.2	329.4	296.6	272.4
-30°	1246.6	1015.6	819.0	658.5	546.6	453.1	387.5	343.9	308.8	281.2	262.8
-32.5°	888.8	757.8	624.1	538.1	456.6	395.3	352.2	316.6	289.1	270.3	254.5
-35°	658.8	576.2	502.6	444.4	391.6	354.1	320.5	294.7	275.3	259.4	246.3
-37.5°	511.6	458.7	419.4	378.3	348.4	319.9	296.0	277.5	262.3	250.2	239.0
-40°	416.5	384.5	360.8	334.5	313.1	292.6	277.0	262.9	251.7	241.2	231.6
-42.5°	353.5	334.9	317.8	301.1	285.1	273.5	261.3	250.9	241.2	232.5	224.5
-45°	309.9	298.2	285.7	277.3	267.3	257.8	248.0	239.6	231.7	224.3	217.5
-47.5°	279.5	273.3	266.7	260.6	252.7	244.4	236.8	229.4	222.4	215.8	208.6
-50°	259.3	255.6	251.0	245.9	239.6	232.7	226.1	218.8	212.9	206.8	199.8
-52.5°	244.2	241.2	237.3	232.5	227.7	222.1	215.8	209.6	204.0	197.8	190.8
-55°	231.6	228.8	225.5	221.8	217.7	212.1	206.5	200.6	194.6	188.5	180.0
-57.5°	220.1	217.5	213.9	210.3	206.5	201.4	196.0	190.5	184.2	176.9	168.2
-60°	206.2	204.1	200.2	196.7	193.5	189.5	183.4	177.7	172.3	163.6	154.3
-62.5°	188.4	185.5	183.0	180.1	177.0	173.3	168.1	162.1	155.6	148.0	139.3
-65°	169.3	165.7	163.5	161.5	158.9	155.5	150.4	144.7	138.2	130.9	123.5
-67.5°	151.0	147.8	145.6	143.4	140.7	137.4	132.5	126.9	120.7	114.2	107.8
-70°	132.7	130.2	127.9	125.6	122.6	118.9	114.2	109.0	103.5	97.9	92.5
-72.5°	113.7	111.7	109.4	106.7	103.4	99.9	96.0	91.6	87.0	82.3	77.6
-75°	94.1	92.3	90.0	87.5	84.7	81.6	78.4	74.9	71.2	67.3	63.3
-77.5°	74.0	72.2	70.3	68.4	66.4	64.2	61.9	58.9	55.9	52.8	49.7
-80°	54.1	52.9	51.6	50.5	49.2	47.8	46.2	43.9	41.4	39.0	36.8
-82.5°	36.6	35.7	34.7	34.0	33.2	32.4	31.4	29.9	28.3	26.8	25.2
-85°	20.8	19.9	19.1	18.8	18.6	18.2	17.8	17.0	16.2	15.4	14.4
-87.5°	7.0	6.6	6.2	6.3	6.5	6.6	6.7	6.5	6.3	6.0	5.8
-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: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.0	2.6	2.1
85°	13.5	12.5	11.5	10.4	9.3	8.2	7.6	6.9	6.0	5.1	4.3
82.5°	23.7	22.2	20.6	19.0	17.2	15.3	13.6	11.8	9.9	7.8	6.4
80°	34.7	32.5	30.3	28.0	25.3	22.4	20.0	17.5	15.2	12.7	10.0
77.5°	46.6	43.5	40.2	37.3	34.2	30.9	27.3	23.7	20.5	17.5	14.4
75°	59.4	55.6	51.7	47.6	43.5	39.3	35.2	31.0	26.8	22.5	18.7
72.5°	73.0	68.2	63.3	58.3	53.4	48.5	43.4	38.3	33.3	28.3	23.2
70°	86.9	81.2	75.4	69.7	63.8	57.6	51.8	45.8	39.9	34.1	28.3
67.5°	101.2	94.6	87.9	81.2	74.6	67.7	60.4	53.3	46.5	39.9	33.3
65°	116.1	108.4	100.5	92.9	85.4	77.8	69.8	61.0	53.1	45.6	38.3
