

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: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-727-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N135  
Light Source: (96) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

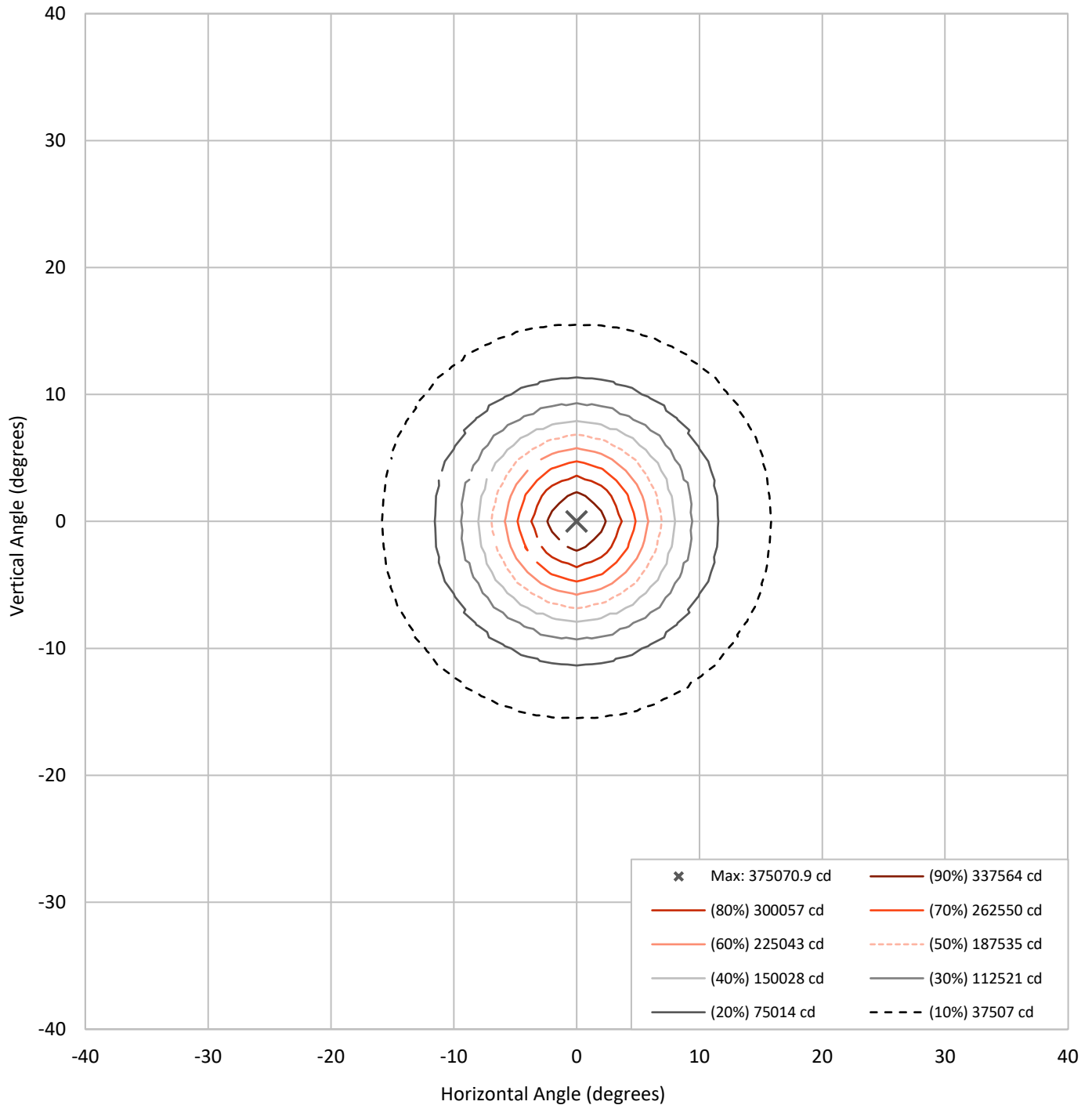
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	39827 lumens	Max Intensity:	375070.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	11775.1 lumens	Field Lumens:	26498.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	325.9		
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





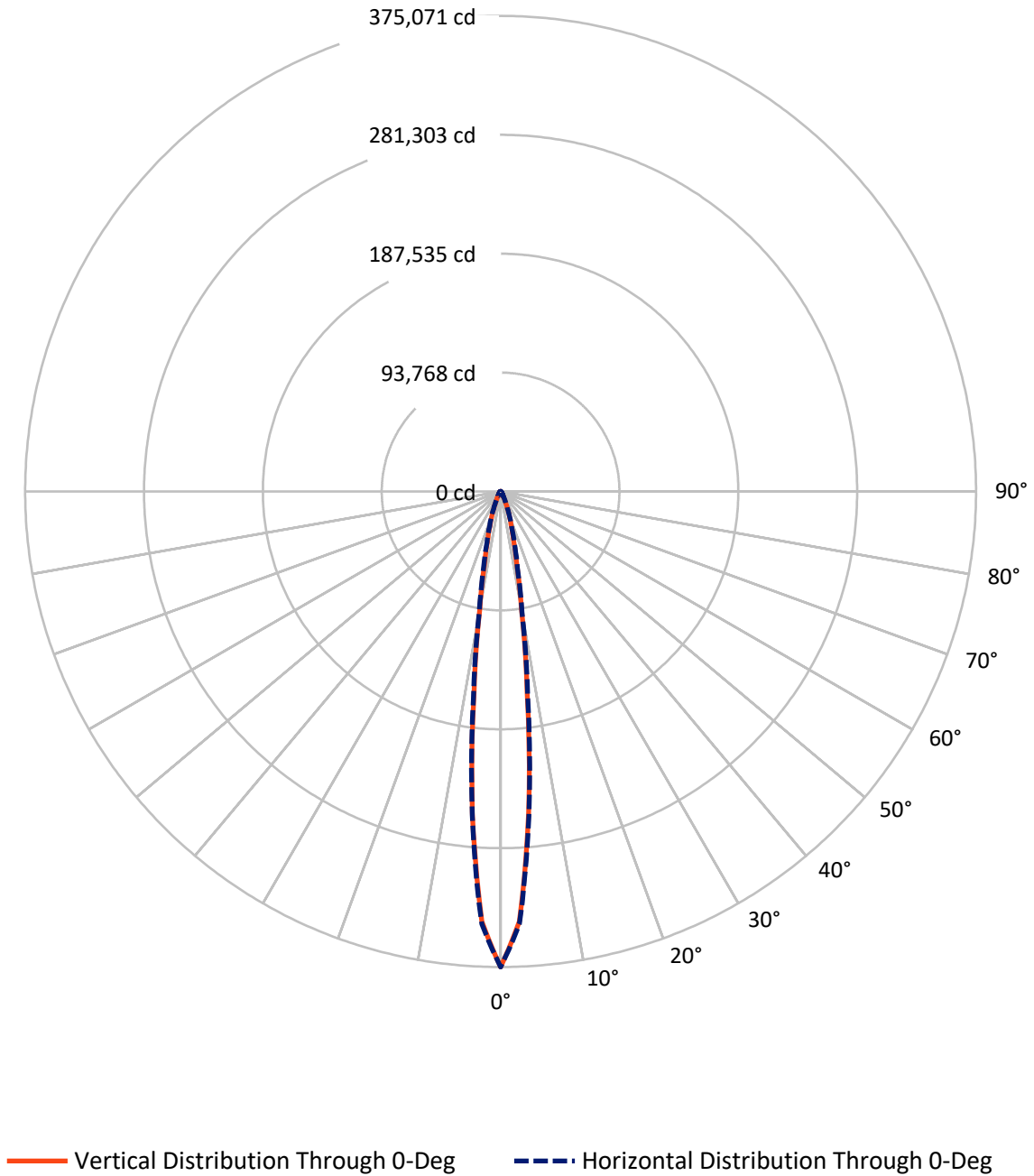
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### Lumen Table

90	0.7		5.5		14.3		23.2		25.3		23.2		14.3		5.5		0.7		
80	0.7		5.5		14.3		23.2		25.3		23.2		14.3		5.5		0.7		
70	2.5	2.8	5.7	9.4	13.3	16.4	18.4	19.2	19.2	18.4	16.4	13.3	9.4	5.7	2.8	2.5			
60		4.2	8.7	14.0	18.8	23.0	25.7	26.8	26.8	25.7	23.0	18.8	14.0	8.7	4.2				
50	4.3	5.5	11.2	17.3	23.0	28.9	34.1	36.8	36.8	34.1	28.9	23.0	17.3	11.2	5.5	4.3			
40		6.7	13.2	20.0	28.3	40.7	57.4	71.1	71.1	57.4	40.7	28.3	20.0	13.2	6.7				
30	5.6	7.5	14.4	22.5	36.7	72.8	165.7	274.3	274.3	165.7	72.8	36.7	22.5	14.4	7.5	5.6			
20		8.0	15.1	24.8	48.6	154.5	548.7	1181.7	1181.7	548.7	154.5	48.6	24.8	15.1	8.0				
10	6.1	8.3	15.5	26.3	58.8	254.7	1192.8	5152.5	5152.5	1192.8	254.7	58.8	26.3	15.5	8.3	6.1			
0		8.3	15.5	26.3	58.8	254.7	1192.8	5152.5	5152.5	1192.8	254.7	58.8	26.3	15.5	8.3				
-10	5.6	8.0	15.1	24.8	48.6	154.5	548.7	1181.7	1181.7	548.7	154.5	48.6	24.8	15.1	8.0	5.6			
-20		7.5	14.4	22.5	36.7	72.8	165.7	274.3	274.3	165.7	72.8	36.7	22.5	14.4	7.5				
-30	4.3	6.7	13.2	20.0	28.3	40.7	57.4	71.1	71.1	57.4	40.7	28.3	20.0	13.2	6.7	4.3			
-40		5.5	11.2	17.3	23.0	28.9	34.1	36.8	36.8	34.1	28.9	23.0	17.3	11.2	5.5				
-50	2.5	4.2	8.7	14.0	18.8	23.0	25.7	26.8	26.8	25.7	23.0	18.8	14.0	8.7	4.2	2.5			
-60		2.8	5.7	9.4	13.3	16.4	18.4	19.2	19.2	18.4	16.4	13.3	9.4	5.7	2.8				
-70	0.7		5.5		14.3		23.2		25.3		23.2		14.3		5.5		0.7		
-80	0.7		5.5		14.3		23.2		25.3		23.2		14.3		5.5		0.7		
-90	0.7		5.5		14.3		23.2		25.3		23.2		14.3		5.5		0.7		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

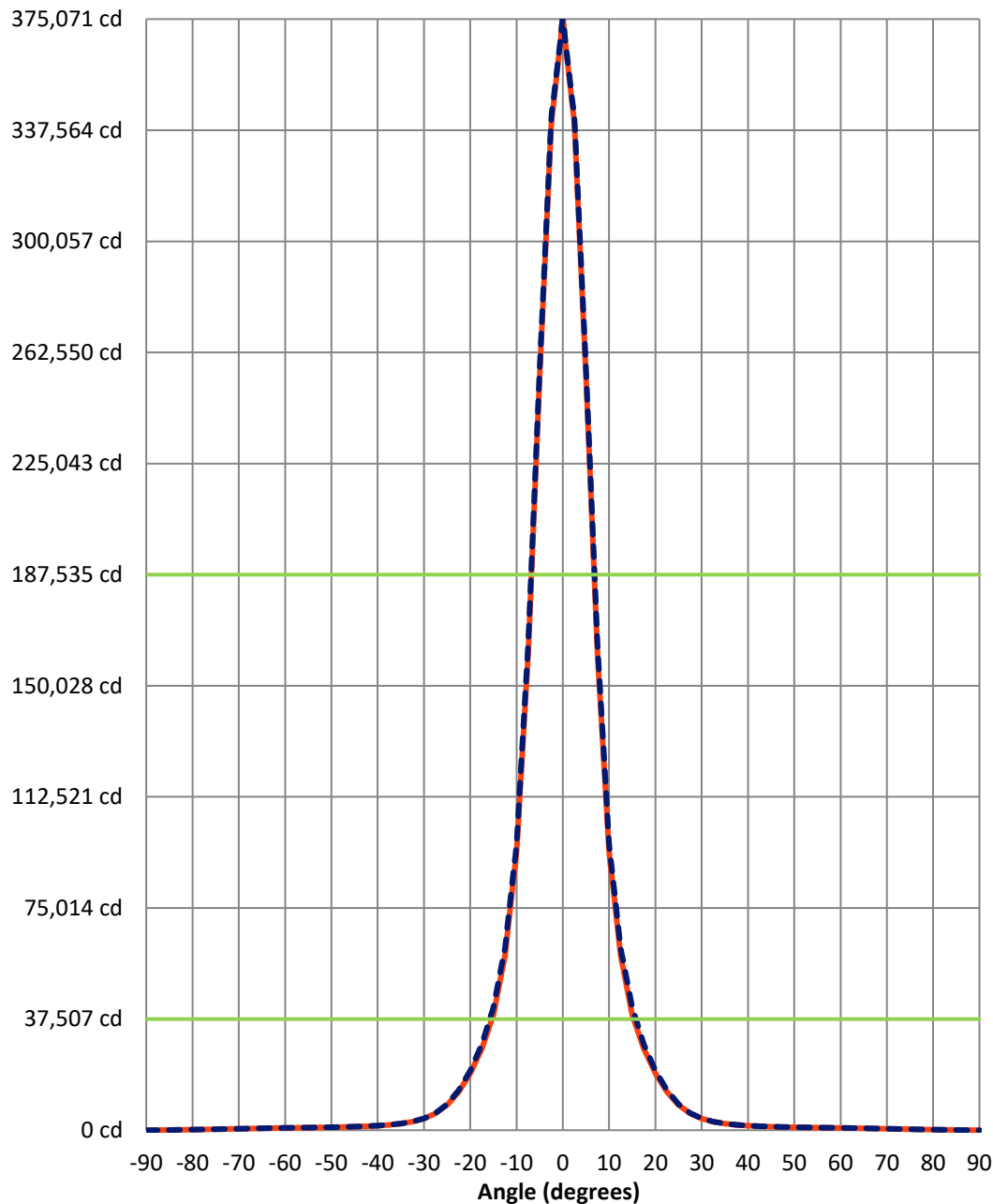
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 11775.1  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 26498.8  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 13328.3  
 Efficiency: 33.5%

— 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	1.2	2.8	4.2	5.6	6.9	8.3	9.6	11.0	12.3	13.6
85°	0.0	2.4	5.6	8.4	11.1	13.9	16.6	19.3	21.9	24.5	27.1
82.5°	0.0	3.7	8.4	12.5	16.7	20.8	24.9	28.9	33.2	39.1	44.9
80°	0.0	4.9	11.1	16.7	22.2	27.7	33.6	41.6	49.6	57.4	65.1
77.5°	0.0	6.1	13.8	20.8	27.7	35.5	45.8	55.9	65.8	75.6	86.0
75°	0.0	7.2	16.5	24.9	33.4	45.2	57.8	70.0	82.2	95.8	109.2
72.5°	0.0	8.4	19.1	28.9	40.8	54.7	69.6	84.6	100.7	116.5	132.1
70°	0.0	9.5	21.6	33.1	47.9	64.0	81.5	100.7	119.0	137.1	157.5
67.5°	0.0	10.6	24.1	38.2	55.0	73.1	94.9	116.5	137.1	160.3	183.1
65°	0.0	11.7	26.5	43.1	61.8	83.0	108.1	132.1	157.5	183.1	210.0
62.5°	0.0	12.8	28.8	48.0	68.5	93.8	121.0	149.0	177.4	206.3	240.2
60°	0.0	13.8	31.0	52.7	75.0	104.3	133.6	166.1	197.0	232.3	269.5
57.5°	0.0	14.8	33.9	57.2	83.1	114.6	147.5	182.8	218.3	257.4	297.8
55°	0.0	15.7	36.7	61.6	91.0	124.5	161.2	198.7	239.6	281.6	325.1
52.5°	0.0	16.6	39.5	65.8	98.7	134.4	174.5	216.0	260.0	304.9	351.2
50°	0.0	17.5	42.2	69.9	106.2	145.1	187.3	232.9	279.5	327.1	376.4
47.5°	0.0	18.3	44.8	74.1	113.4	155.4	199.9	249.2	298.1	348.2	401.0
45°	0.0	19.0	47.3	79.2	120.2	165.3	213.3	264.8	316.0	369.8	425.0
42.5°	0.0	19.8	49.8	84.1	126.8	174.7	226.0	279.8	333.1	390.9	448.4
40°	0.0	20.4	52.1	88.9	133.5	183.7	238.2	294.0	350.0	411.2	471.2
37.5°	0.0	21.0	54.4	93.6	140.3	192.2	249.8	307.5	366.8	430.1	493.2
35°	0.0	21.6	56.5	97.9	146.7	200.8	260.7	320.3	382.5	448.0	514.4
32.5°	0.0	22.1	58.5	102.0	152.6	209.3	270.9	332.3	396.9	464.7	532.8
30°	0.0	22.6	60.4	105.9	158.2	217.2	280.4	343.5	410.1	480.2	549.6
27.5°	0.0	23.0	62.2	109.4	163.6	224.5	289.2	354.2	422.3	494.5	564.6
25°	0.0	23.4	63.9	112.7	168.6	231.1	297.2	363.8	433.8	507.1	578.0
22.5°	0.0	23.7	65.4	115.7	173.1	237.1	304.5	372.4	444.1	517.9	589.5
20°	0.0	23.9	66.8	118.4	177.2	242.3	311.0	379.8	453.3	527.3	600.0
17.5°	0.0	24.1	68.1	120.7	180.9	246.8	316.4	386.2	461.3	535.2	609.3
15°	0.0	24.3	69.1	122.8	184.1	250.4	320.7	391.9	468.0	541.6	617.3
12.5°	0.0	24.4	70.1	124.6	186.7	253.3	324.3	397.1	473.7	546.5	624.0
10°	0.0	24.4	70.9	126.0	189.0	255.5	327.0	401.5	478.1	551.9	630.4
7.5°	0.0	24.4	71.5	127.1	190.7	256.9	328.9	405.1	481.1	556.4	637.8
5°	0.0	24.4	71.9	128.0	191.9	257.7	330.0	407.7	482.7	559.7	643.7
2.5°	0.0	24.3	72.2	128.4	192.7	257.8	330.1	409.3	483.1	561.8	648.2
0°	0.0	24.1	72.3	128.6	192.9	257.2	329.5	409.8	482.2	562.5	650.9
