

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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-930-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

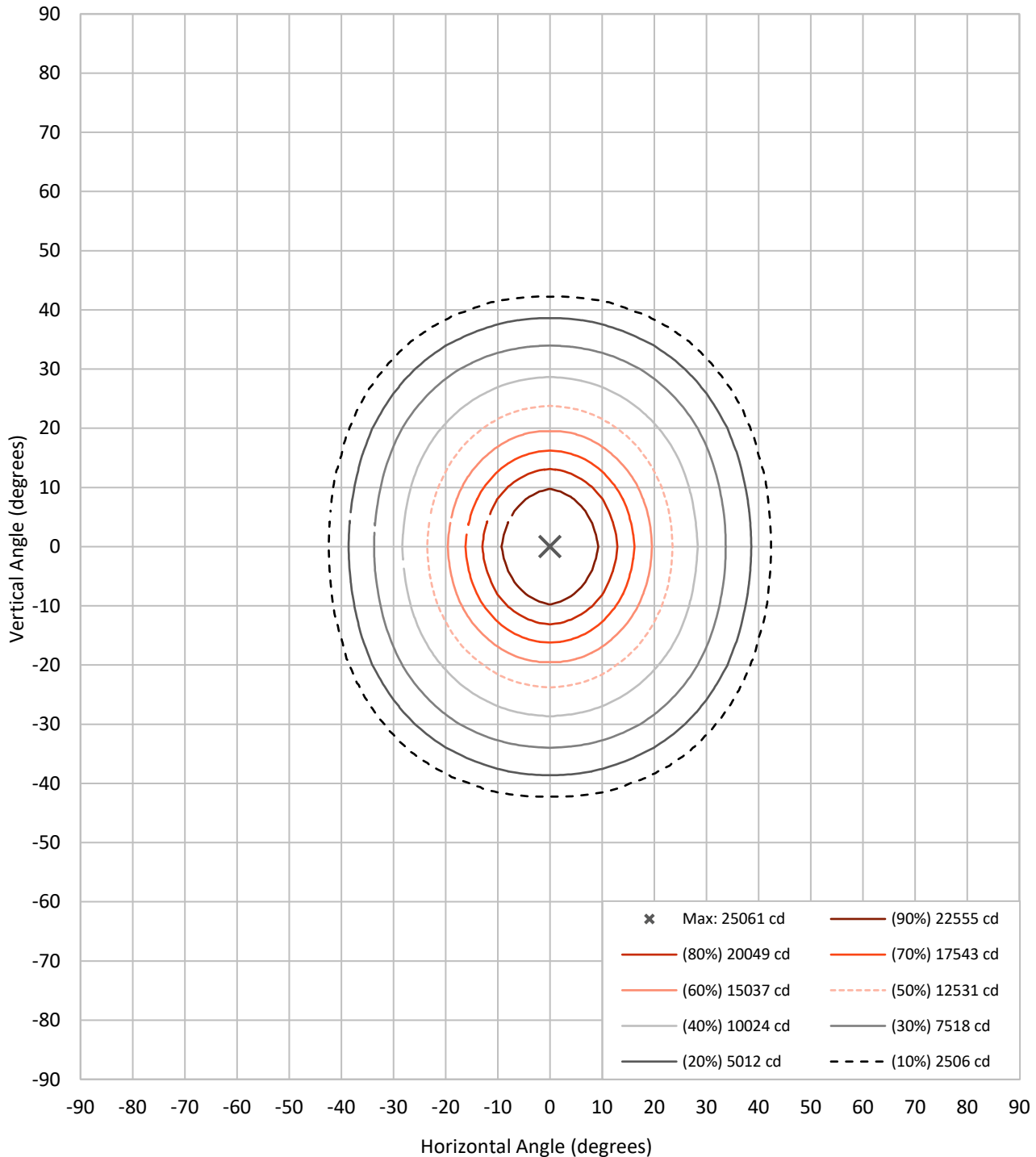
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19508.6 lumens	Max Intensity:	25061 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	9205.5 lumens	Field Lumens:	17713.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 217
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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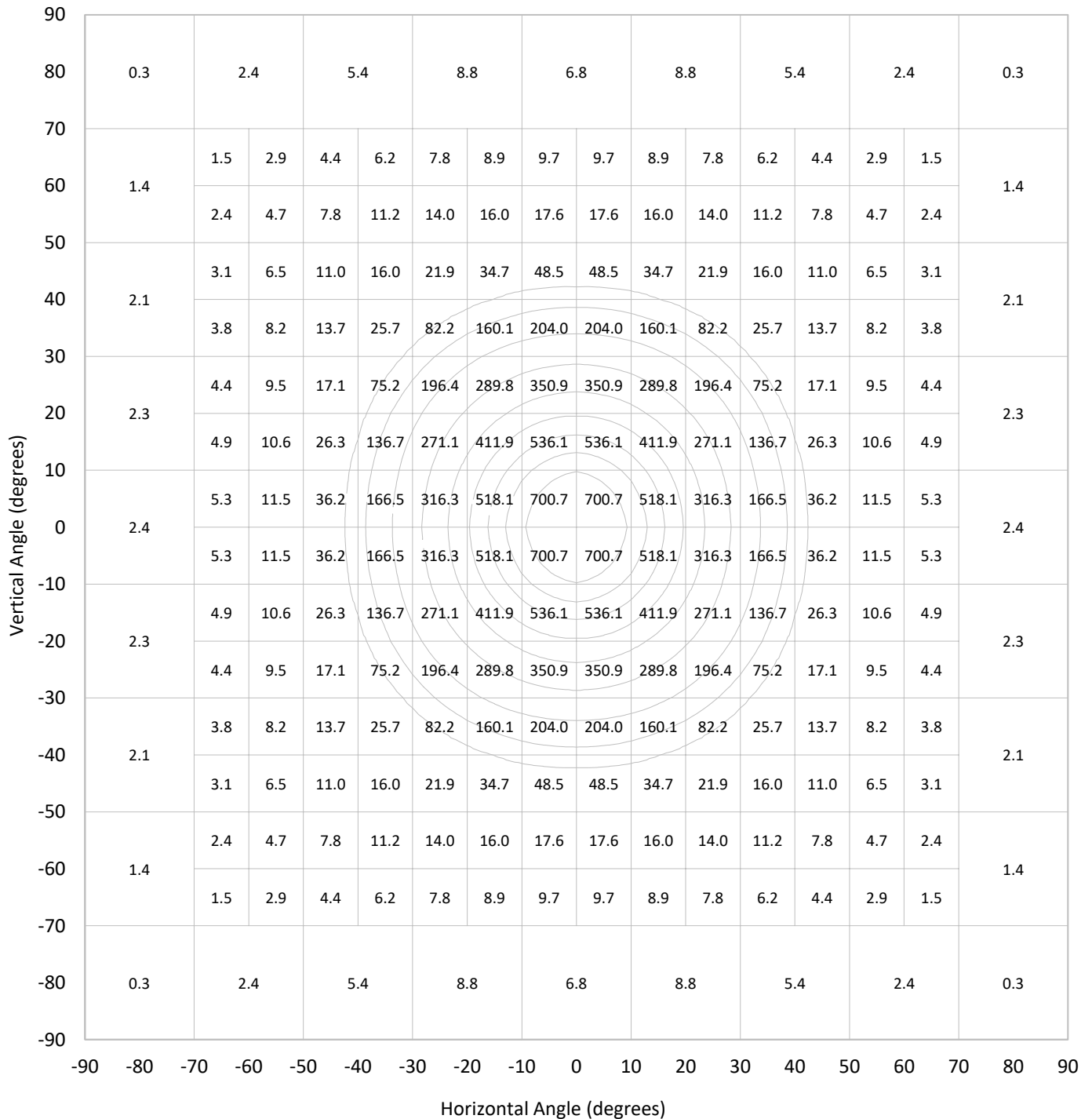
Iso-Candela Plot





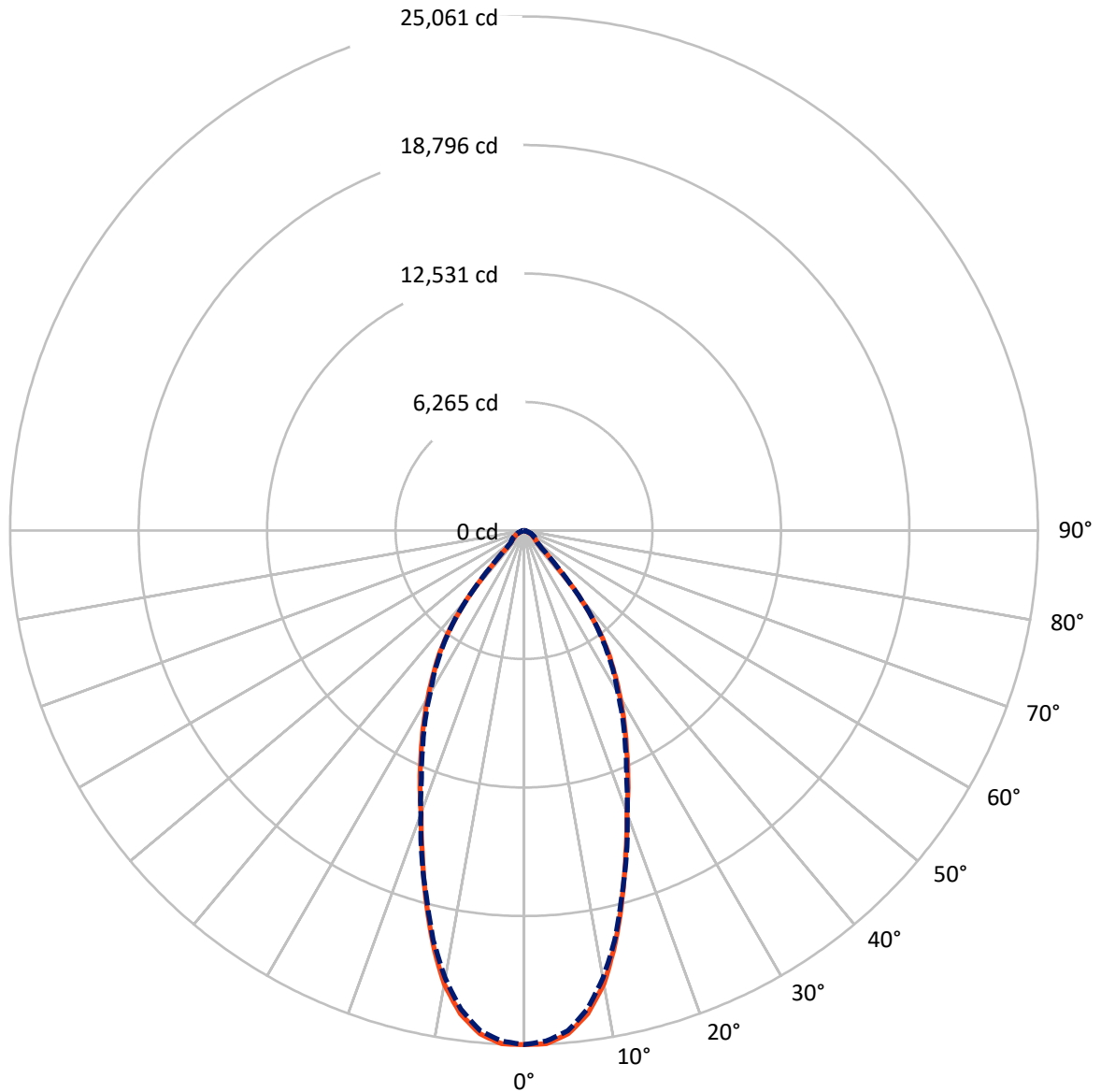
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Lumen Table



REPORT NUMBER: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
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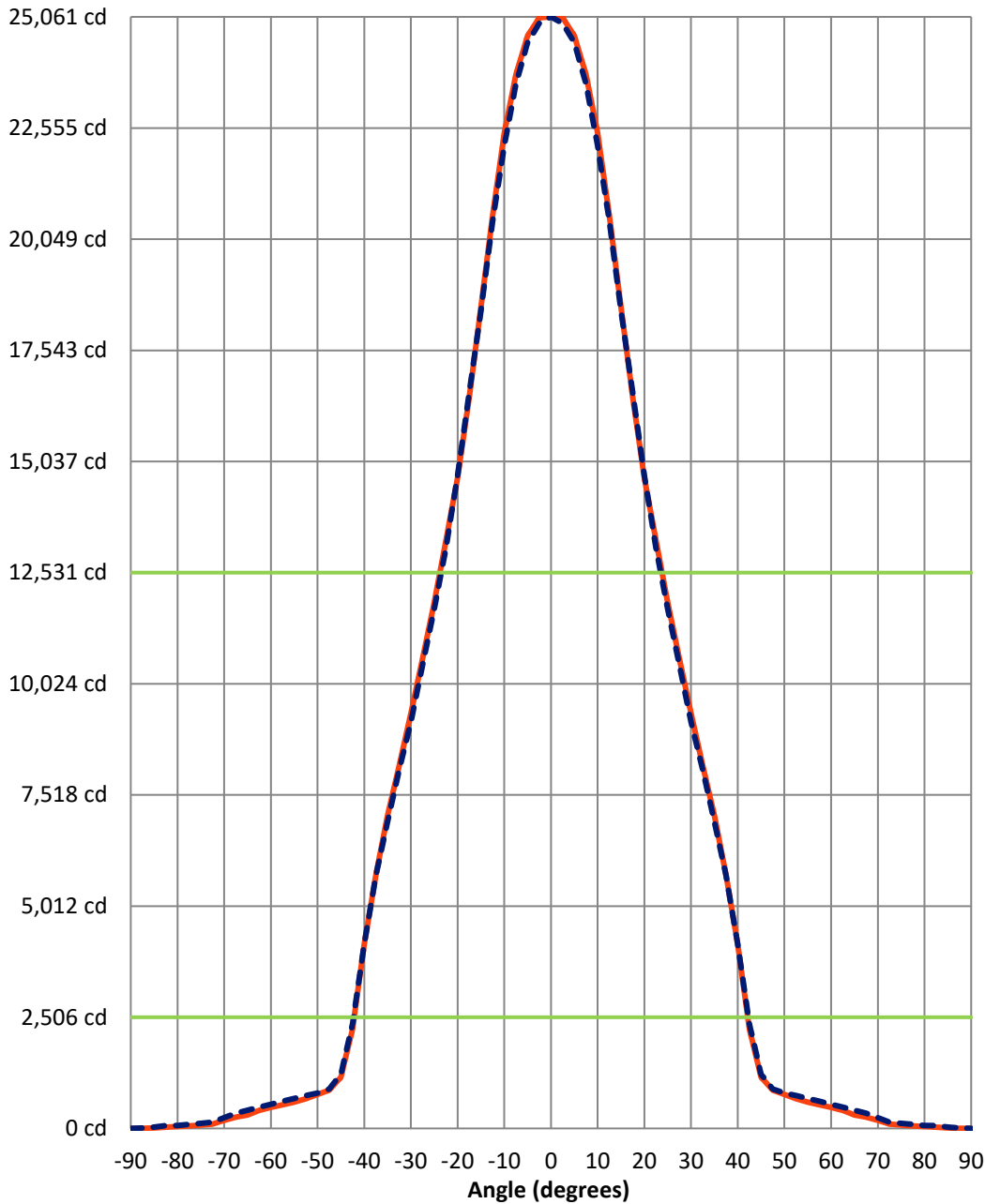
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 9205.5
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 17713.8
 Efficiency: 90.8%

Spill:
 Lumens: 1794.8
 Efficiency: 9.2%

- 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	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.2	4.5	4.8
85°	0.0	0.8	1.6	2.7	3.9	5.3	6.8	7.7	8.4	9.0	9.6
82.5°	0.0	1.2	2.5	4.0	5.9	7.9	10.2	11.5	12.9	15.5	17.4
80°	0.0	1.6	3.3	5.4	7.8	10.5	14.1	18.7	22.3	25.1	27.0
77.5°	0.0	2.0	4.1	6.7	9.7	14.3	22.1	27.6	31.7	34.7	37.5
75°	0.0	2.4	4.9	7.9	12.0	20.4	29.9	36.5	41.4	46.6	50.5
72.5°	0.0	2.8	5.6	9.2	16.4	26.4	37.6	46.1	53.4	59.2	63.6
70°	0.0	3.2	6.4	10.8	20.8	32.2	45.3	57.3	65.4	72.1	82.4
67.5°	0.0	3.6	7.2	13.7	25.0	37.8	54.2	68.5	77.6	88.3	101.9
65°	0.0	4.0	7.9	16.5	29.0	43.8	62.7	79.7	90.3	103.9	120.2
62.5°	0.0	4.3	8.7	19.3	32.9	50.2	70.9	89.8	102.5	118.9	137.2
60°	0.0	4.7	9.4	21.9	36.7	56.3	78.6	99.1	114.0	134.0	153.9
57.5°	0.0	5.0	11.0	24.4	40.9	62.0	83.9	107.2	126.8	148.9	168.4
55°	0.0	5.4	12.7	26.8	45.0	67.4	88.4	113.2	139.9	163.0	181.9
52.5°	0.0	5.7	14.2	29.1	48.8	72.0	92.2	121.3	152.7	175.0	195.1
50°	0.0	6.0	15.7	31.3	52.4	74.3	95.4	128.9	164.6	186.7	209.7
47.5°	0.0	6.3	17.1	33.4	55.7	76.2	98.3	135.6	174.7	198.0	224.0
45°	0.0	6.6	18.5	35.6	58.7	77.6	103.1	141.3	179.9	210.3	237.7
42.5°	0.0	6.9	19.8	37.6	61.4	78.5	107.1	145.3	183.9	222.1	251.7
40°	0.0	7.2	21.0	39.8	62.8	78.9	110.4	147.9	187.4	232.6	265.3
37.5°	0.0	7.5	22.2	42.0	63.0	78.9	112.9	149.8	191.3	237.7	278.3
35°	0.0	7.7	23.3	44.2	62.9	79.9	114.8	150.8	194.5	245.3	290.8
32.5°	0.0	7.9	24.3	46.3	62.6	81.2	115.7	151.1	197.1	254.5	302.1
30°	0.0	8.1	25.2	48.3	61.9	81.9	115.6	151.1	199.1	265.3	313.3
27.5°	0.0	8.3	26.1	50.3	62.6	82.1	114.9	152.1	203.0	277.4	324.3
25°	0.0	8.5	26.9	52.2	63.3	81.8	113.6	152.5	211.2	287.5	335.0
22.5°	0.0	8.7	27.6	53.9	64.0	82.0	111.8	152.3	219.7	295.8	348.3
20°	0.0	8.8	28.2	55.6	64.5	84.2	109.5	151.5	228.4	303.6	360.3
17.5°	0.0	9.0	28.7	57.2	64.9	86.0	109.6	150.1	236.9	310.9	371.0
15°	0.0	9.1	29.1	58.6	65.2	87.7	111.3	149.6	245.2	317.4	380.4
12.5°	0.0	9.2	29.5	59.9	65.5	89.0	112.6	150.3	250.8	323.3	388.5
10°	0.0	9.3	29.8	61.0	65.7	90.2	113.6	149.9	253.1	328.1	395.4
7.5°	0.0	9.3	30.0	62.0	65.8	91.1	114.3	148.7	253.4	332.8	401.2
5°	0.0	9.4	30.1	62.9	65.9	91.7	114.8	146.7	251.6	337.1	405.6
2.5°	0.0	9.4	30.1	63.5	65.9	92.1	114.9	144.2	248.0	340.4	408.6
0°	0.0	9.4	30.1	64.0	65.9	92.2	114.8	141.1	242.7	342.4	410.2
-2.5°	0.0	9.4	30.1	63.5	65.9	92.1	114.9	144.2	248.0	340.4	408.6
-5°	0.0	9.4	30.1	62.9	65.9	91.7	114.8	146.7	251.6	337.1	405.6
-7.5°	0.0	9.3	30.0	62.0	65.8	91.1	114.3	148.7	253.4	332.8	401.2
-10°	0.0	9.3	29.8	61.0	65.7	90.2	113.6	149.9	253.1	328.1	395.4
-12.5°	0.0	9.2	29.5	59.9	65.5	89.0	112.6	150.3	250.8	323.3	388.5
-15°	0.0	9.1	29.1	58.6	65.2	87.7	111.3	149.6	245.2	317.4	380.4
-17.5°	0.0	9.0	28.7	57.2	64.9	86.0	109.6	150.1	236.9	310.9	371.0
-20°	0.0	8.8	28.2	55.6	64.5	84.2	109.5	151.5	228.4	303.6	360.3



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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°	0.0	8.7	27.6	53.9	64.0	82.0	111.8	152.3	219.7	295.8	348.3
-25°	0.0	8.5	26.9	52.2	63.3	81.8	113.6	152.5	211.2	287.5	335.0
-27.5°	0.0	8.3	26.1	50.3	62.6	82.1	114.9	152.1	203.0	277.4	324.3
-30°	0.0	8.1	25.2	48.3	61.9	81.9	115.6	151.1	199.1	265.3	313.3
-32.5°	0.0	7.9	24.3	46.3	62.6	81.2	115.7	151.1	197.1	254.5	302.1
-35°	0.0	7.7	23.3	44.2	62.9	79.9	114.8	150.8	194.5	245.3	290.8
-37.5°	0.0	7.5	22.2	42.0	63.0	78.9	112.9	149.8	191.3	237.7	278.3
-40°	0.0	7.2	21.0	39.8	62.8	78.9	110.4	147.9	187.4	232.6	265.3
