

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: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1D-730-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N19  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

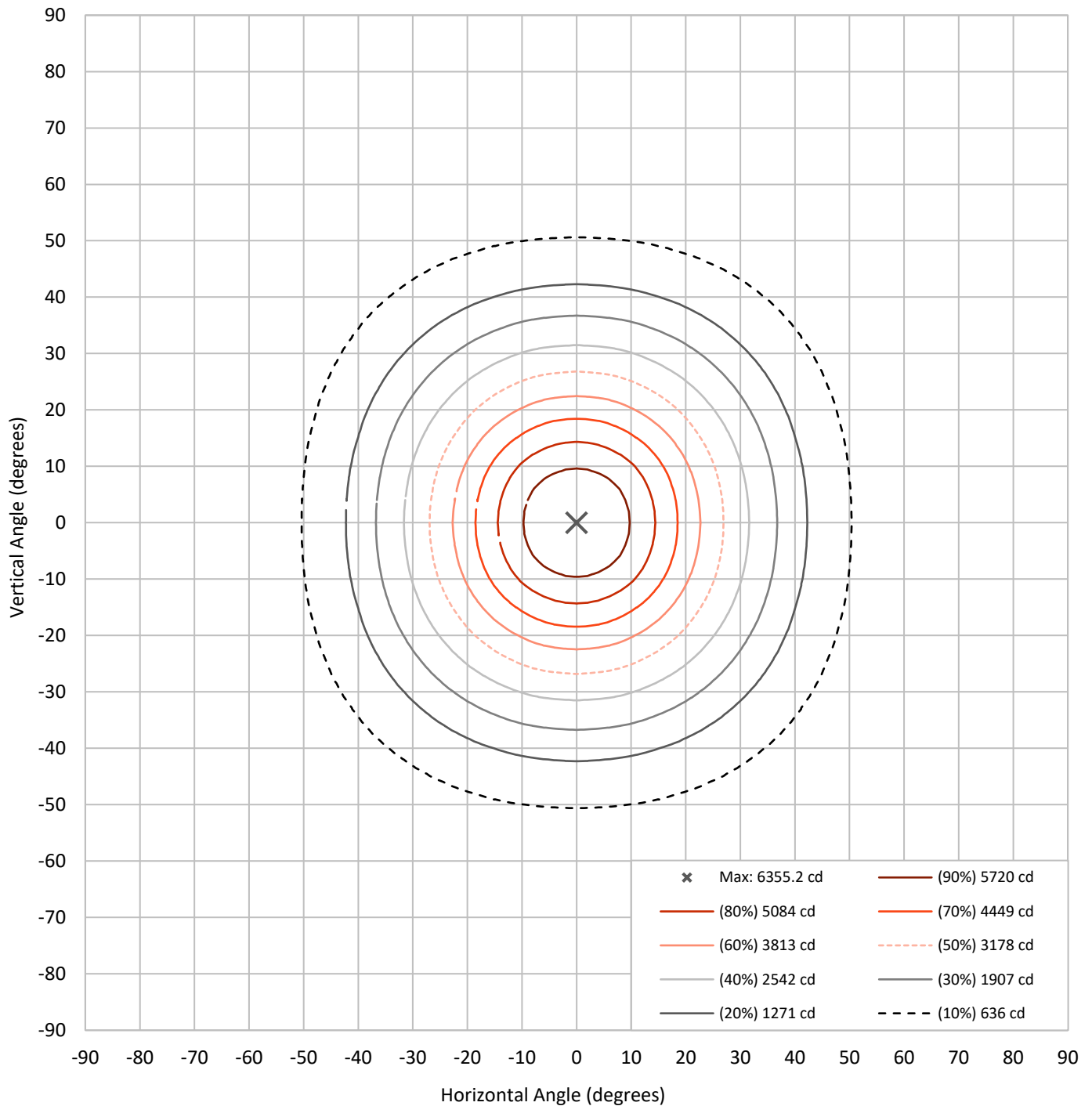
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6468.1 lumens	Max Intensity:	6355.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3092.6 lumens	Field Lumens:	5708.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	57.3		
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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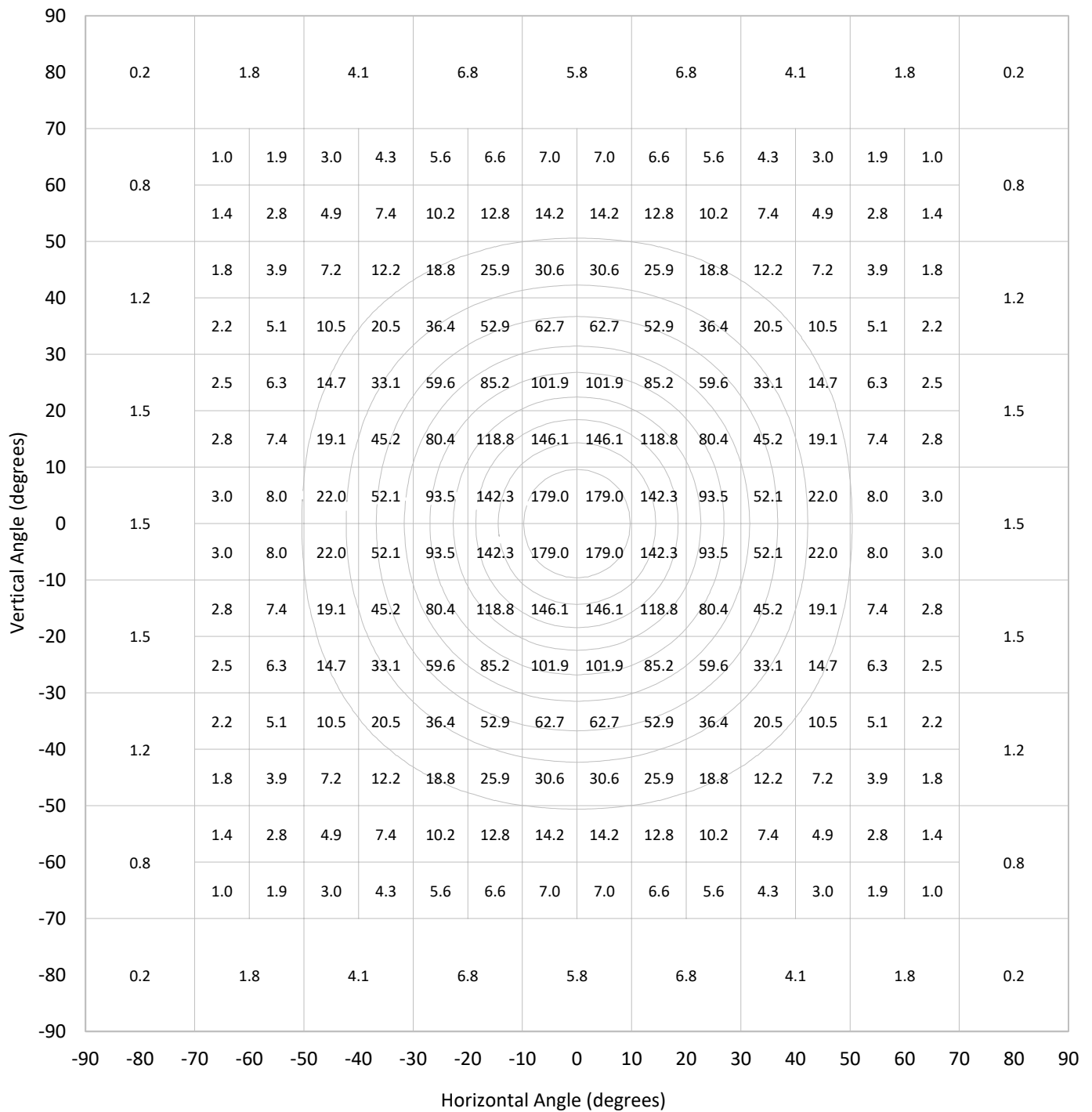
### Iso-Candela Plot





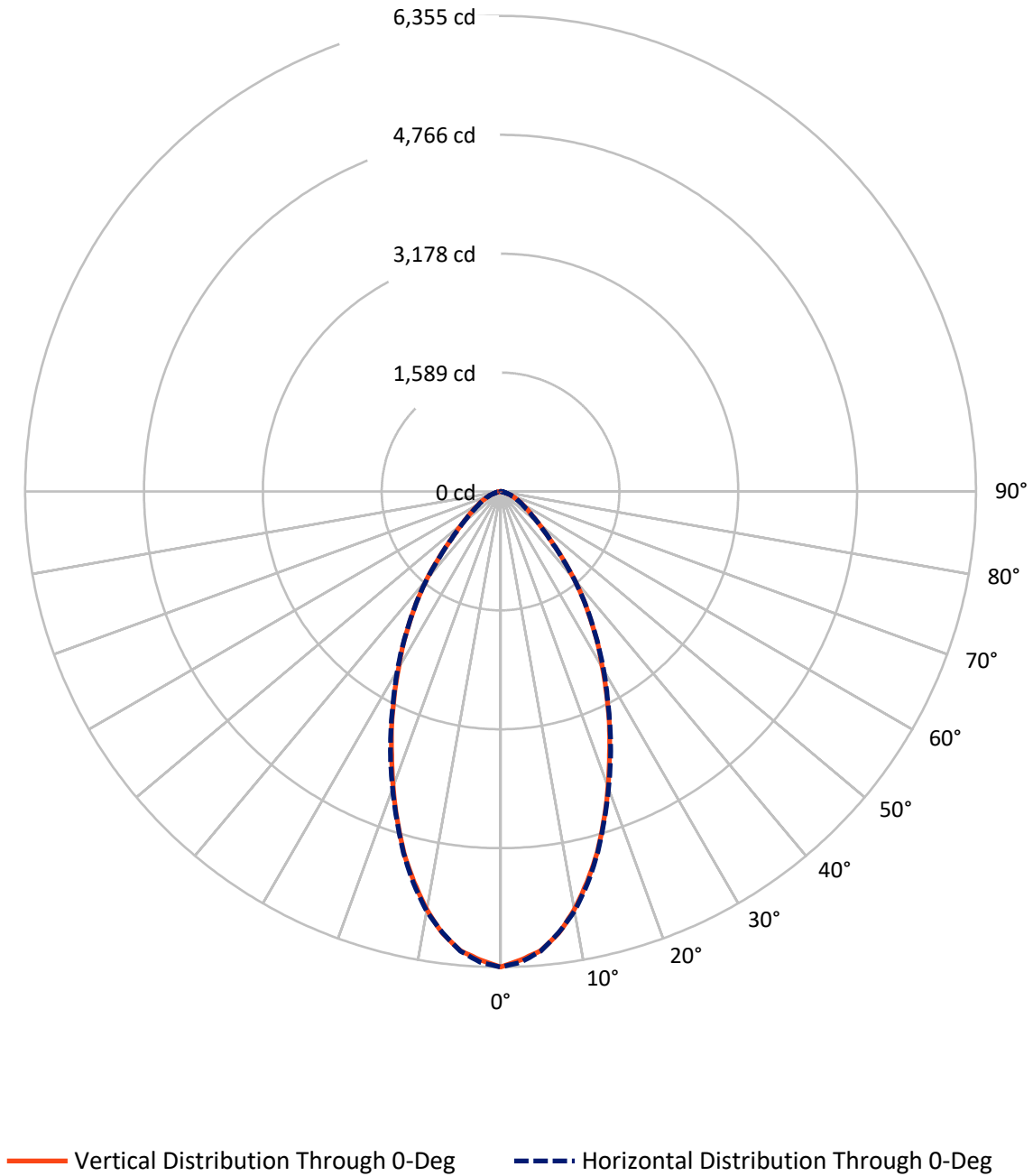
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### Lumen Table



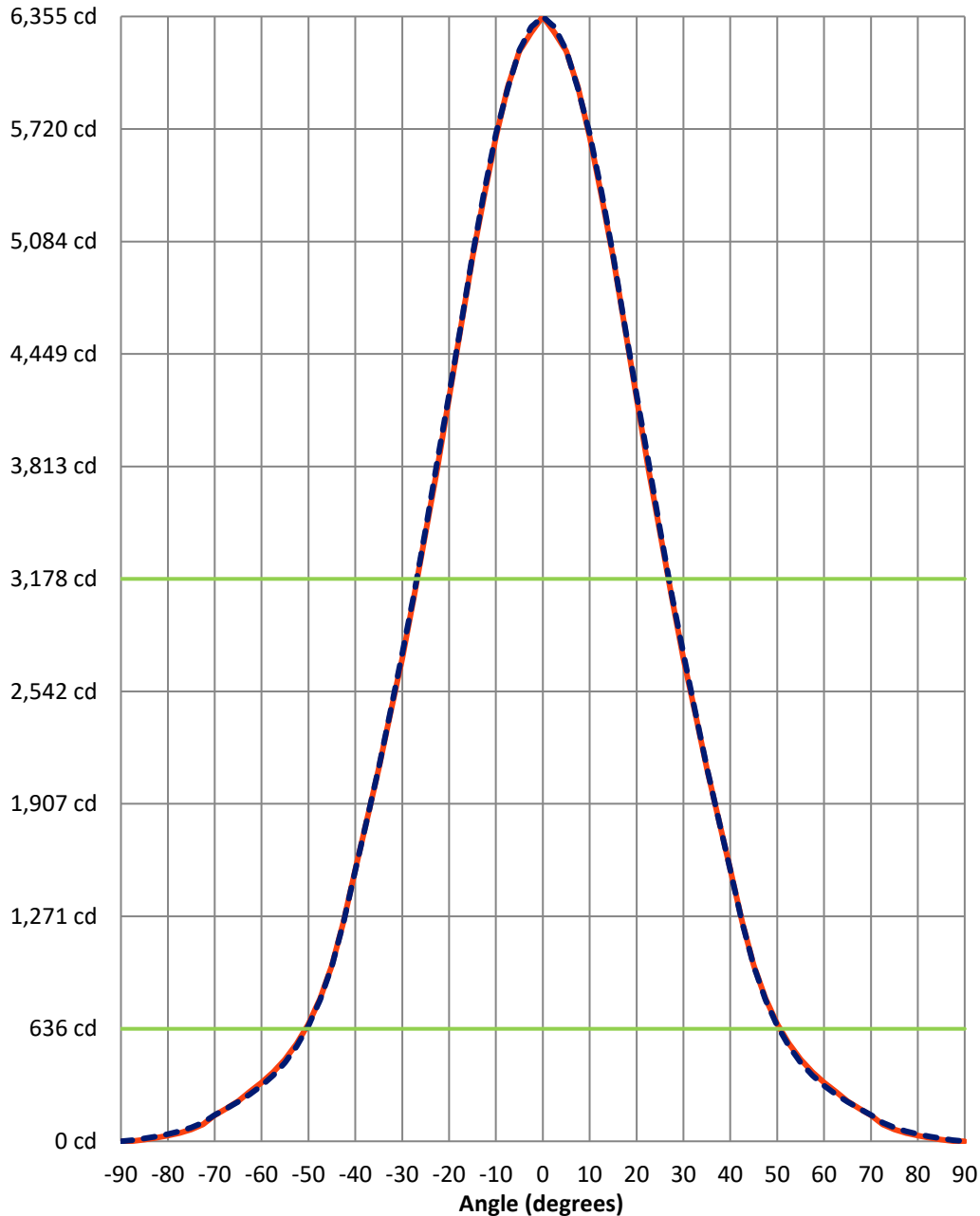
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 3092.6  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 5708.3  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 759.8  
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	0.7	1.2	1.8	2.4	3.0	3.3	3.6	3.8	4.0
85°	0.0	0.6	1.5	2.4	3.5	4.7	6.0	6.7	7.2	7.6	8.0
82.5°	0.0	1.0	2.2	3.6	5.2	7.0	9.0	10.0	11.1	12.8	14.3
80°	0.0	1.3	2.9	4.8	6.9	9.3	12.3	15.2	17.8	20.1	22.1
77.5°	0.0	1.6	3.7	6.0	8.6	12.1	17.5	21.3	24.5	27.4	30.2
75°	0.0	1.9	4.4	7.1	10.5	15.9	22.6	27.4	31.3	35.2	39.4
72.5°	0.0	2.2	5.0	8.3	13.0	19.5	27.5	33.4	38.0	43.0	48.4
70°	0.0	2.5	5.7	9.5	15.4	23.0	32.2	39.0	44.7	50.8	57.9
67.5°	0.0	2.8	6.4	10.9	17.7	26.3	36.2	44.6	51.2	58.7	67.2
65°	0.0	3.1	7.0	12.3	19.9	29.4	40.1	50.0	57.6	66.4	76.1
62.5°	0.0	3.4	7.6	13.7	22.0	32.1	43.7	55.1	63.8	73.7	84.3
60°	0.0	3.6	8.2	14.9	23.9	34.8	47.1	60.0	69.6	80.8	92.3
57.5°	0.0	3.9	8.9	16.1	25.7	37.2	50.2	64.3	75.6	87.7	99.7
55°	0.0	4.1	9.6	17.2	27.4	39.4	53.0	67.8	81.4	94.3	106.8
52.5°	0.0	4.4	10.3	18.2	28.9	41.5	55.6	71.6	87.0	100.6	113.7
50°	0.0	4.6	10.9	19.1	30.3	43.4	58.0	75.1	92.4	106.7	121.3
47.5°	0.0	4.8	11.5	19.9	31.5	45.1	60.2	78.4	97.7	112.6	128.7
45°	0.0	5.0	12.1	20.7	32.6	46.6	62.7	81.3	101.5	119.1	135.9
42.5°	0.0	5.2	12.6	21.5	33.6	47.9	64.9	84.2	105.0	125.3	143.3
40°	0.0	5.4	13.1	22.2	34.4	49.0	66.8	86.9	108.4	131.1	150.5
37.5°	0.0	5.5	13.6	23.0	35.2	49.9	68.4	89.4	112.2	135.6	157.3
35°	0.0	5.7	14.1	23.8	35.8	51.0	69.8	91.7	115.9	140.7	164.3
32.5°	0.0	5.8	14.5	24.4	36.3	51.9	71.0	93.6	119.3	145.8	171.5
30°	0.0	5.9	14.8	25.0	36.6	52.7	72.4	95.5	122.6	150.9	178.2
27.5°	0.0	6.0	15.2	25.5	37.4	53.2	73.6	97.9	126.0	156.1	184.6
25°	0.0	6.1	15.4	26.0	38.2	53.5	74.5	100.0	129.8	161.1	190.5
22.5°	0.0	6.2	15.7	26.4	38.8	53.9	75.1	101.9	133.4	165.8	196.9
20°	0.0	6.3	15.9	26.7	39.4	54.9	75.5	103.5	136.9	170.0	202.7
17.5°	0.0	6.3	16.1	27.0	39.9	55.7	76.3	104.8	140.0	173.7	207.8
15°	0.0	6.4	16.2	27.2	40.2	56.3	77.3	106.0	142.8	176.8	212.1
12.5°	0.0	6.4	16.3	27.3	40.5	56.8	78.1	107.0	145.2	179.5	215.8
10°	0.0	6.4	16.4	27.3	40.7	57.1	78.5	107.7	147.1	181.7	218.7
7.5°	0.0	6.4	16.4	27.3	40.8	57.2	78.7	107.8	148.4	183.4	221.0
5°	0.0	6.4	16.4	27.2	40.8	57.2	78.6	107.5	149.2	184.6	222.5
2.5°	0.0	6.3	16.3	27.1	40.6	57.0	78.3	106.7	149.3	185.1	223.2
0°	0.0	6.3	16.2	26.9	40.4	56.6	77.7	105.6	148.7	185.1	223.2
-2.5°	0.0	6.3	16.3	27.1	40.6	57.0	78.3	106.7	149.3	185.1	223.2
-5°	0.0	6.4	16.4	27.2	40.8	57.2	78.6	107.5	149.2	184.6	222.5
-7.5°	0.0	6.4	16.4	27.3	40.8	57.2	78.7	107.8	148.4	183.4	221.0
-10°	0.0	6.4	16.4	27.3	40.7	57.1	78.5	107.7	147.1	181.7	218.7
-12.5°	0.0	6.4	16.3	27.3	40.5	56.8	78.1	107.0	145.2	179.5	215.8
-15°	0.0	6.4	16.2	27.2	40.2	56.3	77.3	106.0	142.8	176.8	212.1
-17.5°	0.0	6.3	16.1	27.0	39.9	55.7	76.3	104.8	140.0	173.7	207.8
-20°	0.0	6.3	15.9	26.7	39.4	54.9	75.5	103.5	136.9	170.0	202.7

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.2	15.7	26.4	38.8	53.9	75.1	101.9	133.4	165.8	196.9
-25°	0.0	6.1	15.4	26.0	38.2	53.5	74.5	100.0	129.8	161.1	190.5
-27.5°	0.0	6.0	15.2	25.5	37.4	53.2	73.6	97.9	126.0	156.1	184.6
-30°	0.0	5.9	14.8	25.0	36.6	52.7	72.4	95.5	122.6	150.9	178.2
-32.5°	0.0	5.8	14.5	24.4	36.3	51.9	71.0	93.6	119.3	145.8	171.5
-35°	0.0	5.7	14.1	23.8	35.8	51.0	69.8	91.7	115.9	140.7	164.3
-37.5°	0.0	5.5	13.6	23.0	35.2	49.9	68.4	89.4	112.2	135.6	157.3
-40°	0.0	5.4	13.1	22.2	34.4	49.0	66.8	86.9	108.4	131.1	150.5
-42.5°	0.0	5.2	12.6	21.5	33.6	47.9	64.9	84.2	105.0	125.3	143.3
-45°	0.0	5.0	12.1	20.7	32.6	46.6	62.7	81.3	101.5	119.1	135.9
