

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: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627532 (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-SA4E-740-U-WR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

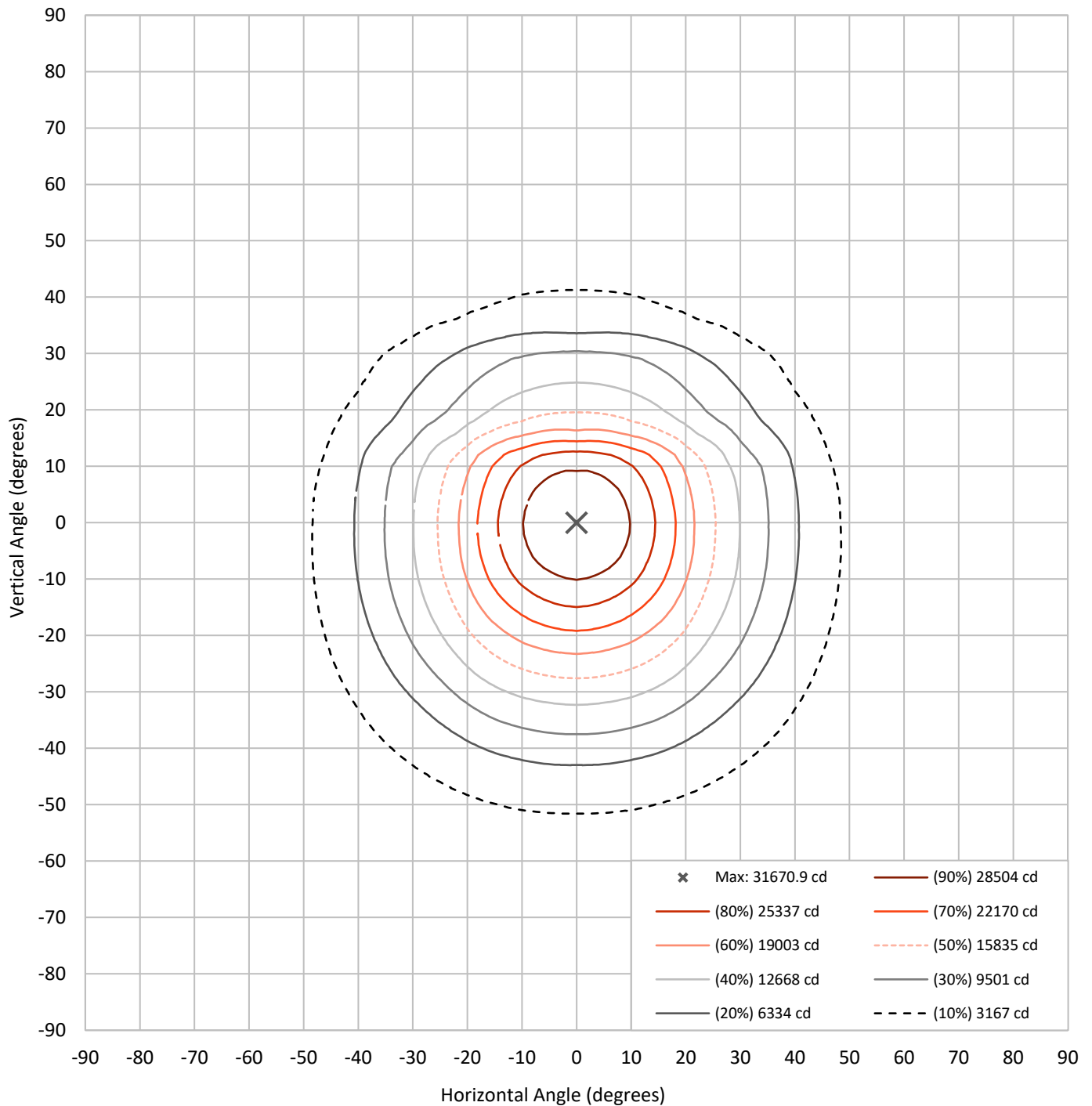
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	27940.6 lumens	Max Intensity:	31670.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.2 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:	13452.1 lumens	Field Lumens:	25016.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	255.9		
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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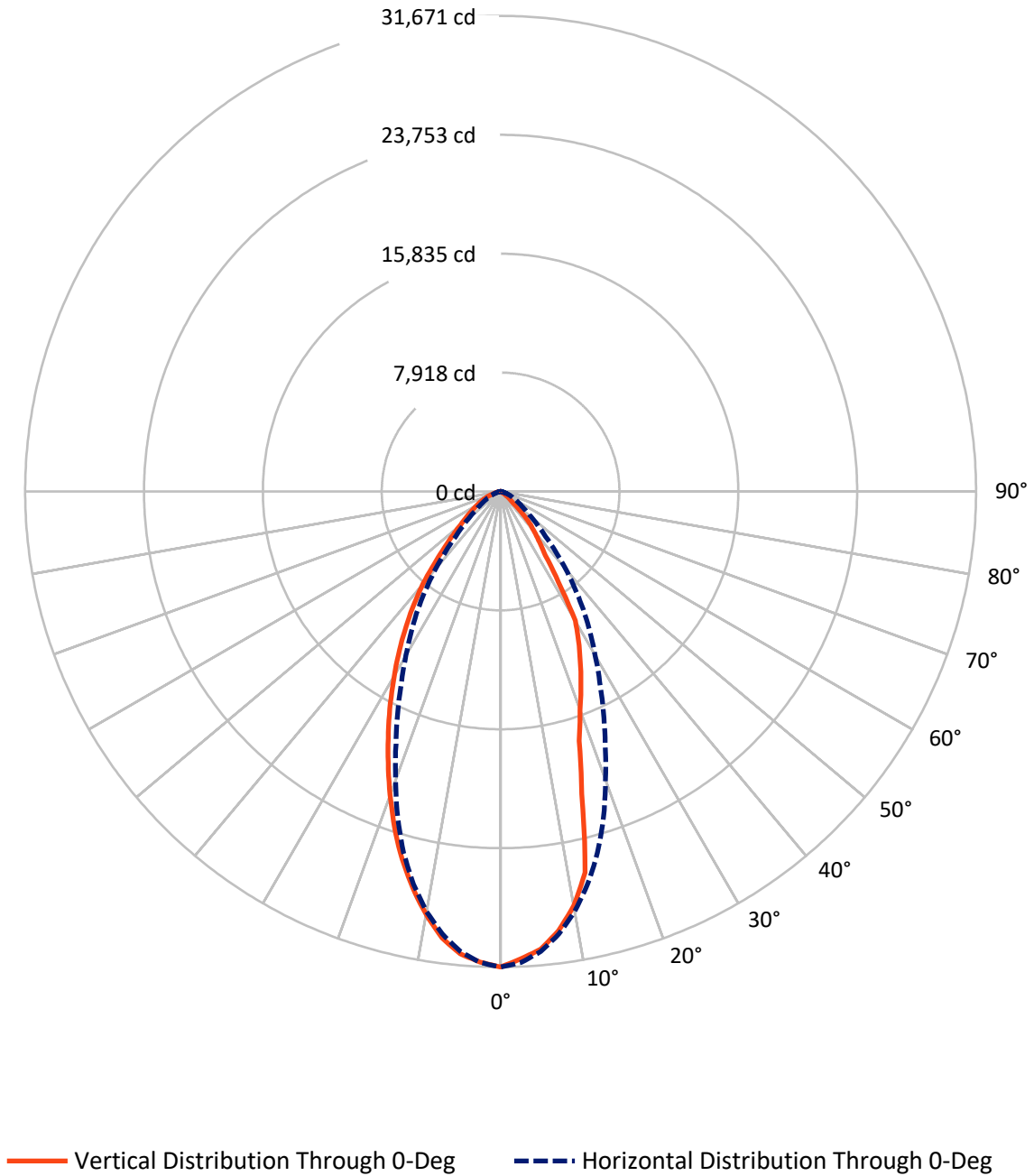
CATALOG NUMBER: GFLD-SA4E-740-U-WR-VSR-XX

### Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.6	1.5	2.6	4.4	6.4	8.8	9.9	9.9	8.8	6.4	4.4	2.6	1.5	0.6				
40	1.2	2.1	5.4	11.4	20.8	34.1	49.2	60.4	60.4	49.2	34.1	20.8	11.4	5.4	2.1	1.2			
30		4.2	10.9	25.3	52.2	95.8	146.6	176.2	176.2	146.6	95.8	52.2	25.3	10.9	4.2				
20	3.0	6.7	17.7	45.9	108.5	203.8	310.1	373.8	373.8	310.1	203.8	108.5	45.9	17.7	6.7	3.0			
10		9.1	25.2	71.9	178.5	330.2	515.9	637.8	637.8	515.9	330.2	178.5	71.9	25.2	9.1				
0	4.3	10.5	31.7	93.1	234.5	437.0	701.7	889.6	889.6	701.7	437.0	234.5	93.1	31.7	10.5	4.3			
-10		11.0	33.0	96.0	237.8	443.3	708.8	895.2	895.2	708.8	443.3	237.8	96.0	33.0	11.0				
-20	4.6	10.9	31.3	85.5	210.7	389.3	600.0	740.4	740.4	600.0	389.3	210.7	85.5	31.3	10.9	4.6			
-30		10.0	27.0	67.0	157.2	293.5	437.4	524.4	524.4	437.4	293.5	157.2	67.0	27.0	10.0				
-40	3.9	8.7	21.9	48.4	99.0	182.0	274.7	327.0	327.0	274.7	182.0	99.0	48.4	21.9	8.7	3.9			
-50		7.3	16.9	33.4	59.5	95.3	136.7	162.7	162.7	136.7	95.3	59.5	33.4	16.9	7.3				
-60	2.5	5.7	12.3	22.3	36.3	52.2	67.6	76.5	76.5	67.6	52.2	36.3	22.3	12.3	5.7	2.5			
-70		4.0	8.2	13.7	21.1	28.7	35.1	38.3	38.3	35.1	28.7	21.1	13.7	8.2	4.0				
-80	0.7	8.0		20.5		36.7		33.5		36.7		20.5		8.0		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

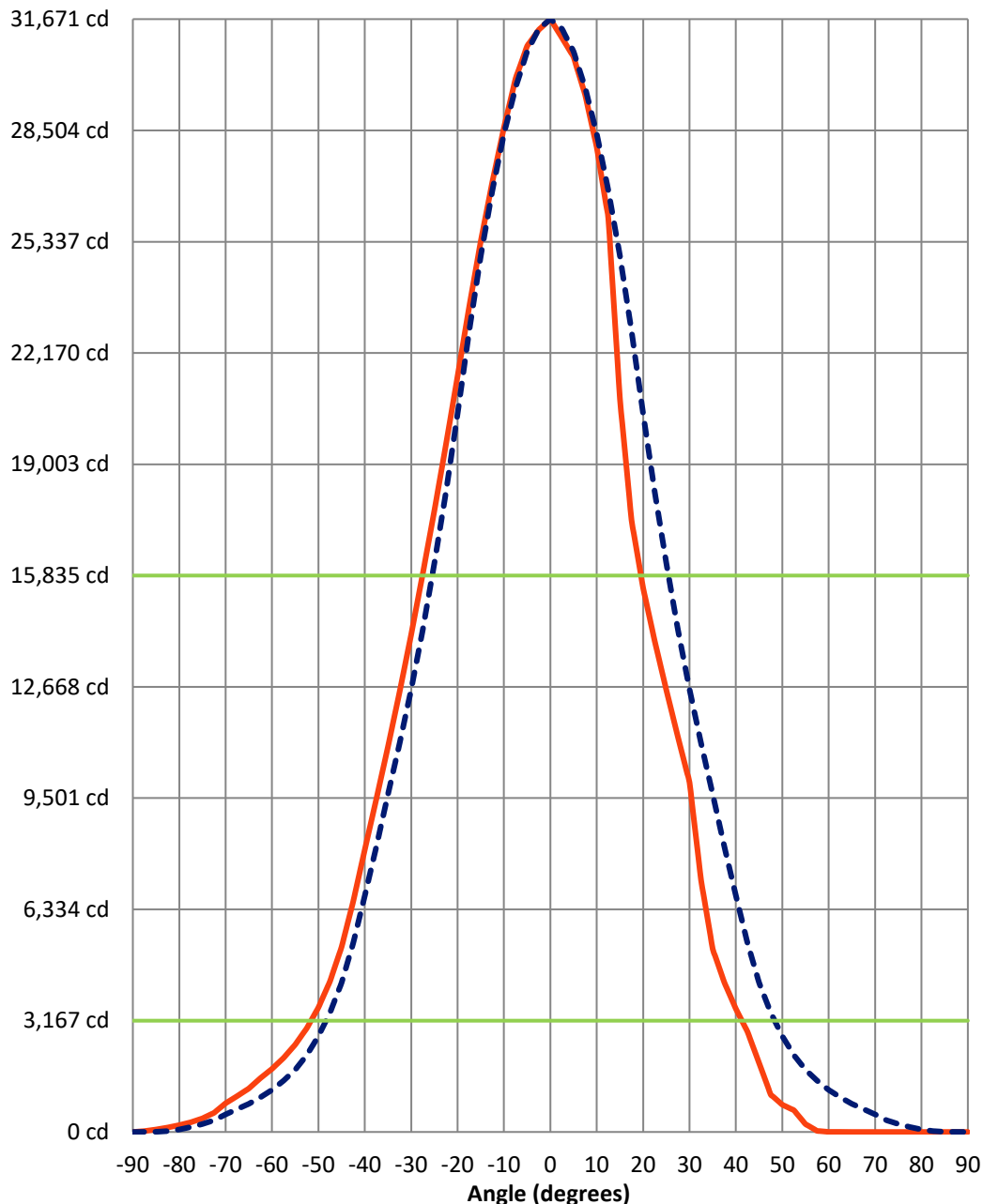
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 13452.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 25016.3  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2924.3  
 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	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.3	2.3	2.3
80°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.3	2.3	2.3	2.3
77.5°	0.0	0.5	1.0	1.5	2.0	2.3	2.3	2.3	2.3	2.3	2.3
75°	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	0.0	0.7	1.4	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	0.0	0.8	1.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5
67.5°	0.0	0.9	1.8	2.3	2.3	2.3	2.5	2.3	2.3	3.0	2.9
65°	0.0	1.0	1.9	2.3	2.3	2.5	2.8	2.3	3.3	3.7	4.4
62.5°	0.0	1.1	2.1	2.3	2.3	3.1	3.1	3.1	4.3	6.1	9.5
60°	0.0	1.1	2.3	2.3	2.3	3.6	3.6	4.3	5.5	15.0	16.2
57.5°	0.0	1.2	2.3	2.3	2.9	4.3	6.1	5.9	14.8	25.2	27.7
55°	0.0	1.3	2.4	2.3	3.6	5.0	9.4	8.6	27.0	38.1	43.0
52.5°	0.0	1.4	2.4	2.3	4.3	6.2	13.1	21.3	40.4	56.5	60.9
50°	0.0	1.5	2.4	2.3	5.1	10.2	17.3	35.2	56.4	76.9	93.0
47.5°	0.0	1.6	2.5	2.4	5.8	14.3	23.0	49.2	77.5	99.4	126.2
45°	0.0	1.6	2.6	3.1	6.6	18.8	35.2	63.4	98.7	128.7	158.9
42.5°	0.0	1.7	2.6	3.7	7.5	23.5	47.4	80.1	119.8	157.7	195.3
40°	0.0	1.8	2.7	4.5	9.8	28.5	59.6	98.4	141.7	186.0	233.2
37.5°	0.0	1.8	2.8	5.4	13.7	33.6	71.6	116.4	165.4	215.2	272.0
35°	0.0	1.9	2.9	6.5	17.6	41.8	83.6	134.2	189.3	249.9	314.2
32.5°	0.0	1.9	3.0	7.6	21.6	51.2	96.2	151.7	213.2	285.6	361.7
30°	0.0	2.0	3.1	8.9	25.6	60.4	110.3	169.5	237.0	322.0	409.5
27.5°	0.0	2.0	3.2	10.1	30.1	69.3	124.0	188.9	263.2	359.1	457.5
25°	0.0	2.1	3.3	11.5	34.7	78.0	137.3	208.0	293.4	398.5	505.5
22.5°	0.0	2.1	3.4	12.9	39.1	86.3	149.9	226.5	323.3	438.4	554.2
20°	0.0	2.2	3.6	14.3	43.4	94.5	162.0	244.4	352.6	477.4	600.6
17.5°	0.0	2.2	3.7	15.7	47.6	102.1	173.2	261.6	381.3	515.3	644.6
15°	0.0	2.2	3.8	17.1	51.5	109.3	183.5	276.9	408.9	551.8	686.0
12.5°	0.0	2.2	3.9	18.6	55.3	115.9	192.9	289.6	431.8	586.7	724.8
10°	0.0	2.3	4.1	20.0	58.8	122.0	201.4	301.0	450.1	607.3	755.3
7.5°	0.0	2.3	4.2	21.3	62.1	127.5	209.0	311.0	466.2	623.0	771.3
5°	0.0	2.3	4.3	22.6	65.0	132.4	215.7	319.6	479.9	635.5	784.2
2.5°	0.0	2.3	4.4	23.8	67.7	136.7	221.5	326.8	491.2	644.9	794.0
0°	0.0	2.3	4.5	24.9	70.1	140.3	226.2	332.5	499.9	651.5	800.8
-2.5°	0.0	2.4	5.2	26.5	73.3	144.7	232.4	342.1	509.7	660.9	811.4
-5°	0.0	2.6	5.9	27.9	76.1	148.4	237.5	350.1	516.8	667.7	819.0
-7.5°	0.0	2.7	6.5	29.2	78.6	151.4	241.5	356.4	521.4	671.8	823.4