-42.5°	0.0	6.9	19.8	37.6	61.4	78.5	107.1	145.3	183.9	222.1	251.7
-45°	0.0	6.6	18.5	35.6	58.7	77.6	103.1	141.3	179.9	210.3	237.7
-47.5°	0.0	6.3	17.1	33.4	55.7	76.2	98.3	135.6	174.7	198.0	224.0
-50°	0.0	6.0	15.7	31.3	52.4	74.3	95.4	128.9	164.6	186.7	209.7
-52.5°	0.0	5.7	14.2	29.1	48.8	72.0	92.2	121.3	152.7	175.0	195.1
-55°	0.0	5.4	12.7	26.8	45.0	67.4	88.4	113.2	139.9	163.0	181.9
-57.5°	0.0	5.0	11.0	24.4	40.9	62.0	83.9	107.2	126.8	148.9	168.4
-60°	0.0	4.7	9.4	21.9	36.7	56.3	78.6	99.1	114.0	134.0	153.9
-62.5°	0.0	4.3	8.7	19.3	32.9	50.2	70.9	89.8	102.5	118.9	137.2
-65°	0.0	4.0	7.9	16.5	29.0	43.8	62.7	79.7	90.3	103.9	120.2
-67.5°	0.0	3.6	7.2	13.7	25.0	37.8	54.2	68.5	77.6	88.3	101.9
-70°	0.0	3.2	6.4	10.8	20.8	32.2	45.3	57.3	65.4	72.1	82.4
-72.5°	0.0	2.8	5.6	9.2	16.4	26.4	37.6	46.1	53.4	59.2	63.6
-75°	0.0	2.4	4.9	7.9	12.0	20.4	29.9	36.5	41.4	46.6	50.5
-77.5°	0.0	2.0	4.1	6.7	9.7	14.3	22.1	27.6	31.7	34.7	37.5
-80°	0.0	1.6	3.3	5.4	7.8	10.5	14.1	18.7	22.3	25.1	27.0
-82.5°	0.0	1.2	2.5	4.0	5.9	7.9	10.2	11.5	12.9	15.5	17.4
-85°	0.0	0.8	1.6	2.7	3.9	5.3	6.8	7.7	8.4	9.0	9.6
-87.5°	0.0	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.2	4.5	4.8
-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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.7	4.5	4.3	4.0	3.6	3.2	2.7	2.8	2.9	3.0
85°	9.6	9.4	10.2	10.8	11.1	11.1	10.7	10.1	11.6	13.3	15.1
82.5°	19.1	20.7	22.3	23.8	23.8	23.3	22.5	21.6	24.9	28.9	33.3
80°	29.5	32.0	35.6	39.4	40.4	40.1	38.8	36.7	41.3	48.0	55.6
77.5°	42.1	47.2	52.4	57.5	58.8	57.8	55.3	51.4	57.2	68.0	80.0
75°	55.9	62.4	70.6	77.0	78.4	76.1	72.3	68.9	76.0	89.4	102.3
72.5°	73.1	83.6	91.7	97.4	97.8	95.7	93.8	92.1	99.9	115.8	129.1
70°	94.9	105.5	111.8	115.2	116.0	117.3	122.6	127.7	135.5	149.1	159.9
67.5°	116.5	124.9	130.6	134.7	142.8	150.5	157.9	165.4	174.2	185.7	194.0
65°	135.8	144.4	151.9	161.7	173.5	182.8	192.6	203.3	215.4	226.3	234.2
62.5°	154.8	164.1	174.6	187.5	201.2	213.7	228.2	243.1	257.5	269.8	283.3
60°	170.5	182.9	196.9	212.5	229.0	248.0	265.5	282.6	298.4	313.8	332.7
57.5°	185.4	202.2	219.4	238.0	259.6	282.8	303.3	322.1	341.8	364.1	382.8
55°	201.0	222.1	241.9	264.4	290.2	318.1	340.6	361.8	386.1	412.9	433.7
52.5°	217.9	241.2	264.4	291.4	322.5	350.3	373.8	400.3	429.8	458.8	483.0
50°	234.3	260.0	286.9	321.2	352.1	378.7	407.8	439.7	470.5	500.4	529.0
47.5°	250.8	278.3	314.0	349.1	378.0	409.1	443.1	475.9	508.3	539.5	569.5
45°	267.0	299.6	339.3	372.6	404.7	440.4	475.5	510.0	544.1	577.2	609.9
42.5°	282.6	320.5	360.5	395.3	432.3	469.6	506.4	542.8	578.7	614.2	649.1
40°	299.6	339.6	381.6	419.6	458.2	497.2	535.9	574.3	612.2	649.8	686.8
37.5°	315.3	359.3	403.1	442.9	482.7	523.4	563.9	604.7	644.7	683.8	726.0
35°	329.4	379.3	423.5	465.2	506.9	548.2	591.2	634.0	676.1	718.6	772.4
32.5°	345.2	399.4	442.7	486.8	529.9	572.4	617.1	662.4	707.2	756.8	834.2
30°	363.0	416.2	461.0	507.3	551.5	596.2	642.3	689.6	736.7	814.0	992.5
27.5°	380.3	431.7	478.8	526.1	571.6	618.1	666.4	715.3	781.1	899.8	1189.4
25°	396.3	446.5	495.4	543.4	590.3	638.5	688.4	739.3	828.6	1068.4	1708.1
22.5°	409.9	460.8	511.7	559.2	607.3	657.0	708.9	776.5	914.5	1238.5	2285.3
20°	421.4	474.5	526.4	575.8	623.1	673.5	727.5	811.9	1044.9	1724.4	2977.0
17.5°	432.1	486.9	540.1	591.6	641.3	690.7	746.1	842.5	1162.3	2146.7	3672.5
15°	442.0	497.9	552.7	606.5	657.9	709.4	775.5	929.3	1399.8	2565.9	4292.0
12.5°	450.9	507.7	564.2	620.2	672.8	726.0	801.9	1015.6	1690.8	3057.7	4714.8
10°	458.6	516.1	574.6	632.7	686.0	740.6	824.3	1086.4	1929.9	3462.1	5054.6
7.5°	465.8	524.1	584.1	643.8	697.3	753.1	842.5	1141.7	2114.7	3766.7	5325.7
5°	471.9	532.0	595.4	655.9	711.5	766.8	858.1	1181.5	2244.5	3972.0	5523.2
2.5°	476.6	538.6	605.3	666.6	727.3	783.3	876.0	1210.8	2328.1	4102.8	5649.5
0°	479.8	543.7	613.4	675.4	741.3	797.7	889.9	1224.8	2359.3	4150.5	5697.0
-2.5°	476.6	538.6	605.3	666.6	727.3	783.3	876.0	1210.8	2328.1	4102.8	5649.5
-5°	471.9	532.0	595.4	655.9	711.5	766.8	858.1	1181.5	2244.5	3972.0	5523.2
-7.5°	465.8	524.1	584.1	643.8	697.3	753.1	842.5	1141.7	2114.7	3766.7	5325.7
-10°	458.6	516.1	574.6	632.7	686.0	740.6	824.3	1086.4	1929.9	3462.1	5054.6
-12.5°	450.9	507.7	564.2	620.2	672.8	726.0	801.9	1015.6	1690.8	3057.7	4714.8
-15°	442.0	497.9	552.7	606.5	657.9	709.4	775.5	929.3	1399.8	2565.9	4292.0
-17.5°	432.1	486.9	540.1	591.6	641.3	690.7	746.1	842.5	1162.3	2146.7	3672.5
-20°	421.4	474.5	526.4	575.8	623.1	673.5	727.5	811.9	1044.9	1724.4	2977.0



