

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: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558941 (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-927-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

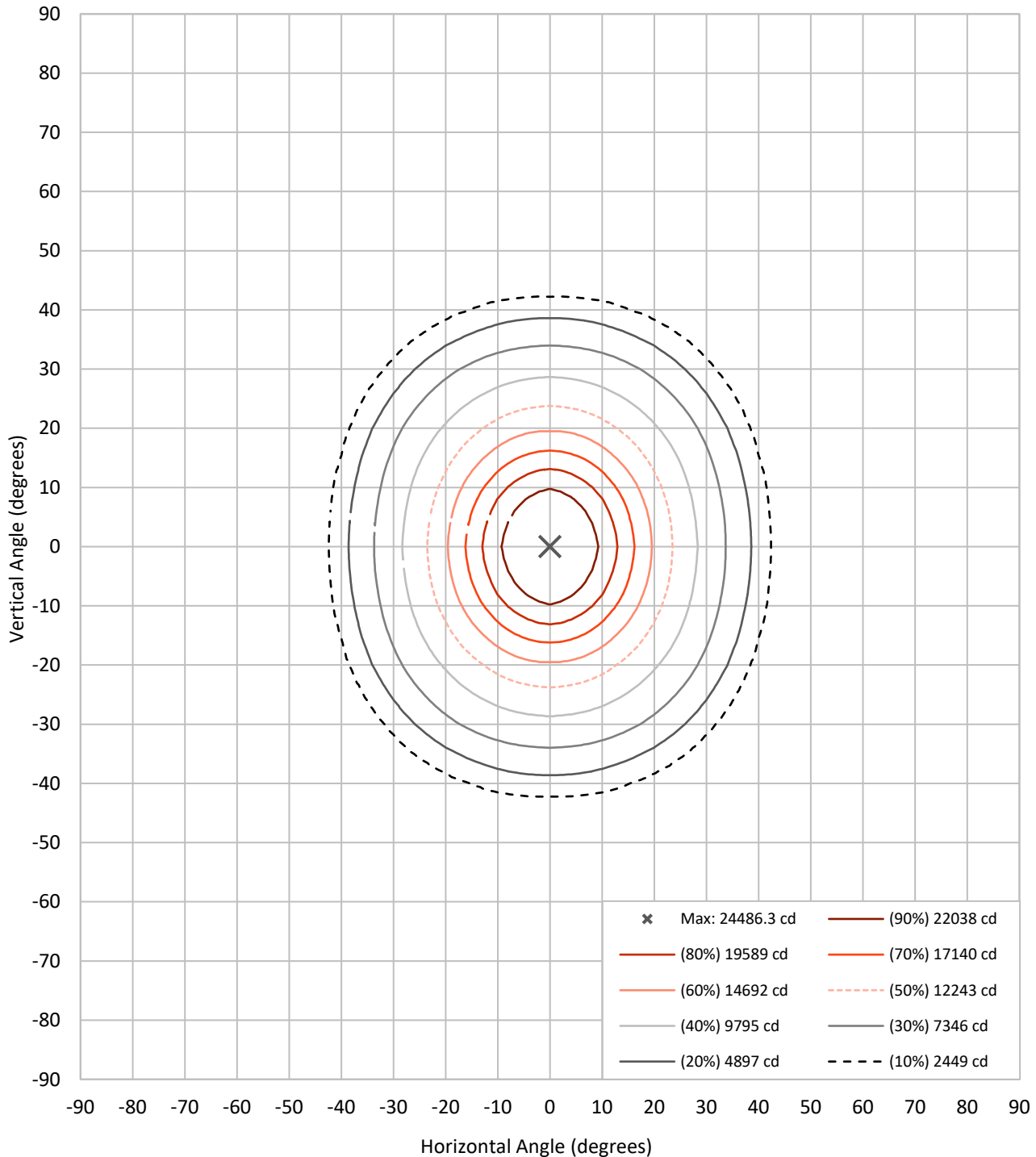
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19061.3 lumens	Max Intensity:	24486.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8994.4 lumens	Field Lumens:	17307.6 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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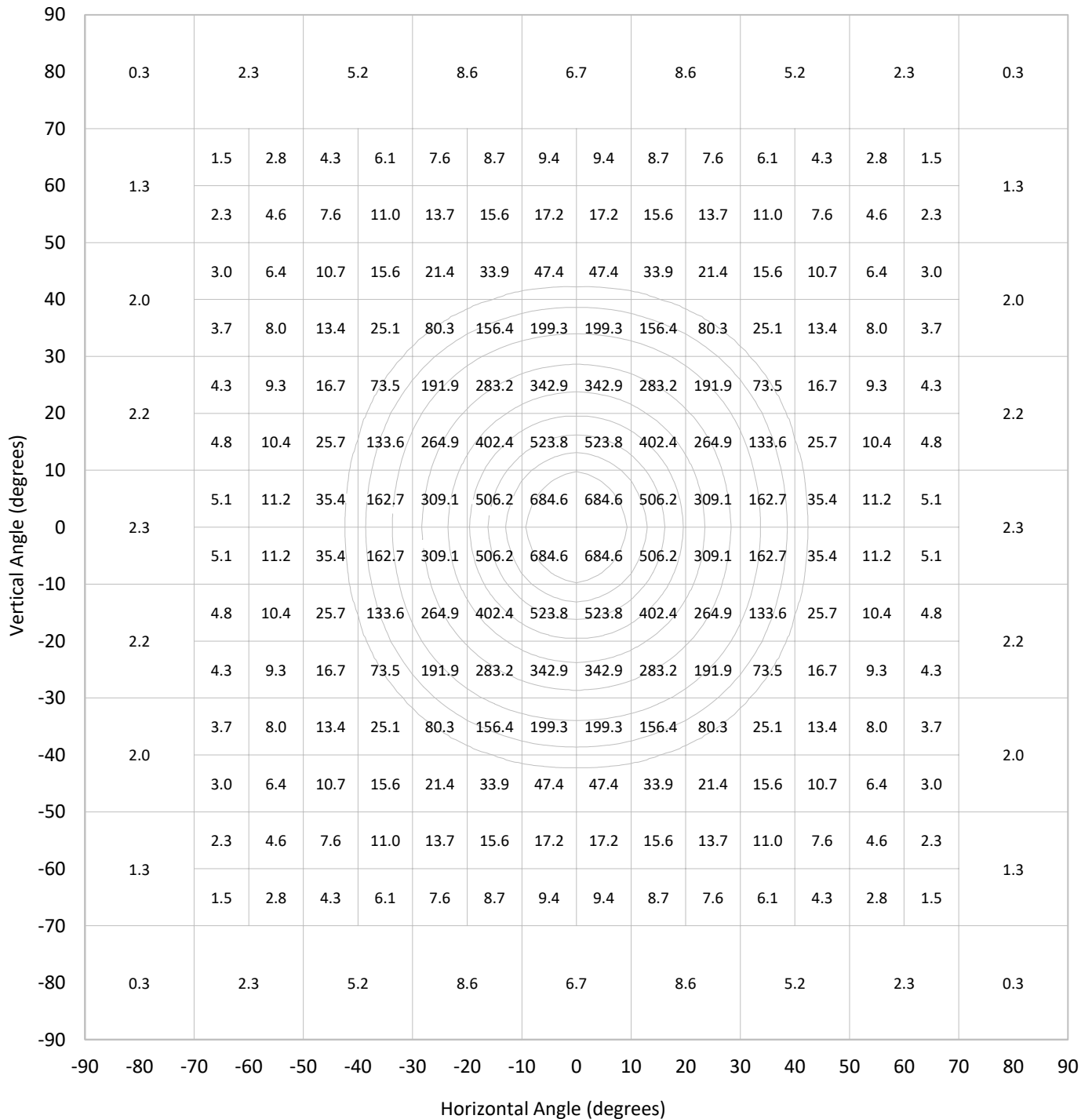
Iso-Candela Plot





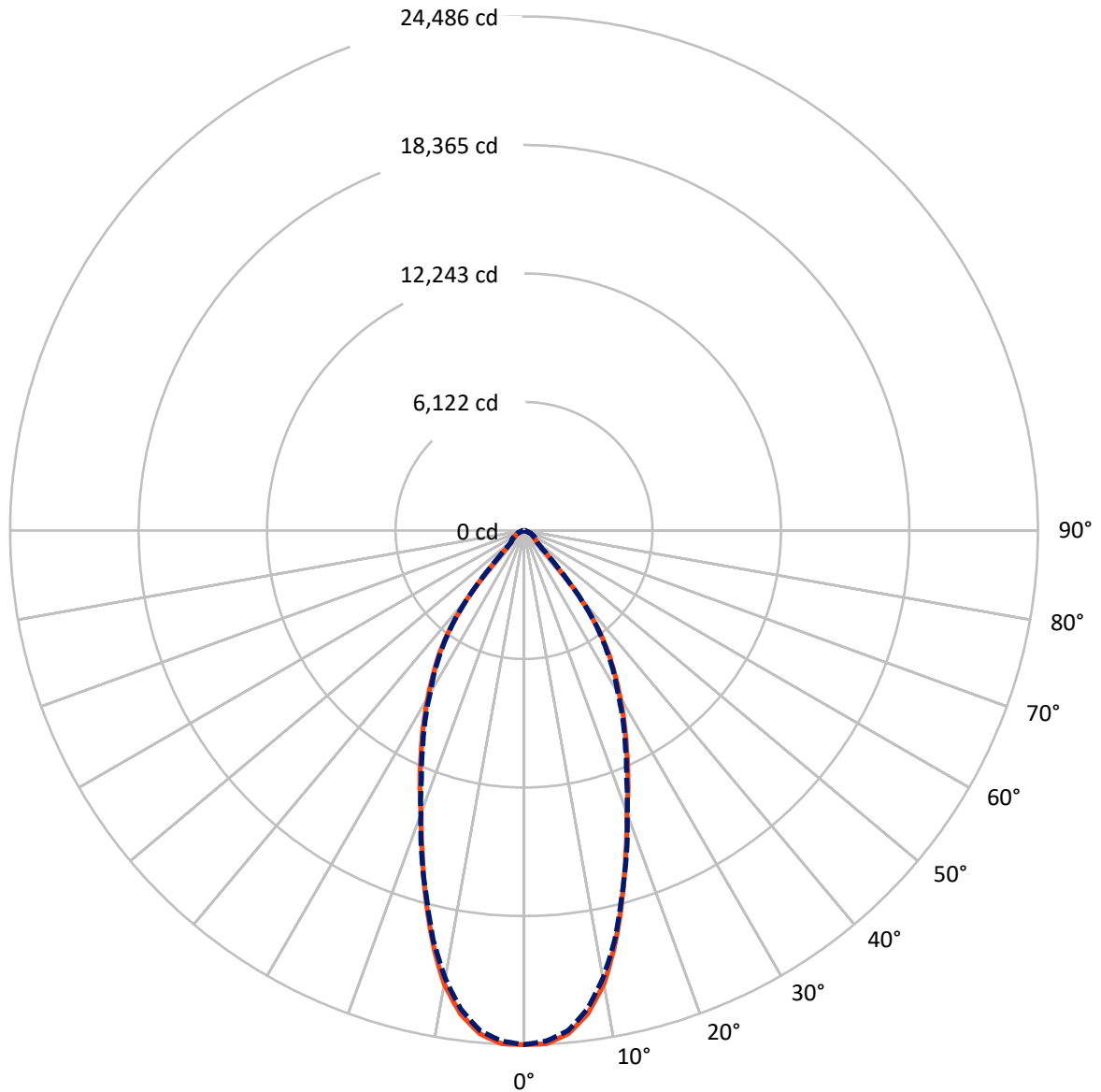
REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
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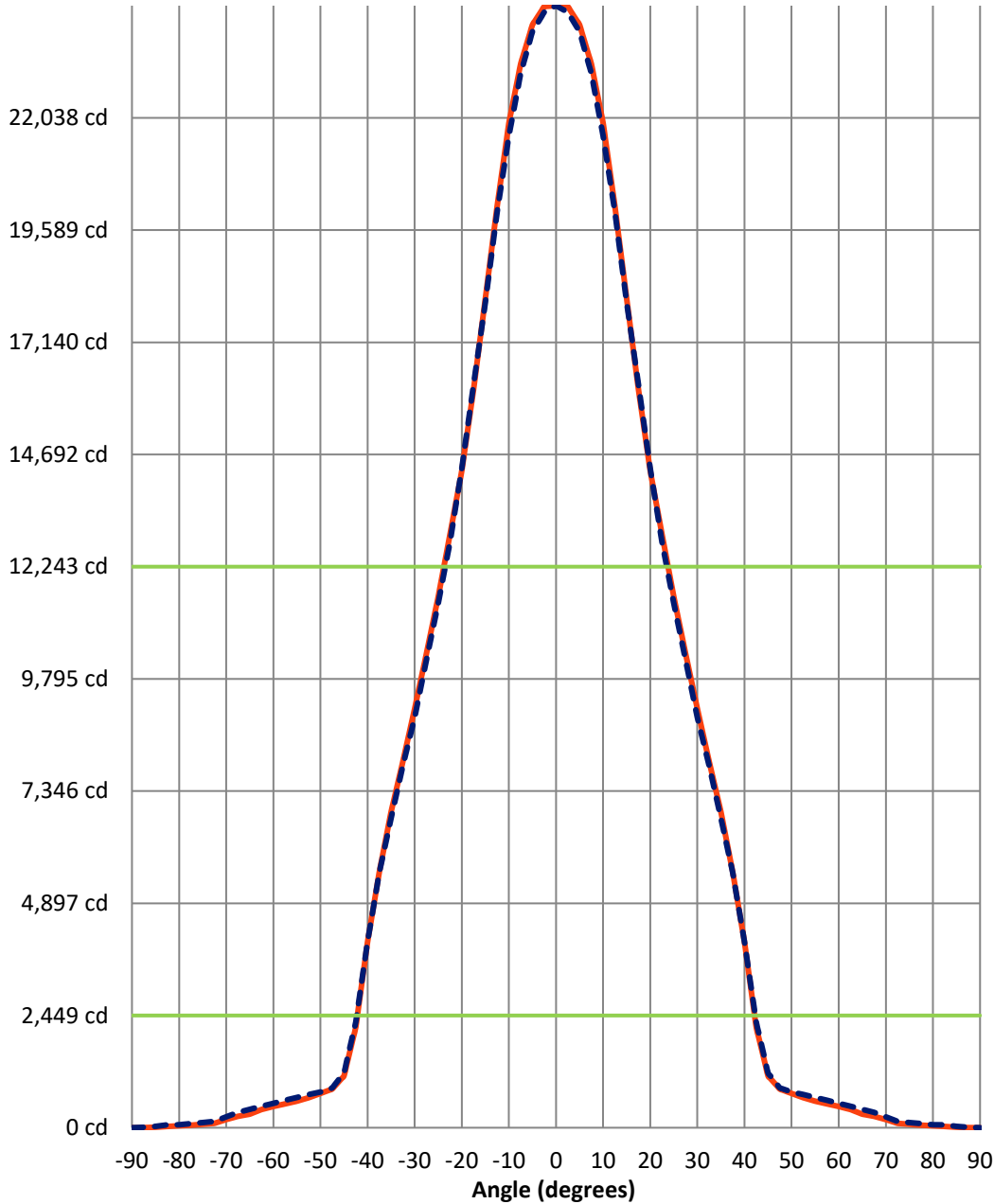
Luminous Intensity Polar Plot



— 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: 8994.4
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 17307.6
Efficiency: 90.8%

Spill:
Lumens: 1753.7
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	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.6
85°	0.0	0.8	1.6	2.6	3.8	5.2	6.7	7.5	8.2	8.8	9.3
82.5°	0.0	1.2	2.4	3.9	5.7	7.7	10.0	11.2	12.6	15.1	16.9
80°	0.0	1.6	3.2	5.2	7.6	10.3	13.8	18.2	21.7	24.5	26.4
77.5°	0.0	2.0	4.0	6.5	9.4	14.0	21.6	26.9	30.9	33.9	36.6
75°	0.0	2.4	4.8	7.8	11.7	19.9	29.2	35.7	40.4	45.5	49.3
72.5°	0.0	2.8	5.5	9.0	16.1	25.8	36.7	45.0	52.1	57.8	62.2
70°	0.0	3.1	6.3	10.5	20.3	31.4	44.2	55.9	63.9	70.4	80.5
67.5°	0.0	3.5	7.0	13.4	24.4	36.9	52.9	66.8	75.8	86.2	99.5
65°	0.0	3.9	7.8	16.2	28.3	42.8	61.2	77.8	88.2	101.4	117.4
62.5°	0.0	4.2	8.5	18.8	32.2	49.0	69.2	87.7	100.1	116.1	134.0
60°	0.0	4.6	9.2	21.4	35.8	54.9	76.8	96.7	111.3	130.9	150.4
57.5°	0.0	4.9	10.8	23.9	40.0	60.5	82.0	104.7	123.9	145.5	164.6
55°	0.0	5.3	12.4	26.2	44.0	65.8	86.3	110.6	136.7	159.3	177.7
52.5°	0.0	5.6	13.9	28.5	47.7	70.3	90.1	118.5	149.2	171.0	190.6
50°	0.0	5.9	15.4	30.6	51.2	72.6	93.2	125.9	160.8	182.4	204.9
47.5°	0.0	6.2	16.8	32.6	54.4	74.4	96.0	132.4	170.7	193.5	218.8
45°	0.0	6.5	18.1	34.8	57.3	75.7	100.7	138.0	175.8	205.5	232.3
42.5°	0.0	6.8	19.4	36.8	60.0	76.6	104.6	141.9	179.7	217.0	245.9
40°	0.0	7.0	20.6	38.9	61.4	77.1	107.8	144.6	183.2	227.3	259.2
37.5°	0.0	7.3	21.7	41.1	61.6	77.0	110.3	146.4	186.9	232.2	271.9
35°	0.0	7.5	22.8	43.2	61.5	78.0	112.1	147.4	190.1	239.7	284.1
32.5°	0.0	7.8	23.8	45.3	61.1	79.2	113.0	147.7	192.6	248.7	295.2
30°	0.0	8.0	24.7	47.2	60.5	80.0	112.9	147.6	194.6	259.2	306.1
27.5°	0.0	8.2	25.5	49.2	61.1	80.2	112.3	148.6	198.4	271.0	316.8
25°	0.0	8.3	26.3	51.0	61.8	79.9	111.0	149.0	206.3	280.9	327.4
22.5°	0.0	8.5	26.9	52.7	62.4	80.1	109.3	148.8	214.6	289.0	340.3
20°	0.0	8.6	27.5	54.3	62.9	82.2	107.0	148.0	223.1	296.7	352.0
17.5°	0.0	8.8	28.0	55.9	63.3	84.0	107.1	146.6	231.5	303.7	362.5
15°	0.0	8.9	28.5	57.2	63.7	85.6	108.7	146.2	239.5	310.2	371.7
12.5°	0.0	9.0	28.8	58.5	63.9	87.0	110.0	146.8	245.0	315.9	379.6
10°	0.0	9.1	29.1	59.6	64.1	88.1	111.0	146.5	247.3	320.6	386.4
7.5°	0.0	9.1	29.3	60.6	64.2	89.0	111.7	145.3	247.5	325.2	392.1
5°	0.0	9.2	29.4	61.4	64.3	89.6	112.1	143.4	245.8	329.4	396.4
2.5°	0.0	9.2	29.4	62.0	64.3	90.0	112.2	140.9	242.3	332.7	399.3
0°	0.0	9.2	29.4	62.5	64.3	90.1	112.1	137.9	237.1	334.6	400.8
-2.5°	0.0	9.2	29.4	62.0	64.3	90.0	112.2	140.9	242.3	332.7	399.3
-5°	0.0	9.2	29.4	61.4	64.3	89.6	112.1	143.4	245.8	329.4	396.4
-7.5°	0.0	9.1	29.3	60.6	64.2	89.0	111.7	145.3	247.5	325.2	392.1
-10°	0.0	9.1	29.1	59.6	64.1	88.1	111.0	146.5	247.3	320.6	386.4
-12.5°	0.0	9.0	28.8	58.5	63.9	87.0	110.0	146.8	245.0	315.9	379.6
-15°	0.0	8.9	28.5	57.2	63.7	85.6	108.7	146.2	239.5	310.2	371.7
-17.5°	0.0	8.8	28.0	55.9	63.3	84.0	107.1	146.6	231.5	303.7	362.5
-20°	0.0	8.6	27.5	54.3	62.9	82.2	107.0	148.0	223.1	296.7	352.0



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 CATALOG NUMBER: GFLD-SA4D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.5	26.9	52.7	62.4	80.1	109.3	148.8	214.6	289.0	340.3
-25°	0.0	8.3	26.3	51.0	61.8	79.9	111.0	149.0	206.3	280.9	327.4
-27.5°	0.0	8.2	25.5	49.2	61.1	80.2	112.3	148.6	198.4	271.0	316.8
-30°	0.0	8.0	24.7	47.2	60.5	80.0	112.9	147.6	194.6	259.2	306.1
-32.5°	0.0	7.8	23.8	45.3	61.1	79.2	113.0	147.7	192.6	248.7	295.2
-35°	0.0	7.5	22.8	43.2	61.5	78.0	112.1	147.4	190.1	239.7	284.1
-37.5°	0.0	7.3	21.7	41.1	61.6	77.0	110.3	146.4	186.9	232.2	271.9
-40°	0.0	7.0	20.6	38.9	61.4	77.1	107.8	144.6	183.2	227.3	259.2
