

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: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-722-U-WR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (64) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

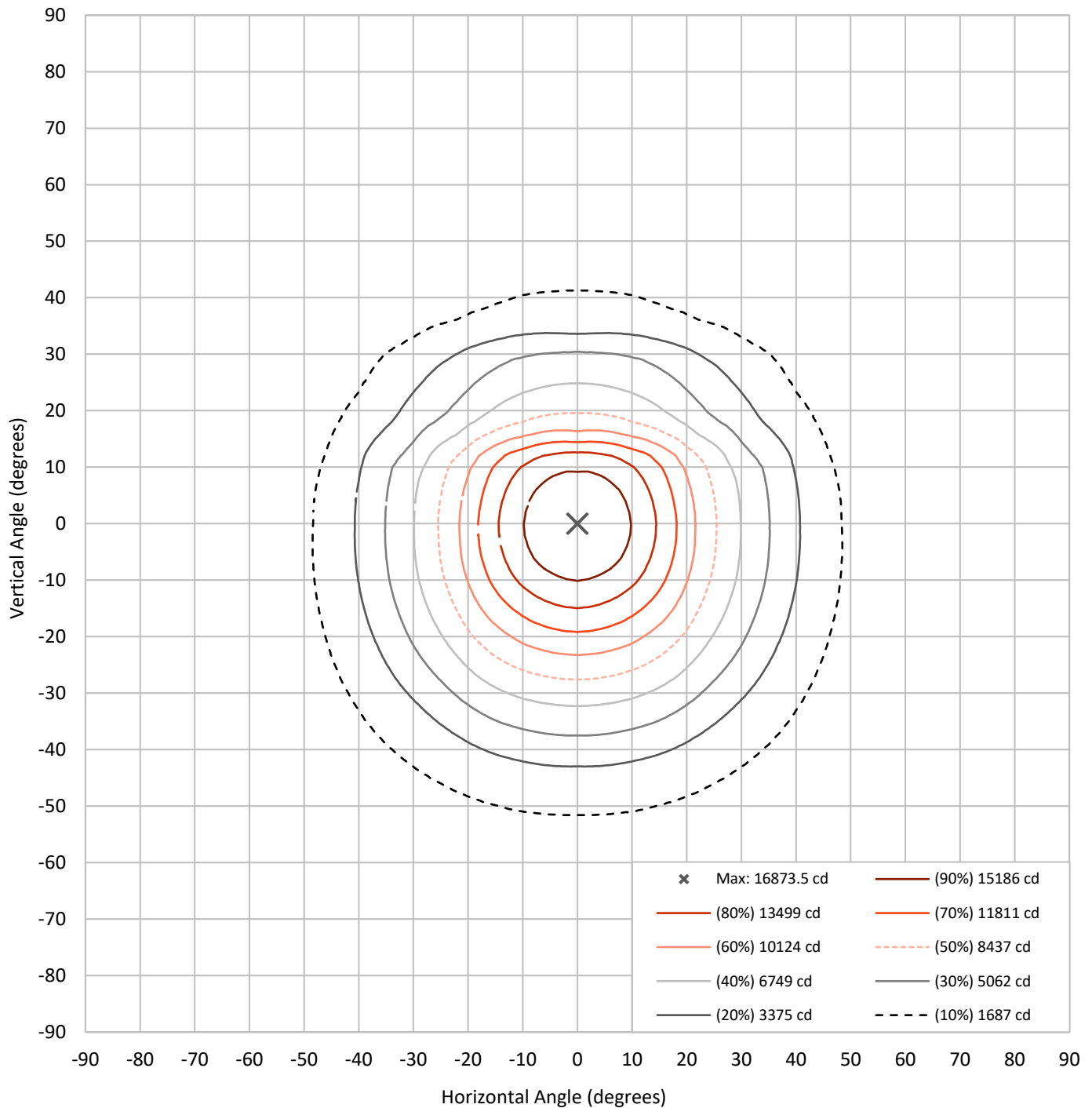
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14886.1 lumens	Max Intensity:	16873.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7166.9 lumens	Field Lumens:	13328.1 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	168.2		
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





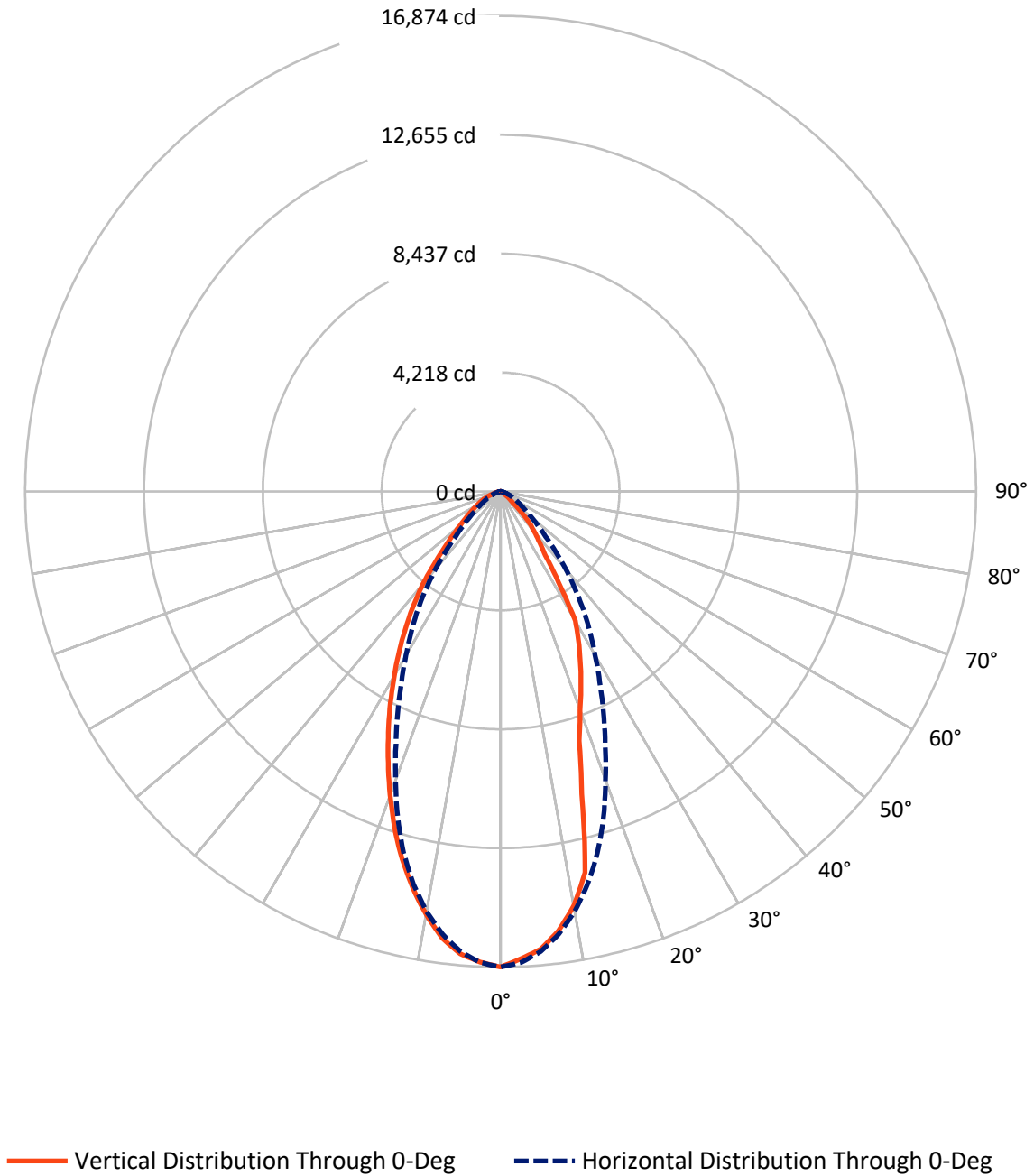
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### Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1			
50		0.3	0.8	1.4	2.3	3.4	4.7	5.3	5.3	4.7	3.4	2.3	1.4	0.8	0.3				
40	0.6	1.1	2.9	6.0	11.1	18.2	26.2	32.2	32.2	26.2	18.2	11.1	6.0	2.9	1.1	0.6			
30		2.3	5.8	13.5	27.8	51.1	78.1	93.9	93.9	78.1	51.1	27.8	13.5	5.8	2.3				
20	1.6	3.6	9.4	24.5	57.8	108.6	165.2	199.1	199.1	165.2	108.6	57.8	24.5	9.4	3.6	1.6			
10		4.8	13.4	38.3	95.1	175.9	274.9	339.8	339.8	274.9	175.9	95.1	38.3	13.4	4.8				
0	2.3	5.6	16.9	49.6	124.9	232.8	373.8	474.0	474.0	373.8	232.8	124.9	49.6	16.9	5.6	2.3			
-10		5.9	17.6	51.2	126.7	236.2	377.6	476.9	476.9	377.6	236.2	126.7	51.2	17.6	5.9				
-20	2.5	5.8	16.7	45.6	112.3	207.4	319.7	394.5	394.5	319.7	207.4	112.3	45.6	16.7	5.8	2.5			
-30		5.3	14.4	35.7	83.8	156.3	233.0	279.4	279.4	233.0	156.3	83.8	35.7	14.4	5.3				
-40	2.1	4.7	11.7	25.8	52.7	97.0	146.3	174.2	174.2	146.3	97.0	52.7	25.8	11.7	4.7	2.1			
-50		3.9	9.0	17.8	31.7	50.8	72.8	86.7	86.7	72.8	50.8	31.7	17.8	9.0	3.9				
-60	1.3	3.0	6.6	11.9	19.4	27.8	36.0	40.7	40.7	36.0	27.8	19.4	11.9	6.6	3.0	1.3			
-70		2.1	4.4	7.3	11.2	15.3	18.7	20.4	20.4	18.7	15.3	11.2	7.3	4.4	2.1				
-80																			
-90	0.4	4.2		10.9		19.6		17.8		19.6		10.9		4.2		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

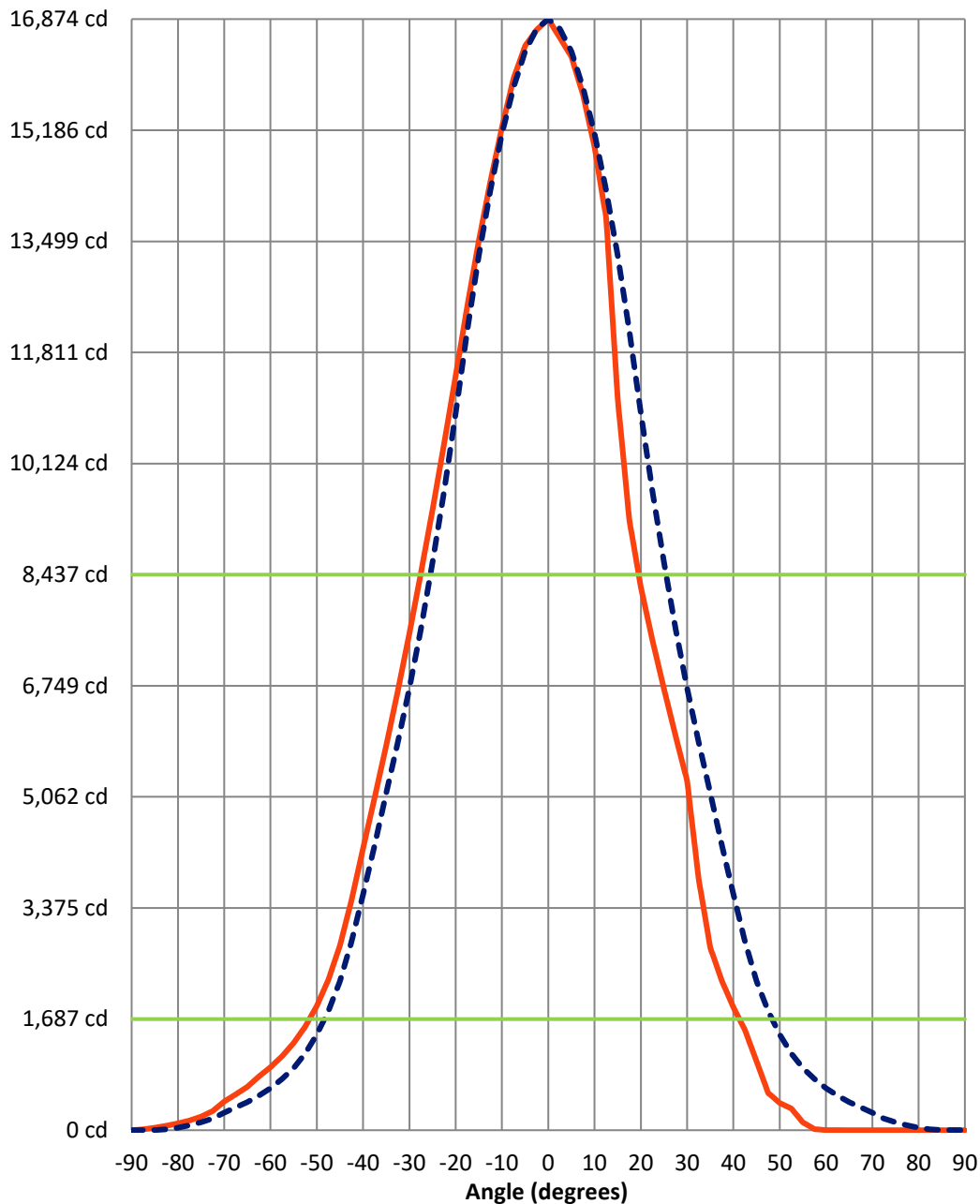
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 7166.9  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 13328.1  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1558  
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.2	1.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.4	0.7	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.4	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	0.0	0.5	0.9	1.2	1.2	1.2	1.3	1.2	1.2	1.6	1.5
65°	0.0	0.5	1.0	1.2	1.2	1.3	1.4	1.2	1.7	2.0	2.3
62.5°	0.0	0.6	1.1	1.2	1.2	1.6	1.6	1.6	2.3	3.2	5.0
60°	0.0	0.6	1.2	1.2	1.2	1.9	1.9	2.3	2.9	8.0	8.6
57.5°	0.0	0.6	1.2	1.2	1.5	2.3	3.2	3.1	7.8	13.4	14.8
55°	0.0	0.7	1.2	1.2	1.9	2.6	5.0	4.6	14.4	20.3	22.9
52.5°	0.0	0.7	1.3	1.2	2.3	3.3	7.0	11.3	21.5	30.1	32.4
50°	0.0	0.8	1.3	1.2	2.7	5.4	9.2	18.7	30.0	41.0	49.5
47.5°	0.0	0.8	1.3	1.3	3.1	7.6	12.3	26.2	41.3	52.9	67.2
45°	0.0	0.8	1.3	1.6	3.5	10.0	18.8	33.8	52.6	68.6	84.7
42.5°	0.0	0.9	1.4	1.9	4.0	12.5	25.3	42.7	63.8	84.0	104.1
40°	0.0	0.9	1.4	2.4	5.2	15.2	31.8	52.4	75.5	99.1	124.3
37.5°	0.0	1.0	1.5	2.9	7.3	17.9	38.2	62.0	88.1	114.6	144.9
35°	0.0	1.0	1.5	3.5	9.4	22.3	44.6	71.5	100.9	133.2	167.4
32.5°	0.0	1.0	1.6	4.1	11.5	27.3	51.3	80.9	113.6	152.2	192.7
30°	0.0	1.0	1.6	4.7	13.6	32.2	58.8	90.3	126.3	171.6	218.2
27.5°	0.0	1.1	1.7	5.4	16.1	37.0	66.1	100.7	140.2	191.3	243.8
25°	0.0	1.1	1.8	6.1	18.5	41.6	73.2	110.8	156.3	212.3	269.3
22.5°	0.0	1.1	1.8	6.9	20.9	46.0	79.9	120.7	172.2	233.6	295.3
20°	0.0	1.1	1.9	7.6	23.2	50.4	86.4	130.2	187.9	254.4	320.0
17.5°	0.0	1.1	2.0	8.4	25.4	54.5	92.3	139.4	203.1	274.6	343.4
15°	0.0	1.2	2.0	9.2	27.5	58.3	97.8	147.5	217.9	294.0	365.5
12.5°	0.0	1.2	2.1	9.9	29.5	61.8	102.8	154.3	230.1	312.6	386.2
10°	0.0	1.2	2.2	10.7	31.4	65.0	107.3	160.4	239.9	323.6	402.4
7.5°	0.0	1.2	2.2	11.4	33.1	67.9	111.4	165.7	248.4	332.0	410.9
5°	0.0	1.2	2.3	12.1	34.7	70.5	114.9	170.3	255.7	338.6	417.8
2.5°	0.0	1.2	2.3	12.7	36.1	72.8	118.0	174.1	261.8	343.6	423.1
0°	0.0	1.2	2.4	13.3	37.4	74.7	120.5	177.2	266.4	347.1	426.7
-2.5°	0.0	1.3	2.8	14.1	39.1	77.1	123.8	182.3	271.6	352.1	432.3
-5°	0.0	1.4	3.1	14.9	40.6	79.0	126.5	186.6	275.4	355.7	436.4
-7.5°	0.0	1.4	3.5	15.6	41.9	80.6	128.6	189.9	277.8	357.9	438.7
