

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: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626947 (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-SA2D-722-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N37  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

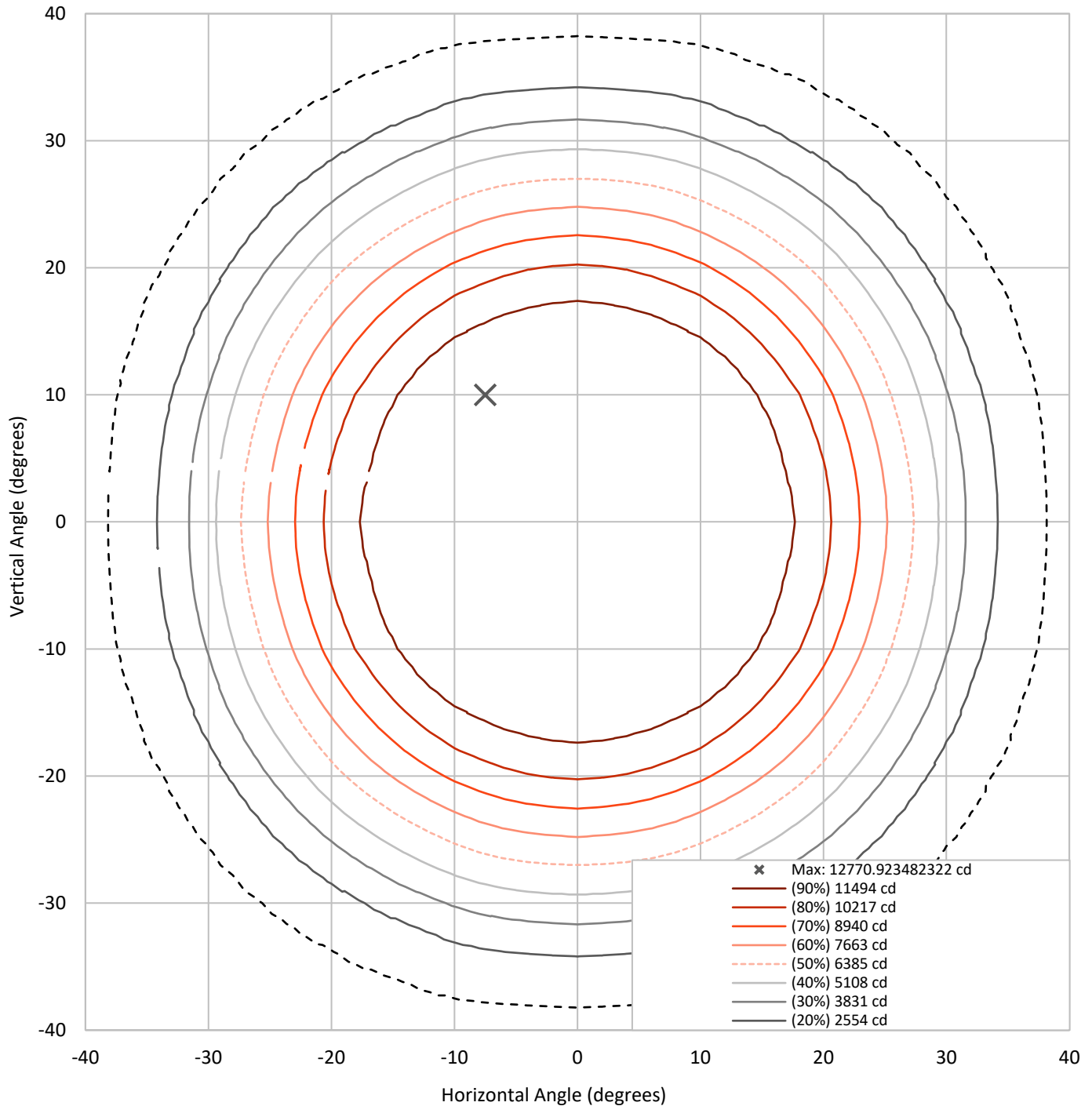
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10869.2 lumens	Max Intensity:	12770.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	100.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	7214.4 lumens	Field Lumens:	9380.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA2D-722-U-MWR-XX

### Iso-Candela Plot





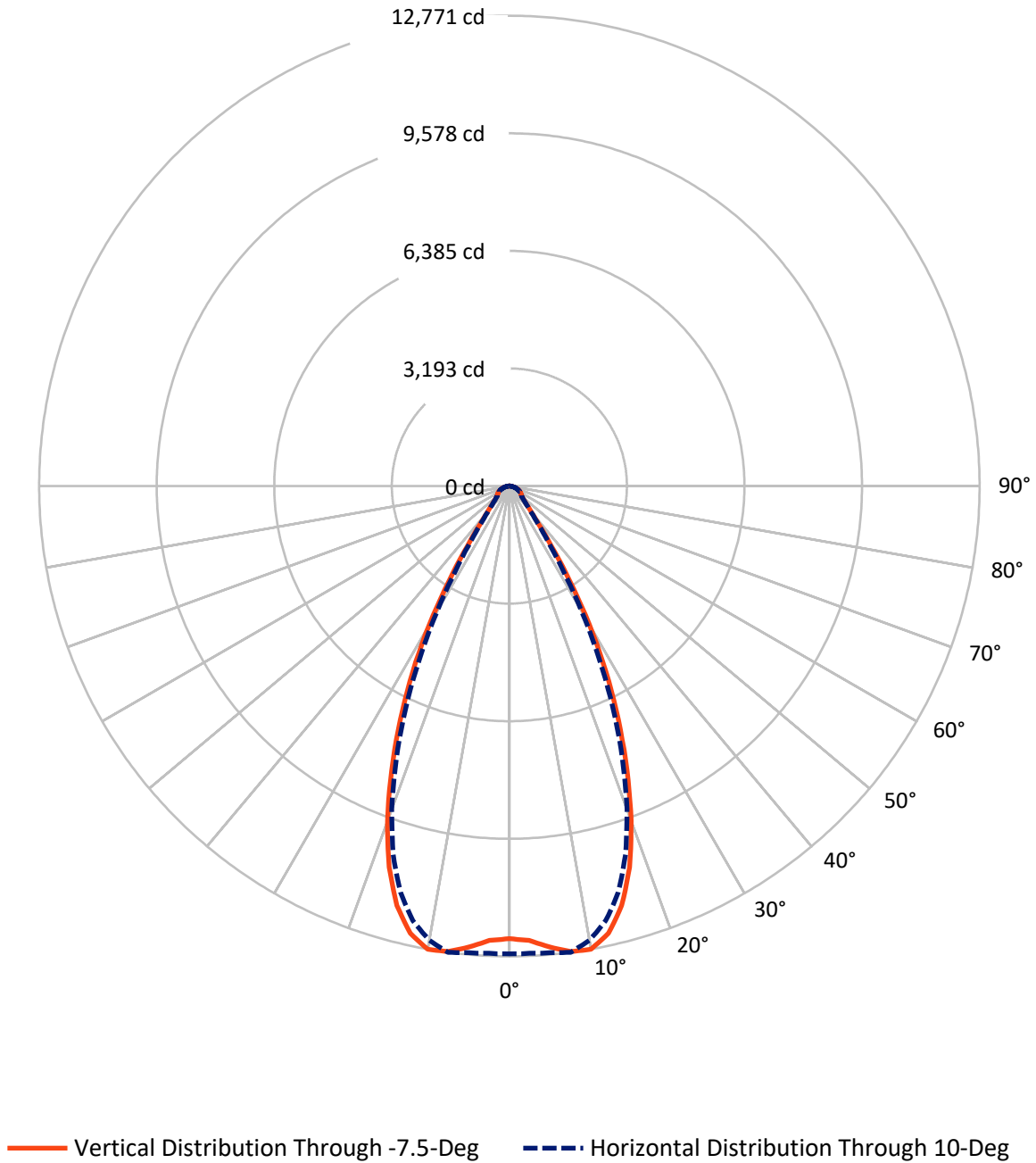
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### Lumen Table

90																			
80	0.3	2.5		6.8		10.8		12.1		10.8		6.8		2.5		0.3			
70																			
60	1.2	1.3	2.7	4.4	6.1	7.4	8.3	8.8	8.8	8.3	7.4	6.1	4.4	2.7	1.3	1.2			
50		2.0	3.9	6.3	8.4	10.1	11.4	11.8	11.8	11.4	10.1	8.4	6.3	3.9	2.0				
40	2.0	2.5	5.0	7.6	10.2	13.3	16.7	19.2	19.2	16.7	13.3	10.2	7.6	5.0	2.5	2.0			
30		3.0	5.8	8.8	13.5	24.7	47.3	70.1	70.1	47.3	24.7	13.5	8.8	5.8	3.0				
20	2.6	3.3	6.3	10.2	22.3	69.8	156.5	218.6	218.6	156.5	69.8	22.3	10.2	6.3	3.3	2.6			
10		3.6	6.6	12.1	40.2	148.8	284.1	355.5	355.5	284.1	148.8	40.2	12.1	6.6	3.6				
0	2.8	3.7	6.8	13.7	57.9	203.6	344.6	375.0	375.0	344.6	203.6	57.9	13.7	6.8	3.7	2.8			
-10		3.7	6.8	13.7	57.9	203.6	344.6	375.0	375.0	344.6	203.6	57.9	13.7	6.8	3.7				
-20	2.6	3.6	6.6	12.1	40.2	148.8	284.1	355.5	355.5	284.1	148.8	40.2	12.1	6.6	3.6	2.6			
-30		3.3	6.3	10.2	22.3	69.8	156.5	218.6	218.6	156.5	69.8	22.3	10.2	6.3	3.3				
-40	2.0	3.0	5.8	8.8	13.5	24.7	47.3	70.1	70.1	47.3	24.7	13.5	8.8	5.8	3.0	2.0			
-50		2.5	5.0	7.6	10.2	13.3	16.7	19.2	19.2	16.7	13.3	10.2	7.6	5.0	2.5				
-60	1.2	2.0	3.9	6.3	8.4	10.1	11.4	11.8	11.8	11.4	10.1	8.4	6.3	3.9	2.0	1.2			
-70		1.3	2.7	4.4	6.1	7.4	8.3	8.8	8.8	8.3	7.4	6.1	4.4	2.7	1.3				
-80																			
-90	0.3	2.5		6.8		10.8		12.1		10.8		6.8		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

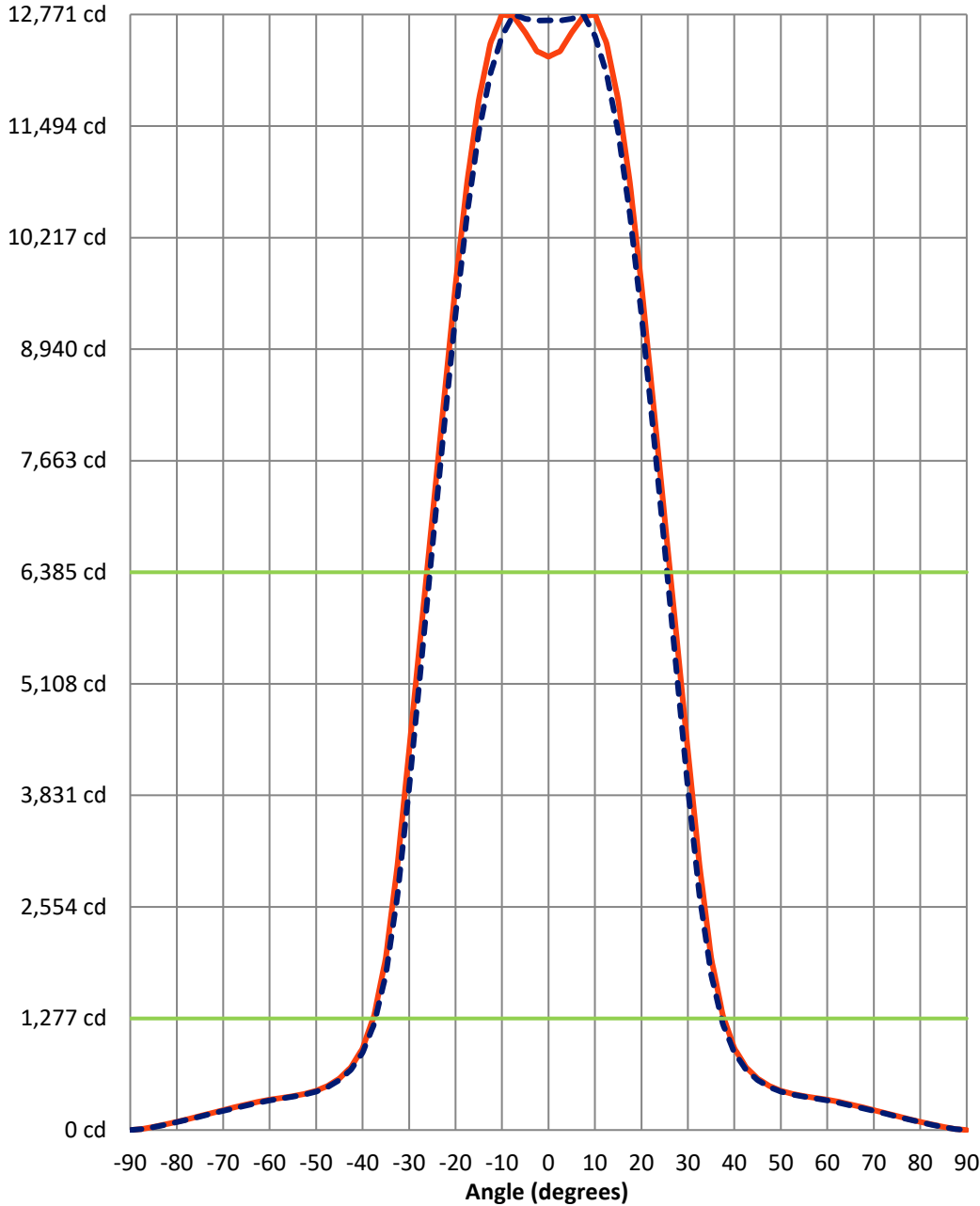
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 7214.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 9380.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1488.5  
 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	0.5	1.0	1.5	1.9	2.4	2.9	3.5	4.2	4.9	5.7
85°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	7.1	8.4	9.8	11.3
82.5°	0.0	1.5	2.9	4.4	5.8	7.3	8.7	10.5	12.8	16.2	19.3
80°	0.0	1.9	3.9	5.8	7.7	9.6	11.9	16.5	20.8	24.8	28.7
77.5°	0.0	2.4	4.8	7.3	9.6	13.0	18.2	23.6	28.7	33.5	38.7
75°	0.0	2.9	5.8	8.7	11.9	18.2	24.4	30.6	36.7	43.7	50.6
72.5°	0.0	3.4	6.7	10.1	16.1	23.3	30.5	38.0	46.3	54.5	62.5
70°	0.0	3.8	7.7	11.8	20.1	28.4	36.7	46.3	55.7	65.1	74.9
67.5°	0.0	4.3	8.6	14.8	24.1	33.4	43.7	54.5	65.0	76.0	87.2
65°	0.0	4.7	9.5	17.7	28.0	38.6	50.5	62.5	74.5	86.7	99.7
62.5°	0.0	5.2	10.3	20.6	31.9	44.1	57.2	70.4	83.7	97.5	113.2
60°	0.0	5.6	11.2	23.4	35.6	49.4	63.6	78.2	92.6	109.2	126.3
57.5°	0.0	6.0	13.0	26.2	39.7	54.6	70.1	85.7	102.4	120.6	138.7
55°	0.0	6.4	14.7	28.8	43.7	59.6	76.5	93.1	112.0	131.5	150.5
52.5°	0.0	6.8	16.4	31.4	47.5	64.6	82.8	101.2	121.4	141.9	162.1
50°	0.0	7.2	18.0	34.0	51.2	69.6	88.8	109.1	130.3	151.9	173.2
47.5°	0.0	7.6	19.6	36.4	54.8	74.6	94.8	116.7	138.9	161.6	184.0
45°	0.0	7.9	21.1	39.0	58.2	79.3	101.0	123.9	147.2	170.9	194.4
42.5°	0.0	8.3	22.5	41.4	61.4	83.9	106.9	130.8	155.1	179.8	204.2
40°	0.0	8.6	23.8	43.6	64.7	88.3	112.5	137.3	162.6	188.3	213.6
37.5°	0.0	8.9	25.1	45.7	68.0	92.5	117.7	143.4	169.9	196.5	222.7
35°	0.0	9.2	26.3	47.7	71.2	96.6	122.7	149.2	176.9	204.3	231.2
32.5°	0.0	9.4	27.4	49.5	74.2	100.5	127.3	154.5	183.4	211.4	238.6
30°	0.0	9.7	28.4	51.2	77.0	104.1	131.5	159.5	189.6	218.0	245.5
27.5°	0.0	9.9	29.3	52.8	79.5	107.4	135.4	164.5	195.3	224.1	252.0
25°	0.0	10.2	30.1	54.2	81.7	110.4	139.0	169.0	200.2	229.4	257.8
22.5°	0.0	10.3	30.8	55.5	83.8	113.0	142.1	173.2	204.6	234.1	263.1
20°	0.0	10.5	31.5	56.6	85.6	115.3	145.0	177.0	208.5	238.3	267.9
17.5°	0.0	10.7	32.1	57.6	87.1	117.3	147.5	180.4	211.9	242.0	272.0
15°	0.0	10.8	32.5	58.4	88.5	119.0	149.8	183.4	214.8	245.2	275.6
12.5°	0.0	10.9	32.9	59.1	89.6	120.4	151.7	186.1	217.3	247.8	278.5
10°	0.0	11.0	33.2	59.7	90.5	121.5	153.4	188.3	219.5	250.3	281.0
7.5°	0.0	11.1	33.4	60.1	91.1	122.3	154.7	190.0	221.3	252.3	283.2
5°	0.0	11.2	33.5	60.3	91.5	122.8	155.6	191.2	222.5	253.7	284.8
2.5°	0.0	11.2	33.6	60.4	91.7	123.0	156.2	192.0	223.3	254.5	285.8
0°	0.0	11.2	33.5	60.3	91.6	122.9	156.4	192.2	223.5	254.8	286.1
