

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: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3C-940-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

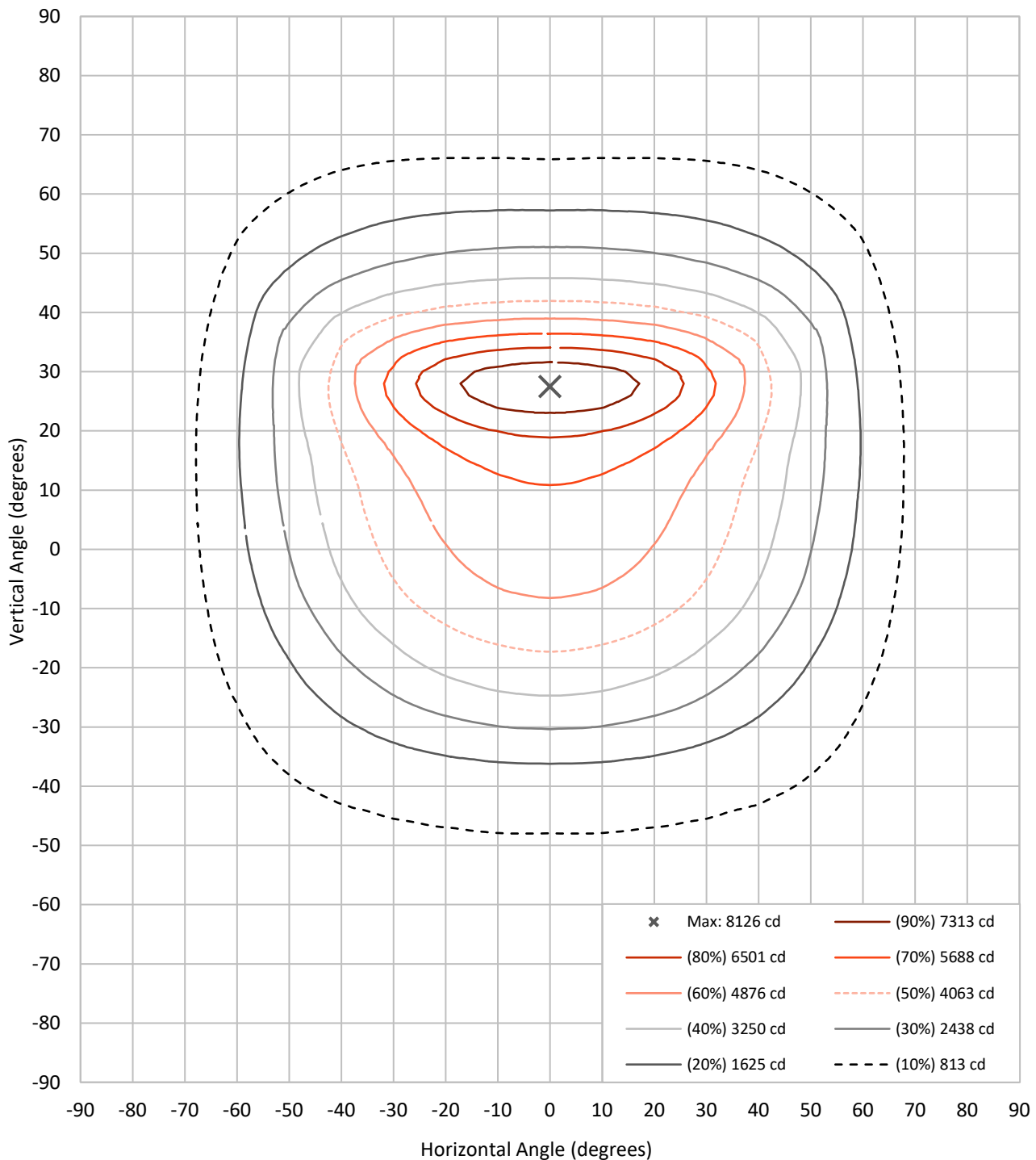
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11846.2 lumens	Max Intensity:	8126 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	6144 lumens	Field Lumens:	10958.8 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	119		
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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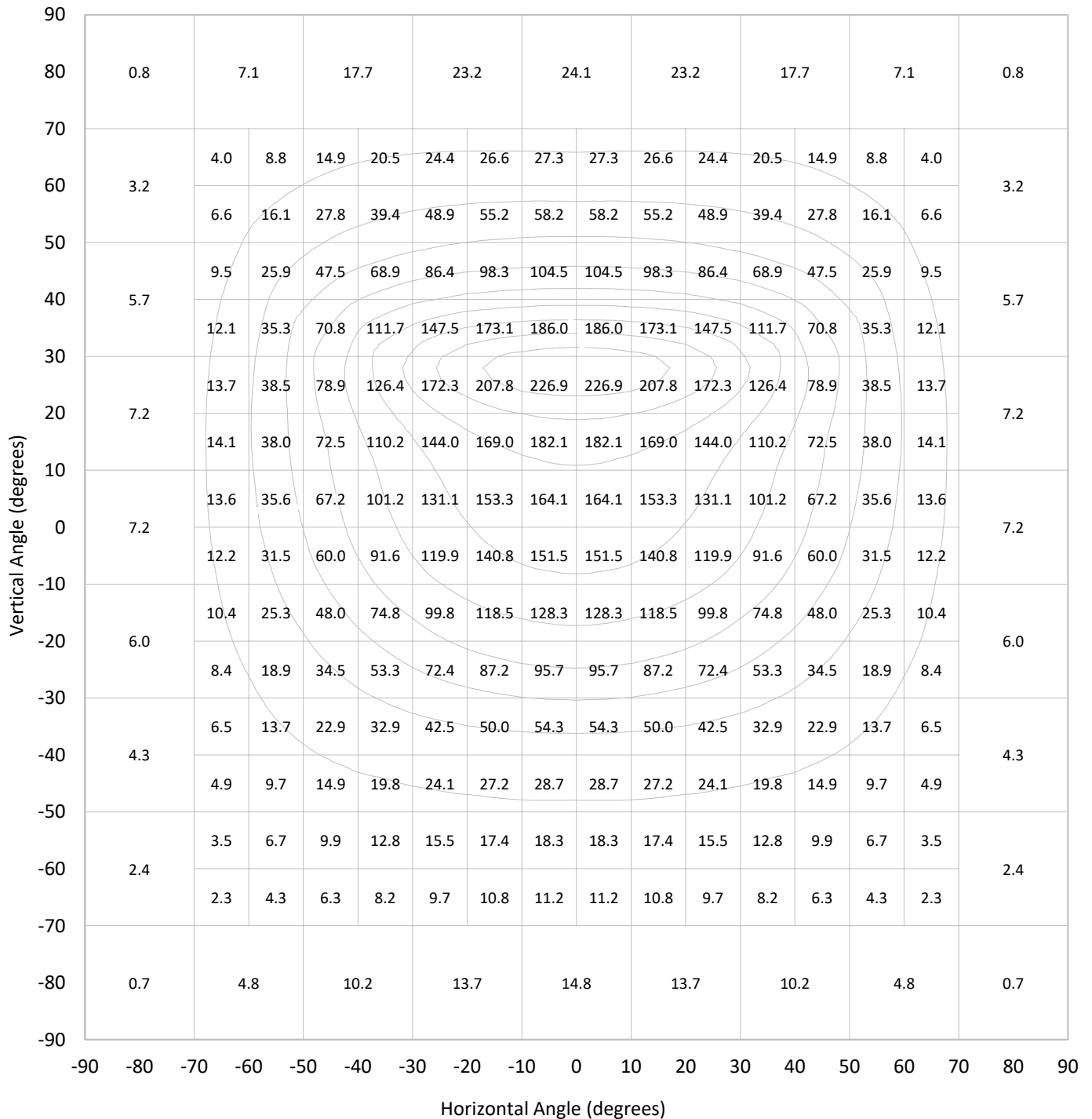
### Iso-Candela Plot





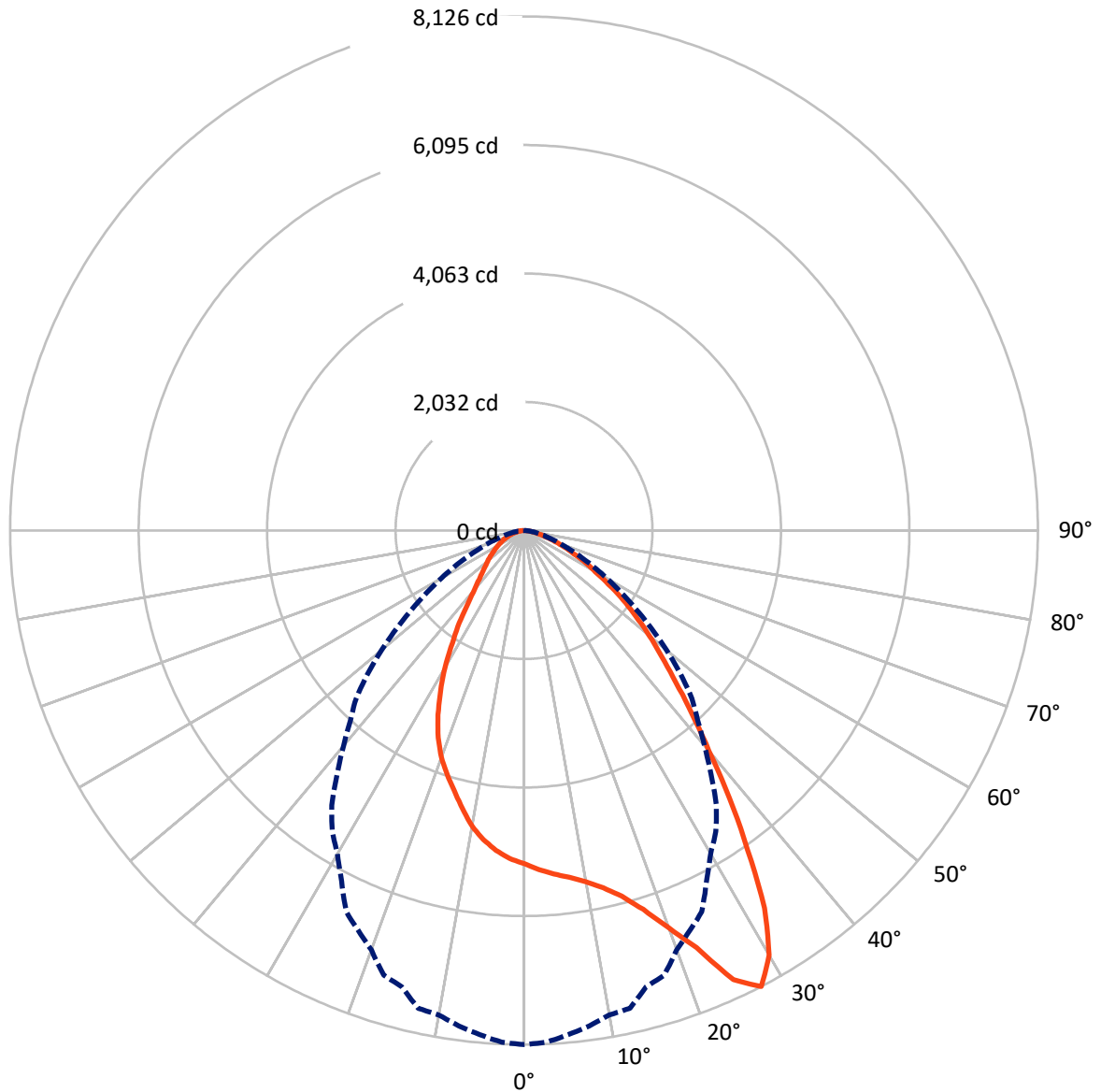
REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-940-U-WAF-XX

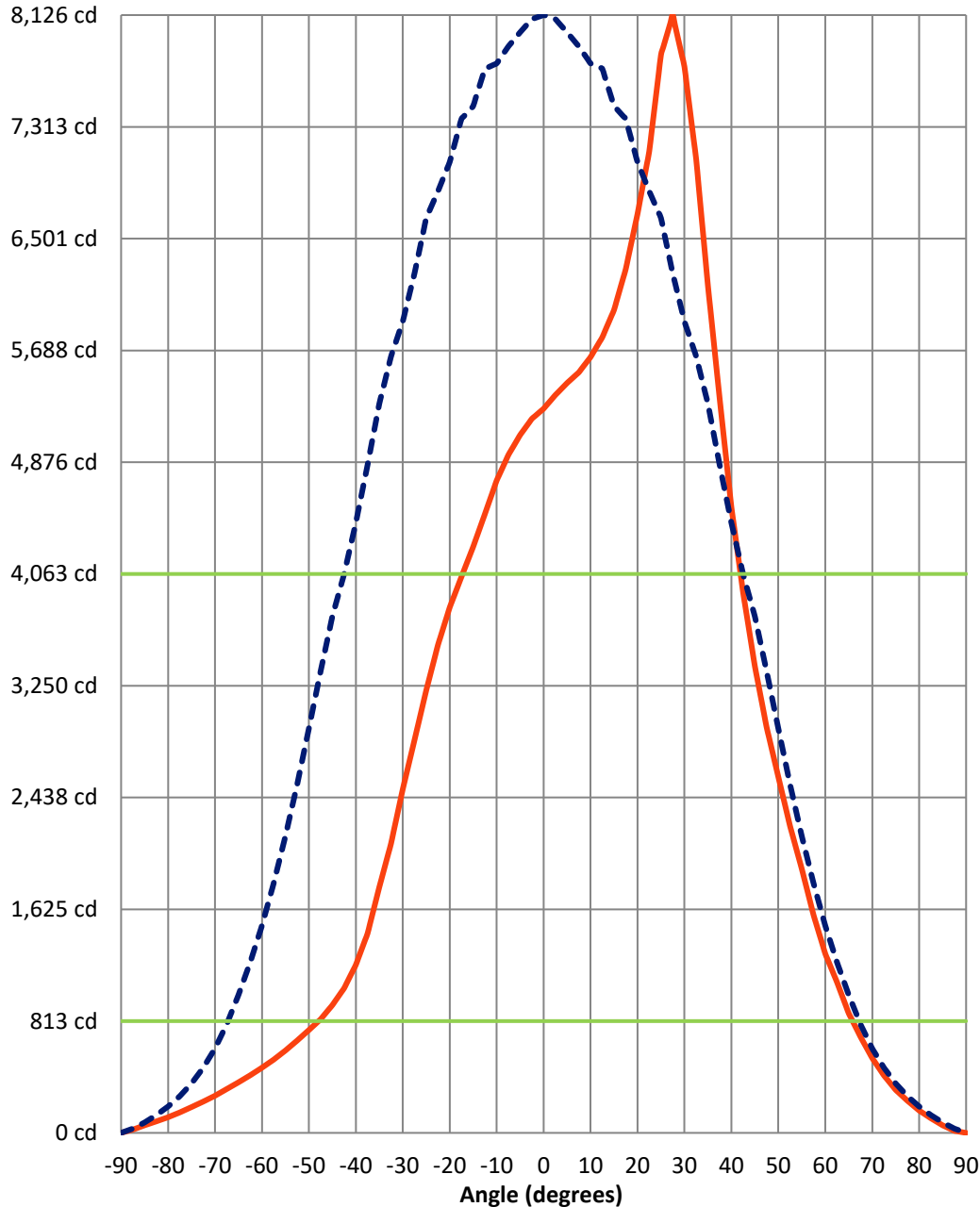
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 6144  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 10958.8  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 887.4  
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 27.5-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.2	4.7	6.2	7.6	9.1	10.4	11.7	13.0	14.2
85°	0.0	3.1	6.3	9.4	12.4	15.3	18.1	20.8	23.5	26.0	28.5
82.5°	0.0	4.6	9.4	14.0	18.5	22.9	27.1	31.2	35.9	43.7	51.9
80°	0.0	6.2	12.6	18.7	24.6	30.4	36.9	47.1	57.8	69.0	80.6
77.5°	0.0	7.7	15.6	23.3	30.7	39.7	52.4	65.7	79.6	94.0	110.8
75°	0.0	9.2	18.7	27.8	37.4	52.0	67.7	84.0	101.6	123.8	146.5
72.5°	0.0	10.7	21.7	32.3	46.8	64.2	82.7	103.4	128.8	154.9	181.7
70°	0.0	12.2	24.7	37.2	56.1	76.1	98.0	126.5	155.6	185.7	220.8
67.5°	0.0	13.6	27.6	43.8	65.1	87.8	116.8	149.0	182.0	221.0	260.2
65°	0.0	15.0	30.5	50.3	74.0	100.8	135.0	171.1	212.4	255.5	301.1
62.5°	0.0	16.4	33.3	56.6	82.7	115.0	152.6	195.7	242.2	290.4	346.1
60°	0.0	17.8	36.0	62.8	91.0	128.7	169.6	220.8	271.2	328.9	389.7
57.5°	0.0	19.1	39.9	68.7	101.1	141.8	188.8	245.0	302.7	366.0	439.5
55°	0.0	20.4	43.6	74.4	110.9	154.4	207.5	267.5	333.8	403.5	490.4
52.5°	0.0	21.6	47.3	80.0	120.2	166.7	225.1	291.4	363.5	445.5	538.4
50°	0.0	22.8	50.8	85.3	129.1	180.2	241.7	314.1	393.5	485.0	595.9
47.5°	0.0	23.9	54.2	90.6	137.5	192.9	257.6	335.2	425.6	521.7	650.7
45°	0.0	25.0	57.4	96.5	145.5	204.8	274.1	354.7	453.5	566.2	701.1
42.5°	0.0	26.1	60.5	102.1	152.9	215.8	289.3	375.2	479.1	607.1	757.8
40°	0.0	27.1	63.4	107.4	160.4	225.9	303.2	395.6	504.9	643.9	811.0
37.5°	0.0	28.1	66.2	112.5	167.9	235.0	315.8	414.2	532.8	677.6	858.5
35°	0.0	28.9	68.8	117.2	174.8	244.2	326.9	430.9	557.4	713.4	903.4
32.5°	0.0	29.8	71.3	121.5	181.0	252.8	337.7	445.7	578.7	744.0	943.3
30°	0.0	30.6	73.5	125.6	186.5	260.3	349.2	459.4	596.5	769.5	976.5
27.5°	0.0	31.3	75.6	129.2	191.7	266.8	359.2	473.7	613.2	789.8	1002.8
25°	0.0	31.9	77.5	132.6	196.4	272.3	367.6	485.3	629.4	808.5	1022.6
22.5°	0.0	32.5	79.3	135.6	200.4	277.1	374.4	494.3	641.5	823.6	1039.5
20°	0.0	33.1	80.8	138.2	203.7	281.8	379.8	500.8	649.8	833.4	1050.4
17.5°	0.0	33.6	82.2	140.4	206.4	285.7	384.6	504.9	654.4	838.0	1055.4
15°	0.0	34.0	83.3	142.3	208.4	288.8	388.5	507.8	655.3	837.7	1054.7
12.5°	0.0	34.3	84.3	143.9	209.9	291.0	390.8	509.9	655.3	832.7	1048.5
10°	0.0	34.6	85.1	145.1	210.8	292.5	391.8	510.0	654.2	830.2	1038.9
7.5°	0.0	34.8	85.6	145.9	211.1	293.1	391.3	508.3	650.3	824.9	1028.3
5°	0.0	34.9	86.0	146.3	210.8	292.8	389.6	504.7	643.8	816.2	1012.5
2.5°	0.0	35.0	86.2	146.4	210.0	291.8	386.6	499.4	634.9	804.0	992.1
0°	0.0	35.0	86.2	146.2	208.7	290.0	382.5	492.5	623.7	788.7	967.5
-2.5°	0.0	35.0	86.0	145.5	207.7	287.3	378.1	485.2	612.7	771.7	942.7
-5°	0.0	35.0	85.6	144.5	206.2	283.8	372.7	476.6	599.7	752.0	914.7
-7.5°	0.0	34.9	85.0	143.2	204.3	279.6	366.3	466.6	585.0	729.9	883.9
-10°	0.0	34.8	84.2	141.5	201.8	274.8	358.9	455.4	568.6	705.6	850.6
-12.5°	0.0	34.6	83.3	139.6	199.0	269.3	350.7	443.1	550.7	679.7	818.0
-15°	0.0	34.3	82.2	137.3	195.6	263.4	341.6	429.8	532.4	654.2	784.7
-17.5°	0.0	33.9	80.9	134.7	191.9	256.9	331.7	416.5	514.1	627.3	749.7
-20°	0.0	33.5	79.4	131.9	187.7	250.0	321.4	403.0	494.8	599.2	713.2



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 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	33.0	77.8	128.8	183.1	242.7	311.2	388.6	474.6	570.1	675.7
-25°	0.0	32.4	76.0	125.4	178.0	235.4	300.3	373.3	453.8	540.4	637.2
-27.5°	0.0	31.8	74.1	121.7	172.6	227.7	288.9	357.2	432.3	511.5	600.7
-30°	0.0	31.1	72.0	117.8	166.8	219.6	277.0	340.4	411.6	485.1	564.3
-32.5°	0.0	30.4	69.8	113.7	160.9	211.0	264.6	324.7	390.9	458.7	528.1
-35°	0.0	29.5	67.5	109.4	154.6	202.0	253.0	309.1	369.6	432.3	492.3
-37.5°	0.0	28.7	65.0	104.8	148.0	193.0	241.5	293.3	347.8	406.0	462.6
-40°	0.0	27.7	62.5	100.1	141.1	184.2	229.6	277.2	325.5	380.3	434.6
-42.5°	0.0	26.7	59.8	95.2	134.2	175.2	217.4	260.9	305.4	355.5	406.0
