

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: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626677 (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-735-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N22  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

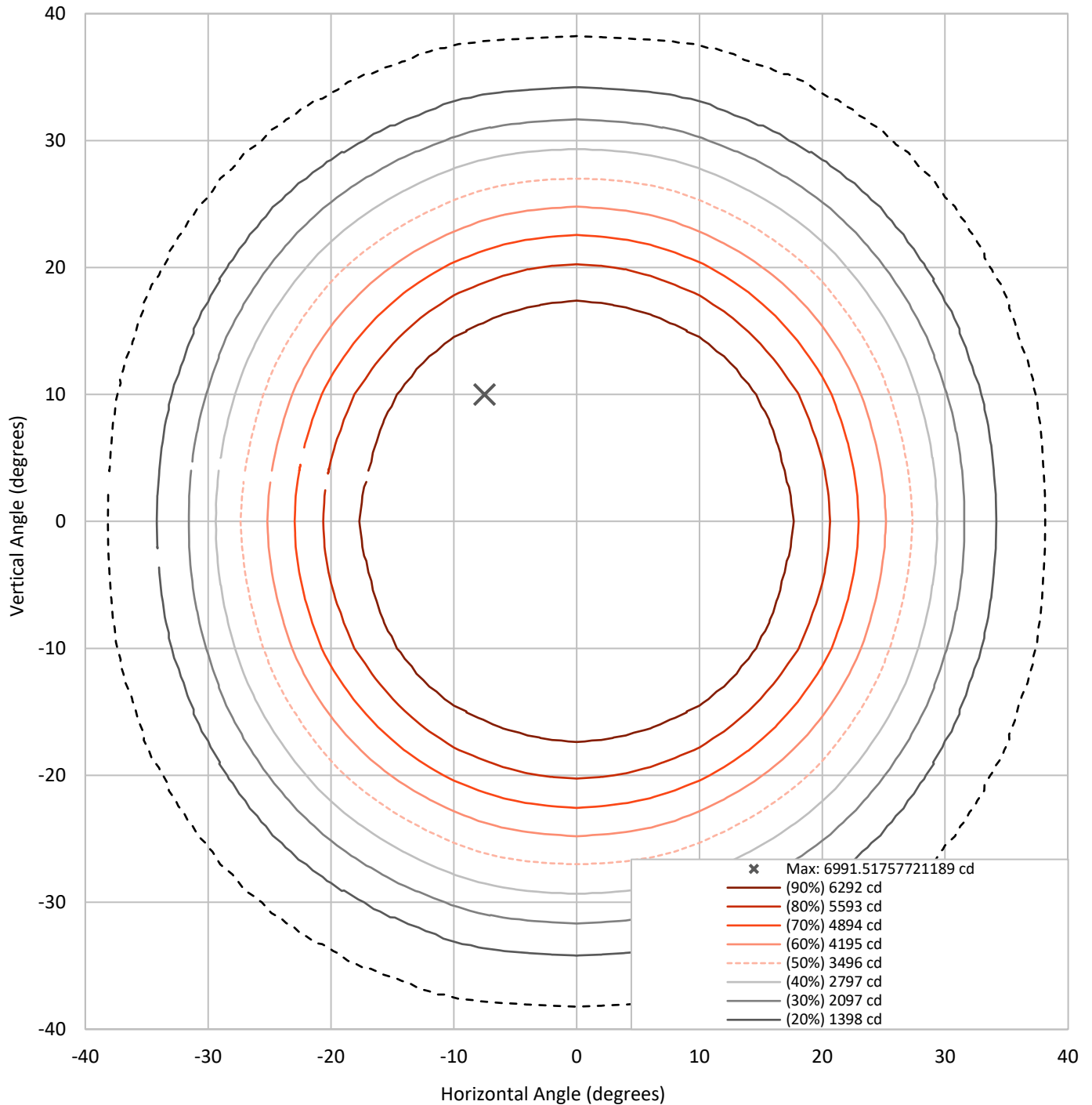
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5950.5 lumens	Max Intensity:	6991.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	136.8 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:	3949.6 lumens	Field Lumens:	5135.6 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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### Iso-Candela Plot





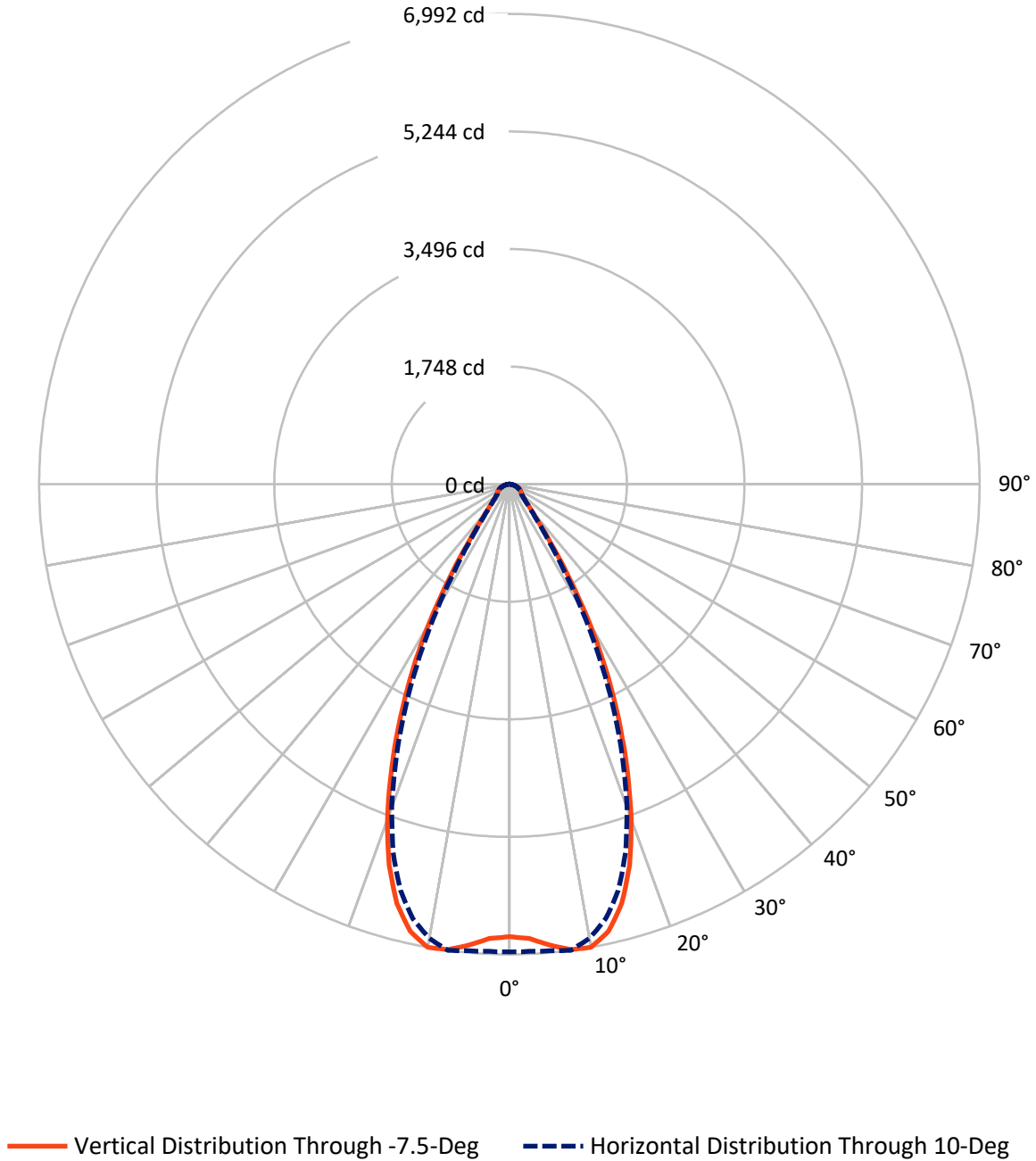
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### Lumen Table

90	0.2	1.4	3.7	5.9	6.6	5.9	3.7	1.4	0.2							
80	0.2	1.4	3.7	5.9	6.6	5.9	3.7	1.4	0.2							
70	0.6	0.7	1.5	2.4	3.3	4.0	4.6	4.8	4.8	4.6	4.0	3.3	2.4	1.5	0.7	0.6
60		1.1	2.1	3.4	4.6	5.6	6.2	6.5	6.5	6.2	5.6	4.6	3.4	2.1	1.1	
50	1.1	1.4	2.7	4.2	5.6	7.3	9.1	10.5	10.5	9.1	7.3	5.6	4.2	2.7	1.4	1.1
40		1.6	3.2	4.8	7.4	13.5	25.9	38.4	38.4	25.9	13.5	7.4	4.8	3.2	1.6	
30	1.4	1.8	3.4	5.6	12.2	38.2	85.7	119.7	119.7	85.7	38.2	12.2	5.6	3.4	1.8	1.4
20		2.0	3.6	6.6	22.0	81.4	155.5	194.6	194.6	155.5	81.4	22.0	6.6	3.6	2.0	
10	1.6	2.0	3.7	7.5	31.7	111.4	188.7	205.3	205.3	188.7	111.4	31.7	7.5	3.7	2.0	1.6
0		2.0	3.7	7.5	31.7	111.4	188.7	205.3	205.3	188.7	111.4	31.7	7.5	3.7	2.0	
-10	1.4	2.0	3.6	6.6	22.0	81.4	155.5	194.6	194.6	155.5	81.4	22.0	6.6	3.6	2.0	1.4
-20		1.8	3.4	5.6	12.2	38.2	85.7	119.7	119.7	85.7	38.2	12.2	5.6	3.4	1.8	
-30	1.1	1.6	3.2	4.8	7.4	13.5	25.9	38.4	38.4	25.9	13.5	7.4	4.8	3.2	1.6	1.1
-40		1.4	2.7	4.2	5.6	7.3	9.1	10.5	10.5	9.1	7.3	5.6	4.2	2.7	1.4	
-50	0.6	1.1	2.1	3.4	4.6	5.6	6.2	6.5	6.5	6.2	5.6	4.6	3.4	2.1	1.1	0.6
-60		0.7	1.5	2.4	3.3	4.0	4.6	4.8	4.8	4.6	4.0	3.3	2.4	1.5	0.7	
-70	0.2	1.4	3.7	5.9	6.6	5.9	3.7	1.4	0.2							
-80		0.2	1.4	3.7	5.9	6.6	5.9	3.7	1.4	0.2						
-90	0.2	1.4	3.7	5.9	6.6	5.9	3.7	1.4	0.2							

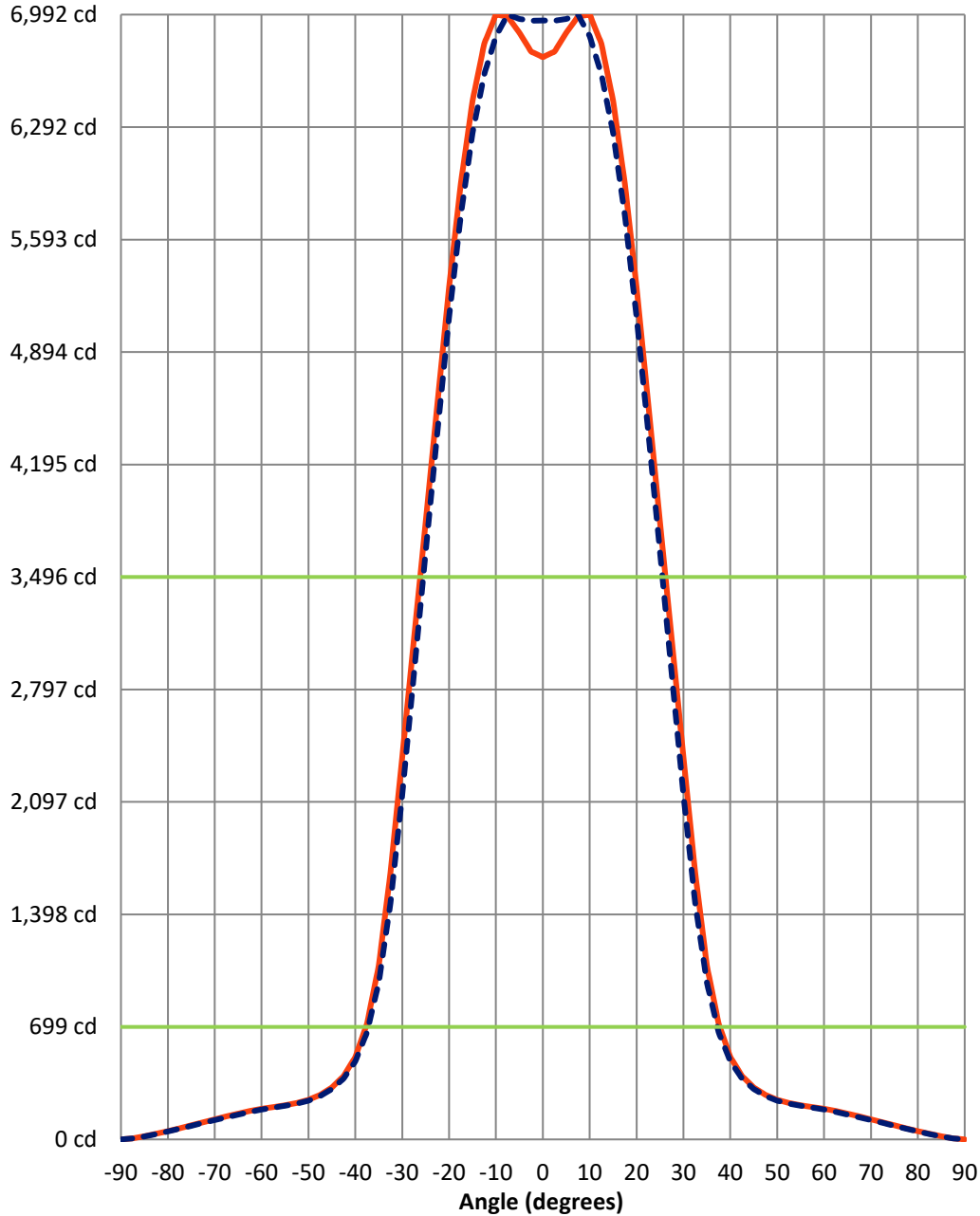
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 3949.6  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 5135.6  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 814.9  
 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	0.5	0.8	1.1	1.3	1.6	1.9	2.3	2.7	3.1
85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.8	4.6	5.3	6.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.7	7.0	8.8	10.5
80°	0.0	1.1	2.1	3.2	4.2	5.3	6.5	9.0	11.3	13.6	15.7
77.5°	0.0	1.3	2.6	4.0	5.3	7.1	9.9	12.9	15.7	18.3	21.2
75°	0.0	1.6	3.2	4.7	6.5	9.9	13.3	16.8	20.1	24.0	27.7
72.5°	0.0	1.8	3.7	5.5	8.8	12.8	16.7	20.8	25.3	29.8	34.2
70°	0.0	2.1	4.2	6.4	11.0	15.5	20.1	25.3	30.5	35.6	41.0
67.5°	0.0	2.3	4.7	8.1	13.2	18.3	23.9	29.8	35.6	41.6	47.7
65°	0.0	2.6	5.2	9.7	15.3	21.1	27.7	34.2	40.8	47.5	54.6
62.5°	0.0	2.8	5.6	11.3	17.4	24.1	31.3	38.6	45.8	53.4	62.0
60°	0.0	3.0	6.1	12.8	19.5	27.1	34.9	42.8	50.7	59.8	69.1
57.5°	0.0	3.3	7.1	14.3	21.7	29.9	38.4	46.9	56.0	66.0	75.9
55°	0.0	3.5	8.0	15.8	23.9	32.7	41.9	51.0	61.3	72.0	82.4
52.5°	0.0	3.7	9.0	17.2	26.0	35.4	45.3	55.4	66.4	77.6	88.7
50°	0.0	3.9	9.9	18.6	28.1	38.1	48.6	59.7	71.3	83.1	94.8
47.5°	0.0	4.1	10.7	19.9	30.0	40.8	51.9	63.8	76.0	88.5	100.8
45°	0.0	4.3	11.5	21.3	31.9	43.4	55.3	67.8	80.6	93.6	106.5
42.5°	0.0	4.5	12.3	22.7	33.7	45.9	58.5	71.6	84.9	98.5	111.8
40°	0.0	4.7	13.0	23.9	35.5	48.3	61.5	75.1	89.0	103.2	117.0
37.5°	0.0	4.8	13.7	25.0	37.3	50.6	64.4	78.5	93.0	107.7	121.9
35°	0.0	5.0	14.4	26.1	39.0	52.9	67.1	81.6	96.8	111.9	126.5
32.5°	0.0	5.1	15.0	27.1	40.6	55.0	69.6	84.6	100.4	115.8	130.6
30°	0.0	5.3	15.5	28.1	42.2	56.9	72.0	87.3	103.8	119.4	134.4
27.5°	0.0	5.4	16.0	28.9	43.5	58.8	74.1	90.0	106.9	122.7	137.9
25°	0.0	5.5	16.5	29.7	44.8	60.4	76.0	92.5	109.6	125.6	141.1
22.5°	0.0	5.6	16.9	30.4	45.9	61.9	77.8	94.8	112.0	128.2	144.0
20°	0.0	5.7	17.3	31.0	46.9	63.1	79.3	96.9	114.2	130.5	146.6
17.5°	0.0	5.8	17.6	31.5	47.7	64.2	80.7	98.7	116.0	132.5	148.9
15°	0.0	5.9	17.8	32.0	48.5	65.1	82.0	100.4	117.6	134.3	150.9
12.5°	0.0	6.0	18.1	32.4	49.1	65.9	83.1	101.8	119.0	135.7	152.5
10°	0.0	6.0	18.2	32.7	49.6	66.5	84.0	103.0	120.2	137.0	153.8
7.5°	0.0	6.0	18.3	32.9	49.9	67.0	84.7	104.0	121.2	138.1	155.0
5°	0.0	6.1	18.4	33.0	50.1	67.2	85.2	104.7	121.9	138.9	155.9
2.5°	0.0	6.1	18.4	33.0	50.2	67.4	85.5	105.1	122.3	139.3	156.4
0°	0.0	6.1	18.4	33.0	50.2	67.3	85.6	105.2	122.4	139.5	156.6