-2.5°	0.0	11.2	33.6	60.4	91.7	123.0	156.2	192.0	223.3	254.5	285.8
-5°	0.0	11.2	33.5	60.3	91.5	122.8	155.6	191.2	222.5	253.7	284.8
-7.5°	0.0	11.1	33.4	60.1	91.1	122.3	154.7	190.0	221.3	252.3	283.2
-10°	0.0	11.0	33.2	59.7	90.5	121.5	153.4	188.3	219.5	250.3	281.0
-12.5°	0.0	10.9	32.9	59.1	89.6	120.4	151.7	186.1	217.3	247.8	278.5
-15°	0.0	10.8	32.5	58.4	88.5	119.0	149.8	183.4	214.8	245.2	275.6
-17.5°	0.0	10.7	32.1	57.6	87.1	117.3	147.5	180.4	211.9	242.0	272.0
-20°	0.0	10.5	31.5	56.6	85.6	115.3	145.0	177.0	208.5	238.3	267.9

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Scaled Data Report



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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	10.3	30.8	55.5	83.8	113.0	142.1	173.2	204.6	234.1	263.1
-25°	0.0	10.2	30.1	54.2	81.7	110.4	139.0	169.0	200.2	229.4	257.8
-27.5°	0.0	9.9	29.3	52.8	79.5	107.4	135.4	164.5	195.3	224.1	252.0
-30°	0.0	9.7	28.4	51.2	77.0	104.1	131.5	159.5	189.6	218.0	245.5
-32.5°	0.0	9.4	27.4	49.5	74.2	100.5	127.3	154.5	183.4	211.4	238.6
-35°	0.0	9.2	26.3	47.7	71.2	96.6	122.7	149.2	176.9	204.3	231.2
-37.5°	0.0	8.9	25.1	45.7	68.0	92.5	117.7	143.4	169.9	196.5	222.7
-40°	0.0	8.6	23.8	43.6	64.7	88.3	112.5	137.3	162.6	188.3	213.6
-42.5°	0.0	8.3	22.5	41.4	61.4	83.9	106.9	130.8	155.1	179.8	204.2
-45°	0.0	7.9	21.1	39.0	58.2	79.3	101.0	123.9	147.2	170.9	194.4
-47.5°	0.0	7.6	19.6	36.4	54.8	74.6	94.8	116.7	138.9	161.6	184.0
-50°	0.0	7.2	18.0	34.0	51.2	69.6	88.8	109.1	130.3	151.9	173.2
-52.5°	0.0	6.8	16.4	31.4	47.5	64.6	82.8	101.2	121.4	141.9	162.1
-55°	0.0	6.4	14.7	28.8	43.7	59.6	76.5	93.1	112.0	131.5	150.5
-57.5°	0.0	6.0	13.0	26.2	39.7	54.6	70.1	85.7	102.4	120.6	138.7
-60°	0.0	5.6	11.2	23.4	35.6	49.4	63.6	78.2	92.6	109.2	126.3
-62.5°	0.0	5.2	10.3	20.6	31.9	44.1	57.2	70.4	83.7	97.5	113.2
-65°	0.0	4.7	9.5	17.7	28.0	38.6	50.5	62.5	74.5	86.7	99.7
-67.5°	0.0	4.3	8.6	14.8	24.1	33.4	43.7	54.5	65.0	76.0	87.2
-70°	0.0	3.8	7.7	11.8	20.1	28.4	36.7	46.3	55.7	65.1	74.9
-72.5°	0.0	3.4	6.7	10.1	16.1	23.3	30.5	38.0	46.3	54.5	62.5
-75°	0.0	2.9	5.8	8.7	11.9	18.2	24.4	30.6	36.7	43.7	50.6
-77.5°	0.0	2.4	4.8	7.3	9.6	13.0	18.2	23.6	28.7	33.5	38.7
-80°	0.0	1.9	3.9	5.8	7.7	9.6	11.9	16.5	20.8	24.8	28.7
-82.5°	0.0	1.5	2.9	4.4	5.8	7.3	8.7	10.5	12.8	16.2	19.3
-85°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	7.1	8.4	9.8	11.3
-87.5°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.5	4.2	4.9	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA2D-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
85°	12.4	13.4	15.2	17.0	18.7	20.4	22.0	23.6	25.1	26.5	27.8
82.5°	22.2	25.1	28.0	31.0	33.6	36.2	38.6	41.2	43.7	46.2	48.7
80°	32.6	36.6	41.2	45.6	49.4	53.1	56.6	60.0	63.7	67.6	71.6
77.5°	44.6	50.4	55.8	60.8	65.7	71.0	76.2	81.1	86.3	91.3	96.2
75°	57.5	64.1	71.0	77.8	84.4	90.8	97.0	103.4	109.8	116.2	122.4
72.5°	70.8	79.2	87.3	95.2	103.4	111.4	119.2	126.6	134.3	142.1	149.6
70°	84.7	94.2	104.2	113.9	123.1	132.5	141.9	151.0	159.9	169.0	178.0
67.5°	98.6	110.6	121.9	132.6	143.5	154.5	165.2	176.0	186.6	197.1	207.2
65°	114.0	127.1	139.4	151.7	164.1	177.0	189.6	201.7	213.9	225.7	236.3
62.5°	129.1	142.9	156.6	170.6	185.4	199.8	213.6	227.5	241.6	254.0	264.8
60°	142.9	158.3	173.6	189.6	205.9	221.4	236.8	252.0	267.2	281.4	290.2
57.5°	156.3	173.3	190.3	207.5	224.6	242.0	258.2	274.8	289.0	301.0	311.1
55°	169.3	187.8	205.9	223.9	242.4	260.6	278.2	294.0	307.9	317.9	327.7
52.5°	182.0	201.5	220.2	239.7	259.4	278.7	297.0	311.7	323.0	333.3	342.4
50°	194.3	214.1	233.8	255.0	275.8	296.2	313.5	326.3	337.9	347.8	357.4
47.5°	205.8	226.5	247.6	269.8	291.7	311.4	327.3	340.7	352.5	363.3	374.6
45°	216.9	238.9	261.1	284.1	306.4	325.5	340.8	355.3	366.3	378.4	391.5
42.5°	227.7	250.7	274.1	297.8	320.4	338.2	353.5	366.7	379.7	394.1	409.8
40°	237.9	261.9	286.3	311.0	333.5	349.2	364.2	378.3	394.1	411.1	429.4
37.5°	247.6	272.5	297.7	323.4	343.1	359.4	374.7	390.4	408.7	428.5	453.2
35°	256.5	282.2	308.4	333.0	351.7	369.0	384.9	402.4	423.7	449.6	481.3
32.5°	264.8	291.3	318.2	340.8	359.7	377.7	394.0	415.7	441.4	472.2	517.1
30°	272.5	299.6	326.6	348.4	366.9	384.9	404.8	429.3	459.4	504.3	561.8
27.5°	279.6	307.1	333.2	354.8	373.4	391.9	415.1	444.8	484.5	538.1	609.5
25°	286.1	314.3	339.5	360.2	379.3	399.8	425.1	458.5	510.6	579.9	676.4
22.5°	292.0	320.8	345.6	364.8	384.9	407.2	436.6	478.5	538.5	619.3	743.8
20°	297.3	325.7	350.1	369.1	390.0	413.2	446.8	497.3	569.8	674.4	833.3
17.5°	301.9	330.1	353.5	373.3	395.1	420.0	456.8	513.7	597.5	722.5	923.8
15°	305.9	333.7	356.3	376.9	399.4	427.9	470.7	535.0	629.8	772.4	1002.6
12.5°	309.2	336.8	358.7	379.8	403.0	434.4	482.6	555.2	663.2	833.8	1118.8