-2.5°	0.0	24.3	72.2	128.4	192.7	257.8	330.1	409.3	483.1	561.8	648.2
-5°	0.0	24.4	71.9	128.0	191.9	257.7	330.0	407.7	482.7	559.7	643.7
-7.5°	0.0	24.4	71.5	127.1	190.7	256.9	328.9	405.1	481.1	556.4	637.8
-10°	0.0	24.4	70.9	126.0	189.0	255.5	327.0	401.5	478.1	551.9	630.4
-12.5°	0.0	24.4	70.1	124.6	186.7	253.3	324.3	397.1	473.7	546.5	624.0
-15°	0.0	24.3	69.1	122.8	184.1	250.4	320.7	391.9	468.0	541.6	617.3
-17.5°	0.0	24.1	68.1	120.7	180.9	246.8	316.4	386.2	461.3	535.2	609.3
-20°	0.0	23.9	66.8	118.4	177.2	242.3	311.0	379.8	453.3	527.3	600.0

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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	23.7	65.4	115.7	173.1	237.1	304.5	372.4	444.1	517.9	589.5
-25°	0.0	23.4	63.9	112.7	168.6	231.1	297.2	363.8	433.8	507.1	578.0
-27.5°	0.0	23.0	62.2	109.4	163.6	224.5	289.2	354.2	422.3	494.5	564.6
-30°	0.0	22.6	60.4	105.9	158.2	217.2	280.4	343.5	410.1	480.2	549.6
-32.5°	0.0	22.1	58.5	102.0	152.6	209.3	270.9	332.3	396.9	464.7	532.8
-35°	0.0	21.6	56.5	97.9	146.7	200.8	260.7	320.3	382.5	448.0	514.4
-37.5°	0.0	21.0	54.4	93.6	140.3	192.2	249.8	307.5	366.8	430.1	493.2
-40°	0.0	20.4	52.1	88.9	133.5	183.7	238.2	294.0	350.0	411.2	471.2
-42.5°	0.0	19.8	49.8	84.1	126.8	174.7	226.0	279.8	333.1	390.9	448.4
-45°	0.0	19.0	47.3	79.2	120.2	165.3	213.3	264.8	316.0	369.8	425.0
-47.5°	0.0	18.3	44.8	74.1	113.4	155.4	199.9	249.2	298.1	348.2	401.0
-50°	0.0	17.5	42.2	69.9	106.2	145.1	187.3	232.9	279.5	327.1	376.4
-52.5°	0.0	16.6	39.5	65.8	98.7	134.4	174.5	216.0	260.0	304.9	351.2
-55°	0.0	15.7	36.7	61.6	91.0	124.5	161.2	198.7	239.6	281.6	325.1
-57.5°	0.0	14.8	33.9	57.2	83.1	114.6	147.5	182.8	218.3	257.4	297.8
-60°	0.0	13.8	31.0	52.7	75.0	104.3	133.6	166.1	197.0	232.3	269.5
-62.5°	0.0	12.8	28.8	48.0	68.5	93.8	121.0	149.0	177.4	206.3	240.2
-65°	0.0	11.7	26.5	43.1	61.8	83.0	108.1	132.1	157.5	183.1	210.0
-67.5°	0.0	10.6	24.1	38.2	55.0	73.1	94.9	116.5	137.1	160.3	183.1
-70°	0.0	9.5	21.6	33.1	47.9	64.0	81.5	100.7	119.0	137.1	157.5
-72.5°	0.0	8.4	19.1	28.9	40.8	54.7	69.6	84.6	100.7	116.5	132.1
-75°	0.0	7.2	16.5	24.9	33.4	45.2	57.8	70.0	82.2	95.8	109.2
-77.5°	0.0	6.1	13.8	20.8	27.7	35.5	45.8	55.9	65.8	75.6	86.0
-80°	0.0	4.9	11.1	16.7	22.2	27.7	33.6	41.6	49.6	57.4	65.1
-82.5°	0.0	3.7	8.4	12.5	16.7	20.8	24.9	28.9	33.2	39.1	44.9
-85°	0.0	2.4	5.6	8.4	11.1	13.9	16.6	19.3	21.9	24.5	27.1
-87.5°	0.0	1.2	2.8	4.2	5.6	6.9	8.3	9.6	11.0	12.3	13.6
-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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**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°	14.8	16.0	17.2	18.4	19.5	20.6	21.7	22.7	23.7	24.6	25.5
85°	29.6	32.1	35.7	39.2	42.1	44.7	46.9	48.8	52.1	55.6	59.2
82.5°	50.6	56.1	61.5	66.8	70.3	73.2	76.0	80.1	87.2	94.0	100.2
80°	72.7	80.0	88.3	96.5	103.4	110.5	117.7	125.2	133.0	140.3	147.4
77.5°	96.9	107.7	118.1	128.3	138.4	149.4	160.0	170.1	179.9	189.2	198.0
75°	122.3	135.1	149.3	163.3	176.9	190.0	202.9	216.7	229.8	242.4	254.4
72.5°	149.0	166.1	182.8	199.1	216.7	234.0	250.7	266.7	282.4	298.8	316.0
70°	177.4	197.0	218.7	239.6	259.2	279.9	300.4	318.2	335.1	357.6	380.7
67.5°	206.6	233.0	257.6	281.1	307.3	331.6	352.6	375.1	399.3	425.3	448.2
65°	241.1	269.8	298.3	328.1	358.4	383.6	410.0	437.9	465.2	491.1	515.9
62.5°	275.0	307.4	340.3	372.7	403.9	434.2	465.9	497.0	527.0	557.2	583.9
60°	307.8	344.6	379.2	413.1	448.5	486.1	521.3	555.7	591.6	625.8	643.7
57.5°	339.4	378.7	414.9	453.0	494.5	537.0	573.9	612.9	643.7	667.5	690.7
55°	369.1	409.9	449.7	492.6	537.6	581.7	622.8	657.6	686.1	707.8	732.3
52.5°	396.9	440.0	483.3	530.1	577.8	624.9	668.0	700.6	726.1	748.4	771.5
50°	424.3	469.6	515.3	566.5	617.7	667.9	710.0	739.8	764.0	786.8	810.5
47.5°	451.2	498.7	547.9	602.5	658.0	706.4	746.4	773.6	798.0	824.8	850.7
45°	477.5	528.9	581.1	639.7	695.5	742.1	776.1	803.4	833.4	862.4	890.2
42.5°	503.3	558.7	615.3	676.0	729.9	772.0	803.6	835.9	868.3	899.2	930.6
40°	529.3	587.3	647.3	707.7	762.0	798.2	831.8	866.5	902.3	935.9	970.6
37.5°	554.1	614.2	676.0	737.2	786.4	823.1	858.0	896.4	934.1	970.7	1016.0
35°	577.8	638.7	701.1	760.2	807.6	845.6	884.6	925.0	964.6	1011.9	1063.5
32.5°	598.9	660.7	724.0	779.0	825.4	866.5	910.1	952.4	999.8	1053.4	1115.4
30°	616.7	680.0	743.5	797.2	842.5	886.0	933.4	980.0	1035.4	1099.9	1173.5
27.5°	632.4	697.3	759.0	812.8	858.9	902.1	952.0	1010.8	1074.5	1146.8	1233.3
25°	647.0	714.8	773.6	827.1	871.9	917.1	970.5	1035.5	1112.2	1199.2	1305.1
22.5°	660.8	731.6	788.5	840.6	882.1	930.9	991.1	1061.8	1145.1	1247.1	1376.0
20°	674.0	744.1	800.4	851.2	889.8	943.0	1009.3	1084.7	1179.4	1301.1	1450.1
17.5°	686.2	754.9	809.7	857.5	899.8	955.8	1025.3	1103.4	1209.2	1350.1	1518.3
15°	697.3	763.9	817.2	862.6	908.8	969.3	1042.0	1126.6	1242.2	1396.8	1578.6
12.5°	707.0	771.1	822.9	866.5	916.0	980.3	1056.8	1150.8	1277.6	1442.7	1655.2