-2.5°	0.0	6.1	18.4	33.0	50.2	67.4	85.5	105.1	122.3	139.3	156.4
-5°	0.0	6.1	18.4	33.0	50.1	67.2	85.2	104.7	121.9	138.9	155.9
-7.5°	0.0	6.0	18.3	32.9	49.9	67.0	84.7	104.0	121.2	138.1	155.0
-10°	0.0	6.0	18.2	32.7	49.6	66.5	84.0	103.0	120.2	137.0	153.8
-12.5°	0.0	6.0	18.1	32.4	49.1	65.9	83.1	101.8	119.0	135.7	152.5
-15°	0.0	5.9	17.8	32.0	48.5	65.1	82.0	100.4	117.6	134.3	150.9
-17.5°	0.0	5.8	17.6	31.5	47.7	64.2	80.7	98.7	116.0	132.5	148.9
-20°	0.0	5.7	17.3	31.0	46.9	63.1	79.3	96.9	114.2	130.5	146.6

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CATALOG NUMBER: GFLD-SA1C-735-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	5.6	16.9	30.4	45.9	61.9	77.8	94.8	112.0	128.2	144.0
-25°	0.0	5.5	16.5	29.7	44.8	60.4	76.0	92.5	109.6	125.6	141.1
-27.5°	0.0	5.4	16.0	28.9	43.5	58.8	74.1	90.0	106.9	122.7	137.9
-30°	0.0	5.3	15.5	28.1	42.2	56.9	72.0	87.3	103.8	119.4	134.4
-32.5°	0.0	5.1	15.0	27.1	40.6	55.0	69.6	84.6	100.4	115.8	130.6
-35°	0.0	5.0	14.4	26.1	39.0	52.9	67.1	81.6	96.8	111.9	126.5
-37.5°	0.0	4.8	13.7	25.0	37.3	50.6	64.4	78.5	93.0	107.7	121.9
-40°	0.0	4.7	13.0	23.9	35.5	48.3	61.5	75.1	89.0	103.2	117.0
-42.5°	0.0	4.5	12.3	22.7	33.7	45.9	58.5	71.6	84.9	98.5	111.8
-45°	0.0	4.3	11.5	21.3	31.9	43.4	55.3	67.8	80.6	93.6	106.5
-47.5°	0.0	4.1	10.7	19.9	30.0	40.8	51.9	63.8	76.0	88.5	100.8
-50°	0.0	3.9	9.9	18.6	28.1	38.1	48.6	59.7	71.3	83.1	94.8
-52.5°	0.0	3.7	9.0	17.2	26.0	35.4	45.3	55.4	66.4	77.6	88.7
-55°	0.0	3.5	8.0	15.8	23.9	32.7	41.9	51.0	61.3	72.0	82.4
-57.5°	0.0	3.3	7.1	14.3	21.7	29.9	38.4	46.9	56.0	66.0	75.9
-60°	0.0	3.0	6.1	12.8	19.5	27.1	34.9	42.8	50.7	59.8	69.1
-62.5°	0.0	2.8	5.6	11.3	17.4	24.1	31.3	38.6	45.8	53.4	62.0
-65°	0.0	2.6	5.2	9.7	15.3	21.1	27.7	34.2	40.8	47.5	54.6
-67.5°	0.0	2.3	4.7	8.1	13.2	18.3	23.9	29.8	35.6	41.6	47.7
-70°	0.0	2.1	4.2	6.4	11.0	15.5	20.1	25.3	30.5	35.6	41.0
-72.5°	0.0	1.8	3.7	5.5	8.8	12.8	16.7	20.8	25.3	29.8	34.2
-75°	0.0	1.6	3.2	4.7	6.5	9.9	13.3	16.8	20.1	24.0	27.7
-77.5°	0.0	1.3	2.6	4.0	5.3	7.1	9.9	12.9	15.7	18.3	21.2
-80°	0.0	1.1	2.1	3.2	4.2	5.3	6.5	9.0	11.3	13.6	15.7
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.7	7.0	8.8	10.5
-85°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.8	4.6	5.3	6.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.3	2.7	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	5.8
85°	6.7	7.3	8.3	9.3	10.2	11.1	12.0	12.9	13.7	14.5	15.2
82.5°	12.1	13.7	15.3	17.0	18.4	19.8	21.1	22.5	23.9	25.3	26.7
80°	17.8	20.1	22.6	25.0	27.1	29.1	31.0	32.9	34.9	37.0	39.2
77.5°	24.4	27.6	30.5	33.3	36.0	38.9	41.7	44.4	47.2	50.0	52.7
75°	31.5	35.1	38.9	42.6	46.2	49.7	53.1	56.6	60.1	63.6	67.0
72.5°	38.8	43.3	47.8	52.1	56.6	61.0	65.3	69.4	73.5	77.8	81.9
70°	46.4	51.6	57.1	62.4	67.4	72.6	77.7	82.7	87.5	92.5	97.4
67.5°	54.0	60.5	66.7	72.6	78.6	84.6	90.4	96.3	102.1	107.9	113.4
65°	62.4	69.6	76.3	83.0	89.8	96.8	103.7	110.4	117.1	123.6	129.4
62.5°	70.7	78.2	85.7	93.4	101.4	109.4	116.9	124.5	132.3	139.1	145.0
60°	78.2	86.6	95.0	103.8	112.7	121.2	129.7	138.0	146.3	154.1	158.9
57.5°	85.5	94.9	104.2	113.6	122.9	132.5	141.4	150.5	158.2	164.8	170.4
55°	92.7	102.8	112.7	122.6	132.7	142.7	152.3	161.0	168.6	174.0	179.4
52.5°	99.6	110.3	120.5	131.2	142.0	152.6	162.6	170.6	176.9	182.5	187.5
50°	106.4	117.2	128.0	139.6	151.0	162.1	171.6	178.6	185.0	190.4	195.7
47.5°	112.7	124.0	135.5	147.7	159.7	170.5	179.2	186.5	193.0	198.9	205.1
45°	118.8	130.7	143.0	155.5	167.7	178.2	186.6	194.4	200.5	207.2	214.3
42.5°	124.6	137.3	150.0	163.0	175.4	185.1	193.5	200.8	207.9	215.7	224.3
40°	130.2	143.4	156.7	170.2	182.6	191.2	199.4	207.1	215.7	225.0	235.0
37.5°	135.5	149.1	163.0	177.0	187.8	196.7	205.2	213.7	223.7	234.5	248.1
35°	140.4	154.5	168.8	182.3	192.6	202.0	210.7	220.3	232.0	246.1	263.5
32.5°	145.0	159.5	174.2	186.6	196.9	206.8	215.7	227.6	241.7	258.5	283.1
30°	149.2	164.0	178.8	190.8	200.9	210.7	221.6	235.0	251.5	276.1	307.6
27.5°	153.1	168.2	182.4	194.2	204.4	214.6	227.3	243.6	265.2	294.6	333.7
25°	156.7	172.1	185.9	197.2	207.7	218.9	232.7	251.1	279.5	317.4	370.3
22.5°	159.9	175.6	189.2	199.7	210.7	222.9	239.0	262.0	294.8	339.0	407.2
20°	162.8	178.3	191.7	202.1	213.5	226.2	244.7	272.3	311.9	369.2	456.2
17.5°	165.3	180.7	193.5	204.4	216.3	230.0	250.1	281.2	327.1	395.5	505.7
15°	167.4	182.7	195.1	206.3	218.7	234.2	257.7	292.9	344.8	422.9	548.9
12.5°	169.2	184.3	196.3	207.9	220.6	237.8	264.2	304.0	363.1	456.5	612.5
10°	170.6	185.6	197.3	209.2	222.2	240.7	269.5	313.0	378.3	485.6	666.7
