

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: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

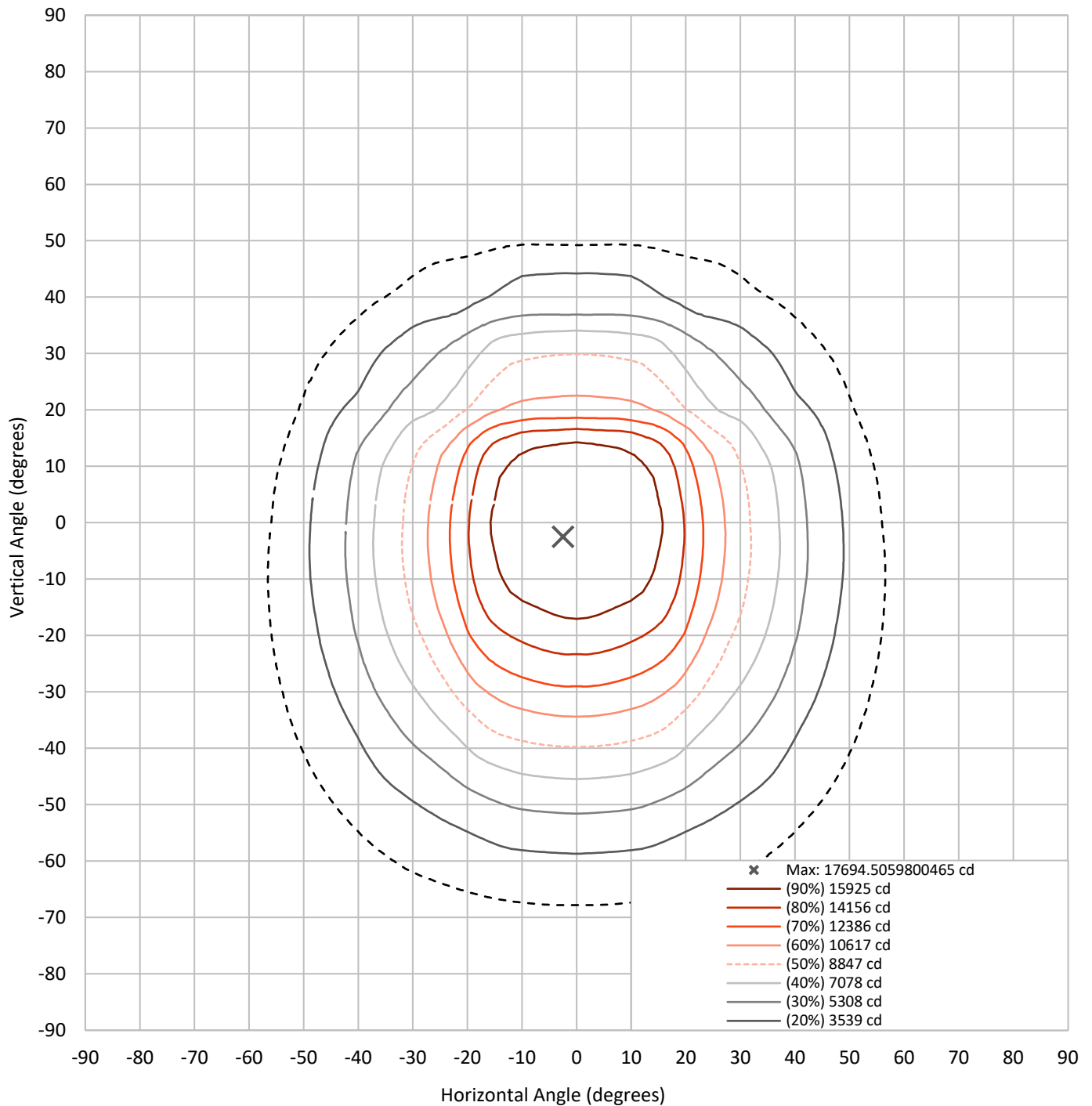
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23613.9 lumens	Max Intensity:	17694.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	114.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	13662.2 lumens	Field Lumens:	22408.1 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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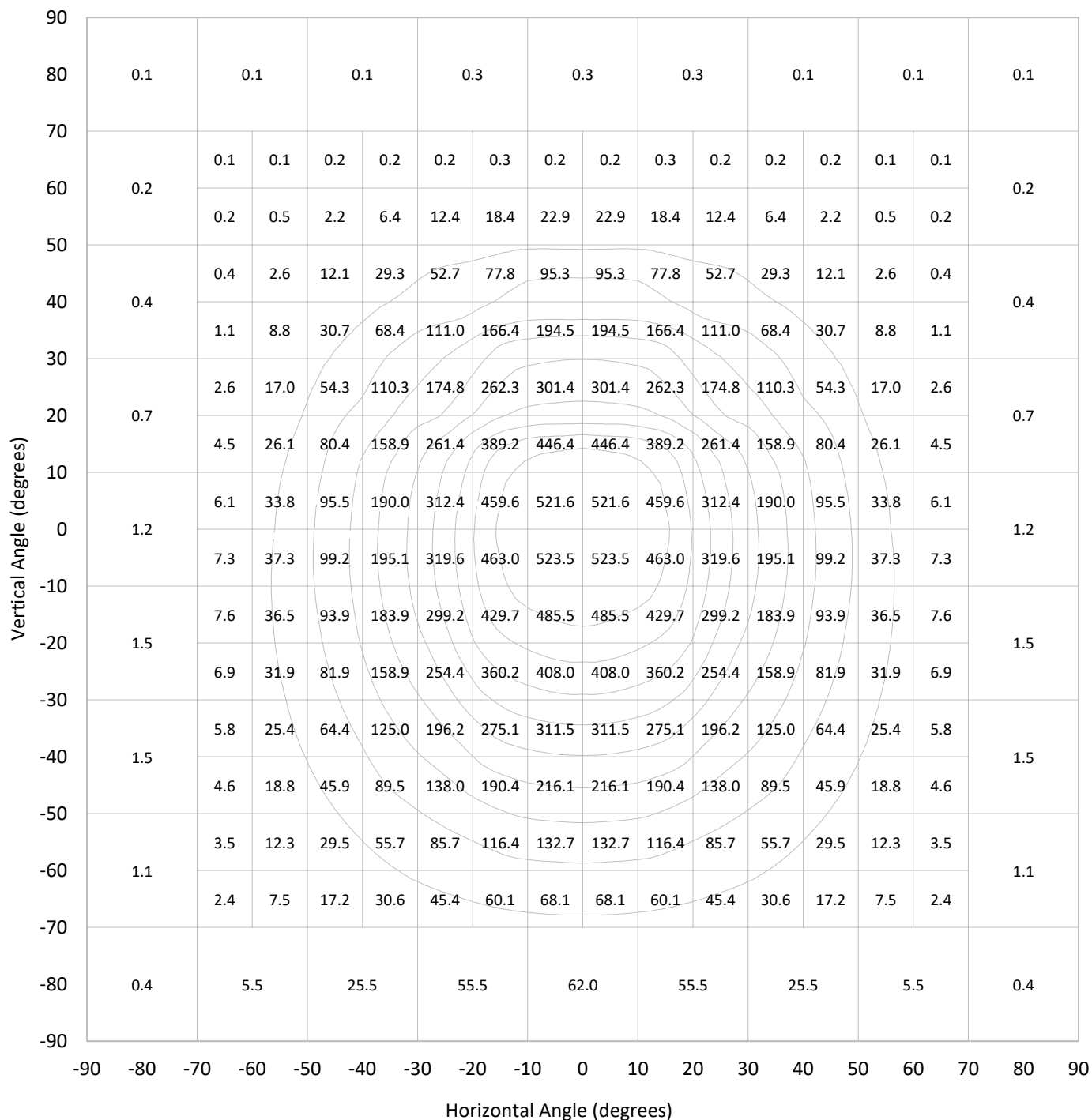
### Iso-Candela Plot





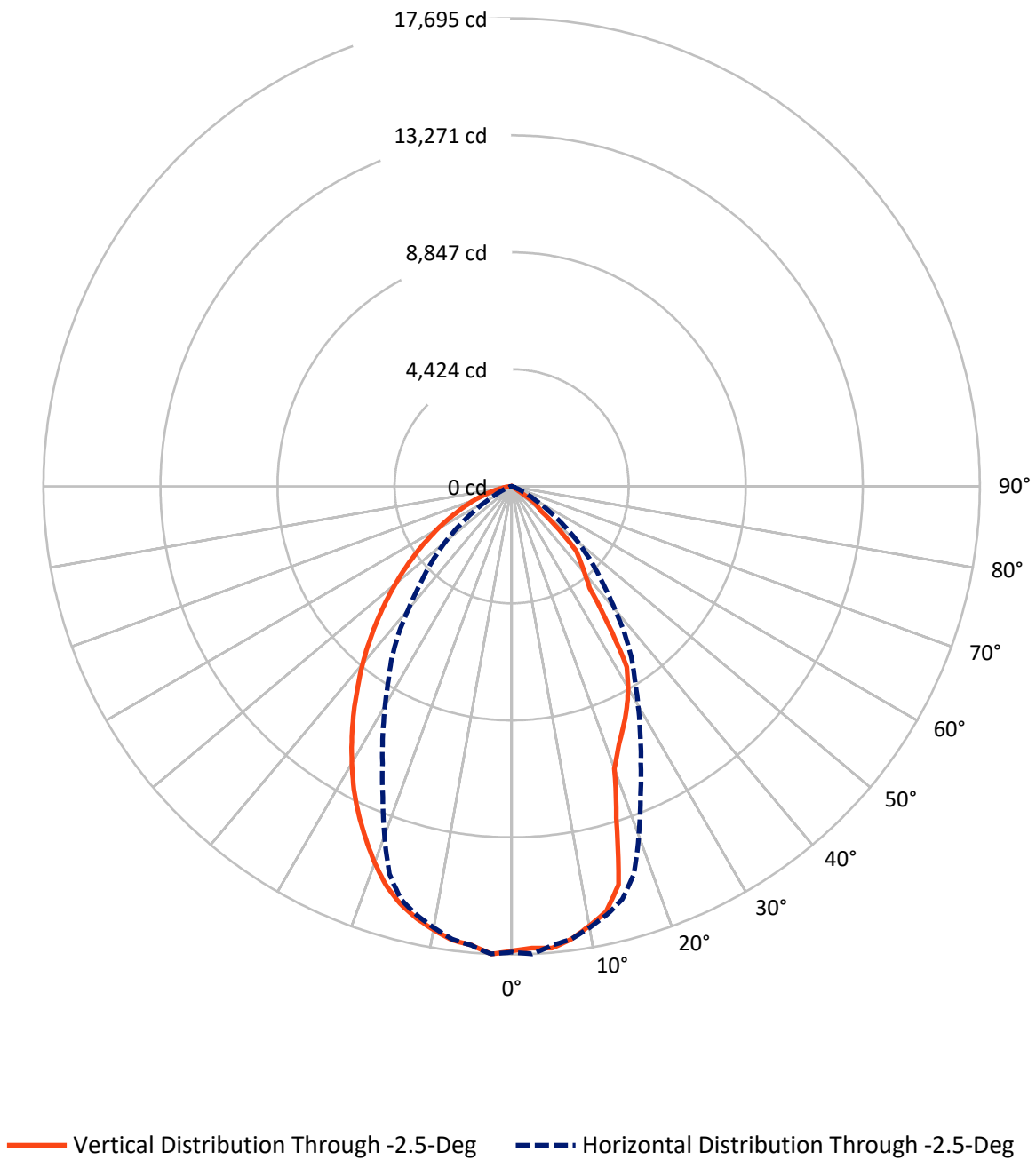
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### Lumen Table



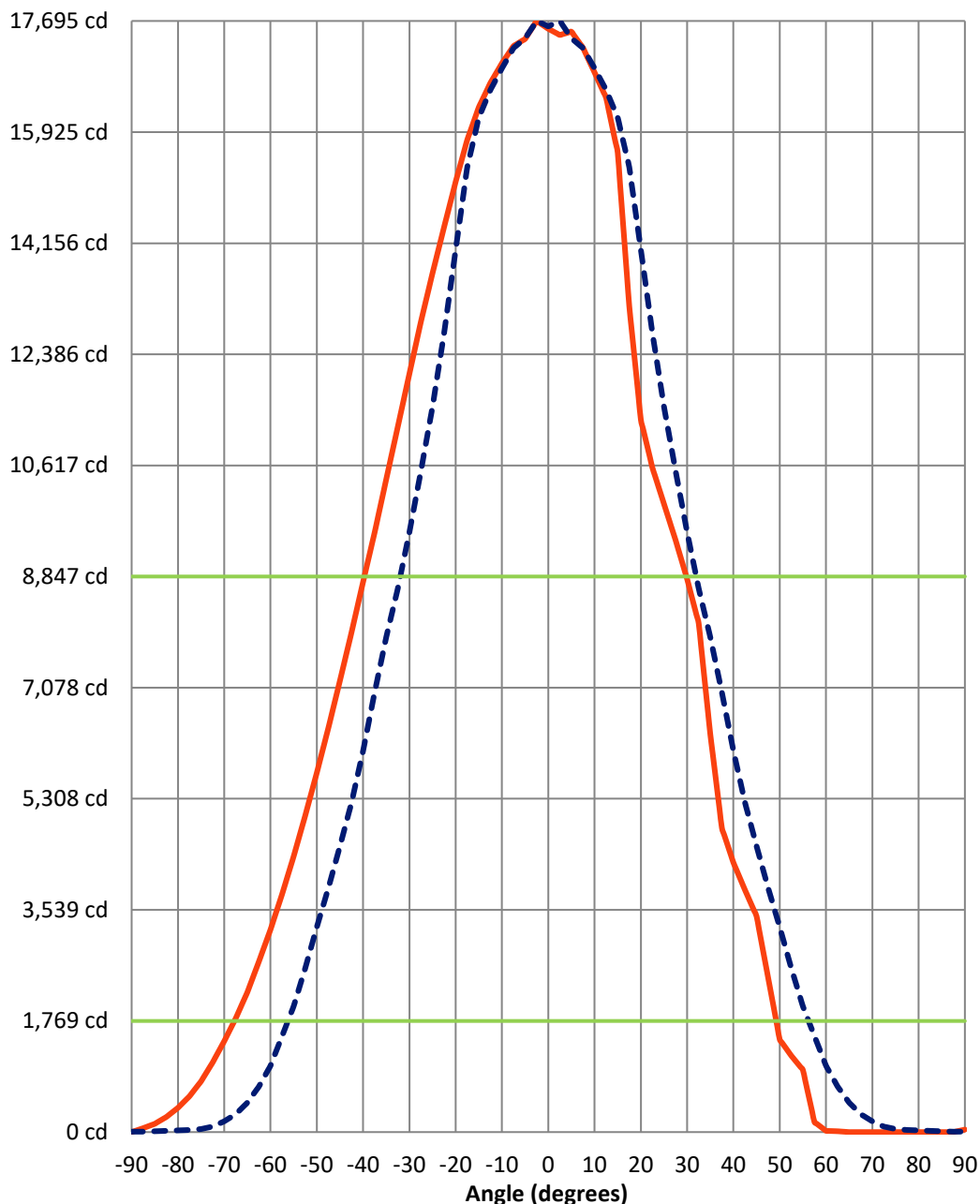
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 13662.2  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 22408.1  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1205.8  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-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°	6.6	6.6	6.6	8.2	9.9	11.6	13.2	14.9	16.5	18.2	19.8
87.5°	6.6	6.6	6.6	6.4	6.0	5.5	4.9	3.5	2.2	1.0	0.0
85°	6.6	6.6	6.6	6.2	5.5	4.5	3.2	2.0	1.1	0.4	0.0
82.5°	6.6	6.6	6.6	6.0	4.9	3.4	1.6	0.5	0.2	1.0	1.7
80°	6.6	6.6	6.6	5.8	4.4	2.4	0.3	1.3	2.4	3.5	4.5
77.5°	6.6	6.6	6.6	5.6	3.9	2.2	2.0	3.3	4.6	5.9	6.0
75°	6.6	6.6	6.6	5.5	3.6	3.3	3.7	5.2	6.5	5.4	3.5
72.5°	6.6	6.6	6.6	5.3	4.2	4.3	5.3	6.5	5.6	3.8	1.1
70°	6.6	6.6	6.6	5.3	4.7	5.3	6.6	6.2	4.8	2.5	3.0
67.5°	6.6	6.6	6.6	5.5	5.3	6.2	6.8	6.1	4.3	5.1	5.9
65°	6.6	6.6	6.6	5.7	5.7	6.8	7.1	6.0	6.6	7.7	8.1
62.5°	6.6	6.6	6.6	5.9	6.2	7.4	7.4	7.5	8.9	10.0	9.1
60°	6.6	6.6	6.6	6.1	6.6	7.9	7.8	9.4	11.1	11.5	10.3
57.5°	6.6	6.6	6.7	6.3	7.2	8.6	9.4	11.4	13.1	13.2	12.9
55°	6.6	6.6	6.8	6.4	7.9	9.2	11.1	13.4	15.1	15.3	16.0
52.5°	6.6	6.6	6.9	6.5	8.6	10.1	12.7	15.3	17.2	18.2	19.2
50°	6.6	6.6	7.0	6.6	9.3	11.5	14.3	17.2	19.6	21.0	22.3
47.5°	6.6	6.6	7.2	6.7	10.1	12.8	15.9	19.0	22.0	23.7	25.4
45°	6.6	6.6	7.4	7.4	10.9	14.1	17.5	20.8	24.3	26.5	28.4
42.5°	6.6	6.6	7.6	8.0	11.7	15.3	19.0	22.8	26.8	29.2	34.5
40°	6.6	6.6	7.8	8.8	12.6	16.5	20.4	25.1	29.4	32.0	41.2
37.5°	6.6	6.6	8.1	9.6	13.6	17.7	21.9	27.4	32.2	36.3	48.0
35°	6.6	6.6	8.4	10.5	14.5	18.9	23.2	29.8	35.1	44.7	61.0
32.5°	6.6	6.6	8.7	11.3	15.4	20.0	24.8	32.3	38.1	54.4	87.1
30°	6.6	6.6	9.0	12.2	16.2	21.0	26.7	34.8	41.2	65.6	112.5
27.5°	6.6	6.6	9.3	13.0	17.2	22.1	28.7	37.3	46.7	77.9	137.1
25°	6.6	6.6	9.7	13.7	18.3	23.0	30.7	39.9	56.3	96.0	161.2
22.5°	6.6	6.6	10.0	14.5	19.3	24.1	32.6	42.5	66.3	115.9	193.0
20°	6.6	6.6	10.4	15.2	20.2	25.3	34.5	45.1	76.8	134.7	224.6
17.5°	6.6	6.6	10.8	15.9	21.2	26.4	36.4	47.7	87.4	152.5	255.6
15°	6.6	6.6	11.2	16.5	22.0	27.5	38.2	51.0	98.1	169.2	285.8
12.5°	6.6	6.6	11.5	17.2	22.9	28.6	39.9	55.6	110.0	184.6	314.7
10°	6.6	6.6	11.9	17.8	23.7	29.6	41.5	60.4	122.6	202.6	343.7
7.5°	6.6	6.6	12.2	18.3	24.4	30.5	42.9	65.3	134.6	220.1	374.1
5°	6.6	6.6	12.6	18.9	25.1	31.4	44.1	70.2	145.8	236.3	402.2
2.5°	6.6	6.6	12.9	19.3	25.8	32.2	45.2	74.9	156.0	251.0	427.4
0°	6.6	6.6	13.2	19.8	26.4	33.0	46.2	79.3	165.1	264.2	449.2
-2.5°	6.6	6.6	13.2	19.8	26.4	33.0	46.2	79.3	165.1	264.2	449.2
-5°	6.6	6.6	13.1	19.7	27.4	34.3	51.1	94.7	177.0	303.3	484.9
-7.5°	6.6	6.6	13.1	19.6	27.9	34.9	53.2	101.2	181.1	318.3	497.5
-10°	6.6	6.6	13.0	19.5	28.2	35.4	54.9	106.5	184.2	329.1	506.8
-12.5°	6.6	6.6	12.9	19.3	28.4	35.8	56.2	110.5	186.3	334.7	514.0
-15°	6.6	6.6	12.7	19.1	28.5	36.2	57.0	112.9	190.1	334.1	516.6
-17.5°	6.6	6.6	12.6	18.9	28.4	36.5	57.3	115.3	195.8	330.8	513.4
-20°	6.6	6.6	12.4	18.6	28.2	36.7	58.8	117.7	199.5	324.7	504.0

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.6	6.6	12.2	18.3	27.9	36.9	62.5	118.7	201.1	316.0	488.0
-25°	6.6	6.6	12.0	17.9	27.4	39.3	65.6	118.4	200.5	304.8	465.1
-27.5°	6.6	6.6	11.7	17.6	26.7	42.4	68.0	116.6	197.7	295.2	448.4
-30°	6.6	6.6	11.4	17.1	26.1	45.0	69.7	113.3	194.0	291.0	429.6
-32.5°	6.6	6.6	11.1	16.7	27.0	47.2	70.6	113.5	189.3	283.7	408.5
-35°	6.6	6.6	10.8	16.2	27.8	48.9	72.5	114.1	182.7	273.4	384.9
-37.5°	6.6	6.6	10.5	15.7	28.2	50.0	74.4	113.7	174.3	260.2	374.4
-40°	6.6	6.6	10.1	15.1	28.4	50.4	75.6	112.2	164.0	247.5	362.7
-42.5°	6.6	6.6	9.7	14.8	28.6	50.4	76.0	109.6	158.1	237.2	344.7
-45°	6.6	6.6	9.3	14.9	28.8	50.1	75.6	107.2	153.8	224.6	322.1
-47.5°	6.6	6.6	8.9	14.8	28.6	49.3	74.5	105.7	148.3	209.4	304.3
-50°	6.6	6.6	8.5	14.6	28.0	48.2	72.9	103.1	143.9	204.0	283.1