-10°	0.0	2.8	7.2	30.4	80.5	153.6	244.4	360.9	523.3	673.5	824.8
-12.5°	0.0	3.0	7.8	31.4	82.0	155.1	246.1	363.4	522.7	672.5	821.0
-15°	0.0	3.1	8.3	32.2	83.0	155.8	246.6	364.0	518.9	666.6	813.0
-17.5°	0.0	3.2	8.8	32.8	83.5	155.7	245.9	363.3	512.2	658.7	802.0
-20°	0.0	3.2	9.3	33.2	83.4	154.9	245.2	361.6	503.8	648.8	787.9

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Scaled Data Report



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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	3.3	9.7	33.4	82.7	153.2	245.3	358.3	493.9	636.9	770.8
-25°	0.0	3.4	10.1	33.4	81.4	152.6	244.2	353.5	482.5	623.4	750.7
-27.5°	0.0	3.4	10.4	33.1	79.6	152.0	241.9	347.3	470.0	607.7	732.1
-30°	0.0	3.4	10.6	32.7	77.3	150.3	238.3	339.6	458.9	590.0	712.2
-32.5°	0.0	3.5	10.8	32.0	76.3	147.8	233.5	333.2	447.9	571.6	690.9
-35°	0.0	3.5	10.9	31.1	74.7	144.2	229.0	326.2	435.5	552.6	668.2
-37.5°	0.0	3.4	11.0	29.9	72.5	140.4	223.8	317.8	421.7	533.0	641.5
-40°	0.0	3.4	10.9	28.5	69.6	136.9	217.3	308.0	406.5	514.7	613.0
-42.5°	0.0	3.4	10.8	27.2	67.5	132.6	209.6	296.8	392.3	491.1	582.7
-45°	0.0	3.3	10.6	26.1	66.2	127.5	200.7	285.1	377.8	465.7	551.2
-47.5°	0.0	3.2	10.4	24.7	64.2	121.4	190.6	273.1	361.6	439.4	522.0
-50°	0.0	3.1	10.1	24.3	61.5	114.6	181.7	259.6	340.4	415.5	491.9
-52.5°	0.0	3.0	9.7	23.9	58.1	106.9	172.1	244.7	319.2	390.5	461.4
-55°	0.0	2.9	9.2	23.3	54.1	100.6	161.5	228.8	297.4	364.5	432.6
-57.5°	0.0	2.8	8.7	22.3	49.5	93.8	149.9	214.6	274.5	338.3	402.8
-60°	0.0	2.6	8.1	21.1	44.3	86.0	137.5	197.5	250.9	311.1	372.1
-62.5°	0.0	2.4	7.6	19.6	41.3	77.4	125.4	178.5	227.7	282.8	340.4
-65°	0.0	2.3	7.1	17.9	37.7	67.9	112.2	158.6	202.9	252.9	307.4
-67.5°	0.0	2.1	6.5	15.9	33.7	59.4	97.9	138.6	176.8	221.4	270.9
-70°	0.0	1.9	5.9	13.7	29.3	52.1	82.5	117.9	152.0	188.4	231.7
-72.5°	0.0	1.7	5.2	12.1	24.6	44.2	70.1	96.5	126.6	158.5	192.1
-75°	0.0	1.4	4.5	10.5	19.5	35.8	57.6	78.6	100.4	127.8	156.8
-77.5°	0.0	1.2	3.8	8.9	16.1	27.0	44.4	61.8	79.7	98.6	120.6
-80°	0.0	1.0	3.1	7.2	13.1	20.6	30.6	44.6	59.3	74.7	90.8
-82.5°	0.0	0.7	2.3	5.5	9.9	15.6	22.6	29.8	38.5	50.4	62.8
-85°	0.0	0.5	1.6	3.7	6.6	10.5	15.1	20.0	25.4	31.4	38.1
-87.5°	0.0	0.2	0.8	1.8	3.3	5.3	7.6	10.0	12.7	15.8	19.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	1.9
67.5°	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	1.8	1.2
65°	2.3	2.3	3.1	3.4	2.4	2.3	2.3	2.3	2.4	2.1	2.1
62.5°	3.3	4.1	5.1	7.9	5.9	2.3	4.5	5.2	3.5	2.8	3.1
60°	9.9	6.8	17.4	24.2	15.8	8.4	10.3	20.5	16.9	4.6	12.0
57.5°	20.0	24.6	43.8	46.0	35.3	23.9	52.4	58.0	48.1	30.2	43.5
55°	41.6	58.5	74.0	73.1	73.5	92.4	108.6	106.6	94.0	129.6	163.3
52.5°	78.8	96.3	106.6	116.1	142.5	160.1	165.1	175.0	211.9	256.1	264.0
50°	115.7	133.7	147.2	181.6	208.6	222.5	235.4	269.1	324.9	355.2	360.1
47.5°	153.0	173.1	208.6	246.2	272.4	293.4	315.7	392.4	454.7	480.5	489.8
45°	191.8	226.7	271.0	309.7	340.0	368.4	441.1	545.9	589.7	629.2	729.8
42.5°	232.2	284.7	334.7	375.2	409.4	468.7	570.0	671.5	734.2	818.2	939.7
40°	283.7	342.6	400.5	441.7	484.3	574.3	699.7	807.1	873.4	986.2	1124.6
37.5°	336.1	404.8	467.4	510.9	570.8	692.5	839.8	968.4	1050.7	1142.5	1365.0
35°	387.7	468.4	532.5	590.8	664.9	832.6	1014.2	1157.3	1259.0	1416.3	1697.8
32.5°	442.9	533.0	598.7	678.0	799.7	987.2	1210.2	1369.2	1537.8	1764.1	2215.0
30°	501.6	593.6	669.0	764.4	927.6	1146.4	1405.2	1605.0	1833.9	2201.4	2687.4
27.5°	560.2	653.9	746.8	868.1	1047.3	1283.8	1554.1	1869.0	2164.8	2575.7	3107.1
25°	616.4	715.4	823.1	969.7	1163.5	1411.0	1706.1	2069.4	2455.4	2925.5	3549.3
22.5°	670.1	777.9	903.9	1061.4	1261.5	1531.9	1883.7	2310.4	2774.3	3261.2	3978.1
20°	722.8	847.6	992.2	1168.5	1351.7	1643.3	2057.4	2574.1	3155.4	3822.5	4525.1
17.5°	774.8	916.4	1083.4	1279.4	1501.4	1799.7	2235.5	2850.6	3558.2	4426.3	5291.4
15°	825.8	983.9	1171.6	1388.9	1652.4	2008.9	2503.8	3179.9	4034.8	5074.4	6099.1
12.5°	875.2	1049.4	1256.3	1495.9	1798.8	2205.8	2756.7	3486.2	4465.7	5707.7	6966.5
10°	922.6	1112.2	1336.7	1599.1	1939.0	2389.1	2980.3	3751.1	4790.8	6070.7	7470.8
7.5°	946.7	1154.7	1405.3	1697.3	2071.3	2557.3	3174.9	3975.0	5044.8	6362.7	7766.4
5°	963.9	1174.2	1431.0	1736.5	2144.0	2671.7	3323.7	4158.0	5232.0	6582.3	7966.7
2.5°	977.2	1188.1	1449.8	1758.6	2172.8	2709.8	3372.9	4221.9	5332.3	6697.0	8083.4
0°	986.3	1196.7	1461.4	1771.3	2187.6	2728.2	3395.6	4248.4	5375.0	6723.3	8125.9
-2.5°	996.0	1208.4	1473.6	1791.0	2208.3	2753.3	3420.6	4267.2	5407.0	6730.6	8148.8
-5°	1001.6	1214.7	1478.4	1800.5	2215.0	2758.0	3418.8	4249.4	5381.5	6677.8	8099.0
-7.5°	1003.1	1215.4	1475.7	1798.6	2206.5	2736.6	3382.7	4196.3	5293.8	6570.8	7976.7