62.5°	130.7	122.3	113.5	104.5	95.9	87.5	79.0	69.3	59.7	51.2	43.1
60°	145.0	135.6	126.0	116.1	106.3	97.0	87.5	77.3	66.8	56.7	47.9
57.5°	158.1	148.2	137.5	127.0	116.5	106.1	95.7	84.9	73.8	62.7	52.5
55°	170.3	159.5	148.4	137.1	126.1	115.0	103.7	92.2	80.5	68.6	57.0
52.5°	181.9	170.6	158.8	146.7	134.8	123.4	111.5	99.2	86.8	74.3	62.0
50°	191.9	181.4	168.8	156.1	143.1	131.1	119.0	106.1	93.0	79.8	66.8
47.5°	200.4	190.7	178.6	165.2	151.6	138.7	126.0	112.6	98.9	85.1	71.4
45°	208.6	199.3	187.6	173.9	159.9	146.2	132.8	119.0	104.6	90.1	75.9
42.5°	216.4	207.0	196.1	182.3	167.8	153.5	139.4	125.0	110.1	95.0	80.1
40°	223.0	213.8	204.1	190.4	175.3	160.4	145.7	130.8	115.3	99.6	84.1
37.5°	229.4	220.0	210.1	198.0	182.3	166.8	151.5	136.4	120.3	104.0	87.8
35°	235.6	225.9	215.4	203.8	188.8	172.8	157.0	141.5	125.0	108.3	91.3
32.5°	241.2	231.2	220.3	208.6	194.8	178.4	162.1	146.1	129.4	112.3	94.6
30°	247.8	235.7	224.7	213.3	199.9	183.4	166.8	150.3	133.5	116.1	97.7
27.5°	254.2	239.9	228.6	217.2	204.0	188.0	171.2	154.2	137.2	119.6	100.7
25°	260.3	244.8	232.3	220.5	207.9	192.4	175.2	157.8	140.4	122.6	103.5
22.5°	267.3	249.3	235.7	223.3	211.6	196.4	178.8	161.1	143.3	125.3	106.1
20°	273.6	253.0	238.8	226.0	214.3	199.4	182.0	164.0	145.9	127.7	108.4
17.5°	279.7	257.2	241.9	228.6	216.4	202.1	184.8	166.5	148.2	129.7	110.5
15°	288.2	262.0	244.6	230.7	218.1	204.3	187.3	168.7	150.1	131.5	112.3
12.5°	295.5	266.0	246.8	232.5	219.6	206.2	189.3	170.5	151.7	133.0	114.0
10°	301.4	269.2	248.5	233.9	220.6	207.6	190.9	172.0	153.2	134.4	115.3
7.5°	305.9	271.5	249.7	234.9	221.4	208.7	192.3	173.4	154.4	135.4	116.3
5°	308.9	273.1	250.8	235.5	221.8	209.4	193.4	174.3	155.3	136.2	117.1
2.5°	310.5	273.8	251.5	235.6	221.9	209.6	194.1	174.9	155.8	136.6	117.5
0°	310.6	273.7	251.8	235.4	221.7	209.4	194.3	175.1	156.0	136.8	117.7
-2.5°	310.5	273.8	251.5	235.6	221.9	209.6	194.1	174.9	155.8	136.6	117.5
-5°	308.9	273.1	250.8	235.5	221.8	209.4	193.4	174.3	155.3	136.2	117.1
-7.5°	305.9	271.5	249.7	234.9	221.4	208.7	192.3	173.4	154.4	135.4	116.3
-10°	301.4	269.2	248.5	233.9	220.6	207.6	190.9	172.0	153.2	134.4	115.3
-12.5°	295.5	266.0	246.8	232.5	219.6	206.2	189.3	170.5	151.7	133.0	114.0
-15°	288.2	262.0	244.6	230.7	218.1	204.3	187.3	168.7	150.1	131.5	112.3
-17.5°	279.7	257.2	241.9	228.6	216.4	202.1	184.8	166.5	148.2	129.7	110.5
-20°	273.6	253.0	238.8	226.0	214.3	199.4	182.0	164.0	145.9	127.7	108.4

Classified