10°	715.4	776.7	826.9	869.2	921.4	988.8	1069.1	1170.4	1305.9	1478.3	1714.0
7.5°	722.5	781.1	829.7	870.7	924.9	994.7	1078.8	1185.4	1325.7	1503.6	1756.5
5°	727.5	784.7	833.0	875.7	930.3	999.3	1085.8	1195.6	1337.3	1518.6	1783.0
2.5°	730.4	786.8	835.0	880.5	936.2	1003.3	1091.1	1206.9	1346.6	1533.3	1803.1
0°	731.3	787.5	835.7	884.0	940.2	1004.5	1092.9	1213.4	1350.0	1542.9	1816.1
-2.5°	730.4	786.8	835.0	880.5	936.2	1003.3	1091.1	1206.9	1346.6	1533.3	1803.1
-5°	727.5	784.7	833.0	875.7	930.3	999.3	1085.8	1195.6	1337.3	1518.6	1783.0
-7.5°	722.5	781.1	829.7	870.7	924.9	994.7	1078.8	1185.4	1325.7	1503.6	1756.5
-10°	715.4	776.7	826.9	869.2	921.4	988.8	1069.1	1170.4	1305.9	1478.3	1714.0
-12.5°	707.0	771.1	822.9	866.5	916.0	980.3	1056.8	1150.8	1277.6	1442.7	1655.2
-15°	697.3	763.9	817.2	862.6	908.8	969.3	1042.0	1126.6	1242.2	1396.8	1578.6
-17.5°	686.2	754.9	809.7	857.5	899.8	955.8	1025.3	1103.4	1209.2	1350.1	1518.3
-20°	674.0	744.1	800.4	851.2	889.8	943.0	1009.3	1084.7	1179.4	1301.1	1450.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	660.8	731.6	788.5	840.6	882.1	930.9	991.1	1061.8	1145.1	1247.1	1376.0
-25°	647.0	714.8	773.6	827.1	871.9	917.1	970.5	1035.5	1112.2	1199.2	1305.1
-27.5°	632.4	697.3	759.0	812.8	858.9	902.1	952.0	1010.8	1074.5	1146.8	1233.3
-30°	616.7	680.0	743.5	797.2	842.5	886.0	933.4	980.0	1035.4	1099.9	1173.5
-32.5°	598.9	660.7	724.0	779.0	825.4	866.5	910.1	952.4	999.8	1053.4	1115.4
-35°	577.8	638.7	701.1	760.2	807.6	845.6	884.6	925.0	964.6	1011.9	1063.5
-37.5°	554.1	614.2	676.0	737.2	786.4	823.1	858.0	896.4	934.1	970.7	1016.0
-40°	529.3	587.3	647.3	707.7	762.0	798.2	831.8	866.5	902.3	935.9	970.6
-42.5°	503.3	558.7	615.3	676.0	729.9	772.0	803.6	835.9	868.3	899.2	930.6
-45°	477.5	528.9	581.1	639.7	695.5	742.1	776.1	803.4	833.4	862.4	890.2
-47.5°	451.2	498.7	547.9	602.5	658.0	706.4	746.4	773.6	798.0	824.8	850.7
-50°	424.3	469.6	515.3	566.5	617.7	667.9	710.0	739.8	764.0	786.8	810.5
-52.5°	396.9	440.0	483.3	530.1	577.8	624.9	668.0	700.6	726.1	748.4	771.5
-55°	369.1	409.9	449.7	492.6	537.6	581.7	622.8	657.6	686.1	707.8	732.3
-57.5°	339.4	378.7	414.9	453.0	494.5	537.0	573.9	612.9	643.7	667.5	690.7
-60°	307.8	344.6	379.2	413.1	448.5	486.1	521.3	555.7	591.6	625.8	643.7
-62.5°	275.0	307.4	340.3	372.7	403.9	434.2	465.9	497.0	527.0	557.2	583.9
-65°	241.1	269.8	298.3	328.1	358.4	383.6	410.0	437.9	465.2	491.1	515.9
-67.5°	206.6	233.0	257.6	281.1	307.3	331.6	352.6	375.1	399.3	425.3	448.2
-70°	177.4	197.0	218.7	239.6	259.2	279.9	300.4	318.2	335.1	357.6	380.7
-72.5°	149.0	166.1	182.8	199.1	216.7	234.0	250.7	266.7	282.4	298.8	316.0
-75°	122.3	135.1	149.3	163.3	176.9	190.0	202.9	216.7	229.8	242.4	254.4
-77.5°	96.9	107.7	118.1	128.3	138.4	149.4	160.0	170.1	179.9	189.2	198.0
-80°	72.7	80.0	88.3	96.5	103.4	110.5	117.7	125.2	133.0	140.3	147.4
-82.5°	50.6	56.1	61.5	66.8	70.3	73.2	76.0	80.1	87.2	94.0	100.2
-85°	29.6	32.1	35.7	39.2	42.1	44.7	46.9	48.8	52.1	55.6	59.2
-87.5°	14.8	16.0	17.2	18.4	19.5	20.6	21.7	22.7	23.7	24.6	25.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-U-NR-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°	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.6	31.0	29.4	27.7
85°	62.8	65.2	67.4	69.5	71.3	73.0	74.6	75.9	77.1	76.1	74.9
82.5°	105.9	110.1	113.9	117.5	120.7	123.7	126.4	128.8	130.8	130.7	130.1
80°	154.0	160.9	167.9	174.7	181.4	185.5	188.4	190.7	192.2	192.9	193.1
77.5°	207.0	217.7	228.8	239.8	250.5	256.7	261.1	264.7	267.7	268.3	267.7
75°	265.7	279.5	294.7	307.9	319.4	326.5	331.4	335.5	338.9	339.7	339.4
72.5°	334.0	350.9	364.5	375.7	385.4	393.1	399.2	404.4	408.7	410.4	410.7
70°	401.1	417.9	430.8	442.2	451.7	459.6	466.9	473.2	478.4	482.3	485.1
67.5°	469.2	488.3	501.6	511.9	520.0	528.3	538.0	546.5	553.6	558.4	560.8
65°	539.0	558.8	571.6	582.8	592.7	603.2	614.1	622.1	627.4	630.6	632.8
62.5°	606.6	625.0	641.1	656.1	670.4	682.3	689.8	696.5	702.2	707.1	710.7
60°	664.6	688.2	706.2	720.5	734.5	748.1	757.3	764.5	770.3	774.5	777.1
57.5°	714.3	738.2	759.4	773.3	788.5	804.7	815.4	821.5	827.2	832.0	834.2
55°	757.6	779.7	799.3	818.3	835.3	849.9	861.2	869.4	876.4	881.9	883.7
52.5°	796.6	820.6	843.6	863.8	880.6	894.5	905.7	915.9	923.8	929.0	931.4
50°	837.5	863.4	888.1	910.1	927.4	943.0	957.0	969.0	980.6	989.7	996.3
47.5°	877.8	905.5	932.6	957.0	977.6	1000.2	1020.5	1037.7	1054.6	1068.2	1077.6
45°	918.5	950.4	980.0	1011.3	1039.2	1068.9	1096.4	1120.1	1144.6	1163.0	1175.4
42.5°	963.6	999.8	1035.4	1074.5	1112.6	1151.2	1192.9	1230.2	1259.0	1285.9	1307.8
40°	1011.9	1053.4	1099.9	1147.7	1203.9	1254.9	1311.0	1359.2	1402.7	1448.7	1485.3
37.5°	1063.5	1115.4	1176.4	1240.4	1313.1	1382.9	1456.1	1528.1	1590.9	1665.0	1721.6
35°	1120.5	1189.7	1264.9	1351.4	1442.0	1542.0	1642.2	1757.9	1857.5	1967.1	2062.7
32.5°	1188.0	1270.6	1369.2	1483.4	1599.7	1751.4	1893.2	2077.5	2236.8	2410.7	2585.9
