

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: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626657 (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-SA1C-727-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N12
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5045.6 lumens	Max Intensity:	5928.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	116.0 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:	3349 lumens	Field Lumens:	4354.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	43.5		
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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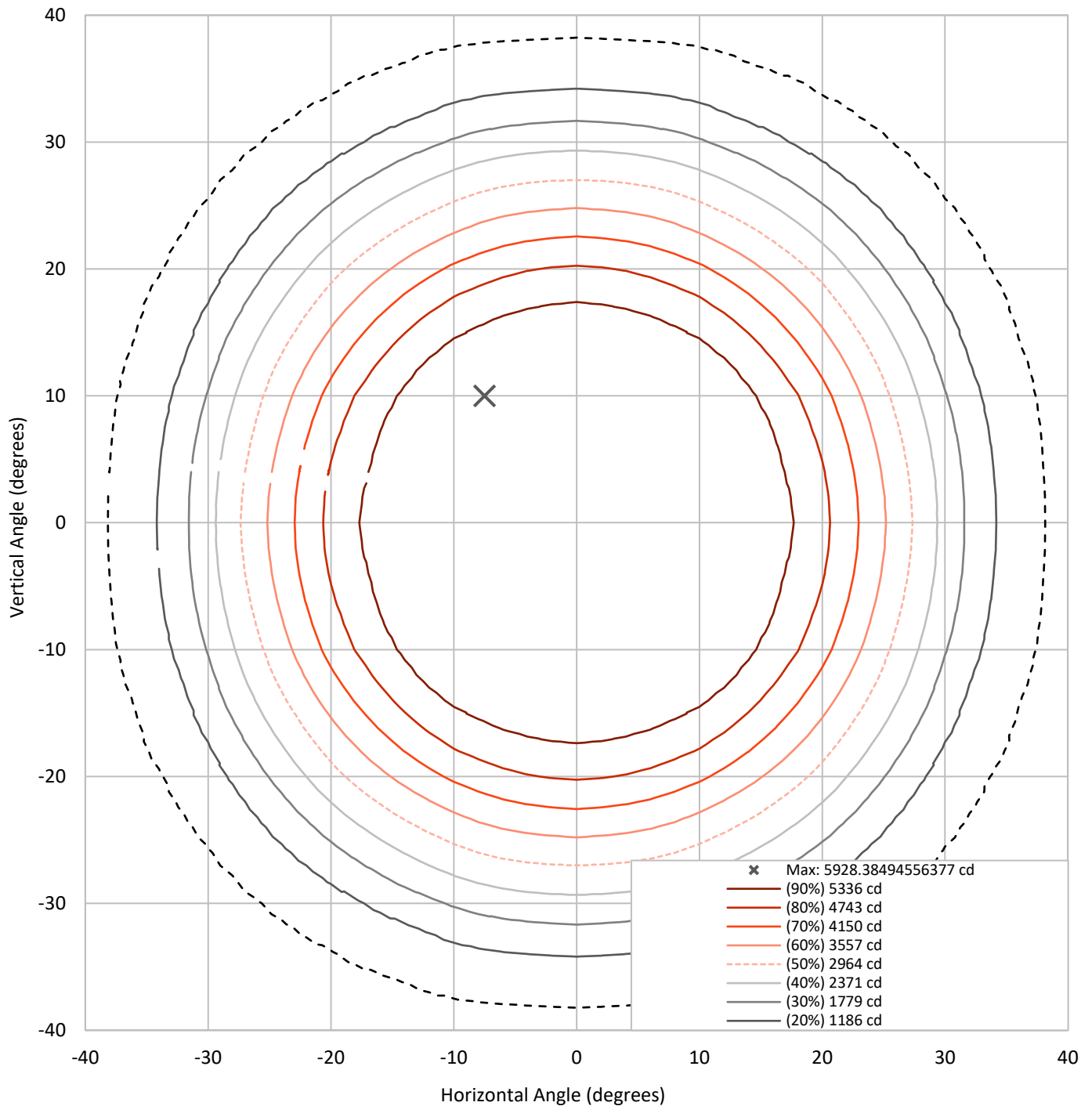
Scaled Data Report



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MWR-XX

Iso-Candela Plot





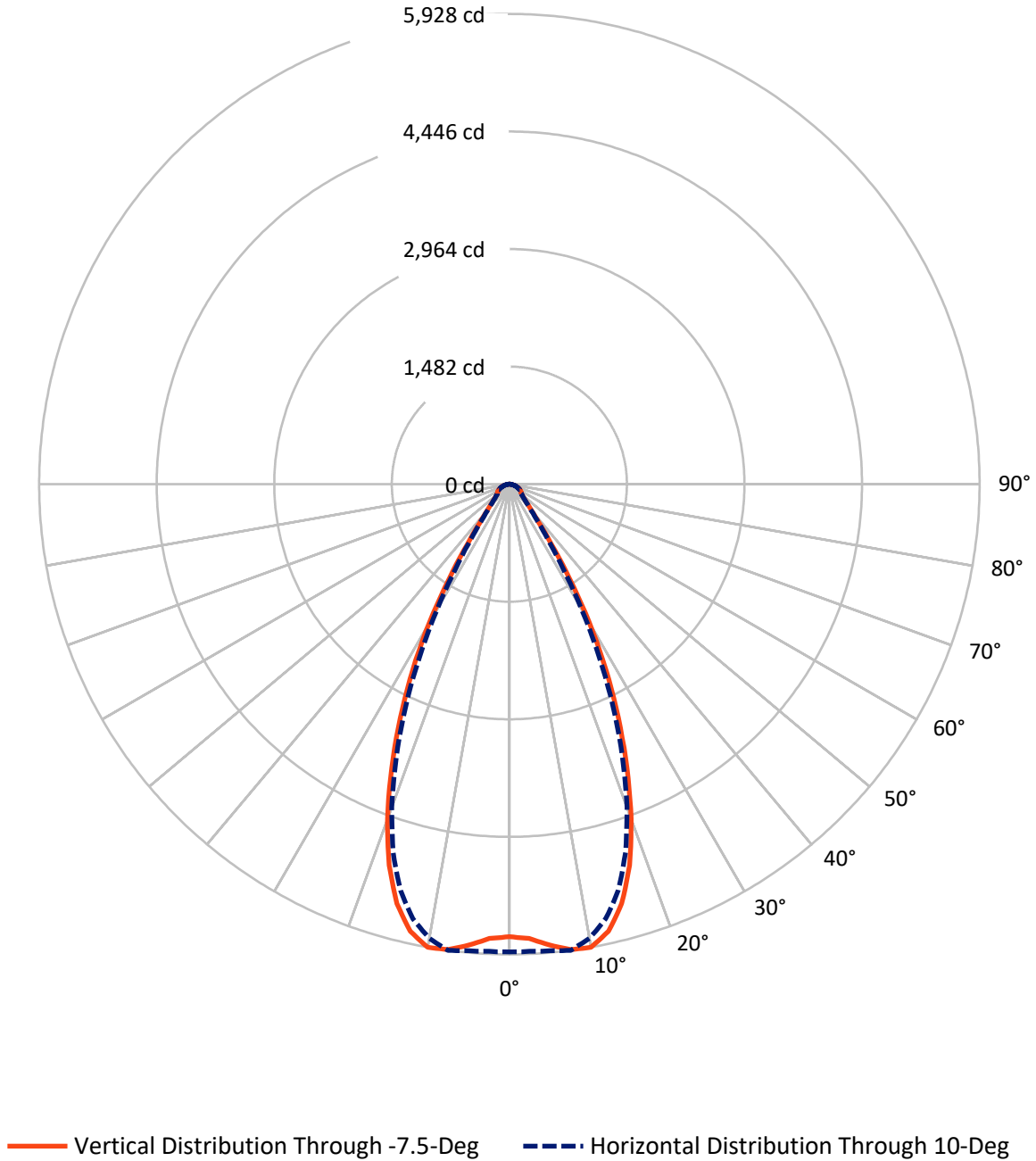
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Lumen Table

90																			
80	0.1	1.2		3.2		5.0		5.6		5.0		3.2		1.2		0.1			
70																			
60	0.5	0.6	1.2	2.0	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.0	1.2	0.6	0.5			
50		0.9	1.8	2.9	3.9	4.7	5.3	5.5	5.5	5.3	4.7	3.9	2.9	1.8	0.9				
40	0.9	1.2	2.3	3.5	4.7	6.2	7.8	8.9	8.9	7.8	6.2	4.7	3.5	2.3	1.2	0.9			
30		1.4	2.7	4.1	6.3	11.5	21.9	32.5	32.5	21.9	11.5	6.3	4.1	2.7	1.4				
20	1.2	1.6	2.9	4.7	10.3	32.4	72.7	101.5	101.5	72.7	32.4	10.3	4.7	2.9	1.6	1.2			
10		1.7	3.1	5.6	18.7	69.1	131.9	165.0	165.0	131.9	69.1	18.7	5.6	3.1	1.7				
0	1.3	1.7	3.2	6.3	26.9	94.5	160.0	174.1	174.1	160.0	94.5	26.9	6.3	3.2	1.7	1.3			
-10		1.7	3.2	6.3	26.9	94.5	160.0	174.1	174.1	160.0	94.5	26.9	6.3	3.2	1.7				
-20	1.2	1.7	3.1	5.6	18.7	69.1	131.9	165.0	165.0	131.9	69.1	18.7	5.6	3.1	1.7	1.2			
-30		1.6	2.9	4.7	10.3	32.4	72.7	101.5	101.5	72.7	32.4	10.3	4.7	2.9	1.6				
-40	0.9	1.4	2.7	4.1	6.3	11.5	21.9	32.5	32.5	21.9	11.5	6.3	4.1	2.7	1.4	0.9			
-50		1.2	2.3	3.5	4.7	6.2	7.8	8.9	8.9	7.8	6.2	4.7	3.5	2.3	1.2				
-60	0.5	0.9	1.8	2.9	3.9	4.7	5.3	5.5	5.5	5.3	4.7	3.9	2.9	1.8	0.9	0.5			
-70		0.6	1.2	2.0	2.8	3.4	3.9	4.1	4.1	3.9	3.4	2.8	2.0	1.2	0.6				
-80																			
-90	0.1	1.2		3.2		5.0		5.6		5.0		3.2		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

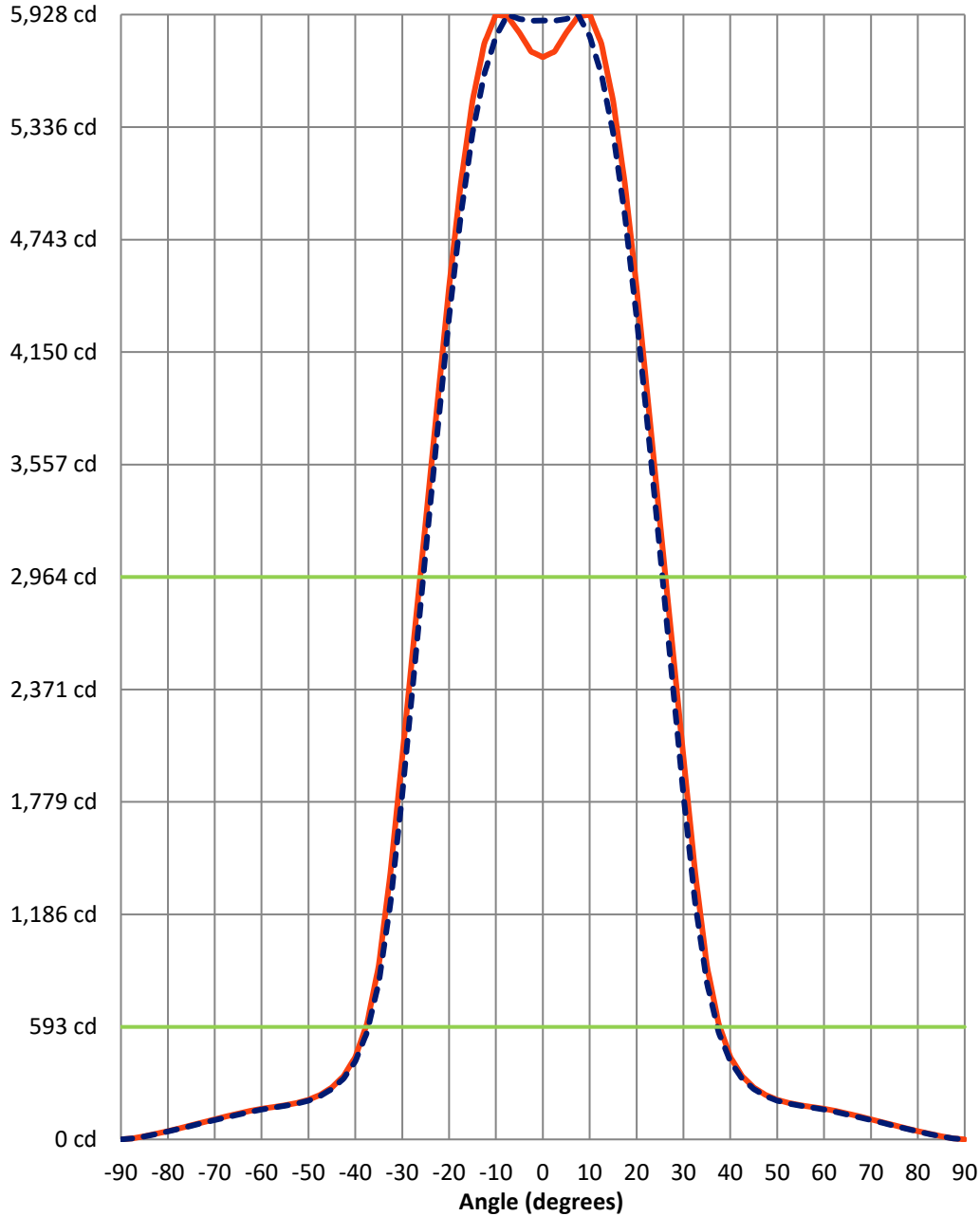
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 3349
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 4354.6
 Efficiency: 86.3%

Spill:
 Lumens: 691
 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	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.3	2.6
85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.3	3.9	4.5	5.2
82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.9	7.5	8.9
80°	0.0	0.9	1.8	2.7	3.6	4.5	5.5	7.6	9.6	11.5	13.3
77.5°	0.0	1.1	2.2	3.4	4.5	6.0	8.4	10.9	13.3	15.5	17.9
75°	0.0	1.3	2.7	4.0	5.5	8.4	11.3	14.2	17.0	20.3	23.5
72.5°	0.0	1.6	3.1	4.7	7.4	10.8	14.2	17.6	21.5	25.3	29.0
70°	0.0	1.8	3.6	5.5	9.3	13.2	17.0	21.5	25.9	30.2	34.8
67.5°	0.0	2.0	4.0	6.9	11.2	15.5	20.3	25.3	30.2	35.3	40.5
65°	0.0	2.2	4.4	8.2	13.0	17.9	23.4	29.0	34.6	40.3	46.3
62.5°	0.0	2.4	4.8	9.6	14.8	20.5	26.5	32.7	38.9	45.3	52.5
60°	0.0	2.6	5.2	10.9	16.5	22.9	29.6	36.3	43.0	50.7	58.6
57.5°	0.0	2.8	6.0	12.1	18.4	25.4	32.6	39.8	47.5	55.9	64.4
55°	0.0	3.0	6.8	13.4	20.3	27.7	35.5	43.2	52.0	61.0	69.9
52.5°	0.0	3.2	7.6	14.6	22.1	30.0	38.4	47.0	56.3	65.8	75.2
50°	0.0	3.3	8.4	15.7	23.8	32.4	41.3	50.6	60.5	70.5	80.4
47.5°	0.0	3.5	9.1	16.9	25.5	34.6	44.0	54.1	64.5	75.0	85.4
45°	0.0	3.7	9.8	18.1	27.0	36.8	46.9	57.5	68.3	79.3	90.3
42.5°	0.0	3.8	10.4	19.2	28.5	39.0	49.6	60.7	72.0	83.5	94.8
40°	0.0	4.0	11.1	20.3	30.1	41.0	52.2	63.7	75.5	87.5	99.2
37.5°	0.0	4.1	11.7	21.2	31.6	43.0	54.6	66.6	78.9	91.3	103.4
35°	0.0	4.3	12.2	22.1	33.1	44.9	56.9	69.2	82.1	94.8	107.3
32.5°	0.0	4.4	12.7	23.0	34.5	46.6	59.1	71.7	85.2	98.2	110.8
30°	0.0	4.5	13.2	23.8	35.8	48.3	61.0	74.0	88.0	101.2	114.0
27.5°	0.0	4.6	13.6	24.5	36.9	49.8	62.9	76.3	90.7	104.0	117.0
25°	0.0	4.7	14.0	25.2	38.0	51.2	64.5	78.5	92.9	106.5	119.7
22.5°	0.0	4.8	14.3	25.8	38.9	52.5	66.0	80.4	95.0	108.7	122.2
20°	0.0	4.9	14.6	26.3	39.7	53.5	67.3	82.2	96.8	110.7	124.4
17.5°	0.0	5.0	14.9	26.8	40.5	54.5	68.5	83.7	98.4	112.4	126.3
15°	0.0	5.0	15.1	27.2	41.1	55.2	69.5	85.1	99.7	113.9	127.9
12.5°	0.0	5.1	15.3	27.5	41.6	55.9	70.4	86.4	100.9	115.1	129.3
10°	0.0	5.1	15.5	27.7	42.0	56.4	71.2	87.4	102.0	116.2	130.4
7.5°	0.0	5.2	15.6	27.9	42.3	56.8	71.8	88.2	102.8	117.1	131.5
5°	0.0	5.2	15.6	28.0	42.5	57.0	72.2	88.7	103.3	117.8	132.2