-10°	0.0	1.5	3.8	16.2	43.0	81.8	130.2	192.3	278.8	358.8	439.4
-12.5°	0.0	1.6	4.1	16.7	43.7	82.6	131.1	193.6	278.5	358.3	437.4
-15°	0.0	1.6	4.4	17.1	44.3	83.0	131.4	193.9	276.5	355.2	433.2
-17.5°	0.0	1.7	4.7	17.5	44.5	83.0	131.0	193.5	272.9	350.9	427.3
-20°	0.0	1.7	4.9	17.7	44.5	82.5	130.6	192.6	268.4	345.6	419.8

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Scaled Data Report



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.7	5.2	17.8	44.1	81.6	130.7	190.9	263.1	339.4	410.6
-25°	0.0	1.8	5.4	17.8	43.4	81.3	130.1	188.3	257.1	332.1	399.9
-27.5°	0.0	1.8	5.5	17.6	42.4	81.0	128.9	185.0	250.4	323.8	390.1
-30°	0.0	1.8	5.6	17.4	41.2	80.1	127.0	180.9	244.5	314.4	379.5
-32.5°	0.0	1.8	5.7	17.0	40.7	78.8	124.4	177.5	238.6	304.5	368.1
-35°	0.0	1.8	5.8	16.5	39.8	76.9	122.0	173.8	232.0	294.4	356.0
-37.5°	0.0	1.8	5.8	15.9	38.6	74.8	119.2	169.3	224.7	284.0	341.8
-40°	0.0	1.8	5.8	15.1	37.1	73.0	115.8	164.1	216.6	274.2	326.6
-42.5°	0.0	1.8	5.7	14.4	35.9	70.7	111.7	158.1	209.0	261.6	310.4
-45°	0.0	1.7	5.6	13.9	35.2	67.9	107.0	151.9	201.3	248.1	293.6
-47.5°	0.0	1.7	5.5	13.1	34.2	64.7	101.6	145.5	192.7	234.1	278.1
-50°	0.0	1.7	5.3	12.9	32.7	61.0	96.8	138.4	181.4	221.4	262.1
-52.5°	0.0	1.6	5.1	12.7	30.9	56.9	91.7	130.4	170.1	208.1	245.8
-55°	0.0	1.5	4.9	12.4	28.8	53.6	86.1	121.9	158.5	194.2	230.5
-57.5°	0.0	1.5	4.6	11.9	26.3	50.0	79.9	114.4	146.3	180.2	214.6
-60°	0.0	1.4	4.3	11.2	23.6	45.8	73.3	105.3	133.7	165.7	198.2
-62.5°	0.0	1.3	4.1	10.4	21.9	41.2	66.8	95.1	121.3	150.7	181.3
-65°	0.0	1.2	3.8	9.5	20.1	36.1	59.8	84.5	108.1	134.8	163.8
-67.5°	0.0	1.1	3.5	8.5	18.0	31.6	52.1	73.9	94.2	118.0	144.4
-70°	0.0	1.0	3.1	7.3	15.6	27.8	43.9	62.8	81.0	100.4	123.5
-72.5°	0.0	0.9	2.8	6.4	13.1	23.6	37.4	51.4	67.4	84.4	102.4
-75°	0.0	0.8	2.4	5.6	10.4	19.1	30.7	41.9	53.5	68.1	83.6
-77.5°	0.0	0.6	2.0	4.7	8.6	14.4	23.7	32.9	42.5	52.6	64.3
-80°	0.0	0.5	1.6	3.8	7.0	11.0	16.4	23.8	31.6	39.8	48.4
-82.5°	0.0	0.4	1.2	2.9	5.3	8.3	12.1	15.9	20.5	26.9	33.5
-85°	0.0	0.3	0.8	2.0	3.5	5.6	8.1	10.7	13.6	16.8	20.3
-87.5°	0.0	0.1	0.4	1.0	1.8	2.8	4.1	5.3	6.8	8.4	10.2
-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-SA4C-722-U-WR-VSR-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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	0.9	0.6
65°	1.2	1.2	1.6	1.8	1.3	1.2	1.2	1.2	1.3	1.1	1.1
62.5°	1.8	2.2	2.7	4.2	3.1	1.2	2.3	2.7	1.8	1.5	1.6
60°	5.3	3.6	9.3	12.8	8.4	4.4	5.4	10.9	9.0	2.4	6.4
57.5°	10.6	13.1	23.3	24.5	18.8	12.7	27.9	30.9	25.7	16.1	23.2
55°	22.2	31.2	39.4	38.9	39.2	49.2	57.9	56.8	50.1	69.1	87.0
52.5°	42.0	51.3	56.8	61.8	75.9	85.3	88.0	93.3	112.9	136.4	140.6
50°	61.6	71.2	78.4	96.7	111.1	118.6	125.4	143.4	173.1	189.2	191.8
47.5°	81.5	92.3	111.1	131.2	145.1	156.3	168.2	209.1	242.2	256.0	261.0
45°	102.2	120.8	144.4	165.0	181.2	196.2	235.0	290.8	314.2	335.2	388.8
42.5°	123.7	151.7	178.3	199.9	218.1	249.7	303.7	357.7	391.1	435.9	500.6
40°	151.2	182.5	213.4	235.3	258.0	306.0	372.8	430.0	465.3	525.4	599.2
37.5°	179.0	215.7	249.0	272.1	304.1	369.0	447.4	515.9	559.8	608.7	727.2
35°	206.6	249.5	283.7	314.7	354.2	443.6	540.3	616.6	670.8	754.6	904.6
32.5°	235.9	283.9	318.9	361.2	426.1	526.0	644.8	729.5	819.3	939.9	1180.1
30°	267.2	316.2	356.4	407.2	494.2	610.8	748.7	855.1	977.1	1172.8	1431.8
27.5°	298.4	348.4	397.9	462.5	558.0	684.0	828.0	995.8	1153.4	1372.3	1655.4
25°	328.4	381.2	438.5	516.6	619.9	751.7	908.9	1102.5	1308.1	1558.6	1891.0
22.5°	357.0	414.4	481.5	565.5	672.1	816.1	1003.6	1230.9	1478.0	1737.4	2119.4
20°	385.1	451.5	528.6	622.6	720.2	875.4	1096.1	1371.4	1681.1	2036.5	2410.8
17.5°	412.8	488.2	577.2	681.6	799.9	958.8	1191.0	1518.7	1895.7	2358.2	2819.1
15°	439.9	524.2	624.2	740.0	880.3	1070.3	1334.0	1694.2	2149.6	2703.5	3249.4
12.5°	466.3	559.1	669.3	797.0	958.3	1175.2	1468.7	1857.3	2379.2	3040.9	3711.5
10°	491.5	592.5	712.1	852.0	1033.0	1272.8	1587.8	1998.5	2552.4	3234.3	3980.2
7.5°	504.3	615.2	748.7	904.3	1103.5	1362.5	1691.5	2117.8	2687.7	3389.8	4137.7
5°	513.5	625.6	762.4	925.2	1142.3	1423.4	1770.8	2215.3	2787.5	3506.9	4244.4
2.5°	520.6	633.0	772.4	937.0	1157.6	1443.7	1797.0	2249.3	2841.0	3568.0	4306.6
0°	525.5	637.6	778.6	943.7	1165.5	1453.5	1809.1	2263.5	2863.7	3582.0	4329.3
-2.5°	530.7	643.8	785.1	954.2	1176.5	1466.9	1822.4	2273.5	2880.7	3585.9	4341.5