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REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	267.3	249.3	235.7	223.3	211.6	196.4	178.8	161.1	143.3	125.3	106.1
-25°	260.3	244.8	232.3	220.5	207.9	192.4	175.2	157.8	140.4	122.6	103.5
-27.5°	254.2	239.9	228.6	217.2	204.0	188.0	171.2	154.2	137.2	119.6	100.7
-30°	247.8	235.7	224.7	213.3	199.9	183.4	166.8	150.3	133.5	116.1	97.7
-32.5°	241.2	231.2	220.3	208.6	194.8	178.4	162.1	146.1	129.4	112.3	94.6
-35°	235.6	225.9	215.4	203.8	188.8	172.8	157.0	141.5	125.0	108.3	91.3
-37.5°	229.4	220.0	210.1	198.0	182.3	166.8	151.5	136.4	120.3	104.0	87.8
-40°	223.0	213.8	204.1	190.4	175.3	160.4	145.7	130.8	115.3	99.6	84.1
-42.5°	216.4	207.0	196.1	182.3	167.8	153.5	139.4	125.0	110.1	95.0	80.1
-45°	208.6	199.3	187.6	173.9	159.9	146.2	132.8	119.0	104.6	90.1	75.9
-47.5°	200.4	190.7	178.6	165.2	151.6	138.7	126.0	112.6	98.9	85.1	71.4
-50°	191.9	181.4	168.8	156.1	143.1	131.1	119.0	106.1	93.0	79.8	66.8
-52.5°	181.9	170.6	158.8	146.7	134.8	123.4	111.5	99.2	86.8	74.3	62.0
-55°	170.3	159.5	148.4	137.1	126.1	115.0	103.7	92.2	80.5	68.6	57.0
-57.5°	158.1	148.2	137.5	127.0	116.5	106.1	95.7	84.9	73.8	62.7	52.5
-60°	145.0	135.6	126.0	116.1	106.3	97.0	87.5	77.3	66.8	56.7	47.9
-62.5°	130.7	122.3	113.5	104.5	95.9	87.5	79.0	69.3	59.7	51.2	43.1
-65°	116.1	108.4	100.5	92.9	85.4	77.8	69.8	61.0	53.1	45.6	38.3
-67.5°	101.2	94.6	87.9	81.2	74.6	67.7	60.4	53.3	46.5	39.9	33.3
-70°	86.9	81.2	75.4	69.7	63.8	57.6	51.8	45.8	39.9	34.1	28.3
-72.5°	73.0	68.2	63.3	58.3	53.4	48.5	43.4	38.3	33.3	28.3	23.2
-75°	59.4	55.6	51.7	47.6	43.5	39.3	35.2	31.0	26.8	22.5	18.7
-77.5°	46.6	43.5	40.2	37.3	34.2	30.9	27.3	23.7	20.5	17.5	14.4
-80°	34.7	32.5	30.3	28.0	25.3	22.4	20.0	17.5	15.2	12.7	10.0
-82.5°	23.7	22.2	20.6	19.0	17.2	15.3	13.6	11.8	9.9	7.8	6.4
-85°	13.5	12.5	11.5	10.4	9.3	8.2	7.6	6.9	6.0	5.1	4.3
-87.5°	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.0	2.6	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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REPORT NUMBER: P626777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.3	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	11.1	7.9	5.9	4.4	2.9	1.5	0.0
75°	14.9	11.1	7.3	5.3	3.5	1.8	0.0
72.5°	18.7	14.2	9.8	6.1	4.1	2.0	0.0
70°	22.5	17.3	12.3	7.2	4.6	2.3	0.0
67.5°	26.7	20.4	14.7	9.0	5.2	2.6	0.0
65°	30.9	23.6	17.1	10.8	5.7	2.9	0.0