30°	1257.4	1365.4	1492.7	1636.5	1821.4	2030.0	2262.5	2536.7	2819.4	3092.8	3422.8
27.5°	1343.4	1473.7	1627.9	1838.1	2110.2	2392.1	2792.0	3203.6	3723.1	4152.8	4758.6
25°	1432.8	1586.1	1805.2	2091.1	2446.2	2935.6	3542.4	4200.0	5114.1	5917.3	6859.1
22.5°	1530.1	1737.1	2009.6	2362.5	2901.0	3652.2	4571.0	5809.1	7157.4	8588.8	10012.6
20°	1631.4	1881.9	2239.1	2750.6	3489.5	4506.9	6084.1	7995.5	9921.6	12283.5	14375.0
17.5°	1748.8	2067.6	2507.8	3147.4	4133.5	5691.8	7880.0	10548.4	13536.5	16932.5	19947.6
15°	1846.5	2226.7	2782.3	3677.2	5033.4	7034.6	9794.0	13464.9	17955.3	22516.2	27143.4
12.5°	1960.1	2399.7	3052.3	4119.4	5822.7	8482.4	12238.4	16884.7	22492.7	28818.8	36276.4
10°	2060.8	2569.7	3380.9	4701.7	6783.3	9992.3	14550.7	20140.4	27377.7	36479.5	48028.2
7.5°	2135.5	2704.9	3634.6	5144.9	7613.8	11443.9	16735.4	23705.7	32901.8	44920.7	60770.4
5°	2184.0	2802.8	3814.0	5486.9	8263.9	12524.3	18336.5	26234.4	37328.8	54327.6	81167.0
2.5°	2213.1	2860.7	3916.5	5687.5	8659.3	13240.2	19554.6	28146.5	40197.9	60141.0	94285.8
0°	2226.0	2876.9	3977.8	5793.9	8791.4	13516.5	20114.0	29017.9	41481.7	61499.3	96592.4
-2.5°	2213.1	2860.7	3916.5	5687.5	8659.3	13240.2	19554.6	28146.5	40197.9	60141.0	94285.8
-5°	2184.0	2802.8	3814.0	5486.9	8263.9	12524.3	18336.5	26234.4	37328.8	54327.6	81167.0
-7.5°	2135.5	2704.9	3634.6	5144.9	7613.8	11443.9	16735.4	23705.7	32901.8	44920.7	60770.4
-10°	2060.8	2569.7	3380.9	4701.7	6783.3	9992.3	14550.7	20140.4	27377.7	36479.5	48028.2
-12.5°	1960.1	2399.7	3052.3	4119.4	5822.7	8482.4	12238.4	16884.7	22492.7	28818.8	36276.4
-15°	1846.5	2226.7	2782.3	3677.2	5033.4	7034.6	9794.0	13464.9	17955.3	22516.2	27143.4
-17.5°	1748.8	2067.6	2507.8	3147.4	4133.5	5691.8	7880.0	10548.4	13536.5	16932.5	19947.6
-20°	1631.4	1881.9	2239.1	2750.6	3489.5	4506.9	6084.1	7995.5	9921.6	12283.5	14375.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1530.1	1737.1	2009.6	2362.5	2901.0	3652.2	4571.0	5809.1	7157.4	8588.8	10012.6
-25°	1432.8	1586.1	1805.2	2091.1	2446.2	2935.6	3542.4	4200.0	5114.1	5917.3	6859.1
-27.5°	1343.4	1473.7	1627.9	1838.1	2110.2	2392.1	2792.0	3203.6	3723.1	4152.8	4758.6
-30°	1257.4	1365.4	1492.7	1636.5	1821.4	2030.0	2262.5	2536.7	2819.4	3092.8	3422.8
-32.5°	1188.0	1270.6	1369.2	1483.4	1599.7	1751.4	1893.2	2077.5	2236.8	2410.7	2585.9
-35°	1120.5	1189.7	1264.9	1351.4	1442.0	1542.0	1642.2	1757.9	1857.5	1967.1	2062.7
-37.5°	1063.5	1115.4	1176.4	1240.4	1313.1	1382.9	1456.1	1528.1	1590.9	1665.0	1721.6
-40°	1011.9	1053.4	1099.9	1147.7	1203.9	1254.9	1311.0	1359.2	1402.7	1448.7	1485.3
-42.5°	963.6	999.8	1035.4	1074.5	1112.6	1151.2	1192.9	1230.2	1259.0	1285.9	1307.8
-45°	918.5	950.4	980.0	1011.3	1039.2	1068.9	1096.4	1120.1	1144.6	1163.0	1175.4
-47.5°	877.8	905.5	932.6	957.0	977.6	1000.2	1020.5	1037.7	1054.6	1068.2	1077.6
-50°	837.5	863.4	888.1	910.1	927.4	943.0	957.0	969.0	980.6	989.7	996.3
-52.5°	796.6	820.6	843.6	863.8	880.6	894.5	905.7	915.9	923.8	929.0	931.4
-55°	757.6	779.7	799.3	818.3	835.3	849.9	861.2	869.4	876.4	881.9	883.7
-57.5°	714.3	738.2	759.4	773.3	788.5	804.7	815.4	821.5	827.2	832.0	834.2
-60°	664.6	688.2	706.2	720.5	734.5	748.1	757.3	764.5	770.3	774.5	777.1
-62.5°	606.6	625.0	641.1	656.1	670.4	682.3	689.8	696.5	702.2	707.1	710.7
-65°	539.0	558.8	571.6	582.8	592.7	603.2	614.1	622.1	627.4	630.6	632.8
-67.5°	469.2	488.3	501.6	511.9	520.0	528.3	538.0	546.5	553.6	558.4	560.8
-70°	401.1	417.9	430.8	442.2	451.7	459.6	466.9	473.2	478.4	482.3	485.1
-72.5°	334.0	350.9	364.5	375.7	385.4	393.1	399.2	404.4	408.7	410.4	410.7
-75°	265.7	279.5	294.7	307.9	319.4	326.5	331.4	335.5	338.9	339.7	339.4
-77.5°	207.0	217.7	228.8	239.8	250.5	256.7	261.1	264.7	267.7	268.3	267.7
-80°	154.0	160.9	167.9	174.7	181.4	185.5	188.4	190.7	192.2	192.9	193.1
-82.5°	105.9	110.1	113.9	117.5	120.7	123.7	126.4	128.8	130.8	130.7	130.1
-85°	62.8	65.2	67.4	69.5	71.3	73.0	74.6	75.9	77.1	76.1	74.9
-87.5°	26.3	27.1	27.8	28.5	29.1	29.7	30.2	30.6	31.0	29.4	27.7
-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: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-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°	25.9	24.0	24.1	24.1	24.1	24.0	25.9	27.7	29.4	31.0	30.6
85°	73.5	71.9	72.2	72.3	72.2	71.9	73.5	74.9	76.1	77.1	75.9
82.5°	129.2	128.0	128.4	128.6	128.4	128.0	129.2	130.1	130.7	130.8	128.8
80°	192.8	192.0	188.7	184.8	188.7	192.0	192.8	193.1	192.9	192.2	190.7
77.5°	266.3	264.0	260.9	257.2	260.9	264.0	266.3	267.7	268.3	267.7	264.7
75°	338.1	336.1	337.1	337.5	337.1	336.1	338.1	339.4	339.7	338.9	335.5
72.5°	409.9	408.2	409.3	409.8	409.3	408.2	409.9	410.7	410.4	408.7	404.4
70°	487.0	487.9	485.8	482.2	485.8	487.9	487.0	485.1	482.3	478.4	473.2
67.5°	561.4	560.5	558.2	554.5	558.2	560.5	561.4	560.8	558.4	553.6	546.5
65°	633.5	632.7	634.0	634.8	634.0	632.7	633.5	632.8	630.6	627.4	622.1
62.5°	712.5	712.6	710.8	707.2	710.8	712.6	712.5	710.7	707.1	702.2	696.5