-45°	0.0	25.7	57.0	90.1	127.4	165.9	204.7	245.1	286.6	330.6	377.3
-47.5°	0.0	24.6	54.1	84.8	120.4	156.4	191.7	230.0	267.7	305.8	349.8
-50°	0.0	23.4	51.1	80.1	113.1	146.6	179.8	214.6	249.1	285.0	322.5
-52.5°	0.0	22.2	48.0	75.4	105.6	136.6	168.0	198.8	231.1	263.7	295.6
-55°	0.0	20.9	44.8	70.6	97.9	126.9	155.9	183.1	213.1	242.1	271.9
-57.5°	0.0	19.6	41.5	65.7	90.0	117.1	143.7	169.1	194.8	221.5	247.8
-60°	0.0	18.3	38.2	60.7	82.0	107.1	131.3	154.9	176.8	200.9	224.1
-62.5°	0.0	16.9	35.3	55.5	75.2	96.9	119.2	140.6	160.6	180.1	201.3
-65°	0.0	15.5	32.4	50.3	68.3	86.6	107.0	126.1	144.2	161.4	178.5
-67.5°	0.0	14.0	29.4	44.9	61.2	77.0	94.5	111.9	127.6	143.1	157.6
-70°	0.0	12.6	26.3	39.5	54.1	68.1	81.9	97.5	111.7	124.6	137.5
-72.5°	0.0	11.1	23.1	34.6	46.8	59.2	71.1	83.1	95.8	107.3	117.6
-75°	0.0	9.5	19.9	29.8	39.5	50.1	60.4	70.3	79.8	90.0	99.2
-77.5°	0.0	8.0	16.7	24.9	32.8	41.0	49.7	58.0	66.0	73.4	80.8
-80°	0.0	6.4	13.4	20.0	26.3	32.6	38.8	45.7	52.2	58.3	64.0
-82.5°	0.0	4.8	10.1	15.0	19.8	24.5	29.1	33.7	38.5	43.3	47.8
-85°	0.0	3.2	6.7	10.0	13.2	16.3	19.4	22.5	25.6	28.7	31.7
-87.5°	0.0	1.6	3.4	5.0	6.6	8.2	9.7	11.3	12.8	14.3	15.8
-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: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-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°	15.0	15.6	16.1	16.5	17.1	17.6	18.1	18.5	18.9	19.1	19.3
85°	30.0	31.2	34.9	38.4	42.1	45.5	48.4	51.1	53.2	54.9	56.3
82.5°	58.6	64.9	70.8	76.4	81.5	86.1	90.4	95.5	99.5	102.9	105.7
80°	89.9	98.5	108.9	118.6	127.4	135.5	142.8	149.4	154.6	159.7	164.7
77.5°	126.4	140.3	153.2	165.1	176.5	190.0	202.4	213.8	222.5	229.2	234.3
75°	165.7	182.1	200.9	219.5	237.0	253.1	268.7	287.8	303.3	315.0	324.3
72.5°	207.6	231.2	254.2	276.5	302.2	327.1	351.3	374.8	395.3	410.4	422.7
70°	252.8	280.2	312.0	344.1	375.0	406.4	439.8	470.2	495.4	513.2	530.1
67.5°	299.0	337.5	375.1	413.8	457.6	497.4	533.9	572.4	606.4	628.7	648.2
65°	352.2	395.4	445.6	496.9	544.9	594.7	640.8	682.6	725.4	756.5	782.1
62.5°	403.7	464.4	523.6	583.6	644.0	698.1	758.4	812.1	855.1	899.7	937.8
60°	464.8	536.9	609.5	681.8	749.4	825.5	891.5	954.0	1011.5	1061.2	1108.1
57.5°	525.8	618.8	704.7	789.6	879.0	960.4	1038.0	1108.0	1176.8	1234.3	1290.5
55°	590.0	709.7	808.8	913.6	1012.0	1103.9	1191.2	1278.8	1352.1	1431.2	1500.1
52.5°	661.2	797.9	926.0	1041.4	1152.3	1258.4	1362.7	1468.1	1571.0	1653.1	1730.9
50°	727.7	890.7	1044.8	1176.5	1304.0	1429.8	1560.2	1691.9	1805.4	1899.3	1980.3
47.5°	801.0	976.9	1172.7	1318.4	1471.3	1627.3	1785.5	1931.1	2054.7	2182.4	2271.9
45°	872.3	1064.1	1276.6	1478.7	1655.6	1844.5	2018.9	2179.4	2358.6	2498.1	2617.6
42.5°	937.5	1146.8	1383.2	1640.5	1861.7	2064.5	2253.2	2479.1	2684.9	2847.9	2997.1
40°	1004.5	1222.0	1480.2	1790.8	2067.2	2283.7	2513.3	2763.0	3030.9	3231.5	3409.8
37.5°	1065.8	1298.9	1568.9	1905.4	2269.6	2507.5	2761.5	3032.3	3337.8	3639.5	3853.8
35°	1120.0	1364.0	1656.9	1998.7	2371.6	2724.5	2993.1	3281.5	3615.8	4007.3	4300.0
32.5°	1169.2	1417.2	1726.7	2071.5	2449.7	2863.5	3204.3	3500.5	3835.8	4239.8	4736.9
30°	1209.3	1468.7	1778.8	2124.1	2503.4	2915.5	3348.4	3671.0	3989.3	4385.7	4848.4
27.5°	1239.7	1506.5	1814.6	2156.9	2532.2	2939.7	3356.0	3754.0	4062.2	4435.2	4855.9
25°	1263.1	1537.4	1833.6	2169.1	2536.4	2929.1	3329.7	3706.4	4052.3	4381.1	4758.7
22.5°	1282.4	1558.7	1854.4	2160.9	2517.2	2891.4	3268.2	3627.3	3962.1	4269.9	4594.7
20°	1296.9	1572.4	1864.9	2169.0	2485.1	2830.2	3190.5	3532.2	3855.6	4153.7	4418.0
17.5°	1303.4	1576.4	1864.9	2167.5	2479.7	2781.5	3095.2	3423.8	3741.6	4037.8	4299.0
15°	1302.3	1571.1	1854.6	2155.9	2463.5	2762.5	3051.5	3322.5	3618.5	3918.0	4178.1
12.5°	1293.6	1556.9	1834.4	2134.3	2437.1	2732.5	3016.3	3288.4	3553.8	3804.6	4053.4
10°	1277.9	1534.2	1804.8	2102.8	2400.5	2691.6	2971.7	3244.7	3507.4	3753.6	3985.3
7.5°	1261.8	1508.8	1769.1	2061.6	2354.0	2639.9	2917.4	3191.0	3448.6	3694.3	3928.2
5°	1240.5	1481.8	1741.9	2022.1	2303.9	2582.8	2854.5	3126.7	3377.4	3625.3	3860.2
2.5°	1213.5	1448.3	1707.6	1974.2	2247.9	2523.9	2786.4	3053.5	3310.6	3548.8	3780.3
0°	1181.2	1408.7	1666.2	1917.4	2182.4	2454.9	2707.4	2968.6	3236.1	3461.1	3687.4
-2.5°	1146.0	1361.2	1605.8	1855.8	2111.9	2379.2	2638.0	2885.6	3147.3	3374.7	3605.8
-5°	1106.6	1308.8	1539.1	1786.2	2033.1	2293.6	2557.3	2792.8	3042.7	3267.6	3494.8
-7.5°	1063.5	1252.2	1466.9	1708.1	1943.3	2189.1	2438.8	2665.3	2908.3	3130.7	3352.1
-10°	1018.0	1196.4	1396.8	1619.9	1841.6	2070.6	2305.2	2527.1	2760.7	2982.2	3195.2
-12.5°	974.4	1141.3	1324.6	1527.4	1734.3	1945.9	2164.0	2378.2	2599.8	2822.5	3021.6
-15°	928.7	1083.5	1249.9	1431.7	1622.2	1815.8	2016.2	2218.9	2426.9	2644.7	2828.6