-10°	1000.7	1210.1	1466.0	1782.3	2181.6	2692.2	3318.0	4104.4	5149.6	6394.4	7770.0
-12.5°	993.4	1198.7	1448.6	1755.7	2141.6	2629.0	3227.0	3973.4	4949.3	6149.0	7478.7
-15°	981.6	1181.9	1423.3	1718.8	2086.4	2547.7	3110.0	3803.4	4691.5	5837.1	7115.9
-17.5°	965.5	1159.5	1390.3	1671.8	2015.9	2449.0	2968.5	3604.3	4413.4	5489.1	6712.6
-20°	944.9	1131.7	1349.5	1614.7	1934.6	2345.0	2837.3	3428.0	4153.2	5090.5	6236.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	919.8	1098.5	1306.3	1560.0	1862.5	2237.0	2690.5	3228.1	3861.3	4629.8	5717.3
-25°	894.1	1066.7	1264.4	1499.1	1780.1	2114.6	2522.6	3012.3	3585.8	4289.2	5188.4
-27.5°	868.7	1030.1	1215.8	1428.9	1687.8	1988.3	2364.7	2811.2	3322.2	3920.4	4652.6
-30°	840.0	989.3	1162.3	1355.3	1599.4	1878.3	2203.6	2586.3	3040.6	3581.2	4217.6
-32.5°	808.8	945.4	1110.5	1291.7	1504.6	1758.5	2039.9	2386.0	2781.3	3227.2	3777.4
-35°	777.6	908.0	1057.4	1223.1	1402.9	1640.6	1899.2	2186.3	2522.6	2917.4	3357.4
-37.5°	747.7	867.2	1000.5	1155.0	1323.7	1521.0	1749.4	2008.7	2298.1	2612.2	2992.4
-40°	714.4	823.1	949.2	1089.1	1238.3	1409.5	1615.4	1835.4	2084.6	2361.0	2654.5
-42.5°	678.1	782.7	897.7	1018.3	1155.2	1308.1	1478.8	1680.0	1887.1	2118.7	2374.9
-45°	642.6	738.6	843.9	953.9	1069.1	1204.2	1359.3	1526.7	1710.3	1899.2	2114.5
-47.5°	605.2	692.9	790.9	886.8	988.8	1104.1	1235.7	1387.6	1540.7	1708.9	1875.8
-50°	567.8	650.0	732.4	821.9	913.3	1009.2	1120.5	1251.6	1390.9	1530.5	1677.4
-52.5°	534.2	605.4	679.8	756.7	839.9	925.2	1018.0	1126.0	1247.8	1370.8	1497.4
-55°	500.0	565.6	627.1	695.9	767.9	844.7	927.3	1018.3	1110.2	1222.3	1331.3
-57.5°	466.5	524.7	578.2	636.9	700.9	766.2	840.6	917.9	1001.4	1086.1	1175.2
-60°	433.0	482.4	530.9	581.7	635.4	693.5	753.3	821.2	892.8	966.4	1043.7
-62.5°	398.3	438.4	481.1	527.6	574.9	619.6	669.8	725.3	784.3	847.5	912.9
-65°	359.5	392.7	428.4	468.8	513.2	549.3	587.7	629.4	678.2	730.3	781.6
-67.5°	318.0	347.5	376.6	406.6	442.6	474.8	506.5	539.7	576.1	618.7	659.9
-70°	271.9	301.2	326.9	351.8	374.7	397.7	424.5	450.7	480.1	518.3	555.8
-72.5°	224.9	252.5	276.8	297.8	314.0	327.7	344.2	363.2	391.4	426.8	459.9
-75°	181.9	204.1	226.9	247.1	257.5	261.7	265.1	275.1	303.7	340.0	372.1
-77.5°	141.7	161.0	179.5	197.2	204.5	207.4	208.8	208.8	229.8	260.7	293.3
-80°	104.3	117.8	133.5	148.6	153.1	154.4	154.6	153.7	170.8	193.1	217.0
-82.5°	72.5	82.2	92.2	102.5	103.8	103.2	101.6	100.2	114.1	130.2	146.6
-85°	42.2	46.3	52.4	58.7	59.4	59.1	58.1	56.3	64.0	72.7	82.0
-87.5°	21.1	23.2	25.2	27.2	26.5	25.5	24.1	22.4	24.6	26.9	29.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	1.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.3	1.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.3	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.3	1.8	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.3	1.9	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.3	1.9	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.3	2.0	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.3	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.4	2.3	1.7	1.1	0.5	0.4	0.6	0.5	0.2	0.0	0.0
62.5°	2.9	2.9	2.0	2.0	2.1	2.3	1.9	1.6	1.5	1.7	1.9
60°	12.8	7.3	7.5	9.5	8.1	3.8	7.4	9.4	8.7	6.6	5.8
57.5°	64.9	54.4	38.0	63.7	65.6	45.7	49.6	64.7	62.7	48.4	48.3
55°	163.6	166.0	178.2	194.3	206.2	211.7	216.6	240.9	266.9	292.3	305.1
52.5°	270.2	301.9	341.2	367.2	385.4	422.6	474.7	498.7	522.0	548.4	567.6
50°	398.0	452.9	492.4	498.1	560.1	600.4	609.8	654.8	703.7	734.2	756.0
47.5°	592.1	661.6	696.0	717.9	793.4	876.1	876.2	902.0	1024.5	1088.6	1119.5
45°	852.8	910.7	971.6	1129.6	1274.9	1321.0	1419.7	1553.4	1640.3	1759.8	1891.3
42.5°	1074.8	1183.6	1336.0	1510.0	1655.7	1777.0	1923.6	2084.3	2277.2	2458.8	2615.4
40°	1294.6	1429.2	1617.9	1807.2	1990.7	2158.7	2395.0	2601.7	2829.4	3079.1	3287.1
37.5°	1581.3	1753.6	1948.7	2187.4	2472.9	2659.4	2984.5	3281.4	3537.9	3839.4	4025.1
35°	2021.6	2246.3	2419.0	2901.5	3248.8	3466.9	3851.8	4339.8	4527.1	4906.8	5087.0
32.5°	2575.3	2873.9	3328.3	3967.3	4431.0	4832.6	5407.8	5903.0	6325.1	6706.5	7103.2
30°	3197.4	3658.1	4328.0	5177.0	5648.1	6210.6	6988.4	7575.6	8237.5	8964.0	9218.5
27.5°	3761.9	4452.0	5229.7	5917.5	6594.0	7294.6	8058.9	8813.2	9529.6	10134.2	10539.9
25°	4285.1	5120.9	5876.7	6611.6	7344.7	8133.8	8998.2	9853.7	10642.0	11264.1	11737.1
22.5°	4824.8	5707.7	6516.3	7262.1	8114.8	9008.9	9928.3	10909.5	11806.6	12452.0	12967.2
20°	5332.2	6314.2	7236.6	8085.6	8891.7	9923.9	10982.5	12023.3	13000.3	13769.0	14363.2