2.5°	0.0	5.2	15.6	28.0	42.5	57.1	72.5	89.1	103.7	118.2	132.7
0°	0.0	5.2	15.6	28.0	42.5	57.1	72.6	89.2	103.8	118.3	132.8
-2.5°	0.0	5.2	15.6	28.0	42.5	57.1	72.5	89.1	103.7	118.2	132.7
-5°	0.0	5.2	15.6	28.0	42.5	57.0	72.2	88.7	103.3	117.8	132.2
-7.5°	0.0	5.2	15.6	27.9	42.3	56.8	71.8	88.2	102.8	117.1	131.5
-10°	0.0	5.1	15.5	27.7	42.0	56.4	71.2	87.4	102.0	116.2	130.4
-12.5°	0.0	5.1	15.3	27.5	41.6	55.9	70.4	86.4	100.9	115.1	129.3
-15°	0.0	5.0	15.1	27.2	41.1	55.2	69.5	85.1	99.7	113.9	127.9
-17.5°	0.0	5.0	14.9	26.8	40.5	54.5	68.5	83.7	98.4	112.4	126.3
-20°	0.0	4.9	14.6	26.3	39.7	53.5	67.3	82.2	96.8	110.7	124.4

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CATALOG NUMBER: GFLD-SA1C-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	4.8	14.3	25.8	38.9	52.5	66.0	80.4	95.0	108.7	122.2
-25°	0.0	4.7	14.0	25.2	38.0	51.2	64.5	78.5	92.9	106.5	119.7
-27.5°	0.0	4.6	13.6	24.5	36.9	49.8	62.9	76.3	90.7	104.0	117.0
-30°	0.0	4.5	13.2	23.8	35.8	48.3	61.0	74.0	88.0	101.2	114.0
-32.5°	0.0	4.4	12.7	23.0	34.5	46.6	59.1	71.7	85.2	98.2	110.8
-35°	0.0	4.3	12.2	22.1	33.1	44.9	56.9	69.2	82.1	94.8	107.3
-37.5°	0.0	4.1	11.7	21.2	31.6	43.0	54.6	66.6	78.9	91.3	103.4
-40°	0.0	4.0	11.1	20.3	30.1	41.0	52.2	63.7	75.5	87.5	99.2
-42.5°	0.0	3.8	10.4	19.2	28.5	39.0	49.6	60.7	72.0	83.5	94.8
-45°	0.0	3.7	9.8	18.1	27.0	36.8	46.9	57.5	68.3	79.3	90.3
-47.5°	0.0	3.5	9.1	16.9	25.5	34.6	44.0	54.1	64.5	75.0	85.4
-50°	0.0	3.3	8.4	15.7	23.8	32.4	41.3	50.6	60.5	70.5	80.4
-52.5°	0.0	3.2	7.6	14.6	22.1	30.0	38.4	47.0	56.3	65.8	75.2
-55°	0.0	3.0	6.8	13.4	20.3	27.7	35.5	43.2	52.0	61.0	69.9
-57.5°	0.0	2.8	6.0	12.1	18.4	25.4	32.6	39.8	47.5	55.9	64.4
-60°	0.0	2.6	5.2	10.9	16.5	22.9	29.6	36.3	43.0	50.7	58.6
-62.5°	0.0	2.4	4.8	9.6	14.8	20.5	26.5	32.7	38.9	45.3	52.5
-65°	0.0	2.2	4.4	8.2	13.0	17.9	23.4	29.0	34.6	40.3	46.3
-67.5°	0.0	2.0	4.0	6.9	11.2	15.5	20.3	25.3	30.2	35.3	40.5
-70°	0.0	1.8	3.6	5.5	9.3	13.2	17.0	21.5	25.9	30.2	34.8
-72.5°	0.0	1.6	3.1	4.7	7.4	10.8	14.2	17.6	21.5	25.3	29.0
-75°	0.0	1.3	2.7	4.0	5.5	8.4	11.3	14.2	17.0	20.3	23.5
-77.5°	0.0	1.1	2.2	3.4	4.5	6.0	8.4	10.9	13.3	15.5	17.9
-80°	0.0	0.9	1.8	2.7	3.6	4.5	5.5	7.6	9.6	11.5	13.3
-82.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.9	7.5	8.9
-85°	0.0	0.5	0.9	1.4	1.8	2.2	2.7	3.3	3.9	4.5	5.2
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.3	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1C-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°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
85°	5.7	6.2	7.0	7.9	8.7	9.4	10.2	10.9	11.6	12.3	12.9
82.5°	10.3	11.6	13.0	14.4	15.6	16.7	17.9	19.1	20.3	21.4	22.6
80°	15.1	17.0	19.1	21.2	22.9	24.6	26.3	27.9	29.6	31.4	33.2
77.5°	20.7	23.4	25.9	28.2	30.5	33.0	35.4	37.7	40.1	42.4	44.7
75°	26.7	29.8	33.0	36.1	39.2	42.1	45.0	48.0	51.0	54.0	56.8
72.5°	32.9	36.8	40.5	44.2	48.0	51.7	55.3	58.8	62.4	66.0	69.5
70°	39.3	43.7	48.4	52.9	57.2	61.5	65.9	70.1	74.3	78.5	82.6
67.5°	45.8	51.3	56.6	61.6	66.7	71.8	76.7	81.7	86.6	91.5	96.2
65°	52.9	59.0	64.7	70.5	76.2	82.2	88.0	93.6	99.3	104.8	109.7
62.5°	59.9	66.4	72.7	79.2	86.0	92.8	99.1	105.6	112.2	117.9	122.9
60°	66.3	73.5	80.6	88.0	95.5	102.8	109.9	117.0	124.0	130.6	134.7
57.5°	72.6	80.5	88.3	96.3	104.3	112.3	119.9	127.6	134.2	139.7	144.5
55°	78.6	87.2	95.6	103.9	112.6	121.0	129.2	136.5	142.9	147.6	152.1
52.5°	84.5	93.5	102.2	111.3	120.4	129.4	137.9	144.7	150.0	154.7	159.0
50°	90.2	99.4	108.6	118.4	128.0	137.5	145.5	151.5	156.9	161.5	165.9
47.5°	95.6	105.2	114.9	125.2	135.4	144.6	152.0	158.2	163.7	168.6	173.9
45°	100.7	110.9	121.2	131.9	142.2	151.1	158.2	164.9	170.0	175.7	181.7
42.5°	105.7	116.4	127.2	138.2	148.7	157.0	164.1	170.2	176.2	182.9	190.2
40°	110.5	121.6	132.9	144.4	154.8	162.1	169.1	175.6	182.9	190.8	199.3
37.5°	114.9	126.5	138.2	150.1	159.3	166.8	173.9	181.2	189.7	198.9	210.4
35°	119.1	131.0	143.2	154.6	163.3	171.3	178.6	186.8	196.7	208.7	223.4
32.5°	123.0	135.2	147.7	158.2	167.0	175.3	182.8	193.0	204.9	219.2	240.1
30°	126.5	139.1	151.6	161.8	170.3	178.7	187.9	199.3	213.3	234.1	260.8
27.5°	129.8	142.6	154.7	164.7	173.3	181.9	192.7	206.5	224.9	249.8	282.9
25°	132.8	145.9	157.6	167.2	176.1	185.6	197.3	212.9	237.0	269.2	314.0
22.5°	135.6	148.9	160.4	169.3	178.7	189.0	202.7	222.1	250.0	287.5	345.3
20°	138.0	151.2	162.5	171.4	181.1	191.8	207.4	230.9	264.5	313.1	386.8
17.5°	140.2	153.2	164.1	173.3	183.4	195.0	212.1	238.4	277.4	335.3	428.8