7.5°	172.0	186.6	198.0	210.1	223.3	242.8	273.5	319.9	389.9	508.5	709.7
5°	172.9	187.2	198.4	210.6	224.2	244.2	276.3	324.7	397.9	524.8	739.9
2.5°	173.5	187.4	198.4	210.7	224.9	244.8	277.7	327.4	404.2	532.6	756.1
0°	173.7	187.2	198.2	210.5	225.1	244.7	277.8	327.9	407.4	532.3	758.6
-2.5°	173.5	187.4	198.4	210.7	224.9	244.8	277.7	327.4	404.2	532.6	756.1
-5°	172.9	187.2	198.4	210.6	224.2	244.2	276.3	324.7	397.9	524.8	739.9
-7.5°	172.0	186.6	198.0	210.1	223.3	242.8	273.5	319.9	389.9	508.5	709.7
-10°	170.6	185.6	197.3	209.2	222.2	240.7	269.5	313.0	378.3	485.6	666.7
-12.5°	169.2	184.3	196.3	207.9	220.6	237.8	264.2	304.0	363.1	456.5	612.5
-15°	167.4	182.7	195.1	206.3	218.7	234.2	257.7	292.9	344.8	422.9	548.9
-17.5°	165.3	180.7	193.5	204.4	216.3	230.0	250.1	281.2	327.1	395.5	505.7
-20°	162.8	178.3	191.7	202.1	213.5	226.2	244.7	272.3	311.9	369.2	456.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	159.9	175.6	189.2	199.7	210.7	222.9	239.0	262.0	294.8	339.0	407.2
-25°	156.7	172.1	185.9	197.2	207.7	218.9	232.7	251.1	279.5	317.4	370.3
-27.5°	153.1	168.2	182.4	194.2	204.4	214.6	227.3	243.6	265.2	294.6	333.7
-30°	149.2	164.0	178.8	190.8	200.9	210.7	221.6	235.0	251.5	276.1	307.6
-32.5°	145.0	159.5	174.2	186.6	196.9	206.8	215.7	227.6	241.7	258.5	283.1
-35°	140.4	154.5	168.8	182.3	192.6	202.0	210.7	220.3	232.0	246.1	263.5
-37.5°	135.5	149.1	163.0	177.0	187.8	196.7	205.2	213.7	223.7	234.5	248.1
-40°	130.2	143.4	156.7	170.2	182.6	191.2	199.4	207.1	215.7	225.0	235.0
-42.5°	124.6	137.3	150.0	163.0	175.4	185.1	193.5	200.8	207.9	215.7	224.3
-45°	118.8	130.7	143.0	155.5	167.7	178.2	186.6	194.4	200.5	207.2	214.3
-47.5°	112.7	124.0	135.5	147.7	159.7	170.5	179.2	186.5	193.0	198.9	205.1
-50°	106.4	117.2	128.0	139.6	151.0	162.1	171.6	178.6	185.0	190.4	195.7
-52.5°	99.6	110.3	120.5	131.2	142.0	152.6	162.6	170.6	176.9	182.5	187.5
-55°	92.7	102.8	112.7	122.6	132.7	142.7	152.3	161.0	168.6	174.0	179.4
-57.5°	85.5	94.9	104.2	113.6	122.9	132.5	141.4	150.5	158.2	164.8	170.4
-60°	78.2	86.6	95.0	103.8	112.7	121.2	129.7	138.0	146.3	154.1	158.9
-62.5°	70.7	78.2	85.7	93.4	101.4	109.4	116.9	124.5	132.3	139.1	145.0
-65°	62.4	69.6	76.3	83.0	89.8	96.8	103.7	110.4	117.1	123.6	129.4
-67.5°	54.0	60.5	66.7	72.6	78.6	84.6	90.4	96.3	102.1	107.9	113.4
-70°	46.4	51.6	57.1	62.4	67.4	72.6	77.7	82.7	87.5	92.5	97.4
-72.5°	38.8	43.3	47.8	52.1	56.6	61.0	65.3	69.4	73.5	77.8	81.9
-75°	31.5	35.1	38.9	42.6	46.2	49.7	53.1	56.6	60.1	63.6	67.0
-77.5°	24.4	27.6	30.5	33.3	36.0	38.9	41.7	44.4	47.2	50.0	52.7
-80°	17.8	20.1	22.6	25.0	27.1	29.1	31.0	32.9	34.9	37.0	39.2
-82.5°	12.1	13.7	15.3	17.0	18.4	19.8	21.1	22.5	23.9	25.3	26.7
-85°	6.7	7.3	8.3	9.3	10.2	11.1	12.0	12.9	13.7	14.5	15.2
-87.5°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	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: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	6.0	5.9	5.8	5.7	5.5	5.9	6.3	6.7	7.0	6.8	6.6
85°	15.9	16.3	16.6	16.9	17.1	17.8	18.6	19.2	19.9	19.9	19.8
82.5°	28.0	28.9	29.7	30.4	31.0	31.9	32.7	33.4	34.0	34.4	34.8
80°	41.3	42.8	44.0	45.1	46.2	47.3	48.4	49.4	50.2	50.7	51.0
77.5°	55.3	57.4	59.4	61.2	62.9	64.6	66.2	67.6	68.8	69.1	69.0
75°	70.2	73.0	75.7	78.3	80.6	82.5	84.2	85.6	86.7	87.3	87.6
72.5°	85.8	89.4	92.6	95.4	97.9	99.9	101.6	103.2	104.5	105.3	105.8
70°	102.1	106.3	109.6	112.3	114.4	116.4	118.7	120.9	122.9	124.0	124.5
67.5°	118.5	122.8	125.8	128.3	130.2	132.2	135.1	137.7	139.9	141.5	142.5
65°	134.5	139.0	142.0	144.4	146.2	148.2	151.4	154.0	155.9	157.4	158.8
62.5°	150.3	154.9	158.3	161.1	163.7	165.9	168.5	170.6	172.3	173.8	175.5
60°	164.1	169.5	173.0	175.8	179.0	182.4	184.4	186.0	187.4	188.6	189.7
57.5°	175.2	180.1	184.6	188.0	191.3	194.5	196.8	198.3	199.5	200.4	200.8
55°	184.6	189.6	194.7	198.4	201.6	204.6	207.1	209.1	210.7	212.0	212.3
52.5°	193.0	198.7	203.6	207.8	212.1	215.7	218.4	221.1	223.5	225.4	226.2
50°	202.2	208.1	214.2	219.9	224.5	228.5	231.8	235.6	239.7	243.0	245.1
47.5°	211.8	218.6	226.0	233.0	238.4	244.4	249.9	255.6	263.0	269.2	273.9
45°	221.8	230.5	239.0	247.9	255.4	266.6	277.1	286.0	298.0	308.8	317.4
42.5°	233.6	244.5	254.9	269.2	284.1	299.5	316.1	330.3	348.9	367.8	383.1
40°	247.7	261.7	280.0	299.1	322.7	343.8	372.4	398.0	426.5	462.6	492.5
37.5°	264.7	286.1	311.6	338.2	375.0	410.1	457.5	507.4	552.6	622.1	680.6
35°	286.7	316.6	350.1	397.4	449.4	515.3	589.1	685.5	768.1	885.3	997.3
32.5°	315.0	353.5	408.3	481.2	558.1	677.6	794.8	962.1	1117.1	1302.8	1503.2