-17.5°	881.4	1023.4	1173.7	1333.9	1506.2	1681.5	1865.8	2061.4	2251.7	2450.2	2628.1
-20°	833.0	961.5	1096.9	1234.9	1388.0	1556.1	1728.4	1904.0	2077.0	2249.7	2416.8



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	784.0	898.2	1021.5	1143.0	1288.6	1440.4	1591.6	1743.9	1899.1	2047.9	2205.9
-25°	736.6	839.5	948.4	1066.5	1191.5	1325.3	1455.2	1584.0	1721.6	1861.1	1997.1
-27.5°	691.0	781.8	884.6	989.9	1094.0	1213.1	1326.8	1436.0	1556.0	1679.0	1788.9
-30°	645.2	731.4	821.4	914.9	1006.5	1106.0	1204.3	1300.0	1397.8	1503.2	1598.3
-32.5°	602.8	681.5	763.4	845.3	923.0	1000.2	1091.1	1176.1	1256.2	1331.2	1414.3
-35°	564.0	636.1	707.3	777.9	842.0	909.8	985.8	1057.5	1121.7	1182.0	1245.5
-37.5°	527.4	591.6	651.6	714.7	771.6	829.7	885.6	947.7	999.8	1047.9	1100.0
-40°	490.7	548.2	602.1	654.8	707.0	755.6	803.3	845.5	887.4	933.7	969.5
-42.5°	454.5	507.9	556.2	596.7	645.9	687.7	724.8	759.8	794.0	830.1	858.8
-45°	422.7	468.1	512.2	550.9	587.8	623.5	654.9	682.4	714.8	739.9	761.6
-47.5°	390.5	429.9	470.2	505.9	536.8	565.7	589.1	616.7	643.3	664.8	677.4
-50°	358.8	394.8	429.0	462.3	490.2	513.5	533.7	556.4	578.5	596.8	608.8
-52.5°	329.6	359.7	391.3	419.7	445.5	466.3	485.5	505.3	521.5	534.0	549.9
-55°	300.8	328.5	354.9	380.4	402.5	421.5	440.3	457.9	471.8	482.6	495.7
-57.5°	273.7	298.7	321.8	343.2	362.9	379.3	397.7	412.6	425.6	435.7	449.2
-60°	247.4	269.7	290.6	309.3	325.6	341.7	356.7	370.4	381.6	391.7	404.1
-62.5°	221.2	241.3	260.2	277.3	292.1	305.5	319.0	330.7	340.1	350.5	360.7
-65°	196.6	213.6	230.1	245.7	259.6	272.4	283.5	293.0	301.9	311.1	319.3
-67.5°	172.1	188.0	201.8	214.2	227.1	239.4	249.7	258.5	265.9	273.4	280.4
-70°	150.1	162.8	175.4	186.6	196.4	206.7	216.7	225.0	231.6	237.5	243.1
-72.5°	128.6	139.8	150.2	159.9	168.8	177.0	184.9	192.4	198.5	203.2	207.2
-75°	108.1	116.8	125.8	134.3	141.5	147.9	153.9	159.9	164.9	168.9	172.2
-77.5°	88.5	95.8	102.7	109.2	114.4	119.5	124.2	128.5	132.4	135.4	137.6
-80°	69.5	74.7	80.4	85.7	89.7	93.2	96.2	98.7	101.5	104.4	107.0
-82.5°	51.7	55.5	59.2	62.8	65.6	68.0	70.1	72.1	74.1	76.0	77.7
-85°	34.0	36.2	38.5	40.7	42.8	44.7	46.3	47.7	48.8	49.8	50.6
-87.5°	17.0	18.1	19.1	20.1	21.1	22.1	23.0	23.8	24.4	24.9	25.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-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°	19.4	19.5	19.4	19.4	19.2	18.4	17.6	16.6	15.7	16.1	16.6
85°	57.2	57.5	57.3	56.7	55.8	55.8	55.6	55.2	54.7	55.6	56.3
82.5°	107.8	108.6	108.7	108.2	107.1	107.6	107.8	107.6	107.0	107.7	108.2
80°	168.6	170.1	170.2	169.0	166.7	167.1	167.2	166.8	165.6	165.9	165.9
77.5°	240.1	243.8	245.1	244.5	242.2	241.5	239.9	236.7	231.9	231.8	231.9
75°	331.4	335.2	337.1	337.0	334.8	333.3	331.3	327.5	322.2	321.9	322.0
72.5°	432.1	437.7	440.2	442.4	442.4	441.6	438.9	433.3	425.0	424.0	425.0
70°	543.4	552.7	558.7	563.3	566.9	567.6	565.8	561.3	554.0	552.1	551.6
67.5°	667.3	682.3	693.6	701.1	708.2	713.3	715.3	713.2	707.4	705.4	706.2
65°	806.1	829.2	848.3	862.6	872.2	879.0	884.9	888.4	889.3	891.3	894.1
62.5°	968.4	996.8	1023.3	1041.4	1050.7	1057.3	1076.3	1087.3	1090.4	1091.1	1095.3
60°	1149.6	1185.4	1218.5	1245.1	1266.6	1282.8	1299.0	1309.8	1313.8	1314.6	1320.4
57.5°	1347.7	1392.6	1431.4	1472.6	1501.3	1517.9	1539.6	1561.9	1573.6	1576.9	1590.6
55°	1566.8	1628.2	1678.4	1722.5	1762.6	1797.8	1827.6	1850.7	1867.7	1877.9	1896.1
52.5°	1809.1	1881.3	1933.9	1985.6	2043.0	2083.5	2110.0	2152.6	2183.4	2200.4	2222.1
50°	2075.2	2155.7	2227.2	2281.4	2348.3	2403.7	2444.0	2484.3	2512.5	2528.7	2549.7
47.5°	2378.1	2477.2	2560.2	2610.5	2688.1	2753.3	2779.6	2810.0	2863.2	2888.7	2911.2
45°	2719.1	2845.5	2937.8	3016.4	3083.1	3156.2	3204.2	3238.7	3291.1	3317.4	3334.0
42.5°	3124.9	3265.5	3387.1	3481.5	3537.6	3632.4	3701.6	3721.1	3795.3	3845.6	3860.4
40°	3580.0	3735.9	3896.2	4003.8	4094.2	4190.5	4304.6	4368.2	4430.9	4480.2	4491.3
37.5°	4054.2	4262.9	4445.9	4584.8	4734.1	4876.2	4997.2	5063.2	5104.3	5198.6	5233.8
35°	4536.3	4751.6	5008.0	5223.9	5404.8	5580.3	5718.3	5827.0	5930.5	6015.4	6066.3
32.5°	4946.9	5178.5	5495.2	5818.3	6013.6	6203.7	6430.4	6554.8	6692.9	6804.8	6886.5
30°	5284.2	5504.5	5792.8	6198.3	6465.8	6658.4	6945.3	7117.3	7267.7	7457.3	7523.3
27.5°	5300.2	5644.5	5899.4	6248.6	6650.1	6845.5	7057.9	7370.4	7465.2	7735.6	7774.6
25°	5161.1	5522.6	5784.5	6076.0	6409.8	6647.6	6841.6	7101.4	7237.5	7411.4	7545.0
22.5°	4943.5	5262.0	5529.3	5776.5	6036.9	6253.5	6430.8	6613.4	6762.7	6897.6	7023.0
20°	4703.2	5005.6	5259.0	5471.6	5678.0	5878.7	6038.1	6191.6	6320.7	6436.6	6507.9
17.5°	4533.9	4751.5	5010.4	5228.2	5407.1	5564.7	5729.6	5858.1	5971.4	6075.6	6140.7
15°	4418.4	4625.3	4809.6	5009.4	5198.0	5348.2	5472.5	5604.9	5702.8	5792.6	5863.2
12.5°	4298.5	4511.6	4704.5	4870.9	5018.6	5182.6	5315.4	5419.6	5522.3	5592.8	5665.3