-42.5°	0.0	6.8	19.4	36.8	60.0	76.6	104.6	141.9	179.7	217.0	245.9
-45°	0.0	6.5	18.1	34.8	57.3	75.7	100.7	138.0	175.8	205.5	232.3
-47.5°	0.0	6.2	16.8	32.6	54.4	74.4	96.0	132.4	170.7	193.5	218.8
-50°	0.0	5.9	15.4	30.6	51.2	72.6	93.2	125.9	160.8	182.4	204.9
-52.5°	0.0	5.6	13.9	28.5	47.7	70.3	90.1	118.5	149.2	171.0	190.6
-55°	0.0	5.3	12.4	26.2	44.0	65.8	86.3	110.6	136.7	159.3	177.7
-57.5°	0.0	4.9	10.8	23.9	40.0	60.5	82.0	104.7	123.9	145.5	164.6
-60°	0.0	4.6	9.2	21.4	35.8	54.9	76.8	96.7	111.3	130.9	150.4
-62.5°	0.0	4.2	8.5	18.8	32.2	49.0	69.2	87.7	100.1	116.1	134.0
-65°	0.0	3.9	7.8	16.2	28.3	42.8	61.2	77.8	88.2	101.4	117.4
-67.5°	0.0	3.5	7.0	13.4	24.4	36.9	52.9	66.8	75.8	86.2	99.5
-70°	0.0	3.1	6.3	10.5	20.3	31.4	44.2	55.9	63.9	70.4	80.5
-72.5°	0.0	2.8	5.5	9.0	16.1	25.8	36.7	45.0	52.1	57.8	62.2
-75°	0.0	2.4	4.8	7.8	11.7	19.9	29.2	35.7	40.4	45.5	49.3
-77.5°	0.0	2.0	4.0	6.5	9.4	14.0	21.6	26.9	30.9	33.9	36.6
-80°	0.0	1.6	3.2	5.2	7.6	10.3	13.8	18.2	21.7	24.5	26.4
-82.5°	0.0	1.2	2.4	3.9	5.7	7.7	10.0	11.2	12.6	15.1	16.9
-85°	0.0	0.8	1.6	2.6	3.8	5.2	6.7	7.5	8.2	8.8	9.3
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.6
-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: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	4.7	4.6	4.5	4.2	3.9	3.6	3.1	2.6	2.7	2.8	2.9
85°	9.3	9.2	10.0	10.7	10.9	10.8	10.5	9.8	11.3	12.9	14.7
82.5°	18.6	20.2	21.8	23.3	23.3	22.8	22.0	21.1	24.3	28.3	32.5
80°	28.8	31.2	34.8	38.5	39.5	39.2	37.9	35.9	40.4	46.9	54.3
77.5°	41.1	46.1	51.2	56.2	57.5	56.5	54.0	50.2	55.9	66.5	78.2
75°	54.6	61.0	69.0	75.2	76.6	74.4	70.7	67.4	74.3	87.4	100.0
72.5°	71.4	81.7	89.6	95.2	95.5	93.5	91.7	89.9	97.6	113.2	126.1
70°	92.7	103.0	109.2	112.6	113.3	114.5	119.8	124.7	132.4	145.7	156.3
67.5°	113.8	122.0	127.6	131.6	139.5	147.0	154.2	161.7	170.2	181.5	189.5
65°	132.6	141.1	148.4	157.9	169.5	178.6	188.2	198.7	210.5	221.1	228.8
62.5°	151.3	160.3	170.6	183.2	196.6	208.8	223.0	237.5	251.5	263.5	276.8
60°	166.6	178.7	192.4	207.6	223.7	242.3	259.4	276.1	291.5	306.6	325.1
57.5°	181.1	197.5	214.3	232.5	253.6	276.3	296.3	314.7	334.0	355.8	374.0
55°	196.4	217.0	236.3	258.3	283.5	310.8	332.7	353.4	377.2	403.4	423.8
52.5°	212.9	235.6	258.3	284.7	315.1	342.3	365.2	391.0	419.9	448.3	472.0
50°	228.9	254.0	280.3	313.8	344.0	369.9	398.4	429.6	459.8	489.0	516.9
47.5°	245.0	271.9	306.8	341.1	369.3	399.7	432.9	465.0	496.7	527.1	556.4
45°	260.8	292.7	331.5	364.0	395.4	430.3	464.7	498.3	531.6	563.9	595.9
42.5°	276.1	313.1	352.2	386.2	422.4	458.9	494.7	530.3	565.5	600.2	634.2
40°	292.7	331.8	372.8	410.0	447.8	485.8	523.6	561.1	598.3	634.9	671.1
37.5°	308.1	351.1	393.8	432.8	471.6	511.4	551.0	590.9	629.9	668.1	709.4
35°	321.9	370.6	413.8	454.6	495.3	535.6	577.6	619.5	660.6	702.1	754.7
32.5°	337.3	390.3	432.6	475.6	517.7	559.3	602.9	647.2	691.0	739.5	815.0
30°	354.7	406.7	450.4	495.7	538.8	582.5	627.5	673.8	719.8	795.3	969.7
27.5°	371.6	421.8	467.8	514.1	558.5	603.9	651.1	698.9	763.2	879.1	1162.1
25°	387.3	436.3	484.1	530.9	576.8	623.8	672.6	722.3	809.6	1043.9	1669.0
22.5°	400.5	450.3	500.0	546.3	593.3	642.0	692.6	758.7	893.5	1210.2	2232.9
20°	411.8	463.6	514.4	562.6	608.8	658.1	710.8	793.3	1021.0	1684.9	2908.8
17.5°	422.2	475.7	527.7	578.0	626.6	674.9	729.0	823.1	1135.7	2097.5	3588.3
15°	431.9	486.5	540.0	592.5	642.9	693.1	757.7	908.0	1367.8	2507.0	4193.6
12.5°	440.5	496.1	551.3	606.0	657.4	709.3	783.5	992.3	1652.0	2987.6	4606.7
10°	448.1	504.2	561.4	618.2	670.2	723.6	805.3	1061.5	1885.7	3382.8	4938.7
7.5°	455.2	512.1	570.7	629.0	681.3	735.8	823.2	1115.5	2066.2	3680.4	5203.6
5°	461.1	519.8	581.7	640.9	695.2	749.2	838.4	1154.3	2193.0	3880.9	5396.6
2.5°	465.7	526.3	591.4	651.3	710.6	765.3	855.9	1183.0	2274.8	4008.7	5520.0
0°	468.8	531.3	599.3	660.0	724.3	779.4	869.5	1196.7	2305.2	4055.3	5566.4
-2.5°	465.7	526.3	591.4	651.3	710.6	765.3	855.9	1183.0	2274.8	4008.7	5520.0
-5°	461.1	519.8	581.7	640.9	695.2	749.2	838.4	1154.3	2193.0	3880.9	5396.6
-7.5°	455.2	512.1	570.7	629.0	681.3	735.8	823.2	1115.5	2066.2	3680.4	5203.6
-10°	448.1	504.2	561.4	618.2	670.2	723.6	805.3	1061.5	1885.7	3382.8	4938.7
-12.5°	440.5	496.1	551.3	606.0	657.4	709.3	783.5	992.3	1652.0	2987.6	4606.7
-15°	431.9	486.5	540.0	592.5	642.9	693.1	757.7	908.0	1367.8	2507.0	4193.6
-17.5°	422.2	475.7	527.7	578.0	626.6	674.9	729.0	823.1	1135.7	2097.5	3588.3
-20°	411.8	463.6	514.4	562.6	608.8	658.1	710.8	793.3	1021.0	1684.9	2908.8