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 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	409.9	460.8	511.7	559.2	607.3	657.0	708.9	776.5	914.5	1238.5	2285.3
-25°	396.3	446.5	495.4	543.4	590.3	638.5	688.4	739.3	828.6	1068.4	1708.1
-27.5°	380.3	431.7	478.8	526.1	571.6	618.1	666.4	715.3	781.1	899.8	1189.4
-30°	363.0	416.2	461.0	507.3	551.5	596.2	642.3	689.6	736.7	814.0	992.5
-32.5°	345.2	399.4	442.7	486.8	529.9	572.4	617.1	662.4	707.2	756.8	834.2
-35°	329.4	379.3	423.5	465.2	506.9	548.2	591.2	634.0	676.1	718.6	772.4
-37.5°	315.3	359.3	403.1	442.9	482.7	523.4	563.9	604.7	644.7	683.8	726.0
-40°	299.6	339.6	381.6	419.6	458.2	497.2	535.9	574.3	612.2	649.8	686.8
-42.5°	282.6	320.5	360.5	395.3	432.3	469.6	506.4	542.8	578.7	614.2	649.1
-45°	267.0	299.6	339.3	372.6	404.7	440.4	475.5	510.0	544.1	577.2	609.9
-47.5°	250.8	278.3	314.0	349.1	378.0	409.1	443.1	475.9	508.3	539.5	569.5
-50°	234.3	260.0	286.9	321.2	352.1	378.7	407.8	439.7	470.5	500.4	529.0
-52.5°	217.9	241.2	264.4	291.4	322.5	350.3	373.8	400.3	429.8	458.8	483.0
-55°	201.0	222.1	241.9	264.4	290.2	318.1	340.6	361.8	386.1	412.9	433.7
-57.5°	185.4	202.2	219.4	238.0	259.6	282.8	303.3	322.1	341.8	364.1	382.8
-60°	170.5	182.9	196.9	212.5	229.0	248.0	265.5	282.6	298.4	313.8	332.7
-62.5°	154.8	164.1	174.6	187.5	201.2	213.7	228.2	243.1	257.5	269.8	283.3
-65°	135.8	144.4	151.9	161.7	173.5	182.8	192.6	203.3	215.4	226.3	234.2
-67.5°	116.5	124.9	130.6	134.7	142.8	150.5	157.9	165.4	174.2	185.7	194.0
-70°	94.9	105.5	111.8	115.2	116.0	117.3	122.6	127.7	135.5	149.1	159.9
-72.5°	73.1	83.6	91.7	97.4	97.8	95.7	93.8	92.1	99.9	115.8	129.1
-75°	55.9	62.4	70.6	77.0	78.4	76.1	72.3	68.9	76.0	89.4	102.3
-77.5°	42.1	47.2	52.4	57.5	58.8	57.8	55.3	51.4	57.2	68.0	80.0
-80°	29.5	32.0	35.6	39.4	40.4	40.1	38.8	36.7	41.3	48.0	55.6
-82.5°	19.1	20.7	22.3	23.8	23.8	23.3	22.5	21.6	24.9	28.9	33.3
-85°	9.6	9.4	10.2	10.8	11.1	11.1	10.7	10.1	11.6	13.3	15.1
-87.5°	4.8	4.7	4.5	4.3	4.0	3.6	3.2	2.7	2.8	2.9	3.0
-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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.2	2.8
85°	17.0	16.5	15.6	14.4	13.0	13.7	14.5	15.3	16.0	14.9	13.8
82.5°	38.0	38.5	38.5	38.4	38.1	39.8	41.4	42.7	43.9	40.6	36.7
80°	64.0	67.0	68.8	70.4	71.8	71.8	70.9	69.2	66.8	61.1	54.8
77.5°	92.4	97.2	99.6	102.0	104.4	105.3	105.9	106.6	107.2	97.3	84.6
75°	114.6	121.7	125.8	129.7	133.2	135.3	136.4	137.1	137.5	125.5	110.0
72.5°	139.8	146.8	151.7	156.5	160.9	163.8	165.5	166.8	167.7	157.2	142.4
70°	167.6	173.1	179.0	184.9	190.4	194.1	196.5	198.5	199.9	198.9	198.1
67.5°	200.5	205.3	212.5	218.1	223.9	227.9	232.1	235.4	237.9	240.6	243.8
65°	241.7	253.2	263.8	269.1	269.9	275.7	285.3	291.4	294.5	297.0	300.0
62.5°	298.9	313.0	320.6	329.5	341.2	351.9	356.0	361.6	368.2	376.3	385.5
60°	348.0	359.7	371.8	384.2	394.8	403.7	413.4	423.1	431.8	439.9	447.7
57.5°	398.2	411.0	423.3	437.8	448.0	454.0	463.4	475.0	483.9	490.9	501.4
55°	450.3	466.8	483.5	496.6	506.2	512.5	519.7	530.8	537.4	539.9	552.1
52.5°	502.6	522.1	542.7	558.1	568.3	577.8	586.6	596.3	603.0	606.2	618.1
50°	551.1	574.4	597.3	617.3	630.9	646.6	664.5	673.3	678.9	685.3	698.6
47.5°	597.2	623.2	647.7	670.4	690.0	707.6	723.0	737.8	759.6	777.0	794.1
45°	641.6	669.3	695.8	721.3	743.1	777.8	810.8	838.9	914.0	977.1	1025.2
42.5°	683.3	716.8	746.7	789.1	835.3	915.3	1038.8	1153.3	1374.8	1660.0	1898.1
40°	726.8	770.2	823.9	906.4	1062.6	1223.2	1703.4	2131.2	2552.0	3030.6	3440.7
37.5°	777.6	843.0	1000.2	1186.8	1687.7	2241.7	2922.1	3590.1	4171.7	4669.4	5084.9
35°	844.9	1047.0	1340.7	2020.5	2760.5	3668.9	4453.2	5081.4	5655.9	6117.1	6464.1
32.5°	1043.2	1412.9	2188.9	3123.8	4141.7	5019.3	5783.2	6384.7	6908.8	7322.1	7643.8
30°	1333.4	2183.1	3237.1	4356.8	5370.7	6208.7	6914.5	7487.8	7955.6	8376.1	8729.1
27.5°	2023.1	3116.6	4355.3	5497.5	6419.7	7204.2	7837.3	8405.2	8921.0	9363.8	9781.2
25°	2777.9	4131.5	5381.0	6420.5	7281.1	8017.1	8684.9	9306.1	9883.6	10401.8	10887.4
22.5°	3684.3	5034.3	6228.5	7190.6	8024.5	8780.6	9489.9	10181.3	10853.5	11485.9	12073.3
20°	4505.0	5830.0	6871.3	7832.1	8698.5	9486.4	10268.1	11073.9	11849.6	12611.4	13318.8
17.5°	5144.5	6377.2	7422.5	8396.4	9278.4	10170.7	11065.3	11990.7	12926.4	13811.1	14657.3
15°	5678.5	6833.6	7893.0	8866.8	9836.5	10821.0	11820.4	12910.7	14023.7	15082.6	16161.1
12.5°	6057.1	7214.5	8288.5	9265.7	10352.8	11421.5	12584.9	13827.5	15112.9	16346.3	17671.2
10°	6361.5	7518.4	8583.3	9637.0	10787.5	11972.5	13277.3	14646.0	16179.8	17640.3	19067.7
7.5°	6622.6	7771.9	8820.3	9939.7	11149.2	12451.6	13870.8	15418.1	17078.0	18703.2	20402.3