-52.5°	6.6	6.6	8.0	14.3	27.2	46.7	70.9	99.5	140.2	196.8	260.3
-55°	6.6	6.6	7.6	14.0	26.0	44.8	68.4	95.0	135.6	187.9	249.4
-57.5°	6.6	6.6	7.1	13.5	24.6	42.3	65.3	91.0	129.3	178.5	236.6
-60°	6.6	6.6	6.6	12.9	22.8	39.4	61.7	86.5	121.2	167.4	221.8
-62.5°	6.6	6.6	6.6	12.2	21.6	36.1	56.8	80.6	111.1	154.2	204.5
-65°	6.6	6.6	6.6	11.4	20.2	32.3	51.1	73.0	99.0	136.8	184.9
-67.5°	6.6	6.6	6.6	10.5	18.6	29.0	45.0	64.1	84.9	116.5	158.9
-70°	6.6	6.6	6.6	9.5	16.9	26.4	38.3	54.6	72.7	93.9	128.4
-72.5°	6.6	6.6	6.6	9.3	15.1	23.5	33.8	44.6	60.0	77.9	98.3
-75°	6.6	6.6	6.6	9.2	13.1	20.5	29.4	37.6	46.7	61.3	78.1
-77.5°	6.6	6.6	6.6	9.1	12.5	17.3	24.9	31.6	38.7	46.4	57.3
-80°	6.6	6.6	6.6	9.0	12.0	15.6	20.1	25.5	31.2	37.4	44.1
-82.5°	6.6	6.6	6.6	8.8	11.5	14.6	18.2	20.7	23.5	28.2	33.2
-85°	6.6	6.6	6.6	8.7	11.0	13.6	16.6	18.8	21.0	23.1	25.3
-87.5°	6.6	6.6	6.6	8.5	10.5	12.6	14.9	16.8	18.7	20.7	22.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	4.9	3.3	1.6	0.0





REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	21.5	23.1	24.8
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.9	1.7	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.4	3.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.8	1.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.1	1.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.7	4.0	2.7	1.1	0.0	0.4	1.0	0.7	0.0	0.3	0.8
67.5°	6.1	4.6	3.0	1.9	2.5	3.3	3.1	3.3	3.6	3.9	3.4
65°	6.4	4.9	4.9	5.8	6.5	7.1	7.7	8.2	6.9	6.0	6.1
62.5°	6.9	7.4	8.6	9.6	10.6	11.5	11.5	10.3	7.8	9.8	11.2
60°	9.8	10.8	12.2	13.5	14.8	15.5	14.8	15.0	16.7	19.3	37.1
57.5°	13.2	14.1	15.8	17.8	19.7	20.0	20.5	22.3	52.3	85.5	94.4
55°	16.7	17.4	20.2	23.4	25.4	25.2	36.2	76.4	115.3	159.7	176.1
52.5°	20.1	21.5	26.2	30.2	32.7	50.9	91.8	146.3	203.7	254.7	320.6
50°	23.5	28.3	33.2	38.9	62.1	109.7	169.4	243.8	330.3	411.8	495.3
47.5°	29.4	35.4	42.9	61.4	122.5	188.6	271.2	390.8	497.5	596.2	710.7
45°	36.3	48.8	57.1	121.7	192.6	277.9	417.7	564.0	660.9	792.9	995.4
42.5°	43.5	67.6	109.1	183.8	270.3	407.7	581.1	705.8	834.7	1048.6	1261.6
40°	62.6	90.6	164.6	253.5	363.1	563.4	741.4	882.6	1058.5	1295.7	1518.1
37.5°	85.8	138.3	221.2	327.8	508.6	728.2	918.8	1120.5	1322.7	1546.4	1958.8
35°	111.6	182.6	293.0	436.8	654.2	910.9	1138.2	1363.5	1596.6	2037.0	2446.2
32.5°	145.1	223.4	368.0	563.4	811.6	1093.4	1357.2	1617.7	1991.6	2489.9	2900.5
30°	181.3	288.9	454.3	680.7	959.8	1260.5	1577.7	1893.1	2387.9	2800.3	3246.1
27.5°	219.1	358.0	555.5	803.1	1098.5	1418.2	1776.3	2226.1	2667.5	3074.9	3564.8
25°	257.9	430.1	648.1	920.3	1235.1	1588.7	2000.5	2548.4	2893.7	3344.0	3854.9
22.5°	307.8	499.1	739.7	1026.4	1361.6	1763.8	2289.0	2839.2	3245.6	3624.3	4123.5
20°	365.5	576.7	839.4	1159.5	1485.6	1934.9	2575.9	3154.6	3632.6	4066.2	4524.7
17.5°	419.4	649.2	946.1	1295.3	1665.9	2154.2	2857.4	3497.9	4023.8	4507.1	5079.5
15°	469.2	716.3	1050.5	1423.8	1843.2	2405.3	3109.9	3813.2	4413.8	4957.6	5608.0
12.5°	514.8	777.7	1151.1	1544.1	2010.1	2621.9	3321.8	4008.4	4668.5	5377.0	6115.2
10°	555.8	832.8	1246.2	1655.2	2164.9	2805.0	3497.0	4171.1	4837.1	5586.9	6407.1
7.5°	599.9	884.3	1332.4	1756.1	2305.7	2956.3	3636.9	4301.6	4973.3	5754.7	6596.8
5°	640.7	931.8	1401.0	1828.4	2414.5	3074.4	3742.2	4400.7	5076.7	5879.8	6740.4
2.5°	676.4	971.6	1456.8	1885.1	2495.2	3161.2	3810.5	4483.4	5153.5	5981.5	6850.1
0°	706.8	1004.0	1499.4	1928.7	2556.2	3223.4	3850.8	4537.8	5198.3	6050.4	6922.3
-2.5°	726.2	1057.0	1528.6	2004.7	2609.5	3264.1	3886.8	4553.0	5246.6	6072.2	7003.3
-5°	739.8	1100.0	1546.3	2063.3	2644.4	3282.1	3898.7	4541.2	5259.5	6066.7	7015.2
-7.5°	747.8	1130.3	1554.6	2096.5	2656.7	3271.3	3878.7	4518.8	5238.4	6045.9	6962.7
-10°	752.3	1139.8	1565.8	2086.5	2640.5	3235.9	3834.0	4466.4	5178.5	5978.4	6863.1
-12.5°	764.8	1133.7	1563.8	2064.3	2605.8	3182.4	3767.7	4383.3	5078.6	5863.2	6725.3
-15°	767.9	1120.1	1545.1	2031.6	2552.7	3112.4	3681.0	4269.4	4955.5	5750.9	6573.0
-17.5°	761.0	1099.6	1508.5	1989.9	2481.6	3027.6	3578.8	4166.8	4840.1	5621.4	6413.0
-20°	743.3	1072.9	1453.2	1940.7	2397.2	2933.3	3476.5	4059.2	4707.3	5441.7	6233.9

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	714.3	1040.7	1393.4	1871.9	2324.3	2825.1	3356.6	3912.5	4540.9	5208.7	5993.2
-25°	684.4	1004.4	1346.3	1777.4	2236.7	2698.7	3218.9	3733.2	4345.5	5001.3	5697.5
-27.5°	656.1	953.6	1297.3	1673.9	2133.5	2563.8	3063.1	3564.8	4125.7	4768.5	5409.4