15°	142.0	154.9	165.4	175.0	185.4	198.6	218.5	248.4	292.4	358.5	465.5
12.5°	143.5	156.3	166.5	176.3	187.1	201.7	224.0	257.8	307.9	387.0	519.4
10°	144.7	157.4	167.3	177.4	188.4	204.1	228.5	265.4	320.7	411.7	565.4
7.5°	145.8	158.3	167.9	178.1	189.3	205.9	231.9	271.3	330.6	431.1	601.8
5°	146.6	158.7	168.2	178.6	190.1	207.1	234.3	275.4	337.4	445.0	627.4
2.5°	147.1	158.9	168.3	178.7	190.7	207.6	235.4	277.7	342.8	451.5	641.2
0°	147.3	158.7	168.1	178.5	190.9	207.5	235.5	278.1	345.5	451.3	643.3
-2.5°	147.1	158.9	168.3	178.7	190.7	207.6	235.4	277.7	342.8	451.5	641.2
-5°	146.6	158.7	168.2	178.6	190.1	207.1	234.3	275.4	337.4	445.0	627.4
-7.5°	145.8	158.3	167.9	178.1	189.3	205.9	231.9	271.3	330.6	431.1	601.8
-10°	144.7	157.4	167.3	177.4	188.4	204.1	228.5	265.4	320.7	411.7	565.4
-12.5°	143.5	156.3	166.5	176.3	187.1	201.7	224.0	257.8	307.9	387.0	519.4
-15°	142.0	154.9	165.4	175.0	185.4	198.6	218.5	248.4	292.4	358.5	465.5
-17.5°	140.2	153.2	164.1	173.3	183.4	195.0	212.1	238.4	277.4	335.3	428.8
-20°	138.0	151.2	162.5	171.4	181.1	191.8	207.4	230.9	264.5	313.1	386.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	135.6	148.9	160.4	169.3	178.7	189.0	202.7	222.1	250.0	287.5	345.3
-25°	132.8	145.9	157.6	167.2	176.1	185.6	197.3	212.9	237.0	269.2	314.0
-27.5°	129.8	142.6	154.7	164.7	173.3	181.9	192.7	206.5	224.9	249.8	282.9
-30°	126.5	139.1	151.6	161.8	170.3	178.7	187.9	199.3	213.3	234.1	260.8
-32.5°	123.0	135.2	147.7	158.2	167.0	175.3	182.8	193.0	204.9	219.2	240.1
-35°	119.1	131.0	143.2	154.6	163.3	171.3	178.6	186.8	196.7	208.7	223.4
-37.5°	114.9	126.5	138.2	150.1	159.3	166.8	173.9	181.2	189.7	198.9	210.4
-40°	110.5	121.6	132.9	144.4	154.8	162.1	169.1	175.6	182.9	190.8	199.3
-42.5°	105.7	116.4	127.2	138.2	148.7	157.0	164.1	170.2	176.2	182.9	190.2
-45°	100.7	110.9	121.2	131.9	142.2	151.1	158.2	164.9	170.0	175.7	181.7
-47.5°	95.6	105.2	114.9	125.2	135.4	144.6	152.0	158.2	163.7	168.6	173.9
-50°	90.2	99.4	108.6	118.4	128.0	137.5	145.5	151.5	156.9	161.5	165.9
-52.5°	84.5	93.5	102.2	111.3	120.4	129.4	137.9	144.7	150.0	154.7	159.0
-55°	78.6	87.2	95.6	103.9	112.6	121.0	129.2	136.5	142.9	147.6	152.1
-57.5°	72.6	80.5	88.3	96.3	104.3	112.3	119.9	127.6	134.2	139.7	144.5
-60°	66.3	73.5	80.6	88.0	95.5	102.8	109.9	117.0	124.0	130.6	134.7
-62.5°	59.9	66.4	72.7	79.2	86.0	92.8	99.1	105.6	112.2	117.9	122.9
-65°	52.9	59.0	64.7	70.5	76.2	82.2	88.0	93.6	99.3	104.8	109.7
-67.5°	45.8	51.3	56.6	61.6	66.7	71.8	76.7	81.7	86.6	91.5	96.2
-70°	39.3	43.7	48.4	52.9	57.2	61.5	65.9	70.1	74.3	78.5	82.6
-72.5°	32.9	36.8	40.5	44.2	48.0	51.7	55.3	58.8	62.4	66.0	69.5
-75°	26.7	29.8	33.0	36.1	39.2	42.1	45.0	48.0	51.0	54.0	56.8
-77.5°	20.7	23.4	25.9	28.2	30.5	33.0	35.4	37.7	40.1	42.4	44.7
-80°	15.1	17.0	19.1	21.2	22.9	24.6	26.3	27.9	29.6	31.4	33.2
-82.5°	10.3	11.6	13.0	14.4	15.6	16.7	17.9	19.1	20.3	21.4	22.6
-85°	5.7	6.2	7.0	7.9	8.7	9.4	10.2	10.9	11.6	12.3	12.9
-87.5°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	5.1	5.0	4.9	4.8	4.7	5.0	5.4	5.7	6.0	5.8	5.6
85°	13.5	13.8	14.0	14.3	14.5	15.1	15.7	16.3	16.8	16.8	16.8
82.5°	23.7	24.5	25.2	25.8	26.3	27.1	27.7	28.3	28.8	29.2	29.5
80°	35.0	36.3	37.3	38.3	39.2	40.1	41.1	41.9	42.6	43.0	43.3
77.5°	46.9	48.7	50.4	51.9	53.3	54.8	56.1	57.3	58.3	58.6	58.5
75°	59.5	61.9	64.2	66.3	68.3	70.0	71.4	72.6	73.6	74.1	74.3
72.5°	72.8	75.8	78.4	80.9	83.0	84.7	86.2	87.5	88.6	89.3	89.7
70°	86.6	90.2	92.9	95.2	97.0	98.7	100.6	102.4	104.2	105.1	105.5
67.5°	100.5	104.2	106.7	108.8	110.4	112.1	114.5	116.7	118.7	120.0	120.8
65°	114.1	118.0	120.5	122.5	123.9	125.6	128.4	130.6	132.2	133.6	134.7
62.5°	127.5	131.4	134.2	136.6	138.7	140.6	142.8	144.7	146.1	147.4	148.9
60°	139.1	143.7	146.7	149.1	151.8	154.7	156.4	157.7	158.9	159.9	160.9
57.5°	148.6	152.7	156.5	159.4	162.2	164.9	166.9	168.1	169.2	170.0	170.3
55°	156.5	160.8	165.0	168.2	170.9	173.4	175.6	177.3	178.7	179.7	180.0
52.5°	163.7	168.4	172.6	176.2	179.9	182.8	185.2	187.5	189.5	191.1	191.7
50°	171.4	176.4	181.6	186.5	190.3	193.8	196.6	199.8	203.2	206.0	207.7
47.5°	179.5	185.3	191.6	197.6	202.2	207.2	211.9	216.7	223.0	228.3	232.2
45°	188.1	195.5	202.7	210.2	216.6	226.1	235.0	242.5	252.6	261.8	269.1
42.5°	198.1	207.3	216.2	228.3	241.0	254.0	268.0	280.0	295.8	311.9	324.8
40°	210.0	221.8	237.4	253.6	273.6	291.5	315.8	337.4	361.6	392.3	417.6
37.5°	224.4	242.6	264.2	286.8	318.0	347.7	387.9	430.2	468.6	527.5	577.1
35°	243.0	268.4	296.9	337.0	381.1	436.9	499.5	581.2	651.3	750.7	845.6