10°	311.8	339.2	360.4	382.1	405.8	439.6	492.2	571.7	691.0	887.0	1217.9
7.5°	314.2	340.9	361.7	383.7	407.8	443.5	499.6	584.4	712.2	928.7	1296.4
5°	316.0	342.0	362.4	384.6	409.5	446.1	504.6	593.2	726.9	958.6	1351.6
2.5°	317.0	342.3	362.5	384.9	410.8	447.3	507.1	598.1	738.5	972.7	1381.2
0°	317.4	342.0	362.1	384.4	411.2	447.0	507.3	599.0	744.3	972.2	1385.7
-2.5°	317.0	342.3	362.5	384.9	410.8	447.3	507.1	598.1	738.5	972.7	1381.2
-5°	316.0	342.0	362.4	384.6	409.5	446.1	504.6	593.2	726.9	958.6	1351.6
-7.5°	314.2	340.9	361.7	383.7	407.8	443.5	499.6	584.4	712.2	928.7	1296.4
-10°	311.8	339.2	360.4	382.1	405.8	439.6	492.2	571.7	691.0	887.0	1217.9
-12.5°	309.2	336.8	358.7	379.8	403.0	434.4	482.6	555.2	663.2	833.8	1118.8
-15°	305.9	333.7	356.3	376.9	399.4	427.9	470.7	535.0	629.8	772.4	1002.6
-17.5°	301.9	330.1	353.5	373.3	395.1	420.0	456.8	513.7	597.5	722.5	923.8
-20°	297.3	325.7	350.1	369.1	390.0	413.2	446.8	497.3	569.8	674.4	833.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	292.0	320.8	345.6	364.8	384.9	407.2	436.6	478.5	538.5	619.3	743.8
-25°	286.1	314.3	339.5	360.2	379.3	399.8	425.1	458.5	510.6	579.9	676.4
-27.5°	279.6	307.1	333.2	354.8	373.4	391.9	415.1	444.8	484.5	538.1	609.5
-30°	272.5	299.6	326.6	348.4	366.9	384.9	404.8	429.3	459.4	504.3	561.8
-32.5°	264.8	291.3	318.2	340.8	359.7	377.7	394.0	415.7	441.4	472.2	517.1
-35°	256.5	282.2	308.4	333.0	351.7	369.0	384.9	402.4	423.7	449.6	481.3
-37.5°	247.6	272.5	297.7	323.4	343.1	359.4	374.7	390.4	408.7	428.5	453.2
-40°	237.9	261.9	286.3	311.0	333.5	349.2	364.2	378.3	394.1	411.1	429.4
-42.5°	227.7	250.7	274.1	297.8	320.4	338.2	353.5	366.7	379.7	394.1	409.8
-45°	216.9	238.9	261.1	284.1	306.4	325.5	340.8	355.3	366.3	378.4	391.5
-47.5°	205.8	226.5	247.6	269.8	291.7	311.4	327.3	340.7	352.5	363.3	374.6
-50°	194.3	214.1	233.8	255.0	275.8	296.2	313.5	326.3	337.9	347.8	357.4
-52.5°	182.0	201.5	220.2	239.7	259.4	278.7	297.0	311.7	323.0	333.3	342.4
-55°	169.3	187.8	205.9	223.9	242.4	260.6	278.2	294.0	307.9	317.9	327.7
-57.5°	156.3	173.3	190.3	207.5	224.6	242.0	258.2	274.8	289.0	301.0	311.1
-60°	142.9	158.3	173.6	189.6	205.9	221.4	236.8	252.0	267.2	281.4	290.2
-62.5°	129.1	142.9	156.6	170.6	185.4	199.8	213.6	227.5	241.6	254.0	264.8
-65°	114.0	127.1	139.4	151.7	164.1	177.0	189.6	201.7	213.9	225.7	236.3
-67.5°	98.6	110.6	121.9	132.6	143.5	154.5	165.2	176.0	186.6	197.1	207.2
-70°	84.7	94.2	104.2	113.9	123.1	132.5	141.9	151.0	159.9	169.0	178.0
-72.5°	70.8	79.2	87.3	95.2	103.4	111.4	119.2	126.6	134.3	142.1	149.6
-75°	57.5	64.1	71.0	77.8	84.4	90.8	97.0	103.4	109.8	116.2	122.4
-77.5°	44.6	50.4	55.8	60.8	65.7	71.0	76.2	81.1	86.3	91.3	96.2
-80°	32.6	36.6	41.2	45.6	49.4	53.1	56.6	60.0	63.7	67.6	71.6
-82.5°	22.2	25.1	28.0	31.0	33.6	36.2	38.6	41.2	43.7	46.2	48.7
-85°	12.4	13.4	15.2	17.0	18.7	20.4	22.0	23.6	25.1	26.5	27.8
-87.5°	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.5	9.9	10.3	10.6
-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: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	11.0	10.8	10.7	10.4	10.2	10.9	11.6	12.3	12.9	12.5	12.1
85°	29.1	29.8	30.3	30.8	31.2	32.6	33.9	35.2	36.3	36.3	36.2
82.5°	51.2	52.8	54.2	55.5	56.6	58.3	59.7	61.0	62.0	62.8	63.5
80°	75.4	78.1	80.4	82.5	84.3	86.5	88.5	90.2	91.8	92.6	93.2
77.5°	101.0	104.9	108.4	111.8	115.0	118.1	120.9	123.5	125.7	126.2	126.1
75°	128.2	133.4	138.4	142.9	147.1	150.7	153.8	156.4	158.5	159.5	160.1
72.5°	156.7	163.2	169.0	174.2	178.7	182.4	185.6	188.4	190.8	192.3	193.2
70°	186.5	194.2	200.1	205.0	208.8	212.6	216.7	220.7	224.5	226.6	227.4
67.5°	216.4	224.4	229.8	234.3	237.8	241.4	246.7	251.4	255.6	258.5	260.3
65°	245.7	254.0	259.5	263.8	267.0	270.7	276.5	281.2	284.8	287.6	290.2
62.5°	274.6	283.0	289.1	294.2	298.9	302.9	307.7	311.6	314.7	317.5	320.6
60°	299.6	309.6	316.0	321.2	327.0	333.2	336.8	339.7	342.3	344.5	346.5
57.5°	320.1	329.0	337.1	343.4	349.4	355.3	359.5	362.2	364.4	366.1	366.8
55°	337.2	346.4	355.5	362.3	368.2	373.7	378.3	381.9	384.9	387.2	387.8
52.5°	352.6	362.9	371.8	379.6	387.5	393.9	399.0	403.9	408.1	411.6	413.1
50°	369.2	380.0	391.2	401.6	410.0	417.4	423.5	430.4	437.7	443.7	447.5
47.5°	386.8	399.2	412.8	425.6	435.5	446.4	456.5	466.8	480.4	491.8	500.3
45°	405.2	421.1	436.6	452.8	466.5	487.1	506.1	522.5	544.3	564.0	579.7
42.5°	426.8	446.7	465.7	491.7	519.1	547.1	577.4	603.2	637.2	671.9	699.8
40°	452.5	477.9	511.4	546.4	589.4	628.0	680.3	726.9	779.1	845.1	899.6
37.5°	483.4	522.6	569.1	617.8	685.0	749.2	835.7	926.8	1009.4	1136.4	1243.1
35°	523.6	578.3	639.5	725.9	821.0	941.2	1076.1	1252.0	1403.0	1617.1	1821.7
32.5°	575.3	645.7	745.7	879.0	1019.5	1237.8	1451.8	1757.4	2040.3	2379.7	2745.9