-30°	619.0	898.7	1237.5	1574.4	2010.1	2436.6	2889.4	3383.1	3887.5	4497.5	5128.1
-32.5°	586.2	841.7	1169.4	1498.5	1877.4	2293.5	2702.1	3172.7	3664.9	4184.9	4808.1
-35°	564.4	808.0	1097.2	1411.0	1742.0	2137.8	2526.4	2935.3	3412.0	3900.0	4447.2
-37.5°	546.6	769.2	1021.3	1319.7	1634.8	1974.4	2338.3	2714.5	3130.5	3622.5	4136.9
-40°	518.7	725.6	965.0	1232.7	1510.7	1819.5	2157.3	2497.8	2858.5	3339.1	3846.7
-42.5°	483.0	683.4	912.0	1138.0	1392.0	1673.9	1974.2	2294.9	2641.4	3059.0	3525.5
-45°	455.5	629.4	853.0	1055.5	1265.8	1523.6	1805.5	2096.0	2422.9	2781.3	3200.4
-47.5°	420.6	570.7	775.9	965.1	1150.4	1370.5	1628.2	1903.2	2192.8	2515.8	2859.2
-50°	383.2	521.7	681.6	865.8	1042.4	1225.5	1445.4	1699.6	1962.3	2243.9	2550.3
-52.5°	354.9	464.4	610.3	763.7	932.0	1098.0	1285.3	1503.3	1737.9	1973.2	2242.7
-55°	322.8	422.2	542.5	680.0	823.3	976.9	1147.4	1338.4	1529.7	1745.8	1960.9
-57.5°	300.2	381.6	485.9	605.3	734.1	864.7	1025.6	1186.9	1364.0	1542.9	1721.3
-60°	282.6	346.5	433.0	538.2	653.0	775.0	907.1	1056.2	1208.7	1354.7	1508.9
-62.5°	262.4	318.0	385.7	471.4	575.1	681.3	797.6	925.4	1063.3	1186.3	1305.8
-65°	236.3	284.6	342.7	412.5	493.9	583.7	682.8	790.5	909.7	1009.5	1107.1
-67.5°	206.3	247.0	295.7	352.7	420.6	490.7	563.4	654.5	751.3	832.7	912.2
-70°	168.6	206.3	246.1	292.6	345.8	405.2	469.2	535.3	601.5	668.0	740.8
-72.5°	129.1	163.4	197.1	230.3	272.7	321.3	373.5	429.0	486.8	543.6	598.9
-75°	98.4	120.6	150.1	180.0	209.5	241.1	276.4	320.5	374.3	429.4	479.9
-77.5°	74.3	92.9	112.6	133.1	151.8	175.1	200.6	228.0	272.3	323.2	374.6
-80°	53.6	64.8	80.4	97.0	110.0	122.9	136.3	150.2	183.1	224.2	267.9
-82.5°	39.8	47.4	56.1	65.7	72.3	78.7	85.9	95.1	119.5	147.2	176.4
-85°	27.4	29.6	34.3	39.7	43.4	47.1	50.9	54.8	68.0	82.8	98.7
-87.5°	23.6	24.7	26.0	27.4	27.8	28.3	28.7	29.1	33.6	38.2	43.0
-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: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	26.4	28.1	29.7	31.4	33.0	34.7	36.3	38.0	39.6	39.6	39.6
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°	0.6	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3.0	3.4	3.4	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	7.0	6.6	4.9	3.2	1.6	2.5	4.0	4.8	4.8	4.3	3.3
62.5°	10.5	9.6	8.7	10.0	12.0	13.9	13.3	12.6	11.7	11.2	11.6
60°	39.1	26.0	30.1	37.8	35.3	24.2	39.8	45.0	38.4	26.2	25.3
57.5°	99.0	95.6	109.5	159.9	176.0	160.4	191.6	232.6	231.4	199.3	198.2
55°	211.0	283.0	370.0	384.1	444.6	566.0	660.5	619.1	618.8	649.9	750.3
52.5°	400.6	468.7	494.0	561.6	688.2	780.0	839.1	900.1	967.1	1035.4	1104.6
50°	588.0	654.1	729.0	798.3	973.4	1067.7	1051.9	1178.5	1340.5	1441.6	1493.6
47.5°	862.5	966.6	1125.0	1373.3	1504.0	1598.6	1716.1	1859.5	2045.0	2296.7	2490.5
45°	1185.7	1349.4	1594.5	1858.3	2061.2	2153.7	2288.2	2510.2	2806.0	3094.0	3304.4
42.5°	1449.9	1674.4	1951.0	2203.0	2368.5	2520.3	2694.5	2881.6	3220.5	3528.2	3771.4
40°	1794.6	1969.5	2279.8	2517.3	2665.5	2816.0	3092.0	3372.2	3690.9	3977.5	4176.7
37.5°	2231.5	2428.4	2751.1	3019.8	3162.4	3215.6	3685.0	4075.0	4334.0	4699.9	4819.6
35°	2700.9	3024.9	3436.2	3784.5	3924.4	4203.5	4687.0	5231.2	5820.9	6037.7	6222.6
32.5°	3224.6	3624.3	4182.3	4556.2	4755.7	5179.4	5791.3	6372.2	7143.2	7561.7	7686.7
30°	3703.6	4162.3	4641.9	5005.3	5346.6	5856.8	6414.8	7131.1	7844.0	8379.0	8545.1
27.5°	4055.2	4562.7	5023.9	5364.2	5749.2	6299.3	6995.0	7720.4	8420.2	8966.0	9160.0
25°	4390.7	4964.5	5329.6	5725.2	6177.4	6776.8	7547.9	8353.8	9043.1	9504.4	9742.3
22.5°	4772.5	5338.1	5730.1	6065.2	6656.4	7347.1	8062.8	8973.5	9703.8	10071.9	10329.8
20°	5166.5	5806.4	6411.9	6723.7	7235.2	8109.8	8911.0	9770.7	10475.9	10859.5	11131.1
17.5°	5716.2	6531.8	7274.4	7715.8	8263.5	9309.4	10309.1	11178.7	12159.8	12506.3	12838.2
15°	6295.8	7239.8	8109.7	8809.1	9516.5	10552.7	11839.7	12889.1	14008.5	14508.5	15073.6
12.5°	6873.7	7766.9	8555.0	9457.2	10454.4	11370.9	12596.2	13903.0	14918.8	15556.3	15936.8
10°	7305.5	8135.2	8893.6	9797.9	10793.2	11830.0	13047.5	14387.2	15450.5	15994.6	16305.1
7.5°	7538.7	8332.8	9132.7	10049.1	11039.9	12144.2	13398.6	14727.7	15815.0	16342.1	16648.7
5°	7711.8	8474.4	9302.7	10267.5	11269.3	12389.0	13641.7	14954.9	15946.3	16506.5	16894.2
2.5°	7816.6	8564.3	9411.1	10408.6	11412.9	12579.0	13892.3	15253.6	16121.0	16571.6	16928.2
0°	7847.0	8600.0	9471.9	10482.5	11512.9	12688.6	13989.9	15337.3	16215.8	16651.8	17015.1
-2.5°	7881.2	8656.5	9552.3	10530.4	11552.1	12724.5	14052.8	15365.7	16156.0	16595.9	16941.5