32.5°	267.1	299.7	346.2	408.0	473.2	574.6	673.9	815.8	947.2	1104.7	1274.7
30°	293.8	343.5	414.5	499.3	621.0	770.0	945.2	1163.1	1401.5	1622.9	1841.1
27.5°	332.5	403.8	497.0	633.9	823.5	1032.1	1338.9	1634.7	1943.3	2217.5	2446.3
25°	377.7	472.0	616.1	817.6	1074.1	1431.2	1798.6	2163.6	2495.4	2782.6	3035.3
22.5°	436.2	571.6	763.7	1024.8	1424.1	1852.2	2283.0	2685.6	3039.6	3359.4	3632.9
20°	499.7	669.2	943.5	1332.9	1789.5	2277.3	2763.6	3192.5	3582.3	3944.8	4253.2
17.5°	580.2	817.5	1165.0	1632.1	2160.0	2694.4	3205.3	3670.8	4112.9	4496.6	4818.8
15°	648.8	948.2	1401.7	1949.5	2520.5	3084.2	3623.7	4129.2	4588.9	4982.6	5285.5
12.5°	740.3	1094.7	1611.9	2222.3	2841.2	3434.3	4002.5	4525.0	4992.8	5382.1	5617.9
10°	826.8	1246.3	1815.0	2451.6	3094.5	3726.4	4333.2	4869.0	5303.4	5613.1	5814.1
7.5°	900.4	1376.6	1980.2	2637.0	3295.8	3956.5	4570.7	5092.0	5492.6	5751.2	5891.1
5°	955.3	1474.1	2102.9	2787.6	3463.7	4136.0	4745.3	5234.7	5580.9	5773.1	5843.3
2.5°	990.3	1531.3	2174.1	2886.4	3576.0	4249.5	4865.0	5346.9	5640.6	5767.9	5780.0
0°	1004.3	1538.6	2185.0	2938.2	3604.3	4281.8	4899.1	5393.0	5662.7	5767.5	5765.4
-2.5°	990.3	1531.3	2174.1	2886.4	3576.0	4249.5	4865.0	5346.9	5640.6	5767.9	5780.0
-5°	955.3	1474.1	2102.9	2787.6	3463.7	4136.0	4745.3	5234.7	5580.9	5773.1	5843.3
-7.5°	900.4	1376.6	1980.2	2637.0	3295.8	3956.5	4570.7	5092.0	5492.6	5751.2	5891.1
-10°	826.8	1246.3	1815.0	2451.6	3094.5	3726.4	4333.2	4869.0	5303.4	5613.1	5814.1
-12.5°	740.3	1094.7	1611.9	2222.3	2841.2	3434.3	4002.5	4525.0	4992.8	5382.1	5617.9
-15°	648.8	948.2	1401.7	1949.5	2520.5	3084.2	3623.7	4129.2	4588.9	4982.6	5285.5
-17.5°	580.2	817.5	1165.0	1632.1	2160.0	2694.4	3205.3	3670.8	4112.9	4496.6	4818.8
-20°	499.7	669.2	943.5	1332.9	1789.5	2277.3	2763.6	3192.5	3582.3	3944.8	4253.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	436.2	571.6	763.7	1024.8	1424.1	1852.2	2283.0	2685.6	3039.6	3359.4	3632.9
-25°	377.7	472.0	616.1	817.6	1074.1	1431.2	1798.6	2163.6	2495.4	2782.6	3035.3
-27.5°	332.5	403.8	497.0	633.9	823.5	1032.1	1338.9	1634.7	1943.3	2217.5	2446.3
-30°	293.8	343.5	414.5	499.3	621.0	770.0	945.2	1163.1	1401.5	1622.9	1841.1
-32.5°	267.1	299.7	346.2	408.0	473.2	574.6	673.9	815.8	947.2	1104.7	1274.7
-35°	243.0	268.4	296.9	337.0	381.1	436.9	499.5	581.2	651.3	750.7	845.6
-37.5°	224.4	242.6	264.2	286.8	318.0	347.7	387.9	430.2	468.6	527.5	577.1
-40°	210.0	221.8	237.4	253.6	273.6	291.5	315.8	337.4	361.6	392.3	417.6
-42.5°	198.1	207.3	216.2	228.3	241.0	254.0	268.0	280.0	295.8	311.9	324.8
-45°	188.1	195.5	202.7	210.2	216.6	226.1	235.0	242.5	252.6	261.8	269.1
-47.5°	179.5	185.3	191.6	197.6	202.2	207.2	211.9	216.7	223.0	228.3	232.2
-50°	171.4	176.4	181.6	186.5	190.3	193.8	196.6	199.8	203.2	206.0	207.7
-52.5°	163.7	168.4	172.6	176.2	179.9	182.8	185.2	187.5	189.5	191.1	191.7
-55°	156.5	160.8	165.0	168.2	170.9	173.4	175.6	177.3	178.7	179.7	180.0
-57.5°	148.6	152.7	156.5	159.4	162.2	164.9	166.9	168.1	169.2	170.0	170.3
-60°	139.1	143.7	146.7	149.1	151.8	154.7	156.4	157.7	158.9	159.9	160.9
-62.5°	127.5	131.4	134.2	136.6	138.7	140.6	142.8	144.7	146.1	147.4	148.9
-65°	114.1	118.0	120.5	122.5	123.9	125.6	128.4	130.6	132.2	133.6	134.7
-67.5°	100.5	104.2	106.7	108.8	110.4	112.1	114.5	116.7	118.7	120.0	120.8
-70°	86.6	90.2	92.9	95.2	97.0	98.7	100.6	102.4	104.2	105.1	105.5
-72.5°	72.8	75.8	78.4	80.9	83.0	84.7	86.2	87.5	88.6	89.3	89.7
-75°	59.5	61.9	64.2	66.3	68.3	70.0	71.4	72.6	73.6	74.1	74.3
-77.5°	46.9	48.7	50.4	51.9	53.3	54.8	56.1	57.3	58.3	58.6	58.5
-80°	35.0	36.3	37.3	38.3	39.2	40.1	41.1	41.9	42.6	43.0	43.3
-82.5°	23.7	24.5	25.2	25.8	26.3	27.1	27.7	28.3	28.8	29.2	29.5
-85°	13.5	13.8	14.0	14.3	14.5	15.1	15.7	16.3	16.8	16.8	16.8
-87.5°	5.1	5.0	4.9	4.8	4.7	5.0	5.4	5.7	6.0	5.8	5.6
-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: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	5.4	5.2	5.2	5.2	5.2	5.2	5.4	5.6	5.8	6.0	5.7
85°	16.7	16.5	16.1	15.6	16.1	16.5	16.7	16.8	16.8	16.8	16.3
82.5°	29.8	29.9	29.6	29.1	29.6	29.9	29.8	29.5	29.2	28.8	28.3
80°	43.4	43.4	43.0	42.5	43.0	43.4	43.4	43.3	43.0	42.6	41.9
77.5°	58.3	57.9	58.0	58.1	58.0	57.9	58.3	58.5	58.6	58.3	57.3
75°	74.4	74.3	74.1	73.7	74.1	74.3	74.4	74.3	74.1	73.6	72.6
72.5°	89.9	89.9	89.7	89.2	89.7	89.9	89.9	89.7	89.3	88.6	87.5
70°	105.6	105.4	105.7	105.8	105.7	105.4	105.6	105.5	105.1	104.2	102.4
67.5°	121.4	121.8	121.8	121.4	121.8	121.8	121.4	120.8	120.0	118.7	116.7
65°	135.7	136.4	136.8	137.0	136.8	136.4	135.7	134.7	133.6	132.2	130.6