-47.5°	0.0	4.8	11.5	19.9	31.5	45.1	60.2	78.4	97.7	112.6	128.7
-50°	0.0	4.6	10.9	19.1	30.3	43.4	58.0	75.1	92.4	106.7	121.3
-52.5°	0.0	4.4	10.3	18.2	28.9	41.5	55.6	71.6	87.0	100.6	113.7
-55°	0.0	4.1	9.6	17.2	27.4	39.4	53.0	67.8	81.4	94.3	106.8
-57.5°	0.0	3.9	8.9	16.1	25.7	37.2	50.2	64.3	75.6	87.7	99.7
-60°	0.0	3.6	8.2	14.9	23.9	34.8	47.1	60.0	69.6	80.8	92.3
-62.5°	0.0	3.4	7.6	13.7	22.0	32.1	43.7	55.1	63.8	73.7	84.3
-65°	0.0	3.1	7.0	12.3	19.9	29.4	40.1	50.0	57.6	66.4	76.1
-67.5°	0.0	2.8	6.4	10.9	17.7	26.3	36.2	44.6	51.2	58.7	67.2
-70°	0.0	2.5	5.7	9.5	15.4	23.0	32.2	39.0	44.7	50.8	57.9
-72.5°	0.0	2.2	5.0	8.3	13.0	19.5	27.5	33.4	38.0	43.0	48.4
-75°	0.0	1.9	4.4	7.1	10.5	15.9	22.6	27.4	31.3	35.2	39.4
-77.5°	0.0	1.6	3.7	6.0	8.6	12.1	17.5	21.3	24.5	27.4	30.2
-80°	0.0	1.3	2.9	4.8	6.9	9.3	12.3	15.2	17.8	20.1	22.1
-82.5°	0.0	1.0	2.2	3.6	5.2	7.0	9.0	10.0	11.1	12.8	14.3
-85°	0.0	0.6	1.5	2.4	3.5	4.7	6.0	6.7	7.2	7.6	8.0
-87.5°	0.0	0.3	0.7	1.2	1.8	2.4	3.0	3.3	3.6	3.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-WR-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°	4.0	4.0	4.0	3.8	3.7	3.4	3.2	2.8	2.9	3.1	3.2
85°	8.1	8.1	8.7	9.4	9.7	9.7	9.5	9.1	10.3	11.7	13.1
82.5°	15.8	17.2	18.5	19.7	19.8	19.5	18.9	18.2	20.6	23.5	26.6
80°	24.2	26.2	28.6	30.8	31.3	31.1	30.4	29.3	32.4	36.9	41.8
77.5°	33.6	36.9	39.9	42.6	43.4	43.3	42.8	41.9	45.9	52.1	58.5
75°	43.6	47.5	51.3	54.7	56.1	56.3	56.1	57.0	62.3	69.6	76.0
72.5°	53.9	58.9	63.2	66.9	69.3	71.0	73.4	76.3	81.6	88.8	95.0
70°	64.9	70.3	74.9	79.0	82.6	86.5	91.5	96.4	102.1	109.2	115.7
67.5°	75.6	81.2	86.3	91.4	97.9	104.2	110.3	116.8	123.9	131.3	137.9
65°	85.6	91.9	98.2	105.6	114.0	121.1	128.7	137.1	146.4	154.8	162.4
62.5°	95.2	102.3	110.1	119.0	128.2	137.0	147.2	158.0	168.8	179.4	189.9
60°	103.3	112.1	121.6	131.7	142.2	154.2	166.2	179.0	192.1	204.8	217.7
57.5°	111.1	122.0	132.9	144.7	157.8	171.6	186.0	200.4	215.9	231.3	246.0
55°	119.2	132.0	144.5	158.4	173.4	189.6	205.9	223.3	240.5	259.8	277.7
52.5°	127.8	141.8	156.4	172.3	189.9	208.1	227.2	247.2	268.6	290.1	312.0
50°	136.2	152.0	168.3	187.3	207.0	227.8	249.8	273.1	298.0	322.9	349.4
47.5°	145.0	161.9	181.7	202.4	225.0	248.6	273.5	301.3	329.0	360.4	390.7
45°	153.7	173.1	194.7	218.7	243.4	270.0	299.7	330.2	365.5	401.0	440.8
42.5°	162.0	184.4	208.7	234.4	262.5	293.1	326.0	364.4	404.2	448.1	494.8
40°	171.6	195.2	222.6	251.3	281.8	316.8	356.3	398.9	447.5	499.5	552.6
37.5°	180.9	207.4	236.3	267.4	302.8	342.3	385.9	438.1	494.2	553.3	625.5
35°	189.6	219.0	250.4	284.5	322.9	368.5	420.7	478.4	543.1	619.2	703.5
32.5°	198.8	230.0	263.7	302.0	345.4	395.3	454.6	522.5	598.9	685.7	791.2
30°	208.2	241.3	276.9	318.3	366.6	424.4	491.7	566.8	654.7	763.6	887.4
27.5°	216.8	251.9	290.9	335.7	387.3	451.2	527.4	615.4	719.1	842.0	986.6
25°	224.8	261.5	303.8	352.2	410.1	480.2	562.8	660.3	783.4	930.0	1107.9
22.5°	232.3	270.3	315.4	367.0	430.6	508.2	601.3	712.8	848.9	1013.4	1226.8
20°	239.4	279.8	326.9	381.2	449.0	533.6	636.6	761.7	916.6	1111.5	1343.3
17.5°	245.6	288.1	337.8	396.6	469.5	559.3	669.9	805.0	977.0	1199.0	1450.8
15°	251.0	295.4	347.2	409.9	487.9	584.9	704.9	852.4	1039.9	1278.6	1545.2
12.5°	255.4	301.4	355.2	421.1	503.3	606.5	734.7	894.7	1101.2	1353.6	1628.1
10°	259.0	306.2	361.5	430.1	515.8	624.0	759.3	929.2	1152.2	1417.9	1698.2
7.5°	262.0	310.0	366.4	437.0	525.2	637.5	778.4	955.9	1192.0	1468.7	1752.0
5°	264.1	312.7	370.1	441.8	532.1	646.8	791.8	974.5	1220.4	1505.6	1788.8
2.5°	265.3	314.2	372.3	444.4	536.4	652.1	798.9	986.2	1235.9	1526.7	1811.0
0°	265.5	314.4	372.8	444.7	537.6	653.1	800.0	989.9	1239.2	1532.1	1819.1
-2.5°	265.3	314.2	372.3	444.4	536.4	652.1	798.9	986.2	1235.9	1526.7	1811.0
-5°	264.1	312.7	370.1	441.8	532.1	646.8	791.8	974.5	1220.4	1505.6	1788.8
-7.5°	262.0	310.0	366.4	437.0	525.2	637.5	778.4	955.9	1192.0	1468.7	1752.0
-10°	259.0	306.2	361.5	430.1	515.8	624.0	759.3	929.2	1152.2	1417.9	1698.2
-12.5°	255.4	301.4	355.2	421.1	503.3	606.5	734.7	894.7	1101.2	1353.6	1628.1
-15°	251.0	295.4	347.2	409.9	487.9	584.9	704.9	852.4	1039.9	1278.6	1545.2
-17.5°	245.6	288.1	337.8	396.6	469.5	559.3	669.9	805.0	977.0	1199.0	1450.8
-20°	239.4	279.8	326.9	381.2	449.0	533.6	636.6	761.7	916.6	1111.5	1343.3

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	232.3	270.3	315.4	367.0	430.6	508.2	601.3	712.8	848.9	1013.4	1226.8
-25°	224.8	261.5	303.8	352.2	410.1	480.2	562.8	660.3	783.4	930.0	1107.9