-5°	7857.4	8660.9	9554.0	10490.8	11519.2	12682.2	13957.3	15185.0	16011.7	16487.3	16830.9
-7.5°	7786.3	8601.2	9485.1	10385.4	11394.2	12570.5	13840.2	15022.4	15859.8	16361.3	16737.3
-10°	7682.8	8474.0	9364.0	10275.7	11272.5	12392.2	13642.4	14817.5	15619.0	16151.4	16589.7
-12.5°	7568.1	8342.9	9200.7	10075.3	11061.1	12166.9	13378.3	14490.7	15287.4	15868.2	16181.4
-15°	7398.2	8172.6	8992.6	9838.6	10799.4	11872.3	13029.4	14096.6	14879.0	15351.6	15697.7
-17.5°	7182.1	7941.9	8719.3	9521.7	10427.0	11483.5	12647.6	13700.2	14338.0	14760.1	15100.2
-20°	6950.6	7653.2	8389.8	9147.0	10024.3	11070.9	12214.2	13132.3	13733.4	14139.0	14460.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6686.2	7362.8	8037.0	8760.9	9621.2	10580.7	11590.6	12477.7	13124.0	13493.4	13790.3
-25°	6384.4	7042.5	7682.8	8381.9	9172.5	10035.1	10974.1	11845.9	12424.7	12817.1	13111.5
-27.5°	6059.3	6677.6	7303.1	7930.9	8641.7	9501.1	10370.7	11180.6	11674.7	12070.3	12366.3
-30°	5734.9	6291.0	6869.7	7464.0	8131.2	8906.0	9719.4	10400.5	10921.6	11305.9	11580.8
-32.5°	5383.2	5911.0	6423.7	6979.2	7607.3	8290.2	9004.0	9651.9	10208.8	10560.7	10792.3
-35°	5023.1	5534.0	6003.3	6507.5	7061.5	7650.8	8309.7	8948.7	9498.6	9777.1	10002.8
-37.5°	4648.0	5157.4	5602.3	6023.5	6500.8	7046.6	7688.3	8298.0	8773.0	9012.4	9215.9
-40°	4321.8	4770.3	5170.7	5573.8	5961.9	6446.5	7045.4	7635.7	8016.8	8250.1	8439.1
-42.5°	4005.2	4383.5	4711.4	5072.7	5461.1	5938.9	6422.1	6917.1	7223.4	7482.3	7681.5
-45°	3636.4	3974.6	4282.1	4582.6	4936.8	5372.9	5811.9	6208.3	6495.3	6745.6	6939.5
-47.5°	3228.5	3555.0	3853.6	4122.3	4451.5	4815.3	5184.9	5514.8	5798.1	6045.4	6218.4
-50°	2848.4	3140.1	3431.6	3703.6	3988.8	4283.1	4582.9	4872.5	5141.4	5381.7	5529.0
-52.5°	2507.8	2777.0	3031.8	3269.5	3519.2	3767.8	4016.1	4281.3	4528.8	4756.2	4873.8
-55°	2199.7	2442.4	2672.3	2872.6	3072.9	3270.1	3483.0	3727.8	3955.7	4166.4	4250.8
-57.5°	1923.2	2130.8	2334.3	2503.7	2667.2	2824.1	3010.9	3217.6	3417.0	3597.6	3666.6
-60°	1668.8	1833.6	2003.7	2154.0	2296.5	2431.0	2593.9	2760.4	2922.1	3058.2	3117.0
-62.5°	1434.8	1575.7	1704.6	1826.8	1947.5	2068.6	2200.1	2332.1	2462.7	2567.6	2620.7
-65°	1209.2	1321.4	1425.0	1525.4	1622.8	1724.6	1827.5	1927.8	2024.5	2099.5	2145.5
-67.5°	997.3	1082.7	1164.9	1243.1	1324.6	1407.1	1487.7	1564.5	1637.2	1695.1	1739.1
-70°	809.6	875.6	940.0	1004.7	1072.8	1136.9	1197.6	1255.1	1309.2	1350.9	1384.8
-72.5°	652.6	706.2	761.7	820.1	875.1	923.0	966.6	1008.6	1048.9	1072.5	1090.1
-75°	526.1	571.2	619.5	666.7	712.7	749.1	781.1	812.1	841.9	843.5	837.6
-77.5°	425.0	465.3	502.7	539.8	576.5	598.9	618.5	638.7	659.1	647.3	628.7
-80°	311.9	345.5	377.3	409.2	441.1	454.4	463.7	471.7	478.5	463.1	444.0
-82.5°	207.0	228.2	248.8	269.9	291.2	299.7	306.0	311.3	315.4	301.5	285.4
-85°	115.5	125.6	135.6	145.7	155.8	161.8	167.2	172.2	176.7	168.5	159.1
-87.5°	48.0	50.3	52.5	54.8	56.9	59.0	61.1	63.2	65.2	65.5	65.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	38.0
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°	2.0	0.3	0.0	0.0	0.0	0.3	2.0	3.3	4.3	4.8	4.8
62.5°	12.1	12.6	13.1	13.2	13.1	12.6	12.1	11.6	11.2	11.7	12.6
60°	23.3	20.4	19.7	19.8	19.7	20.4	23.3	25.3	26.2	38.4	45.0
57.5°	183.1	156.7	160.7	178.3	160.7	156.7	183.1	198.2	199.3	231.4	232.6
55°	855.7	955.2	990.4	971.0	990.4	955.2	855.7	750.3	649.9	618.8	619.1
52.5°	1159.4	1200.2	1216.0	1215.4	1216.0	1200.2	1159.4	1104.6	1035.4	967.1	900.1
50°	1509.3	1495.5	1474.3	1453.2	1474.3	1495.5	1509.3	1493.6	1441.6	1340.5	1178.5
47.5°	2518.9	2475.3	2456.9	2490.2	2456.9	2475.3	2518.9	2490.5	2296.7	2045.0	1859.5
45°	3347.3	3398.4	3436.6	3434.7	3436.6	3398.4	3347.3	3304.4	3094.0	2806.0	2510.2
42.5°	3819.0	3846.3	3854.2	3844.2	3854.2	3846.3	3819.0	3771.4	3528.2	3220.5	2881.6
40°	4239.4	4271.9	4290.1	4306.6	4290.1	4271.9	4239.4	4176.7	3977.5	3690.9	3372.2
37.5°	4859.1	4871.0	4845.1	4828.4	4845.1	4871.0	4859.1	4819.6	4699.9	4334.0	4075.0
35°	6378.5	6409.7	6337.6	6413.7	6337.6	6409.7	6378.5	6222.6	6037.7	5820.9	5231.2
32.5°	7835.7	7981.5	8099.5	8197.1	8099.5	7981.5	7835.7	7686.7	7561.7	7143.2	6372.2
30°	8661.1	8755.2	8805.8	8818.0	8805.8	8755.2	8661.1	8545.1	8379.0	7844.0	7131.1
27.5°	9267.2	9365.8	9427.2	9471.9	9427.2	9365.8	9267.2	9160.0	8966.0	8420.2	7720.4
25°	9851.3	9941.5	10002.8	10026.7	10002.8	9941.5	9851.3	9742.3	9504.4	9043.1	8353.8