5°	6813.7	7944.7	9004.3	10188.0	11427.2	12801.7	14328.5	15981.9	17762.1	19542.8	21223.0
2.5°	6914.8	8043.2	9118.7	10342.0	11590.3	13013.8	14603.9	16356.4	18236.7	20179.7	21836.5
0°	6912.5	8084.6	9162.7	10445.8	11710.2	13078.0	14722.4	16596.3	18430.7	20449.5	22150.4
-2.5°	6914.8	8043.2	9118.7	10342.0	11590.3	13013.8	14603.9	16356.4	18236.7	20179.7	21836.5
-5°	6813.7	7944.7	9004.3	10188.0	11427.2	12801.7	14328.5	15981.9	17762.1	19542.8	21223.0
-7.5°	6622.6	7771.9	8820.3	9939.7	11149.2	12451.6	13870.8	15418.1	17078.0	18703.2	20402.3
-10°	6361.5	7518.4	8583.3	9637.0	10787.5	11972.5	13277.3	14646.0	16179.8	17640.3	19067.7
-12.5°	6057.1	7214.5	8288.5	9265.7	10352.8	11421.5	12584.9	13827.5	15112.9	16346.3	17671.2
-15°	5678.5	6833.6	7893.0	8866.8	9836.5	10821.0	11820.4	12910.7	14023.7	15082.6	16161.1
-17.5°	5144.5	6377.2	7422.5	8396.4	9278.4	10170.7	11065.3	11990.7	12926.4	13811.1	14657.3
-20°	4505.0	5830.0	6871.3	7832.1	8698.5	9486.4	10268.1	11073.9	11849.6	12611.4	13318.8



REPORT NUMBER: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3684.3	5034.3	6228.5	7190.6	8024.5	8780.6	9489.9	10181.3	10853.5	11485.9	12073.3
-25°	2777.9	4131.5	5381.0	6420.5	7281.1	8017.1	8684.9	9306.1	9883.6	10401.8	10887.4
-27.5°	2023.1	3116.6	4355.3	5497.5	6419.7	7204.2	7837.3	8405.2	8921.0	9363.8	9781.2
-30°	1333.4	2183.1	3237.1	4356.8	5370.7	6208.7	6914.5	7487.8	7955.6	8376.1	8729.1
-32.5°	1043.2	1412.9	2188.9	3123.8	4141.7	5019.3	5783.2	6384.7	6908.8	7322.1	7643.8
-35°	844.9	1047.0	1340.7	2020.5	2760.5	3668.9	4453.2	5081.4	5655.9	6117.1	6464.1
-37.5°	777.6	843.0	1000.2	1186.8	1687.7	2241.7	2922.1	3590.1	4171.7	4669.4	5084.9
-40°	726.8	770.2	823.9	906.4	1062.6	1223.2	1703.4	2131.2	2552.0	3030.6	3440.7
-42.5°	683.3	716.8	746.7	789.1	835.3	915.3	1038.8	1153.3	1374.8	1660.0	1898.1
-45°	641.6	669.3	695.8	721.3	743.1	777.8	810.8	838.9	914.0	977.1	1025.2
-47.5°	597.2	623.2	647.7	670.4	690.0	707.6	723.0	737.8	759.6	777.0	794.1
-50°	551.1	574.4	597.3	617.3	630.9	646.6	664.5	673.3	678.9	685.3	698.6
-52.5°	502.6	522.1	542.7	558.1	568.3	577.8	586.6	596.3	603.0	606.2	618.1
-55°	450.3	466.8	483.5	496.6	506.2	512.5	519.7	530.8	537.4	539.9	552.1
-57.5°	398.2	411.0	423.3	437.8	448.0	454.0	463.4	475.0	483.9	490.9	501.4
-60°	348.0	359.7	371.8	384.2	394.8	403.7	413.4	423.1	431.8	439.9	447.7
-62.5°	298.9	313.0	320.6	329.5	341.2	351.9	356.0	361.6	368.2	376.3	385.5
-65°	241.7	253.2	263.8	269.1	269.9	275.7	285.3	291.4	294.5	297.0	300.0
-67.5°	200.5	205.3	212.5	218.1	223.9	227.9	232.1	235.4	237.9	240.6	243.8
-70°	167.6	173.1	179.0	184.9	190.4	194.1	196.5	198.5	199.9	198.9	198.1
-72.5°	139.8	146.8	151.7	156.5	160.9	163.8	165.5	166.8	167.7	157.2	142.4
-75°	114.6	121.7	125.8	129.7	133.2	135.3	136.4	137.1	137.5	125.5	110.0
-77.5°	92.4	97.2	99.6	102.0	104.4	105.3	105.9	106.6	107.2	97.3	84.6
-80°	64.0	67.0	68.8	70.4	71.8	71.8	70.9	69.2	66.8	61.1	54.8
-82.5°	38.0	38.5	38.5	38.4	38.1	39.8	41.4	42.7	43.9	40.6	36.7
-85°	17.0	16.5	15.6	14.4	13.0	13.7	14.5	15.3	16.0	14.9	13.8
-87.5°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.2	2.8
-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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.2	3.7	3.6
85°	12.5	11.2	11.3	11.3	11.3	11.2	12.5	13.8	14.9	16.0	15.3
82.5°	32.5	28.1	28.2	28.2	28.2	28.1	32.5	36.7	40.6	43.9	42.7
80°	48.2	41.4	42.3	43.3	42.3	41.4	48.2	54.8	61.1	66.8	69.2
77.5°	71.0	56.8	56.3	56.4	56.3	56.8	71.0	84.6	97.3	107.2	106.6
75°	94.1	77.8	77.0	77.1	77.0	77.8	94.1	110.0	125.5	137.5	137.1
72.5°	127.2	111.6	104.5	97.8	104.5	111.6	127.2	142.4	157.2	167.7	166.8
70°	198.3	198.7	191.8	182.5	191.8	198.7	198.3	198.1	198.9	199.9	198.5
67.5°	246.4	248.4	251.4	254.0	251.4	248.4	246.4	243.8	240.6	237.9	235.4
65°	301.4	301.3	302.4	302.9	302.4	301.3	301.4	300.0	297.0	294.5	291.4
62.5°	393.4	399.7	404.2	406.4	404.2	399.7	393.4	385.5	376.3	368.2	361.6
60°	454.2	459.4	466.8	474.1	466.8	459.4	454.2	447.7	439.9	431.8	423.1
57.5°	511.2	520.0	527.2	532.5	527.2	520.0	511.2	501.4	490.9	483.9	475.0
55°	563.7	573.9	583.8	592.7	583.8	573.9	563.7	552.1	539.9	537.4	530.8
52.5°	629.7	638.1	652.1	669.8	652.1	638.1	629.7	618.1	606.2	603.0	596.3
50°	713.9	726.7	744.4	765.8	744.4	726.7	713.9	698.6	685.3	678.9	673.3
47.5°	811.4	824.3	841.2	863.6	841.2	824.3	811.4	794.1	777.0	759.6	737.8
45°	1069.2	1099.3	1126.8	1157.1	1126.8	1099.3	1069.2	1025.2	977.1	914.0	838.9
42.5°	2088.9	2220.9	2277.9	2244.6	2277.9	2220.9	2088.9	1898.1	1660.0	1374.8	1153.3