10°	4198.3	4397.7	4597.8	4773.5	4928.9	5064.1	5189.8	5306.6	5398.8	5477.9	5535.1
7.5°	4140.2	4335.7	4515.5	4684.1	4835.6	4979.6	5109.3	5216.4	5307.8	5389.6	5449.4
5°	4072.8	4266.3	4445.8	4618.1	4763.6	4902.0	5031.1	5141.4	5236.0	5308.8	5366.1
2.5°	3995.5	4186.4	4365.5	4540.6	4686.0	4819.5	4941.7	5049.2	5147.8	5217.2	5265.9
0°	3907.4	4098.6	4273.6	4438.6	4584.8	4728.6	4841.1	4949.8	5046.1	5114.8	5163.6
-2.5°	3818.6	4008.6	4189.8	4347.8	4493.0	4625.7	4745.5	4848.2	4940.0	5008.5	5051.3
-5°	3700.5	3889.4	4068.1	4227.4	4379.0	4512.3	4628.7	4733.2	4821.7	4896.3	4954.3
-7.5°	3557.5	3748.5	3927.1	4089.8	4240.6	4366.5	4478.3	4583.6	4678.1	4759.6	4831.0
-10°	3400.3	3589.2	3757.9	3910.3	4050.9	4178.9	4297.8	4401.8	4488.4	4568.3	4628.4
-12.5°	3217.2	3392.2	3557.2	3707.4	3844.9	3973.0	4086.1	4185.1	4272.3	4343.1	4397.3
-15°	3015.2	3181.2	3337.6	3491.1	3635.0	3761.2	3860.7	3965.1	4040.7	4109.4	4158.2
-17.5°	2799.1	2959.6	3124.0	3277.9	3410.7	3535.3	3644.8	3740.1	3819.5	3882.5	3937.5
-20°	2580.0	2743.5	2901.8	3048.4	3176.2	3291.6	3402.5	3494.1	3575.4	3643.9	3708.5



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2360.0	2510.0	2658.5	2802.0	2922.8	3032.0	3129.0	3216.7	3288.4	3369.2	3426.2
-25°	2134.0	2265.4	2399.6	2526.3	2640.6	2747.8	2835.8	2912.6	2987.4	3065.4	3121.0
-27.5°	1906.9	2023.1	2132.1	2244.2	2344.4	2437.3	2518.9	2586.2	2658.7	2710.8	2771.9
-30°	1682.3	1787.7	1878.6	1956.7	2050.8	2130.5	2194.1	2260.9	2320.8	2370.6	2422.1
-32.5°	1492.1	1564.2	1636.8	1702.0	1764.7	1830.2	1881.4	1939.7	1980.8	2023.7	2065.3
-35°	1309.4	1364.9	1413.2	1474.1	1521.1	1556.7	1599.4	1642.2	1658.7	1705.3	1730.1
-37.5°	1143.9	1180.3	1225.3	1267.9	1302.7	1329.4	1367.4	1389.7	1401.5	1431.7	1447.8
-40°	1002.3	1025.3	1067.2	1096.3	1117.2	1136.6	1168.2	1182.8	1198.9	1213.8	1214.3
-42.5°	877.6	907.2	935.7	958.5	971.8	993.8	1008.7	1010.3	1031.2	1044.5	1046.6
-45°	775.7	805.8	828.3	845.1	858.3	877.3	886.9	892.3	909.3	918.3	922.3
-47.5°	697.4	718.5	738.0	750.9	768.2	782.3	789.3	798.3	811.3	819.6	825.6
-50°	628.6	645.2	660.1	671.9	689.2	701.7	708.4	719.4	729.2	735.2	739.9
-52.5°	568.1	582.9	593.2	604.7	619.0	630.1	638.7	649.6	657.7	663.0	667.1
-55°	511.4	525.4	535.4	547.9	558.2	565.6	572.9	583.5	591.5	596.9	600.4
-57.5°	461.4	471.9	481.7	493.1	502.9	510.9	517.4	523.3	528.6	533.0	536.4
-60°	414.5	423.1	432.1	441.0	448.4	454.2	461.2	466.5	469.9	472.0	474.9
-62.5°	369.5	377.2	385.2	392.4	398.2	403.1	408.8	413.2	416.3	418.5	420.2
-65°	326.7	333.3	340.1	346.0	351.1	355.3	359.3	362.4	364.6	366.5	367.9
-67.5°	286.7	291.9	296.6	300.8	304.6	308.2	311.7	314.0	315.3	316.8	318.4
-70°	248.0	252.2	255.3	257.8	260.0	262.9	266.2	268.6	269.9	271.4	272.8
-72.5°	210.6	213.7	216.2	218.3	219.5	221.4	223.7	225.6	227.1	228.2	228.7
-75°	174.7	177.2	179.4	181.0	181.9	183.3	184.4	185.1	185.2	185.7	186.0
-77.5°	139.5	142.0	144.1	145.6	146.5	147.6	148.4	148.9	149.0	149.1	148.8
-80°	108.9	110.6	112.0	113.0	113.7	114.5	114.9	115.0	114.7	115.0	115.1
-82.5°	79.1	80.6	81.8	82.8	83.4	84.2	84.7	85.2	85.4	85.5	85.4
-85°	51.2	51.9	52.5	53.1	53.7	54.0	54.2	54.2	54.1	54.1	54.0
-87.5°	25.6	25.3	24.9	24.4	23.8	23.9	24.1	24.1	24.1	24.4	24.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-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°	17.0	17.4	16.2	15.0	16.2	17.4	17.0	16.6	16.1	15.7	16.6
85°	56.8	57.2	56.2	55.0	56.2	57.2	56.8	56.3	55.6	54.7	55.2
82.5°	108.3	108.1	107.3	106.2	107.3	108.1	108.3	108.2	107.7	107.0	107.6
80°	165.3	164.2	163.6	162.5	163.6	164.2	165.3	165.9	165.9	165.6	166.8
77.5°	231.3	230.1	232.1	233.7	232.1	230.1	231.3	231.9	231.8	231.9	236.7
75°	320.7	318.3	315.9	312.5	315.9	318.3	320.7	322.0	321.9	322.2	327.5
72.5°	424.6	422.6	420.7	417.5	420.7	422.6	424.6	425.0	424.0	425.0	433.3
70°	548.3	542.5	543.4	543.7	543.4	542.5	548.3	551.6	552.1	554.0	561.3
67.5°	704.0	698.7	699.3	698.7	699.3	698.7	704.0	706.2	705.4	707.4	713.2
65°	892.4	886.5	879.3	868.7	879.3	886.5	892.4	894.1	891.3	889.3	888.4
62.5°	1094.8	1089.5	1092.6	1095.0	1092.6	1089.5	1094.8	1095.3	1091.1	1090.4	1087.3
60°	1319.4	1312.1	1308.4	1302.5	1308.4	1312.1	1319.4	1320.4	1314.6	1313.8	1309.8
57.5°	1596.9	1595.5	1592.3	1583.7	1592.3	1595.5	1596.9	1590.6	1576.9	1573.6	1561.9
55°	1904.6	1902.9	1910.0	1918.7	1910.0	1902.9	1904.6	1896.1	1877.9	1867.7	1850.7
52.5°	2238.1	2243.7	2241.7	2229.9	2241.7	2243.7	2238.1	2222.1	2200.4	2183.4	2152.6
50°	2568.1	2574.4	2581.2	2587.4	2581.2	2574.4	2568.1	2549.7	2528.7	2512.5	2484.3
47.5°	2942.2	2958.8	2961.7	2949.9	2961.7	2958.8	2942.2	2911.2	2888.7	2863.2	2810.0
45°	3367.2	3377.2	3382.3	3392.4	3382.3	3377.2	3367.2	3334.0	3317.4	3291.1	3238.7