30°	346.5	405.1	488.8	588.9	732.4	908.2	1114.7	1371.7	1652.9	1914.0	2171.2
27.5°	392.2	476.2	586.1	747.6	971.2	1217.2	1579.1	1927.8	2291.8	2615.2	2885.0
25°	445.5	556.5	726.5	964.3	1266.7	1687.9	2121.1	2551.6	2942.9	3281.6	3579.7
22.5°	514.4	674.1	900.7	1208.7	1679.6	2184.4	2692.4	3167.2	3584.7	3961.8	4284.5
20°	589.3	789.2	1112.8	1572.0	2110.5	2685.6	3259.2	3765.0	4224.6	4652.2	5015.9
17.5°	684.2	964.2	1374.0	1924.8	2547.4	3177.5	3780.1	4329.0	4850.5	5303.0	5683.0
15°	765.1	1118.3	1653.1	2299.1	2972.6	3637.3	4273.4	4869.7	5411.9	5876.1	6233.3
12.5°	873.1	1291.0	1900.9	2620.9	3350.7	4050.1	4720.3	5336.5	5888.2	6347.3	6625.4
10°	975.1	1469.8	2140.5	2891.3	3649.5	4394.8	5110.2	5742.2	6254.5	6619.7	6856.7
7.5°	1061.9	1623.5	2335.3	3109.9	3886.9	4666.1	5390.3	6005.2	6477.5	6782.6	6947.5
5°	1126.6	1738.4	2480.0	3287.5	4084.9	4877.7	5596.2	6173.5	6581.7	6808.3	6891.1
2.5°	1167.9	1805.9	2563.9	3404.0	4217.3	5011.6	5737.5	6305.7	6652.1	6802.3	6816.5
0°	1184.4	1814.6	2576.8	3465.2	4250.7	5049.7	5777.7	6360.1	6678.3	6801.8	6799.4
-2.5°	1167.9	1805.9	2563.9	3404.0	4217.3	5011.6	5737.5	6305.7	6652.1	6802.3	6816.5
-5°	1126.6	1738.4	2480.0	3287.5	4084.9	4877.7	5596.2	6173.5	6581.7	6808.3	6891.1
-7.5°	1061.9	1623.5	2335.3	3109.9	3886.9	4666.1	5390.3	6005.2	6477.5	6782.6	6947.5
-10°	975.1	1469.8	2140.5	2891.3	3649.5	4394.8	5110.2	5742.2	6254.5	6619.7	6856.7
-12.5°	873.1	1291.0	1900.9	2620.9	3350.7	4050.1	4720.3	5336.5	5888.2	6347.3	6625.4
-15°	765.1	1118.3	1653.1	2299.1	2972.6	3637.3	4273.4	4869.7	5411.9	5876.1	6233.3
-17.5°	684.2	964.2	1374.0	1924.8	2547.4	3177.5	3780.1	4329.0	4850.5	5303.0	5683.0
-20°	589.3	789.2	1112.8	1572.0	2110.5	2685.6	3259.2	3765.0	4224.6	4652.2	5015.9

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	514.4	674.1	900.7	1208.7	1679.6	2184.4	2692.4	3167.2	3584.7	3961.8	4284.5
-25°	445.5	556.5	726.5	964.3	1266.7	1687.9	2121.1	2551.6	2942.9	3281.6	3579.7
-27.5°	392.2	476.2	586.1	747.6	971.2	1217.2	1579.1	1927.8	2291.8	2615.2	2885.0
-30°	346.5	405.1	488.8	588.9	732.4	908.2	1114.7	1371.7	1652.9	1914.0	2171.2
-32.5°	315.0	353.5	408.3	481.2	558.1	677.6	794.8	962.1	1117.1	1302.8	1503.2
-35°	286.7	316.6	350.1	397.4	449.4	515.3	589.1	685.5	768.1	885.3	997.3
-37.5°	264.7	286.1	311.6	338.2	375.0	410.1	457.5	507.4	552.6	622.1	680.6
-40°	247.7	261.7	280.0	299.1	322.7	343.8	372.4	398.0	426.5	462.6	492.5
-42.5°	233.6	244.5	254.9	269.2	284.1	299.5	316.1	330.3	348.9	367.8	383.1
-45°	221.8	230.5	239.0	247.9	255.4	266.6	277.1	286.0	298.0	308.8	317.4
-47.5°	211.8	218.6	226.0	233.0	238.4	244.4	249.9	255.6	263.0	269.2	273.9
-50°	202.2	208.1	214.2	219.9	224.5	228.5	231.8	235.6	239.7	243.0	245.1
-52.5°	193.0	198.7	203.6	207.8	212.1	215.7	218.4	221.1	223.5	225.4	226.2
-55°	184.6	189.6	194.7	198.4	201.6	204.6	207.1	209.1	210.7	212.0	212.3
-57.5°	175.2	180.1	184.6	188.0	191.3	194.5	196.8	198.3	199.5	200.4	200.8
-60°	164.1	169.5	173.0	175.8	179.0	182.4	184.4	186.0	187.4	188.6	189.7
-62.5°	150.3	154.9	158.3	161.1	163.7	165.9	168.5	170.6	172.3	173.8	175.5
-65°	134.5	139.0	142.0	144.4	146.2	148.2	151.4	154.0	155.9	157.4	158.8
-67.5°	118.5	122.8	125.8	128.3	130.2	132.2	135.1	137.7	139.9	141.5	142.5
-70°	102.1	106.3	109.6	112.3	114.4	116.4	118.7	120.9	122.9	124.0	124.5
-72.5°	85.8	89.4	92.6	95.4	97.9	99.9	101.6	103.2	104.5	105.3	105.8
-75°	70.2	73.0	75.7	78.3	80.6	82.5	84.2	85.6	86.7	87.3	87.6
-77.5°	55.3	57.4	59.4	61.2	62.9	64.6	66.2	67.6	68.8	69.1	69.0
-80°	41.3	42.8	44.0	45.1	46.2	47.3	48.4	49.4	50.2	50.7	51.0
-82.5°	28.0	28.9	29.7	30.4	31.0	31.9	32.7	33.4	34.0	34.4	34.8
-85°	15.9	16.3	16.6	16.9	17.1	17.8	18.6	19.2	19.9	19.9	19.8
-87.5°	6.0	5.9	5.8	5.7	5.5	5.9	6.3	6.7	7.0	6.8	6.6
-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: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	6.3	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.8	7.0	6.7
85°	19.7	19.5	19.0	18.4	19.0	19.5	19.7	19.8	19.9	19.9	19.2
82.5°	35.1	35.3	34.9	34.3	34.9	35.3	35.1	34.8	34.4	34.0	33.4
80°	51.2	51.2	50.7	50.2	50.7	51.2	51.2	51.0	50.7	50.2	49.4
77.5°	68.7	68.2	68.4	68.5	68.4	68.2	68.7	69.0	69.1	68.8	67.6
75°	87.8	87.7	87.4	86.9	87.4	87.7	87.8	87.6	87.3	86.7	85.6
72.5°	106.0	106.1	105.8	105.2	105.8	106.1	106.0	105.8	105.3	104.5	103.2
70°	124.6	124.3	124.6	124.8	124.6	124.3	124.6	124.5	124.0	122.9	120.9
67.5°	143.2	143.7	143.7	143.2	143.7	143.7	143.2	142.5	141.5	139.9	137.7
65°	160.0	160.8	161.3	161.5	161.3	160.8	160.0	158.8	157.4	155.9	154.0