-27.5°	216.8	251.9	290.9	335.7	387.3	451.2	527.4	615.4	719.1	842.0	986.6
-30°	208.2	241.3	276.9	318.3	366.6	424.4	491.7	566.8	654.7	763.6	887.4
-32.5°	198.8	230.0	263.7	302.0	345.4	395.3	454.6	522.5	598.9	685.7	791.2
-35°	189.6	219.0	250.4	284.5	322.9	368.5	420.7	478.4	543.1	619.2	703.5
-37.5°	180.9	207.4	236.3	267.4	302.8	342.3	385.9	438.1	494.2	553.3	625.5
-40°	171.6	195.2	222.6	251.3	281.8	316.8	356.3	398.9	447.5	499.5	552.6
-42.5°	162.0	184.4	208.7	234.4	262.5	293.1	326.0	364.4	404.2	448.1	494.8
-45°	153.7	173.1	194.7	218.7	243.4	270.0	299.7	330.2	365.5	401.0	440.8
-47.5°	145.0	161.9	181.7	202.4	225.0	248.6	273.5	301.3	329.0	360.4	390.7
-50°	136.2	152.0	168.3	187.3	207.0	227.8	249.8	273.1	298.0	322.9	349.4
-52.5°	127.8	141.8	156.4	172.3	189.9	208.1	227.2	247.2	268.6	290.1	312.0
-55°	119.2	132.0	144.5	158.4	173.4	189.6	205.9	223.3	240.5	259.8	277.7
-57.5°	111.1	122.0	132.9	144.7	157.8	171.6	186.0	200.4	215.9	231.3	246.0
-60°	103.3	112.1	121.6	131.7	142.2	154.2	166.2	179.0	192.1	204.8	217.7
-62.5°	95.2	102.3	110.1	119.0	128.2	137.0	147.2	158.0	168.8	179.4	189.9
-65°	85.6	91.9	98.2	105.6	114.0	121.1	128.7	137.1	146.4	154.8	162.4
-67.5°	75.6	81.2	86.3	91.4	97.9	104.2	110.3	116.8	123.9	131.3	137.9
-70°	64.9	70.3	74.9	79.0	82.6	86.5	91.5	96.4	102.1	109.2	115.7
-72.5°	53.9	58.9	63.2	66.9	69.3	71.0	73.4	76.3	81.6	88.8	95.0
-75°	43.6	47.5	51.3	54.7	56.1	56.3	56.1	57.0	62.3	69.6	76.0
-77.5°	33.6	36.9	39.9	42.6	43.4	43.3	42.8	41.9	45.9	52.1	58.5
-80°	24.2	26.2	28.6	30.8	31.3	31.1	30.4	29.3	32.4	36.9	41.8
-82.5°	15.8	17.2	18.5	19.7	19.8	19.5	18.9	18.2	20.6	23.5	26.6
-85°	8.1	8.1	8.7	9.4	9.7	9.7	9.5	9.1	10.3	11.7	13.1
-87.5°	4.0	4.0	4.0	3.8	3.7	3.4	3.2	2.8	2.9	3.1	3.2
-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: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-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°	3.3	3.2	3.1	3.0	2.8	2.8	2.7	2.7	2.6	2.4	2.2
85°	14.6	14.9	15.1	15.2	15.2	15.7	16.2	16.6	17.0	15.4	13.6
82.5°	29.7	31.1	32.3	33.5	34.7	35.6	36.2	36.7	37.0	33.4	29.5
80°	46.8	49.7	52.1	54.4	56.6	57.2	57.2	56.8	56.2	51.5	46.0
77.5°	65.0	68.8	71.9	74.9	77.9	78.9	79.5	79.9	80.1	74.2	66.9
75°	81.6	86.1	90.4	94.3	98.0	99.9	101.1	102.0	102.7	96.8	89.0
72.5°	100.5	105.3	109.9	114.3	118.1	120.7	122.4	123.8	124.9	121.5	116.6
70°	121.3	126.2	131.1	135.7	140.0	143.5	146.2	148.6	150.5	150.9	150.7
67.5°	144.3	150.2	156.0	161.0	166.2	171.0	175.3	178.9	181.7	183.6	184.7
65°	170.2	179.1	187.0	193.8	199.4	205.8	211.6	215.9	219.0	221.4	223.4
62.5°	200.8	211.6	220.6	229.5	238.7	247.7	253.3	258.9	264.4	269.6	274.1
60°	230.1	241.9	254.2	265.6	276.2	285.9	296.0	304.9	312.7	319.2	324.1
57.5°	261.4	275.8	289.7	304.2	317.9	330.6	343.0	354.5	364.4	372.8	379.6
55°	295.4	313.0	329.5	347.9	365.7	382.0	397.0	412.4	426.2	438.4	448.0
52.5°	332.0	354.9	376.8	398.4	421.5	442.4	461.1	482.4	501.2	516.8	529.0
50°	375.7	402.6	431.5	458.3	487.5	516.2	542.7	568.4	593.4	615.2	632.7
47.5°	425.5	458.6	494.5	530.0	566.2	605.4	640.5	673.0	708.1	738.5	762.9
45°	480.9	523.1	566.4	616.2	662.2	712.6	759.3	801.2	850.9	894.8	930.1
42.5°	542.3	598.5	655.4	718.2	779.2	843.3	911.3	971.6	1037.6	1100.4	1151.3
40°	618.4	685.5	761.8	837.9	925.4	1007.6	1106.7	1196.7	1278.5	1353.5	1414.9
37.5°	703.0	789.4	885.2	984.3	1104.1	1221.5	1337.4	1446.9	1543.6	1625.7	1694.5
35°	799.0	908.8	1024.9	1169.5	1309.8	1450.4	1581.4	1701.1	1806.2	1898.8	1977.5
32.5°	909.5	1041.3	1203.7	1366.2	1526.3	1681.1	1824.9	1955.4	2070.7	2174.6	2265.2
30°	1025.5	1205.4	1387.7	1566.0	1740.8	1910.4	2068.2	2212.0	2342.2	2458.0	2562.3
27.5°	1173.1	1372.4	1571.2	1763.4	1955.7	2141.3	2312.3	2472.0	2621.5	2752.4	2871.6
25°	1315.8	1536.0	1747.3	1956.9	2166.2	2365.5	2556.7	2737.1	2908.3	3058.4	3191.6
22.5°	1458.5	1689.0	1914.8	2140.1	2365.0	2587.1	2801.9	3008.5	3200.0	3370.9	3520.8
20°	1590.7	1831.6	2073.1	2316.0	2559.7	2802.9	3044.1	3276.7	3490.0	3687.3	3860.8
17.5°	1709.2	1965.4	2221.4	2481.2	2745.5	3009.5	3277.4	3538.1	3782.0	4006.5	4207.8
15°	1814.1	2081.5	2356.5	2636.8	2920.6	3207.2	3499.6	3791.3	4065.8	4320.9	4545.5
12.5°	1905.9	2183.8	2472.0	2769.9	3077.9	3390.2	3709.3	4029.0	4332.9	4627.4	4869.9
10°	1981.6	2270.8	2572.1	2885.0	3209.9	3546.0	3888.3	4232.5	4567.3	4879.7	5157.0
7.5°	2040.0	2340.1	2650.5	2976.1	3316.8	3671.3	4033.9	4399.2	4756.4	5093.1	5400.0