42.5°	3903.0	3914.6	3916.5	3927.4	3916.5	3914.6	3903.0	3860.4	3845.6	3795.3	3721.1
40°	4538.9	4557.8	4554.5	4549.8	4554.5	4557.8	4538.9	4491.3	4480.2	4430.9	4368.2
37.5°	5283.4	5315.5	5318.8	5338.6	5318.8	5315.5	5283.4	5233.8	5198.6	5104.3	5063.2
35°	6118.9	6156.6	6150.1	6159.8	6150.1	6156.6	6118.9	6066.3	6015.4	5930.5	5827.0
32.5°	6961.7	7018.3	7029.6	7077.2	7029.6	7018.3	6961.7	6886.5	6804.8	6692.9	6554.8
30°	7623.9	7703.1	7754.8	7751.0	7754.8	7703.1	7623.9	7523.3	7457.3	7267.7	7117.3
27.5°	7898.2	8000.9	8097.0	8126.0	8097.0	8000.9	7898.2	7774.6	7735.6	7465.2	7370.4
25°	7630.6	7705.6	7790.4	7836.0	7790.4	7705.6	7630.6	7545.0	7411.4	7237.5	7101.4
22.5°	7080.7	7129.5	7158.4	7134.7	7158.4	7129.5	7080.7	7023.0	6897.6	6762.7	6613.4
20°	6581.7	6643.4	6654.9	6679.8	6654.9	6643.4	6581.7	6507.9	6436.6	6320.7	6191.6
17.5°	6210.3	6250.7	6274.4	6279.8	6274.4	6250.7	6210.3	6140.7	6075.6	5971.4	5858.1
15°	5919.2	5951.6	5972.8	5982.3	5972.8	5951.6	5919.2	5863.2	5792.6	5702.8	5604.9
12.5°	5712.9	5752.4	5771.7	5783.5	5771.7	5752.4	5712.9	5665.3	5592.8	5522.3	5419.6
10°	5580.7	5618.8	5634.1	5639.8	5634.1	5618.8	5580.7	5535.1	5477.9	5398.8	5306.6
7.5°	5485.7	5510.2	5520.5	5528.6	5520.5	5510.2	5485.7	5449.4	5389.6	5307.8	5216.4
5°	5409.0	5428.5	5439.5	5451.1	5439.5	5428.5	5409.0	5366.1	5308.8	5236.0	5141.4
2.5°	5304.7	5332.6	5351.9	5363.6	5351.9	5332.6	5304.7	5265.9	5217.2	5147.8	5049.2
0°	5202.3	5228.6	5242.3	5264.8	5242.3	5228.6	5202.3	5163.6	5114.8	5046.1	4949.8
-2.5°	5089.7	5120.1	5156.2	5191.1	5156.2	5120.1	5089.7	5051.3	5008.5	4940.0	4848.2
-5°	5003.5	5043.7	5051.3	5073.6	5051.3	5043.7	5003.5	4954.3	4896.3	4821.7	4733.2
-7.5°	4873.6	4891.9	4923.0	4928.6	4923.0	4891.9	4873.6	4831.0	4759.6	4678.1	4583.6
-10°	4673.3	4703.1	4722.5	4742.3	4722.5	4703.1	4673.3	4628.4	4568.3	4488.4	4401.8
-12.5°	4438.0	4473.0	4504.2	4499.8	4504.2	4473.0	4438.0	4397.3	4343.1	4272.3	4185.1
-15°	4208.7	4242.5	4264.0	4261.1	4264.0	4242.5	4208.7	4158.2	4109.4	4040.7	3965.1
-17.5°	3981.2	4012.0	4043.1	4042.4	4043.1	4012.0	3981.2	3937.5	3882.5	3819.5	3740.1
-20°	3746.2	3772.6	3805.9	3819.9	3805.9	3772.6	3746.2	3708.5	3643.9	3575.4	3494.1



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3474.5	3508.3	3532.5	3547.4	3532.5	3508.3	3474.5	3426.2	3369.2	3288.4	3216.7
-25°	3157.8	3192.5	3210.9	3217.4	3210.9	3192.5	3157.8	3121.0	3065.4	2987.4	2912.6
-27.5°	2807.9	2846.8	2865.7	2856.1	2865.7	2846.8	2807.9	2771.9	2710.8	2658.7	2586.2
-30°	2449.2	2474.1	2477.0	2498.7	2477.0	2474.1	2449.2	2422.1	2370.6	2320.8	2260.9
-32.5°	2095.1	2111.8	2102.3	2103.7	2102.3	2111.8	2095.1	2065.3	2023.7	1980.8	1939.7
-35°	1745.6	1758.9	1761.6	1786.2	1761.6	1758.9	1745.6	1730.1	1705.3	1658.7	1642.2
-37.5°	1464.5	1469.9	1461.7	1449.9	1461.7	1469.9	1464.5	1447.8	1431.7	1401.5	1389.7
-40°	1226.2	1230.4	1227.3	1221.2	1227.3	1230.4	1226.2	1214.3	1213.8	1198.9	1182.8
-42.5°	1054.7	1054.8	1052.0	1051.2	1052.0	1054.8	1054.7	1046.6	1044.5	1031.2	1010.3
-45°	928.1	929.4	929.2	928.7	929.2	929.4	928.1	922.3	918.3	909.3	892.3
-47.5°	829.8	830.1	828.8	826.2	828.8	830.1	829.8	825.6	819.6	811.3	798.3
-50°	742.8	742.8	744.5	747.5	744.5	742.8	742.8	739.9	735.2	729.2	719.4
-52.5°	669.3	669.1	670.0	671.2	670.0	669.1	669.3	667.1	663.0	657.7	649.6
-55°	602.0	601.7	600.8	598.7	600.8	601.7	602.0	600.4	596.9	591.5	583.5
-57.5°	537.7	537.0	535.3	532.5	535.3	537.0	537.7	536.4	533.0	528.6	523.3
-60°	476.4	476.7	475.9	473.7	475.9	476.7	476.4	474.9	472.0	469.9	466.5
-62.5°	420.6	419.7	419.5	418.7	419.5	419.7	420.6	420.2	418.5	416.3	413.2
-65°	368.2	367.4	367.7	367.5	367.7	367.4	368.2	367.9	366.5	364.6	362.4
-67.5°	319.0	318.7	319.0	318.7	319.0	318.7	319.0	318.4	316.8	315.3	314.0
-70°	273.6	273.7	272.3	270.0	272.3	273.7	273.6	272.8	271.4	269.9	268.6
-72.5°	228.5	227.7	227.8	227.5	227.8	227.7	228.5	228.7	228.2	227.1	225.6
-75°	185.9	185.4	186.6	187.5	186.6	185.4	185.9	186.0	185.7	185.2	185.1
-77.5°	148.1	147.0	147.9	148.7	147.9	147.0	148.1	148.8	149.1	149.0	148.9
-80°	114.9	114.6	114.2	113.7	114.2	114.6	114.9	115.1	115.0	114.7	115.0
-82.5°	85.1	84.7	84.3	83.7	84.3	84.7	85.1	85.4	85.5	85.4	85.2
-85°	53.8	53.5	54.3	55.0	54.3	53.5	53.8	54.0	54.1	54.1	54.2
-87.5°	24.8	24.9	24.3	23.7	24.3	24.9	24.8	24.6	24.4	24.1	24.1
-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: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-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°	17.6	18.4	19.2	19.4	19.4	19.5	19.4	19.3	19.1	18.9	18.5
85°	55.6	55.8	55.8	56.7	57.3	57.5	57.2	56.3	54.9	53.2	51.1
82.5°	107.8	107.6	107.1	108.2	108.7	108.6	107.8	105.7	102.9	99.5	95.5
80°	167.2	167.1	166.7	169.0	170.2	170.1	168.6	164.7	159.7	154.6	149.4
77.5°	239.9	241.5	242.2	244.5	245.1	243.8	240.1	234.3	229.2	222.5	213.8