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 CATALOG NUMBER: GFLD-SA4D-927-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°	400.5	450.3	500.0	546.3	593.3	642.0	692.6	758.7	893.5	1210.2	2232.9
-25°	387.3	436.3	484.1	530.9	576.8	623.8	672.6	722.3	809.6	1043.9	1669.0
-27.5°	371.6	421.8	467.8	514.1	558.5	603.9	651.1	698.9	763.2	879.1	1162.1
-30°	354.7	406.7	450.4	495.7	538.8	582.5	627.5	673.8	719.8	795.3	969.7
-32.5°	337.3	390.3	432.6	475.6	517.7	559.3	602.9	647.2	691.0	739.5	815.0
-35°	321.9	370.6	413.8	454.6	495.3	535.6	577.6	619.5	660.6	702.1	754.7
-37.5°	308.1	351.1	393.8	432.8	471.6	511.4	551.0	590.9	629.9	668.1	709.4
-40°	292.7	331.8	372.8	410.0	447.8	485.8	523.6	561.1	598.3	634.9	671.1
-42.5°	276.1	313.1	352.2	386.2	422.4	458.9	494.7	530.3	565.5	600.2	634.2
-45°	260.8	292.7	331.5	364.0	395.4	430.3	464.7	498.3	531.6	563.9	595.9
-47.5°	245.0	271.9	306.8	341.1	369.3	399.7	432.9	465.0	496.7	527.1	556.4
-50°	228.9	254.0	280.3	313.8	344.0	369.9	398.4	429.6	459.8	489.0	516.9
-52.5°	212.9	235.6	258.3	284.7	315.1	342.3	365.2	391.0	419.9	448.3	472.0
-55°	196.4	217.0	236.3	258.3	283.5	310.8	332.7	353.4	377.2	403.4	423.8
-57.5°	181.1	197.5	214.3	232.5	253.6	276.3	296.3	314.7	334.0	355.8	374.0
-60°	166.6	178.7	192.4	207.6	223.7	242.3	259.4	276.1	291.5	306.6	325.1
-62.5°	151.3	160.3	170.6	183.2	196.6	208.8	223.0	237.5	251.5	263.5	276.8
-65°	132.6	141.1	148.4	157.9	169.5	178.6	188.2	198.7	210.5	221.1	228.8
-67.5°	113.8	122.0	127.6	131.6	139.5	147.0	154.2	161.7	170.2	181.5	189.5
-70°	92.7	103.0	109.2	112.6	113.3	114.5	119.8	124.7	132.4	145.7	156.3
-72.5°	71.4	81.7	89.6	95.2	95.5	93.5	91.7	89.9	97.6	113.2	126.1
-75°	54.6	61.0	69.0	75.2	76.6	74.4	70.7	67.4	74.3	87.4	100.0
-77.5°	41.1	46.1	51.2	56.2	57.5	56.5	54.0	50.2	55.9	66.5	78.2
-80°	28.8	31.2	34.8	38.5	39.5	39.2	37.9	35.9	40.4	46.9	54.3
-82.5°	18.6	20.2	21.8	23.3	23.3	22.8	22.0	21.1	24.3	28.3	32.5
-85°	9.3	9.2	10.0	10.7	10.9	10.8	10.5	9.8	11.3	12.9	14.7
-87.5°	4.7	4.6	4.5	4.2	3.9	3.6	3.1	2.6	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	2.7
85°	16.5	16.0	15.2	14.1	12.7	13.4	14.2	14.9	15.6	14.6	13.4
82.5°	37.1	37.6	37.6	37.5	37.3	38.9	40.5	41.8	43.0	39.7	35.9
80°	62.5	65.5	67.2	68.8	70.2	70.2	69.3	67.6	65.3	59.7	53.5
77.5°	90.3	95.0	97.3	99.7	102.1	102.9	103.5	104.1	104.7	95.0	82.6
75°	112.0	119.0	123.0	126.8	130.2	132.2	133.3	134.0	134.3	122.6	107.5
72.5°	136.6	143.5	148.3	153.0	157.3	160.1	161.7	163.0	163.8	153.6	139.2
70°	163.8	169.1	174.9	180.7	186.0	189.6	192.0	193.9	195.4	194.4	193.6
67.5°	195.9	200.6	207.6	213.1	218.7	222.7	226.8	230.0	232.5	235.2	238.2
65°	236.1	247.4	257.7	263.0	263.8	269.4	278.7	284.8	287.7	290.2	293.2
62.5°	292.0	305.9	313.2	322.0	333.3	343.8	347.9	353.4	359.8	367.7	376.7
60°	340.0	351.5	363.2	375.3	385.8	394.5	404.0	413.4	422.0	429.8	437.4
57.5°	389.1	401.6	413.6	427.8	437.7	443.6	452.8	464.1	472.8	479.6	489.8
55°	440.0	456.1	472.4	485.2	494.6	500.8	507.7	518.6	525.0	527.5	539.4
52.5°	491.1	510.2	530.2	545.3	555.2	564.5	573.1	582.6	589.2	592.3	603.9
50°	538.4	561.1	583.6	603.2	616.4	631.8	649.3	657.9	663.4	669.6	682.6
47.5°	583.5	608.9	632.9	655.1	674.2	691.5	706.5	721.0	742.2	759.1	775.9
45°	626.9	653.9	679.9	704.8	726.1	760.0	792.2	819.6	893.0	954.6	1001.7
42.5°	667.6	700.3	729.6	771.0	816.1	894.3	1015.0	1126.8	1343.2	1621.9	1854.5
40°	710.1	752.6	805.0	885.6	1038.3	1195.2	1664.3	2082.4	2493.5	2961.1	3361.8
37.5°	759.8	823.7	977.3	1159.6	1649.0	2190.3	2855.2	3507.8	4076.0	4562.3	4968.3
35°	825.5	1022.9	1309.9	1974.2	2697.2	3584.8	4351.1	4964.8	5526.2	5976.8	6315.9
32.5°	1019.2	1380.4	2138.6	3052.2	4046.7	4904.2	5650.5	6238.2	6750.3	7154.1	7468.5
30°	1302.8	2133.1	3162.8	4256.9	5247.5	6066.3	6755.8	7316.0	7773.2	8184.1	8529.0
27.5°	1976.7	3045.1	4255.4	5371.4	6272.4	7038.9	7657.6	8212.5	8716.5	9149.1	9557.0
25°	2714.2	4036.8	5257.6	6273.3	7114.1	7833.3	8485.8	9092.8	9656.9	10163.3	10637.7
22.5°	3599.8	4918.9	6085.7	7025.7	7840.5	8579.3	9272.3	9947.8	10604.6	11222.5	11796.5
20°	4401.7	5696.3	6713.7	7652.5	8499.0	9268.9	10032.7	10820.0	11578.0	12322.3	13013.4
17.5°	5026.6	6231.0	7252.3	8203.9	9065.6	9937.4	10811.6	11715.8	12630.1	13494.4	14321.2
15°	5548.3	6676.9	7712.0	8663.5	9610.9	10572.8	11549.4	12614.6	13702.1	14736.7	15790.5
12.5°	5918.2	7049.1	8098.5	9053.2	10115.4	11159.6	12296.3	13510.4	14766.3	15971.4	17265.9
10°	6215.6	7346.0	8386.5	9416.0	10540.1	11697.9	12972.9	14310.1	15808.8	17235.8	18630.5