40°	3753.4	3972.8	4101.8	4146.7	4101.8	3972.8	3753.4	3440.7	3030.6	2552.0	2131.2
37.5°	5388.4	5590.3	5699.2	5712.1	5699.2	5590.3	5388.4	5084.9	4669.4	4171.7	3590.1
35°	6714.7	6881.0	6979.6	7053.6	6979.6	6881.0	6714.7	6464.1	6117.1	5655.9	5081.4
32.5°	7905.8	8095.4	8205.0	8180.6	8205.0	8095.4	7905.8	7643.8	7322.1	6908.8	6384.7
30°	9018.5	9225.9	9354.6	9358.4	9354.6	9225.9	9018.5	8729.1	8376.1	7955.6	7487.8
27.5°	10118.6	10351.4	10485.6	10590.7	10485.6	10351.4	10118.6	9781.2	9363.8	8921.0	8405.2
25°	11292.2	11582.3	11754.6	11858.8	11754.6	11582.3	11292.2	10887.4	10401.8	9883.6	9306.1
22.5°	12557.6	12916.9	13153.0	13251.1	13153.0	12916.9	12557.6	12073.3	11485.9	10853.5	10181.3
20°	13934.0	14379.3	14680.7	14671.6	14680.7	14379.3	13934.0	13318.8	12611.4	11849.6	11073.9
17.5°	15469.8	16044.2	16432.9	16489.1	16432.9	16044.2	15469.8	14657.3	13811.1	12926.4	11990.7
15°	17116.4	17856.8	18359.6	18515.4	18359.6	17856.8	17116.4	16161.1	15082.6	14023.7	12910.7
12.5°	18803.6	19684.4	20354.6	20577.5	20354.6	19684.4	18803.6	17671.2	16346.3	15112.9	13827.5
10°	20411.3	21386.9	22114.4	22436.3	22114.4	21386.9	20411.3	19067.7	17640.3	16179.8	14646.0
7.5°	21755.2	22746.5	23495.8	23760.9	23495.8	22746.5	21755.2	20402.3	18703.2	17078.0	15418.1
5°	22640.6	23723.6	24306.3	24633.9	24306.3	23723.6	22640.6	21223.0	19542.8	17762.1	15981.9
2.5°	23232.2	24150.5	24740.6	25042.2	24740.6	24150.5	23232.2	21836.5	20179.7	18236.7	16356.4
0°	23546.4	24481.5	24914.2	25061.0	24914.2	24481.5	23546.4	22150.4	20449.5	18430.7	16596.3
-2.5°	23232.2	24150.5	24740.6	25042.2	24740.6	24150.5	23232.2	21836.5	20179.7	18236.7	16356.4
-5°	22640.6	23723.6	24306.3	24633.9	24306.3	23723.6	22640.6	21223.0	19542.8	17762.1	15981.9
-7.5°	21755.2	22746.5	23495.8	23760.9	23495.8	22746.5	21755.2	20402.3	18703.2	17078.0	15418.1
-10°	20411.3	21386.9	22114.4	22436.3	22114.4	21386.9	20411.3	19067.7	17640.3	16179.8	14646.0
-12.5°	18803.6	19684.4	20354.6	20577.5	20354.6	19684.4	18803.6	17671.2	16346.3	15112.9	13827.5
-15°	17116.4	17856.8	18359.6	18515.4	18359.6	17856.8	17116.4	16161.1	15082.6	14023.7	12910.7
-17.5°	15469.8	16044.2	16432.9	16489.1	16432.9	16044.2	15469.8	14657.3	13811.1	12926.4	11990.7
-20°	13934.0	14379.3	14680.7	14671.6	14680.7	14379.3	13934.0	13318.8	12611.4	11849.6	11073.9



REPORT NUMBER: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12557.6	12916.9	13153.0	13251.1	13153.0	12916.9	12557.6	12073.3	11485.9	10853.5	10181.3
-25°	11292.2	11582.3	11754.6	11858.8	11754.6	11582.3	11292.2	10887.4	10401.8	9883.6	9306.1
-27.5°	10118.6	10351.4	10485.6	10590.7	10485.6	10351.4	10118.6	9781.2	9363.8	8921.0	8405.2
-30°	9018.5	9225.9	9354.6	9358.4	9354.6	9225.9	9018.5	8729.1	8376.1	7955.6	7487.8
-32.5°	7905.8	8095.4	8205.0	8180.6	8205.0	8095.4	7905.8	7643.8	7322.1	6908.8	6384.7
-35°	6714.7	6881.0	6979.6	7053.6	6979.6	6881.0	6714.7	6464.1	6117.1	5655.9	5081.4
-37.5°	5388.4	5590.3	5699.2	5712.1	5699.2	5590.3	5388.4	5084.9	4669.4	4171.7	3590.1
-40°	3753.4	3972.8	4101.8	4146.7	4101.8	3972.8	3753.4	3440.7	3030.6	2552.0	2131.2
-42.5°	2088.9	2220.9	2277.9	2244.6	2277.9	2220.9	2088.9	1898.1	1660.0	1374.8	1153.3
-45°	1069.2	1099.3	1126.8	1157.1	1126.8	1099.3	1069.2	1025.2	977.1	914.0	838.9
-47.5°	811.4	824.3	841.2	863.6	841.2	824.3	811.4	794.1	777.0	759.6	737.8
-50°	713.9	726.7	744.4	765.8	744.4	726.7	713.9	698.6	685.3	678.9	673.3
-52.5°	629.7	638.1	652.1	669.8	652.1	638.1	629.7	618.1	606.2	603.0	596.3
-55°	563.7	573.9	583.8	592.7	583.8	573.9	563.7	552.1	539.9	537.4	530.8
-57.5°	511.2	520.0	527.2	532.5	527.2	520.0	511.2	501.4	490.9	483.9	475.0
-60°	454.2	459.4	466.8	474.1	466.8	459.4	454.2	447.7	439.9	431.8	423.1
-62.5°	393.4	399.7	404.2	406.4	404.2	399.7	393.4	385.5	376.3	368.2	361.6
-65°	301.4	301.3	302.4	302.9	302.4	301.3	301.4	300.0	297.0	294.5	291.4
-67.5°	246.4	248.4	251.4	254.0	251.4	248.4	246.4	243.8	240.6	237.9	235.4
-70°	198.3	198.7	191.8	182.5	191.8	198.7	198.3	198.1	198.9	199.9	198.5
-72.5°	127.2	111.6	104.5	97.8	104.5	111.6	127.2	142.4	157.2	167.7	166.8
-75°	94.1	77.8	77.0	77.1	77.0	77.8	94.1	110.0	125.5	137.5	137.1
-77.5°	71.0	56.8	56.3	56.4	56.3	56.8	71.0	84.6	97.3	107.2	106.6
-80°	48.2	41.4	42.3	43.3	42.3	41.4	48.2	54.8	61.1	66.8	69.2
-82.5°	32.5	28.1	28.2	28.2	28.2	28.1	32.5	36.7	40.6	43.9	42.7
-85°	12.5	11.2	11.3	11.3	11.3	11.2	12.5	13.8	14.9	16.0	15.3
-87.5°	2.4	1.9	1.9	1.9	1.9	1.9	2.4	2.8	3.2	3.7	3.6
-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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