30°	632.9	740.0	892.9	1075.6	1337.7	1658.8	2036.1	2505.5	3019.1	3496.1	3966.0
27.5°	716.3	869.9	1070.6	1365.5	1774.0	2223.3	2884.3	3521.4	4186.2	4777.1	5269.9
25°	813.8	1016.6	1327.1	1761.4	2313.7	3083.1	3874.4	4660.7	5375.6	5994.2	6538.7
22.5°	939.6	1231.3	1645.3	2207.7	3067.9	3990.0	4917.9	5785.3	6547.8	7236.6	7826.0
20°	1076.4	1441.5	2032.6	2871.3	3855.0	4905.6	5953.3	6877.2	7716.8	8497.9	9162.2
17.5°	1249.8	1761.1	2509.7	3515.8	4653.1	5804.2	6904.9	7907.5	8860.1	9686.5	10380.6
15°	1397.6	2042.7	3019.6	4199.6	5429.7	6643.9	7806.0	8895.0	9885.4	10733.4	11385.9
12.5°	1594.8	2358.2	3472.3	4787.4	6120.4	7398.1	8622.1	9747.7	10755.5	11594.1	12102.1
10°	1781.2	2684.8	3909.8	5281.3	6666.3	8027.5	9334.4	10488.9	11424.6	12091.7	12524.6
7.5°	1939.6	2965.5	4265.8	5680.6	7099.9	8523.1	9846.0	10969.3	11832.1	12389.2	12690.6
5°	2057.9	3175.3	4529.9	6005.0	7461.5	8909.6	10222.2	11276.6	12022.4	12436.2	12587.5
2.5°	2133.3	3298.6	4683.2	6217.8	7703.4	9154.2	10480.3	11518.1	12150.9	12425.2	12451.2
0°	2163.5	3314.5	4706.9	6329.5	7764.4	9223.8	10553.7	11617.5	12198.6	12424.4	12419.9
-2.5°	2133.3	3298.6	4683.2	6217.8	7703.4	9154.2	10480.3	11518.1	12150.9	12425.2	12451.2
-5°	2057.9	3175.3	4529.9	6005.0	7461.5	8909.6	10222.2	11276.6	12022.4	12436.2	12587.5
-7.5°	1939.6	2965.5	4265.8	5680.6	7099.9	8523.1	9846.0	10969.3	11832.1	12389.2	12690.6
-10°	1781.2	2684.8	3909.8	5281.3	6666.3	8027.5	9334.4	10488.9	11424.6	12091.7	12524.6
-12.5°	1594.8	2358.2	3472.3	4787.4	6120.4	7398.1	8622.1	9747.7	10755.5	11594.1	12102.1
-15°	1397.6	2042.7	3019.6	4199.6	5429.7	6643.9	7806.0	8895.0	9885.4	10733.4	11385.9
-17.5°	1249.8	1761.1	2509.7	3515.8	4653.1	5804.2	6904.9	7907.5	8860.1	9686.5	10380.6
-20°	1076.4	1441.5	2032.6	2871.3	3855.0	4905.6	5953.3	6877.2	7716.8	8497.9	9162.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	939.6	1231.3	1645.3	2207.7	3067.9	3990.0	4917.9	5785.3	6547.8	7236.6	7826.0
-25°	813.8	1016.6	1327.1	1761.4	2313.7	3083.1	3874.4	4660.7	5375.6	5994.2	6538.7
-27.5°	716.3	869.9	1070.6	1365.5	1774.0	2223.3	2884.3	3521.4	4186.2	4777.1	5269.9
-30°	632.9	740.0	892.9	1075.6	1337.7	1658.8	2036.1	2505.5	3019.1	3496.1	3966.0
-32.5°	575.3	645.7	745.7	879.0	1019.5	1237.8	1451.8	1757.4	2040.3	2379.7	2745.9
-35°	523.6	578.3	639.5	725.9	821.0	941.2	1076.1	1252.0	1403.0	1617.1	1821.7
-37.5°	483.4	522.6	569.1	617.8	685.0	749.2	835.7	926.8	1009.4	1136.4	1243.1
-40°	452.5	477.9	511.4	546.4	589.4	628.0	680.3	726.9	779.1	845.1	899.6
-42.5°	426.8	446.7	465.7	491.7	519.1	547.1	577.4	603.2	637.2	671.9	699.8
-45°	405.2	421.1	436.6	452.8	466.5	487.1	506.1	522.5	544.3	564.0	579.7
-47.5°	386.8	399.2	412.8	425.6	435.5	446.4	456.5	466.8	480.4	491.8	500.3
-50°	369.2	380.0	391.2	401.6	410.0	417.4	423.5	430.4	437.7	443.7	447.5
-52.5°	352.6	362.9	371.8	379.6	387.5	393.9	399.0	403.9	408.1	411.6	413.1
-55°	337.2	346.4	355.5	362.3	368.2	373.7	378.3	381.9	384.9	387.2	387.8
-57.5°	320.1	329.0	337.1	343.4	349.4	355.3	359.5	362.2	364.4	366.1	366.8
-60°	299.6	309.6	316.0	321.2	327.0	333.2	336.8	339.7	342.3	344.5	346.5
-62.5°	274.6	283.0	289.1	294.2	298.9	302.9	307.7	311.6	314.7	317.5	320.6
-65°	245.7	254.0	259.5	263.8	267.0	270.7	276.5	281.2	284.8	287.6	290.2
-67.5°	216.4	224.4	229.8	234.3	237.8	241.4	246.7	251.4	255.6	258.5	260.3
-70°	186.5	194.2	200.1	205.0	208.8	212.6	216.7	220.7	224.5	226.6	227.4
-72.5°	156.7	163.2	169.0	174.2	178.7	182.4	185.6	188.4	190.8	192.3	193.2
-75°	128.2	133.4	138.4	142.9	147.1	150.7	153.8	156.4	158.5	159.5	160.1
-77.5°	101.0	104.9	108.4	111.8	115.0	118.1	120.9	123.5	125.7	126.2	126.1
-80°	75.4	78.1	80.4	82.5	84.3	86.5	88.5	90.2	91.8	92.6	93.2
-82.5°	51.2	52.8	54.2	55.5	56.6	58.3	59.7	61.0	62.0	62.8	63.5
-85°	29.1	29.8	30.3	30.8	31.2	32.6	33.9	35.2	36.3	36.3	36.2
-87.5°	11.0	10.8	10.7	10.4	10.2	10.9	11.6	12.3	12.9	12.5	12.1
-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: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	11.7	11.2	11.2	11.2	11.2	11.2	11.7	12.1	12.5	12.9	12.3
85°	35.9	35.6	34.6	33.5	34.6	35.6	35.9	36.2	36.3	36.3	35.2
82.5°	64.1	64.5	63.6	62.6	63.6	64.5	64.1	63.5	62.8	62.0	61.0
80°	93.4	93.5	92.7	91.6	92.7	93.5	93.4	93.2	92.6	91.8	90.2
77.5°	125.6	124.7	125.0	125.2	125.0	124.7	125.6	126.1	126.2	125.7	123.5
75°	160.3	160.1	159.6	158.7	159.6	160.1	160.3	160.1	159.5	158.5	156.4
72.5°	193.6	193.6	193.1	192.2	193.1	193.6	193.6	193.2	192.3	190.8	188.4
70°	227.6	227.1	227.7	228.0	227.7	227.1	227.6	227.4	226.6	224.5	220.7
67.5°	261.6	262.5	262.4	261.5	262.4	262.5	261.6	260.3	258.5	255.6	251.4
65°	292.2	293.7	294.7	295.0	294.7	293.7	292.2	290.2	287.6	284.8	281.2