62.5°	150.0	150.8	150.9	150.4	150.9	150.8	150.0	148.9	147.4	146.1	144.7
60°	161.4	161.5	161.3	160.8	161.3	161.5	161.4	160.9	159.9	158.9	157.7
57.5°	170.3	170.0	169.6	169.1	169.6	170.0	170.3	170.3	170.0	169.2	168.1
55°	179.9	179.4	179.0	178.5	179.0	179.4	179.9	180.0	179.7	178.7	177.3
52.5°	191.9	191.6	191.3	190.9	191.3	191.6	191.9	191.7	191.1	189.5	187.5
50°	208.7	208.9	208.9	208.5	208.9	208.9	208.7	207.7	206.0	203.2	199.8
47.5°	234.7	236.1	237.0	237.6	237.0	236.1	234.7	232.2	228.3	223.0	216.7
45°	273.8	276.5	278.5	280.1	278.5	276.5	273.8	269.1	261.8	252.6	242.5
42.5°	334.0	340.2	343.1	342.4	343.1	340.2	334.0	324.8	311.9	295.8	280.0
40°	434.5	444.5	450.0	454.4	450.0	444.5	434.5	417.6	392.3	361.6	337.4
37.5°	610.9	630.3	640.6	649.5	640.6	630.3	610.9	577.1	527.5	468.6	430.2
35°	916.6	960.3	983.7	991.9	983.7	960.3	916.6	845.6	750.7	651.3	581.2
32.5°	1406.9	1487.6	1532.1	1566.6	1532.1	1487.6	1406.9	1274.7	1104.7	947.2	815.8
30°	2013.8	2120.0	2179.0	2207.8	2179.0	2120.0	2013.8	1841.1	1622.9	1401.5	1163.1
27.5°	2635.9	2756.7	2820.3	2816.8	2820.3	2756.7	2635.9	2446.3	2217.5	1943.3	1634.7
25°	3252.0	3391.9	3455.2	3512.0	3455.2	3391.9	3252.0	3035.3	2782.6	2495.4	2163.6
22.5°	3875.1	4038.6	4127.9	4169.8	4127.9	4038.6	3875.1	3632.9	3359.4	3039.6	2685.6
20°	4490.8	4672.8	4767.6	4808.9	4767.6	4672.8	4490.8	4253.2	3944.8	3582.3	3192.5
17.5°	5036.9	5214.6	5304.9	5343.2	5304.9	5214.6	5036.9	4818.8	4496.6	4112.9	3670.8
15°	5472.9	5604.0	5680.8	5701.1	5680.8	5604.0	5472.9	5285.5	4982.6	4588.9	4129.2
12.5°	5774.3	5825.1	5862.0	5873.3	5862.0	5825.1	5774.3	5617.9	5382.1	4992.8	4525.0
10°	5928.4	5905.5	5896.0	5897.2	5896.0	5905.5	5928.4	5814.1	5613.1	5303.4	4869.0
7.5°	5917.8	5883.9	5815.7	5804.9	5815.7	5883.9	5917.8	5891.1	5751.2	5492.6	5092.0
5°	5832.8	5771.0	5657.9	5625.4	5657.9	5771.0	5832.8	5843.3	5773.1	5580.9	5234.7
2.5°	5733.7	5622.3	5518.1	5451.1	5518.1	5622.3	5733.7	5780.0	5767.9	5640.6	5346.9
0°	5704.2	5575.6	5440.7	5397.1	5440.7	5575.6	5704.2	5765.4	5767.5	5662.7	5393.0
-2.5°	5733.7	5622.3	5518.1	5451.1	5518.1	5622.3	5733.7	5780.0	5767.9	5640.6	5346.9
-5°	5832.8	5771.0	5657.9	5625.4	5657.9	5771.0	5832.8	5843.3	5773.1	5580.9	5234.7
-7.5°	5917.8	5883.9	5815.7	5804.9	5815.7	5883.9	5917.8	5891.1	5751.2	5492.6	5092.0
-10°	5928.4	5905.5	5896.0	5897.2	5896.0	5905.5	5928.4	5814.1	5613.1	5303.4	4869.0
-12.5°	5774.3	5825.1	5862.0	5873.3	5862.0	5825.1	5774.3	5617.9	5382.1	4992.8	4525.0
-15°	5472.9	5604.0	5680.8	5701.1	5680.8	5604.0	5472.9	5285.5	4982.6	4588.9	4129.2
-17.5°	5036.9	5214.6	5304.9	5343.2	5304.9	5214.6	5036.9	4818.8	4496.6	4112.9	3670.8
-20°	4490.8	4672.8	4767.6	4808.9	4767.6	4672.8	4490.8	4253.2	3944.8	3582.3	3192.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	3875.1	4038.6	4127.9	4169.8	4127.9	4038.6	3875.1	3632.9	3359.4	3039.6	2685.6
-25°	3252.0	3391.9	3455.2	3512.0	3455.2	3391.9	3252.0	3035.3	2782.6	2495.4	2163.6
-27.5°	2635.9	2756.7	2820.3	2816.8	2820.3	2756.7	2635.9	2446.3	2217.5	1943.3	1634.7
-30°	2013.8	2120.0	2179.0	2207.8	2179.0	2120.0	2013.8	1841.1	1622.9	1401.5	1163.1
-32.5°	1406.9	1487.6	1532.1	1566.6	1532.1	1487.6	1406.9	1274.7	1104.7	947.2	815.8
-35°	916.6	960.3	983.7	991.9	983.7	960.3	916.6	845.6	750.7	651.3	581.2
-37.5°	610.9	630.3	640.6	649.5	640.6	630.3	610.9	577.1	527.5	468.6	430.2
-40°	434.5	444.5	450.0	454.4	450.0	444.5	434.5	417.6	392.3	361.6	337.4
-42.5°	334.0	340.2	343.1	342.4	343.1	340.2	334.0	324.8	311.9	295.8	280.0
-45°	273.8	276.5	278.5	280.1	278.5	276.5	273.8	269.1	261.8	252.6	242.5
-47.5°	234.7	236.1	237.0	237.6	237.0	236.1	234.7	232.2	228.3	223.0	216.7
-50°	208.7	208.9	208.9	208.5	208.9	208.9	208.7	207.7	206.0	203.2	199.8
-52.5°	191.9	191.6	191.3	190.9	191.3	191.6	191.9	191.7	191.1	189.5	187.5
-55°	179.9	179.4	179.0	178.5	179.0	179.4	179.9	180.0	179.7	178.7	177.3
-57.5°	170.3	170.0	169.6	169.1	169.6	170.0	170.3	170.3	170.0	169.2	168.1
-60°	161.4	161.5	161.3	160.8	161.3	161.5	161.4	160.9	159.9	158.9	157.7
-62.5°	150.0	150.8	150.9	150.4	150.9	150.8	150.0	148.9	147.4	146.1	144.7
-65°	135.7	136.4	136.8	137.0	136.8	136.4	135.7	134.7	133.6	132.2	130.6
-67.5°	121.4	121.8	121.8	121.4	121.8	121.8	121.4	120.8	120.0	118.7	116.7
-70°	105.6	105.4	105.7	105.8	105.7	105.4	105.6	105.5	105.1	104.2	102.4
-72.5°	89.9	89.9	89.7	89.2	89.7	89.9	89.9	89.7	89.3	88.6	87.5
-75°	74.4	74.3	74.1	73.7	74.1	74.3	74.4	74.3	74.1	73.6	72.6
-77.5°	58.3	57.9	58.0	58.1	58.0	57.9	58.3	58.5	58.6	58.3	57.3