85°	14.5	13.7	13.0	14.4	15.6	16.5	17.0	15.1	13.3	11.6	10.1
82.5°	41.4	39.8	38.1	38.4	38.5	38.5	38.0	33.3	28.9	24.9	21.6
80°	70.9	71.8	71.8	70.4	68.8	67.0	64.0	55.6	48.0	41.3	36.7
77.5°	105.9	105.3	104.4	102.0	99.6	97.2	92.4	80.0	68.0	57.2	51.4
75°	136.4	135.3	133.2	129.7	125.8	121.7	114.6	102.3	89.4	76.0	68.9
72.5°	165.5	163.8	160.9	156.5	151.7	146.8	139.8	129.1	115.8	99.9	92.1
70°	196.5	194.1	190.4	184.9	179.0	173.1	167.6	159.9	149.1	135.5	127.7
67.5°	232.1	227.9	223.9	218.1	212.5	205.3	200.5	194.0	185.7	174.2	165.4
65°	285.3	275.7	269.9	269.1	263.8	253.2	241.7	234.2	226.3	215.4	203.3
62.5°	356.0	351.9	341.2	329.5	320.6	313.0	298.9	283.3	269.8	257.5	243.1
60°	413.4	403.7	394.8	384.2	371.8	359.7	348.0	332.7	313.8	298.4	282.6
57.5°	463.4	454.0	448.0	437.8	423.3	411.0	398.2	382.8	364.1	341.8	322.1
55°	519.7	512.5	506.2	496.6	483.5	466.8	450.3	433.7	412.9	386.1	361.8
52.5°	586.6	577.8	568.3	558.1	542.7	522.1	502.6	483.0	458.8	429.8	400.3
50°	664.5	646.6	630.9	617.3	597.3	574.4	551.1	529.0	500.4	470.5	439.7
47.5°	723.0	707.6	690.0	670.4	647.7	623.2	597.2	569.5	539.5	508.3	475.9
45°	810.8	777.8	743.1	721.3	695.8	669.3	641.6	609.9	577.2	544.1	510.0
42.5°	1038.8	915.3	835.3	789.1	746.7	716.8	683.3	649.1	614.2	578.7	542.8
40°	1703.4	1223.2	1062.6	906.4	823.9	770.2	726.8	686.8	649.8	612.2	574.3
37.5°	2922.1	2241.7	1687.7	1186.8	1000.2	843.0	777.6	726.0	683.8	644.7	604.7
35°	4453.2	3668.9	2760.5	2020.5	1340.7	1047.0	844.9	772.4	718.6	676.1	634.0
32.5°	5783.2	5019.3	4141.7	3123.8	2188.9	1412.9	1043.2	834.2	756.8	707.2	662.4
30°	6914.5	6208.7	5370.7	4356.8	3237.1	2183.1	1333.4	992.5	814.0	736.7	689.6
27.5°	7837.3	7204.2	6419.7	5497.5	4355.3	3116.6	2023.1	1189.4	899.8	781.1	715.3
25°	8684.9	8017.1	7281.1	6420.5	5381.0	4131.5	2777.9	1708.1	1068.4	828.6	739.3
22.5°	9489.9	8780.6	8024.5	7190.6	6228.5	5034.3	3684.3	2285.3	1238.5	914.5	776.5
20°	10268.1	9486.4	8698.5	7832.1	6871.3	5830.0	4505.0	2977.0	1724.4	1044.9	811.9
17.5°	11065.3	10170.7	9278.4	8396.4	7422.5	6377.2	5144.5	3672.5	2146.7	1162.3	842.5
15°	11820.4	10821.0	9836.5	8866.8	7893.0	6833.6	5678.5	4292.0	2565.9	1399.8	929.3
12.5°	12584.9	11421.5	10352.8	9265.7	8288.5	7214.5	6057.1	4714.8	3057.7	1690.8	1015.6
10°	13277.3	11972.5	10787.5	9637.0	8583.3	7518.4	6361.5	5054.6	3462.1	1929.9	1086.4
7.5°	13870.8	12451.6	11149.2	9939.7	8820.3	7771.9	6622.6	5325.7	3766.7	2114.7	1141.7
5°	14328.5	12801.7	11427.2	10188.0	9004.3	7944.7	6813.7	5523.2	3972.0	2244.5	1181.5
2.5°	14603.9	13013.8	11590.3	10342.0	9118.7	8043.2	6914.8	5649.5	4102.8	2328.1	1210.8
0°	14722.4	13078.0	11710.2	10445.8	9162.7	8084.6	6912.5	5697.0	4150.5	2359.3	1224.8
-2.5°	14603.9	13013.8	11590.3	10342.0	9118.7	8043.2	6914.8	5649.5	4102.8	2328.1	1210.8
-5°	14328.5	12801.7	11427.2	10188.0	9004.3	7944.7	6813.7	5523.2	3972.0	2244.5	1181.5
-7.5°	13870.8	12451.6	11149.2	9939.7	8820.3	7771.9	6622.6	5325.7	3766.7	2114.7	1141.7
-10°	13277.3	11972.5	10787.5	9637.0	8583.3	7518.4	6361.5	5054.6	3462.1	1929.9	1086.4
-12.5°	12584.9	11421.5	10352.8	9265.7	8288.5	7214.5	6057.1	4714.8	3057.7	1690.8	1015.6
-15°	11820.4	10821.0	9836.5	8866.8	7893.0	6833.6	5678.5	4292.0	2565.9	1399.8	929.3
-17.5°	11065.3	10170.7	9278.4	8396.4	7422.5	6377.2	5144.5	3672.5	2146.7	1162.3	842.5
-20°	10268.1	9486.4	8698.5	7832.1	6871.3	5830.0	4505.0	2977.0	1724.4	1044.9	811.9



REPORT NUMBER: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9489.9	8780.6	8024.5	7190.6	6228.5	5034.3	3684.3	2285.3	1238.5	914.5	776.5
-25°	8684.9	8017.1	7281.1	6420.5	5381.0	4131.5	2777.9	1708.1	1068.4	828.6	739.3
-27.5°	7837.3	7204.2	6419.7	5497.5	4355.3	3116.6	2023.1	1189.4	899.8	781.1	715.3
-30°	6914.5	6208.7	5370.7	4356.8	3237.1	2183.1	1333.4	992.5	814.0	736.7	689.6
-32.5°	5783.2	5019.3	4141.7	3123.8	2188.9	1412.9	1043.2	834.2	756.8	707.2	662.4
-35°	4453.2	3668.9	2760.5	2020.5	1340.7	1047.0	844.9	772.4	718.6	676.1	634.0
-37.5°	2922.1	2241.7	1687.7	1186.8	1000.2	843.0	777.6	726.0	683.8	644.7	604.7
-40°	1703.4	1223.2	1062.6	906.4	823.9	770.2	726.8	686.8	649.8	612.2	574.3
-42.5°	1038.8	915.3	835.3	789.1	746.7	716.8	683.3	649.1	614.2	578.7	542.8
-45°	810.8	777.8	743.1	721.3	695.8	669.3	641.6	609.9	577.2	544.1	510.0
-47.5°	723.0	707.6	690.0	670.4	647.7	623.2	597.2	569.5	539.5	508.3	475.9
-50°	664.5	646.6	630.9	617.3	597.3	574.4	551.1	529.0	500.4	470.5	439.7
-52.5°	586.6	577.8	568.3	558.1	542.7	522.1	502.6	483.0	458.8	429.8	400.3
-55°	519.7	512.5	506.2	496.6	483.5	466.8	450.3	433.7	412.9	386.1	361.8