62.5°	323.1	324.9	325.0	324.1	325.0	324.9	323.1	320.6	317.5	314.7	311.6
60°	347.6	347.9	347.4	346.4	347.4	347.9	347.6	346.5	344.5	342.3	339.7
57.5°	366.8	366.1	365.4	364.3	365.4	366.1	366.8	366.8	366.1	364.4	362.2
55°	387.5	386.4	385.5	384.4	385.5	386.4	387.5	387.8	387.2	384.9	381.9
52.5°	413.4	412.9	412.2	411.2	412.2	412.9	413.4	413.1	411.6	408.1	403.9
50°	449.5	450.1	450.0	449.2	450.0	450.1	449.5	447.5	443.7	437.7	430.4
47.5°	505.6	508.6	510.6	511.8	510.6	508.6	505.6	500.3	491.8	480.4	466.8
45°	589.7	595.7	599.9	603.4	599.9	595.7	589.7	579.7	564.0	544.3	522.5
42.5°	719.5	732.9	739.2	737.5	739.2	732.9	719.5	699.8	671.9	637.2	603.2
40°	935.9	957.5	969.4	978.9	969.4	957.5	935.9	899.6	845.1	779.1	726.9
37.5°	1316.0	1357.9	1380.0	1399.1	1380.0	1357.9	1316.0	1243.1	1136.4	1009.4	926.8
35°	1974.5	2068.7	2119.2	2136.7	2119.2	2068.7	1974.5	1821.7	1617.1	1403.0	1252.0
32.5°	3030.9	3204.6	3300.6	3374.8	3300.6	3204.6	3030.9	2745.9	2379.7	2040.3	1757.4
30°	4338.1	4566.9	4694.0	4756.1	4694.0	4566.9	4338.1	3966.0	3496.1	3019.1	2505.5
27.5°	5678.3	5938.4	6075.4	6068.0	6075.4	5938.4	5678.3	5269.9	4777.1	4186.2	3521.4
25°	7005.5	7306.8	7443.3	7565.5	7443.3	7306.8	7005.5	6538.7	5994.2	5375.6	4660.7
22.5°	8347.8	8700.1	8892.3	8982.5	8892.3	8700.1	8347.8	7826.0	7236.6	6547.8	5785.3
20°	9674.1	10066.3	10270.4	10359.2	10270.4	10066.3	9674.1	9162.2	8497.9	7716.8	6877.2
17.5°	10850.4	11233.3	11427.8	11510.2	11427.8	11233.3	10850.4	10380.6	9686.5	8860.1	7907.5
15°	11789.7	12072.1	12237.5	12281.3	12237.5	12072.1	11789.7	11385.9	10733.4	9885.4	8895.0
12.5°	12439.0	12548.4	12627.9	12652.3	12627.9	12548.4	12439.0	12102.1	11594.1	10755.5	9747.7
10°	12770.9	12721.6	12701.2	12703.7	12701.2	12721.6	12770.9	12524.6	12091.7	11424.6	10488.9
7.5°	12748.0	12675.0	12528.2	12504.8	12528.2	12675.0	12748.0	12690.6	12389.2	11832.1	10969.3
5°	12564.9	12431.9	12188.2	12118.2	12188.2	12431.9	12564.9	12587.5	12436.2	12022.4	11276.6
2.5°	12351.4	12111.6	11887.1	11742.7	11887.1	12111.6	12351.4	12451.2	12425.2	12150.9	11518.1
0°	12288.0	12010.9	11720.3	11626.5	11720.3	12010.9	12288.0	12419.9	12424.4	12198.6	11617.5
-2.5°	12351.4	12111.6	11887.1	11742.7	11887.1	12111.6	12351.4	12451.2	12425.2	12150.9	11518.1
-5°	12564.9	12431.9	12188.2	12118.2	12188.2	12431.9	12564.9	12587.5	12436.2	12022.4	11276.6
-7.5°	12748.0	12675.0	12528.2	12504.8	12528.2	12675.0	12748.0	12690.6	12389.2	11832.1	10969.3
-10°	12770.9	12721.6	12701.2	12703.7	12701.2	12721.6	12770.9	12524.6	12091.7	11424.6	10488.9
-12.5°	12439.0	12548.4	12627.9	12652.3	12627.9	12548.4	12439.0	12102.1	11594.1	10755.5	9747.7
-15°	11789.7	12072.1	12237.5	12281.3	12237.5	12072.1	11789.7	11385.9	10733.4	9885.4	8895.0
-17.5°	10850.4	11233.3	11427.8	11510.2	11427.8	11233.3	10850.4	10380.6	9686.5	8860.1	7907.5
-20°	9674.1	10066.3	10270.4	10359.2	10270.4	10066.3	9674.1	9162.2	8497.9	7716.8	6877.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	8347.8	8700.1	8892.3	8982.5	8892.3	8700.1	8347.8	7826.0	7236.6	6547.8	5785.3
-25°	7005.5	7306.8	7443.3	7565.5	7443.3	7306.8	7005.5	6538.7	5994.2	5375.6	4660.7
-27.5°	5678.3	5938.4	6075.4	6068.0	6075.4	5938.4	5678.3	5269.9	4777.1	4186.2	3521.4
-30°	4338.1	4566.9	4694.0	4756.1	4694.0	4566.9	4338.1	3966.0	3496.1	3019.1	2505.5
-32.5°	3030.9	3204.6	3300.6	3374.8	3300.6	3204.6	3030.9	2745.9	2379.7	2040.3	1757.4
-35°	1974.5	2068.7	2119.2	2136.7	2119.2	2068.7	1974.5	1821.7	1617.1	1403.0	1252.0
-37.5°	1316.0	1357.9	1380.0	1399.1	1380.0	1357.9	1316.0	1243.1	1136.4	1009.4	926.8
-40°	935.9	957.5	969.4	978.9	969.4	957.5	935.9	899.6	845.1	779.1	726.9
-42.5°	719.5	732.9	739.2	737.5	739.2	732.9	719.5	699.8	671.9	637.2	603.2
-45°	589.7	595.7	599.9	603.4	599.9	595.7	589.7	579.7	564.0	544.3	522.5
-47.5°	505.6	508.6	510.6	511.8	510.6	508.6	505.6	500.3	491.8	480.4	466.8
-50°	449.5	450.1	450.0	449.2	450.0	450.1	449.5	447.5	443.7	437.7	430.4
-52.5°	413.4	412.9	412.2	411.2	412.2	412.9	413.4	413.1	411.6	408.1	403.9
-55°	387.5	386.4	385.5	384.4	385.5	386.4	387.5	387.8	387.2	384.9	381.9
-57.5°	366.8	366.1	365.4	364.3	365.4	366.1	366.8	366.8	366.1	364.4	362.2
-60°	347.6	347.9	347.4	346.4	347.4	347.9	347.6	346.5	344.5	342.3	339.7
-62.5°	323.1	324.9	325.0	324.1	325.0	324.9	323.1	320.6	317.5	314.7	311.6
-65°	292.2	293.7	294.7	295.0	294.7	293.7	292.2	290.2	287.6	284.8	281.2
-67.5°	261.6	262.5	262.4	261.5	262.4	262.5	261.6	260.3	258.5	255.6	251.4
-70°	227.6	227.1	227.7	228.0	227.7	227.1	227.6	227.4	226.6	224.5	220.7
-72.5°	193.6	193.6	193.1	192.2	193.1	193.6	193.6	193.2	192.3	190.8	188.4
-75°	160.3	160.1	159.6	158.7	159.6	160.1	160.3	160.1	159.5	158.5	156.4
-77.5°	125.6	124.7	125.0	125.2	125.0	124.7	125.6	126.1	126.2	125.7	123.5