7.5°	6470.7	7593.6	8618.0	9711.8	10893.5	12166.1	13552.7	15064.6	16686.4	18274.3	19934.4
5°	6657.4	7762.5	8797.9	9954.3	11165.2	12508.1	13999.9	15615.4	17354.8	19094.7	20736.4
2.5°	6756.2	7858.8	8909.7	10104.8	11324.5	12715.3	14269.0	15981.3	17818.6	19717.0	21335.8
0°	6754.0	7899.2	8952.6	10206.3	11441.7	12778.1	14384.8	16215.7	18008.1	19980.6	21642.4
-2.5°	6756.2	7858.8	8909.7	10104.8	11324.5	12715.3	14269.0	15981.3	17818.6	19717.0	21335.8
-5°	6657.4	7762.5	8797.9	9954.3	11165.2	12508.1	13999.9	15615.4	17354.8	19094.7	20736.4
-7.5°	6470.7	7593.6	8618.0	9711.8	10893.5	12166.1	13552.7	15064.6	16686.4	18274.3	19934.4
-10°	6215.6	7346.0	8386.5	9416.0	10540.1	11697.9	12972.9	14310.1	15808.8	17235.8	18630.5
-12.5°	5918.2	7049.1	8098.5	9053.2	10115.4	11159.6	12296.3	13510.4	14766.3	15971.4	17265.9
-15°	5548.3	6676.9	7712.0	8663.5	9610.9	10572.8	11549.4	12614.6	13702.1	14736.7	15790.5
-17.5°	5026.6	6231.0	7252.3	8203.9	9065.6	9937.4	10811.6	11715.8	12630.1	13494.4	14321.2
-20°	4401.7	5696.3	6713.7	7652.5	8499.0	9268.9	10032.7	10820.0	11578.0	12322.3	13013.4



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3599.8	4918.9	6085.7	7025.7	7840.5	8579.3	9272.3	9947.8	10604.6	11222.5	11796.5
-25°	2714.2	4036.8	5257.6	6273.3	7114.1	7833.3	8485.8	9092.8	9656.9	10163.3	10637.7
-27.5°	1976.7	3045.1	4255.4	5371.4	6272.4	7038.9	7657.6	8212.5	8716.5	9149.1	9557.0
-30°	1302.8	2133.1	3162.8	4256.9	5247.5	6066.3	6755.8	7316.0	7773.2	8184.1	8529.0
-32.5°	1019.2	1380.4	2138.6	3052.2	4046.7	4904.2	5650.5	6238.2	6750.3	7154.1	7468.5
-35°	825.5	1022.9	1309.9	1974.2	2697.2	3584.8	4351.1	4964.8	5526.2	5976.8	6315.9
-37.5°	759.8	823.7	977.3	1159.6	1649.0	2190.3	2855.2	3507.8	4076.0	4562.3	4968.3
-40°	710.1	752.6	805.0	885.6	1038.3	1195.2	1664.3	2082.4	2493.5	2961.1	3361.8
-42.5°	667.6	700.3	729.6	771.0	816.1	894.3	1015.0	1126.8	1343.2	1621.9	1854.5
-45°	626.9	653.9	679.9	704.8	726.1	760.0	792.2	819.6	893.0	954.6	1001.7
-47.5°	583.5	608.9	632.9	655.1	674.2	691.5	706.5	721.0	742.2	759.1	775.9
-50°	538.4	561.1	583.6	603.2	616.4	631.8	649.3	657.9	663.4	669.6	682.6
-52.5°	491.1	510.2	530.2	545.3	555.2	564.5	573.1	582.6	589.2	592.3	603.9
-55°	440.0	456.1	472.4	485.2	494.6	500.8	507.7	518.6	525.0	527.5	539.4
-57.5°	389.1	401.6	413.6	427.8	437.7	443.6	452.8	464.1	472.8	479.6	489.8
-60°	340.0	351.5	363.2	375.3	385.8	394.5	404.0	413.4	422.0	429.8	437.4
-62.5°	292.0	305.9	313.2	322.0	333.3	343.8	347.9	353.4	359.8	367.7	376.7
-65°	236.1	247.4	257.7	263.0	263.8	269.4	278.7	284.8	287.7	290.2	293.2
-67.5°	195.9	200.6	207.6	213.1	218.7	222.7	226.8	230.0	232.5	235.2	238.2
-70°	163.8	169.1	174.9	180.7	186.0	189.6	192.0	193.9	195.4	194.4	193.6
-72.5°	136.6	143.5	148.3	153.0	157.3	160.1	161.7	163.0	163.8	153.6	139.2
-75°	112.0	119.0	123.0	126.8	130.2	132.2	133.3	134.0	134.3	122.6	107.5
-77.5°	90.3	95.0	97.3	99.7	102.1	102.9	103.5	104.1	104.7	95.0	82.6
-80°	62.5	65.5	67.2	68.8	70.2	70.2	69.3	67.6	65.3	59.7	53.5
-82.5°	37.1	37.6	37.6	37.5	37.3	38.9	40.5	41.8	43.0	39.7	35.9
-85°	16.5	16.0	15.2	14.1	12.7	13.4	14.2	14.9	15.6	14.6	13.4
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	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: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.6	15.6	14.9
82.5°	31.8	27.5	27.6	27.6	27.6	27.5	31.8	35.9	39.7	43.0	41.8
80°	47.1	40.4	41.3	42.3	41.3	40.4	47.1	53.5	59.7	65.3	67.6
77.5°	69.4	55.5	55.0	55.1	55.0	55.5	69.4	82.6	95.0	104.7	104.1
75°	92.0	76.1	75.3	75.4	75.3	76.1	92.0	107.5	122.6	134.3	134.0
72.5°	124.4	109.1	102.2	95.6	102.2	109.1	124.4	139.2	153.6	163.8	163.0
70°	193.8	194.2	187.4	178.3	187.4	194.2	193.8	193.6	194.4	195.4	193.9
67.5°	240.8	242.8	245.7	248.2	245.7	242.8	240.8	238.2	235.2	232.5	230.0
65°	294.6	294.4	295.5	296.0	295.5	294.4	294.6	293.2	290.2	287.7	284.8
62.5°	384.4	390.5	394.9	397.1	394.9	390.5	384.4	376.7	367.7	359.8	353.4
60°	443.8	448.9	456.1	463.3	456.1	448.9	443.8	437.4	429.8	422.0	413.4
57.5°	499.4	508.1	515.1	520.2	515.1	508.1	499.4	489.8	479.6	472.8	464.1
55°	550.8	560.8	570.4	579.1	570.4	560.8	550.8	539.4	527.5	525.0	518.6
52.5°	615.2	623.5	637.1	654.4	637.1	623.5	615.2	603.9	592.3	589.2	582.6
50°	697.6	710.1	727.3	748.2	727.3	710.1	697.6	682.6	669.6	663.4	657.9
47.5°	792.8	805.4	822.0	843.8	822.0	805.4	792.8	775.9	759.1	742.2	721.0
45°	1044.7	1074.1	1101.0	1130.6	1101.0	1074.1	1044.7	1001.7	954.6	893.0	819.6
42.5°	2041.0	2170.0	2225.6	2193.1	2225.6	2170.0	2041.0	1854.5	1621.9	1343.2	1126.8