-5°	533.6	647.2	787.6	959.3	1180.1	1469.4	1821.5	2263.9	2867.1	3557.8	4315.0
-7.5°	534.4	647.5	786.2	958.3	1175.5	1458.0	1802.2	2235.7	2820.4	3500.8	4249.8
-10°	533.1	644.7	781.0	949.6	1162.3	1434.4	1767.8	2186.7	2743.6	3406.8	4139.7
-12.5°	529.2	638.7	771.7	935.4	1141.0	1400.7	1719.3	2116.9	2636.9	3276.1	3984.5
-15°	523.0	629.7	758.3	915.7	1111.6	1357.4	1656.9	2026.4	2499.5	3109.9	3791.2
-17.5°	514.4	617.8	740.7	890.6	1074.0	1304.8	1581.6	1920.3	2351.4	2924.5	3576.3
-20°	503.4	602.9	719.0	860.2	1030.7	1249.4	1511.6	1826.3	2212.7	2712.1	3322.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	490.1	585.2	696.0	831.1	992.3	1191.8	1433.4	1719.8	2057.2	2466.6	3046.0
-25°	476.4	568.3	673.6	798.7	948.4	1126.6	1344.0	1604.9	1910.4	2285.2	2764.2
-27.5°	462.8	548.8	647.8	761.3	899.2	1059.3	1259.8	1497.7	1770.0	2088.7	2478.8
-30°	447.6	527.1	619.3	722.1	852.1	1000.7	1174.1	1377.9	1620.0	1907.9	2247.0
-32.5°	430.9	503.7	591.7	688.2	801.6	936.9	1086.8	1271.2	1481.8	1719.4	2012.5
-35°	414.3	483.8	563.4	651.6	747.4	874.1	1011.9	1164.8	1344.0	1554.4	1788.8
-37.5°	398.4	462.0	533.1	615.3	705.2	810.4	932.1	1070.2	1224.4	1391.8	1594.3
-40°	380.6	438.6	505.7	580.3	659.8	750.9	860.6	977.8	1110.6	1257.9	1414.3
-42.5°	361.3	417.0	478.3	542.6	615.5	696.9	787.9	895.1	1005.4	1128.8	1265.3
-45°	342.4	393.5	449.6	508.3	569.6	641.6	724.2	813.4	911.2	1011.9	1126.6
-47.5°	322.5	369.2	421.4	472.5	526.9	588.3	658.4	739.3	820.8	910.5	999.4
-50°	302.5	346.4	390.3	437.9	486.6	537.7	597.0	666.8	741.0	815.4	893.7
-52.5°	284.7	322.6	362.2	403.1	447.5	493.0	542.4	599.9	664.8	730.3	797.8
-55°	266.4	301.4	334.1	370.8	409.1	450.0	494.1	542.5	591.5	651.2	709.2
-57.5°	248.6	279.6	308.1	339.3	373.4	408.2	447.9	489.0	533.5	578.6	626.1
-60°	230.7	257.0	282.9	309.9	338.6	369.5	401.3	437.5	475.7	514.8	556.0
-62.5°	212.2	233.6	256.3	281.1	306.3	330.1	356.9	386.4	417.8	451.5	486.4
-65°	191.5	209.2	228.2	249.8	273.4	292.7	313.2	335.4	361.4	389.1	416.4
-67.5°	169.4	185.1	200.6	216.6	235.8	253.0	269.9	287.6	307.0	329.6	351.6
-70°	144.8	160.5	174.1	187.4	199.6	211.9	226.2	240.2	255.8	276.1	296.1
-72.5°	119.8	134.5	147.5	158.7	167.3	174.6	183.4	193.6	208.6	227.4	245.0
-75°	96.9	108.8	120.9	131.7	137.2	139.4	141.3	146.6	161.8	181.2	198.3
-77.5°	75.5	85.8	95.7	105.1	109.0	110.5	111.3	111.2	122.5	138.9	156.3
-80°	55.6	62.8	71.1	79.2	81.6	82.3	82.4	81.9	91.1	102.9	115.6
-82.5°	38.6	43.8	49.1	54.6	55.3	55.0	54.1	53.4	60.8	69.3	78.1
-85°	22.5	24.7	27.9	31.3	31.7	31.5	30.9	30.0	34.1	38.7	43.7
-87.5°	11.3	12.3	13.4	14.5	14.1	13.6	12.8	12.0	13.1	14.3	15.5
-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: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-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°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.2	0.9	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.6	1.5	1.1	1.0	1.1	1.2	1.0	0.8	0.8	0.9	1.0
60°	6.8	3.9	4.0	5.1	4.3	2.0	3.9	5.0	4.6	3.5	3.1
57.5°	34.6	29.0	20.3	33.9	34.9	24.4	26.4	34.5	33.4	25.8	25.7
55°	87.2	88.4	94.9	103.5	109.9	112.8	115.4	128.4	142.2	155.8	162.5
52.5°	143.9	160.8	181.8	195.6	205.3	225.1	252.9	265.7	278.1	292.2	302.4
50°	212.0	241.3	262.3	265.4	298.4	319.8	324.9	348.8	374.9	391.2	402.8
47.5°	315.5	352.5	370.8	382.5	422.7	466.8	466.8	480.6	545.9	580.0	596.4
45°	454.4	485.2	517.6	601.8	679.2	703.8	756.4	827.6	873.9	937.6	1007.6
42.5°	572.7	630.6	711.8	804.5	882.1	946.7	1024.8	1110.4	1213.3	1310.0	1393.4
40°	689.7	761.4	862.0	962.9	1060.6	1150.1	1276.0	1386.1	1507.4	1640.4	1751.3
37.5°	842.5	934.3	1038.2	1165.4	1317.5	1416.9	1590.0	1748.2	1884.9	2045.6	2144.5
35°	1077.1	1196.8	1288.8	1545.9	1730.9	1847.1	2052.1	2312.1	2412.0	2614.3	2710.2
32.5°	1372.1	1531.1	1773.2	2113.7	2360.7	2574.7	2881.2	3145.0	3369.9	3573.0	3784.4
30°	1703.5	1949.0	2305.8	2758.2	3009.1	3308.9	3723.3	4036.1	4388.8	4775.8	4911.4
27.5°	2004.3	2371.9	2786.2	3152.7	3513.1	3886.4	4293.6	4695.5	5077.1	5399.2	5615.4
25°	2283.0	2728.2	3131.0	3522.5	3913.1	4333.5	4794.1	5249.8	5669.8	6001.2	6253.2
22.5°	2570.5	3040.9	3471.7	3869.0	4323.4	4799.7	5289.5	5812.3	6290.3	6634.1	6908.7
20°	2840.9	3364.1	3855.4	4307.8	4737.3	5287.2	5851.2	6405.7	6926.2	7335.8	7652.4