60°	778.1	777.5	775.3	771.5	775.3	777.5	778.1	777.1	774.5	770.3	764.5
57.5°	834.9	834.1	831.7	827.7	831.7	834.1	834.9	834.2	832.0	827.2	821.5
55°	884.0	882.8	880.1	875.9	880.1	882.8	884.0	883.7	881.9	876.4	869.4
52.5°	932.0	931.0	931.3	932.2	931.3	931.0	932.0	931.4	929.0	923.8	915.9
50°	1000.3	1001.7	1000.4	996.5	1000.4	1001.7	1000.3	996.3	989.7	980.6	969.0
47.5°	1082.1	1082.6	1080.7	1076.8	1080.7	1082.6	1082.1	1077.6	1068.2	1054.6	1037.7
45°	1185.2	1191.0	1192.6	1189.3	1192.6	1191.0	1185.2	1175.4	1163.0	1144.6	1120.1
42.5°	1324.7	1333.8	1336.5	1334.0	1336.5	1333.8	1324.7	1307.8	1285.9	1259.0	1230.2
40°	1507.8	1518.2	1520.2	1518.8	1520.2	1518.2	1507.8	1485.3	1448.7	1402.7	1359.2
37.5°	1761.3	1786.7	1798.7	1800.1	1798.7	1786.7	1761.3	1721.6	1665.0	1590.9	1528.1
35°	2135.4	2185.9	2213.0	2226.0	2213.0	2185.9	2135.4	2062.7	1967.1	1857.5	1757.9
32.5°	2718.7	2819.7	2875.7	2868.8	2875.7	2819.7	2718.7	2585.9	2410.7	2236.8	2077.5
30°	3671.4	3848.1	3937.1	3913.5	3937.1	3848.1	3671.4	3422.8	3092.8	2819.4	2536.7
27.5°	5193.7	5513.1	5697.7	5673.4	5697.7	5513.1	5193.7	4758.6	4152.8	3723.1	3203.6
25°	7646.5	8229.3	8602.5	8510.1	8602.5	8229.3	7646.5	6859.1	5917.3	5114.1	4200.0
22.5°	11377.6	12365.0	13018.5	12937.9	13018.5	12365.0	11377.6	10012.6	8588.8	7157.4	5809.1
20°	16495.7	17998.6	19071.8	19214.0	19071.8	17998.6	16495.7	14375.0	12283.5	9921.6	7995.5
17.5°	23204.5	25587.5	27246.4	27523.2	27246.4	25587.5	23204.5	19947.6	16932.5	13536.5	10548.4
15°	31923.6	35818.5	38637.3	38870.0	38637.3	35818.5	31923.6	27143.4	22516.2	17955.3	13464.9
12.5°	43762.8	51596.5	56709.1	58959.9	56709.1	51596.5	43762.8	36276.4	28818.8	22492.7	16884.7
10°	60147.6	78141.2	89664.6	93996.7	89664.6	78141.2	60147.6	48028.2	36479.5	27377.7	20140.4
7.5°	87515.2	115765.7	147172.8	160558.7	147172.8	115765.7	87515.2	60770.4	44920.7	32901.8	23705.7
5°	118506.9	177137.9	232906.5	254684.0	232906.5	177137.9	118506.9	81167.0	54327.6	37328.8	26234.4
2.5°	151118.0	232841.2	309422.0	339371.1	309422.0	232841.2	151118.0	94285.8	60141.0	40197.9	28146.5
0°	163853.5	257231.4	341488.6	375070.9	341488.6	257231.4	163853.5	96592.4	61499.3	41481.7	29017.9
-2.5°	151118.0	232841.2	309422.0	339371.1	309422.0	232841.2	151118.0	94285.8	60141.0	40197.9	28146.5
-5°	118506.9	177137.9	232906.5	254684.0	232906.5	177137.9	118506.9	81167.0	54327.6	37328.8	26234.4
-7.5°	87515.2	115765.7	147172.8	160558.7	147172.8	115765.7	87515.2	60770.4	44920.7	32901.8	23705.7
-10°	60147.6	78141.2	89664.6	93996.7	89664.6	78141.2	60147.6	48028.2	36479.5	27377.7	20140.4
-12.5°	43762.8	51596.5	56709.1	58959.9	56709.1	51596.5	43762.8	36276.4	28818.8	22492.7	16884.7
-15°	31923.6	35818.5	38637.3	38870.0	38637.3	35818.5	31923.6	27143.4	22516.2	17955.3	13464.9
-17.5°	23204.5	25587.5	27246.4	27523.2	27246.4	25587.5	23204.5	19947.6	16932.5	13536.5	10548.4
-20°	16495.7	17998.6	19071.8	19214.0	19071.8	17998.6	16495.7	14375.0	12283.5	9921.6	7995.5



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11377.6	12365.0	13018.5	12937.9	13018.5	12365.0	11377.6	10012.6	8588.8	7157.4	5809.1
-25°	7646.5	8229.3	8602.5	8510.1	8602.5	8229.3	7646.5	6859.1	5917.3	5114.1	4200.0
-27.5°	5193.7	5513.1	5697.7	5673.4	5697.7	5513.1	5193.7	4758.6	4152.8	3723.1	3203.6
-30°	3671.4	3848.1	3937.1	3913.5	3937.1	3848.1	3671.4	3422.8	3092.8	2819.4	2536.7
-32.5°	2718.7	2819.7	2875.7	2868.8	2875.7	2819.7	2718.7	2585.9	2410.7	2236.8	2077.5
-35°	2135.4	2185.9	2213.0	2226.0	2213.0	2185.9	2135.4	2062.7	1967.1	1857.5	1757.9
-37.5°	1761.3	1786.7	1798.7	1800.1	1798.7	1786.7	1761.3	1721.6	1665.0	1590.9	1528.1
-40°	1507.8	1518.2	1520.2	1518.8	1520.2	1518.2	1507.8	1485.3	1448.7	1402.7	1359.2
-42.5°	1324.7	1333.8	1336.5	1334.0	1336.5	1333.8	1324.7	1307.8	1285.9	1259.0	1230.2
-45°	1185.2	1191.0	1192.6	1189.3	1192.6	1191.0	1185.2	1175.4	1163.0	1144.6	1120.1
-47.5°	1082.1	1082.6	1080.7	1076.8	1080.7	1082.6	1082.1	1077.6	1068.2	1054.6	1037.7
-50°	1000.3	1001.7	1000.4	996.5	1000.4	1001.7	1000.3	996.3	989.7	980.6	969.0
-52.5°	932.0	931.0	931.3	932.2	931.3	931.0	932.0	931.4	929.0	923.8	915.9
-55°	884.0	882.8	880.1	875.9	880.1	882.8	884.0	883.7	881.9	876.4	869.4
-57.5°	834.9	834.1	831.7	827.7	831.7	834.1	834.9	834.2	832.0	827.2	821.5
-60°	778.1	777.5	775.3	771.5	775.3	777.5	778.1	777.1	774.5	770.3	764.5
-62.5°	712.5	712.6	710.8	707.2	710.8	712.6	712.5	710.7	707.1	702.2	696.5
-65°	633.5	632.7	634.0	634.8	634.0	632.7	633.5	632.8	630.6	627.4	622.1
-67.5°	561.4	560.5	558.2	554.5	558.2	560.5	561.4	560.8	558.4	553.6	546.5
-70°	487.0	487.9	485.8	482.2	485.8	487.9	487.0	485.1	482.3	478.4	473.2
-72.5°	409.9	408.2	409.3	409.8	409.3	408.2	409.9	410.7	410.4	408.7	404.4
-75°	338.1	336.1	337.1	337.5	337.1	336.1	338.1	339.4	339.7	338.9	335.5
-77.5°	266.3	264.0	260.9	257.2	260.9	264.0	266.3	267.7	268.3	267.7	264.7
