

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: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-935-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

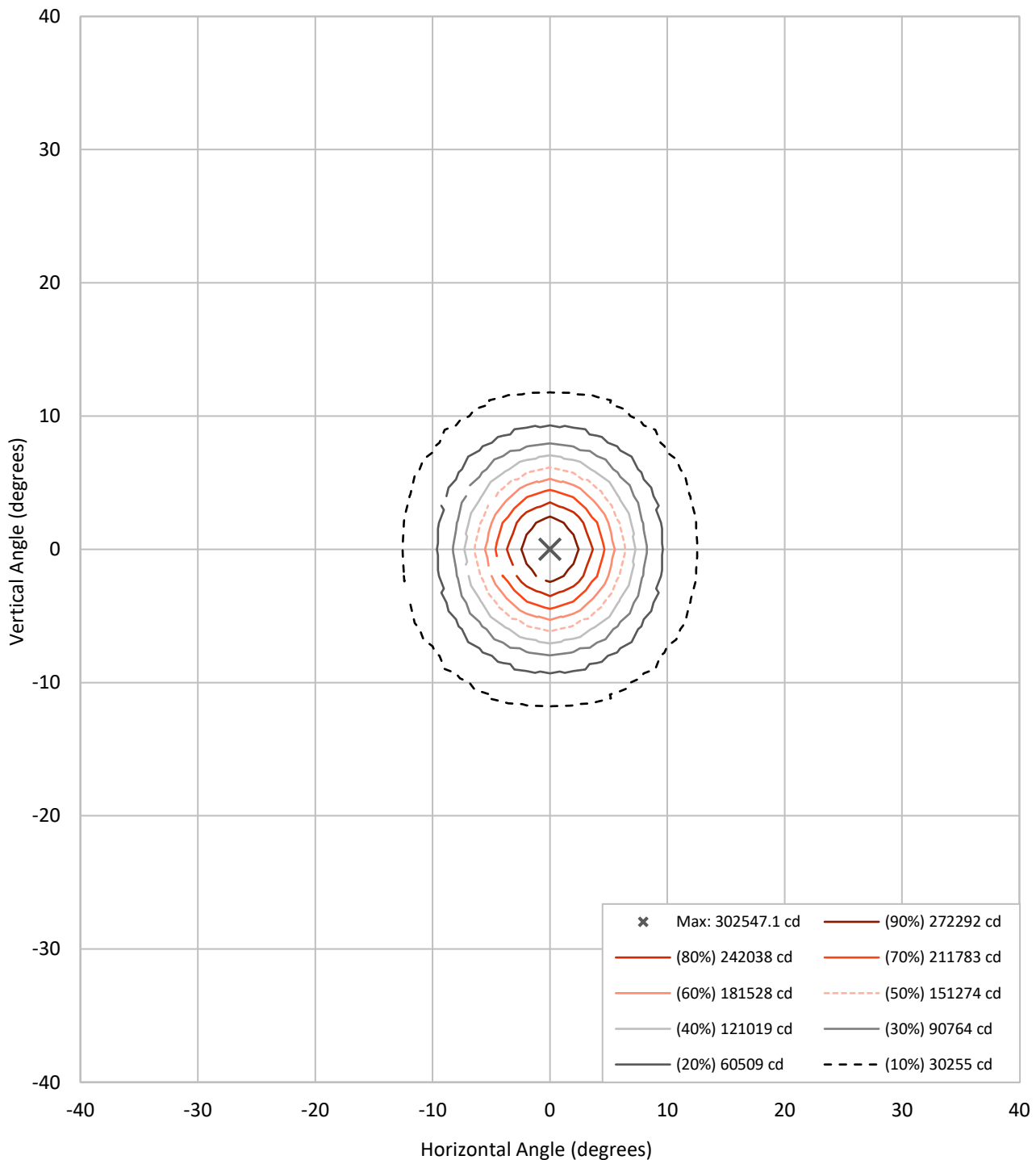
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21930.7 lumens	Max Intensity:	302547.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6929.7 lumens	Field Lumens:	15351.8 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