22.5°	10457.4	10520.1	10579.0	10608.0	10579.0	10520.1	10457.4	10329.8	10071.9	9703.8	8973.5
20°	11326.3	11292.2	11346.0	11328.0	11346.0	11292.2	11326.3	11131.1	10859.5	10475.9	9770.7
17.5°	13097.0	13115.4	13151.3	13210.5	13151.3	13115.4	13097.0	12838.2	12506.3	12159.8	11178.7
15°	15323.9	15368.8	15596.5	15799.7	15596.5	15368.8	15323.9	15073.6	14508.5	14008.5	12889.1
12.5°	16289.9	16445.0	16469.0	16526.3	16469.0	16445.0	16289.9	15936.8	15556.3	14918.8	13903.0
10°	16612.3	16880.8	16875.0	16942.4	16875.0	16880.8	16612.3	16305.1	15994.6	15450.5	14387.2
7.5°	16856.8	17145.2	17267.1	17318.9	17267.1	17145.2	16856.8	16648.7	16342.1	15815.0	14727.7
5°	17155.5	17314.0	17524.4	17464.2	17524.4	17314.0	17155.5	16894.2	16506.5	15946.3	14954.9
2.5°	17280.7	17529.0	17471.7	17530.3	17471.7	17529.0	17280.7	16928.2	16571.6	16121.0	15253.6
0°	17365.1	17543.5	17569.9	17629.4	17569.9	17543.5	17365.1	17015.1	16651.8	16215.8	15337.3
-2.5°	17262.7	17419.7	17694.5	17609.5	17694.5	17419.7	17262.7	16941.5	16595.9	16156.0	15365.7
-5°	17172.9	17559.2	17409.2	17596.3	17409.2	17559.2	17172.9	16830.9	16487.3	16011.7	15185.0
-7.5°	17126.5	17195.6	17295.2	17437.8	17295.2	17195.6	17126.5	16737.3	16361.3	15859.8	15022.4
-10°	16768.1	16838.7	17021.6	17120.8	17021.6	16838.7	16768.1	16589.7	16151.4	15619.0	14817.5
-12.5°	16379.2	16516.0	16708.2	16770.7	16708.2	16516.0	16379.2	16181.4	15868.2	15287.4	14490.7
-15°	15931.3	16134.5	16321.8	16361.2	16321.8	16134.5	15931.3	15697.7	15351.6	14879.0	14096.6
-17.5°	15361.8	15605.4	15802.3	15845.9	15802.3	15605.4	15361.8	15100.2	14760.1	14338.0	13700.2
-20°	14734.2	14967.6	15135.0	15185.4	15135.0	14967.6	14734.2	14460.2	14139.0	13733.4	13132.3



REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14062.3	14272.5	14413.9	14392.8	14413.9	14272.5	14062.3	13790.3	13493.4	13124.0	12477.7
-25°	13349.0	13544.0	13678.8	13659.6	13678.8	13544.0	13349.0	13111.5	12817.1	12424.7	11845.9
-27.5°	12594.8	12779.6	12909.1	12913.2	12909.1	12779.6	12594.8	12366.3	12070.3	11674.7	11180.6
-30°	11802.4	11970.2	12075.4	12034.7	12075.4	11970.2	11802.4	11580.8	11305.9	10921.6	10400.5
-32.5°	10985.0	11136.8	11233.2	11261.9	11233.2	11136.8	10985.0	10792.3	10560.7	10208.8	9651.9
-35°	10178.8	10312.6	10395.9	10416.4	10395.9	10312.6	10178.8	10002.8	9777.1	9498.6	8948.7
-37.5°	9377.8	9492.9	9551.1	9524.7	9551.1	9492.9	9377.8	9215.9	9012.4	8773.0	8298.0
-40°	8586.2	8695.9	8762.5	8778.4	8762.5	8695.9	8586.2	8439.1	8250.1	8016.8	7635.7
-42.5°	7808.0	7899.1	7957.6	7985.7	7957.6	7899.1	7808.0	7681.5	7482.3	7223.4	6917.1
-45°	7052.7	7134.2	7189.0	7219.5	7189.0	7134.2	7052.7	6939.5	6745.6	6495.3	6208.3
-47.5°	6317.8	6389.3	6436.6	6459.9	6436.6	6389.3	6317.8	6218.4	6045.4	5798.1	5514.8
-50°	5615.1	5677.0	5721.1	5746.6	5721.1	5677.0	5615.1	5529.0	5381.7	5141.4	4872.5
-52.5°	4948.7	5002.7	5040.4	5059.6	5040.4	5002.7	4948.7	4873.8	4756.2	4528.8	4281.3
-55°	4312.3	4356.2	4391.0	4412.3	4391.0	4356.2	4312.3	4250.8	4166.4	3955.7	3727.8
-57.5°	3718.9	3754.7	3787.7	3811.2	3787.7	3754.7	3718.9	3666.6	3597.6	3417.0	3217.6
-60°	3163.5	3197.3	3225.4	3243.2	3225.4	3197.3	3163.5	3117.0	3058.2	2922.1	2760.4
-62.5°	2662.1	2692.1	2717.8	2734.6	2717.8	2692.1	2662.1	2620.7	2567.6	2462.7	2332.1
-65°	2181.7	2208.5	2227.7	2239.2	2227.7	2208.5	2181.7	2145.5	2099.5	2024.5	1927.8
-67.5°	1776.6	1807.5	1813.6	1809.8	1813.6	1807.5	1776.6	1739.1	1695.1	1637.2	1564.5
-70°	1415.1	1441.3	1447.4	1446.5	1447.4	1441.3	1415.1	1384.8	1350.9	1309.2	1255.1
-72.5°	1106.5	1120.7	1108.6	1089.9	1108.6	1120.7	1106.5	1090.1	1072.5	1048.9	1008.6
-75°	830.3	821.2	808.3	792.6	808.3	821.2	830.3	837.6	843.5	841.9	812.1
-77.5°	608.1	585.6	570.9	554.8	570.9	585.6	608.1	628.7	647.3	659.1	638.7
-80°	423.4	401.3	386.1	369.9	386.1	401.3	423.4	444.0	463.1	478.5	471.7
-82.5°	268.2	250.0	240.9	231.2	240.9	250.0	268.2	285.4	301.5	315.4	311.3
-85°	148.9	138.2	132.0	125.5	132.0	138.2	148.9	159.1	168.5	176.7	172.2
-87.5°	65.9	66.0	62.7	59.4	62.7	66.0	65.9	65.7	65.5	65.2	63.2
-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: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	36.3	34.7	33.0	31.4	29.7	28.1	26.4	24.8	23.1	21.5	19.8
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	0.2	0.2	0.0	0.0	0.6	0.8	0.3	0.0	0.7
67.5°	0.0	0.0	1.2	2.7	3.4	3.4	3.0	3.4	3.9	3.6	3.3
65°	4.0	2.5	1.6	3.2	4.9	6.6	7.0	6.1	6.0	6.9	8.2
62.5°	13.3	13.9	12.0	10.0	8.7	9.6	10.5	11.2	9.8	7.8	10.3