17.5°	3270.0	3724.2	4324.7	4912.4	5396.2	5901.3	6655.0	7227.3	7805.0	8295.5	8631.1
15°	3796.9	4296.4	4916.5	5723.6	6386.5	6965.3	7743.9	8674.9	9356.2	9982.4	10412.0
12.5°	4324.3	4889.2	5560.0	6468.2	7412.1	8093.9	9038.4	10218.1	11011.8	11981.3	12459.2
10°	4728.5	5437.9	6128.7	6957.5	7864.0	8834.8	9853.1	10956.8	12017.1	12849.6	13593.8
7.5°	4891.3	5646.9	6446.6	7292.2	8198.6	9200.6	10285.8	11434.3	12525.6	13455.4	14273.3
5°	5013.0	5787.1	6592.1	7456.8	8425.7	9472.0	10573.4	11779.2	12893.7	13890.3	14727.0
2.5°	5090.3	5871.7	6673.2	7552.4	8571.3	9648.8	10785.6	12023.3	13154.5	14180.5	15014.4
0°	5119.9	5890.1	6710.8	7616.0	8624.8	9704.7	10890.6	12142.9	13283.1	14275.0	15133.1
-2.5°	5123.9	5873.0	6713.3	7614.0	8579.2	9669.3	10869.5	12111.4	13228.4	14216.3	15082.1
-5°	5083.7	5832.5	6673.5	7560.6	8527.2	9609.0	10757.7	11957.7	13023.1	13984.6	14818.2
-7.5°	5002.2	5748.9	6571.3	7438.1	8378.6	9428.0	10531.3	11646.9	12692.0	13614.2	14409.7
-10°	4881.2	5612.2	6406.1	7250.7	8140.6	9138.7	10190.8	11256.7	12236.7	13089.6	13825.2
-12.5°	4717.4	5431.5	6189.6	6995.9	7824.3	8775.9	9769.3	10770.3	11663.6	12442.1	13102.1
-15°	4504.6	5202.1	5936.2	6698.7	7502.0	8362.5	9254.1	10172.2	10996.1	11686.5	12289.4
-17.5°	4254.0	4930.4	5627.6	6334.4	7096.7	7904.0	8731.6	9555.8	10258.4	10871.8	11423.2
-20°	3974.5	4626.3	5288.5	5947.5	6639.0	7385.7	8150.0	8874.0	9488.0	10045.3	10549.9



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3661.2	4285.1	4919.9	5536.5	6160.1	6836.2	7518.8	8173.5	8747.8	9224.6	9663.1
-25°	3325.8	3902.2	4501.7	5079.9	5653.8	6259.7	6879.7	7482.0	7987.5	8401.5	8763.8
-27.5°	2987.9	3514.6	4042.7	4587.1	5117.6	5676.7	6238.0	6758.3	7212.1	7593.2	7897.7
-30°	2632.7	3103.5	3585.8	4078.3	4584.9	5096.6	5603.8	6059.3	6455.5	6790.7	7053.8
-32.5°	2337.4	2695.1	3121.0	3568.1	4042.9	4509.1	4950.3	5365.5	5738.9	6031.5	6254.7
-35°	2054.5	2357.4	2676.3	3072.1	3480.1	3909.0	4314.9	4685.5	5018.2	5274.0	5483.9
-37.5°	1811.3	2050.9	2320.5	2603.0	2945.1	3299.8	3666.0	4014.6	4311.3	4534.4	4721.9
-40°	1600.7	1789.9	2005.4	2229.3	2481.0	2735.8	3054.7	3348.8	3591.0	3799.6	3969.5
-42.5°	1410.4	1570.0	1729.1	1912.9	2102.7	2307.5	2531.4	2748.9	2934.8	3109.4	3253.6
-45°	1246.1	1373.6	1500.5	1642.4	1781.8	1948.3	2108.2	2250.9	2401.5	2532.2	2635.0
-47.5°	1102.5	1201.9	1310.6	1416.8	1528.7	1654.2	1773.1	1881.7	1992.0	2087.6	2164.3
-50°	974.7	1057.2	1145.9	1229.3	1319.9	1411.7	1499.7	1586.0	1669.8	1742.5	1799.1
-52.5°	863.0	935.0	1004.1	1070.6	1142.6	1210.5	1274.2	1345.5	1411.0	1468.4	1507.1
-55°	767.8	826.6	883.3	938.8	993.2	1044.7	1095.5	1150.8	1201.4	1247.0	1275.8
-57.5°	678.4	728.5	776.5	821.8	865.0	905.9	948.7	991.3	1030.2	1064.6	1086.9
-60°	597.1	638.0	679.5	716.5	751.4	784.1	820.1	854.1	885.6	912.0	927.5
-62.5°	522.7	559.4	590.0	619.2	648.9	678.3	703.9	729.0	753.3	773.7	787.2
-65°	444.8	475.9	502.0	525.5	546.7	569.5	591.3	611.0	628.5	641.9	650.4
-67.5°	375.1	398.0	418.9	437.5	456.5	474.8	491.6	506.6	519.7	529.0	535.1
-70°	314.6	332.0	349.2	366.1	383.0	397.3	409.4	420.6	430.8	435.0	436.9
-72.5°	261.4	276.9	291.9	306.9	321.0	332.1	341.0	349.2	356.6	350.3	339.1
-75°	213.2	226.9	240.9	254.1	266.5	275.0	281.6	287.8	293.3	279.5	260.6
-77.5°	173.8	185.8	196.1	206.5	216.6	222.1	226.3	230.4	234.4	219.0	199.6
-80°	128.9	138.6	147.4	156.0	164.5	167.8	169.7	171.0	171.7	158.5	143.3
-82.5°	87.1	92.1	96.9	102.0	107.2	109.9	111.9	113.5	114.6	105.3	94.7
-85°	48.8	50.3	51.5	52.5	53.4	55.1	56.7	58.2	59.6	55.1	50.2
-87.5°	16.8	16.8	16.7	16.6	16.4	16.4	16.4	16.4	16.3	15.6	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8
60°	2.4	1.5	1.2	1.2	1.2	1.5	2.4	3.1	3.5	4.6	5.0
57.5°	24.0	20.9	18.8	16.9	18.8	20.9	24.0	25.7	25.8	33.4	34.5
55°	159.6	148.6	135.1	119.3	135.1	148.6	159.6	162.5	155.8	142.2	128.4
52.5°	313.2	323.6	329.6	329.0	329.6	323.6	313.2	302.4	292.2	278.1	265.7
50°	412.1	417.8	418.1	413.4	418.1	417.8	412.1	402.8	391.2	374.9	348.8
47.5°	603.9	595.9	582.4	567.7	582.4	595.9	603.9	596.4	580.0	545.9	480.6
45°	1053.7	1079.1	1077.4	1045.0	1077.4	1079.1	1053.7	1007.6	937.6	873.9	827.6
42.5°	1440.0	1478.0	1504.9	1518.6	1504.9	1478.0	1440.0	1393.4	1310.0	1213.3	1110.4