-80°	93.4	93.5	92.7	91.6	92.7	93.5	93.4	93.2	92.6	91.8	90.2
-82.5°	64.1	64.5	63.6	62.6	63.6	64.5	64.1	63.5	62.8	62.0	61.0
-85°	35.9	35.6	34.6	33.5	34.6	35.6	35.9	36.2	36.3	36.3	35.2
-87.5°	11.7	11.2	11.2	11.2	11.2	11.2	11.7	12.1	12.5	12.9	12.3
-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: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	11.6	10.9	10.2	10.4	10.7	10.8	11.0	10.6	10.3	9.9	9.5
85°	33.9	32.6	31.2	30.8	30.3	29.8	29.1	27.8	26.5	25.1	23.6
82.5°	59.7	58.3	56.6	55.5	54.2	52.8	51.2	48.7	46.2	43.7	41.2
80°	88.5	86.5	84.3	82.5	80.4	78.1	75.4	71.6	67.6	63.7	60.0
77.5°	120.9	118.1	115.0	111.8	108.4	104.9	101.0	96.2	91.3	86.3	81.1
75°	153.8	150.7	147.1	142.9	138.4	133.4	128.2	122.4	116.2	109.8	103.4
72.5°	185.6	182.4	178.7	174.2	169.0	163.2	156.7	149.6	142.1	134.3	126.6
70°	216.7	212.6	208.8	205.0	200.1	194.2	186.5	178.0	169.0	159.9	151.0
67.5°	246.7	241.4	237.8	234.3	229.8	224.4	216.4	207.2	197.1	186.6	176.0
65°	276.5	270.7	267.0	263.8	259.5	254.0	245.7	236.3	225.7	213.9	201.7
62.5°	307.7	302.9	298.9	294.2	289.1	283.0	274.6	264.8	254.0	241.6	227.5
60°	336.8	333.2	327.0	321.2	316.0	309.6	299.6	290.2	281.4	267.2	252.0
57.5°	359.5	355.3	349.4	343.4	337.1	329.0	320.1	311.1	301.0	289.0	274.8
55°	378.3	373.7	368.2	362.3	355.5	346.4	337.2	327.7	317.9	307.9	294.0
52.5°	399.0	393.9	387.5	379.6	371.8	362.9	352.6	342.4	333.3	323.0	311.7
50°	423.5	417.4	410.0	401.6	391.2	380.0	369.2	357.4	347.8	337.9	326.3
47.5°	456.5	446.4	435.5	425.6	412.8	399.2	386.8	374.6	363.3	352.5	340.7
45°	506.1	487.1	466.5	452.8	436.6	421.1	405.2	391.5	378.4	366.3	355.3
42.5°	577.4	547.1	519.1	491.7	465.7	446.7	426.8	409.8	394.1	379.7	366.7
40°	680.3	628.0	589.4	546.4	511.4	477.9	452.5	429.4	411.1	394.1	378.3
37.5°	835.7	749.2	685.0	617.8	569.1	522.6	483.4	453.2	428.5	408.7	390.4
35°	1076.1	941.2	821.0	725.9	639.5	578.3	523.6	481.3	449.6	423.7	402.4
32.5°	1451.8	1237.8	1019.5	879.0	745.7	645.7	575.3	517.1	472.2	441.4	415.7
30°	2036.1	1658.8	1337.7	1075.6	892.9	740.0	632.9	561.8	504.3	459.4	429.3
27.5°	2884.3	2223.3	1774.0	1365.5	1070.6	869.9	716.3	609.5	538.1	484.5	444.8
25°	3874.4	3083.1	2313.7	1761.4	1327.1	1016.6	813.8	676.4	579.9	510.6	458.5
22.5°	4917.9	3990.0	3067.9	2207.7	1645.3	1231.3	939.6	743.8	619.3	538.5	478.5
20°	5953.3	4905.6	3855.0	2871.3	2032.6	1441.5	1076.4	833.3	674.4	569.8	497.3
17.5°	6904.9	5804.2	4653.1	3515.8	2509.7	1761.1	1249.8	923.8	722.5	597.5	513.7
15°	7806.0	6643.9	5429.7	4199.6	3019.6	2042.7	1397.6	1002.6	772.4	629.8	535.0
12.5°	8622.1	7398.1	6120.4	4787.4	3472.3	2358.2	1594.8	1118.8	833.8	663.2	555.2
10°	9334.4	8027.5	6666.3	5281.3	3909.8	2684.8	1781.2	1217.9	887.0	691.0	571.7
7.5°	9846.0	8523.1	7099.9	5680.6	4265.8	2965.5	1939.6	1296.4	928.7	712.2	584.4
5°	10222.2	8909.6	7461.5	6005.0	4529.9	3175.3	2057.9	1351.6	958.6	726.9	593.2
2.5°	10480.3	9154.2	7703.4	6217.8	4683.2	3298.6	2133.3	1381.2	972.7	738.5	598.1
0°	10553.7	9223.8	7764.4	6329.5	4706.9	3314.5	2163.5	1385.7	972.2	744.3	599.0
-2.5°	10480.3	9154.2	7703.4	6217.8	4683.2	3298.6	2133.3	1381.2	972.7	738.5	598.1
-5°	10222.2	8909.6	7461.5	6005.0	4529.9	3175.3	2057.9	1351.6	958.6	726.9	593.2
-7.5°	9846.0	8523.1	7099.9	5680.6	4265.8	2965.5	1939.6	1296.4	928.7	712.2	584.4
-10°	9334.4	8027.5	6666.3	5281.3	3909.8	2684.8	1781.2	1217.9	887.0	691.0	571.7
-12.5°	8622.1	7398.1	6120.4	4787.4	3472.3	2358.2	1594.8	1118.8	833.8	663.2	555.2
-15°	7806.0	6643.9	5429.7	4199.6	3019.6	2042.7	1397.6	1002.6	772.4	629.8	535.0
-17.5°	6904.9	5804.2	4653.1	3515.8	2509.7	1761.1	1249.8	923.8	722.5	597.5	513.7
-20°	5953.3	4905.6	3855.0	2871.3	2032.6	1441.5	1076.4	833.3	674.4	569.8	497.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4917.9	3990.0	3067.9	2207.7	1645.3	1231.3	939.6	743.8	619.3	538.5	478.5
-25°	3874.4	3083.1	2313.7	1761.4	1327.1	1016.6	813.8	676.4	579.9	510.6	458.5
-27.5°	2884.3	2223.3	1774.0	1365.5	1070.6	869.9	716.3	609.5	538.1	484.5	444.8
-30°	2036.1	1658.8	1337.7	1075.6	892.9	740.0	632.9	561.8	504.3	459.4	429.3
-32.5°	1451.8	1237.8	1019.5	879.0	745.7	645.7	575.3	517.1	472.2	441.4	415.7
-35°	1076.1	941.2	821.0	725.9	639.5	578.3	523.6	481.3	449.6	423.7	402.4
-37.5°	835.7	749.2	685.0	617.8	569.1	522.6	483.4	453.2	428.5	408.7	390.4
-40°	680.3	628.0	589.4	546.4	511.4	477.9	452.5	429.4	411.1	394.1	378.3
-42.5°	577.4	547.1	519.1	491.7	465.7	446.7	426.8	409.8	394.1	379.7	366.7
-45°	506.1	487.1	466.5	452.8	436.6	421.1	405.2	391.5	378.4	366.3	355.3
-47.5°	456.5	446.4	435.5	425.6	412.8	399.2	386.8	374.6	363.3	352.5	340.7
-50°	423.5	417.4	410.0	401.6	391.2	380.0	369.2	357.4	347.8	337.9	326.3