-57.5°	463.4	454.0	448.0	437.8	423.3	411.0	398.2	382.8	364.1	341.8	322.1
-60°	413.4	403.7	394.8	384.2	371.8	359.7	348.0	332.7	313.8	298.4	282.6
-62.5°	356.0	351.9	341.2	329.5	320.6	313.0	298.9	283.3	269.8	257.5	243.1
-65°	285.3	275.7	269.9	269.1	263.8	253.2	241.7	234.2	226.3	215.4	203.3
-67.5°	232.1	227.9	223.9	218.1	212.5	205.3	200.5	194.0	185.7	174.2	165.4
-70°	196.5	194.1	190.4	184.9	179.0	173.1	167.6	159.9	149.1	135.5	127.7
-72.5°	165.5	163.8	160.9	156.5	151.7	146.8	139.8	129.1	115.8	99.9	92.1
-75°	136.4	135.3	133.2	129.7	125.8	121.7	114.6	102.3	89.4	76.0	68.9
-77.5°	105.9	105.3	104.4	102.0	99.6	97.2	92.4	80.0	68.0	57.2	51.4
-80°	70.9	71.8	71.8	70.4	68.8	67.0	64.0	55.6	48.0	41.3	36.7
-82.5°	41.4	39.8	38.1	38.4	38.5	38.5	38.0	33.3	28.9	24.9	21.6
-85°	14.5	13.7	13.0	14.4	15.6	16.5	17.0	15.1	13.3	11.6	10.1
-87.5°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-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: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.6	4.0	4.3	4.5	4.7	4.8	4.8	4.5	4.2	3.8
85°	10.7	11.1	11.1	10.8	10.2	9.4	9.6	9.6	9.0	8.4	7.7
82.5°	22.5	23.3	23.8	23.8	22.3	20.7	19.1	17.4	15.5	12.9	11.5
80°	38.8	40.1	40.4	39.4	35.6	32.0	29.5	27.0	25.1	22.3	18.7
77.5°	55.3	57.8	58.8	57.5	52.4	47.2	42.1	37.5	34.7	31.7	27.6
75°	72.3	76.1	78.4	77.0	70.6	62.4	55.9	50.5	46.6	41.4	36.5
72.5°	93.8	95.7	97.8	97.4	91.7	83.6	73.1	63.6	59.2	53.4	46.1
70°	122.6	117.3	116.0	115.2	111.8	105.5	94.9	82.4	72.1	65.4	57.3
67.5°	157.9	150.5	142.8	134.7	130.6	124.9	116.5	101.9	88.3	77.6	68.5
65°	192.6	182.8	173.5	161.7	151.9	144.4	135.8	120.2	103.9	90.3	79.7
62.5°	228.2	213.7	201.2	187.5	174.6	164.1	154.8	137.2	118.9	102.5	89.8
60°	265.5	248.0	229.0	212.5	196.9	182.9	170.5	153.9	134.0	114.0	99.1
57.5°	303.3	282.8	259.6	238.0	219.4	202.2	185.4	168.4	148.9	126.8	107.2
55°	340.6	318.1	290.2	264.4	241.9	222.1	201.0	181.9	163.0	139.9	113.2
52.5°	373.8	350.3	322.5	291.4	264.4	241.2	217.9	195.1	175.0	152.7	121.3
50°	407.8	378.7	352.1	321.2	286.9	260.0	234.3	209.7	186.7	164.6	128.9
47.5°	443.1	409.1	378.0	349.1	314.0	278.3	250.8	224.0	198.0	174.7	135.6
45°	475.5	440.4	404.7	372.6	339.3	299.6	267.0	237.7	210.3	179.9	141.3
42.5°	506.4	469.6	432.3	395.3	360.5	320.5	282.6	251.7	222.1	183.9	145.3
40°	535.9	497.2	458.2	419.6	381.6	339.6	299.6	265.3	232.6	187.4	147.9
37.5°	563.9	523.4	482.7	442.9	403.1	359.3	315.3	278.3	237.7	191.3	149.8
35°	591.2	548.2	506.9	465.2	423.5	379.3	329.4	290.8	245.3	194.5	150.8
32.5°	617.1	572.4	529.9	486.8	442.7	399.4	345.2	302.1	254.5	197.1	151.1
30°	642.3	596.2	551.5	507.3	461.0	416.2	363.0	313.3	265.3	199.1	151.1
27.5°	666.4	618.1	571.6	526.1	478.8	431.7	380.3	324.3	277.4	203.0	152.1
25°	688.4	638.5	590.3	543.4	495.4	446.5	396.3	335.0	287.5	211.2	152.5
22.5°	708.9	657.0	607.3	559.2	511.7	460.8	409.9	348.3	295.8	219.7	152.3
20°	727.5	673.5	623.1	575.8	526.4	474.5	421.4	360.3	303.6	228.4	151.5
17.5°	746.1	690.7	641.3	591.6	540.1	486.9	432.1	371.0	310.9	236.9	150.1
15°	775.5	709.4	657.9	606.5	552.7	497.9	442.0	380.4	317.4	245.2	149.6
12.5°	801.9	726.0	672.8	620.2	564.2	507.7	450.9	388.5	323.3	250.8	150.3
10°	824.3	740.6	686.0	632.7	574.6	516.1	458.6	395.4	328.1	253.1	149.9
7.5°	842.5	753.1	697.3	643.8	584.1	524.1	465.8	401.2	332.8	253.4	148.7
5°	858.1	766.8	711.5	655.9	595.4	532.0	471.9	405.6	337.1	251.6	146.7
2.5°	876.0	783.3	727.3	666.6	605.3	538.6	476.6	408.6	340.4	248.0	144.2
0°	889.9	797.7	741.3	675.4	613.4	543.7	479.8	410.2	342.4	242.7	141.1
-2.5°	876.0	783.3	727.3	666.6	605.3	538.6	476.6	408.6	340.4	248.0	144.2
-5°	858.1	766.8	711.5	655.9	595.4	532.0	471.9	405.6	337.1	251.6	146.7
-7.5°	842.5	753.1	697.3	643.8	584.1	524.1	465.8	401.2	332.8	253.4	148.7
-10°	824.3	740.6	686.0	632.7	574.6	516.1	458.6	395.4	328.1	253.1	149.9
-12.5°	801.9	726.0	672.8	620.2	564.2	507.7	450.9	388.5	323.3	250.8	150.3
-15°	775.5	709.4	657.9	606.5	552.7	497.9	442.0	380.4	317.4	245.2	149.6
-17.5°	746.1	690.7	641.3	591.6	540.1	486.9	432.1	371.0	310.9	236.9	150.1
-20°	727.5	673.5	623.1	575.8	526.4	474.5	421.4	360.3	303.6	228.4	151.5



REPORT NUMBER: P558949 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	708.9	657.0	607.3	559.2	511.7	460.8	409.9	348.3	295.8	219.7	152.3
-25°	688.4	638.5	590.3	543.4	495.4	446.5	396.3	335.0	287.5	211.2	152.5
-27.5°	666.4	618.1	571.6	526.1	478.8	431.7	380.3	324.3	277.4	203.0	152.1
-30°	642.3	596.2	551.5	507.3	461.0	416.2	363.0	313.3	265.3	199.1	151.1