40°	1813.7	1850.5	1866.7	1865.7	1866.7	1850.5	1813.7	1751.3	1640.4	1507.4	1386.1
37.5°	2208.7	2256.2	2279.3	2268.3	2279.3	2256.2	2208.7	2144.5	2045.6	1884.9	1748.2
35°	2751.8	2796.3	2797.1	2774.5	2797.1	2796.3	2751.8	2710.2	2614.3	2412.0	2312.1
32.5°	3952.2	3967.1	3852.8	3812.2	3852.8	3967.1	3952.2	3784.4	3573.0	3369.9	3145.0
30°	5046.4	5151.8	5250.0	5299.5	5250.0	5151.8	5046.4	4911.4	4775.8	4388.8	4036.1
27.5°	5778.3	5905.2	5983.9	5988.9	5983.9	5905.2	5778.3	5615.4	5399.2	5077.1	4695.5
25°	6444.1	6586.1	6671.8	6701.2	6671.8	6586.1	6444.1	6253.2	6001.2	5669.8	5249.8
22.5°	7141.7	7308.9	7419.8	7442.4	7419.8	7308.9	7141.7	6908.7	6634.1	6290.3	5812.3
20°	7950.9	8145.6	8251.9	8247.5	8251.9	8145.6	7950.9	7652.4	7335.8	6926.2	6405.7
17.5°	9016.4	9225.2	9316.9	9276.8	9316.9	9225.2	9016.4	8631.1	8295.5	7805.0	7227.3
15°	10852.9	11289.7	11287.9	11113.6	11287.9	11289.7	10852.9	10412.0	9982.4	9356.2	8674.9
12.5°	13118.3	13443.8	13777.8	13849.5	13777.8	13443.8	13118.3	12459.2	11981.3	11011.8	10218.1
10°	14220.6	14652.9	14938.1	14930.6	14938.1	14652.9	14220.6	13593.8	12849.6	12017.1	10956.8
7.5°	14910.3	15387.8	15733.5	15726.1	15733.5	15387.8	14910.3	14273.3	13455.4	12525.6	11434.3
5°	15442.4	15972.1	16278.4	16301.0	16278.4	15972.1	15442.4	14727.0	13890.3	12893.7	11779.2
2.5°	15718.9	16271.8	16639.9	16591.5	16639.9	16271.8	15718.9	15014.4	14180.5	13154.5	12023.3
0°	15834.6	16381.8	16725.2	16873.5	16725.2	16381.8	15834.6	15133.1	14275.0	13283.1	12142.9
-2.5°	15784.1	16316.5	16696.1	16710.8	16696.1	16316.5	15784.1	15082.1	14216.3	13228.4	12111.4
-5°	15513.7	16075.5	16329.8	16464.9	16329.8	16075.5	15513.7	14818.2	13984.6	13023.1	11957.7
-7.5°	15077.5	15498.5	15821.6	15970.8	15821.6	15498.5	15077.5	14409.7	13614.2	12692.0	11646.9
-10°	14398.7	14834.6	15107.6	15230.7	15107.6	14834.6	14398.7	13825.2	13089.6	12236.7	11256.7
-12.5°	13646.7	14042.9	14302.4	14406.3	14302.4	14042.9	13646.7	13102.1	12442.1	11663.6	10770.3
-15°	12807.8	13167.4	13406.3	13506.0	13406.3	13167.4	12807.8	12289.4	11686.5	10996.1	10172.2
-17.5°	11884.2	12199.4	12437.5	12509.3	12437.5	12199.4	11884.2	11423.2	10871.8	10258.4	9555.8
-20°	10934.6	11219.5	11415.6	11458.3	11415.6	11219.5	10934.6	10549.9	10045.3	9488.0	8874.0



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9977.8	10212.5	10371.7	10425.4	10371.7	10212.5	9977.8	9663.1	9224.6	8747.8	8173.5
-25°	9042.7	9245.3	9373.4	9421.4	9373.4	9245.3	9042.7	8763.8	8401.5	7987.5	7482.0
-27.5°	8143.3	8332.2	8449.9	8465.7	8449.9	8332.2	8143.3	7897.7	7593.2	7212.1	6758.3
-30°	7258.4	7414.4	7505.1	7543.7	7505.1	7414.4	7258.4	7053.8	6790.7	6455.5	6059.3
-32.5°	6431.5	6567.7	6649.3	6671.1	6649.3	6567.7	6431.5	6254.7	6031.5	5738.9	5365.5
-35°	5650.8	5776.6	5848.9	5843.0	5848.9	5776.6	5650.8	5483.9	5274.0	5018.2	4685.5
-37.5°	4876.9	4993.0	5058.6	5052.4	5058.6	4993.0	4876.9	4721.9	4534.4	4311.3	4014.6
-40°	4109.1	4209.3	4267.1	4281.0	4267.1	4209.3	4109.1	3969.5	3799.6	3591.0	3348.8
-42.5°	3373.5	3466.0	3512.2	3494.0	3512.2	3466.0	3373.5	3253.6	3109.4	2934.8	2748.9
-45°	2707.0	2754.8	2786.2	2805.8	2786.2	2754.8	2707.0	2635.0	2532.2	2401.5	2250.9
-47.5°	2220.4	2260.0	2281.5	2285.2	2281.5	2260.0	2220.4	2164.3	2087.6	1992.0	1881.7
-50°	1843.1	1876.8	1891.7	1887.4	1891.7	1876.8	1843.1	1799.1	1742.5	1669.8	1586.0
-52.5°	1534.9	1554.4	1567.6	1574.1	1567.6	1554.4	1534.9	1507.1	1468.4	1411.0	1345.5
-55°	1297.5	1312.7	1321.6	1324.6	1321.6	1312.7	1297.5	1275.8	1247.0	1201.4	1150.8
-57.5°	1105.4	1119.9	1125.2	1123.3	1125.2	1119.9	1105.4	1086.9	1064.6	1030.2	991.3
-60°	939.3	947.6	953.8	957.0	953.8	947.6	939.3	927.5	912.0	885.6	854.1
-62.5°	797.9	805.7	812.2	816.0	812.2	805.7	797.9	787.2	773.7	753.3	729.0
-65°	656.3	659.8	660.8	659.3	660.8	659.8	656.3	650.4	641.9	628.5	611.0
-67.5°	539.7	542.6	544.5	544.8	544.5	542.6	539.7	535.1	529.0	519.7	506.6
-70°	438.7	439.9	438.5	435.1	438.5	439.9	438.7	436.9	435.0	430.8	420.6
-72.5°	327.7	315.7	303.8	290.5	303.8	315.7	327.7	339.1	350.3	356.6	349.2
-75°	241.0	220.6	213.2	206.1	213.2	220.6	241.0	260.6	279.5	293.3	287.8
-77.5°	179.2	158.0	152.4	147.0	152.4	158.0	179.2	199.6	219.0	234.4	230.4
-80°	127.3	110.8	107.2	103.7	107.2	110.8	127.3	143.3	158.5	171.7	171.0