5°	2081.2	2390.6	2704.9	3043.5	3396.1	3763.4	4140.3	4520.9	4894.5	5248.4	5566.4
2.5°	2105.2	2420.9	2736.5	3084.5	3443.3	3819.2	4206.3	4593.2	4976.5	5343.6	5670.5
0°	<b>2111.5</b>	<b>2430.0</b>	<b>2754.7</b>	<b>3088.9</b>	<b>3458.1</b>	<b>3845.3</b>	<b>4218.5</b>	<b>4606.6</b>	<b>5005.0</b>	<b>5367.0</b>	<b>5692.7</b>
-2.5°	2105.2	2420.9	2736.5	3084.5	3443.3	3819.2	4206.3	4593.2	4976.5	5343.6	5670.5
-5°	2081.2	2390.6	2704.9	3043.5	3396.1	3763.4	4140.3	4520.9	4894.5	5248.4	5566.4
-7.5°	2040.0	2340.1	2650.5	2976.1	3316.8	3671.3	4033.9	4399.2	4756.4	5093.1	5400.0
-10°	1981.6	2270.8	2572.1	2885.0	3209.9	3546.0	3888.3	4232.5	4567.3	4879.7	5157.0
-12.5°	1905.9	2183.8	2472.0	2769.9	3077.9	3390.2	3709.3	4029.0	4332.9	4627.4	4869.9
-15°	1814.1	2081.5	2356.5	2636.8	2920.6	3207.2	3499.6	3791.3	4065.8	4320.9	4545.5
-17.5°	1709.2	1965.4	2221.4	2481.2	2745.5	3009.5	3277.4	3538.1	3782.0	4006.5	4207.8
-20°	1590.7	1831.6	2073.1	2316.0	2559.7	2802.9	3044.1	3276.7	3490.0	3687.3	3860.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1458.5	1689.0	1914.8	2140.1	2365.0	2587.1	2801.9	3008.5	3200.0	3370.9	3520.8
-25°	1315.8	1536.0	1747.3	1956.9	2166.2	2365.5	2556.7	2737.1	2908.3	3058.4	3191.6
-27.5°	1173.1	1372.4	1571.2	1763.4	1955.7	2141.3	2312.3	2472.0	2621.5	2752.4	2871.6
-30°	1025.5	1205.4	1387.7	1566.0	1740.8	1910.4	2068.2	2212.0	2342.2	2458.0	2562.3
-32.5°	909.5	1041.3	1203.7	1366.2	1526.3	1681.1	1824.9	1955.4	2070.7	2174.6	2265.2
-35°	799.0	908.8	1024.9	1169.5	1309.8	1450.4	1581.4	1701.1	1806.2	1898.8	1977.5
-37.5°	703.0	789.4	885.2	984.3	1104.1	1221.5	1337.4	1446.9	1543.6	1625.7	1694.5
-40°	618.4	685.5	761.8	837.9	925.4	1007.6	1106.7	1196.7	1278.5	1353.5	1414.9
-42.5°	542.3	598.5	655.4	718.2	779.2	843.3	911.3	971.6	1037.6	1100.4	1151.3
-45°	480.9	523.1	566.4	616.2	662.2	712.6	759.3	801.2	850.9	894.8	930.1
-47.5°	425.5	458.6	494.5	530.0	566.2	605.4	640.5	673.0	708.1	738.5	762.9
-50°	375.7	402.6	431.5	458.3	487.5	516.2	542.7	568.4	593.4	615.2	632.7
-52.5°	332.0	354.9	376.8	398.4	421.5	442.4	461.1	482.4	501.2	516.8	529.0
-55°	295.4	313.0	329.5	347.9	365.7	382.0	397.0	412.4	426.2	438.4	448.0
-57.5°	261.4	275.8	289.7	304.2	317.9	330.6	343.0	354.5	364.4	372.8	379.6
-60°	230.1	241.9	254.2	265.6	276.2	285.9	296.0	304.9	312.7	319.2	324.1
-62.5°	200.8	211.6	220.6	229.5	238.7	247.7	253.3	258.9	264.4	269.6	274.1
-65°	170.2	179.1	187.0	193.8	199.4	205.8	211.6	215.9	219.0	221.4	223.4
-67.5°	144.3	150.2	156.0	161.0	166.2	171.0	175.3	178.9	181.7	183.6	184.7
-70°	121.3	126.2	131.1	135.7	140.0	143.5	146.2	148.6	150.5	150.9	150.7
-72.5°	100.5	105.3	109.9	114.3	118.1	120.7	122.4	123.8	124.9	121.5	116.6
-75°	81.6	86.1	90.4	94.3	98.0	99.9	101.1	102.0	102.7	96.8	89.0
-77.5°	65.0	68.8	71.9	74.9	77.9	78.9	79.5	79.9	80.1	74.2	66.9
-80°	46.8	49.7	52.1	54.4	56.6	57.2	57.2	56.8	56.2	51.5	46.0
-82.5°	29.7	31.1	32.3	33.5	34.7	35.6	36.2	36.7	37.0	33.4	29.5
-85°	14.6	14.9	15.1	15.2	15.2	15.7	16.2	16.6	17.0	15.4	13.6
-87.5°	3.3	3.2	3.1	3.0	2.8	2.8	2.7	2.7	2.6	2.4	2.2
-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: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.8	1.5	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.7
85°	11.8	9.9	9.6	9.4	9.6	9.9	11.8	13.6	15.4	17.0	16.6
82.5°	25.4	21.0	20.4	19.8	20.4	21.0	25.4	29.5	33.4	37.0	36.7
80°	40.4	34.6	33.4	32.3	33.4	34.6	40.4	46.0	51.5	56.2	56.8
77.5°	59.3	51.3	48.9	46.7	48.9	51.3	59.3	66.9	74.2	80.1	79.9
75°	80.8	72.4	69.6	66.9	69.6	72.4	80.8	89.0	96.8	102.7	102.0
72.5°	111.7	106.5	101.4	95.7	101.4	106.5	111.7	116.6	121.5	124.9	123.8
70°	150.6	150.2	148.9	146.9	148.9	150.2	150.6	150.7	150.9	150.5	148.6
67.5°	185.1	185.0	185.4	185.5	185.4	185.0	185.1	184.7	183.6	181.7	178.9
65°	224.6	225.1	226.0	226.4	226.0	225.1	224.6	223.4	221.4	219.0	215.9
62.5°	277.5	279.8	280.9	280.7	280.9	279.8	277.5	274.1	269.6	264.4	258.9
60°	327.7	330.1	331.6	331.9	331.6	330.1	327.7	324.1	319.2	312.7	304.9
57.5°	385.0	388.8	390.9	391.2	390.9	388.8	385.0	379.6	372.8	364.4	354.5
55°	455.4	460.6	462.9	462.6	462.9	460.6	455.4	448.0	438.4	426.2	412.4
52.5°	538.2	544.5	549.2	552.0	549.2	544.5	538.2	529.0	516.8	501.2	482.4
50°	645.9	654.9	660.6	663.0	660.6	654.9	645.9	632.7	615.2	593.4	568.4
47.5°	780.5	792.5	801.4	807.6	801.4	792.5	780.5	762.9	738.5	708.1	673.0
45°	956.1	974.4	986.7	994.0	986.7	974.4	956.1	930.1	894.8	850.9	801.2
42.5°	1191.0	1219.3	1236.6	1243.3	1236.6	1219.3	1191.0	1151.3	1100.4	1037.6	971.6