62.5°	35.0	27.0	19.5	12.6	6.3	3.1	0.0
60°	39.0	30.3	21.8	14.3	6.8	3.4	0.0
57.5°	43.0	33.4	24.3	16.0	7.9	3.7	0.0
55°	46.9	36.5	26.7	17.6	9.0	3.9	0.0
52.5°	50.7	39.5	29.1	19.2	10.0	4.1	0.0
50°	54.4	42.6	31.4	20.8	11.0	4.4	0.0
47.5°	58.1	45.7	33.5	22.3	12.0	4.6	0.0
45°	61.8	48.6	35.6	23.8	12.9	4.8	0.0
42.5°	65.4	51.4	37.6	25.3	13.7	5.0	0.0
40°	68.9	54.1	39.6	26.7	14.6	5.2	0.0
37.5°	72.1	56.7	41.6	28.0	15.3	5.4	0.0
35°	75.1	59.1	43.6	29.2	16.0	5.6	0.0
32.5°	77.9	61.5	45.4	30.3	16.7	5.7	0.0
30°	80.5	63.7	47.1	31.3	17.3	5.9	0.0
27.5°	82.9	65.7	48.7	32.3	17.9	6.0	0.0
25°	85.1	67.6	50.0	33.2	18.4	6.2	0.0
22.5°	87.0	69.2	51.3	33.9	18.9	6.3	0.0
20°	88.8	70.6	52.4	34.6	19.3	6.4	0.0
17.5°	90.3	71.8	53.4	35.2	19.6	6.5	0.0
15°	91.7	72.8	54.2	35.8	19.9	6.6	0.0
12.5°	92.9	73.7	54.9	36.2	20.1	6.6	0.0
10°	94.0	74.4	55.4	36.5	20.3	6.7	0.0
7.5°	94.8	74.9	55.8	36.8	20.4	6.7	0.0
5°	95.3	75.2	56.1	36.9	20.5	6.8	0.0
2.5°	95.7	75.4	56.1	36.9	20.5	6.8	0.0
0°	95.8	75.3	56.1	36.9	20.5	6.8	0.0
-2.5°	95.7	75.4	56.1	36.9	20.5	6.8	0.0
-5°	95.3	75.2	56.1	36.9	20.5	6.8	0.0
-7.5°	94.8	74.9	55.8	36.8	20.4	6.7	0.0
-10°	94.0	74.4	55.4	36.5	20.3	6.7	0.0
-12.5°	92.9	73.7	54.9	36.2	20.1	6.6	0.0
-15°	91.7	72.8	54.2	35.8	19.9	6.6	0.0
-17.5°	90.3	71.8	53.4	35.2	19.6	6.5	0.0
-20°	88.8	70.6	52.4	34.6	19.3	6.4	0.0

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CATALOG NUMBER: GFLD-SA1E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	87.0	69.2	51.3	33.9	18.9	6.3	0.0
-25°	85.1	67.6	50.0	33.2	18.4	6.2	0.0
-27.5°	82.9	65.7	48.7	32.3	17.9	6.0	0.0
-30°	80.5	63.7	47.1	31.3	17.3	5.9	0.0
-32.5°	77.9	61.5	45.4	30.3	16.7	5.7	0.0
-35°	75.1	59.1	43.6	29.2	16.0	5.6	0.0
-37.5°	72.1	56.7	41.6	28.0	15.3	5.4	0.0
-40°	68.9	54.1	39.6	26.7	14.6	5.2	0.0
-42.5°	65.4	51.4	37.6	25.3	13.7	5.0	0.0
-45°	61.8	48.6	35.6	23.8	12.9	4.8	0.0
-47.5°	58.1	45.7	33.5	22.3	12.0	4.6	0.0
-50°	54.4	42.6	31.4	20.8	11.0	4.4	0.0
-52.5°	50.7	39.5	29.1	19.2	10.0	4.1	0.0
-55°	46.9	36.5	26.7	17.6	9.0	3.9	0.0
-57.5°	43.0	33.4	24.3	16.0	7.9	3.7	0.0
-60°	39.0	30.3	21.8	14.3	6.8	3.4	0.0
-62.5°	35.0	27.0	19.5	12.6	6.3	3.1	0.0
-65°	30.9	23.6	17.1	10.8	5.7	2.9	0.0
-67.5°	26.7	20.4	14.7	9.0	5.2	2.6	0.0
-70°	22.5	17.3	12.3	7.2	4.6	2.3	0.0
-72.5°	18.7	14.2	9.8	6.1	4.1	2.0	0.0
-75°	14.9	11.1	7.3	5.3	3.5	1.8	0.0
-77.5°	11.1	7.9	5.9	4.4	2.9	1.5	0.0
-80°	7.3	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)