40°	3667.3	3881.6	4007.8	4051.6	4007.8	3881.6	3667.3	3361.8	2961.1	2493.5	2082.4
37.5°	5264.8	5462.1	5568.5	5581.1	5568.5	5462.1	5264.8	4968.3	4562.3	4076.0	3507.8
35°	6560.7	6723.2	6819.5	6891.8	6819.5	6723.2	6560.7	6315.9	5976.8	5526.2	4964.8
32.5°	7724.5	7909.7	8016.7	7993.0	8016.7	7909.7	7724.5	7468.5	7154.1	6750.3	6238.2
30°	8811.8	9014.3	9140.1	9143.8	9140.1	9014.3	8811.8	8529.0	8184.1	7773.2	7316.0
27.5°	9886.6	10114.0	10245.2	10347.9	10245.2	10114.0	9886.6	9557.0	9149.1	8716.5	8212.5
25°	11033.3	11316.7	11485.1	11586.9	11485.1	11316.7	11033.3	10637.7	10163.3	9656.9	9092.8
22.5°	12269.7	12620.8	12851.4	12947.2	12851.4	12620.8	12269.7	11796.5	11222.5	10604.6	9947.8
20°	13614.5	14049.6	14344.1	14335.2	14344.1	14049.6	13614.5	13013.4	12322.3	11578.0	10820.0
17.5°	15115.1	15676.2	16056.0	16111.0	16056.0	15676.2	15115.1	14321.2	13494.4	12630.1	11715.8
15°	16723.8	17447.3	17938.5	18090.8	17938.5	17447.3	16723.8	15790.5	14736.7	13702.1	12614.6
12.5°	18372.5	19233.0	19887.9	20105.6	19887.9	19233.0	18372.5	17265.9	15971.4	14766.3	13510.4
10°	19943.2	20896.4	21607.2	21921.9	21607.2	20896.4	19943.2	18630.5	17235.8	15808.8	14310.1
7.5°	21256.3	22224.8	22957.0	23216.0	22957.0	22224.8	21256.3	19934.4	18274.3	16686.4	15064.6
5°	22121.5	23179.6	23748.9	24069.0	23748.9	23179.6	22121.5	20736.4	19094.7	17354.8	15615.4
2.5°	22699.4	23596.7	24173.3	24467.9	24173.3	23596.7	22699.4	21335.8	19717.0	17818.6	15981.3
0°	23006.5	23920.1	24342.9	24486.3	24342.9	23920.1	23006.5	21642.4	19980.6	18008.1	16215.7
-2.5°	22699.4	23596.7	24173.3	24467.9	24173.3	23596.7	22699.4	21335.8	19717.0	17818.6	15981.3
-5°	22121.5	23179.6	23748.9	24069.0	23748.9	23179.6	22121.5	20736.4	19094.7	17354.8	15615.4
-7.5°	21256.3	22224.8	22957.0	23216.0	22957.0	22224.8	21256.3	19934.4	18274.3	16686.4	15064.6
-10°	19943.2	20896.4	21607.2	21921.9	21607.2	20896.4	19943.2	18630.5	17235.8	15808.8	14310.1
-12.5°	18372.5	19233.0	19887.9	20105.6	19887.9	19233.0	18372.5	17265.9	15971.4	14766.3	13510.4
-15°	16723.8	17447.3	17938.5	18090.8	17938.5	17447.3	16723.8	15790.5	14736.7	13702.1	12614.6
-17.5°	15115.1	15676.2	16056.0	16111.0	16056.0	15676.2	15115.1	14321.2	13494.4	12630.1	11715.8
-20°	13614.5	14049.6	14344.1	14335.2	14344.1	14049.6	13614.5	13013.4	12322.3	11578.0	10820.0



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	12269.7	12620.8	12851.4	12947.2	12851.4	12620.8	12269.7	11796.5	11222.5	10604.6	9947.8
-25°	11033.3	11316.7	11485.1	11586.9	11485.1	11316.7	11033.3	10637.7	10163.3	9656.9	9092.8
-27.5°	9886.6	10114.0	10245.2	10347.9	10245.2	10114.0	9886.6	9557.0	9149.1	8716.5	8212.5
-30°	8811.8	9014.3	9140.1	9143.8	9140.1	9014.3	8811.8	8529.0	8184.1	7773.2	7316.0
-32.5°	7724.5	7909.7	8016.7	7993.0	8016.7	7909.7	7724.5	7468.5	7154.1	6750.3	6238.2
-35°	6560.7	6723.2	6819.5	6891.8	6819.5	6723.2	6560.7	6315.9	5976.8	5526.2	4964.8
-37.5°	5264.8	5462.1	5568.5	5581.1	5568.5	5462.1	5264.8	4968.3	4562.3	4076.0	3507.8
-40°	3667.3	3881.6	4007.8	4051.6	4007.8	3881.6	3667.3	3361.8	2961.1	2493.5	2082.4
-42.5°	2041.0	2170.0	2225.6	2193.1	2225.6	2170.0	2041.0	1854.5	1621.9	1343.2	1126.8
-45°	1044.7	1074.1	1101.0	1130.6	1101.0	1074.1	1044.7	1001.7	954.6	893.0	819.6
-47.5°	792.8	805.4	822.0	843.8	822.0	805.4	792.8	775.9	759.1	742.2	721.0
-50°	697.6	710.1	727.3	748.2	727.3	710.1	697.6	682.6	669.6	663.4	657.9
-52.5°	615.2	623.5	637.1	654.4	637.1	623.5	615.2	603.9	592.3	589.2	582.6
-55°	550.8	560.8	570.4	579.1	570.4	560.8	550.8	539.4	527.5	525.0	518.6
-57.5°	499.4	508.1	515.1	520.2	515.1	508.1	499.4	489.8	479.6	472.8	464.1
-60°	443.8	448.9	456.1	463.3	456.1	448.9	443.8	437.4	429.8	422.0	413.4
-62.5°	384.4	390.5	394.9	397.1	394.9	390.5	384.4	376.7	367.7	359.8	353.4
-65°	294.6	294.4	295.5	296.0	295.5	294.4	294.6	293.2	290.2	287.7	284.8
-67.5°	240.8	242.8	245.7	248.2	245.7	242.8	240.8	238.2	235.2	232.5	230.0
-70°	193.8	194.2	187.4	178.3	187.4	194.2	193.8	193.6	194.4	195.4	193.9
-72.5°	124.4	109.1	102.2	95.6	102.2	109.1	124.4	139.2	153.6	163.8	163.0
-75°	92.0	76.1	75.3	75.4	75.3	76.1	92.0	107.5	122.6	134.3	134.0
-77.5°	69.4	55.5	55.0	55.1	55.0	55.5	69.4	82.6	95.0	104.7	104.1
-80°	47.1	40.4	41.3	42.3	41.3	40.4	47.1	53.5	59.7	65.3	67.6
-82.5°	31.8	27.5	27.6	27.6	27.6	27.5	31.8	35.9	39.7	43.0	41.8
-85°	12.2	10.9	11.0	11.0	11.0	10.9	12.2	13.4	14.6	15.6	14.9
-87.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	14.2	13.4	12.7	14.1	15.2	16.0	16.5	14.7	12.9	11.3	9.8