62.5°	176.9	177.8	177.9	177.4	177.9	177.8	176.9	175.5	173.8	172.3	170.6
60°	190.3	190.5	190.2	189.7	190.2	190.5	190.3	189.7	188.6	187.4	186.0
57.5°	200.8	200.5	200.0	199.4	200.0	200.5	200.8	200.8	200.4	199.5	198.3
55°	212.1	211.6	211.1	210.5	211.1	211.6	212.1	212.3	212.0	210.7	209.1
52.5°	226.4	226.1	225.7	225.1	225.7	226.1	226.4	226.2	225.4	223.5	221.1
50°	246.1	246.4	246.4	245.9	246.4	246.4	246.1	245.1	243.0	239.7	235.6
47.5°	276.8	278.4	279.5	280.2	279.5	278.4	276.8	273.9	269.2	263.0	255.6
45°	322.9	326.1	328.4	330.4	328.4	326.1	322.9	317.4	308.8	298.0	286.0
42.5°	393.9	401.2	404.6	403.8	404.6	401.2	393.9	383.1	367.8	348.9	330.3
40°	512.4	524.2	530.7	535.9	530.7	524.2	512.4	492.5	462.6	426.5	398.0
37.5°	720.5	743.4	755.5	766.0	755.5	743.4	720.5	680.6	622.1	552.6	507.4
35°	1080.9	1132.5	1160.1	1169.7	1160.1	1132.5	1080.9	997.3	885.3	768.1	685.5
32.5°	1659.2	1754.3	1806.9	1847.6	1806.9	1754.3	1659.2	1503.2	1302.8	1117.1	962.1
30°	2374.9	2500.2	2569.8	2603.8	2569.8	2500.2	2374.9	2171.2	1914.0	1652.9	1371.7
27.5°	3108.6	3251.1	3326.1	3322.0	3326.1	3251.1	3108.6	2885.0	2615.2	2291.8	1927.8
25°	3835.2	4000.2	4074.9	4141.8	4074.9	4000.2	3835.2	3579.7	3281.6	2942.9	2551.6
22.5°	4570.1	4763.0	4868.2	4917.5	4868.2	4763.0	4570.1	4284.5	3961.8	3584.7	3167.2
20°	5296.2	5510.9	5622.6	5671.3	5622.6	5510.9	5296.2	5015.9	4652.2	4224.6	3765.0
17.5°	5940.2	6149.8	6256.3	6301.4	6256.3	6149.8	5940.2	5683.0	5303.0	4850.5	4329.0
15°	6454.4	6609.0	6699.5	6723.5	6699.5	6609.0	6454.4	6233.3	5876.1	5411.9	4869.7
12.5°	6809.8	6869.7	6913.3	6926.6	6913.3	6869.7	6809.8	6625.4	6347.3	5888.2	5336.5
10°	6991.5	6964.5	6953.4	6954.8	6953.4	6964.5	6991.5	6856.7	6619.7	6254.5	5742.2
7.5°	6979.1	6939.1	6858.7	6845.9	6858.7	6939.1	6979.1	6947.5	6782.6	6477.5	6005.2
5°	6878.8	6806.0	6672.6	6634.2	6672.6	6806.0	6878.8	6891.1	6808.3	6581.7	6173.5
2.5°	6761.9	6630.6	6507.7	6428.6	6507.7	6630.6	6761.9	6816.5	6802.3	6652.1	6305.7
0°	6727.2	6575.5	6416.4	6365.0	6416.4	6575.5	6727.2	6799.4	6801.8	6678.3	6360.1
-2.5°	6761.9	6630.6	6507.7	6428.6	6507.7	6630.6	6761.9	6816.5	6802.3	6652.1	6305.7
-5°	6878.8	6806.0	6672.6	6634.2	6672.6	6806.0	6878.8	6891.1	6808.3	6581.7	6173.5
-7.5°	6979.1	6939.1	6858.7	6845.9	6858.7	6939.1	6979.1	6947.5	6782.6	6477.5	6005.2
-10°	6991.5	6964.5	6953.4	6954.8	6953.4	6964.5	6991.5	6856.7	6619.7	6254.5	5742.2
-12.5°	6809.8	6869.7	6913.3	6926.6	6913.3	6869.7	6809.8	6625.4	6347.3	5888.2	5336.5
-15°	6454.4	6609.0	6699.5	6723.5	6699.5	6609.0	6454.4	6233.3	5876.1	5411.9	4869.7
-17.5°	5940.2	6149.8	6256.3	6301.4	6256.3	6149.8	5940.2	5683.0	5303.0	4850.5	4329.0
-20°	5296.2	5510.9	5622.6	5671.3	5622.6	5510.9	5296.2	5015.9	4652.2	4224.6	3765.0



REPORT NUMBER: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-735-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°	4570.1	4763.0	4868.2	4917.5	4868.2	4763.0	4570.1	4284.5	3961.8	3584.7	3167.2
-25°	3835.2	4000.2	4074.9	4141.8	4074.9	4000.2	3835.2	3579.7	3281.6	2942.9	2551.6
-27.5°	3108.6	3251.1	3326.1	3322.0	3326.1	3251.1	3108.6	2885.0	2615.2	2291.8	1927.8
-30°	2374.9	2500.2	2569.8	2603.8	2569.8	2500.2	2374.9	2171.2	1914.0	1652.9	1371.7
-32.5°	1659.2	1754.3	1806.9	1847.6	1806.9	1754.3	1659.2	1503.2	1302.8	1117.1	962.1
-35°	1080.9	1132.5	1160.1	1169.7	1160.1	1132.5	1080.9	997.3	885.3	768.1	685.5
-37.5°	720.5	743.4	755.5	766.0	755.5	743.4	720.5	680.6	622.1	552.6	507.4
-40°	512.4	524.2	530.7	535.9	530.7	524.2	512.4	492.5	462.6	426.5	398.0
-42.5°	393.9	401.2	404.6	403.8	404.6	401.2	393.9	383.1	367.8	348.9	330.3
-45°	322.9	326.1	328.4	330.4	328.4	326.1	322.9	317.4	308.8	298.0	286.0
-47.5°	276.8	278.4	279.5	280.2	279.5	278.4	276.8	273.9	269.2	263.0	255.6
-50°	246.1	246.4	246.4	245.9	246.4	246.4	246.1	245.1	243.0	239.7	235.6
-52.5°	226.4	226.1	225.7	225.1	225.7	226.1	226.4	226.2	225.4	223.5	221.1
-55°	212.1	211.6	211.1	210.5	211.1	211.6	212.1	212.3	212.0	210.7	209.1
-57.5°	200.8	200.5	200.0	199.4	200.0	200.5	200.8	200.8	200.4	199.5	198.3
-60°	190.3	190.5	190.2	189.7	190.2	190.5	190.3	189.7	188.6	187.4	186.0
-62.5°	176.9	177.8	177.9	177.4	177.9	177.8	176.9	175.5	173.8	172.3	170.6
-65°	160.0	160.8	161.3	161.5	161.3	160.8	160.0	158.8	157.4	155.9	154.0
-67.5°	143.2	143.7	143.7	143.2	143.7	143.7	143.2	142.5	141.5	139.9	137.7
-70°	124.6	124.3	124.6	124.8	124.6	124.3	124.6	124.5	124.0	122.9	120.9
-72.5°	106.0	106.1	105.8	105.2	105.8	106.1	106.0	105.8	105.3	104.5	103.2
-75°	87.8	87.7	87.4	86.9	87.4	87.7	87.8	87.6	87.3	86.7	85.6