-80°	43.4	43.4	43.0	42.5	43.0	43.4	43.4	43.3	43.0	42.6	41.9
-82.5°	29.8	29.9	29.6	29.1	29.6	29.9	29.8	29.5	29.2	28.8	28.3
-85°	16.7	16.5	16.1	15.6	16.1	16.5	16.7	16.8	16.8	16.8	16.3
-87.5°	5.4	5.2	5.2	5.2	5.2	5.2	5.4	5.6	5.8	6.0	5.7
-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: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	5.4	5.0	4.7	4.8	4.9	5.0	5.1	4.9	4.7	4.6	4.4
85°	15.7	15.1	14.5	14.3	14.0	13.8	13.5	12.9	12.3	11.6	10.9
82.5°	27.7	27.1	26.3	25.8	25.2	24.5	23.7	22.6	21.4	20.3	19.1
80°	41.1	40.1	39.2	38.3	37.3	36.3	35.0	33.2	31.4	29.6	27.9
77.5°	56.1	54.8	53.3	51.9	50.4	48.7	46.9	44.7	42.4	40.1	37.7
75°	71.4	70.0	68.3	66.3	64.2	61.9	59.5	56.8	54.0	51.0	48.0
72.5°	86.2	84.7	83.0	80.9	78.4	75.8	72.8	69.5	66.0	62.4	58.8
70°	100.6	98.7	97.0	95.2	92.9	90.2	86.6	82.6	78.5	74.3	70.1
67.5°	114.5	112.1	110.4	108.8	106.7	104.2	100.5	96.2	91.5	86.6	81.7
65°	128.4	125.6	123.9	122.5	120.5	118.0	114.1	109.7	104.8	99.3	93.6
62.5°	142.8	140.6	138.7	136.6	134.2	131.4	127.5	122.9	117.9	112.2	105.6
60°	156.4	154.7	151.8	149.1	146.7	143.7	139.1	134.7	130.6	124.0	117.0
57.5°	166.9	164.9	162.2	159.4	156.5	152.7	148.6	144.5	139.7	134.2	127.6
55°	175.6	173.4	170.9	168.2	165.0	160.8	156.5	152.1	147.6	142.9	136.5
52.5°	185.2	182.8	179.9	176.2	172.6	168.4	163.7	159.0	154.7	150.0	144.7
50°	196.6	193.8	190.3	186.5	181.6	176.4	171.4	165.9	161.5	156.9	151.5
47.5°	211.9	207.2	202.2	197.6	191.6	185.3	179.5	173.9	168.6	163.7	158.2
45°	235.0	226.1	216.6	210.2	202.7	195.5	188.1	181.7	175.7	170.0	164.9
42.5°	268.0	254.0	241.0	228.3	216.2	207.3	198.1	190.2	182.9	176.2	170.2
40°	315.8	291.5	273.6	253.6	237.4	221.8	210.0	199.3	190.8	182.9	175.6
37.5°	387.9	347.7	318.0	286.8	264.2	242.6	224.4	210.4	198.9	189.7	181.2
35°	499.5	436.9	381.1	337.0	296.9	268.4	243.0	223.4	208.7	196.7	186.8
32.5°	673.9	574.6	473.2	408.0	346.2	299.7	267.1	240.1	219.2	204.9	193.0
30°	945.2	770.0	621.0	499.3	414.5	343.5	293.8	260.8	234.1	213.3	199.3
27.5°	1338.9	1032.1	823.5	633.9	497.0	403.8	332.5	282.9	249.8	224.9	206.5
25°	1798.6	1431.2	1074.1	817.6	616.1	472.0	377.7	314.0	269.2	237.0	212.9
22.5°	2283.0	1852.2	1424.1	1024.8	763.7	571.6	436.2	345.3	287.5	250.0	222.1
20°	2763.6	2277.3	1789.5	1332.9	943.5	669.2	499.7	386.8	313.1	264.5	230.9
17.5°	3205.3	2694.4	2160.0	1632.1	1165.0	817.5	580.2	428.8	335.3	277.4	238.4
15°	3623.7	3084.2	2520.5	1949.5	1401.7	948.2	648.8	465.5	358.5	292.4	248.4
12.5°	4002.5	3434.3	2841.2	2222.3	1611.9	1094.7	740.3	519.4	387.0	307.9	257.8
10°	4333.2	3726.4	3094.5	2451.6	1815.0	1246.3	826.8	565.4	411.7	320.7	265.4
7.5°	4570.7	3956.5	3295.8	2637.0	1980.2	1376.6	900.4	601.8	431.1	330.6	271.3
5°	4745.3	4136.0	3463.7	2787.6	2102.9	1474.1	955.3	627.4	445.0	337.4	275.4
2.5°	4865.0	4249.5	3576.0	2886.4	2174.1	1531.3	990.3	641.2	451.5	342.8	277.7
0°	4899.1	4281.8	3604.3	2938.2	2185.0	1538.6	1004.3	643.3	451.3	345.5	278.1
-2.5°	4865.0	4249.5	3576.0	2886.4	2174.1	1531.3	990.3	641.2	451.5	342.8	277.7
-5°	4745.3	4136.0	3463.7	2787.6	2102.9	1474.1	955.3	627.4	445.0	337.4	275.4
-7.5°	4570.7	3956.5	3295.8	2637.0	1980.2	1376.6	900.4	601.8	431.1	330.6	271.3
-10°	4333.2	3726.4	3094.5	2451.6	1815.0	1246.3	826.8	565.4	411.7	320.7	265.4
-12.5°	4002.5	3434.3	2841.2	2222.3	1611.9	1094.7	740.3	519.4	387.0	307.9	257.8
-15°	3623.7	3084.2	2520.5	1949.5	1401.7	948.2	648.8	465.5	358.5	292.4	248.4
-17.5°	3205.3	2694.4	2160.0	1632.1	1165.0	817.5	580.2	428.8	335.3	277.4	238.4
-20°	2763.6	2277.3	1789.5	1332.9	943.5	669.2	499.7	386.8	313.1	264.5	230.9



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	2283.0	1852.2	1424.1	1024.8	763.7	571.6	436.2	345.3	287.5	250.0	222.1
-25°	1798.6	1431.2	1074.1	817.6	616.1	472.0	377.7	314.0	269.2	237.0	212.9
-27.5°	1338.9	1032.1	823.5	633.9	497.0	403.8	332.5	282.9	249.8	224.9	206.5
-30°	945.2	770.0	621.0	499.3	414.5	343.5	293.8	260.8	234.1	213.3	199.3
-32.5°	673.9	574.6	473.2	408.0	346.2	299.7	267.1	240.1	219.2	204.9	193.0
-35°	499.5	436.9	381.1	337.0	296.9	268.4	243.0	223.4	208.7	196.7	186.8
-37.5°	387.9	347.7	318.0	286.8	264.2	242.6	224.4	210.4	198.9	189.7	181.2
-40°	315.8	291.5	273.6	253.6	237.4	221.8	210.0	199.3	190.8	182.9	175.6
-42.5°	268.0	254.0	241.0	228.3	216.2	207.3	198.1	190.2	182.9	176.2	170.2
-45°	235.0	226.1	216.6	210.2	202.7	195.5	188.1	181.7	175.7	170.0	164.9
-47.5°	211.9	207.2	202.2	197.6	191.6	185.3	179.5	173.9	168.6	163.7	158.2