17.5°	6137.6	6990.1	8117.4	9220.4	10128.5	11076.6	12491.2	13565.4	14649.7	15570.3	16200.2
15°	7126.7	8064.1	9228.1	10742.9	11987.2	13073.6	14535.0	16282.4	17561.3	18736.6	19542.9
12.5°	8116.6	9176.9	10435.9	12140.6	13912.2	15191.8	16964.8	19179.1	20668.6	22488.3	23385.4
10°	8875.3	10206.7	11503.3	13059.0	14760.4	16582.6	18493.8	20565.4	22555.7	24118.3	25515.0
7.5°	9180.8	10599.0	12100.0	13687.3	15388.5	17269.1	19306.1	21461.7	23510.0	25255.3	26790.3
5°	9409.1	10862.3	12373.1	13996.2	15814.7	17778.6	19846.0	22109.1	24200.9	26071.6	27642.0
2.5°	9554.2	11021.0	12525.3	14175.5	16088.1	18110.3	20244.2	22567.3	24690.5	26616.2	28181.6
0°	9609.9	11055.4	12596.0	14294.9	16188.4	18215.3	20441.3	22791.7	24931.8	26793.6	28404.3
-2.5°	9617.4	11023.4	12600.6	14291.2	16102.9	18148.8	20401.7	22732.6	24829.1	26683.4	28308.5
-5°	9541.9	10947.4	12525.9	14190.9	16005.2	18035.7	20191.9	22444.3	24443.8	26248.5	27813.1
-7.5°	9388.9	10790.4	12334.1	13961.0	15726.3	17695.9	19766.8	21860.8	23822.5	25553.3	27046.5
-10°	9161.8	10533.8	12024.1	13609.3	15279.6	17153.0	19127.7	21128.4	22967.9	24568.6	25949.3
-12.5°	8854.3	10194.7	11617.8	13131.1	14685.9	16472.0	18336.6	20215.4	21892.1	23353.3	24592.2
-15°	8455.0	9764.1	11142.1	12573.2	14081.0	15696.2	17369.5	19092.9	20639.2	21935.1	23066.8
-17.5°	7984.5	9254.2	10562.9	11889.5	13320.2	14835.5	16388.8	17935.8	19254.7	20405.9	21440.9
-20°	7460.0	8683.3	9926.4	11163.2	12461.2	13862.7	15297.3	16656.2	17808.7	18854.7	19801.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	6872.0	8042.9	9234.4	10391.8	11562.3	12831.3	14112.5	15341.4	16419.4	17314.2	18137.2
-25°	6242.5	7324.4	8449.5	9534.7	10612.0	11749.2	12912.9	14043.5	14992.4	15769.3	16449.3
-27.5°	5608.2	6596.8	7588.1	8609.8	9605.5	10654.9	11708.5	12685.0	13536.9	14252.2	14823.6
-30°	4941.5	5825.3	6730.6	7654.9	8605.8	9566.1	10518.1	11373.1	12116.7	12745.8	13239.7
-32.5°	4387.4	5058.8	5858.0	6697.2	7588.5	8463.4	9291.5	10070.9	10771.6	11321.0	11739.8
-35°	3856.3	4424.9	5023.4	5766.2	6532.0	7337.1	8098.8	8794.4	9419.0	9899.1	10293.1
-37.5°	3399.7	3849.4	4355.6	4885.8	5527.9	6193.5	6881.0	7535.2	8092.2	8510.9	8862.8
-40°	3004.5	3359.6	3764.0	4184.4	4656.8	5134.9	5733.6	6285.7	6740.3	7131.7	7450.5
-42.5°	2647.2	2946.9	3245.5	3590.4	3946.8	4331.2	4751.3	5159.6	5508.5	5836.2	6106.9
-45°	2338.9	2578.2	2816.3	3082.6	3344.3	3656.9	3957.0	4224.8	4507.5	4752.7	4945.8
-47.5°	2069.2	2255.9	2459.9	2659.3	2869.3	3104.8	3328.1	3531.9	3739.0	3918.4	4062.3
-50°	1829.5	1984.2	2150.9	2307.5	2477.4	2649.6	2814.8	2976.8	3134.2	3270.6	3376.8
-52.5°	1619.8	1754.9	1884.7	2009.4	2144.6	2272.1	2391.6	2525.4	2648.4	2756.0	2828.6
-55°	1441.2	1551.5	1657.9	1762.0	1864.2	1960.9	2056.2	2160.1	2255.0	2340.5	2394.6
-57.5°	1273.4	1367.4	1457.5	1542.5	1623.6	1700.4	1780.7	1860.6	1933.7	1998.2	2040.0
-60°	1120.8	1197.5	1275.5	1344.9	1410.3	1471.7	1539.3	1603.2	1662.2	1711.8	1740.8
-62.5°	981.0	1049.8	1107.4	1162.3	1217.9	1273.2	1321.2	1368.4	1414.0	1452.4	1477.6
-65°	834.8	893.2	942.1	986.3	1026.1	1069.0	1109.9	1146.9	1179.8	1204.8	1220.8
-67.5°	704.1	747.0	786.3	821.3	856.9	891.2	922.7	950.8	975.5	992.9	1004.4
-70°	590.5	623.3	655.4	687.3	718.9	745.7	768.5	789.5	808.6	816.5	820.0
-72.5°	490.7	519.8	548.0	576.2	602.5	623.4	640.2	655.6	669.4	657.5	636.6
-75°	400.2	425.8	452.2	477.0	500.2	516.2	528.7	540.1	550.6	524.7	489.1
-77.5°	326.1	348.6	368.1	387.5	406.7	416.9	424.8	432.5	440.0	411.0	374.6
-80°	241.9	260.1	276.6	293.0	308.9	315.0	318.5	320.9	322.2	297.5	268.9
-82.5°	163.5	172.9	182.0	191.5	201.2	206.3	210.1	213.0	215.1	197.6	177.8
-85°	91.6	94.5	96.7	98.6	100.1	103.3	106.4	109.2	111.7	103.4	94.2
-87.5°	31.5	31.5	31.4	31.1	30.7	30.8	30.8	30.8	30.6	29.3	27.9
-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: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-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	0.2	0.5
62.5°	2.1	2.2	2.3	2.3	2.3	2.2	2.1	1.9	1.7	1.5	1.6
60°	4.5	2.8	2.3	2.3	2.3	2.8	4.5	5.8	6.6	8.7	9.4
57.5°	45.0	39.3	35.3	31.7	35.3	39.3	45.0	48.3	48.4	62.7	64.7
55°	299.6	279.0	253.8	224.0	253.8	279.0	299.6	305.1	292.3	266.9	240.9
52.5°	587.7	607.3	618.6	617.6	618.6	607.3	587.7	567.6	548.4	522.0	498.7
50°	773.6	784.2	784.7	775.9	784.7	784.2	773.6	756.0	734.2	703.7	654.8
47.5°	1133.4	1118.6	1093.0	1065.5	1093.0	1118.6	1133.4	1119.5	1088.6	1024.5	902.0
45°	1977.8	2025.4	2022.3	1961.3	2022.3	2025.4	1977.8	1891.3	1759.8	1640.3	1553.4
42.5°	2702.9	2774.2	2824.7	2850.4	2824.7	2774.2	2702.9	2615.4	2458.8	2277.2	2084.3
40°	3404.4	3473.3	3503.6	3501.9	3503.6	3473.3	3404.4	3287.1	3079.1	2829.4	2601.7