Iso-Candela Plot



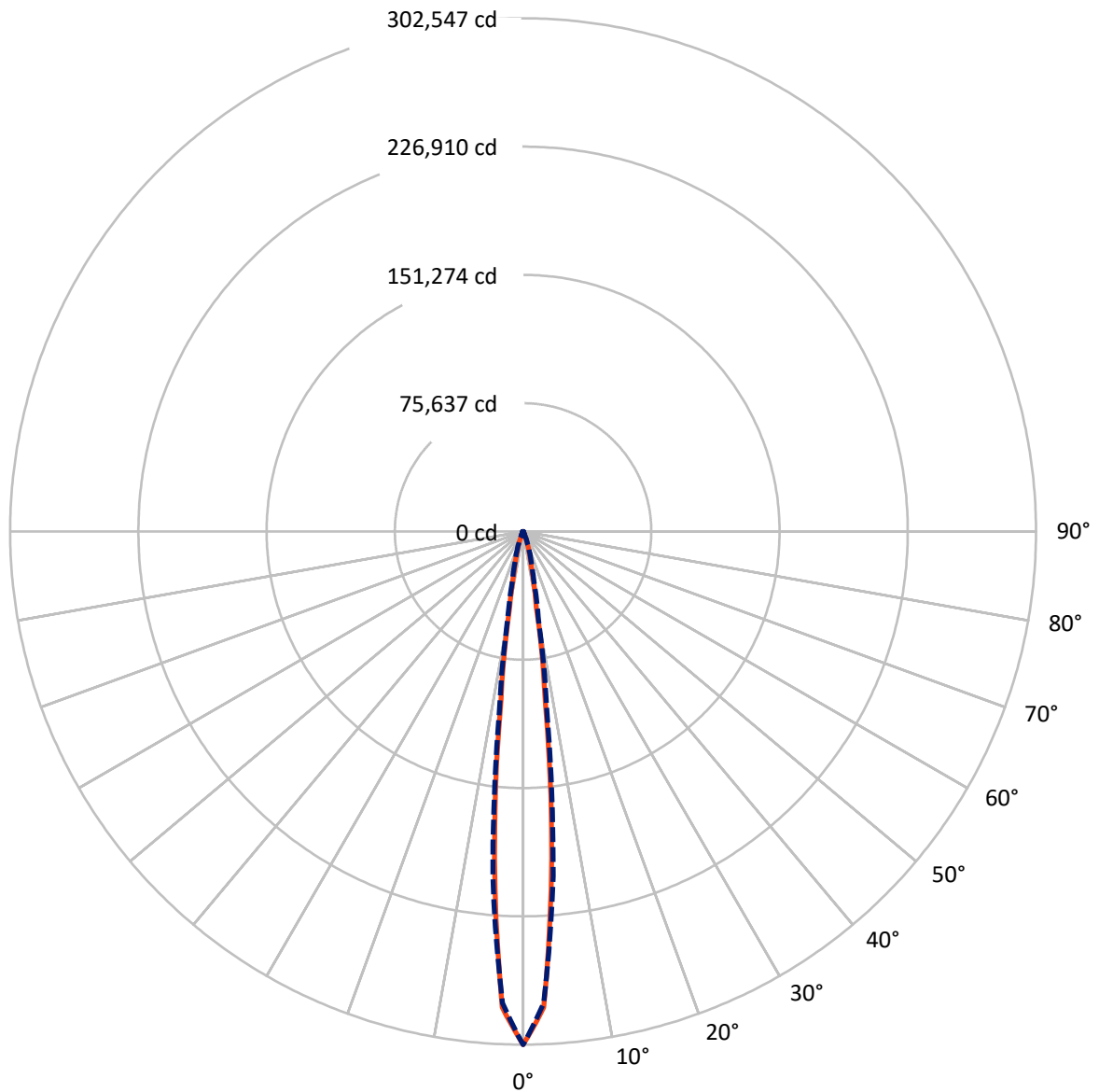
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 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