-77.5°	68.7	68.2	68.4	68.5	68.4	68.2	68.7	69.0	69.1	68.8	67.6
-80°	51.2	51.2	50.7	50.2	50.7	51.2	51.2	51.0	50.7	50.2	49.4
-82.5°	35.1	35.3	34.9	34.3	34.9	35.3	35.1	34.8	34.4	34.0	33.4
-85°	19.7	19.5	19.0	18.4	19.0	19.5	19.7	19.8	19.9	19.9	19.2
-87.5°	6.3	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.8	7.0	6.7
-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: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	6.3	5.9	5.5	5.7	5.8	5.9	6.0	5.8	5.6	5.4	5.2
85°	18.6	17.8	17.1	16.9	16.6	16.3	15.9	15.2	14.5	13.7	12.9
82.5°	32.7	31.9	31.0	30.4	29.7	28.9	28.0	26.7	25.3	23.9	22.5
80°	48.4	47.3	46.2	45.1	44.0	42.8	41.3	39.2	37.0	34.9	32.9
77.5°	66.2	64.6	62.9	61.2	59.4	57.4	55.3	52.7	50.0	47.2	44.4
75°	84.2	82.5	80.6	78.3	75.7	73.0	70.2	67.0	63.6	60.1	56.6
72.5°	101.6	99.9	97.9	95.4	92.6	89.4	85.8	81.9	77.8	73.5	69.4
70°	118.7	116.4	114.4	112.3	109.6	106.3	102.1	97.4	92.5	87.5	82.7
67.5°	135.1	132.2	130.2	128.3	125.8	122.8	118.5	113.4	107.9	102.1	96.3
65°	151.4	148.2	146.2	144.4	142.0	139.0	134.5	129.4	123.6	117.1	110.4
62.5°	168.5	165.9	163.7	161.1	158.3	154.9	150.3	145.0	139.1	132.3	124.5
60°	184.4	182.4	179.0	175.8	173.0	169.5	164.1	158.9	154.1	146.3	138.0
57.5°	196.8	194.5	191.3	188.0	184.6	180.1	175.2	170.4	164.8	158.2	150.5
55°	207.1	204.6	201.6	198.4	194.7	189.6	184.6	179.4	174.0	168.6	161.0
52.5°	218.4	215.7	212.1	207.8	203.6	198.7	193.0	187.5	182.5	176.9	170.6
50°	231.8	228.5	224.5	219.9	214.2	208.1	202.2	195.7	190.4	185.0	178.6
47.5°	249.9	244.4	238.4	233.0	226.0	218.6	211.8	205.1	198.9	193.0	186.5
45°	277.1	266.6	255.4	247.9	239.0	230.5	221.8	214.3	207.2	200.5	194.4
42.5°	316.1	299.5	284.1	269.2	254.9	244.5	233.6	224.3	215.7	207.9	200.8
40°	372.4	343.8	322.7	299.1	280.0	261.7	247.7	235.0	225.0	215.7	207.1
37.5°	457.5	410.1	375.0	338.2	311.6	286.1	264.7	248.1	234.5	223.7	213.7
35°	589.1	515.3	449.4	397.4	350.1	316.6	286.7	263.5	246.1	232.0	220.3
32.5°	794.8	677.6	558.1	481.2	408.3	353.5	315.0	283.1	258.5	241.7	227.6
30°	1114.7	908.2	732.4	588.9	488.8	405.1	346.5	307.6	276.1	251.5	235.0
27.5°	1579.1	1217.2	971.2	747.6	586.1	476.2	392.2	333.7	294.6	265.2	243.6
25°	2121.1	1687.9	1266.7	964.3	726.5	556.5	445.5	370.3	317.4	279.5	251.1
22.5°	2692.4	2184.4	1679.6	1208.7	900.7	674.1	514.4	407.2	339.0	294.8	262.0
20°	3259.2	2685.6	2110.5	1572.0	1112.8	789.2	589.3	456.2	369.2	311.9	272.3
17.5°	3780.1	3177.5	2547.4	1924.8	1374.0	964.2	684.2	505.7	395.5	327.1	281.2
15°	4273.4	3637.3	2972.6	2299.1	1653.1	1118.3	765.1	548.9	422.9	344.8	292.9
12.5°	4720.3	4050.1	3350.7	2620.9	1900.9	1291.0	873.1	612.5	456.5	363.1	304.0
10°	5110.2	4394.8	3649.5	2891.3	2140.5	1469.8	975.1	666.7	485.6	378.3	313.0
7.5°	5390.3	4666.1	3886.9	3109.9	2335.3	1623.5	1061.9	709.7	508.5	389.9	319.9
5°	5596.2	4877.7	4084.9	3287.5	2480.0	1738.4	1126.6	739.9	524.8	397.9	324.7
2.5°	5737.5	5011.6	4217.3	3404.0	2563.9	1805.9	1167.9	756.1	532.6	404.2	327.4
0°	5777.7	5049.7	4250.7	3465.2	2576.8	1814.6	1184.4	758.6	532.3	407.4	327.9
-2.5°	5737.5	5011.6	4217.3	3404.0	2563.9	1805.9	1167.9	756.1	532.6	404.2	327.4
-5°	5596.2	4877.7	4084.9	3287.5	2480.0	1738.4	1126.6	739.9	524.8	397.9	324.7
-7.5°	5390.3	4666.1	3886.9	3109.9	2335.3	1623.5	1061.9	709.7	508.5	389.9	319.9
-10°	5110.2	4394.8	3649.5	2891.3	2140.5	1469.8	975.1	666.7	485.6	378.3	313.0
-12.5°	4720.3	4050.1	3350.7	2620.9	1900.9	1291.0	873.1	612.5	456.5	363.1	304.0
-15°	4273.4	3637.3	2972.6	2299.1	1653.1	1118.3	765.1	548.9	422.9	344.8	292.9
-17.5°	3780.1	3177.5	2547.4	1924.8	1374.0	964.2	684.2	505.7	395.5	327.1	281.2
-20°	3259.2	2685.6	2110.5	1572.0	1112.8	789.2	589.3	456.2	369.2	311.9	272.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2692.4	2184.4	1679.6	1208.7	900.7	674.1	514.4	407.2	339.0	294.8	262.0
-25°	2121.1	1687.9	1266.7	964.3	726.5	556.5	445.5	370.3	317.4	279.5	251.1
-27.5°	1579.1	1217.2	971.2	747.6	586.1	476.2	392.2	333.7	294.6	265.2	243.6
-30°	1114.7	908.2	732.4	588.9	488.8	405.1	346.5	307.6	276.1	251.5	235.0
-32.5°	794.8	677.6	558.1	481.2	408.3	353.5	315.0	283.1	258.5	241.7	227.6
-35°	589.1	515.3	449.4	397.4	350.1	316.6	286.7	263.5	246.1	232.0	220.3
-37.5°	457.5	410.1	375.0	338.2	311.6	286.1	264.7	248.1	234.5	223.7	213.7
-40°	372.4	343.8	322.7	299.1	280.0	261.7	247.7	235.0	225.0	215.7	207.1
-42.5°	316.1	299.5	284.1	269.2	254.9	244.5	233.6	224.3	215.7	207.9	200.8
-45°	277.1	266.6	255.4	247.9	239.0	230.5	221.8	214.3	207.2	200.5	194.4
-47.5°	249.9	244.4	238.4	233.0	226.0	218.6	211.8	205.1	198.9	193.0	186.5