40°	1463.5	1497.5	1519.8	1535.2	1519.8	1497.5	1463.5	1414.9	1353.5	1278.5	1196.7
37.5°	1747.3	1783.1	1804.8	1819.5	1804.8	1783.1	1747.3	1694.5	1625.7	1543.6	1446.9
35°	2036.9	2074.3	2094.7	2106.1	2094.7	2074.3	2036.9	1977.5	1898.8	1806.2	1701.1
32.5°	2334.2	2375.4	2397.5	2420.5	2397.5	2375.4	2334.2	2265.2	2174.6	2070.7	1955.4
30°	2644.7	2692.0	2715.2	2726.4	2715.2	2692.0	2644.7	2562.3	2458.0	2342.2	2212.0
27.5°	2967.8	3026.8	3055.8	3074.9	3055.8	3026.8	2967.8	2871.6	2752.4	2621.5	2472.0
25°	3304.0	3377.1	3410.3	3440.1	3410.3	3377.1	3304.0	3191.6	3058.4	2908.3	2737.1
22.5°	3652.8	3743.8	3782.3	3803.5	3782.3	3743.8	3652.8	3520.8	3370.9	3200.0	3008.5
20°	4010.7	4119.4	4173.0	4200.5	4173.0	4119.4	4010.7	3860.8	3687.3	3490.0	3276.7
17.5°	4376.8	4512.0	4581.3	4597.2	4581.3	4512.0	4376.8	4207.8	4006.5	3782.0	3538.1
15°	4736.1	4882.3	4964.2	4994.2	4964.2	4882.3	4736.1	4545.5	4320.9	4065.8	3791.3
12.5°	5076.3	5228.0	5325.8	5343.2	5325.8	5228.0	5076.3	4869.9	4627.4	4332.9	4029.0
10°	5384.9	5542.0	5650.1	5674.7	5650.1	5542.0	5384.9	5157.0	4879.7	4567.3	4232.5
7.5°	5642.9	5815.2	5934.7	5955.4	5934.7	5815.2	5642.9	5400.0	5093.1	4756.4	4399.2
5°	5831.6	6036.3	6134.3	6158.9	6134.3	6036.3	5831.6	5566.4	5248.4	4894.5	4520.9
2.5°	5935.2	6143.5	6279.8	6264.0	6279.8	6143.5	5935.2	5670.5	5343.6	4976.5	4593.2
0°	5946.9	6164.7	6295.0	6355.2	6295.0	6164.7	5946.9	5692.7	5367.0	5005.0	4606.6
-2.5°	5935.2	6143.5	6279.8	6264.0	6279.8	6143.5	5935.2	5670.5	5343.6	4976.5	4593.2
-5°	5831.6	6036.3	6134.3	6158.9	6134.3	6036.3	5831.6	5566.4	5248.4	4894.5	4520.9
-7.5°	5642.9	5815.2	5934.7	5955.4	5934.7	5815.2	5642.9	5400.0	5093.1	4756.4	4399.2
-10°	5384.9	5542.0	5650.1	5674.7	5650.1	5542.0	5384.9	5157.0	4879.7	4567.3	4232.5
-12.5°	5076.3	5228.0	5325.8	5343.2	5325.8	5228.0	5076.3	4869.9	4627.4	4332.9	4029.0
-15°	4736.1	4882.3	4964.2	4994.2	4964.2	4882.3	4736.1	4545.5	4320.9	4065.8	3791.3
-17.5°	4376.8	4512.0	4581.3	4597.2	4581.3	4512.0	4376.8	4207.8	4006.5	3782.0	3538.1
-20°	4010.7	4119.4	4173.0	4200.5	4173.0	4119.4	4010.7	3860.8	3687.3	3490.0	3276.7



REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3652.8	3743.8	3782.3	3803.5	3782.3	3743.8	3652.8	3520.8	3370.9	3200.0	3008.5
-25°	3304.0	3377.1	3410.3	3440.1	3410.3	3377.1	3304.0	3191.6	3058.4	2908.3	2737.1
-27.5°	2967.8	3026.8	3055.8	3074.9	3055.8	3026.8	2967.8	2871.6	2752.4	2621.5	2472.0
-30°	2644.7	2692.0	2715.2	2726.4	2715.2	2692.0	2644.7	2562.3	2458.0	2342.2	2212.0
-32.5°	2334.2	2375.4	2397.5	2420.5	2397.5	2375.4	2334.2	2265.2	2174.6	2070.7	1955.4
-35°	2036.9	2074.3	2094.7	2106.1	2094.7	2074.3	2036.9	1977.5	1898.8	1806.2	1701.1
-37.5°	1747.3	1783.1	1804.8	1819.5	1804.8	1783.1	1747.3	1694.5	1625.7	1543.6	1446.9
-40°	1463.5	1497.5	1519.8	1535.2	1519.8	1497.5	1463.5	1414.9	1353.5	1278.5	1196.7
-42.5°	1191.0	1219.3	1236.6	1243.3	1236.6	1219.3	1191.0	1151.3	1100.4	1037.6	971.6
-45°	956.1	974.4	986.7	994.0	986.7	974.4	956.1	930.1	894.8	850.9	801.2
-47.5°	780.5	792.5	801.4	807.6	801.4	792.5	780.5	762.9	738.5	708.1	673.0
-50°	645.9	654.9	660.6	663.0	660.6	654.9	645.9	632.7	615.2	593.4	568.4
-52.5°	538.2	544.5	549.2	552.0	549.2	544.5	538.2	529.0	516.8	501.2	482.4
-55°	455.4	460.6	462.9	462.6	462.9	460.6	455.4	448.0	438.4	426.2	412.4
-57.5°	385.0	388.8	390.9	391.2	390.9	388.8	385.0	379.6	372.8	364.4	354.5
-60°	327.7	330.1	331.6	331.9	331.6	330.1	327.7	324.1	319.2	312.7	304.9
-62.5°	277.5	279.8	280.9	280.7	280.9	279.8	277.5	274.1	269.6	264.4	258.9
-65°	224.6	225.1	226.0	226.4	226.0	225.1	224.6	223.4	221.4	219.0	215.9
-67.5°	185.1	185.0	185.4	185.5	185.4	185.0	185.1	184.7	183.6	181.7	178.9
-70°	150.6	150.2	148.9	146.9	148.9	150.2	150.6	150.7	150.9	150.5	148.6
-72.5°	111.7	106.5	101.4	95.7	101.4	106.5	111.7	116.6	121.5	124.9	123.8
-75°	80.8	72.4	69.6	66.9	69.6	72.4	80.8	89.0	96.8	102.7	102.0
-77.5°	59.3	51.3	48.9	46.7	48.9	51.3	59.3	66.9	74.2	80.1	79.9
-80°	40.4	34.6	33.4	32.3	33.4	34.6	40.4	46.0	51.5	56.2	56.8
-82.5°	25.4	21.0	20.4	19.8	20.4	21.0	25.4	29.5	33.4	37.0	36.7
-85°	11.8	9.9	9.6	9.4	9.6	9.9	11.8	13.6	15.4	17.0	16.6
-87.5°	2.0	1.8	1.5	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.8	2.8	3.0	3.1	3.2	3.3	3.2	3.1	2.9	2.8
85°	16.2	15.7	15.2	15.2	15.1	14.9	14.6	13.1	11.7	10.3	9.1
82.5°	36.2	35.6	34.7	33.5	32.3	31.1	29.7	26.6	23.5	20.6	18.2
80°	57.2	57.2	56.6	54.4	52.1	49.7	46.8	41.8	36.9	32.4	29.3