60°	39.8	24.2	35.3	37.8	30.1	26.0	39.1	37.1	19.3	16.7	15.0
57.5°	191.6	160.4	176.0	159.9	109.5	95.6	99.0	94.4	85.5	52.3	22.3
55°	660.5	566.0	444.6	384.1	370.0	283.0	211.0	176.1	159.7	115.3	76.4
52.5°	839.1	780.0	688.2	561.6	494.0	468.7	400.6	320.6	254.7	203.7	146.3
50°	1051.9	1067.7	973.4	798.3	729.0	654.1	588.0	495.3	411.8	330.3	243.8
47.5°	1716.1	1598.6	1504.0	1373.3	1125.0	966.6	862.5	710.7	596.2	497.5	390.8
45°	2288.2	2153.7	2061.2	1858.3	1594.5	1349.4	1185.7	995.4	792.9	660.9	564.0
42.5°	2694.5	2520.3	2368.5	2203.0	1951.0	1674.4	1449.9	1261.6	1048.6	834.7	705.8
40°	3092.0	2816.0	2665.5	2517.3	2279.8	1969.5	1794.6	1518.1	1295.7	1058.5	882.6
37.5°	3685.0	3215.6	3162.4	3019.8	2751.1	2428.4	2231.5	1958.8	1546.4	1322.7	1120.5
35°	4687.0	4203.5	3924.4	3784.5	3436.2	3024.9	2700.9	2446.2	2037.0	1596.6	1363.5
32.5°	5791.3	5179.4	4755.7	4556.2	4182.3	3624.3	3224.6	2900.5	2489.9	1991.6	1617.7
30°	6414.8	5856.8	5346.6	5005.3	4641.9	4162.3	3703.6	3246.1	2800.3	2387.9	1893.1
27.5°	6995.0	6299.3	5749.2	5364.2	5023.9	4562.7	4055.2	3564.8	3074.9	2667.5	2226.1
25°	7547.9	6776.8	6177.4	5725.2	5329.6	4964.5	4390.7	3854.9	3344.0	2893.7	2548.4
22.5°	8062.8	7347.1	6656.4	6065.2	5730.1	5338.1	4772.5	4123.5	3624.3	3245.6	2839.2
20°	8911.0	8109.8	7235.2	6723.7	6411.9	5806.4	5166.5	4524.7	4066.2	3632.6	3154.6
17.5°	10309.1	9309.4	8263.5	7715.8	7274.4	6531.8	5716.2	5079.5	4507.1	4023.8	3497.9
15°	11839.7	10552.7	9516.5	8809.1	8109.7	7239.8	6295.8	5608.0	4957.6	4413.8	3813.2
12.5°	12596.2	11370.9	10454.4	9457.2	8555.0	7766.9	6873.7	6115.2	5377.0	4668.5	4008.4
10°	13047.5	11830.0	10793.2	9797.9	8893.6	8135.2	7305.5	6407.1	5586.9	4837.1	4171.1
7.5°	13398.6	12144.2	11039.9	10049.1	9132.7	8332.8	7538.7	6596.8	5754.7	4973.3	4301.6
5°	13641.7	12389.0	11269.3	10267.5	9302.7	8474.4	7711.8	6740.4	5879.8	5076.7	4400.7
2.5°	13892.3	12579.0	11412.9	10408.6	9411.1	8564.3	7816.6	6850.1	5981.5	5153.5	4483.4
0°	13989.9	12688.6	11512.9	10482.5	9471.9	8600.0	7847.0	6922.3	6050.4	5198.3	4537.8
-2.5°	14052.8	12724.5	11552.1	10530.4	9552.3	8656.5	7881.2	7003.3	6072.2	5246.6	4553.0
-5°	13957.3	12682.2	11519.2	10490.8	9554.0	8660.9	7857.4	7015.2	6066.7	5259.5	4541.2
-7.5°	13840.2	12570.5	11394.2	10385.4	9485.1	8601.2	7786.3	6962.7	6045.9	5238.4	4518.8
-10°	13642.4	12392.2	11272.5	10275.7	9364.0	8474.0	7682.8	6863.1	5978.4	5178.5	4466.4
-12.5°	13378.3	12166.9	11061.1	10075.3	9200.7	8342.9	7568.1	6725.3	5863.2	5078.6	4383.3
-15°	13029.4	11872.3	10799.4	9838.6	8992.6	8172.6	7398.2	6573.0	5750.9	4955.5	4269.4
-17.5°	12647.6	11483.5	10427.0	9521.7	8719.3	7941.9	7182.1	6413.0	5621.4	4840.1	4166.8
-20°	12214.2	11070.9	10024.3	9147.0	8389.8	7653.2	6950.6	6233.9	5441.7	4707.3	4059.2



REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11590.6	10580.7	9621.2	8760.9	8037.0	7362.8	6686.2	5993.2	5208.7	4540.9	3912.5
-25°	10974.1	10035.1	9172.5	8381.9	7682.8	7042.5	6384.4	5697.5	5001.3	4345.5	3733.2
-27.5°	10370.7	9501.1	8641.7	7930.9	7303.1	6677.6	6059.3	5409.4	4768.5	4125.7	3564.8
-30°	9719.4	8906.0	8131.2	7464.0	6869.7	6291.0	5734.9	5128.1	4497.5	3887.5	3383.1
-32.5°	9004.0	8290.2	7607.3	6979.2	6423.7	5911.0	5383.2	4808.1	4184.9	3664.9	3172.7
-35°	8309.7	7650.8	7061.5	6507.5	6003.3	5534.0	5023.1	4447.2	3900.0	3412.0	2935.3
-37.5°	7688.3	7046.6	6500.8	6023.5	5602.3	5157.4	4648.0	4136.9	3622.5	3130.5	2714.5
-40°	7045.4	6446.5	5961.9	5573.8	5170.7	4770.3	4321.8	3846.7	3339.1	2858.5	2497.8
-42.5°	6422.1	5938.9	5461.1	5072.7	4711.4	4383.5	4005.2	3525.5	3059.0	2641.4	2294.9
-45°	5811.9	5372.9	4936.8	4582.6	4282.1	3974.6	3636.4	3200.4	2781.3	2422.9	2096.0
-47.5°	5184.9	4815.3	4451.5	4122.3	3853.6	3555.0	3228.5	2859.2	2515.8	2192.8	1903.2
-50°	4582.9	4283.1	3988.8	3703.6	3431.6	3140.1	2848.4	2550.3	2243.9	1962.3	1699.6
-52.5°	4016.1	3767.8	3519.2	3269.5	3031.8	2777.0	2507.8	2242.7	1973.2	1737.9	1503.3
-55°	3483.0	3270.1	3072.9	2872.6	2672.3	2442.4	2199.7	1960.9	1745.8	1529.7	1338.4
-57.5°	3010.9	2824.1	2667.2	2503.7	2334.3	2130.8	1923.2	1721.3	1542.9	1364.0	1186.9
-60°	2593.9	2431.0	2296.5	2154.0	2003.7	1833.6	1668.8	1508.9	1354.7	1208.7	1056.2
-62.5°	2200.1	2068.6	1947.5	1826.8	1704.6	1575.7	1434.8	1305.8	1186.3	1063.3	925.4
-65°	1827.5	1724.6	1622.8	1525.4	1425.0	1321.4	1209.2	1107.1	1009.5	909.7	790.5
-67.5°	1487.7	1407.1	1324.6	1243.1	1164.9	1082.7	997.3	912.2	832.7	751.3	654.5