-52.5°	399.0	393.9	387.5	379.6	371.8	362.9	352.6	342.4	333.3	323.0	311.7
-55°	378.3	373.7	368.2	362.3	355.5	346.4	337.2	327.7	317.9	307.9	294.0
-57.5°	359.5	355.3	349.4	343.4	337.1	329.0	320.1	311.1	301.0	289.0	274.8
-60°	336.8	333.2	327.0	321.2	316.0	309.6	299.6	290.2	281.4	267.2	252.0
-62.5°	307.7	302.9	298.9	294.2	289.1	283.0	274.6	264.8	254.0	241.6	227.5
-65°	276.5	270.7	267.0	263.8	259.5	254.0	245.7	236.3	225.7	213.9	201.7
-67.5°	246.7	241.4	237.8	234.3	229.8	224.4	216.4	207.2	197.1	186.6	176.0
-70°	216.7	212.6	208.8	205.0	200.1	194.2	186.5	178.0	169.0	159.9	151.0
-72.5°	185.6	182.4	178.7	174.2	169.0	163.2	156.7	149.6	142.1	134.3	126.6
-75°	153.8	150.7	147.1	142.9	138.4	133.4	128.2	122.4	116.2	109.8	103.4
-77.5°	120.9	118.1	115.0	111.8	108.4	104.9	101.0	96.2	91.3	86.3	81.1
-80°	88.5	86.5	84.3	82.5	80.4	78.1	75.4	71.6	67.6	63.7	60.0
-82.5°	59.7	58.3	56.6	55.5	54.2	52.8	51.2	48.7	46.2	43.7	41.2
-85°	33.9	32.6	31.2	30.8	30.3	29.8	29.1	27.8	26.5	25.1	23.6
-87.5°	11.6	10.9	10.2	10.4	10.7	10.8	11.0	10.6	10.3	9.9	9.5
-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: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-722-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°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	4.9	4.2	3.5
85°	22.0	20.4	18.7	17.0	15.2	13.4	12.4	11.3	9.8	8.4	7.1
82.5°	38.6	36.2	33.6	31.0	28.0	25.1	22.2	19.3	16.2	12.8	10.5
80°	56.6	53.1	49.4	45.6	41.2	36.6	32.6	28.7	24.8	20.8	16.5
77.5°	76.2	71.0	65.7	60.8	55.8	50.4	44.6	38.7	33.5	28.7	23.6
75°	97.0	90.8	84.4	77.8	71.0	64.1	57.5	50.6	43.7	36.7	30.6
72.5°	119.2	111.4	103.4	95.2	87.3	79.2	70.8	62.5	54.5	46.3	38.0
70°	141.9	132.5	123.1	113.9	104.2	94.2	84.7	74.9	65.1	55.7	46.3
67.5°	165.2	154.5	143.5	132.6	121.9	110.6	98.6	87.2	76.0	65.0	54.5
65°	189.6	177.0	164.1	151.7	139.4	127.1	114.0	99.7	86.7	74.5	62.5
62.5°	213.6	199.8	185.4	170.6	156.6	142.9	129.1	113.2	97.5	83.7	70.4
60°	236.8	221.4	205.9	189.6	173.6	158.3	142.9	126.3	109.2	92.6	78.2
57.5°	258.2	242.0	224.6	207.5	190.3	173.3	156.3	138.7	120.6	102.4	85.7
55°	278.2	260.6	242.4	223.9	205.9	187.8	169.3	150.5	131.5	112.0	93.1
52.5°	297.0	278.7	259.4	239.7	220.2	201.5	182.0	162.1	141.9	121.4	101.2
50°	313.5	296.2	275.8	255.0	233.8	214.1	194.3	173.2	151.9	130.3	109.1
47.5°	327.3	311.4	291.7	269.8	247.6	226.5	205.8	184.0	161.6	138.9	116.7
45°	340.8	325.5	306.4	284.1	261.1	238.9	216.9	194.4	170.9	147.2	123.9
42.5°	353.5	338.2	320.4	297.8	274.1	250.7	227.7	204.2	179.8	155.1	130.8
40°	364.2	349.2	333.5	311.0	286.3	261.9	237.9	213.6	188.3	162.6	137.3
37.5°	374.7	359.4	343.1	323.4	297.7	272.5	247.6	222.7	196.5	169.9	143.4
35°	384.9	369.0	351.7	333.0	308.4	282.2	256.5	231.2	204.3	176.9	149.2
32.5°	394.0	377.7	359.7	340.8	318.2	291.3	264.8	238.6	211.4	183.4	154.5
30°	404.8	384.9	366.9	348.4	326.6	299.6	272.5	245.5	218.0	189.6	159.5
27.5°	415.1	391.9	373.4	354.8	333.2	307.1	279.6	252.0	224.1	195.3	164.5
25°	425.1	399.8	379.3	360.2	339.5	314.3	286.1	257.8	229.4	200.2	169.0
22.5°	436.6	407.2	384.9	364.8	345.6	320.8	292.0	263.1	234.1	204.6	173.2
20°	446.8	413.2	390.0	369.1	350.1	325.7	297.3	267.9	238.3	208.5	177.0
17.5°	456.8	420.0	395.1	373.3	353.5	330.1	301.9	272.0	242.0	211.9	180.4
15°	470.7	427.9	399.4	376.9	356.3	333.7	305.9	275.6	245.2	214.8	183.4
12.5°	482.6	434.4	403.0	379.8	358.7	336.8	309.2	278.5	247.8	217.3	186.1
10°	492.2	439.6	405.8	382.1	360.4	339.2	311.8	281.0	250.3	219.5	188.3
7.5°	499.6	443.5	407.8	383.7	361.7	340.9	314.2	283.2	252.3	221.3	190.0
5°	504.6	446.1	409.5	384.6	362.4	342.0	316.0	284.8	253.7	222.5	191.2
2.5°	507.1	447.3	410.8	384.9	362.5	342.3	317.0	285.8	254.5	223.3	192.0
0°	507.3	447.0	411.2	384.4	362.1	342.0	317.4	286.1	254.8	223.5	192.2
-2.5°	507.1	447.3	410.8	384.9	362.5	342.3	317.0	285.8	254.5	223.3	192.0
-5°	504.6	446.1	409.5	384.6	362.4	342.0	316.0	284.8	253.7	222.5	191.2
-7.5°	499.6	443.5	407.8	383.7	361.7	340.9	314.2	283.2	252.3	221.3	190.0
-10°	492.2	439.6	405.8	382.1	360.4	339.2	311.8	281.0	250.3	219.5	188.3
-12.5°	482.6	434.4	403.0	379.8	358.7	336.8	309.2	278.5	247.8	217.3	186.1
-15°	470.7	427.9	399.4	376.9	356.3	333.7	305.9	275.6	245.2	214.8	183.4
-17.5°	456.8	420.0	395.1	373.3	353.5	330.1	301.9	272.0	242.0	211.9	180.4
-20°	446.8	413.2	390.0	369.1	350.1	325.7	297.3	267.9	238.3	208.5	177.0



REPORT NUMBER: P626947 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	436.6	407.2	384.9	364.8	345.6	320.8	292.0	263.1	234.1	204.6	173.2
-25°	425.1	399.8	379.3	360.2	339.5	314.3	286.1	257.8	229.4	200.2	169.0
-27.5°	415.1	391.9	373.4	354.8	333.2	307.1	279.6	252.0	224.1	195.3	164.5
-30°	404.8	384.9	366.9	348.4	326.6	299.6	272.5	245.5	218.0	189.6	159.5