-82.5°	83.7	72.1	69.8	67.5	69.8	72.1	83.7	94.7	105.3	114.6	113.5
-85°	45.1	39.6	38.6	37.4	38.6	39.6	45.1	50.2	55.1	59.6	58.2
-87.5°	14.1	13.3	13.3	13.3	13.3	13.3	14.1	14.9	15.6	16.3	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-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°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	0.9	0.9	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0	1.2	1.2	1.2
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.2	1.2
65°	0.3	0.2	0.3	0.6	0.9	1.2	1.2	1.1	1.1	1.3	1.2
62.5°	1.0	1.2	1.1	1.0	1.1	1.5	1.6	1.6	1.5	1.8	2.7
60°	3.9	2.0	4.3	5.1	4.0	3.9	6.8	6.4	2.4	9.0	10.9
57.5°	26.4	24.4	34.9	33.9	20.3	29.0	34.6	23.2	16.1	25.7	30.9
55°	115.4	112.8	109.9	103.5	94.9	88.4	87.2	87.0	69.1	50.1	56.8
52.5°	252.9	225.1	205.3	195.6	181.8	160.8	143.9	140.6	136.4	112.9	93.3
50°	324.9	319.8	298.4	265.4	262.3	241.3	212.0	191.8	189.2	173.1	143.4
47.5°	466.8	466.8	422.7	382.5	370.8	352.5	315.5	261.0	256.0	242.2	209.1
45°	756.4	703.8	679.2	601.8	517.6	485.2	454.4	388.8	335.2	314.2	290.8
42.5°	1024.8	946.7	882.1	804.5	711.8	630.6	572.7	500.6	435.9	391.1	357.7
40°	1276.0	1150.1	1060.6	962.9	862.0	761.4	689.7	599.2	525.4	465.3	430.0
37.5°	1590.0	1416.9	1317.5	1165.4	1038.2	934.3	842.5	727.2	608.7	559.8	515.9
35°	2052.1	1847.1	1730.9	1545.9	1288.8	1196.8	1077.1	904.6	754.6	670.8	616.6
32.5°	2881.2	2574.7	2360.7	2113.7	1773.2	1531.1	1372.1	1180.1	939.9	819.3	729.5
30°	3723.3	3308.9	3009.1	2758.2	2305.8	1949.0	1703.5	1431.8	1172.8	977.1	855.1
27.5°	4293.6	3886.4	3513.1	3152.7	2786.2	2371.9	2004.3	1655.4	1372.3	1153.4	995.8
25°	4794.1	4333.5	3913.1	3522.5	3131.0	2728.2	2283.0	1891.0	1558.6	1308.1	1102.5
22.5°	5289.5	4799.7	4323.4	3869.0	3471.7	3040.9	2570.5	2119.4	1737.4	1478.0	1230.9
20°	5851.2	5287.2	4737.3	4307.8	3855.4	3364.1	2840.9	2410.8	2036.5	1681.1	1371.4
17.5°	6655.0	5901.3	5396.2	4912.4	4324.7	3724.2	3270.0	2819.1	2358.2	1895.7	1518.7
15°	7743.9	6965.3	6386.5	5723.6	4916.5	4296.4	3796.9	3249.4	2703.5	2149.6	1694.2
12.5°	9038.4	8093.9	7412.1	6468.2	5560.0	4889.2	4324.3	3711.5	3040.9	2379.2	1857.3
10°	9853.1	8834.8	7864.0	6957.5	6128.7	5437.9	4728.5	3980.2	3234.3	2552.4	1998.5
7.5°	10285.8	9200.6	8198.6	7292.2	6446.6	5646.9	4891.3	4137.7	3389.8	2687.7	2117.8
5°	10573.4	9472.0	8425.7	7456.8	6592.1	5787.1	5013.0	4244.4	3506.9	2787.5	2215.3
2.5°	10785.6	9648.8	8571.3	7552.4	6673.2	5871.7	5090.3	4306.6	3568.0	2841.0	2249.3
0°	10890.6	9704.7	8624.8	7616.0	6710.8	5890.1	5119.9	4329.3	3582.0	2863.7	2263.5
-2.5°	10869.5	9669.3	8579.2	7614.0	6713.3	5873.0	5123.9	4341.5	3585.9	2880.7	2273.5
-5°	10757.7	9609.0	8527.2	7560.6	6673.5	5832.5	5083.7	4315.0	3557.8	2867.1	2263.9
-7.5°	10531.3	9428.0	8378.6	7438.1	6571.3	5748.9	5002.2	4249.8	3500.8	2820.4	2235.7
-10°	10190.8	9138.7	8140.6	7250.7	6406.1	5612.2	4881.2	4139.7	3406.8	2743.6	2186.7
-12.5°	9769.3	8775.9	7824.3	6995.9	6189.6	5431.5	4717.4	3984.5	3276.1	2636.9	2116.9
-15°	9254.1	8362.5	7502.0	6698.7	5936.2	5202.1	4504.6	3791.2	3109.9	2499.5	2026.4
-17.5°	8731.6	7904.0	7096.7	6334.4	5627.6	4930.4	4254.0	3576.3	2924.5	2351.4	1920.3
-20°	8150.0	7385.7	6639.0	5947.5	5288.5	4626.3	3974.5	3322.8	2712.1	2212.7	1826.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7518.8	6836.2	6160.1	5536.5	4919.9	4285.1	3661.2	3046.0	2466.6	2057.2	1719.8
-25°	6879.7	6259.7	5653.8	5079.9	4501.7	3902.2	3325.8	2764.2	2285.2	1910.4	1604.9
-27.5°	6238.0	5676.7	5117.6	4587.1	4042.7	3514.6	2987.9	2478.8	2088.7	1770.0	1497.7
-30°	5603.8	5096.6	4584.9	4078.3	3585.8	3103.5	2632.7	2247.0	1907.9	1620.0	1377.9
-32.5°	4950.3	4509.1	4042.9	3568.1	3121.0	2695.1	2337.4	2012.5	1719.4	1481.8	1271.2
-35°	4314.9	3909.0	3480.1	3072.1	2676.3	2357.4	2054.5	1788.8	1554.4	1344.0	1164.8
-37.5°	3666.0	3299.8	2945.1	2603.0	2320.5	2050.9	1811.3	1594.3	1391.8	1224.4	1070.2
-40°	3054.7	2735.8	2481.0	2229.3	2005.4	1789.9	1600.7	1414.3	1257.9	1110.6	977.8
-42.5°	2531.4	2307.5	2102.7	1912.9	1729.1	1570.0	1410.4	1265.3	1128.8	1005.4	895.1
-45°	2108.2	1948.3	1781.8	1642.4	1500.5	1373.6	1246.1	1126.6	1011.9	911.2	813.4
-47.5°	1773.1	1654.2	1528.7	1416.8	1310.6	1201.9	1102.5	999.4	910.5	820.8	739.3
-50°	1499.7	1411.7	1319.9	1229.3	1145.9	1057.2	974.7	893.7	815.4	741.0	666.8