-70°	1197.6	1136.9	1072.8	1004.7	940.0	875.6	809.6	740.8	668.0	601.5	535.3
-72.5°	966.6	923.0	875.1	820.1	761.7	706.2	652.6	598.9	543.6	486.8	429.0
-75°	781.1	749.1	712.7	666.7	619.5	571.2	526.1	479.9	429.4	374.3	320.5
-77.5°	618.5	598.9	576.5	539.8	502.7	465.3	425.0	374.6	323.2	272.3	228.0
-80°	463.7	454.4	441.1	409.2	377.3	345.5	311.9	267.9	224.2	183.1	150.2
-82.5°	306.0	299.7	291.2	269.9	248.8	228.2	207.0	176.4	147.2	119.5	95.1
-85°	167.2	161.8	155.8	145.7	135.6	125.6	115.5	98.7	82.8	68.0	54.8
-87.5°	61.1	59.0	56.9	54.8	52.5	50.3	48.0	43.0	38.2	33.6	29.1
-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: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	18.2	16.5	14.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	3.5
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	1.1	2.0
82.5°	0.0	0.0	0.0	0.1	1.1	1.7	1.9	1.7	1.0	0.2	0.5
80°	0.0	0.0	0.0	0.2	1.6	3.5	4.4	4.5	3.5	2.4	1.3
77.5°	0.0	0.0	0.0	0.1	0.7	1.9	3.8	6.0	5.9	4.6	3.3
75°	0.0	0.0	0.0	0.3	0.4	0.1	1.4	3.5	5.4	6.5	5.2
72.5°	0.0	0.0	0.0	0.8	1.8	1.9	1.1	1.1	3.8	5.6	6.5
70°	1.0	0.4	0.0	1.1	2.7	4.0	3.7	3.0	2.5	4.8	6.2
67.5°	3.1	3.3	2.5	1.9	3.0	4.6	6.1	5.9	5.1	4.3	6.1
65°	7.7	7.1	6.5	5.8	4.9	4.9	6.4	8.1	7.7	6.6	6.0
62.5°	11.5	11.5	10.6	9.6	8.6	7.4	6.9	9.1	10.0	8.9	7.5
60°	14.8	15.5	14.8	13.5	12.2	10.8	9.8	10.3	11.5	11.1	9.4
57.5°	20.5	20.0	19.7	17.8	15.8	14.1	13.2	12.9	13.2	13.1	11.4
55°	36.2	25.2	25.4	23.4	20.2	17.4	16.7	16.0	15.3	15.1	13.4
52.5°	91.8	50.9	32.7	30.2	26.2	21.5	20.1	19.2	18.2	17.2	15.3
50°	169.4	109.7	62.1	38.9	33.2	28.3	23.5	22.3	21.0	19.6	17.2
47.5°	271.2	188.6	122.5	61.4	42.9	35.4	29.4	25.4	23.7	22.0	19.0
45°	417.7	277.9	192.6	121.7	57.1	48.8	36.3	28.4	26.5	24.3	20.8
42.5°	581.1	407.7	270.3	183.8	109.1	67.6	43.5	34.5	29.2	26.8	22.8
40°	741.4	563.4	363.1	253.5	164.6	90.6	62.6	41.2	32.0	29.4	25.1
37.5°	918.8	728.2	508.6	327.8	221.2	138.3	85.8	48.0	36.3	32.2	27.4
35°	1138.2	910.9	654.2	436.8	293.0	182.6	111.6	61.0	44.7	35.1	29.8
32.5°	1357.2	1093.4	811.6	563.4	368.0	223.4	145.1	87.1	54.4	38.1	32.3
30°	1577.7	1260.5	959.8	680.7	454.3	288.9	181.3	112.5	65.6	41.2	34.8
27.5°	1776.3	1418.2	1098.5	803.1	555.5	358.0	219.1	137.1	77.9	46.7	37.3
25°	2000.5	1588.7	1235.1	920.3	648.1	430.1	257.9	161.2	96.0	56.3	39.9
22.5°	2289.0	1763.8	1361.6	1026.4	739.7	499.1	307.8	193.0	115.9	66.3	42.5
20°	2575.9	1934.9	1485.6	1159.5	839.4	576.7	365.5	224.6	134.7	76.8	45.1
17.5°	2857.4	2154.2	1665.9	1295.3	946.1	649.2	419.4	255.6	152.5	87.4	47.7
15°	3109.9	2405.3	1843.2	1423.8	1050.5	716.3	469.2	285.8	169.2	98.1	51.0
12.5°	3321.8	2621.9	2010.1	1544.1	1151.1	777.7	514.8	314.7	184.6	110.0	55.6
10°	3497.0	2805.0	2164.9	1655.2	1246.2	832.8	555.8	343.7	202.6	122.6	60.4
7.5°	3636.9	2956.3	2305.7	1756.1	1332.4	884.3	599.9	374.1	220.1	134.6	65.3
5°	3742.2	3074.4	2414.5	1828.4	1401.0	931.8	640.7	402.2	236.3	145.8	70.2
2.5°	3810.5	3161.2	2495.2	1885.1	1456.8	971.6	676.4	427.4	251.0	156.0	74.9
0°	3850.8	3223.4	2556.2	1928.7	1499.4	1004.0	706.8	449.2	264.2	165.1	79.3
-2.5°	3886.8	3264.1	2609.5	2004.7	1528.6	1057.0	726.2	468.9	285.1	171.7	87.4
-5°	3898.7	3282.1	2644.4	2063.3	1546.3	1100.0	739.8	484.9	303.3	177.0	94.7
-7.5°	3878.7	3271.3	2656.7	2096.5	1554.6	1130.3	747.8	497.5	318.3	181.1	101.2
-10°	3834.0	3235.9	2640.5	2086.5	1565.8	1139.8	752.3	506.8	329.1	184.2	106.5
-12.5°	3767.7	3182.4	2605.8	2064.3	1563.8	1133.7	764.8	514.0	334.7	186.3	110.5
-15°	3681.0	3112.4	2552.7	2031.6	1545.1	1120.1	767.9	516.6	334.1	190.1	112.9
-17.5°	3578.8	3027.6	2481.6	1989.9	1508.5	1099.6	761.0	513.4	330.8	195.8	115.3
-20°	3476.5	2933.3	2397.2	1940.7	1453.2	1072.9	743.3	504.0	324.7	199.5	117.7

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Scaled Data Report



REPORT NUMBER: P627660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3356.6	2825.1	2324.3	1871.9	1393.4	1040.7	714.3	488.0	316.0	201.1	118.7
-25°	3218.9	2698.7	2236.7	1777.4	1346.3	1004.4	684.4	465.1	304.8	200.5	118.4
-27.5°	3063.1	2563.8	2133.5	1673.9	1297.3	953.6	656.1	448.4	295.2	197.7	116.6
-30°	2889.4	2436.6	2010.1	1574.4	1237.5	898.7	619.0	429.6	291.0	194.0	113.3
-32.5°	2702.1	2293.5	1877.4	1498.5	1169.4	841.7	586.2	408.5	283.7	189.3	113.5
-35°	2526.4	2137.8	1742.0	1411.0	1097.2	808.0	564.4	384.9	273.4	182.7	114.1
-37.5°	2338.3	1974.4	1634.8	1319.7	1021.3	769.2	546.6	374.4	260.2	174.3	113.7
-40°	2157.3	1819.5	1510.7	1232.7	965.0	725.6	518.7	362.7	247.5	164.0	112.2