75°	331.3	333.3	334.8	337.0	337.1	335.2	331.4	324.3	315.0	303.3	287.8
72.5°	438.9	441.6	442.4	442.4	440.2	437.7	432.1	422.7	410.4	395.3	374.8
70°	565.8	567.6	566.9	563.3	558.7	552.7	543.4	530.1	513.2	495.4	470.2
67.5°	715.3	713.3	708.2	701.1	693.6	682.3	667.3	648.2	628.7	606.4	572.4
65°	884.9	879.0	872.2	862.6	848.3	829.2	806.1	782.1	756.5	725.4	682.6
62.5°	1076.3	1057.3	1050.7	1041.4	1023.3	996.8	968.4	937.8	899.7	855.1	812.1
60°	1299.0	1282.8	1266.6	1245.1	1218.5	1185.4	1149.6	1108.1	1061.2	1011.5	954.0
57.5°	1539.6	1517.9	1501.3	1472.6	1431.4	1392.6	1347.7	1290.5	1234.3	1176.8	1108.0
55°	1827.6	1797.8	1762.6	1722.5	1678.4	1628.2	1566.8	1500.1	1431.2	1352.1	1278.8
52.5°	2110.0	2083.5	2043.0	1985.6	1933.9	1881.3	1809.1	1730.9	1653.1	1571.0	1468.1
50°	2444.0	2403.7	2348.3	2281.4	2227.2	2155.7	2075.2	1980.3	1899.3	1805.4	1691.9
47.5°	2779.6	2753.3	2688.1	2610.5	2560.2	2477.2	2378.1	2271.9	2182.4	2054.7	1931.1
45°	3204.2	3156.2	3083.1	3016.4	2937.8	2845.5	2719.1	2617.6	2498.1	2358.6	2179.4
42.5°	3701.6	3632.4	3537.6	3481.5	3387.1	3265.5	3124.9	2997.1	2847.9	2684.9	2479.1
40°	4304.6	4190.5	4094.2	4003.8	3896.2	3735.9	3580.0	3409.8	3231.5	3030.9	2763.0
37.5°	4997.2	4876.2	4734.1	4584.8	4445.9	4262.9	4054.2	3853.8	3639.5	3337.8	3032.3
35°	5718.3	5580.3	5404.8	5223.9	5008.0	4751.6	4536.3	4300.0	4007.3	3615.8	3281.5
32.5°	6430.4	6203.7	6013.6	5818.3	5495.2	5178.5	4946.9	4736.9	4239.8	3835.8	3500.5
30°	6945.3	6658.4	6465.8	6198.3	5792.8	5504.5	5284.2	4848.4	4385.7	3989.3	3671.0
27.5°	7057.9	6845.5	6650.1	6248.6	5899.4	5644.5	5300.2	4855.9	4435.2	4062.2	3754.0
25°	6841.6	6647.6	6409.8	6076.0	5784.5	5522.6	5161.1	4758.7	4381.1	4052.3	3706.4
22.5°	6430.8	6253.5	6036.9	5776.5	5529.3	5262.0	4943.5	4594.7	4269.9	3962.1	3627.3
20°	6038.1	5878.7	5678.0	5471.6	5259.0	5005.6	4703.2	4418.0	4153.7	3855.6	3532.2
17.5°	5729.6	5564.7	5407.1	5228.2	5010.4	4751.5	4533.9	4299.0	4037.8	3741.6	3423.8
15°	5472.5	5348.2	5198.0	5009.4	4809.6	4625.3	4418.4	4178.1	3918.0	3618.5	3322.5
12.5°	5315.4	5182.6	5018.6	4870.9	4704.5	4511.6	4298.5	4053.4	3804.6	3553.8	3288.4
10°	5189.8	5064.1	4928.9	4773.5	4597.8	4397.7	4198.3	3985.3	3753.6	3507.4	3244.7
7.5°	5109.3	4979.6	4835.6	4684.1	4515.5	4335.7	4140.2	3928.2	3694.3	3448.6	3191.0
5°	5031.1	4902.0	4763.6	4618.1	4445.8	4266.3	4072.8	3860.2	3625.3	3377.4	3126.7
2.5°	4941.7	4819.5	4686.0	4540.6	4365.5	4186.4	3995.5	3780.3	3548.8	3310.6	3053.5
0°	4841.1	4728.6	4584.8	4438.6	4273.6	4098.6	3907.4	3687.4	3461.1	3236.1	2968.6
-2.5°	4745.5	4625.7	4493.0	4347.8	4189.8	4008.6	3818.6	3605.8	3374.7	3147.3	2885.6
-5°	4628.7	4512.3	4379.0	4227.4	4068.1	3889.4	3700.5	3494.8	3267.6	3042.7	2792.8
-7.5°	4478.3	4366.5	4240.6	4089.8	3927.1	3748.5	3557.5	3352.1	3130.7	2908.3	2665.3
-10°	4297.8	4178.9	4050.9	3910.3	3757.9	3589.2	3400.3	3195.2	2982.2	2760.7	2527.1
-12.5°	4086.1	3973.0	3844.9	3707.4	3557.2	3392.2	3217.2	3021.6	2822.5	2599.8	2378.2
-15°	3860.7	3761.2	3635.0	3491.1	3337.6	3181.2	3015.2	2828.6	2644.7	2426.9	2218.9
-17.5°	3644.8	3535.3	3410.7	3277.9	3124.0	2959.6	2799.1	2628.1	2450.2	2251.7	2061.4
-20°	3402.5	3291.6	3176.2	3048.4	2901.8	2743.5	2580.0	2416.8	2249.7	2077.0	1904.0



REPORT NUMBER: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3129.0	3032.0	2922.8	2802.0	2658.5	2510.0	2360.0	2205.9	2047.9	1899.1	1743.9
-25°	2835.8	2747.8	2640.6	2526.3	2399.6	2265.4	2134.0	1997.1	1861.1	1721.6	1584.0
-27.5°	2518.9	2437.3	2344.4	2244.2	2132.1	2023.1	1906.9	1788.9	1679.0	1556.0	1436.0
-30°	2194.1	2130.5	2050.8	1956.7	1878.6	1787.7	1682.3	1598.3	1503.2	1397.8	1300.0
-32.5°	1881.4	1830.2	1764.7	1702.0	1636.8	1564.2	1492.1	1414.3	1331.2	1256.2	1176.1
-35°	1599.4	1556.7	1521.1	1474.1	1413.2	1364.9	1309.4	1245.5	1182.0	1121.7	1057.5
-37.5°	1367.4	1329.4	1302.7	1267.9	1225.3	1180.3	1143.9	1100.0	1047.9	999.8	947.7
-40°	1168.2	1136.6	1117.2	1096.3	1067.2	1025.3	1002.3	969.5	933.7	887.4	845.5
-42.5°	1008.7	993.8	971.8	958.5	935.7	907.2	877.6	858.8	830.1	794.0	759.8
-45°	886.9	877.3	858.3	845.1	828.3	805.8	775.7	761.6	739.9	714.8	682.4
-47.5°	789.3	782.3	768.2	750.9	738.0	718.5	697.4	677.4	664.8	643.3	616.7
-50°	708.4	701.7	689.2	671.9	660.1	645.2	628.6	608.8	596.8	578.5	556.4
-52.5°	638.7	630.1	619.0	604.7	593.2	582.9	568.1	549.9	534.0	521.5	505.3
-55°	572.9	565.6	558.2	547.9	535.4	525.4	511.4	495.7	482.6	471.8	457.9
-57.5°	517.4	510.9	502.9	493.1	481.7	471.9	461.4	449.2	435.7	425.6	412.6
-60°	461.2	454.2	448.4	441.0	432.1	423.1	414.5	404.1	391.7	381.6	370.4
-62.5°	408.8	403.1	398.2	392.4	385.2	377.2	369.5	360.7	350.5	340.1	330.7
-65°	359.3	355.3	351.1	346.0	340.1	333.3	326.7	319.3	311.1	301.9	293.0