82.5°	40.5	38.9	37.3	37.5	37.6	37.6	37.1	32.5	28.3	24.3	21.1
80°	69.3	70.2	70.2	68.8	67.2	65.5	62.5	54.3	46.9	40.4	35.9
77.5°	103.5	102.9	102.1	99.7	97.3	95.0	90.3	78.2	66.5	55.9	50.2
75°	133.3	132.2	130.2	126.8	123.0	119.0	112.0	100.0	87.4	74.3	67.4
72.5°	161.7	160.1	157.3	153.0	148.3	143.5	136.6	126.1	113.2	97.6	89.9
70°	192.0	189.6	186.0	180.7	174.9	169.1	163.8	156.3	145.7	132.4	124.7
67.5°	226.8	222.7	218.7	213.1	207.6	200.6	195.9	189.5	181.5	170.2	161.7
65°	278.7	269.4	263.8	263.0	257.7	247.4	236.1	228.8	221.1	210.5	198.7
62.5°	347.9	343.8	333.3	322.0	313.2	305.9	292.0	276.8	263.5	251.5	237.5
60°	404.0	394.5	385.8	375.3	363.2	351.5	340.0	325.1	306.6	291.5	276.1
57.5°	452.8	443.6	437.7	427.8	413.6	401.6	389.1	374.0	355.8	334.0	314.7
55°	507.7	500.8	494.6	485.2	472.4	456.1	440.0	423.8	403.4	377.2	353.4
52.5°	573.1	564.5	555.2	545.3	530.2	510.2	491.1	472.0	448.3	419.9	391.0
50°	649.3	631.8	616.4	603.2	583.6	561.1	538.4	516.9	489.0	459.8	429.6
47.5°	706.5	691.5	674.2	655.1	632.9	608.9	583.5	556.4	527.1	496.7	465.0
45°	792.2	760.0	726.1	704.8	679.9	653.9	626.9	595.9	563.9	531.6	498.3
42.5°	1015.0	894.3	816.1	771.0	729.6	700.3	667.6	634.2	600.2	565.5	530.3
40°	1664.3	1195.2	1038.3	885.6	805.0	752.6	710.1	671.1	634.9	598.3	561.1
37.5°	2855.2	2190.3	1649.0	1159.6	977.3	823.7	759.8	709.4	668.1	629.9	590.9
35°	4351.1	3584.8	2697.2	1974.2	1309.9	1022.9	825.5	754.7	702.1	660.6	619.5
32.5°	5650.5	4904.2	4046.7	3052.2	2138.6	1380.4	1019.2	815.0	739.5	691.0	647.2
30°	6755.8	6066.3	5247.5	4256.9	3162.8	2133.1	1302.8	969.7	795.3	719.8	673.8
27.5°	7657.6	7038.9	6272.4	5371.4	4255.4	3045.1	1976.7	1162.1	879.1	763.2	698.9
25°	8485.8	7833.3	7114.1	6273.3	5257.6	4036.8	2714.2	1669.0	1043.9	809.6	722.3
22.5°	9272.3	8579.3	7840.5	7025.7	6085.7	4918.9	3599.8	2232.9	1210.2	893.5	758.7
20°	10032.7	9268.9	8499.0	7652.5	6713.7	5696.3	4401.7	2908.8	1684.9	1021.0	793.3
17.5°	10811.6	9937.4	9065.6	8203.9	7252.3	6231.0	5026.6	3588.3	2097.5	1135.7	823.1
15°	11549.4	10572.8	9610.9	8663.5	7712.0	6676.9	5548.3	4193.6	2507.0	1367.8	908.0
12.5°	12296.3	11159.6	10115.4	9053.2	8098.5	7049.1	5918.2	4606.7	2987.6	1652.0	992.3
10°	12972.9	11697.9	10540.1	9416.0	8386.5	7346.0	6215.6	4938.7	3382.8	1885.7	1061.5
7.5°	13552.7	12166.1	10893.5	9711.8	8618.0	7593.6	6470.7	5203.6	3680.4	2066.2	1115.5
5°	13999.9	12508.1	11165.2	9954.3	8797.9	7762.5	6657.4	5396.6	3880.9	2193.0	1154.3
2.5°	14269.0	12715.3	11324.5	10104.8	8909.7	7858.8	6756.2	5520.0	4008.7	2274.8	1183.0
0°	14384.8	12778.1	11441.7	10206.3	8952.6	7899.2	6754.0	5566.4	4055.3	2305.2	1196.7
-2.5°	14269.0	12715.3	11324.5	10104.8	8909.7	7858.8	6756.2	5520.0	4008.7	2274.8	1183.0
-5°	13999.9	12508.1	11165.2	9954.3	8797.9	7762.5	6657.4	5396.6	3880.9	2193.0	1154.3
-7.5°	13552.7	12166.1	10893.5	9711.8	8618.0	7593.6	6470.7	5203.6	3680.4	2066.2	1115.5
-10°	12972.9	11697.9	10540.1	9416.0	8386.5	7346.0	6215.6	4938.7	3382.8	1885.7	1061.5
-12.5°	12296.3	11159.6	10115.4	9053.2	8098.5	7049.1	5918.2	4606.7	2987.6	1652.0	992.3
-15°	11549.4	10572.8	9610.9	8663.5	7712.0	6676.9	5548.3	4193.6	2507.0	1367.8	908.0
-17.5°	10811.6	9937.4	9065.6	8203.9	7252.3	6231.0	5026.6	3588.3	2097.5	1135.7	823.1
-20°	10032.7	9268.9	8499.0	7652.5	6713.7	5696.3	4401.7	2908.8	1684.9	1021.0	793.3



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9272.3	8579.3	7840.5	7025.7	6085.7	4918.9	3599.8	2232.9	1210.2	893.5	758.7
-25°	8485.8	7833.3	7114.1	6273.3	5257.6	4036.8	2714.2	1669.0	1043.9	809.6	722.3
-27.5°	7657.6	7038.9	6272.4	5371.4	4255.4	3045.1	1976.7	1162.1	879.1	763.2	698.9
-30°	6755.8	6066.3	5247.5	4256.9	3162.8	2133.1	1302.8	969.7	795.3	719.8	673.8
-32.5°	5650.5	4904.2	4046.7	3052.2	2138.6	1380.4	1019.2	815.0	739.5	691.0	647.2
-35°	4351.1	3584.8	2697.2	1974.2	1309.9	1022.9	825.5	754.7	702.1	660.6	619.5
-37.5°	2855.2	2190.3	1649.0	1159.6	977.3	823.7	759.8	709.4	668.1	629.9	590.9
-40°	1664.3	1195.2	1038.3	885.6	805.0	752.6	710.1	671.1	634.9	598.3	561.1
-42.5°	1015.0	894.3	816.1	771.0	729.6	700.3	667.6	634.2	600.2	565.5	530.3
-45°	792.2	760.0	726.1	704.8	679.9	653.9	626.9	595.9	563.9	531.6	498.3
-47.5°	706.5	691.5	674.2	655.1	632.9	608.9	583.5	556.4	527.1	496.7	465.0
-50°	649.3	631.8	616.4	603.2	583.6	561.1	538.4	516.9	489.0	459.8	429.6
-52.5°	573.1	564.5	555.2	545.3	530.2	510.2	491.1	472.0	448.3	419.9	391.0
-55°	507.7	500.8	494.6	485.2	472.4	456.1	440.0	423.8	403.4	377.2	353.4