-32.5°	617.1	572.4	529.9	486.8	442.7	399.4	345.2	302.1	254.5	197.1	151.1
-35°	591.2	548.2	506.9	465.2	423.5	379.3	329.4	290.8	245.3	194.5	150.8
-37.5°	563.9	523.4	482.7	442.9	403.1	359.3	315.3	278.3	237.7	191.3	149.8
-40°	535.9	497.2	458.2	419.6	381.6	339.6	299.6	265.3	232.6	187.4	147.9
-42.5°	506.4	469.6	432.3	395.3	360.5	320.5	282.6	251.7	222.1	183.9	145.3
-45°	475.5	440.4	404.7	372.6	339.3	299.6	267.0	237.7	210.3	179.9	141.3
-47.5°	443.1	409.1	378.0	349.1	314.0	278.3	250.8	224.0	198.0	174.7	135.6
-50°	407.8	378.7	352.1	321.2	286.9	260.0	234.3	209.7	186.7	164.6	128.9
-52.5°	373.8	350.3	322.5	291.4	264.4	241.2	217.9	195.1	175.0	152.7	121.3
-55°	340.6	318.1	290.2	264.4	241.9	222.1	201.0	181.9	163.0	139.9	113.2
-57.5°	303.3	282.8	259.6	238.0	219.4	202.2	185.4	168.4	148.9	126.8	107.2
-60°	265.5	248.0	229.0	212.5	196.9	182.9	170.5	153.9	134.0	114.0	99.1
-62.5°	228.2	213.7	201.2	187.5	174.6	164.1	154.8	137.2	118.9	102.5	89.8
-65°	192.6	182.8	173.5	161.7	151.9	144.4	135.8	120.2	103.9	90.3	79.7
-67.5°	157.9	150.5	142.8	134.7	130.6	124.9	116.5	101.9	88.3	77.6	68.5
-70°	122.6	117.3	116.0	115.2	111.8	105.5	94.9	82.4	72.1	65.4	57.3
-72.5°	93.8	95.7	97.8	97.4	91.7	83.6	73.1	63.6	59.2	53.4	46.1
-75°	72.3	76.1	78.4	77.0	70.6	62.4	55.9	50.5	46.6	41.4	36.5
-77.5°	55.3	57.8	58.8	57.5	52.4	47.2	42.1	37.5	34.7	31.7	27.6
-80°	38.8	40.1	40.4	39.4	35.6	32.0	29.5	27.0	25.1	22.3	18.7
-82.5°	22.5	23.3	23.8	23.8	22.3	20.7	19.1	17.4	15.5	12.9	11.5
-85°	10.7	11.1	11.1	10.8	10.2	9.4	9.6	9.6	9.0	8.4	7.7
-87.5°	3.2	3.6	4.0	4.3	4.5	4.7	4.8	4.8	4.5	4.2	3.8
-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):

	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°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
85°	6.8	5.3	3.9	2.7	1.6	0.8	0.0
82.5°	10.2	7.9	5.9	4.0	2.5	1.2	0.0
80°	14.1	10.5	7.8	5.4	3.3	1.6	0.0
77.5°	22.1	14.3	9.7	6.7	4.1	2.0	0.0
75°	29.9	20.4	12.0	7.9	4.9	2.4	0.0
72.5°	37.6	26.4	16.4	9.2	5.6	2.8	0.0
70°	45.3	32.2	20.8	10.8	6.4	3.2	0.0
67.5°	54.2	37.8	25.0	13.7	7.2	3.6	0.0
65°	62.7	43.8	29.0	16.5	7.9	4.0	0.0
62.5°	70.9	50.2	32.9	19.3	8.7	4.3	0.0
60°	78.6	56.3	36.7	21.9	9.4	4.7	0.0
57.5°	83.9	62.0	40.9	24.4	11.0	5.0	0.0
55°	88.4	67.4	45.0	26.8	12.7	5.4	0.0
52.5°	92.2	72.0	48.8	29.1	14.2	5.7	0.0
50°	95.4	74.3	52.4	31.3	15.7	6.0	0.0
47.5°	98.3	76.2	55.7	33.4	17.1	6.3	0.0
45°	103.1	77.6	58.7	35.6	18.5	6.6	0.0
42.5°	107.1	78.5	61.4	37.6	19.8	6.9	0.0
40°	110.4	78.9	62.8	39.8	21.0	7.2	0.0
37.5°	112.9	78.9	63.0	42.0	22.2	7.5	0.0
35°	114.8	79.9	62.9	44.2	23.3	7.7	0.0
32.5°	115.7	81.2	62.6	46.3	24.3	7.9	0.0
30°	115.6	81.9	61.9	48.3	25.2	8.1	0.0
27.5°	114.9	82.1	62.6	50.3	26.1	8.3	0.0
25°	113.6	81.8	63.3	52.2	26.9	8.5	0.0
22.5°	111.8	82.0	64.0	53.9	27.6	8.7	0.0
20°	109.5	84.2	64.5	55.6	28.2	8.8	0.0
17.5°	109.6	86.0	64.9	57.2	28.7	9.0	0.0
15°	111.3	87.7	65.2	58.6	29.1	9.1	0.0
12.5°	112.6	89.0	65.5	59.9	29.5	9.2	0.0
10°	113.6	90.2	65.7	61.0	29.8	9.3	0.0
7.5°	114.3	91.1	65.8	62.0	30.0	9.3	0.0
5°	114.8	91.7	65.9	62.9	30.1	9.4	0.0
2.5°	114.9	92.1	65.9	63.5	30.1	9.4	0.0
0°	114.8	92.2	65.9	64.0	30.1	9.4	0.0
-2.5°	114.9	92.1	65.9	63.5	30.1	9.4	0.0
-5°	114.8	91.7	65.9	62.9	30.1	9.4	0.0
-7.5°	114.3	91.1	65.8	62.0	30.0	9.3	0.0
-10°	113.6	90.2	65.7	61.0	29.8	9.3	0.0
-12.5°	112.6	89.0	65.5	59.9	29.5	9.2	0.0
-15°	111.3	87.7	65.2	58.6	29.1	9.1	0.0
-17.5°	109.6	86.0	64.9	57.2	28.7	9.0	0.0
-20°	109.5	84.2	64.5	55.6	28.2	8.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.8	82.0	64.0	53.9	27.6	8.7	0.0
-25°	113.6	81.8	63.3	52.2	26.9	8.5	0.0
-27.5°	114.9	82.1	62.6	50.3	26.1	8.3	0.0
-30°	115.6	81.9	61.9	48.3	25.2	8.1	0.0
-32.5°	115.7	81.2	62.6	46.3	24.3	7.9	0.0
-35°	114.8	79.9	62.9	44.2	23.3	7.7	0.0
-37.5°	112.9	78.9	63.0	42.0	22.2	7.5	0.0
-40°	110.4	78.9	62.8	39.8	21.0	7.2	0.0
-42.5°	107.1	78.5	61.4	37.6	19.8	6.9	0.0
-45°	103.1	77.6	58.7	35.6	18.5	6.6	0.0
-47.5°	98.3	76.2	55.7	33.4	17.1	6.3	0.0
-50°	95.4	74.3	52.4	31.3	15.7	6.0	0.0
-52.5°	92.2	72.0	48.8	29.1	14.2	5.7	0.0
-55°	88.4	67.4	45.0	26.8	12.7	5.4	0.0
-57.5°	83.9	62.0	40.9	24.4	11.0	5.0	0.0
-60°	78.6	56.3	36.7	21.9	9.4	4.7	0.0
-62.5°	70.9	50.2	32.9	19.3	8.7	4.3	0.0
-65°	62.7	43.8	29.0	16.5	7.9	4.0	0.0
-67.5°	54.2	37.8	25.0	13.7	7.2	3.6	0.0
-70°	45.3	32.2	20.8	10.8	6.4	3.2	0.0
-72.5°	37.6	26.4	16.4	9.2	5.6	2.8	0.0
-75°	29.9	20.4	12.0	7.9	4.9	2.4	0.0
-77.5°	22.1	14.3	9.7	6.7	4.1	2.0	0.0
-80°	14.1	10.5	7.8	5.4	3.3	1.6	0.0
-82.5°	10.2	7.9	5.9	4.0	2.5	1.2	0.0
-85°	6.8	5.3	3.9	2.7	1.6	0.8	0.0
-87.5°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)