-50°	231.8	228.5	224.5	219.9	214.2	208.1	202.2	195.7	190.4	185.0	178.6
-52.5°	218.4	215.7	212.1	207.8	203.6	198.7	193.0	187.5	182.5	176.9	170.6
-55°	207.1	204.6	201.6	198.4	194.7	189.6	184.6	179.4	174.0	168.6	161.0
-57.5°	196.8	194.5	191.3	188.0	184.6	180.1	175.2	170.4	164.8	158.2	150.5
-60°	184.4	182.4	179.0	175.8	173.0	169.5	164.1	158.9	154.1	146.3	138.0
-62.5°	168.5	165.9	163.7	161.1	158.3	154.9	150.3	145.0	139.1	132.3	124.5
-65°	151.4	148.2	146.2	144.4	142.0	139.0	134.5	129.4	123.6	117.1	110.4
-67.5°	135.1	132.2	130.2	128.3	125.8	122.8	118.5	113.4	107.9	102.1	96.3
-70°	118.7	116.4	114.4	112.3	109.6	106.3	102.1	97.4	92.5	87.5	82.7
-72.5°	101.6	99.9	97.9	95.4	92.6	89.4	85.8	81.9	77.8	73.5	69.4
-75°	84.2	82.5	80.6	78.3	75.7	73.0	70.2	67.0	63.6	60.1	56.6
-77.5°	66.2	64.6	62.9	61.2	59.4	57.4	55.3	52.7	50.0	47.2	44.4
-80°	48.4	47.3	46.2	45.1	44.0	42.8	41.3	39.2	37.0	34.9	32.9
-82.5°	32.7	31.9	31.0	30.4	29.7	28.9	28.0	26.7	25.3	23.9	22.5
-85°	18.6	17.8	17.1	16.9	16.6	16.3	15.9	15.2	14.5	13.7	12.9
-87.5°	6.3	5.9	5.5	5.7	5.8	5.9	6.0	5.8	5.6	5.4	5.2
-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: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-735-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°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.7	2.3	1.9
85°	12.0	11.1	10.2	9.3	8.3	7.3	6.7	6.2	5.3	4.6	3.8
82.5°	21.1	19.8	18.4	17.0	15.3	13.7	12.1	10.5	8.8	7.0	5.7
80°	31.0	29.1	27.1	25.0	22.6	20.1	17.8	15.7	13.6	11.3	9.0
77.5°	41.7	38.9	36.0	33.3	30.5	27.6	24.4	21.2	18.3	15.7	12.9
75°	53.1	49.7	46.2	42.6	38.9	35.1	31.5	27.7	24.0	20.1	16.8
72.5°	65.3	61.0	56.6	52.1	47.8	43.3	38.8	34.2	29.8	25.3	20.8
70°	77.7	72.6	67.4	62.4	57.1	51.6	46.4	41.0	35.6	30.5	25.3
67.5°	90.4	84.6	78.6	72.6	66.7	60.5	54.0	47.7	41.6	35.6	29.8
65°	103.7	96.8	89.8	83.0	76.3	69.6	62.4	54.6	47.5	40.8	34.2
62.5°	116.9	109.4	101.4	93.4	85.7	78.2	70.7	62.0	53.4	45.8	38.6
60°	129.7	121.2	112.7	103.8	95.0	86.6	78.2	69.1	59.8	50.7	42.8
57.5°	141.4	132.5	122.9	113.6	104.2	94.9	85.5	75.9	66.0	56.0	46.9
55°	152.3	142.7	132.7	122.6	112.7	102.8	92.7	82.4	72.0	61.3	51.0
52.5°	162.6	152.6	142.0	131.2	120.5	110.3	99.6	88.7	77.6	66.4	55.4
50°	171.6	162.1	151.0	139.6	128.0	117.2	106.4	94.8	83.1	71.3	59.7
47.5°	179.2	170.5	159.7	147.7	135.5	124.0	112.7	100.8	88.5	76.0	63.8
45°	186.6	178.2	167.7	155.5	143.0	130.7	118.8	106.5	93.6	80.6	67.8
42.5°	193.5	185.1	175.4	163.0	150.0	137.3	124.6	111.8	98.5	84.9	71.6
40°	199.4	191.2	182.6	170.2	156.7	143.4	130.2	117.0	103.2	89.0	75.1
37.5°	205.2	196.7	187.8	177.0	163.0	149.1	135.5	121.9	107.7	93.0	78.5
35°	210.7	202.0	192.6	182.3	168.8	154.5	140.4	126.5	111.9	96.8	81.6
32.5°	215.7	206.8	196.9	186.6	174.2	159.5	145.0	130.6	115.8	100.4	84.6
30°	221.6	210.7	200.9	190.8	178.8	164.0	149.2	134.4	119.4	103.8	87.3
27.5°	227.3	214.6	204.4	194.2	182.4	168.2	153.1	137.9	122.7	106.9	90.0
25°	232.7	218.9	207.7	197.2	185.9	172.1	156.7	141.1	125.6	109.6	92.5
22.5°	239.0	222.9	210.7	199.7	189.2	175.6	159.9	144.0	128.2	112.0	94.8
20°	244.7	226.2	213.5	202.1	191.7	178.3	162.8	146.6	130.5	114.2	96.9
17.5°	250.1	230.0	216.3	204.4	193.5	180.7	165.3	148.9	132.5	116.0	98.7
15°	257.7	234.2	218.7	206.3	195.1	182.7	167.4	150.9	134.3	117.6	100.4
12.5°	264.2	237.8	220.6	207.9	196.3	184.3	169.2	152.5	135.7	119.0	101.8
10°	269.5	240.7	222.2	209.2	197.3	185.6	170.6	153.8	137.0	120.2	103.0
7.5°	273.5	242.8	223.3	210.1	198.0	186.6	172.0	155.0	138.1	121.2	104.0
5°	276.3	244.2	224.2	210.6	198.4	187.2	172.9	155.9	138.9	121.9	104.7
2.5°	277.7	244.8	224.9	210.7	198.4	187.4	173.5	156.4	139.3	122.3	105.1
0°	277.8	244.7	225.1	210.5	198.2	187.2	173.7	156.6	139.5	122.4	105.2
-2.5°	277.7	244.8	224.9	210.7	198.4	187.4	173.5	156.4	139.3	122.3	105.1
-5°	276.3	244.2	224.2	210.6	198.4	187.2	172.9	155.9	138.9	121.9	104.7
-7.5°	273.5	242.8	223.3	210.1	198.0	186.6	172.0	155.0	138.1	121.2	104.0
-10°	269.5	240.7	222.2	209.2	197.3	185.6	170.6	153.8	137.0	120.2	103.0
-12.5°	264.2	237.8	220.6	207.9	196.3	184.3	169.2	152.5	135.7	119.0	101.8
-15°	257.7	234.2	218.7	206.3	195.1	182.7	167.4	150.9	134.3	117.6	100.4
-17.5°	250.1	230.0	216.3	204.4	193.5	180.7	165.3	148.9	132.5	116.0	98.7
-20°	244.7	226.2	213.5	202.1	191.7	178.3	162.8	146.6	130.5	114.2	96.9

Classified

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Scaled Data Report



REPORT NUMBER: P626677 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	239.0	222.9	210.7	199.7	189.2	175.6	159.9	144.0	128.2	112.0	94.8