-57.5°	452.8	443.6	437.7	427.8	413.6	401.6	389.1	374.0	355.8	334.0	314.7
-60°	404.0	394.5	385.8	375.3	363.2	351.5	340.0	325.1	306.6	291.5	276.1
-62.5°	347.9	343.8	333.3	322.0	313.2	305.9	292.0	276.8	263.5	251.5	237.5
-65°	278.7	269.4	263.8	263.0	257.7	247.4	236.1	228.8	221.1	210.5	198.7
-67.5°	226.8	222.7	218.7	213.1	207.6	200.6	195.9	189.5	181.5	170.2	161.7
-70°	192.0	189.6	186.0	180.7	174.9	169.1	163.8	156.3	145.7	132.4	124.7
-72.5°	161.7	160.1	157.3	153.0	148.3	143.5	136.6	126.1	113.2	97.6	89.9
-75°	133.3	132.2	130.2	126.8	123.0	119.0	112.0	100.0	87.4	74.3	67.4
-77.5°	103.5	102.9	102.1	99.7	97.3	95.0	90.3	78.2	66.5	55.9	50.2
-80°	69.3	70.2	70.2	68.8	67.2	65.5	62.5	54.3	46.9	40.4	35.9
-82.5°	40.5	38.9	37.3	37.5	37.6	37.6	37.1	32.5	28.3	24.3	21.1
-85°	14.2	13.4	12.7	14.1	15.2	16.0	16.5	14.7	12.9	11.3	9.8
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-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: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	3.1	3.6	3.9	4.2	4.5	4.6	4.7	4.6	4.4	4.1	3.7
85°	10.5	10.8	10.9	10.7	10.0	9.2	9.3	9.3	8.8	8.2	7.5
82.5°	22.0	22.8	23.3	23.3	21.8	20.2	18.6	16.9	15.1	12.6	11.2
80°	37.9	39.2	39.5	38.5	34.8	31.2	28.8	26.4	24.5	21.7	18.2
77.5°	54.0	56.5	57.5	56.2	51.2	46.1	41.1	36.6	33.9	30.9	26.9
75°	70.7	74.4	76.6	75.2	69.0	61.0	54.6	49.3	45.5	40.4	35.7
72.5°	91.7	93.5	95.5	95.2	89.6	81.7	71.4	62.2	57.8	52.1	45.0
70°	119.8	114.5	113.3	112.6	109.2	103.0	92.7	80.5	70.4	63.9	55.9
67.5°	154.2	147.0	139.5	131.6	127.6	122.0	113.8	99.5	86.2	75.8	66.8
65°	188.2	178.6	169.5	157.9	148.4	141.1	132.6	117.4	101.4	88.2	77.8
62.5°	223.0	208.8	196.6	183.2	170.6	160.3	151.3	134.0	116.1	100.1	87.7
60°	259.4	242.3	223.7	207.6	192.4	178.7	166.6	150.4	130.9	111.3	96.7
57.5°	296.3	276.3	253.6	232.5	214.3	197.5	181.1	164.6	145.5	123.9	104.7
55°	332.7	310.8	283.5	258.3	236.3	217.0	196.4	177.7	159.3	136.7	110.6
52.5°	365.2	342.3	315.1	284.7	258.3	235.6	212.9	190.6	171.0	149.2	118.5
50°	398.4	369.9	344.0	313.8	280.3	254.0	228.9	204.9	182.4	160.8	125.9
47.5°	432.9	399.7	369.3	341.1	306.8	271.9	245.0	218.8	193.5	170.7	132.4
45°	464.7	430.3	395.4	364.0	331.5	292.7	260.8	232.3	205.5	175.8	138.0
42.5°	494.7	458.9	422.4	386.2	352.2	313.1	276.1	245.9	217.0	179.7	141.9
40°	523.6	485.8	447.8	410.0	372.8	331.8	292.7	259.2	227.3	183.2	144.6
37.5°	551.0	511.4	471.6	432.8	393.8	351.1	308.1	271.9	232.2	186.9	146.4
35°	577.6	535.6	495.3	454.6	413.8	370.6	321.9	284.1	239.7	190.1	147.4
32.5°	602.9	559.3	517.7	475.6	432.6	390.3	337.3	295.2	248.7	192.6	147.7
30°	627.5	582.5	538.8	495.7	450.4	406.7	354.7	306.1	259.2	194.6	147.6
27.5°	651.1	603.9	558.5	514.1	467.8	421.8	371.6	316.8	271.0	198.4	148.6
25°	672.6	623.8	576.8	530.9	484.1	436.3	387.3	327.4	280.9	206.3	149.0
22.5°	692.6	642.0	593.3	546.3	500.0	450.3	400.5	340.3	289.0	214.6	148.8
20°	710.8	658.1	608.8	562.6	514.4	463.6	411.8	352.0	296.7	223.1	148.0
17.5°	729.0	674.9	626.6	578.0	527.7	475.7	422.2	362.5	303.7	231.5	146.6
15°	757.7	693.1	642.9	592.5	540.0	486.5	431.9	371.7	310.2	239.5	146.2
12.5°	783.5	709.3	657.4	606.0	551.3	496.1	440.5	379.6	315.9	245.0	146.8
10°	805.3	723.6	670.2	618.2	561.4	504.2	448.1	386.4	320.6	247.3	146.5
7.5°	823.2	735.8	681.3	629.0	570.7	512.1	455.2	392.1	325.2	247.5	145.3
5°	838.4	749.2	695.2	640.9	581.7	519.8	461.1	396.4	329.4	245.8	143.4
2.5°	855.9	765.3	710.6	651.3	591.4	526.3	465.7	399.3	332.7	242.3	140.9
0°	869.5	779.4	724.3	660.0	599.3	531.3	468.8	400.8	334.6	237.1	137.9
-2.5°	855.9	765.3	710.6	651.3	591.4	526.3	465.7	399.3	332.7	242.3	140.9
-5°	838.4	749.2	695.2	640.9	581.7	519.8	461.1	396.4	329.4	245.8	143.4
-7.5°	823.2	735.8	681.3	629.0	570.7	512.1	455.2	392.1	325.2	247.5	145.3
-10°	805.3	723.6	670.2	618.2	561.4	504.2	448.1	386.4	320.6	247.3	146.5
-12.5°	783.5	709.3	657.4	606.0	551.3	496.1	440.5	379.6	315.9	245.0	146.8
-15°	757.7	693.1	642.9	592.5	540.0	486.5	431.9	371.7	310.2	239.5	146.2
-17.5°	729.0	674.9	626.6	578.0	527.7	475.7	422.2	362.5	303.7	231.5	146.6
-20°	710.8	658.1	608.8	562.6	514.4	463.6	411.8	352.0	296.7	223.1	148.0



REPORT NUMBER: P558941 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	692.6	642.0	593.3	546.3	500.0	450.3	400.5	340.3	289.0	214.6	148.8
-25°	672.6	623.8	576.8	530.9	484.1	436.3	387.3	327.4	280.9	206.3	149.0
-27.5°	651.1	603.9	558.5	514.1	467.8	421.8	371.6	316.8	271.0	198.4	148.6
-30°	627.5	582.5	538.8	495.7	450.4	406.7	354.7	306.1	259.2	194.6	147.6