Lumen Table

90	0.3	2.5		7.0		11.4		13.1		11.4		7.0		2.5		0.3
80	0.3	2.5		7.0		11.4		13.1		11.4		7.0		2.5		0.3
70	1.2	1.3	2.9	4.7	6.4	7.9	9.0	9.6	9.6	9.0	7.9	6.4	4.7	2.9	1.3	1.2
60		2.1	4.2	6.4	8.3	9.8	10.8	11.1	11.1	10.8	9.8	8.3	6.4	4.2	2.1	
50	2.1	2.8	5.2	7.4	9.3	10.9	12.2	12.8	12.8	12.2	10.9	9.3	7.4	5.2	2.8	2.1
40		3.3	5.8	8.1	10.4	13.4	16.7	18.9	18.9	16.7	13.4	10.4	8.1	5.8	3.3	
30	2.8	3.6	6.2	8.6	12.2	18.9	42.1	76.5	76.5	42.1	18.9	12.2	8.6	6.2	3.6	2.8
20		3.8	6.3	9.1	14.5	40.7	230.0	505.9	505.9	230.0	40.7	14.5	9.1	6.3	3.8	
10	3.1	3.9	6.4	9.3	16.0	78.1	552.0	3571.2	3571.2	552.0	78.1	16.0	9.3	6.4	3.9	3.1
0		3.9	6.4	9.3	16.0	78.1	552.0	3571.2	3571.2	552.0	78.1	16.0	9.3	6.4	3.9	
-10	2.8	3.8	6.3	9.1	14.5	40.7	230.0	505.9	505.9	230.0	40.7	14.5	9.1	6.3	3.8	2.8
-20		3.6	6.2	8.6	12.2	18.9	42.1	76.5	76.5	42.1	18.9	12.2	8.6	6.2	3.6	
-30	2.1	3.3	5.8	8.1	10.4	13.4	16.7	18.9	18.9	16.7	13.4	10.4	8.1	5.8	3.3	2.1
-40		2.8	5.2	7.4	9.3	10.9	12.2	12.8	12.8	12.2	10.9	9.3	7.4	5.2	2.8	
-50	1.2	2.1	4.2	6.4	8.3	9.8	10.8	11.1	11.1	10.8	9.8	8.3	6.4	4.2	2.1	1.2
-60		1.3	2.9	4.7	6.4	7.9	9.0	9.6	9.6	9.0	7.9	6.4	4.7	2.9	1.3	
-70	0.3	2.5		7.0		11.4		13.1		11.4		7.0		2.5		0.3
-80		2.5		7.0		11.4		13.1		11.4		7.0		2.5		
-90	0.3	2.5		7.0		11.4		13.1		11.4		7.0		2.5		0.3

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CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