-67.5°	311.7	308.2	304.6	300.8	296.6	291.9	286.7	280.4	273.4	265.9	258.5
-70°	266.2	262.9	260.0	257.8	255.3	252.2	248.0	243.1	237.5	231.6	225.0
-72.5°	223.7	221.4	219.5	218.3	216.2	213.7	210.6	207.2	203.2	198.5	192.4
-75°	184.4	183.3	181.9	181.0	179.4	177.2	174.7	172.2	168.9	164.9	159.9
-77.5°	148.4	147.6	146.5	145.6	144.1	142.0	139.5	137.6	135.4	132.4	128.5
-80°	114.9	114.5	113.7	113.0	112.0	110.6	108.9	107.0	104.4	101.5	98.7
-82.5°	84.7	84.2	83.4	82.8	81.8	80.6	79.1	77.7	76.0	74.1	72.1
-85°	54.2	54.0	53.7	53.1	52.5	51.9	51.2	50.6	49.8	48.8	47.7
-87.5°	24.1	23.9	23.8	24.4	24.9	25.3	25.6	25.3	24.9	24.4	23.8
-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: P558810 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-940-U-WAF-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°	18.1	17.6	17.1	16.5	16.1	15.6	15.0	14.2	13.0	11.7	10.4
85°	48.4	45.5	42.1	38.4	34.9	31.2	30.0	28.5	26.0	23.5	20.8
82.5°	90.4	86.1	81.5	76.4	70.8	64.9	58.6	51.9	43.7	35.9	31.2
80°	142.8	135.5	127.4	118.6	108.9	98.5	89.9	80.6	69.0	57.8	47.1
77.5°	202.4	190.0	176.5	165.1	153.2	140.3	126.4	110.8	94.0	79.6	65.7
75°	268.7	253.1	237.0	219.5	200.9	182.1	165.7	146.5	123.8	101.6	84.0
72.5°	351.3	327.1	302.2	276.5	254.2	231.2	207.6	181.7	154.9	128.8	103.4
70°	439.8	406.4	375.0	344.1	312.0	280.2	252.8	220.8	185.7	155.6	126.5
67.5°	533.9	497.4	457.6	413.8	375.1	337.5	299.0	260.2	221.0	182.0	149.0
65°	640.8	594.7	544.9	496.9	445.6	395.4	352.2	301.1	255.5	212.4	171.1
62.5°	758.4	698.1	644.0	583.6	523.6	464.4	403.7	346.1	290.4	242.2	195.7
60°	891.5	825.5	749.4	681.8	609.5	536.9	464.8	389.7	328.9	271.2	220.8
57.5°	1038.0	960.4	879.0	789.6	704.7	618.8	525.8	439.5	366.0	302.7	245.0
55°	1191.2	1103.9	1012.0	913.6	808.8	709.7	590.0	490.4	403.5	333.8	267.5
52.5°	1362.7	1258.4	1152.3	1041.4	926.0	797.9	661.2	538.4	445.5	363.5	291.4
50°	1560.2	1429.8	1304.0	1176.5	1044.8	890.7	727.7	595.9	485.0	393.5	314.1
47.5°	1785.5	1627.3	1471.3	1318.4	1172.7	976.9	801.0	650.7	521.7	425.6	335.2
45°	2018.9	1844.5	1655.6	1478.7	1276.6	1064.1	872.3	701.1	566.2	453.5	354.7
42.5°	2253.2	2064.5	1861.7	1640.5	1383.2	1146.8	937.5	757.8	607.1	479.1	375.2
40°	2513.3	2283.7	2067.2	1790.8	1480.2	1222.0	1004.5	811.0	643.9	504.9	395.6
37.5°	2761.5	2507.5	2269.6	1905.4	1568.9	1298.9	1065.8	858.5	677.6	532.8	414.2
35°	2993.1	2724.5	2371.6	1998.7	1656.9	1364.0	1120.0	903.4	713.4	557.4	430.9
32.5°	3204.3	2863.5	2449.7	2071.5	1726.7	1417.2	1169.2	943.3	744.0	578.7	445.7
30°	3348.4	2915.5	2503.4	2124.1	1778.8	1468.7	1209.3	976.5	769.5	596.5	459.4
27.5°	3356.0	2939.7	2532.2	2156.9	1814.6	1506.5	1239.7	1002.8	789.8	613.2	473.7
25°	3329.7	2929.1	2536.4	2169.1	1833.6	1537.4	1263.1	1022.6	808.5	629.4	485.3
22.5°	3268.2	2891.4	2517.2	2160.9	1854.4	1558.7	1282.4	1039.5	823.6	641.5	494.3
20°	3190.5	2830.2	2485.1	2169.0	1864.9	1572.4	1296.9	1050.4	833.4	649.8	500.8
17.5°	3095.2	2781.5	2479.7	2167.5	1864.9	1576.4	1303.4	1055.4	838.0	654.4	504.9
15°	3051.5	2762.5	2463.5	2155.9	1854.6	1571.1	1302.3	1054.7	837.7	655.3	507.8
12.5°	3016.3	2732.5	2437.1	2134.3	1834.4	1556.9	1293.6	1048.5	832.7	655.3	509.9
10°	2971.7	2691.6	2400.5	2102.8	1804.8	1534.2	1277.9	1038.9	830.2	654.2	510.0
7.5°	2917.4	2639.9	2354.0	2061.6	1769.1	1508.8	1261.8	1028.3	824.9	650.3	508.3
5°	2854.5	2582.8	2303.9	2022.1	1741.9	1481.8	1240.5	1012.5	816.2	643.8	504.7
2.5°	2786.4	2523.9	2247.9	1974.2	1707.6	1448.3	1213.5	992.1	804.0	634.9	499.4
0°	2707.4	2454.9	2182.4	1917.4	1666.2	1408.7	1181.2	967.5	788.7	623.7	492.5
-2.5°	2638.0	2379.2	2111.9	1855.8	1605.8	1361.2	1146.0	942.7	771.7	612.7	485.2
-5°	2557.3	2293.6	2033.1	1786.2	1539.1	1308.8	1106.6	914.7	752.0	599.7	476.6
-7.5°	2438.8	2189.1	1943.3	1708.1	1466.9	1252.2	1063.5	883.9	729.9	585.0	466.6
-10°	2305.2	2070.6	1841.6	1619.9	1396.8	1196.4	1018.0	850.6	705.6	568.6	455.4
-12.5°	2164.0	1945.9	1734.3	1527.4	1324.6	1141.3	974.4	818.0	679.7	550.7	443.1
-15°	2016.2	1815.8	1622.2	1431.7	1249.9	1083.5	928.7	784.7	654.2	532.4	429.8
-17.5°	1865.8	1681.5	1506.2	1333.9	1173.7	1023.4	881.4	749.7	627.3	514.1	416.5
-20°	1728.4	1556.1	1388.0	1234.9	1096.9	961.5	833.0	713.2	599.2	494.8	403.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1591.6	1440.4	1288.6	1143.0	1021.5	898.2	784.0	675.7	570.1	474.6	388.6
-25°	1455.2	1325.3	1191.5	1066.5	948.4	839.5	736.6	637.2	540.4	453.8	373.3
-27.5°	1326.8	1213.1	1094.0	989.9	884.6	781.8	691.0	600.7	511.5	432.3	357.2
-30°	1204.3	1106.0	1006.5	914.9	821.4	731.4	645.2	564.3	485.1	411.6	340.4
-32.5°	1091.1	1000.2	923.0	845.3	763.4	681.5	602.8	528.1	458.7	390.9	324.7
-35°	985.8	909.8	842.0	777.9	707.3	636.1	564.0	492.3	432.3	369.6	309.1
-37.5°	885.6	829.7	771.6	714.7	651.6	591.6	527.4	462.6	406.0	347.8	293.3