-25°	232.7	218.9	207.7	197.2	185.9	172.1	156.7	141.1	125.6	109.6	92.5
-27.5°	227.3	214.6	204.4	194.2	182.4	168.2	153.1	137.9	122.7	106.9	90.0
-30°	221.6	210.7	200.9	190.8	178.8	164.0	149.2	134.4	119.4	103.8	87.3
-32.5°	215.7	206.8	196.9	186.6	174.2	159.5	145.0	130.6	115.8	100.4	84.6
-35°	210.7	202.0	192.6	182.3	168.8	154.5	140.4	126.5	111.9	96.8	81.6
-37.5°	205.2	196.7	187.8	177.0	163.0	149.1	135.5	121.9	107.7	93.0	78.5
-40°	199.4	191.2	182.6	170.2	156.7	143.4	130.2	117.0	103.2	89.0	75.1
-42.5°	193.5	185.1	175.4	163.0	150.0	137.3	124.6	111.8	98.5	84.9	71.6
-45°	186.6	178.2	167.7	155.5	143.0	130.7	118.8	106.5	93.6	80.6	67.8
-47.5°	179.2	170.5	159.7	147.7	135.5	124.0	112.7	100.8	88.5	76.0	63.8
-50°	171.6	162.1	151.0	139.6	128.0	117.2	106.4	94.8	83.1	71.3	59.7
-52.5°	162.6	152.6	142.0	131.2	120.5	110.3	99.6	88.7	77.6	66.4	55.4
-55°	152.3	142.7	132.7	122.6	112.7	102.8	92.7	82.4	72.0	61.3	51.0
-57.5°	141.4	132.5	122.9	113.6	104.2	94.9	85.5	75.9	66.0	56.0	46.9
-60°	129.7	121.2	112.7	103.8	95.0	86.6	78.2	69.1	59.8	50.7	42.8
-62.5°	116.9	109.4	101.4	93.4	85.7	78.2	70.7	62.0	53.4	45.8	38.6
-65°	103.7	96.8	89.8	83.0	76.3	69.6	62.4	54.6	47.5	40.8	34.2
-67.5°	90.4	84.6	78.6	72.6	66.7	60.5	54.0	47.7	41.6	35.6	29.8
-70°	77.7	72.6	67.4	62.4	57.1	51.6	46.4	41.0	35.6	30.5	25.3
-72.5°	65.3	61.0	56.6	52.1	47.8	43.3	38.8	34.2	29.8	25.3	20.8
-75°	53.1	49.7	46.2	42.6	38.9	35.1	31.5	27.7	24.0	20.1	16.8
-77.5°	41.7	38.9	36.0	33.3	30.5	27.6	24.4	21.2	18.3	15.7	12.9
-80°	31.0	29.1	27.1	25.0	22.6	20.1	17.8	15.7	13.6	11.3	9.0
-82.5°	21.1	19.8	18.4	17.0	15.3	13.7	12.1	10.5	8.8	7.0	5.7
-85°	12.0	11.1	10.2	9.3	8.3	7.3	6.7	6.2	5.3	4.6	3.8
-87.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.7	2.3	1.9
-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-735-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.5	5.3	4.2	3.2	2.1	1.1	0.0
77.5°	9.9	7.1	5.3	4.0	2.6	1.3	0.0
75°	13.3	9.9	6.5	4.7	3.2	1.6	0.0
72.5°	16.7	12.8	8.8	5.5	3.7	1.8	0.0
70°	20.1	15.5	11.0	6.4	4.2	2.1	0.0
67.5°	23.9	18.3	13.2	8.1	4.7	2.3	0.0
65°	27.7	21.1	15.3	9.7	5.2	2.6	0.0
62.5°	31.3	24.1	17.4	11.3	5.6	2.8	0.0
60°	34.9	27.1	19.5	12.8	6.1	3.0	0.0
57.5°	38.4	29.9	21.7	14.3	7.1	3.3	0.0
55°	41.9	32.7	23.9	15.8	8.0	3.5	0.0
52.5°	45.3	35.4	26.0	17.2	9.0	3.7	0.0
50°	48.6	38.1	28.1	18.6	9.9	3.9	0.0
47.5°	51.9	40.8	30.0	19.9	10.7	4.1	0.0
45°	55.3	43.4	31.9	21.3	11.5	4.3	0.0
42.5°	58.5	45.9	33.7	22.7	12.3	4.5	0.0
40°	61.5	48.3	35.5	23.9	13.0	4.7	0.0
37.5°	64.4	50.6	37.3	25.0	13.7	4.8	0.0
35°	67.1	52.9	39.0	26.1	14.4	5.0	0.0
32.5°	69.6	55.0	40.6	27.1	15.0	5.1	0.0
30°	72.0	56.9	42.2	28.1	15.5	5.3	0.0
27.5°	74.1	58.8	43.5	28.9	16.0	5.4	0.0
25°	76.0	60.4	44.8	29.7	16.5	5.5	0.0
22.5°	77.8	61.9	45.9	30.4	16.9	5.6	0.0
20°	79.3	63.1	46.9	31.0	17.3	5.7	0.0
17.5°	80.7	64.2	47.7	31.5	17.6	5.8	0.0
15°	82.0	65.1	48.5	32.0	17.8	5.9	0.0
12.5°	83.1	65.9	49.1	32.4	18.1	6.0	0.0
10°	84.0	66.5	49.6	32.7	18.2	6.0	0.0
7.5°	84.7	67.0	49.9	32.9	18.3	6.0	0.0
5°	85.2	67.2	50.1	33.0	18.4	6.1	0.0
2.5°	85.5	67.4	50.2	33.0	18.4	6.1	0.0
0°	85.6	67.3	50.2	33.0	18.4	6.1	0.0
-2.5°	85.5	67.4	50.2	33.0	18.4	6.1	0.0
-5°	85.2	67.2	50.1	33.0	18.4	6.1	0.0
-7.5°	84.7	67.0	49.9	32.9	18.3	6.0	0.0
-10°	84.0	66.5	49.6	32.7	18.2	6.0	0.0
-12.5°	83.1	65.9	49.1	32.4	18.1	6.0	0.0
-15°	82.0	65.1	48.5	32.0	17.8	5.9	0.0
-17.5°	80.7	64.2	47.7	31.5	17.6	5.8	0.0
-20°	79.3	63.1	46.9	31.0	17.3	5.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.8	61.9	45.9	30.4	16.9	5.6	0.0
-25°	76.0	60.4	44.8	29.7	16.5	5.5	0.0
-27.5°	74.1	58.8	43.5	28.9	16.0	5.4	0.0
-30°	72.0	56.9	42.2	28.1	15.5	5.3	0.0
-32.5°	69.6	55.0	40.6	27.1	15.0	5.1	0.0
-35°	67.1	52.9	39.0	26.1	14.4	5.0	0.0
-37.5°	64.4	50.6	37.3	25.0	13.7	4.8	0.0
-40°	61.5	48.3	35.5	23.9	13.0	4.7	0.0
-42.5°	58.5	45.9	33.7	22.7	12.3	4.5	0.0
-45°	55.3	43.4	31.9	21.3	11.5	4.3	0.0
-47.5°	51.9	40.8	30.0	19.9	10.7	4.1	0.0
-50°	48.6	38.1	28.1	18.6	9.9	3.9	0.0
-52.5°	45.3	35.4	26.0	17.2	9.0	3.7	0.0
-55°	41.9	32.7	23.9	15.8	8.0	3.5	0.0
-57.5°	38.4	29.9	21.7	14.3	7.1	3.3	0.0
-60°	34.9	27.1	19.5	12.8	6.1	3.0	0.0
-62.5°	31.3	24.1	17.4	11.3	5.6	2.8	0.0
-65°	27.7	21.1	15.3	9.7	5.2	2.6	0.0
-67.5°	23.9	18.3	13.2	8.1	4.7	2.3	0.0
-70°	20.1	15.5	11.0	6.4	4.2	2.1	0.0
-72.5°	16.7	12.8	8.8	5.5	3.7	1.8	0.0
-75°	13.3	9.9	6.5	4.7	3.2	1.6	0.0
-77.5°	9.9	7.1	5.3	4.0	2.6	1.3	0.0
-80°	6.5	5.3	4.2	3.2	2.1	1.1	0.0
-82.5°	4.7	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.6	2.1	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)