-32.5°	602.9	559.3	517.7	475.6	432.6	390.3	337.3	295.2	248.7	192.6	147.7
-35°	577.6	535.6	495.3	454.6	413.8	370.6	321.9	284.1	239.7	190.1	147.4
-37.5°	551.0	511.4	471.6	432.8	393.8	351.1	308.1	271.9	232.2	186.9	146.4
-40°	523.6	485.8	447.8	410.0	372.8	331.8	292.7	259.2	227.3	183.2	144.6
-42.5°	494.7	458.9	422.4	386.2	352.2	313.1	276.1	245.9	217.0	179.7	141.9
-45°	464.7	430.3	395.4	364.0	331.5	292.7	260.8	232.3	205.5	175.8	138.0
-47.5°	432.9	399.7	369.3	341.1	306.8	271.9	245.0	218.8	193.5	170.7	132.4
-50°	398.4	369.9	344.0	313.8	280.3	254.0	228.9	204.9	182.4	160.8	125.9
-52.5°	365.2	342.3	315.1	284.7	258.3	235.6	212.9	190.6	171.0	149.2	118.5
-55°	332.7	310.8	283.5	258.3	236.3	217.0	196.4	177.7	159.3	136.7	110.6
-57.5°	296.3	276.3	253.6	232.5	214.3	197.5	181.1	164.6	145.5	123.9	104.7
-60°	259.4	242.3	223.7	207.6	192.4	178.7	166.6	150.4	130.9	111.3	96.7
-62.5°	223.0	208.8	196.6	183.2	170.6	160.3	151.3	134.0	116.1	100.1	87.7
-65°	188.2	178.6	169.5	157.9	148.4	141.1	132.6	117.4	101.4	88.2	77.8
-67.5°	154.2	147.0	139.5	131.6	127.6	122.0	113.8	99.5	86.2	75.8	66.8
-70°	119.8	114.5	113.3	112.6	109.2	103.0	92.7	80.5	70.4	63.9	55.9
-72.5°	91.7	93.5	95.5	95.2	89.6	81.7	71.4	62.2	57.8	52.1	45.0
-75°	70.7	74.4	76.6	75.2	69.0	61.0	54.6	49.3	45.5	40.4	35.7
-77.5°	54.0	56.5	57.5	56.2	51.2	46.1	41.1	36.6	33.9	30.9	26.9
-80°	37.9	39.2	39.5	38.5	34.8	31.2	28.8	26.4	24.5	21.7	18.2
-82.5°	22.0	22.8	23.3	23.3	21.8	20.2	18.6	16.9	15.1	12.6	11.2
-85°	10.5	10.8	10.9	10.7	10.0	9.2	9.3	9.3	8.8	8.2	7.5
-87.5°	3.1	3.6	3.9	4.2	4.5	4.6	4.7	4.6	4.4	4.1	3.7
-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°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.7	5.2	3.8	2.6	1.6	0.8	0.0
82.5°	10.0	7.7	5.7	3.9	2.4	1.2	0.0
80°	13.8	10.3	7.6	5.2	3.2	1.6	0.0
77.5°	21.6	14.0	9.4	6.5	4.0	2.0	0.0
75°	29.2	19.9	11.7	7.8	4.8	2.4	0.0
72.5°	36.7	25.8	16.1	9.0	5.5	2.8	0.0
70°	44.2	31.4	20.3	10.5	6.3	3.1	0.0
67.5°	52.9	36.9	24.4	13.4	7.0	3.5	0.0
65°	61.2	42.8	28.3	16.2	7.8	3.9	0.0
62.5°	69.2	49.0	32.2	18.8	8.5	4.2	0.0
60°	76.8	54.9	35.8	21.4	9.2	4.6	0.0
57.5°	82.0	60.5	40.0	23.9	10.8	4.9	0.0
55°	86.3	65.8	44.0	26.2	12.4	5.3	0.0
52.5°	90.1	70.3	47.7	28.5	13.9	5.6	0.0
50°	93.2	72.6	51.2	30.6	15.4	5.9	0.0
47.5°	96.0	74.4	54.4	32.6	16.8	6.2	0.0
45°	100.7	75.7	57.3	34.8	18.1	6.5	0.0
42.5°	104.6	76.6	60.0	36.8	19.4	6.8	0.0
40°	107.8	77.1	61.4	38.9	20.6	7.0	0.0
37.5°	110.3	77.0	61.6	41.1	21.7	7.3	0.0
35°	112.1	78.0	61.5	43.2	22.8	7.5	0.0
32.5°	113.0	79.2	61.1	45.3	23.8	7.8	0.0
30°	112.9	80.0	60.5	47.2	24.7	8.0	0.0
27.5°	112.3	80.2	61.1	49.2	25.5	8.2	0.0
25°	111.0	79.9	61.8	51.0	26.3	8.3	0.0
22.5°	109.3	80.1	62.4	52.7	26.9	8.5	0.0
20°	107.0	82.2	62.9	54.3	27.5	8.6	0.0
17.5°	107.1	84.0	63.3	55.9	28.0	8.8	0.0
15°	108.7	85.6	63.7	57.2	28.5	8.9	0.0
12.5°	110.0	87.0	63.9	58.5	28.8	9.0	0.0
10°	111.0	88.1	64.1	59.6	29.1	9.1	0.0
7.5°	111.7	89.0	64.2	60.6	29.3	9.1	0.0
5°	112.1	89.6	64.3	61.4	29.4	9.2	0.0
2.5°	112.2	90.0	64.3	62.0	29.4	9.2	0.0
0°	112.1	90.1	64.3	62.5	29.4	9.2	0.0
-2.5°	112.2	90.0	64.3	62.0	29.4	9.2	0.0
-5°	112.1	89.6	64.3	61.4	29.4	9.2	0.0
-7.5°	111.7	89.0	64.2	60.6	29.3	9.1	0.0
-10°	111.0	88.1	64.1	59.6	29.1	9.1	0.0
-12.5°	110.0	87.0	63.9	58.5	28.8	9.0	0.0
-15°	108.7	85.6	63.7	57.2	28.5	8.9	0.0
-17.5°	107.1	84.0	63.3	55.9	28.0	8.8	0.0
-20°	107.0	82.2	62.9	54.3	27.5	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.3	80.1	62.4	52.7	26.9	8.5	0.0
-25°	111.0	79.9	61.8	51.0	26.3	8.3	0.0
-27.5°	112.3	80.2	61.1	49.2	25.5	8.2	0.0
-30°	112.9	80.0	60.5	47.2	24.7	8.0	0.0
-32.5°	113.0	79.2	61.1	45.3	23.8	7.8	0.0
-35°	112.1	78.0	61.5	43.2	22.8	7.5	0.0
-37.5°	110.3	77.0	61.6	41.1	21.7	7.3	0.0
-40°	107.8	77.1	61.4	38.9	20.6	7.0	0.0
-42.5°	104.6	76.6	60.0	36.8	19.4	6.8	0.0
-45°	100.7	75.7	57.3	34.8	18.1	6.5	0.0
-47.5°	96.0	74.4	54.4	32.6	16.8	6.2	0.0
-50°	93.2	72.6	51.2	30.6	15.4	5.9	0.0
-52.5°	90.1	70.3	47.7	28.5	13.9	5.6	0.0
-55°	86.3	65.8	44.0	26.2	12.4	5.3	0.0
-57.5°	82.0	60.5	40.0	23.9	10.8	4.9	0.0
-60°	76.8	54.9	35.8	21.4	9.2	4.6	0.0
-62.5°	69.2	49.0	32.2	18.8	8.5	4.2	0.0
-65°	61.2	42.8	28.3	16.2	7.8	3.9	0.0
-67.5°	52.9	36.9	24.4	13.4	7.0	3.5	0.0
-70°	44.2	31.4	20.3	10.5	6.3	3.1	0.0
-72.5°	36.7	25.8	16.1	9.0	5.5	2.8	0.0
-75°	29.2	19.9	11.7	7.8	4.8	2.4	0.0
-77.5°	21.6	14.0	9.4	6.5	4.0	2.0	0.0
-80°	13.8	10.3	7.6	5.2	3.2	1.6	0.0
-82.5°	10.0	7.7	5.7	3.9	2.4	1.2	0.0
-85°	6.7	5.2	3.8	2.6	1.6	0.8	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)