-80°	192.8	192.0	188.7	184.8	188.7	192.0	192.8	193.1	192.9	192.2	190.7
-82.5°	129.2	128.0	128.4	128.6	128.4	128.0	129.2	130.1	130.7	130.8	128.8
-85°	73.5	71.9	72.2	72.3	72.2	71.9	73.5	74.9	76.1	77.1	75.9
-87.5°	25.9	24.0	24.1	24.1	24.1	24.0	25.9	27.7	29.4	31.0	30.6
-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: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-U-NR-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°	30.2	29.7	29.1	28.5	27.8	27.1	26.3	25.5	24.6	23.7	22.7
85°	74.6	73.0	71.3	69.5	67.4	65.2	62.8	59.2	55.6	52.1	48.8
82.5°	126.4	123.7	120.7	117.5	113.9	110.1	105.9	100.2	94.0	87.2	80.1
80°	188.4	185.5	181.4	174.7	167.9	160.9	154.0	147.4	140.3	133.0	125.2
77.5°	261.1	256.7	250.5	239.8	228.8	217.7	207.0	198.0	189.2	179.9	170.1
75°	331.4	326.5	319.4	307.9	294.7	279.5	265.7	254.4	242.4	229.8	216.7
72.5°	399.2	393.1	385.4	375.7	364.5	350.9	334.0	316.0	298.8	282.4	266.7
70°	466.9	459.6	451.7	442.2	430.8	417.9	401.1	380.7	357.6	335.1	318.2
67.5°	538.0	528.3	520.0	511.9	501.6	488.3	469.2	448.2	425.3	399.3	375.1
65°	614.1	603.2	592.7	582.8	571.6	558.8	539.0	515.9	491.1	465.2	437.9
62.5°	689.8	682.3	670.4	656.1	641.1	625.0	606.6	583.9	557.2	527.0	497.0
60°	757.3	748.1	734.5	720.5	706.2	688.2	664.6	643.7	625.8	591.6	555.7
57.5°	815.4	804.7	788.5	773.3	759.4	738.2	714.3	690.7	667.5	643.7	612.9
55°	861.2	849.9	835.3	818.3	799.3	779.7	757.6	732.3	707.8	686.1	657.6
52.5°	905.7	894.5	880.6	863.8	843.6	820.6	796.6	771.5	748.4	726.1	700.6
50°	957.0	943.0	927.4	910.1	888.1	863.4	837.5	810.5	786.8	764.0	739.8
47.5°	1020.5	1000.2	977.6	957.0	932.6	905.5	877.8	850.7	824.8	798.0	773.6
45°	1096.4	1068.9	1039.2	1011.3	980.0	950.4	918.5	890.2	862.4	833.4	803.4
42.5°	1192.9	1151.2	1112.6	1074.5	1035.4	999.8	963.6	930.6	899.2	868.3	835.9
40°	1311.0	1254.9	1203.9	1147.7	1099.9	1053.4	1011.9	970.6	935.9	902.3	866.5
37.5°	1456.1	1382.9	1313.1	1240.4	1176.4	1115.4	1063.5	1016.0	970.7	934.1	896.4
35°	1642.2	1542.0	1442.0	1351.4	1264.9	1189.7	1120.5	1063.5	1011.9	964.6	925.0
32.5°	1893.2	1751.4	1599.7	1483.4	1369.2	1270.6	1188.0	1115.4	1053.4	999.8	952.4
30°	2262.5	2030.0	1821.4	1636.5	1492.7	1365.4	1257.4	1173.5	1099.9	1035.4	980.0
27.5°	2792.0	2392.1	2110.2	1838.1	1627.9	1473.7	1343.4	1233.3	1146.8	1074.5	1010.8
25°	3542.4	2935.6	2446.2	2091.1	1805.2	1586.1	1432.8	1305.1	1199.2	1112.2	1035.5
22.5°	4571.0	3652.2	2901.0	2362.5	2009.6	1737.1	1530.1	1376.0	1247.1	1145.1	1061.8
20°	6084.1	4506.9	3489.5	2750.6	2239.1	1881.9	1631.4	1450.1	1301.1	1179.4	1084.7
17.5°	7880.0	5691.8	4133.5	3147.4	2507.8	2067.6	1748.8	1518.3	1350.1	1209.2	1103.4
15°	9794.0	7034.6	5033.4	3677.2	2782.3	2226.7	1846.5	1578.6	1396.8	1242.2	1126.6
12.5°	12238.4	8482.4	5822.7	4119.4	3052.3	2399.7	1960.1	1655.2	1442.7	1277.6	1150.8
10°	14550.7	9992.3	6783.3	4701.7	3380.9	2569.7	2060.8	1714.0	1478.3	1305.9	1170.4
7.5°	16735.4	11443.9	7613.8	5144.9	3634.6	2704.9	2135.5	1756.5	1503.6	1325.7	1185.4
5°	18336.5	12524.3	8263.9	5486.9	3814.0	2802.8	2184.0	1783.0	1518.6	1337.3	1195.6
2.5°	19554.6	13240.2	8659.3	5687.5	3916.5	2860.7	2213.1	1803.1	1533.3	1346.6	1206.9
0°	20114.0	13516.5	8791.4	5793.9	3977.8	2876.9	2226.0	1816.1	1542.9	1350.0	1213.4
-2.5°	19554.6	13240.2	8659.3	5687.5	3916.5	2860.7	2213.1	1803.1	1533.3	1346.6	1206.9
-5°	18336.5	12524.3	8263.9	5486.9	3814.0	2802.8	2184.0	1783.0	1518.6	1337.3	1195.6
-7.5°	16735.4	11443.9	7613.8	5144.9	3634.6	2704.9	2135.5	1756.5	1503.6	1325.7	1185.4
-10°	14550.7	9992.3	6783.3	4701.7	3380.9	2569.7	2060.8	1714.0	1478.3	1305.9	1170.4
-12.5°	12238.4	8482.4	5822.7	4119.4	3052.3	2399.7	1960.1	1655.2	1442.7	1277.6	1150.8
-15°	9794.0	7034.6	5033.4	3677.2	2782.3	2226.7	1846.5	1578.6	1396.8	1242.2	1126.6
-17.5°	7880.0	5691.8	4133.5	3147.4	2507.8	2067.6	1748.8	1518.3	1350.1	1209.2	1103.4
-20°	6084.1	4506.9	3489.5	2750.6	2239.1	1881.9	1631.4	1450.1	1301.1	1179.4	1084.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4571.0	3652.2	2901.0	2362.5	2009.6	1737.1	1530.1	1376.0	1247.1	1145.1	1061.8
-25°	3542.4	2935.6	2446.2	2091.1	1805.2	1586.1	1432.8	1305.1	1199.2	1112.2	1035.5
-27.5°	2792.0	2392.1	2110.2	1838.1	1627.9	1473.7	1343.4	1233.3	1146.8	1074.5	1010.8
-30°	2262.5	2030.0	1821.4	1636.5	1492.7	1365.4	1257.4	1173.5	1099.9	1035.4	980.0
-32.5°	1893.2	1751.4	1599.7	1483.4	1369.2	1270.6	1188.0	1115.4	1053.4	999.8	952.4
-35°	1642.2	1542.0	1442.0	1351.4	1264.9	1189.7	1120.5	1063.5	1011.9	964.6	925.0
-37.5°	1456.1	1382.9	1313.1	1240.4	1176.4	1115.4	1063.5	1016.0	970.7	934.1	896.4
-40°	1311.0	1254.9	1203.9	1147.7	1099.9	1053.4	1011.9	970.6	935.9	902.3	866.5
-42.5°	1192.9	1151.2	1112.6	1074.5	1035.4	999.8	963.6	930.6	899.2	868.3	835.9
-45°	1096.4	1068.9	1039.2	1011.3	980.0	950.4	918.5	890.2	862.4	833.4	803.4
-47.5°	1020.5	1000.2	977.6	957.0	932.6	905.5	877.8	850.7	824.8	798.0	773.6
-50°	957.0	943.0	927.4	910.1	888.1	863.4	837.5	810.5	786.8	764.0	739.8