37.5°	4145.6	4234.8	4278.1	4257.5	4278.1	4234.8	4145.6	4025.1	3839.4	3537.9	3281.4
35°	5165.0	5248.5	5250.0	5207.6	5250.0	5248.5	5165.0	5087.0	4906.8	4527.1	4339.8
32.5°	7418.1	7446.0	7231.5	7155.4	7231.5	7446.0	7418.1	7103.2	6706.5	6325.1	5903.0
30°	9471.8	9669.8	9854.0	9946.9	9854.0	9669.8	9471.8	9218.5	8964.0	8237.5	7575.6
27.5°	10845.7	11083.9	11231.5	11240.9	11231.5	11083.9	10845.7	10539.9	10134.2	9529.6	8813.2
25°	12095.4	12361.8	12522.7	12577.9	12522.7	12361.8	12095.4	11737.1	11264.1	10642.0	9853.7
22.5°	13404.6	13718.6	13926.6	13969.1	13926.6	13718.6	13404.6	12967.2	12452.0	11806.6	10909.5
20°	14923.6	15289.0	15488.4	15480.3	15488.4	15289.0	14923.6	14363.2	13769.0	13000.3	12023.3
17.5°	16923.4	17315.2	17487.5	17412.2	17487.5	17315.2	16923.4	16200.2	15570.3	14649.7	13565.4
15°	20370.5	21190.2	21187.0	20859.8	21187.0	21190.2	20370.5	19542.9	18736.6	17561.3	16282.4
12.5°	24622.5	25233.4	25860.3	25995.0	25860.3	25233.4	24622.5	23385.4	22488.3	20668.6	19179.1
10°	26691.5	27502.9	28038.3	28024.2	28038.3	27502.9	26691.5	25515.0	24118.3	22555.7	20565.4
7.5°	27986.0	28882.3	29531.2	29517.3	29531.2	28882.3	27986.0	26790.3	25255.3	23510.0	21461.7
5°	28984.9	29979.0	30553.8	30596.4	30553.8	29979.0	28984.9	27642.0	26071.6	24200.9	22109.1
2.5°	29503.9	30541.5	31232.5	31141.6	31232.5	30541.5	29503.9	28181.6	26616.2	24690.5	22567.3
0°	29720.9	30747.9	31392.7	31670.9	31392.7	30747.9	29720.9	28404.3	26793.6	24931.8	22791.7
-2.5°	29626.1	30625.5	31338.0	31365.5	31338.0	30625.5	29626.1	28308.5	26683.4	24829.1	22732.6
-5°	29118.5	30173.1	30650.4	30904.0	30650.4	30173.1	29118.5	27813.1	26248.5	24443.8	22444.3
-7.5°	28299.9	29090.1	29696.6	29976.5	29696.6	29090.1	28299.9	27046.5	25553.3	23822.5	21860.8
-10°	27025.8	27844.0	28356.4	28587.5	28356.4	27844.0	27025.8	25949.3	24568.6	22967.9	21128.4
-12.5°	25614.4	26358.0	26845.2	27040.2	26845.2	26358.0	25614.4	24592.2	23353.3	21892.1	20215.4
-15°	24039.7	24714.8	25163.2	25350.3	25163.2	24714.8	24039.7	23066.8	21935.1	20639.2	19092.9
-17.5°	22306.3	22897.9	23344.7	23479.5	23344.7	22897.9	22306.3	21440.9	20405.9	19254.7	17935.8
-20°	20523.9	21058.7	21426.7	21506.8	21426.7	21058.7	20523.9	19801.8	18854.7	17808.7	16656.2



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18727.9	19168.5	19467.4	19568.1	19467.4	19168.5	18727.9	18137.2	17314.2	16419.4	15341.4
-25°	16972.8	17353.0	17593.6	17683.7	17593.6	17353.0	16972.8	16449.3	15769.3	14992.4	14043.5
-27.5°	15284.7	15639.2	15860.2	15889.7	15860.2	15639.2	15284.7	14823.6	14252.2	13536.9	12685.0
-30°	13623.7	13916.6	14086.9	14159.2	14086.9	13916.6	13623.7	13239.7	12745.8	12116.7	11373.1
-32.5°	12071.5	12327.3	12480.4	12521.3	12480.4	12327.3	12071.5	11739.8	11321.0	10771.6	10070.9
-35°	10606.3	10842.5	10978.1	10967.2	10978.1	10842.5	10606.3	10293.1	9899.1	9419.0	8794.4
-37.5°	9153.7	9371.6	9494.7	9483.2	9494.7	9371.6	9153.7	8862.8	8510.9	8092.2	7535.2
-40°	7712.6	7900.7	8009.1	8035.4	8009.1	7900.7	7712.6	7450.5	7131.7	6740.3	6285.7
-42.5°	6332.0	6505.6	6592.3	6558.1	6592.3	6505.6	6332.0	6106.9	5836.2	5508.5	5159.6
-45°	5080.8	5170.6	5229.6	5266.4	5229.6	5170.6	5080.8	4945.8	4752.7	4507.5	4224.8
-47.5°	4167.6	4242.0	4282.2	4289.1	4282.2	4242.0	4167.6	4062.3	3918.4	3739.0	3531.9
-50°	3459.4	3522.6	3550.6	3542.6	3550.6	3522.6	3459.4	3376.8	3270.6	3134.2	2976.8
-52.5°	2881.0	2917.7	2942.4	2954.4	2942.4	2917.7	2881.0	2828.6	2756.0	2648.4	2525.4
-55°	2435.3	2463.9	2480.6	2486.2	2480.6	2463.9	2435.3	2394.6	2340.5	2255.0	2160.1
-57.5°	2074.9	2102.1	2112.0	2108.4	2112.0	2102.1	2074.9	2040.0	1998.2	1933.7	1860.6
-60°	1763.1	1778.6	1790.3	1796.2	1790.3	1778.6	1763.1	1740.8	1711.8	1662.2	1603.2
-62.5°	1497.7	1512.3	1524.4	1531.5	1524.4	1512.3	1497.7	1477.6	1452.4	1414.0	1368.4
-65°	1232.0	1238.4	1240.2	1237.4	1240.2	1238.4	1232.0	1220.8	1204.8	1179.8	1146.9
-67.5°	1012.9	1018.3	1022.0	1022.5	1022.0	1018.3	1012.9	1004.4	992.9	975.5	950.8
-70°	823.5	825.7	823.1	816.7	823.1	825.7	823.5	820.0	816.5	808.6	789.5
-72.5°	615.2	592.6	570.1	545.2	570.1	592.6	615.2	636.6	657.5	669.4	655.6
-75°	452.2	414.1	400.2	386.8	400.2	414.1	452.2	489.1	524.7	550.6	540.1
-77.5°	336.3	296.6	286.0	276.0	286.0	296.6	336.3	374.6	411.0	440.0	432.5
-80°	239.0	208.0	201.1	194.5	201.1	208.0	239.0	268.9	297.5	322.2	320.9
-82.5°	157.0	135.4	131.1	126.7	131.1	135.4	157.0	177.8	197.6	215.1	213.0
-85°	84.5	74.4	72.3	70.1	72.3	74.4	84.5	94.2	103.4	111.7	109.2
-87.5°	26.4	24.8	24.9	24.9	24.9	24.8	26.4	27.9	29.3	30.6	30.8
-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):**