-40°	803.3	755.6	707.0	654.8	602.1	548.2	490.7	434.6	380.3	325.5	277.2
-42.5°	724.8	687.7	645.9	596.7	556.2	507.9	454.5	406.0	355.5	305.4	260.9
-45°	654.9	623.5	587.8	550.9	512.2	468.1	422.7	377.3	330.6	286.6	245.1
-47.5°	589.1	565.7	536.8	505.9	470.2	429.9	390.5	349.8	305.8	267.7	230.0
-50°	533.7	513.5	490.2	462.3	429.0	394.8	358.8	322.5	285.0	249.1	214.6
-52.5°	485.5	466.3	445.5	419.7	391.3	359.7	329.6	295.6	263.7	231.1	198.8
-55°	440.3	421.5	402.5	380.4	354.9	328.5	300.8	271.9	242.1	213.1	183.1
-57.5°	397.7	379.3	362.9	343.2	321.8	298.7	273.7	247.8	221.5	194.8	169.1
-60°	356.7	341.7	325.6	309.3	290.6	269.7	247.4	224.1	200.9	176.8	154.9
-62.5°	319.0	305.5	292.1	277.3	260.2	241.3	221.2	201.3	180.1	160.6	140.6
-65°	283.5	272.4	259.6	245.7	230.1	213.6	196.6	178.5	161.4	144.2	126.1
-67.5°	249.7	239.4	227.1	214.2	201.8	188.0	172.1	157.6	143.1	127.6	111.9
-70°	216.7	206.7	196.4	186.6	175.4	162.8	150.1	137.5	124.6	111.7	97.5
-72.5°	184.9	177.0	168.8	159.9	150.2	139.8	128.6	117.6	107.3	95.8	83.1
-75°	153.9	147.9	141.5	134.3	125.8	116.8	108.1	99.2	90.0	79.8	70.3
-77.5°	124.2	119.5	114.4	109.2	102.7	95.8	88.5	80.8	73.4	66.0	58.0
-80°	96.2	93.2	89.7	85.7	80.4	74.7	69.5	64.0	58.3	52.2	45.7
-82.5°	70.1	68.0	65.6	62.8	59.2	55.5	51.7	47.8	43.3	38.5	33.7
-85°	46.3	44.7	42.8	40.7	38.5	36.2	34.0	31.7	28.7	25.6	22.5
-87.5°	23.0	22.1	21.1	20.1	19.1	18.1	17.0	15.8	14.3	12.8	11.3
-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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**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°	9.1	7.6	6.2	4.7	3.2	1.6	0.0
85°	18.1	15.3	12.4	9.4	6.3	3.1	0.0
82.5°	27.1	22.9	18.5	14.0	9.4	4.6	0.0
80°	36.9	30.4	24.6	18.7	12.6	6.2	0.0
77.5°	52.4	39.7	30.7	23.3	15.6	7.7	0.0
75°	67.7	52.0	37.4	27.8	18.7	9.2	0.0
72.5°	82.7	64.2	46.8	32.3	21.7	10.7	0.0
70°	98.0	76.1	56.1	37.2	24.7	12.2	0.0
67.5°	116.8	87.8	65.1	43.8	27.6	13.6	0.0
65°	135.0	100.8	74.0	50.3	30.5	15.0	0.0
62.5°	152.6	115.0	82.7	56.6	33.3	16.4	0.0
60°	169.6	128.7	91.0	62.8	36.0	17.8	0.0
57.5°	188.8	141.8	101.1	68.7	39.9	19.1	0.0
55°	207.5	154.4	110.9	74.4	43.6	20.4	0.0
52.5°	225.1	166.7	120.2	80.0	47.3	21.6	0.0
50°	241.7	180.2	129.1	85.3	50.8	22.8	0.0
47.5°	257.6	192.9	137.5	90.6	54.2	23.9	0.0
45°	274.1	204.8	145.5	96.5	57.4	25.0	0.0
42.5°	289.3	215.8	152.9	102.1	60.5	26.1	0.0
40°	303.2	225.9	160.4	107.4	63.4	27.1	0.0
37.5°	315.8	235.0	167.9	112.5	66.2	28.1	0.0
35°	326.9	244.2	174.8	117.2	68.8	28.9	0.0
32.5°	337.7	252.8	181.0	121.5	71.3	29.8	0.0
30°	349.2	260.3	186.5	125.6	73.5	30.6	0.0
27.5°	359.2	266.8	191.7	129.2	75.6	31.3	0.0
25°	367.6	272.3	196.4	132.6	77.5	31.9	0.0
22.5°	374.4	277.1	200.4	135.6	79.3	32.5	0.0
20°	379.8	281.8	203.7	138.2	80.8	33.1	0.0
17.5°	384.6	285.7	206.4	140.4	82.2	33.6	0.0
15°	388.5	288.8	208.4	142.3	83.3	34.0	0.0
12.5°	390.8	291.0	209.9	143.9	84.3	34.3	0.0
10°	391.8	292.5	210.8	145.1	85.1	34.6	0.0
7.5°	391.3	293.1	211.1	145.9	85.6	34.8	0.0
5°	389.6	292.8	210.8	146.3	86.0	34.9	0.0
2.5°	386.6	291.8	210.0	146.4	86.2	35.0	0.0
0°	382.5	290.0	208.7	146.2	86.2	35.0	0.0
-2.5°	378.1	287.3	207.7	145.5	86.0	35.0	0.0
-5°	372.7	283.8	206.2	144.5	85.6	35.0	0.0
-7.5°	366.3	279.6	204.3	143.2	85.0	34.9	0.0
-10°	358.9	274.8	201.8	141.5	84.2	34.8	0.0
-12.5°	350.7	269.3	199.0	139.6	83.3	34.6	0.0
-15°	341.6	263.4	195.6	137.3	82.2	34.3	0.0
-17.5°	331.7	256.9	191.9	134.7	80.9	33.9	0.0
-20°	321.4	250.0	187.7	131.9	79.4	33.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	311.2	242.7	183.1	128.8	77.8	33.0	0.0
-25°	300.3	235.4	178.0	125.4	76.0	32.4	0.0
-27.5°	288.9	227.7	172.6	121.7	74.1	31.8	0.0
-30°	277.0	219.6	166.8	117.8	72.0	31.1	0.0
-32.5°	264.6	211.0	160.9	113.7	69.8	30.4	0.0
-35°	253.0	202.0	154.6	109.4	67.5	29.5	0.0
-37.5°	241.5	193.0	148.0	104.8	65.0	28.7	0.0
-40°	229.6	184.2	141.1	100.1	62.5	27.7	0.0
-42.5°	217.4	175.2	134.2	95.2	59.8	26.7	0.0
-45°	204.7	165.9	127.4	90.1	57.0	25.7	0.0
-47.5°	191.7	156.4	120.4	84.8	54.1	24.6	0.0
-50°	179.8	146.6	113.1	80.1	51.1	23.4	0.0
-52.5°	168.0	136.6	105.6	75.4	48.0	22.2	0.0
-55°	155.9	126.9	97.9	70.6	44.8	20.9	0.0
-57.5°	143.7	117.1	90.0	65.7	41.5	19.6	0.0
-60°	131.3	107.1	82.0	60.7	38.2	18.3	0.0
-62.5°	119.2	96.9	75.2	55.5	35.3	16.9	0.0
-65°	107.0	86.6	68.3	50.3	32.4	15.5	0.0
-67.5°	94.5	77.0	61.2	44.9	29.4	14.0	0.0
-70°	81.9	68.1	54.1	39.5	26.3	12.6	0.0
-72.5°	71.1	59.2	46.8	34.6	23.1	11.1	0.0
-75°	60.4	50.1	39.5	29.8	19.9	9.5	0.0
-77.5°	49.7	41.0	32.8	24.9	16.7	8.0	0.0
-80°	38.8	32.6	26.3	20.0	13.4	6.4	0.0
-82.5°	29.1	24.5	19.8	15.0	10.1	4.8	0.0
-85°	19.4	16.3	13.2	10.0	6.7	3.2	0.0
-87.5°	9.7	8.2	6.6	5.0	3.4	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)