-50°	196.6	193.8	190.3	186.5	181.6	176.4	171.4	165.9	161.5	156.9	151.5
-52.5°	185.2	182.8	179.9	176.2	172.6	168.4	163.7	159.0	154.7	150.0	144.7
-55°	175.6	173.4	170.9	168.2	165.0	160.8	156.5	152.1	147.6	142.9	136.5
-57.5°	166.9	164.9	162.2	159.4	156.5	152.7	148.6	144.5	139.7	134.2	127.6
-60°	156.4	154.7	151.8	149.1	146.7	143.7	139.1	134.7	130.6	124.0	117.0
-62.5°	142.8	140.6	138.7	136.6	134.2	131.4	127.5	122.9	117.9	112.2	105.6
-65°	128.4	125.6	123.9	122.5	120.5	118.0	114.1	109.7	104.8	99.3	93.6
-67.5°	114.5	112.1	110.4	108.8	106.7	104.2	100.5	96.2	91.5	86.6	81.7
-70°	100.6	98.7	97.0	95.2	92.9	90.2	86.6	82.6	78.5	74.3	70.1
-72.5°	86.2	84.7	83.0	80.9	78.4	75.8	72.8	69.5	66.0	62.4	58.8
-75°	71.4	70.0	68.3	66.3	64.2	61.9	59.5	56.8	54.0	51.0	48.0
-77.5°	56.1	54.8	53.3	51.9	50.4	48.7	46.9	44.7	42.4	40.1	37.7
-80°	41.1	40.1	39.2	38.3	37.3	36.3	35.0	33.2	31.4	29.6	27.9
-82.5°	27.7	27.1	26.3	25.8	25.2	24.5	23.7	22.6	21.4	20.3	19.1
-85°	15.7	15.1	14.5	14.3	14.0	13.8	13.5	12.9	12.3	11.6	10.9
-87.5°	5.4	5.0	4.7	4.8	4.9	5.0	5.1	4.9	4.7	4.6	4.4
-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: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.3	1.9	1.6
85°	10.2	9.4	8.7	7.9	7.0	6.2	5.7	5.2	4.5	3.9	3.3
82.5°	17.9	16.7	15.6	14.4	13.0	11.6	10.3	8.9	7.5	5.9	4.9
80°	26.3	24.6	22.9	21.2	19.1	17.0	15.1	13.3	11.5	9.6	7.6
77.5°	35.4	33.0	30.5	28.2	25.9	23.4	20.7	17.9	15.5	13.3	10.9
75°	45.0	42.1	39.2	36.1	33.0	29.8	26.7	23.5	20.3	17.0	14.2
72.5°	55.3	51.7	48.0	44.2	40.5	36.8	32.9	29.0	25.3	21.5	17.6
70°	65.9	61.5	57.2	52.9	48.4	43.7	39.3	34.8	30.2	25.9	21.5
67.5°	76.7	71.8	66.7	61.6	56.6	51.3	45.8	40.5	35.3	30.2	25.3
65°	88.0	82.2	76.2	70.5	64.7	59.0	52.9	46.3	40.3	34.6	29.0
62.5°	99.1	92.8	86.0	79.2	72.7	66.4	59.9	52.5	45.3	38.9	32.7
60°	109.9	102.8	95.5	88.0	80.6	73.5	66.3	58.6	50.7	43.0	36.3
57.5°	119.9	112.3	104.3	96.3	88.3	80.5	72.6	64.4	55.9	47.5	39.8
55°	129.2	121.0	112.6	103.9	95.6	87.2	78.6	69.9	61.0	52.0	43.2
52.5°	137.9	129.4	120.4	111.3	102.2	93.5	84.5	75.2	65.8	56.3	47.0
50°	145.5	137.5	128.0	118.4	108.6	99.4	90.2	80.4	70.5	60.5	50.6
47.5°	152.0	144.6	135.4	125.2	114.9	105.2	95.6	85.4	75.0	64.5	54.1
45°	158.2	151.1	142.2	131.9	121.2	110.9	100.7	90.3	79.3	68.3	57.5
42.5°	164.1	157.0	148.7	138.2	127.2	116.4	105.7	94.8	83.5	72.0	60.7
40°	169.1	162.1	154.8	144.4	132.9	121.6	110.5	99.2	87.5	75.5	63.7
37.5°	173.9	166.8	159.3	150.1	138.2	126.5	114.9	103.4	91.3	78.9	66.6
35°	178.6	171.3	163.3	154.6	143.2	131.0	119.1	107.3	94.8	82.1	69.2
32.5°	182.8	175.3	167.0	158.2	147.7	135.2	123.0	110.8	98.2	85.2	71.7
30°	187.9	178.7	170.3	161.8	151.6	139.1	126.5	114.0	101.2	88.0	74.0
27.5°	192.7	181.9	173.3	164.7	154.7	142.6	129.8	117.0	104.0	90.7	76.3
25°	197.3	185.6	176.1	167.2	157.6	145.9	132.8	119.7	106.5	92.9	78.5
22.5°	202.7	189.0	178.7	169.3	160.4	148.9	135.6	122.2	108.7	95.0	80.4
20°	207.4	191.8	181.1	171.4	162.5	151.2	138.0	124.4	110.7	96.8	82.2
17.5°	212.1	195.0	183.4	173.3	164.1	153.2	140.2	126.3	112.4	98.4	83.7
15°	218.5	198.6	185.4	175.0	165.4	154.9	142.0	127.9	113.9	99.7	85.1
12.5°	224.0	201.7	187.1	176.3	166.5	156.3	143.5	129.3	115.1	100.9	86.4
10°	228.5	204.1	188.4	177.4	167.3	157.4	144.7	130.4	116.2	102.0	87.4
7.5°	231.9	205.9	189.3	178.1	167.9	158.3	145.8	131.5	117.1	102.8	88.2
5°	234.3	207.1	190.1	178.6	168.2	158.7	146.6	132.2	117.8	103.3	88.7
2.5°	235.4	207.6	190.7	178.7	168.3	158.9	147.1	132.7	118.2	103.7	89.1
0°	235.5	207.5	190.9	178.5	168.1	158.7	147.3	132.8	118.3	103.8	89.2
-2.5°	235.4	207.6	190.7	178.7	168.3	158.9	147.1	132.7	118.2	103.7	89.1
-5°	234.3	207.1	190.1	178.6	168.2	158.7	146.6	132.2	117.8	103.3	88.7
-7.5°	231.9	205.9	189.3	178.1	167.9	158.3	145.8	131.5	117.1	102.8	88.2
-10°	228.5	204.1	188.4	177.4	167.3	157.4	144.7	130.4	116.2	102.0	87.4
-12.5°	224.0	201.7	187.1	176.3	166.5	156.3	143.5	129.3	115.1	100.9	86.4
-15°	218.5	198.6	185.4	175.0	165.4	154.9	142.0	127.9	113.9	99.7	85.1
-17.5°	212.1	195.0	183.4	173.3	164.1	153.2	140.2	126.3	112.4	98.4	83.7
-20°	207.4	191.8	181.1	171.4	162.5	151.2	138.0	124.4	110.7	96.8	82.2

Classified

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Scaled Data Report



REPORT NUMBER: P626657 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	202.7	189.0	178.7	169.3	160.4	148.9	135.6	122.2	108.7	95.0	80.4
-25°	197.3	185.6	176.1	167.2	157.6	145.9	132.8	119.7	106.5	92.9	78.5
-27.5°	192.7	181.9	173.3	164.7	154.7	142.6	129.8	117.0	104.0	90.7	76.3