-52.5°	905.7	894.5	880.6	863.8	843.6	820.6	796.6	771.5	748.4	726.1	700.6
-55°	861.2	849.9	835.3	818.3	799.3	779.7	757.6	732.3	707.8	686.1	657.6
-57.5°	815.4	804.7	788.5	773.3	759.4	738.2	714.3	690.7	667.5	643.7	612.9
-60°	757.3	748.1	734.5	720.5	706.2	688.2	664.6	643.7	625.8	591.6	555.7
-62.5°	689.8	682.3	670.4	656.1	641.1	625.0	606.6	583.9	557.2	527.0	497.0
-65°	614.1	603.2	592.7	582.8	571.6	558.8	539.0	515.9	491.1	465.2	437.9
-67.5°	538.0	528.3	520.0	511.9	501.6	488.3	469.2	448.2	425.3	399.3	375.1
-70°	466.9	459.6	451.7	442.2	430.8	417.9	401.1	380.7	357.6	335.1	318.2
-72.5°	399.2	393.1	385.4	375.7	364.5	350.9	334.0	316.0	298.8	282.4	266.7
-75°	331.4	326.5	319.4	307.9	294.7	279.5	265.7	254.4	242.4	229.8	216.7
-77.5°	261.1	256.7	250.5	239.8	228.8	217.7	207.0	198.0	189.2	179.9	170.1
-80°	188.4	185.5	181.4	174.7	167.9	160.9	154.0	147.4	140.3	133.0	125.2
-82.5°	126.4	123.7	120.7	117.5	113.9	110.1	105.9	100.2	94.0	87.2	80.1
-85°	74.6	73.0	71.3	69.5	67.4	65.2	62.8	59.2	55.6	52.1	48.8
-87.5°	30.2	29.7	29.1	28.5	27.8	27.1	26.3	25.5	24.6	23.7	22.7
-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: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-U-NR-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°	21.7	20.6	19.5	18.4	17.2	16.0	14.8	13.6	12.3	11.0	9.6
85°	46.9	44.7	42.1	39.2	35.7	32.1	29.6	27.1	24.5	21.9	19.3
82.5°	76.0	73.2	70.3	66.8	61.5	56.1	50.6	44.9	39.1	33.2	28.9
80°	117.7	110.5	103.4	96.5	88.3	80.0	72.7	65.1	57.4	49.6	41.6
77.5°	160.0	149.4	138.4	128.3	118.1	107.7	96.9	86.0	75.6	65.8	55.9
75°	202.9	190.0	176.9	163.3	149.3	135.1	122.3	109.2	95.8	82.2	70.0
72.5°	250.7	234.0	216.7	199.1	182.8	166.1	149.0	132.1	116.5	100.7	84.6
70°	300.4	279.9	259.2	239.6	218.7	197.0	177.4	157.5	137.1	119.0	100.7
67.5°	352.6	331.6	307.3	281.1	257.6	233.0	206.6	183.1	160.3	137.1	116.5
65°	410.0	383.6	358.4	328.1	298.3	269.8	241.1	210.0	183.1	157.5	132.1
62.5°	465.9	434.2	403.9	372.7	340.3	307.4	275.0	240.2	206.3	177.4	149.0
60°	521.3	486.1	448.5	413.1	379.2	344.6	307.8	269.5	232.3	197.0	166.1
57.5°	573.9	537.0	494.5	453.0	414.9	378.7	339.4	297.8	257.4	218.3	182.8
55°	622.8	581.7	537.6	492.6	449.7	409.9	369.1	325.1	281.6	239.6	198.7
52.5°	668.0	624.9	577.8	530.1	483.3	440.0	396.9	351.2	304.9	260.0	216.0
50°	710.0	667.9	617.7	566.5	515.3	469.6	424.3	376.4	327.1	279.5	232.9
47.5°	746.4	706.4	658.0	602.5	547.9	498.7	451.2	401.0	348.2	298.1	249.2
45°	776.1	742.1	695.5	639.7	581.1	528.9	477.5	425.0	369.8	316.0	264.8
42.5°	803.6	772.0	729.9	676.0	615.3	558.7	503.3	448.4	390.9	333.1	279.8
40°	831.8	798.2	762.0	707.7	647.3	587.3	529.3	471.2	411.2	350.0	294.0
37.5°	858.0	823.1	786.4	737.2	676.0	614.2	554.1	493.2	430.1	366.8	307.5
35°	884.6	845.6	807.6	760.2	701.1	638.7	577.8	514.4	448.0	382.5	320.3
32.5°	910.1	866.5	825.4	779.0	724.0	660.7	598.9	532.8	464.7	396.9	332.3
30°	933.4	886.0	842.5	797.2	743.5	680.0	616.7	549.6	480.2	410.1	343.5
27.5°	952.0	902.1	858.9	812.8	759.0	697.3	632.4	564.6	494.5	422.3	354.2
25°	970.5	917.1	871.9	827.1	773.6	714.8	647.0	578.0	507.1	433.8	363.8
22.5°	991.1	930.9	882.1	840.6	788.5	731.6	660.8	589.5	517.9	444.1	372.4
20°	1009.3	943.0	889.8	851.2	800.4	744.1	674.0	600.0	527.3	453.3	379.8
17.5°	1025.3	955.8	899.8	857.5	809.7	754.9	686.2	609.3	535.2	461.3	386.2
15°	1042.0	969.3	908.8	862.6	817.2	763.9	697.3	617.3	541.6	468.0	391.9
12.5°	1056.8	980.3	916.0	866.5	822.9	771.1	707.0	624.0	546.5	473.7	397.1
10°	1069.1	988.8	921.4	869.2	826.9	776.7	715.4	630.4	551.9	478.1	401.5
7.5°	1078.8	994.7	924.9	870.7	829.7	781.1	722.5	637.8	556.4	481.1	405.1
5°	1085.8	999.3	930.3	875.7	833.0	784.7	727.5	643.7	559.7	482.7	407.7
2.5°	1091.1	1003.3	936.2	880.5	835.0	786.8	730.4	648.2	561.8	483.1	409.3
0°	1092.9	1004.5	940.2	884.0	835.7	787.5	731.3	650.9	562.5	482.2	409.8
-2.5°	1091.1	1003.3	936.2	880.5	835.0	786.8	730.4	648.2	561.8	483.1	409.3
-5°	1085.8	999.3	930.3	875.7	833.0	784.7	727.5	643.7	559.7	482.7	407.7
-7.5°	1078.8	994.7	924.9	870.7	829.7	781.1	722.5	637.8	556.4	481.1	405.1
-10°	1069.1	988.8	921.4	869.2	826.9	776.7	715.4	630.4	551.9	478.1	401.5
-12.5°	1056.8	980.3	916.0	866.5	822.9	771.1	707.0	624.0	546.5	473.7	397.1
-15°	1042.0	969.3	908.8	862.6	817.2	763.9	697.3	617.3	541.6	468.0	391.9
-17.5°	1025.3	955.8	899.8	857.5	809.7	754.9	686.2	609.3	535.2	461.3	386.2
-20°	1009.3	943.0	889.8	851.2	800.4	744.1	674.0	600.0	527.3	453.3	379.8



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	991.1	930.9	882.1	840.6	788.5	731.6	660.8	589.5	517.9	444.1	372.4
-25°	970.5	917.1	871.9	827.1	773.6	714.8	647.0	578.0	507.1	433.8	363.8
-27.5°	952.0	902.1	858.9	812.8	759.0	697.3	632.4	564.6	494.5	422.3	354.2
-30°	933.4	886.0	842.5	797.2	743.5	680.0	616.7	549.6	480.2	410.1	343.5
-32.5°	910.1	866.5	825.4	779.0	724.0	660.7	598.9	532.8	464.7	396.9	332.3