	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	0.5	1.0	1.5	1.9	1.8	1.8	1.7	1.6
85°	0.0	0.0	0.0	0.6	1.2	1.7	2.3	2.3	2.3	2.3	2.3
82.5°	0.0	0.0	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.3
80°	0.0	0.0	0.1	0.7	1.2	1.8	2.3	2.3	2.3	2.3	2.3
77.5°	0.0	0.0	0.1	0.7	1.3	1.9	2.3	2.3	2.3	2.3	2.3
75°	0.0	0.0	0.2	0.8	1.3	1.9	2.3	2.3	2.3	2.3	2.3
72.5°	0.0	0.0	0.2	0.7	1.4	2.0	2.3	2.3	2.3	2.3	2.3
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.3	1.9	2.2	2.3	2.3
67.5°	0.0	0.0	0.4	0.9	1.2	1.2	1.1	1.2	1.8	2.3	2.3
65°	0.6	0.4	0.5	1.1	1.7	2.3	2.4	2.1	2.1	2.4	2.3
62.5°	1.9	2.3	2.1	2.0	2.0	2.9	2.9	3.1	2.8	3.5	5.2
60°	7.4	3.8	8.1	9.5	7.5	7.3	12.8	12.0	4.6	16.9	20.5
57.5°	49.6	45.7	65.6	63.7	38.0	54.4	64.9	43.5	30.2	48.1	58.0
55°	216.6	211.7	206.2	194.3	178.2	166.0	163.6	163.3	129.6	94.0	106.6
52.5°	474.7	422.6	385.4	367.2	341.2	301.9	270.2	264.0	256.1	211.9	175.0
50°	609.8	600.4	560.1	498.1	492.4	452.9	398.0	360.1	355.2	324.9	269.1
47.5°	876.2	876.1	793.4	717.9	696.0	661.6	592.1	489.8	480.5	454.7	392.4
45°	1419.7	1321.0	1274.9	1129.6	971.6	910.7	852.8	729.8	629.2	589.7	545.9
42.5°	1923.6	1777.0	1655.7	1510.0	1336.0	1183.6	1074.8	939.7	818.2	734.2	671.5
40°	2395.0	2158.7	1990.7	1807.2	1617.9	1429.2	1294.6	1124.6	986.2	873.4	807.1
37.5°	2984.5	2659.4	2472.9	2187.4	1948.7	1753.6	1581.3	1365.0	1142.5	1050.7	968.4
35°	3851.8	3466.9	3248.8	2901.5	2419.0	2246.3	2021.6	1697.8	1416.3	1259.0	1157.3
32.5°	5407.8	4832.6	4431.0	3967.3	3328.3	2873.9	2575.3	2215.0	1764.1	1537.8	1369.2
30°	6988.4	6210.6	5648.1	5177.0	4328.0	3658.1	3197.4	2687.4	2201.4	1833.9	1605.0
27.5°	8058.9	7294.6	6594.0	5917.5	5229.7	4452.0	3761.9	3107.1	2575.7	2164.8	1869.0
25°	8998.2	8133.8	7344.7	6611.6	5876.7	5120.9	4285.1	3549.3	2925.5	2455.4	2069.4
22.5°	9928.3	9008.9	8114.8	7262.1	6516.3	5707.7	4824.8	3978.1	3261.2	2774.3	2310.4
20°	10982.5	9923.9	8891.7	8085.6	7236.6	6314.2	5332.2	4525.1	3822.5	3155.4	2574.1
17.5°	12491.2	11076.6	10128.5	9220.4	8117.4	6990.1	6137.6	5291.4	4426.3	3558.2	2850.6
15°	14535.0	13073.6	11987.2	10742.9	9228.1	8064.1	7126.7	6099.1	5074.4	4034.8	3179.9
12.5°	16964.8	15191.8	13912.2	12140.6	10435.9	9176.9	8116.6	6966.5	5707.7	4465.7	3486.2
10°	18493.8	16582.6	14760.4	13059.0	11503.3	10206.7	8875.3	7470.8	6070.7	4790.8	3751.1
7.5°	19306.1	17269.1	15388.5	13687.3	12100.0	10599.0	9180.8	7766.4	6362.7	5044.8	3975.0
5°	19846.0	17778.6	15814.7	13996.2	12373.1	10862.3	9409.1	7966.7	6582.3	5232.0	4158.0
2.5°	20244.2	18110.3	16088.1	14175.5	12525.3	11021.0	9554.2	8083.4	6697.0	5332.3	4221.9
0°	20441.3	18215.3	16188.4	14294.9	12596.0	11055.4	9609.9	8125.9	6723.3	5375.0	4248.4
-2.5°	20401.7	18148.8	16102.9	14291.2	12600.6	11023.4	9617.4	8148.8	6730.6	5407.0	4267.2
-5°	20191.9	18035.7	16005.2	14190.9	12525.9	10947.4	9541.9	8099.0	6677.8	5381.5	4249.4
-7.5°	19766.8	17695.9	15726.3	13961.0	12334.1	10790.4	9388.9	7976.7	6570.8	5293.8	4196.3
-10°	19127.7	17153.0	15279.6	13609.3	12024.1	10533.8	9161.8	7770.0	6394.4	5149.6	4104.4
-12.5°	18336.6	16472.0	14685.9	13131.1	11617.8	10194.7	8854.3	7478.7	6149.0	4949.3	3973.4
-15°	17369.5	15696.2	14081.0	12573.2	11142.1	9764.1	8455.0	7115.9	5837.1	4691.5	3803.4
-17.5°	16388.8	14835.5	13320.2	11889.5	10562.9	9254.2	7984.5	6712.6	5489.1	4413.4	3604.3
-20°	15297.3	13862.7	12461.2	11163.2	9926.4	8683.3	7460.0	6236.8	5090.5	4153.2	3428.0



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-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°	14112.5	12831.3	11562.3	10391.8	9234.4	8042.9	6872.0	5717.3	4629.8	3861.3	3228.1
-25°	12912.9	11749.2	10612.0	9534.7	8449.5	7324.4	6242.5	5188.4	4289.2	3585.8	3012.3
-27.5°	11708.5	10654.9	9605.5	8609.8	7588.1	6596.8	5608.2	4652.6	3920.4	3322.2	2811.2
-30°	10518.1	9566.1	8605.8	7654.9	6730.6	5825.3	4941.5	4217.6	3581.2	3040.6	2586.3
-32.5°	9291.5	8463.4	7588.5	6697.2	5858.0	5058.8	4387.4	3777.4	3227.2	2781.3	2386.0
-35°	8098.8	7337.1	6532.0	5766.2	5023.4	4424.9	3856.3	3357.4	2917.4	2522.6	2186.3
-37.5°	6881.0	6193.5	5527.9	4885.8	4355.6	3849.4	3399.7	2992.4	2612.2	2298.1	2008.7
-40°	5733.6	5134.9	4656.8	4184.4	3764.0	3359.6	3004.5	2654.5	2361.0	2084.6	1835.4
-42.5°	4751.3	4331.2	3946.8	3590.4	3245.5	2946.9	2647.2	2374.9	2118.7	1887.1	1680.0
-45°	3957.0	3656.9	3344.3	3082.6	2816.3	2578.2	2338.9	2114.5	1899.2	1710.3	1526.7
-47.5°	3328.1	3104.8	2869.3	2659.3	2459.9	2255.9	2069.2	1875.8	1708.9	1540.7	1387.6
-50°	2814.8	2649.6	2477.4	2307.5	2150.9	1984.2	1829.5	1677.4	1530.5	1390.9	1251.6
-52.5°	2391.6	2272.1	2144.6	2009.4	1884.7	1754.9	1619.8	1497.4	1370.8	1247.8	1126.0