-30°	187.9	178.7	170.3	161.8	151.6	139.1	126.5	114.0	101.2	88.0	74.0
-32.5°	182.8	175.3	167.0	158.2	147.7	135.2	123.0	110.8	98.2	85.2	71.7
-35°	178.6	171.3	163.3	154.6	143.2	131.0	119.1	107.3	94.8	82.1	69.2
-37.5°	173.9	166.8	159.3	150.1	138.2	126.5	114.9	103.4	91.3	78.9	66.6
-40°	169.1	162.1	154.8	144.4	132.9	121.6	110.5	99.2	87.5	75.5	63.7
-42.5°	164.1	157.0	148.7	138.2	127.2	116.4	105.7	94.8	83.5	72.0	60.7
-45°	158.2	151.1	142.2	131.9	121.2	110.9	100.7	90.3	79.3	68.3	57.5
-47.5°	152.0	144.6	135.4	125.2	114.9	105.2	95.6	85.4	75.0	64.5	54.1
-50°	145.5	137.5	128.0	118.4	108.6	99.4	90.2	80.4	70.5	60.5	50.6
-52.5°	137.9	129.4	120.4	111.3	102.2	93.5	84.5	75.2	65.8	56.3	47.0
-55°	129.2	121.0	112.6	103.9	95.6	87.2	78.6	69.9	61.0	52.0	43.2
-57.5°	119.9	112.3	104.3	96.3	88.3	80.5	72.6	64.4	55.9	47.5	39.8
-60°	109.9	102.8	95.5	88.0	80.6	73.5	66.3	58.6	50.7	43.0	36.3
-62.5°	99.1	92.8	86.0	79.2	72.7	66.4	59.9	52.5	45.3	38.9	32.7
-65°	88.0	82.2	76.2	70.5	64.7	59.0	52.9	46.3	40.3	34.6	29.0
-67.5°	76.7	71.8	66.7	61.6	56.6	51.3	45.8	40.5	35.3	30.2	25.3
-70°	65.9	61.5	57.2	52.9	48.4	43.7	39.3	34.8	30.2	25.9	21.5
-72.5°	55.3	51.7	48.0	44.2	40.5	36.8	32.9	29.0	25.3	21.5	17.6
-75°	45.0	42.1	39.2	36.1	33.0	29.8	26.7	23.5	20.3	17.0	14.2
-77.5°	35.4	33.0	30.5	28.2	25.9	23.4	20.7	17.9	15.5	13.3	10.9
-80°	26.3	24.6	22.9	21.2	19.1	17.0	15.1	13.3	11.5	9.6	7.6
-82.5°	17.9	16.7	15.6	14.4	13.0	11.6	10.3	8.9	7.5	5.9	4.9
-85°	10.2	9.4	8.7	7.9	7.0	6.2	5.7	5.2	4.5	3.9	3.3
-87.5°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.3	1.9	1.6
-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-SA1C-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°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
80°	5.5	4.5	3.6	2.7	1.8	0.9	0.0
77.5°	8.4	6.0	4.5	3.4	2.2	1.1	0.0
75°	11.3	8.4	5.5	4.0	2.7	1.3	0.0
72.5°	14.2	10.8	7.4	4.7	3.1	1.6	0.0
70°	17.0	13.2	9.3	5.5	3.6	1.8	0.0
67.5°	20.3	15.5	11.2	6.9	4.0	2.0	0.0
65°	23.4	17.9	13.0	8.2	4.4	2.2	0.0
62.5°	26.5	20.5	14.8	9.6	4.8	2.4	0.0
60°	29.6	22.9	16.5	10.9	5.2	2.6	0.0
57.5°	32.6	25.4	18.4	12.1	6.0	2.8	0.0
55°	35.5	27.7	20.3	13.4	6.8	3.0	0.0
52.5°	38.4	30.0	22.1	14.6	7.6	3.2	0.0
50°	41.3	32.4	23.8	15.7	8.4	3.3	0.0
47.5°	44.0	34.6	25.5	16.9	9.1	3.5	0.0
45°	46.9	36.8	27.0	18.1	9.8	3.7	0.0
42.5°	49.6	39.0	28.5	19.2	10.4	3.8	0.0
40°	52.2	41.0	30.1	20.3	11.1	4.0	0.0
37.5°	54.6	43.0	31.6	21.2	11.7	4.1	0.0
35°	56.9	44.9	33.1	22.1	12.2	4.3	0.0
32.5°	59.1	46.6	34.5	23.0	12.7	4.4	0.0
30°	61.0	48.3	35.8	23.8	13.2	4.5	0.0
27.5°	62.9	49.8	36.9	24.5	13.6	4.6	0.0
25°	64.5	51.2	38.0	25.2	14.0	4.7	0.0
22.5°	66.0	52.5	38.9	25.8	14.3	4.8	0.0
20°	67.3	53.5	39.7	26.3	14.6	4.9	0.0
17.5°	68.5	54.5	40.5	26.8	14.9	5.0	0.0
15°	69.5	55.2	41.1	27.2	15.1	5.0	0.0
12.5°	70.4	55.9	41.6	27.5	15.3	5.1	0.0
10°	71.2	56.4	42.0	27.7	15.5	5.1	0.0
7.5°	71.8	56.8	42.3	27.9	15.6	5.2	0.0
5°	72.2	57.0	42.5	28.0	15.6	5.2	0.0
2.5°	72.5	57.1	42.5	28.0	15.6	5.2	0.0
0°	72.6	57.1	42.5	28.0	15.6	5.2	0.0
-2.5°	72.5	57.1	42.5	28.0	15.6	5.2	0.0
-5°	72.2	57.0	42.5	28.0	15.6	5.2	0.0
-7.5°	71.8	56.8	42.3	27.9	15.6	5.2	0.0
-10°	71.2	56.4	42.0	27.7	15.5	5.1	0.0
-12.5°	70.4	55.9	41.6	27.5	15.3	5.1	0.0
-15°	69.5	55.2	41.1	27.2	15.1	5.0	0.0
-17.5°	68.5	54.5	40.5	26.8	14.9	5.0	0.0
-20°	67.3	53.5	39.7	26.3	14.6	4.9	0.0

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CATALOG NUMBER: GFLD-SA1C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.0	52.5	38.9	25.8	14.3	4.8	0.0
-25°	64.5	51.2	38.0	25.2	14.0	4.7	0.0
-27.5°	62.9	49.8	36.9	24.5	13.6	4.6	0.0
-30°	61.0	48.3	35.8	23.8	13.2	4.5	0.0
-32.5°	59.1	46.6	34.5	23.0	12.7	4.4	0.0
-35°	56.9	44.9	33.1	22.1	12.2	4.3	0.0
-37.5°	54.6	43.0	31.6	21.2	11.7	4.1	0.0
-40°	52.2	41.0	30.1	20.3	11.1	4.0	0.0
-42.5°	49.6	39.0	28.5	19.2	10.4	3.8	0.0
-45°	46.9	36.8	27.0	18.1	9.8	3.7	0.0
-47.5°	44.0	34.6	25.5	16.9	9.1	3.5	0.0
-50°	41.3	32.4	23.8	15.7	8.4	3.3	0.0
-52.5°	38.4	30.0	22.1	14.6	7.6	3.2	0.0
-55°	35.5	27.7	20.3	13.4	6.8	3.0	0.0
-57.5°	32.6	25.4	18.4	12.1	6.0	2.8	0.0
-60°	29.6	22.9	16.5	10.9	5.2	2.6	0.0
-62.5°	26.5	20.5	14.8	9.6	4.8	2.4	0.0
-65°	23.4	17.9	13.0	8.2	4.4	2.2	0.0
-67.5°	20.3	15.5	11.2	6.9	4.0	2.0	0.0
-70°	17.0	13.2	9.3	5.5	3.6	1.8	0.0
-72.5°	14.2	10.8	7.4	4.7	3.1	1.6	0.0
-75°	11.3	8.4	5.5	4.0	2.7	1.3	0.0
-77.5°	8.4	6.0	4.5	3.4	2.2	1.1	0.0
-80°	5.5	4.5	3.6	2.7	1.8	0.9	0.0
-82.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-85°	2.7	2.2	1.8	1.4	0.9	0.5	0.0
-87.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)