77.5°	79.5	78.9	77.9	74.9	71.9	68.8	65.0	58.5	52.1	45.9	41.9
75°	101.1	99.9	98.0	94.3	90.4	86.1	81.6	76.0	69.6	62.3	57.0
72.5°	122.4	120.7	118.1	114.3	109.9	105.3	100.5	95.0	88.8	81.6	76.3
70°	146.2	143.5	140.0	135.7	131.1	126.2	121.3	115.7	109.2	102.1	96.4
67.5°	175.3	171.0	166.2	161.0	156.0	150.2	144.3	137.9	131.3	123.9	116.8
65°	211.6	205.8	199.4	193.8	187.0	179.1	170.2	162.4	154.8	146.4	137.1
62.5°	253.3	247.7	238.7	229.5	220.6	211.6	200.8	189.9	179.4	168.8	158.0
60°	296.0	285.9	276.2	265.6	254.2	241.9	230.1	217.7	204.8	192.1	179.0
57.5°	343.0	330.6	317.9	304.2	289.7	275.8	261.4	246.0	231.3	215.9	200.4
55°	397.0	382.0	365.7	347.9	329.5	313.0	295.4	277.7	259.8	240.5	223.3
52.5°	461.1	442.4	421.5	398.4	376.8	354.9	332.0	312.0	290.1	268.6	247.2
50°	542.7	516.2	487.5	458.3	431.5	402.6	375.7	349.4	322.9	298.0	273.1
47.5°	640.5	605.4	566.2	530.0	494.5	458.6	425.5	390.7	360.4	329.0	301.3
45°	759.3	712.6	662.2	616.2	566.4	523.1	480.9	440.8	401.0	365.5	330.2
42.5°	911.3	843.3	779.2	718.2	655.4	598.5	542.3	494.8	448.1	404.2	364.4
40°	1106.7	1007.6	925.4	837.9	761.8	685.5	618.4	552.6	499.5	447.5	398.9
37.5°	1337.4	1221.5	1104.1	984.3	885.2	789.4	703.0	625.5	553.3	494.2	438.1
35°	1581.4	1450.4	1309.8	1169.5	1024.9	908.8	799.0	703.5	619.2	543.1	478.4
32.5°	1824.9	1681.1	1526.3	1366.2	1203.7	1041.3	909.5	791.2	685.7	598.9	522.5
30°	2068.2	1910.4	1740.8	1566.0	1387.7	1205.4	1025.5	887.4	763.6	654.7	566.8
27.5°	2312.3	2141.3	1955.7	1763.4	1571.2	1372.4	1173.1	986.6	842.0	719.1	615.4
25°	2556.7	2365.5	2166.2	1956.9	1747.3	1536.0	1315.8	1107.9	930.0	783.4	660.3
22.5°	2801.9	2587.1	2365.0	2140.1	1914.8	1689.0	1458.5	1226.8	1013.4	848.9	712.8
20°	3044.1	2802.9	2559.7	2316.0	2073.1	1831.6	1590.7	1343.3	1111.5	916.6	761.7
17.5°	3277.4	3009.5	2745.5	2481.2	2221.4	1965.4	1709.2	1450.8	1199.0	977.0	805.0
15°	3499.6	3207.2	2920.6	2636.8	2356.5	2081.5	1814.1	1545.2	1278.6	1039.9	852.4
12.5°	3709.3	3390.2	3077.9	2769.9	2472.0	2183.8	1905.9	1628.1	1353.6	1101.2	894.7
10°	3888.3	3546.0	3209.9	2885.0	2572.1	2270.8	1981.6	1698.2	1417.9	1152.2	929.2
7.5°	4033.9	3671.3	3316.8	2976.1	2650.5	2340.1	2040.0	1752.0	1468.7	1192.0	955.9
5°	4140.3	3763.4	3396.1	3043.5	2704.9	2390.6	2081.2	1788.8	1505.6	1220.4	974.5
2.5°	4206.3	3819.2	3443.3	3084.5	2736.5	2420.9	2105.2	1811.0	1526.7	1235.9	986.2
0°	4218.5	3845.3	3458.1	3088.9	2754.7	2430.0	2111.5	1819.1	1532.1	1239.2	989.9
-2.5°	4206.3	3819.2	3443.3	3084.5	2736.5	2420.9	2105.2	1811.0	1526.7	1235.9	986.2
-5°	4140.3	3763.4	3396.1	3043.5	2704.9	2390.6	2081.2	1788.8	1505.6	1220.4	974.5
-7.5°	4033.9	3671.3	3316.8	2976.1	2650.5	2340.1	2040.0	1752.0	1468.7	1192.0	955.9
-10°	3888.3	3546.0	3209.9	2885.0	2572.1	2270.8	1981.6	1698.2	1417.9	1152.2	929.2
-12.5°	3709.3	3390.2	3077.9	2769.9	2472.0	2183.8	1905.9	1628.1	1353.6	1101.2	894.7
-15°	3499.6	3207.2	2920.6	2636.8	2356.5	2081.5	1814.1	1545.2	1278.6	1039.9	852.4
-17.5°	3277.4	3009.5	2745.5	2481.2	2221.4	1965.4	1709.2	1450.8	1199.0	977.0	805.0
-20°	3044.1	2802.9	2559.7	2316.0	2073.1	1831.6	1590.7	1343.3	1111.5	916.6	761.7

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

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REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2801.9	2587.1	2365.0	2140.1	1914.8	1689.0	1458.5	1226.8	1013.4	848.9	712.8
-25°	2556.7	2365.5	2166.2	1956.9	1747.3	1536.0	1315.8	1107.9	930.0	783.4	660.3
-27.5°	2312.3	2141.3	1955.7	1763.4	1571.2	1372.4	1173.1	986.6	842.0	719.1	615.4
-30°	2068.2	1910.4	1740.8	1566.0	1387.7	1205.4	1025.5	887.4	763.6	654.7	566.8
-32.5°	1824.9	1681.1	1526.3	1366.2	1203.7	1041.3	909.5	791.2	685.7	598.9	522.5
-35°	1581.4	1450.4	1309.8	1169.5	1024.9	908.8	799.0	703.5	619.2	543.1	478.4
-37.5°	1337.4	1221.5	1104.1	984.3	885.2	789.4	703.0	625.5	553.3	494.2	438.1
-40°	1106.7	1007.6	925.4	837.9	761.8	685.5	618.4	552.6	499.5	447.5	398.9
-42.5°	911.3	843.3	779.2	718.2	655.4	598.5	542.3	494.8	448.1	404.2	364.4
-45°	759.3	712.6	662.2	616.2	566.4	523.1	480.9	440.8	401.0	365.5	330.2
-47.5°	640.5	605.4	566.2	530.0	494.5	458.6	425.5	390.7	360.4	329.0	301.3
-50°	542.7	516.2	487.5	458.3	431.5	402.6	375.7	349.4	322.9	298.0	273.1
-52.5°	461.1	442.4	421.5	398.4	376.8	354.9	332.0	312.0	290.1	268.6	247.2
-55°	397.0	382.0	365.7	347.9	329.5	313.0	295.4	277.7	259.8	240.5	223.3
-57.5°	343.0	330.6	317.9	304.2	289.7	275.8	261.4	246.0	231.3	215.9	200.4