-55°	2056.2	1960.9	1864.2	1762.0	1657.9	1551.5	1441.2	1331.3	1222.3	1110.2	1018.3
-57.5°	1780.7	1700.4	1623.6	1542.5	1457.5	1367.4	1273.4	1175.2	1086.1	1001.4	917.9
-60°	1539.3	1471.7	1410.3	1344.9	1275.5	1197.5	1120.8	1043.7	966.4	892.8	821.2
-62.5°	1321.2	1273.2	1217.9	1162.3	1107.4	1049.8	981.0	912.9	847.5	784.3	725.3
-65°	1109.9	1069.0	1026.1	986.3	942.1	893.2	834.8	781.6	730.3	678.2	629.4
-67.5°	922.7	891.2	856.9	821.3	786.3	747.0	704.1	659.9	618.7	576.1	539.7
-70°	768.5	745.7	718.9	687.3	655.4	623.3	590.5	555.8	518.3	480.1	450.7
-72.5°	640.2	623.4	602.5	576.2	548.0	519.8	490.7	459.9	426.8	391.4	363.2
-75°	528.7	516.2	500.2	477.0	452.2	425.8	400.2	372.1	340.0	303.7	275.1
-77.5°	424.8	416.9	406.7	387.5	368.1	348.6	326.1	293.3	260.7	229.8	208.8
-80°	318.5	315.0	308.9	293.0	276.6	260.1	241.9	217.0	193.1	170.8	153.7
-82.5°	210.1	206.3	201.2	191.5	182.0	172.9	163.5	146.6	130.2	114.1	100.2
-85°	106.4	103.3	100.1	98.6	96.7	94.5	91.6	82.0	72.7	64.0	56.3
-87.5°	30.8	30.8	30.7	31.1	31.4	31.5	31.5	29.2	26.9	24.6	22.4
-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: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-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°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.1	1.9	1.8	1.6	1.4
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.3	2.3	2.3
67.5°	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.9	3.0	2.3	2.3
65°	2.3	2.3	2.4	3.4	3.1	2.3	2.3	4.4	3.7	3.3	2.3
62.5°	4.5	2.3	5.9	7.9	5.1	4.1	3.3	9.5	6.1	4.3	3.1
60°	10.3	8.4	15.8	24.2	17.4	6.8	9.9	16.2	15.0	5.5	4.3
57.5°	52.4	23.9	35.3	46.0	43.8	24.6	20.0	27.7	25.2	14.8	5.9
55°	108.6	92.4	73.5	73.1	74.0	58.5	41.6	43.0	38.1	27.0	8.6
52.5°	165.1	160.1	142.5	116.1	106.6	96.3	78.8	60.9	56.5	40.4	21.3
50°	235.4	222.5	208.6	181.6	147.2	133.7	115.7	93.0	76.9	56.4	35.2
47.5°	315.7	293.4	272.4	246.2	208.6	173.1	153.0	126.2	99.4	77.5	49.2
45°	441.1	368.4	340.0	309.7	271.0	226.7	191.8	158.9	128.7	98.7	63.4
42.5°	570.0	468.7	409.4	375.2	334.7	284.7	232.2	195.3	157.7	119.8	80.1
40°	699.7	574.3	484.3	441.7	400.5	342.6	283.7	233.2	186.0	141.7	98.4
37.5°	839.8	692.5	570.8	510.9	467.4	404.8	336.1	272.0	215.2	165.4	116.4
35°	1014.2	832.6	664.9	590.8	532.5	468.4	387.7	314.2	249.9	189.3	134.2
32.5°	1210.2	987.2	799.7	678.0	598.7	533.0	442.9	361.7	285.6	213.2	151.7
30°	1405.2	1146.4	927.6	764.4	669.0	593.6	501.6	409.5	322.0	237.0	169.5
27.5°	1554.1	1283.8	1047.3	868.1	746.8	653.9	560.2	457.5	359.1	263.2	188.9
25°	1706.1	1411.0	1163.5	969.7	823.1	715.4	616.4	505.5	398.5	293.4	208.0
22.5°	1883.7	1531.9	1261.5	1061.4	903.9	777.9	670.1	554.2	438.4	323.3	226.5
20°	2057.4	1643.3	1351.7	1168.5	992.2	847.6	722.8	600.6	477.4	352.6	244.4
17.5°	2235.5	1799.7	1501.4	1279.4	1083.4	916.4	774.8	644.6	515.3	381.3	261.6
15°	2503.8	2008.9	1652.4	1388.9	1171.6	983.9	825.8	686.0	551.8	408.9	276.9
12.5°	2756.7	2205.8	1798.8	1495.9	1256.3	1049.4	875.2	724.8	586.7	431.8	289.6
10°	2980.3	2389.1	1939.0	1599.1	1336.7	1112.2	922.6	755.3	607.3	450.1	301.0
7.5°	3174.9	2557.3	2071.3	1697.3	1405.3	1154.7	946.7	771.3	623.0	466.2	311.0
5°	3323.7	2671.7	2144.0	1736.5	1431.0	1174.2	963.9	784.2	635.5	479.9	319.6
2.5°	3372.9	2709.8	2172.8	1758.6	1449.8	1188.1	977.2	794.0	644.9	491.2	326.8
0°	3395.6	2728.2	2187.6	1771.3	1461.4	1196.7	986.3	800.8	651.5	499.9	332.5
-2.5°	3420.6	2753.3	2208.3	1791.0	1473.6	1208.4	996.0	811.4	660.9	509.7	342.1
-5°	3418.8	2758.0	2215.0	1800.5	1478.4	1214.7	1001.6	819.0	667.7	516.8	350.1
-7.5°	3382.7	2736.6	2206.5	1798.6	1475.7	1215.4	1003.1	823.4	671.8	521.4	356.4
-10°	3318.0	2692.2	2181.6	1782.3	1466.0	1210.1	1000.7	824.8	673.5	523.3	360.9
-12.5°	3227.0	2629.0	2141.6	1755.7	1448.6	1198.7	993.4	821.0	672.5	522.7	363.4
-15°	3110.0	2547.7	2086.4	1718.8	1423.3	1181.9	981.6	813.0	666.6	518.9	364.0
-17.5°	2968.5	2449.0	2015.9	1671.8	1390.3	1159.5	965.5	802.0	658.7	512.2	363.3
-20°	2837.3	2345.0	1934.6	1614.7	1349.5	1131.7	944.9	787.9	648.8	503.8	361.6

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Scaled Data Report



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	2690.5	2237.0	1862.5	1560.0	1306.3	1098.5	919.8	770.8	636.9	493.9	358.3
-25°	2522.6	2114.6	1780.1	1499.1	1264.4	1066.7	894.1	750.7	623.4	482.5	353.5
-27.5°	2364.7	1988.3	1687.8	1428.9	1215.8	1030.1	868.7	732.1	607.7	470.0	347.3
-30°	2203.6	1878.3	1599.4	1355.3	1162.3	989.3	840.0	712.2	590.0	458.9	339.6
-32.5°	2039.9	1758.5	1504.6	1291.7	1110.5	945.4	808.8	690.9	571.6	447.9	333.2