-35°	884.6	845.6	807.6	760.2	701.1	638.7	577.8	514.4	448.0	382.5	320.3
-37.5°	858.0	823.1	786.4	737.2	676.0	614.2	554.1	493.2	430.1	366.8	307.5
-40°	831.8	798.2	762.0	707.7	647.3	587.3	529.3	471.2	411.2	350.0	294.0
-42.5°	803.6	772.0	729.9	676.0	615.3	558.7	503.3	448.4	390.9	333.1	279.8
-45°	776.1	742.1	695.5	639.7	581.1	528.9	477.5	425.0	369.8	316.0	264.8
-47.5°	746.4	706.4	658.0	602.5	547.9	498.7	451.2	401.0	348.2	298.1	249.2
-50°	710.0	667.9	617.7	566.5	515.3	469.6	424.3	376.4	327.1	279.5	232.9
-52.5°	668.0	624.9	577.8	530.1	483.3	440.0	396.9	351.2	304.9	260.0	216.0
-55°	622.8	581.7	537.6	492.6	449.7	409.9	369.1	325.1	281.6	239.6	198.7
-57.5°	573.9	537.0	494.5	453.0	414.9	378.7	339.4	297.8	257.4	218.3	182.8
-60°	521.3	486.1	448.5	413.1	379.2	344.6	307.8	269.5	232.3	197.0	166.1
-62.5°	465.9	434.2	403.9	372.7	340.3	307.4	275.0	240.2	206.3	177.4	149.0
-65°	410.0	383.6	358.4	328.1	298.3	269.8	241.1	210.0	183.1	157.5	132.1
-67.5°	352.6	331.6	307.3	281.1	257.6	233.0	206.6	183.1	160.3	137.1	116.5
-70°	300.4	279.9	259.2	239.6	218.7	197.0	177.4	157.5	137.1	119.0	100.7
-72.5°	250.7	234.0	216.7	199.1	182.8	166.1	149.0	132.1	116.5	100.7	84.6
-75°	202.9	190.0	176.9	163.3	149.3	135.1	122.3	109.2	95.8	82.2	70.0
-77.5°	160.0	149.4	138.4	128.3	118.1	107.7	96.9	86.0	75.6	65.8	55.9
-80°	117.7	110.5	103.4	96.5	88.3	80.0	72.7	65.1	57.4	49.6	41.6
-82.5°	76.0	73.2	70.3	66.8	61.5	56.1	50.6	44.9	39.1	33.2	28.9
-85°	46.9	44.7	42.1	39.2	35.7	32.1	29.6	27.1	24.5	21.9	19.3
-87.5°	21.7	20.6	19.5	18.4	17.2	16.0	14.8	13.6	12.3	11.0	9.6
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-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°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
85°	16.6	13.9	11.1	8.4	5.6	2.4	0.0
82.5°	24.9	20.8	16.7	12.5	8.4	3.7	0.0
80°	33.6	27.7	22.2	16.7	11.1	4.9	0.0
77.5°	45.8	35.5	27.7	20.8	13.8	6.1	0.0
75°	57.8	45.2	33.4	24.9	16.5	7.2	0.0
72.5°	69.6	54.7	40.8	28.9	19.1	8.4	0.0
70°	81.5	64.0	47.9	33.1	21.6	9.5	0.0
67.5°	94.9	73.1	55.0	38.2	24.1	10.6	0.0
65°	108.1	83.0	61.8	43.1	26.5	11.7	0.0
62.5°	121.0	93.8	68.5	48.0	28.8	12.8	0.0
60°	133.6	104.3	75.0	52.7	31.0	13.8	0.0
57.5°	147.5	114.6	83.1	57.2	33.9	14.8	0.0
55°	161.2	124.5	91.0	61.6	36.7	15.7	0.0
52.5°	174.5	134.4	98.7	65.8	39.5	16.6	0.0
50°	187.3	145.1	106.2	69.9	42.2	17.5	0.0
47.5°	199.9	155.4	113.4	74.1	44.8	18.3	0.0
45°	213.3	165.3	120.2	79.2	47.3	19.0	0.0
42.5°	226.0	174.7	126.8	84.1	49.8	19.8	0.0
40°	238.2	183.7	133.5	88.9	52.1	20.4	0.0
37.5°	249.8	192.2	140.3	93.6	54.4	21.0	0.0
35°	260.7	200.8	146.7	97.9	56.5	21.6	0.0
32.5°	270.9	209.3	152.6	102.0	58.5	22.1	0.0
30°	280.4	217.2	158.2	105.9	60.4	22.6	0.0
27.5°	289.2	224.5	163.6	109.4	62.2	23.0	0.0
25°	297.2	231.1	168.6	112.7	63.9	23.4	0.0
22.5°	304.5	237.1	173.1	115.7	65.4	23.7	0.0
20°	311.0	242.3	177.2	118.4	66.8	23.9	0.0
17.5°	316.4	246.8	180.9	120.7	68.1	24.1	0.0
15°	320.7	250.4	184.1	122.8	69.1	24.3	0.0
12.5°	324.3	253.3	186.7	124.6	70.1	24.4	0.0
10°	327.0	255.5	189.0	126.0	70.9	24.4	0.0
7.5°	328.9	256.9	190.7	127.1	71.5	24.4	0.0
5°	330.0	257.7	191.9	128.0	71.9	24.4	0.0
2.5°	330.1	257.8	192.7	128.4	72.2	24.3	0.0
0°	329.5	257.2	192.9	128.6	72.3	24.1	0.0
-2.5°	330.1	257.8	192.7	128.4	72.2	24.3	0.0
-5°	330.0	257.7	191.9	128.0	71.9	24.4	0.0
-7.5°	328.9	256.9	190.7	127.1	71.5	24.4	0.0
-10°	327.0	255.5	189.0	126.0	70.9	24.4	0.0
-12.5°	324.3	253.3	186.7	124.6	70.1	24.4	0.0
-15°	320.7	250.4	184.1	122.8	69.1	24.3	0.0
-17.5°	316.4	246.8	180.9	120.7	68.1	24.1	0.0
-20°	311.0	242.3	177.2	118.4	66.8	23.9	0.0

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Scaled Data Report



REPORT NUMBER: P627919 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	304.5	237.1	173.1	115.7	65.4	23.7	0.0
-25°	297.2	231.1	168.6	112.7	63.9	23.4	0.0
-27.5°	289.2	224.5	163.6	109.4	62.2	23.0	0.0
-30°	280.4	217.2	158.2	105.9	60.4	22.6	0.0
-32.5°	270.9	209.3	152.6	102.0	58.5	22.1	0.0
-35°	260.7	200.8	146.7	97.9	56.5	21.6	0.0
-37.5°	249.8	192.2	140.3	93.6	54.4	21.0	0.0
-40°	238.2	183.7	133.5	88.9	52.1	20.4	0.0
-42.5°	226.0	174.7	126.8	84.1	49.8	19.8	0.0
-45°	213.3	165.3	120.2	79.2	47.3	19.0	0.0
-47.5°	199.9	155.4	113.4	74.1	44.8	18.3	0.0
-50°	187.3	145.1	106.2	69.9	42.2	17.5	0.0
-52.5°	174.5	134.4	98.7	65.8	39.5	16.6	0.0
-55°	161.2	124.5	91.0	61.6	36.7	15.7	0.0
-57.5°	147.5	114.6	83.1	57.2	33.9	14.8	0.0
-60°	133.6	104.3	75.0	52.7	31.0	13.8	0.0
-62.5°	121.0	93.8	68.5	48.0	28.8	12.8	0.0
-65°	108.1	83.0	61.8	43.1	26.5	11.7	0.0
-67.5°	94.9	73.1	55.0	38.2	24.1	10.6	0.0
-70°	81.5	64.0	47.9	33.1	21.6	9.5	0.0
-72.5°	69.6	54.7	40.8	28.9	19.1	8.4	0.0
-75°	57.8	45.2	33.4	24.9	16.5	7.2	0.0
-77.5°	45.8	35.5	27.7	20.8	13.8	6.1	0.0
-80°	33.6	27.7	22.2	16.7	11.1	4.9	0.0
-82.5°	24.9	20.8	16.7	12.5	8.4	3.7	0.0
-85°	16.6	13.9	11.1	8.4	5.6	2.4	0.0
-87.5°	8.3	6.9	5.6	4.2	2.8	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)