-52.5°	1274.2	1210.5	1142.6	1070.6	1004.1	935.0	863.0	797.8	730.3	664.8	599.9
-55°	1095.5	1044.7	993.2	938.8	883.3	826.6	767.8	709.2	651.2	591.5	542.5
-57.5°	948.7	905.9	865.0	821.8	776.5	728.5	678.4	626.1	578.6	533.5	489.0
-60°	820.1	784.1	751.4	716.5	679.5	638.0	597.1	556.0	514.8	475.7	437.5
-62.5°	703.9	678.3	648.9	619.2	590.0	559.4	522.7	486.4	451.5	417.8	386.4
-65°	591.3	569.5	546.7	525.5	502.0	475.9	444.8	416.4	389.1	361.4	335.4
-67.5°	491.6	474.8	456.5	437.5	418.9	398.0	375.1	351.6	329.6	307.0	287.6
-70°	409.4	397.3	383.0	366.1	349.2	332.0	314.6	296.1	276.1	255.8	240.2
-72.5°	341.0	332.1	321.0	306.9	291.9	276.9	261.4	245.0	227.4	208.6	193.6
-75°	281.6	275.0	266.5	254.1	240.9	226.9	213.2	198.3	181.2	161.8	146.6
-77.5°	226.3	222.1	216.6	206.5	196.1	185.8	173.8	156.3	138.9	122.5	111.2
-80°	169.7	167.8	164.5	156.0	147.4	138.6	128.9	115.6	102.9	91.1	81.9
-82.5°	111.9	109.9	107.2	102.0	96.9	92.1	87.1	78.1	69.3	60.8	53.4
-85°	56.7	55.1	53.4	52.5	51.5	50.3	48.8	43.7	38.7	34.1	30.0
-87.5°	16.4	16.4	16.4	16.6	16.7	16.8	16.8	15.5	14.3	13.1	12.0
-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: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5	1.6	1.2	1.2
65°	1.2	1.2	1.3	1.8	1.6	1.2	1.2	2.3	2.0	1.7	1.2
62.5°	2.3	1.2	3.1	4.2	2.7	2.2	1.8	5.0	3.2	2.3	1.6
60°	5.4	4.4	8.4	12.8	9.3	3.6	5.3	8.6	8.0	2.9	2.3
57.5°	27.9	12.7	18.8	24.5	23.3	13.1	10.6	14.8	13.4	7.8	3.1
55°	57.9	49.2	39.2	38.9	39.4	31.2	22.2	22.9	20.3	14.4	4.6
52.5°	88.0	85.3	75.9	61.8	56.8	51.3	42.0	32.4	30.1	21.5	11.3
50°	125.4	118.6	111.1	96.7	78.4	71.2	61.6	49.5	41.0	30.0	18.7
47.5°	168.2	156.3	145.1	131.2	111.1	92.3	81.5	67.2	52.9	41.3	26.2
45°	235.0	196.2	181.2	165.0	144.4	120.8	102.2	84.7	68.6	52.6	33.8
42.5°	303.7	249.7	218.1	199.9	178.3	151.7	123.7	104.1	84.0	63.8	42.7
40°	372.8	306.0	258.0	235.3	213.4	182.5	151.2	124.3	99.1	75.5	52.4
37.5°	447.4	369.0	304.1	272.1	249.0	215.7	179.0	144.9	114.6	88.1	62.0
35°	540.3	443.6	354.2	314.7	283.7	249.5	206.6	167.4	133.2	100.9	71.5
32.5°	644.8	526.0	426.1	361.2	318.9	283.9	235.9	192.7	152.2	113.6	80.9
30°	748.7	610.8	494.2	407.2	356.4	316.2	267.2	218.2	171.6	126.3	90.3
27.5°	828.0	684.0	558.0	462.5	397.9	348.4	298.4	243.8	191.3	140.2	100.7
25°	908.9	751.7	619.9	516.6	438.5	381.2	328.4	269.3	212.3	156.3	110.8
22.5°	1003.6	816.1	672.1	565.5	481.5	414.4	357.0	295.3	233.6	172.2	120.7
20°	1096.1	875.4	720.2	622.6	528.6	451.5	385.1	320.0	254.4	187.9	130.2
17.5°	1191.0	958.8	799.9	681.6	577.2	488.2	412.8	343.4	274.6	203.1	139.4
15°	1334.0	1070.3	880.3	740.0	624.2	524.2	439.9	365.5	294.0	217.9	147.5
12.5°	1468.7	1175.2	958.3	797.0	669.3	559.1	466.3	386.2	312.6	230.1	154.3
10°	1587.8	1272.8	1033.0	852.0	712.1	592.5	491.5	402.4	323.6	239.9	160.4
7.5°	1691.5	1362.5	1103.5	904.3	748.7	615.2	504.3	410.9	332.0	248.4	165.7
5°	1770.8	1423.4	1142.3	925.2	762.4	625.6	513.5	417.8	338.6	255.7	170.3
2.5°	1797.0	1443.7	1157.6	937.0	772.4	633.0	520.6	423.1	343.6	261.8	174.1
0°	1809.1	1453.5	1165.5	943.7	778.6	637.6	525.5	426.7	347.1	266.4	177.2
-2.5°	1822.4	1466.9	1176.5	954.2	785.1	643.8	530.7	432.3	352.1	271.6	182.3
-5°	1821.5	1469.4	1180.1	959.3	787.6	647.2	533.6	436.4	355.7	275.4	186.6
-7.5°	1802.2	1458.0	1175.5	958.3	786.2	647.5	534.4	438.7	357.9	277.8	189.9
-10°	1767.8	1434.4	1162.3	949.6	781.0	644.7	533.1	439.4	358.8	278.8	192.3
-12.5°	1719.3	1400.7	1141.0	935.4	771.7	638.7	529.2	437.4	358.3	278.5	193.6
-15°	1656.9	1357.4	1111.6	915.7	758.3	629.7	523.0	433.2	355.2	276.5	193.9
-17.5°	1581.6	1304.8	1074.0	890.6	740.7	617.8	514.4	427.3	350.9	272.9	193.5
-20°	1511.6	1249.4	1030.7	860.2	719.0	602.9	503.4	419.8	345.6	268.4	192.6

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Scaled Data Report



REPORT NUMBER: P627372 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1433.4	1191.8	992.3	831.1	696.0	585.2	490.1	410.6	339.4	263.1	190.9
-25°	1344.0	1126.6	948.4	798.7	673.6	568.3	476.4	399.9	332.1	257.1	188.3
-27.5°	1259.8	1059.3	899.2	761.3	647.8	548.8	462.8	390.1	323.8	250.4	185.0
-30°	1174.1	1000.7	852.1	722.1	619.3	527.1	447.6	379.5	314.4	244.5	180.9
-32.5°	1086.8	936.9	801.6	688.2	591.7	503.7	430.9	368.1	304.5	238.6	177.5
-35°	1011.9	874.1	747.4	651.6	563.4	483.8	414.3	356.0	294.4	232.0	173.8