-35°	1899.2	1640.6	1402.9	1223.1	1057.4	908.0	777.6	668.2	552.6	435.5	326.2
-37.5°	1749.4	1521.0	1323.7	1155.0	1000.5	867.2	747.7	641.5	533.0	421.7	317.8
-40°	1615.4	1409.5	1238.3	1089.1	949.2	823.1	714.4	613.0	514.7	406.5	308.0
-42.5°	1478.8	1308.1	1155.2	1018.3	897.7	782.7	678.1	582.7	491.1	392.3	296.8
-45°	1359.3	1204.2	1069.1	953.9	843.9	738.6	642.6	551.2	465.7	377.8	285.1
-47.5°	1235.7	1104.1	988.8	886.8	790.9	692.9	605.2	522.0	439.4	361.6	273.1
-50°	1120.5	1009.2	913.3	821.9	732.4	650.0	567.8	491.9	415.5	340.4	259.6
-52.5°	1018.0	925.2	839.9	756.7	679.8	605.4	534.2	461.4	390.5	319.2	244.7
-55°	927.3	844.7	767.9	695.9	627.1	565.6	500.0	432.6	364.5	297.4	228.8
-57.5°	840.6	766.2	700.9	636.9	578.2	524.7	466.5	402.8	338.3	274.5	214.6
-60°	753.3	693.5	635.4	581.7	530.9	482.4	433.0	372.1	311.1	250.9	197.5
-62.5°	669.8	619.6	574.9	527.6	481.1	438.4	398.3	340.4	282.8	227.7	178.5
-65°	587.7	549.3	513.2	468.8	428.4	392.7	359.5	307.4	252.9	202.9	158.6
-67.5°	506.5	474.8	442.6	406.6	376.6	347.5	318.0	270.9	221.4	176.8	138.6
-70°	424.5	397.7	374.7	351.8	326.9	301.2	271.9	231.7	188.4	152.0	117.9
-72.5°	344.2	327.7	314.0	297.8	276.8	252.5	224.9	192.1	158.5	126.6	96.5
-75°	265.1	261.7	257.5	247.1	226.9	204.1	181.9	156.8	127.8	100.4	78.6
-77.5°	208.8	207.4	204.5	197.2	179.5	161.0	141.7	120.6	98.6	79.7	61.8
-80°	154.6	154.4	153.1	148.6	133.5	117.8	104.3	90.8	74.7	59.3	44.6
-82.5°	101.6	103.2	103.8	102.5	92.2	82.2	72.5	62.8	50.4	38.5	29.8
-85°	58.1	59.1	59.4	58.7	52.4	46.3	42.2	38.1	31.4	25.4	20.0
-87.5°	24.1	25.5	26.5	27.2	25.2	23.2	21.1	19.1	15.8	12.7	10.0
-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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Scaled Data Report



REPORT NUMBER: P627532 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
80°	2.3	2.0	1.6	1.2	0.8	0.4	0.0
77.5°	2.3	2.3	2.0	1.5	1.0	0.5	0.0
75°	2.3	2.3	2.3	1.8	1.2	0.6	0.0
72.5°	2.3	2.3	2.3	2.1	1.4	0.7	0.0
70°	2.3	2.3	2.3	2.3	1.6	0.8	0.0
67.5°	2.5	2.3	2.3	2.3	1.8	0.9	0.0
65°	2.8	2.5	2.3	2.3	1.9	1.0	0.0
62.5°	3.1	3.1	2.3	2.3	2.1	1.1	0.0
60°	3.6	3.6	2.3	2.3	2.3	1.1	0.0
57.5°	6.1	4.3	2.9	2.3	2.3	1.2	0.0
55°	9.4	5.0	3.6	2.3	2.4	1.3	0.0
52.5°	13.1	6.2	4.3	2.3	2.4	1.4	0.0
50°	17.3	10.2	5.1	2.3	2.4	1.5	0.0
47.5°	23.0	14.3	5.8	2.4	2.5	1.6	0.0
45°	35.2	18.8	6.6	3.1	2.6	1.6	0.0
42.5°	47.4	23.5	7.5	3.7	2.6	1.7	0.0
40°	59.6	28.5	9.8	4.5	2.7	1.8	0.0
37.5°	71.6	33.6	13.7	5.4	2.8	1.8	0.0
35°	83.6	41.8	17.6	6.5	2.9	1.9	0.0
32.5°	96.2	51.2	21.6	7.6	3.0	1.9	0.0
30°	110.3	60.4	25.6	8.9	3.1	2.0	0.0
27.5°	124.0	69.3	30.1	10.1	3.2	2.0	0.0
25°	137.3	78.0	34.7	11.5	3.3	2.1	0.0
22.5°	149.9	86.3	39.1	12.9	3.4	2.1	0.0
20°	162.0	94.5	43.4	14.3	3.6	2.2	0.0
17.5°	173.2	102.1	47.6	15.7	3.7	2.2	0.0
15°	183.5	109.3	51.5	17.1	3.8	2.2	0.0
12.5°	192.9	115.9	55.3	18.6	3.9	2.2	0.0
10°	201.4	122.0	58.8	20.0	4.1	2.3	0.0
7.5°	209.0	127.5	62.1	21.3	4.2	2.3	0.0
5°	215.7	132.4	65.0	22.6	4.3	2.3	0.0
2.5°	221.5	136.7	67.7	23.8	4.4	2.3	0.0
0°	226.2	140.3	70.1	24.9	4.5	2.3	0.0
-2.5°	232.4	144.7	73.3	26.5	5.2	2.4	0.0
-5°	237.5	148.4	76.1	27.9	5.9	2.6	0.0
-7.5°	241.5	151.4	78.6	29.2	6.5	2.7	0.0
-10°	244.4	153.6	80.5	30.4	7.2	2.8	0.0
-12.5°	246.1	155.1	82.0	31.4	7.8	3.0	0.0
-15°	246.6	155.8	83.0	32.2	8.3	3.1	0.0
-17.5°	245.9	155.7	83.5	32.8	8.8	3.2	0.0
-20°	245.2	154.9	83.4	33.2	9.3	3.2	0.0

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CATALOG NUMBER: GFLD-SA4E-740-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	245.3	153.2	82.7	33.4	9.7	3.3	0.0
-25°	244.2	152.6	81.4	33.4	10.1	3.4	0.0
-27.5°	241.9	152.0	79.6	33.1	10.4	3.4	0.0
-30°	238.3	150.3	77.3	32.7	10.6	3.4	0.0
-32.5°	233.5	147.8	76.3	32.0	10.8	3.5	0.0
-35°	229.0	144.2	74.7	31.1	10.9	3.5	0.0
-37.5°	223.8	140.4	72.5	29.9	11.0	3.4	0.0
-40°	217.3	136.9	69.6	28.5	10.9	3.4	0.0
-42.5°	209.6	132.6	67.5	27.2	10.8	3.4	0.0
-45°	200.7	127.5	66.2	26.1	10.6	3.3	0.0
-47.5°	190.6	121.4	64.2	24.7	10.4	3.2	0.0
-50°	181.7	114.6	61.5	24.3	10.1	3.1	0.0
-52.5°	172.1	106.9	58.1	23.9	9.7	3.0	0.0
-55°	161.5	100.6	54.1	23.3	9.2	2.9	0.0
-57.5°	149.9	93.8	49.5	22.3	8.7	2.8	0.0
-60°	137.5	86.0	44.3	21.1	8.1	2.6	0.0
-62.5°	125.4	77.4	41.3	19.6	7.6	2.4	0.0
-65°	112.2	67.9	37.7	17.9	7.1	2.3	0.0
-67.5°	97.9	59.4	33.7	15.9	6.5	2.1	0.0
-70°	82.5	52.1	29.3	13.7	5.9	1.9	0.0
-72.5°	70.1	44.2	24.6	12.1	5.2	1.7	0.0
-75°	57.6	35.8	19.5	10.5	4.5	1.4	0.0
-77.5°	44.4	27.0	16.1	8.9	3.8	1.2	0.0
-80°	30.6	20.6	13.1	7.2	3.1	1.0	0.0
-82.5°	22.6	15.6	9.9	5.5	2.3	0.7	0.0
-85°	15.1	10.5	6.6	3.7	1.6	0.5	0.0
-87.5°	7.6	5.3	3.3	1.8	0.8	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)