-60°	296.0	285.9	276.2	265.6	254.2	241.9	230.1	217.7	204.8	192.1	179.0
-62.5°	253.3	247.7	238.7	229.5	220.6	211.6	200.8	189.9	179.4	168.8	158.0
-65°	211.6	205.8	199.4	193.8	187.0	179.1	170.2	162.4	154.8	146.4	137.1
-67.5°	175.3	171.0	166.2	161.0	156.0	150.2	144.3	137.9	131.3	123.9	116.8
-70°	146.2	143.5	140.0	135.7	131.1	126.2	121.3	115.7	109.2	102.1	96.4
-72.5°	122.4	120.7	118.1	114.3	109.9	105.3	100.5	95.0	88.8	81.6	76.3
-75°	101.1	99.9	98.0	94.3	90.4	86.1	81.6	76.0	69.6	62.3	57.0
-77.5°	79.5	78.9	77.9	74.9	71.9	68.8	65.0	58.5	52.1	45.9	41.9
-80°	57.2	57.2	56.6	54.4	52.1	49.7	46.8	41.8	36.9	32.4	29.3
-82.5°	36.2	35.6	34.7	33.5	32.3	31.1	29.7	26.6	23.5	20.6	18.2
-85°	16.2	15.7	15.2	15.2	15.1	14.9	14.6	13.1	11.7	10.3	9.1
-87.5°	2.7	2.8	2.8	3.0	3.1	3.2	3.3	3.2	3.1	2.9	2.8
-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: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.4	3.7	3.8	4.0	4.0	4.0	4.0	3.8	3.6	3.3
85°	9.5	9.7	9.7	9.4	8.7	8.1	8.1	8.0	7.6	7.2	6.7
82.5°	18.9	19.5	19.8	19.7	18.5	17.2	15.8	14.3	12.8	11.1	10.0
80°	30.4	31.1	31.3	30.8	28.6	26.2	24.2	22.1	20.1	17.8	15.2
77.5°	42.8	43.3	43.4	42.6	39.9	36.9	33.6	30.2	27.4	24.5	21.3
75°	56.1	56.3	56.1	54.7	51.3	47.5	43.6	39.4	35.2	31.3	27.4
72.5°	73.4	71.0	69.3	66.9	63.2	58.9	53.9	48.4	43.0	38.0	33.4
70°	91.5	86.5	82.6	79.0	74.9	70.3	64.9	57.9	50.8	44.7	39.0
67.5°	110.3	104.2	97.9	91.4	86.3	81.2	75.6	67.2	58.7	51.2	44.6
65°	128.7	121.1	114.0	105.6	98.2	91.9	85.6	76.1	66.4	57.6	50.0
62.5°	147.2	137.0	128.2	119.0	110.1	102.3	95.2	84.3	73.7	63.8	55.1
60°	166.2	154.2	142.2	131.7	121.6	112.1	103.3	92.3	80.8	69.6	60.0
57.5°	186.0	171.6	157.8	144.7	132.9	122.0	111.1	99.7	87.7	75.6	64.3
55°	205.9	189.6	173.4	158.4	144.5	132.0	119.2	106.8	94.3	81.4	67.8
52.5°	227.2	208.1	189.9	172.3	156.4	141.8	127.8	113.7	100.6	87.0	71.6
50°	249.8	227.8	207.0	187.3	168.3	152.0	136.2	121.3	106.7	92.4	75.1
47.5°	273.5	248.6	225.0	202.4	181.7	161.9	145.0	128.7	112.6	97.7	78.4
45°	299.7	270.0	243.4	218.7	194.7	173.1	153.7	135.9	119.1	101.5	81.3
42.5°	326.0	293.1	262.5	234.4	208.7	184.4	162.0	143.3	125.3	105.0	84.2
40°	356.3	316.8	281.8	251.3	222.6	195.2	171.6	150.5	131.1	108.4	86.9
37.5°	385.9	342.3	302.8	267.4	236.3	207.4	180.9	157.3	135.6	112.2	89.4
35°	420.7	368.5	322.9	284.5	250.4	219.0	189.6	164.3	140.7	115.9	91.7
32.5°	454.6	395.3	345.4	302.0	263.7	230.0	198.8	171.5	145.8	119.3	93.6
30°	491.7	424.4	366.6	318.3	276.9	241.3	208.2	178.2	150.9	122.6	95.5
27.5°	527.4	451.2	387.3	335.7	290.9	251.9	216.8	184.6	156.1	126.0	97.9
25°	562.8	480.2	410.1	352.2	303.8	261.5	224.8	190.5	161.1	129.8	100.0
22.5°	601.3	508.2	430.6	367.0	315.4	270.3	232.3	196.9	165.8	133.4	101.9
20°	636.6	533.6	449.0	381.2	326.9	279.8	239.4	202.7	170.0	136.9	103.5
17.5°	669.9	559.3	469.5	396.6	337.8	288.1	245.6	207.8	173.7	140.0	104.8
15°	704.9	584.9	487.9	409.9	347.2	295.4	251.0	212.1	176.8	142.8	106.0
12.5°	734.7	606.5	503.3	421.1	355.2	301.4	255.4	215.8	179.5	145.2	107.0
10°	759.3	624.0	515.8	430.1	361.5	306.2	259.0	218.7	181.7	147.1	107.7
7.5°	778.4	637.5	525.2	437.0	366.4	310.0	262.0	221.0	183.4	148.4	107.8
5°	791.8	646.8	532.1	441.8	370.1	312.7	264.1	222.5	184.6	149.2	107.5
2.5°	798.9	652.1	536.4	444.4	372.3	314.2	265.3	223.2	185.1	149.3	106.7
0°	800.0	653.1	537.6	444.7	372.8	314.4	265.5	223.2	185.1	148.7	105.6
-2.5°	798.9	652.1	536.4	444.4	372.3	314.2	265.3	223.2	185.1	149.3	106.7
-5°	791.8	646.8	532.1	441.8	370.1	312.7	264.1	222.5	184.6	149.2	107.5
-7.5°	778.4	637.5	525.2	437.0	366.4	310.0	262.0	221.0	183.4	148.4	107.8
-10°	759.3	624.0	515.8	430.1	361.5	306.2	259.0	218.7	181.7	147.1	107.7
-12.5°	734.7	606.5	503.3	421.1	355.2	301.4	255.4	215.8	179.5	145.2	107.0
-15°	704.9	584.9	487.9	409.9	347.2	295.4	251.0	212.1	176.8	142.8	106.0
-17.5°	669.9	559.3	469.5	396.6	337.8	288.1	245.6	207.8	173.7	140.0	104.8
-20°	636.6	533.6	449.0	381.2	326.9	279.8	239.4	202.7	170.0	136.9	103.5

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626733 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	601.3	508.2	430.6	367.0	315.4	270.3	232.3	196.9	165.8	133.4	101.9
-25°	562.8	480.2	410.1	352.2	303.8	261.5	224.8	190.5	161.1	129.8	100.0
-27.5°	527.4	451.2	387.3	335.7	290.9	251.9	216.8	184.6	156.1	126.0	97.9
-30°	491.7	424.4	366.6	318.3	276.9	241.3	208.2	178.2	150.9	122.6	95.5
-32.5°	454.6	395.3	345.4	302.0	263.7	230.0	198.8	171.5	145.8	119.3	93.6