-37.5°	932.1	810.4	705.2	615.3	533.1	462.0	398.4	341.8	284.0	224.7	169.3
-40°	860.6	750.9	659.8	580.3	505.7	438.6	380.6	326.6	274.2	216.6	164.1
-42.5°	787.9	696.9	615.5	542.6	478.3	417.0	361.3	310.4	261.6	209.0	158.1
-45°	724.2	641.6	569.6	508.3	449.6	393.5	342.4	293.6	248.1	201.3	151.9
-47.5°	658.4	588.3	526.9	472.5	421.4	369.2	322.5	278.1	234.1	192.7	145.5
-50°	597.0	537.7	486.6	437.9	390.3	346.4	302.5	262.1	221.4	181.4	138.4
-52.5°	542.4	493.0	447.5	403.1	362.2	322.6	284.7	245.8	208.1	170.1	130.4
-55°	494.1	450.0	409.1	370.8	334.1	301.4	266.4	230.5	194.2	158.5	121.9
-57.5°	447.9	408.2	373.4	339.3	308.1	279.6	248.6	214.6	180.2	146.3	114.4
-60°	401.3	369.5	338.6	309.9	282.9	257.0	230.7	198.2	165.7	133.7	105.3
-62.5°	356.9	330.1	306.3	281.1	256.3	233.6	212.2	181.3	150.7	121.3	95.1
-65°	313.2	292.7	273.4	249.8	228.2	209.2	191.5	163.8	134.8	108.1	84.5
-67.5°	269.9	253.0	235.8	216.6	200.6	185.1	169.4	144.4	118.0	94.2	73.9
-70°	226.2	211.9	199.6	187.4	174.1	160.5	144.8	123.5	100.4	81.0	62.8
-72.5°	183.4	174.6	167.3	158.7	147.5	134.5	119.8	102.4	84.4	67.4	51.4
-75°	141.3	139.4	137.2	131.7	120.9	108.8	96.9	83.6	68.1	53.5	41.9
-77.5°	111.3	110.5	109.0	105.1	95.7	85.8	75.5	64.3	52.6	42.5	32.9
-80°	82.4	82.3	81.6	79.2	71.1	62.8	55.6	48.4	39.8	31.6	23.8
-82.5°	54.1	55.0	55.3	54.6	49.1	43.8	38.6	33.5	26.9	20.5	15.9
-85°	30.9	31.5	31.7	31.3	27.9	24.7	22.5	20.3	16.8	13.6	10.7
-87.5°	12.8	13.6	14.1	14.5	13.4	12.3	11.3	10.2	8.4	6.8	5.3
-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-SA4C-722-U-WR-VSR-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.3	0.0
72.5°	1.2	1.2	1.2	1.1	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.2	0.8	0.4	0.0
67.5°	1.3	1.2	1.2	1.2	0.9	0.5	0.0
65°	1.4	1.3	1.2	1.2	1.0	0.5	0.0
62.5°	1.6	1.6	1.2	1.2	1.1	0.6	0.0
60°	1.9	1.9	1.2	1.2	1.2	0.6	0.0
57.5°	3.2	2.3	1.5	1.2	1.2	0.6	0.0
55°	5.0	2.6	1.9	1.2	1.2	0.7	0.0
52.5°	7.0	3.3	2.3	1.2	1.3	0.7	0.0
50°	9.2	5.4	2.7	1.2	1.3	0.8	0.0
47.5°	12.3	7.6	3.1	1.3	1.3	0.8	0.0
45°	18.8	10.0	3.5	1.6	1.3	0.8	0.0
42.5°	25.3	12.5	4.0	1.9	1.4	0.9	0.0
40°	31.8	15.2	5.2	2.4	1.4	0.9	0.0
37.5°	38.2	17.9	7.3	2.9	1.5	1.0	0.0
35°	44.6	22.3	9.4	3.5	1.5	1.0	0.0
32.5°	51.3	27.3	11.5	4.1	1.6	1.0	0.0
30°	58.8	32.2	13.6	4.7	1.6	1.0	0.0
27.5°	66.1	37.0	16.1	5.4	1.7	1.1	0.0
25°	73.2	41.6	18.5	6.1	1.8	1.1	0.0
22.5°	79.9	46.0	20.9	6.9	1.8	1.1	0.0
20°	86.4	50.4	23.2	7.6	1.9	1.1	0.0
17.5°	92.3	54.5	25.4	8.4	2.0	1.1	0.0
15°	97.8	58.3	27.5	9.2	2.0	1.2	0.0
12.5°	102.8	61.8	29.5	9.9	2.1	1.2	0.0
10°	107.3	65.0	31.4	10.7	2.2	1.2	0.0
7.5°	111.4	67.9	33.1	11.4	2.2	1.2	0.0
5°	114.9	70.5	34.7	12.1	2.3	1.2	0.0
2.5°	118.0	72.8	36.1	12.7	2.3	1.2	0.0
0°	120.5	74.7	37.4	13.3	2.4	1.2	0.0
-2.5°	123.8	77.1	39.1	14.1	2.8	1.3	0.0
-5°	126.5	79.0	40.6	14.9	3.1	1.4	0.0
-7.5°	128.6	80.6	41.9	15.6	3.5	1.4	0.0
-10°	130.2	81.8	43.0	16.2	3.8	1.5	0.0
-12.5°	131.1	82.6	43.7	16.7	4.1	1.6	0.0
-15°	131.4	83.0	44.3	17.1	4.4	1.6	0.0
-17.5°	131.0	83.0	44.5	17.5	4.7	1.7	0.0
-20°	130.6	82.5	44.5	17.7	4.9	1.7	0.0

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CATALOG NUMBER: GFLD-SA4C-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	130.7	81.6	44.1	17.8	5.2	1.7	0.0
-25°	130.1	81.3	43.4	17.8	5.4	1.8	0.0
-27.5°	128.9	81.0	42.4	17.6	5.5	1.8	0.0
-30°	127.0	80.1	41.2	17.4	5.6	1.8	0.0
-32.5°	124.4	78.8	40.7	17.0	5.7	1.8	0.0
-35°	122.0	76.9	39.8	16.5	5.8	1.8	0.0
-37.5°	119.2	74.8	38.6	15.9	5.8	1.8	0.0
-40°	115.8	73.0	37.1	15.1	5.8	1.8	0.0
-42.5°	111.7	70.7	35.9	14.4	5.7	1.8	0.0
-45°	107.0	67.9	35.2	13.9	5.6	1.7	0.0
-47.5°	101.6	64.7	34.2	13.1	5.5	1.7	0.0
-50°	96.8	61.0	32.7	12.9	5.3	1.7	0.0
-52.5°	91.7	56.9	30.9	12.7	5.1	1.6	0.0
-55°	86.1	53.6	28.8	12.4	4.9	1.5	0.0
-57.5°	79.9	50.0	26.3	11.9	4.6	1.5	0.0
-60°	73.3	45.8	23.6	11.2	4.3	1.4	0.0
-62.5°	66.8	41.2	21.9	10.4	4.1	1.3	0.0
-65°	59.8	36.1	20.1	9.5	3.8	1.2	0.0
-67.5°	52.1	31.6	18.0	8.5	3.5	1.1	0.0
-70°	43.9	27.8	15.6	7.3	3.1	1.0	0.0
-72.5°	37.4	23.6	13.1	6.4	2.8	0.9	0.0
-75°	30.7	19.1	10.4	5.6	2.4	0.8	0.0
-77.5°	23.7	14.4	8.6	4.7	2.0	0.6	0.0
-80°	16.4	11.0	7.0	3.8	1.6	0.5	0.0
-82.5°	12.1	8.3	5.3	2.9	1.2	0.4	0.0
-85°	8.1	5.6	3.5	2.0	0.8	0.3	0.0
-87.5°	4.1	2.8	1.8	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)