-42.5°	1974.2	1673.9	1392.0	1138.0	912.0	683.4	483.0	344.7	237.2	158.1	109.6
-45°	1805.5	1523.6	1265.8	1055.5	853.0	629.4	455.5	322.1	224.6	153.8	107.2
-47.5°	1628.2	1370.5	1150.4	965.1	775.9	570.7	420.6	304.3	209.4	148.3	105.7
-50°	1445.4	1225.5	1042.4	865.8	681.6	521.7	383.2	283.1	204.0	143.9	103.1
-52.5°	1285.3	1098.0	932.0	763.7	610.3	464.4	354.9	260.3	196.8	140.2	99.5
-55°	1147.4	976.9	823.3	680.0	542.5	422.2	322.8	249.4	187.9	135.6	95.0
-57.5°	1025.6	864.7	734.1	605.3	485.9	381.6	300.2	236.6	178.5	129.3	91.0
-60°	907.1	775.0	653.0	538.2	433.0	346.5	282.6	221.8	167.4	121.2	86.5
-62.5°	797.6	681.3	575.1	471.4	385.7	318.0	262.4	204.5	154.2	111.1	80.6
-65°	682.8	583.7	493.9	412.5	342.7	284.6	236.3	184.9	136.8	99.0	73.0
-67.5°	563.4	490.7	420.6	352.7	295.7	247.0	206.3	158.9	116.5	84.9	64.1
-70°	469.2	405.2	345.8	292.6	246.1	206.3	168.6	128.4	93.9	72.7	54.6
-72.5°	373.5	321.3	272.7	230.3	197.1	163.4	129.1	98.3	77.9	60.0	44.6
-75°	276.4	241.1	209.5	180.0	150.1	120.6	98.4	78.1	61.3	46.7	37.6
-77.5°	200.6	175.1	151.8	133.1	112.6	92.9	74.3	57.3	46.4	38.7	31.6
-80°	136.3	122.9	110.0	97.0	80.4	64.8	53.6	44.1	37.4	31.2	25.5
-82.5°	85.9	78.7	72.3	65.7	56.1	47.4	39.8	33.2	28.2	23.5	20.7
-85°	50.9	47.1	43.4	39.7	34.3	29.6	27.4	25.3	23.1	21.0	18.8
-87.5°	28.7	28.3	27.8	27.4	26.0	24.7	23.6	22.6	20.7	18.7	16.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.3	4.9

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CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	13.2	11.6	9.9	8.2	6.6	6.6	6.6
87.5°	4.9	5.5	6.0	6.4	6.6	6.6	6.6
85°	3.2	4.5	5.5	6.2	6.6	6.6	6.6
82.5°	1.6	3.4	4.9	6.0	6.6	6.6	6.6
80°	0.3	2.4	4.4	5.8	6.6	6.6	6.6
77.5°	2.0	2.2	3.9	5.6	6.6	6.6	6.6
75°	3.7	3.3	3.6	5.5	6.6	6.6	6.6
72.5°	5.3	4.3	4.2	5.3	6.6	6.6	6.6
70°	6.6	5.3	4.7	5.3	6.6	6.6	6.6
67.5°	6.8	6.2	5.3	5.5	6.6	6.6	6.6
65°	7.1	6.8	5.7	5.7	6.6	6.6	6.6
62.5°	7.4	7.4	6.2	5.9	6.6	6.6	6.6
60°	7.8	7.9	6.6	6.1	6.6	6.6	6.6
57.5°	9.4	8.6	7.2	6.3	6.7	6.6	6.6
55°	11.1	9.2	7.9	6.4	6.8	6.6	6.6
52.5°	12.7	10.1	8.6	6.5	6.9	6.6	6.6
50°	14.3	11.5	9.3	6.6	7.0	6.6	6.6
47.5°	15.9	12.8	10.1	6.7	7.2	6.6	6.6
45°	17.5	14.1	10.9	7.4	7.4	6.6	6.6
42.5°	19.0	15.3	11.7	8.0	7.6	6.6	6.6
40°	20.4	16.5	12.6	8.8	7.8	6.6	6.6
37.5°	21.9	17.7	13.6	9.6	8.1	6.6	6.6
35°	23.2	18.9	14.5	10.5	8.4	6.6	6.6
32.5°	24.8	20.0	15.4	11.3	8.7	6.6	6.6
30°	26.7	21.0	16.2	12.2	9.0	6.6	6.6
27.5°	28.7	22.1	17.2	13.0	9.3	6.6	6.6
25°	30.7	23.0	18.3	13.7	9.7	6.6	6.6
22.5°	32.6	24.1	19.3	14.5	10.0	6.6	6.6
20°	34.5	25.3	20.2	15.2	10.4	6.6	6.6
17.5°	36.4	26.4	21.2	15.9	10.8	6.6	6.6
15°	38.2	27.5	22.0	16.5	11.2	6.6	6.6
12.5°	39.9	28.6	22.9	17.2	11.5	6.6	6.6
10°	41.5	29.6	23.7	17.8	11.9	6.6	6.6
7.5°	42.9	30.5	24.4	18.3	12.2	6.6	6.6
5°	44.1	31.4	25.1	18.9	12.6	6.6	6.6
2.5°	45.2	32.2	25.8	19.3	12.9	6.6	6.6
0°	46.2	33.0	26.4	19.8	13.2	6.6	6.6
-2.5°	48.8	33.7	27.0	19.8	13.2	6.6	6.6
-5°	51.1	34.3	27.4	19.7	13.1	6.6	6.6
-7.5°	53.2	34.9	27.9	19.6	13.1	6.6	6.6
-10°	54.9	35.4	28.2	19.5	13.0	6.6	6.6
-12.5°	56.2	35.8	28.4	19.3	12.9	6.6	6.6
-15°	57.0	36.2	28.5	19.1	12.7	6.6	6.6
-17.5°	57.3	36.5	28.4	18.9	12.6	6.6	6.6
-20°	58.8	36.7	28.2	18.6	12.4	6.6	6.6

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CATALOG NUMBER: GFLD-SA5C-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.5	36.9	27.9	18.3	12.2	6.6	6.6
-25°	65.6	39.3	27.4	17.9	12.0	6.6	6.6
-27.5°	68.0	42.4	26.7	17.6	11.7	6.6	6.6
-30°	69.7	45.0	26.1	17.1	11.4	6.6	6.6
-32.5°	70.6	47.2	27.0	16.7	11.1	6.6	6.6
-35°	72.5	48.9	27.8	16.2	10.8	6.6	6.6
-37.5°	74.4	50.0	28.2	15.7	10.5	6.6	6.6
-40°	75.6	50.4	28.4	15.1	10.1	6.6	6.6
-42.5°	76.0	50.4	28.6	14.8	9.7	6.6	6.6
-45°	75.6	50.1	28.8	14.9	9.3	6.6	6.6
-47.5°	74.5	49.3	28.6	14.8	8.9	6.6	6.6
-50°	72.9	48.2	28.0	14.6	8.5	6.6	6.6
-52.5°	70.9	46.7	27.2	14.3	8.0	6.6	6.6
-55°	68.4	44.8	26.0	14.0	7.6	6.6	6.6
-57.5°	65.3	42.3	24.6	13.5	7.1	6.6	6.6
-60°	61.7	39.4	22.8	12.9	6.6	6.6	6.6
-62.5°	56.8	36.1	21.6	12.2	6.6	6.6	6.6
-65°	51.1	32.3	20.2	11.4	6.6	6.6	6.6
-67.5°	45.0	29.0	18.6	10.5	6.6	6.6	6.6
-70°	38.3	26.4	16.9	9.5	6.6	6.6	6.6
-72.5°	33.8	23.5	15.1	9.3	6.6	6.6	6.6
-75°	29.4	20.5	13.1	9.2	6.6	6.6	6.6
-77.5°	24.9	17.3	12.5	9.1	6.6	6.6	6.6
-80°	20.1	15.6	12.0	9.0	6.6	6.6	6.6
-82.5°	18.2	14.6	11.5	8.8	6.6	6.6	6.6
-85°	16.6	13.6	11.0	8.7	6.6	6.6	6.6
-87.5°	14.9	12.6	10.5	8.5	6.6	6.6	6.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6

(END OF REPORT)