-35°	420.7	368.5	322.9	284.5	250.4	219.0	189.6	164.3	140.7	115.9	91.7
-37.5°	385.9	342.3	302.8	267.4	236.3	207.4	180.9	157.3	135.6	112.2	89.4
-40°	356.3	316.8	281.8	251.3	222.6	195.2	171.6	150.5	131.1	108.4	86.9
-42.5°	326.0	293.1	262.5	234.4	208.7	184.4	162.0	143.3	125.3	105.0	84.2
-45°	299.7	270.0	243.4	218.7	194.7	173.1	153.7	135.9	119.1	101.5	81.3
-47.5°	273.5	248.6	225.0	202.4	181.7	161.9	145.0	128.7	112.6	97.7	78.4
-50°	249.8	227.8	207.0	187.3	168.3	152.0	136.2	121.3	106.7	92.4	75.1
-52.5°	227.2	208.1	189.9	172.3	156.4	141.8	127.8	113.7	100.6	87.0	71.6
-55°	205.9	189.6	173.4	158.4	144.5	132.0	119.2	106.8	94.3	81.4	67.8
-57.5°	186.0	171.6	157.8	144.7	132.9	122.0	111.1	99.7	87.7	75.6	64.3
-60°	166.2	154.2	142.2	131.7	121.6	112.1	103.3	92.3	80.8	69.6	60.0
-62.5°	147.2	137.0	128.2	119.0	110.1	102.3	95.2	84.3	73.7	63.8	55.1
-65°	128.7	121.1	114.0	105.6	98.2	91.9	85.6	76.1	66.4	57.6	50.0
-67.5°	110.3	104.2	97.9	91.4	86.3	81.2	75.6	67.2	58.7	51.2	44.6
-70°	91.5	86.5	82.6	79.0	74.9	70.3	64.9	57.9	50.8	44.7	39.0
-72.5°	73.4	71.0	69.3	66.9	63.2	58.9	53.9	48.4	43.0	38.0	33.4
-75°	56.1	56.3	56.1	54.7	51.3	47.5	43.6	39.4	35.2	31.3	27.4
-77.5°	42.8	43.3	43.4	42.6	39.9	36.9	33.6	30.2	27.4	24.5	21.3
-80°	30.4	31.1	31.3	30.8	28.6	26.2	24.2	22.1	20.1	17.8	15.2
-82.5°	18.9	19.5	19.8	19.7	18.5	17.2	15.8	14.3	12.8	11.1	10.0
-85°	9.5	9.7	9.7	9.4	8.7	8.1	8.1	8.0	7.6	7.2	6.7
-87.5°	3.2	3.4	3.7	3.8	4.0	4.0	4.0	4.0	3.8	3.6	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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**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°	3.0	2.4	1.8	1.2	0.7	0.3	0.0
85°	6.0	4.7	3.5	2.4	1.5	0.6	0.0
82.5°	9.0	7.0	5.2	3.6	2.2	1.0	0.0
80°	12.3	9.3	6.9	4.8	2.9	1.3	0.0
77.5°	17.5	12.1	8.6	6.0	3.7	1.6	0.0
75°	22.6	15.9	10.5	7.1	4.4	1.9	0.0
72.5°	27.5	19.5	13.0	8.3	5.0	2.2	0.0
70°	32.2	23.0	15.4	9.5	5.7	2.5	0.0
67.5°	36.2	26.3	17.7	10.9	6.4	2.8	0.0
65°	40.1	29.4	19.9	12.3	7.0	3.1	0.0
62.5°	43.7	32.1	22.0	13.7	7.6	3.4	0.0
60°	47.1	34.8	23.9	14.9	8.2	3.6	0.0
57.5°	50.2	37.2	25.7	16.1	8.9	3.9	0.0
55°	53.0	39.4	27.4	17.2	9.6	4.1	0.0
52.5°	55.6	41.5	28.9	18.2	10.3	4.4	0.0
50°	58.0	43.4	30.3	19.1	10.9	4.6	0.0
47.5°	60.2	45.1	31.5	19.9	11.5	4.8	0.0
45°	62.7	46.6	32.6	20.7	12.1	5.0	0.0
42.5°	64.9	47.9	33.6	21.5	12.6	5.2	0.0
40°	66.8	49.0	34.4	22.2	13.1	5.4	0.0
37.5°	68.4	49.9	35.2	23.0	13.6	5.5	0.0
35°	69.8	51.0	35.8	23.8	14.1	5.7	0.0
32.5°	71.0	51.9	36.3	24.4	14.5	5.8	0.0
30°	72.4	52.7	36.6	25.0	14.8	5.9	0.0
27.5°	73.6	53.2	37.4	25.5	15.2	6.0	0.0
25°	74.5	53.5	38.2	26.0	15.4	6.1	0.0
22.5°	75.1	53.9	38.8	26.4	15.7	6.2	0.0
20°	75.5	54.9	39.4	26.7	15.9	6.3	0.0
17.5°	76.3	55.7	39.9	27.0	16.1	6.3	0.0
15°	77.3	56.3	40.2	27.2	16.2	6.4	0.0
12.5°	78.1	56.8	40.5	27.3	16.3	6.4	0.0
10°	78.5	57.1	40.7	27.3	16.4	6.4	0.0
7.5°	78.7	57.2	40.8	27.3	16.4	6.4	0.0
5°	78.6	57.2	40.8	27.2	16.4	6.4	0.0
2.5°	78.3	57.0	40.6	27.1	16.3	6.3	0.0
0°	77.7	56.6	40.4	26.9	16.2	6.3	0.0
-2.5°	78.3	57.0	40.6	27.1	16.3	6.3	0.0
-5°	78.6	57.2	40.8	27.2	16.4	6.4	0.0
-7.5°	78.7	57.2	40.8	27.3	16.4	6.4	0.0
-10°	78.5	57.1	40.7	27.3	16.4	6.4	0.0
-12.5°	78.1	56.8	40.5	27.3	16.3	6.4	0.0
-15°	77.3	56.3	40.2	27.2	16.2	6.4	0.0
-17.5°	76.3	55.7	39.9	27.0	16.1	6.3	0.0
-20°	75.5	54.9	39.4	26.7	15.9	6.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.1	53.9	38.8	26.4	15.7	6.2	0.0
-25°	74.5	53.5	38.2	26.0	15.4	6.1	0.0
-27.5°	73.6	53.2	37.4	25.5	15.2	6.0	0.0
-30°	72.4	52.7	36.6	25.0	14.8	5.9	0.0
-32.5°	71.0	51.9	36.3	24.4	14.5	5.8	0.0
-35°	69.8	51.0	35.8	23.8	14.1	5.7	0.0
-37.5°	68.4	49.9	35.2	23.0	13.6	5.5	0.0
-40°	66.8	49.0	34.4	22.2	13.1	5.4	0.0
-42.5°	64.9	47.9	33.6	21.5	12.6	5.2	0.0
-45°	62.7	46.6	32.6	20.7	12.1	5.0	0.0
-47.5°	60.2	45.1	31.5	19.9	11.5	4.8	0.0
-50°	58.0	43.4	30.3	19.1	10.9	4.6	0.0
-52.5°	55.6	41.5	28.9	18.2	10.3	4.4	0.0
-55°	53.0	39.4	27.4	17.2	9.6	4.1	0.0
-57.5°	50.2	37.2	25.7	16.1	8.9	3.9	0.0
-60°	47.1	34.8	23.9	14.9	8.2	3.6	0.0
-62.5°	43.7	32.1	22.0	13.7	7.6	3.4	0.0
-65°	40.1	29.4	19.9	12.3	7.0	3.1	0.0
-67.5°	36.2	26.3	17.7	10.9	6.4	2.8	0.0
-70°	32.2	23.0	15.4	9.5	5.7	2.5	0.0
-72.5°	27.5	19.5	13.0	8.3	5.0	2.2	0.0
-75°	22.6	15.9	10.5	7.1	4.4	1.9	0.0
-77.5°	17.5	12.1	8.6	6.0	3.7	1.6	0.0
-80°	12.3	9.3	6.9	4.8	2.9	1.3	0.0
-82.5°	9.0	7.0	5.2	3.6	2.2	1.0	0.0
-85°	6.0	4.7	3.5	2.4	1.5	0.6	0.0
-87.5°	3.0	2.4	1.8	1.2	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)