-32.5°	394.0	377.7	359.7	340.8	318.2	291.3	264.8	238.6	211.4	183.4	154.5
-35°	384.9	369.0	351.7	333.0	308.4	282.2	256.5	231.2	204.3	176.9	149.2
-37.5°	374.7	359.4	343.1	323.4	297.7	272.5	247.6	222.7	196.5	169.9	143.4
-40°	364.2	349.2	333.5	311.0	286.3	261.9	237.9	213.6	188.3	162.6	137.3
-42.5°	353.5	338.2	320.4	297.8	274.1	250.7	227.7	204.2	179.8	155.1	130.8
-45°	340.8	325.5	306.4	284.1	261.1	238.9	216.9	194.4	170.9	147.2	123.9
-47.5°	327.3	311.4	291.7	269.8	247.6	226.5	205.8	184.0	161.6	138.9	116.7
-50°	313.5	296.2	275.8	255.0	233.8	214.1	194.3	173.2	151.9	130.3	109.1
-52.5°	297.0	278.7	259.4	239.7	220.2	201.5	182.0	162.1	141.9	121.4	101.2
-55°	278.2	260.6	242.4	223.9	205.9	187.8	169.3	150.5	131.5	112.0	93.1
-57.5°	258.2	242.0	224.6	207.5	190.3	173.3	156.3	138.7	120.6	102.4	85.7
-60°	236.8	221.4	205.9	189.6	173.6	158.3	142.9	126.3	109.2	92.6	78.2
-62.5°	213.6	199.8	185.4	170.6	156.6	142.9	129.1	113.2	97.5	83.7	70.4
-65°	189.6	177.0	164.1	151.7	139.4	127.1	114.0	99.7	86.7	74.5	62.5
-67.5°	165.2	154.5	143.5	132.6	121.9	110.6	98.6	87.2	76.0	65.0	54.5
-70°	141.9	132.5	123.1	113.9	104.2	94.2	84.7	74.9	65.1	55.7	46.3
-72.5°	119.2	111.4	103.4	95.2	87.3	79.2	70.8	62.5	54.5	46.3	38.0
-75°	97.0	90.8	84.4	77.8	71.0	64.1	57.5	50.6	43.7	36.7	30.6
-77.5°	76.2	71.0	65.7	60.8	55.8	50.4	44.6	38.7	33.5	28.7	23.6
-80°	56.6	53.1	49.4	45.6	41.2	36.6	32.6	28.7	24.8	20.8	16.5
-82.5°	38.6	36.2	33.6	31.0	28.0	25.1	22.2	19.3	16.2	12.8	10.5
-85°	22.0	20.4	18.7	17.0	15.2	13.4	12.4	11.3	9.8	8.4	7.1
-87.5°	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7	4.9	4.2	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	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°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
85°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
82.5°	8.7	7.3	5.8	4.4	2.9	1.5	0.0
80°	11.9	9.6	7.7	5.8	3.9	1.9	0.0
77.5°	18.2	13.0	9.6	7.3	4.8	2.4	0.0
75°	24.4	18.2	11.9	8.7	5.8	2.9	0.0
72.5°	30.5	23.3	16.1	10.1	6.7	3.4	0.0
70°	36.7	28.4	20.1	11.8	7.7	3.8	0.0
67.5°	43.7	33.4	24.1	14.8	8.6	4.3	0.0
65°	50.5	38.6	28.0	17.7	9.5	4.7	0.0
62.5°	57.2	44.1	31.9	20.6	10.3	5.2	0.0
60°	63.6	49.4	35.6	23.4	11.2	5.6	0.0
57.5°	70.1	54.6	39.7	26.2	13.0	6.0	0.0
55°	76.5	59.6	43.7	28.8	14.7	6.4	0.0
52.5°	82.8	64.6	47.5	31.4	16.4	6.8	0.0
50°	88.8	69.6	51.2	34.0	18.0	7.2	0.0
47.5°	94.8	74.6	54.8	36.4	19.6	7.6	0.0
45°	101.0	79.3	58.2	39.0	21.1	7.9	0.0
42.5°	106.9	83.9	61.4	41.4	22.5	8.3	0.0
40°	112.5	88.3	64.7	43.6	23.8	8.6	0.0
37.5°	117.7	92.5	68.0	45.7	25.1	8.9	0.0
35°	122.7	96.6	71.2	47.7	26.3	9.2	0.0
32.5°	127.3	100.5	74.2	49.5	27.4	9.4	0.0
30°	131.5	104.1	77.0	51.2	28.4	9.7	0.0
27.5°	135.4	107.4	79.5	52.8	29.3	9.9	0.0
25°	139.0	110.4	81.7	54.2	30.1	10.2	0.0
22.5°	142.1	113.0	83.8	55.5	30.8	10.3	0.0
20°	145.0	115.3	85.6	56.6	31.5	10.5	0.0
17.5°	147.5	117.3	87.1	57.6	32.1	10.7	0.0
15°	149.8	119.0	88.5	58.4	32.5	10.8	0.0
12.5°	151.7	120.4	89.6	59.1	32.9	10.9	0.0
10°	153.4	121.5	90.5	59.7	33.2	11.0	0.0
7.5°	154.7	122.3	91.1	60.1	33.4	11.1	0.0
5°	155.6	122.8	91.5	60.3	33.5	11.2	0.0
2.5°	156.2	123.0	91.7	60.4	33.6	11.2	0.0
0°	156.4	122.9	91.6	60.3	33.5	11.2	0.0
-2.5°	156.2	123.0	91.7	60.4	33.6	11.2	0.0
-5°	155.6	122.8	91.5	60.3	33.5	11.2	0.0
-7.5°	154.7	122.3	91.1	60.1	33.4	11.1	0.0
-10°	153.4	121.5	90.5	59.7	33.2	11.0	0.0
-12.5°	151.7	120.4	89.6	59.1	32.9	10.9	0.0
-15°	149.8	119.0	88.5	58.4	32.5	10.8	0.0
-17.5°	147.5	117.3	87.1	57.6	32.1	10.7	0.0
-20°	145.0	115.3	85.6	56.6	31.5	10.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	142.1	113.0	83.8	55.5	30.8	10.3	0.0
-25°	139.0	110.4	81.7	54.2	30.1	10.2	0.0
-27.5°	135.4	107.4	79.5	52.8	29.3	9.9	0.0
-30°	131.5	104.1	77.0	51.2	28.4	9.7	0.0
-32.5°	127.3	100.5	74.2	49.5	27.4	9.4	0.0
-35°	122.7	96.6	71.2	47.7	26.3	9.2	0.0
-37.5°	117.7	92.5	68.0	45.7	25.1	8.9	0.0
-40°	112.5	88.3	64.7	43.6	23.8	8.6	0.0
-42.5°	106.9	83.9	61.4	41.4	22.5	8.3	0.0
-45°	101.0	79.3	58.2	39.0	21.1	7.9	0.0
-47.5°	94.8	74.6	54.8	36.4	19.6	7.6	0.0
-50°	88.8	69.6	51.2	34.0	18.0	7.2	0.0
-52.5°	82.8	64.6	47.5	31.4	16.4	6.8	0.0
-55°	76.5	59.6	43.7	28.8	14.7	6.4	0.0
-57.5°	70.1	54.6	39.7	26.2	13.0	6.0	0.0
-60°	63.6	49.4	35.6	23.4	11.2	5.6	0.0
-62.5°	57.2	44.1	31.9	20.6	10.3	5.2	0.0
-65°	50.5	38.6	28.0	17.7	9.5	4.7	0.0
-67.5°	43.7	33.4	24.1	14.8	8.6	4.3	0.0
-70°	36.7	28.4	20.1	11.8	7.7	3.8	0.0
-72.5°	30.5	23.3	16.1	10.1	6.7	3.4	0.0
-75°	24.4	18.2	11.9	8.7	5.8	2.9	0.0
-77.5°	18.2	13.0	9.6	7.3	4.8	2.4	0.0
-80°	11.9	9.6	7.7	5.8	3.9	1.9	0.0
-82.5°	8.7	7.3	5.8	4.4	2.9	1.5	0.0
-85°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
-87.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)