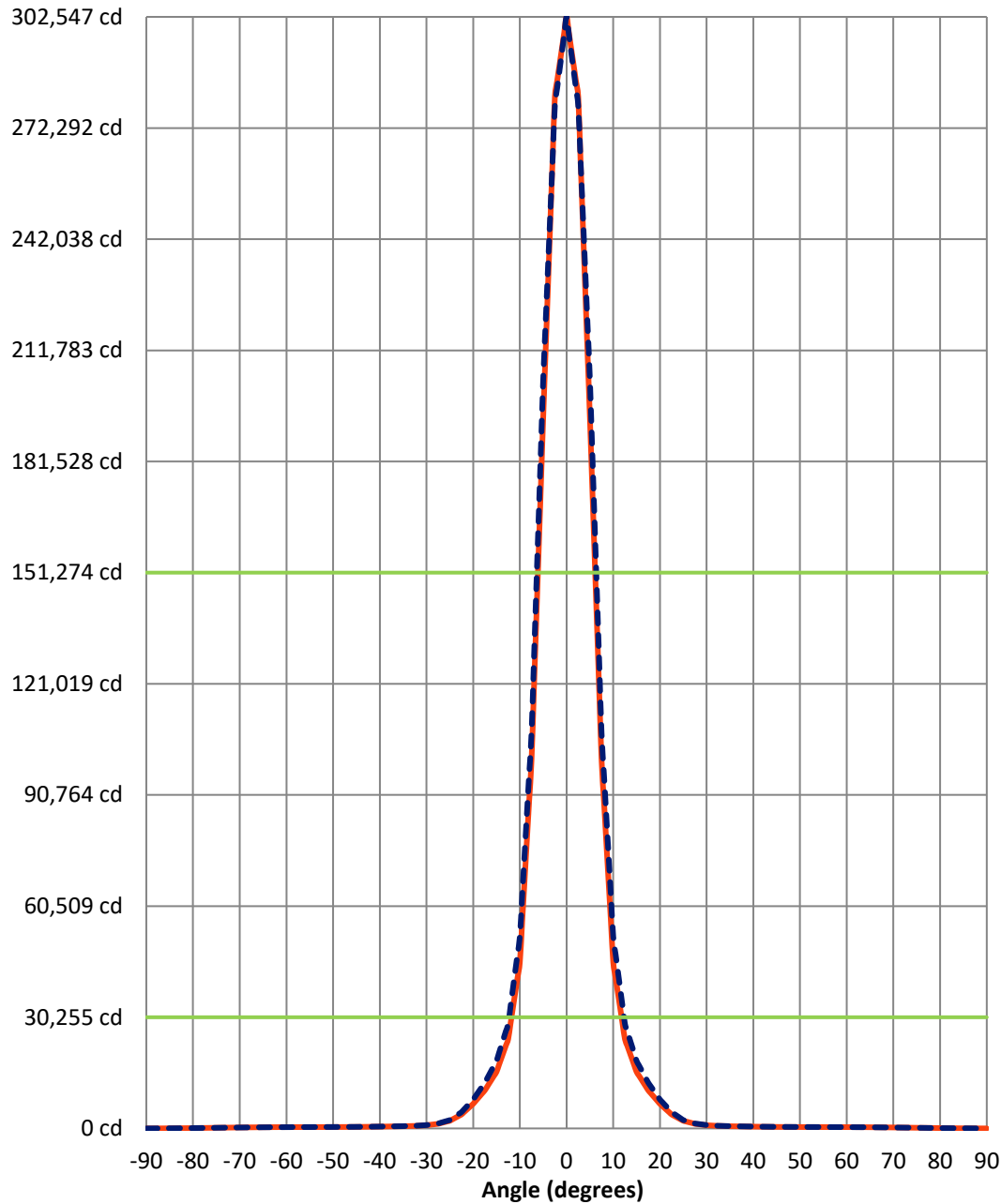
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 6929.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 15351.8
Efficiency: 70.0%

Spill:
Lumens: 6578.9
Efficiency: 30.0%

— 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	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.0
85°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	8.6	9.8	10.9	12.1
82.5°	0.0	2.1	4.2	6.2	8.0	9.6	11.1	12.9	14.8	17.5	20.2
80°	0.0	2.8	5.7	8.2	10.6	12.8	15.0	18.4	22.0	25.7	29.6
77.5°	0.0	3.5	7.0	10.3	13.2	16.4	20.1	24.5	29.1	33.9	39.0
75°	0.0	4.2	8.4	12.3	16.0	20.7	25.3	30.6	36.3	42.9	49.1
72.5°	0.0	4.9	9.8	14.3	19.4	24.9	30.4	36.9	44.7	52.1	59.1
70°	0.0	5.6	11.1	16.4	22.8	29.1	35.6	44.4	53.1	61.4	72.8
67.5°	0.0	6.2	12.5	18.9	26.1	33.3	42.0	51.7	61.4	74.0	87.1
65°	0.0	6.9	13.8	21.3	29.4	37.9	48.3	59.0	72.1	86.3	101.4
62.5°	0.0	7.5	15.0	23.8	32.6	43.0	54.4	67.4	82.5	98.6	116.2
60°	0.0	8.1	16.3	26.1	35.8	47.9	60.4	76.1	92.7	111.6	130.6
57.5°	0.0	8.8	17.8	28.4	39.5	52.7	67.5	84.5	103.7	124.3	145.2
55°	0.0	9.3	19.3	30.7	43.2	57.3	74.6	92.8	114.7	136.9	159.7
52.5°	0.0	9.9	20.7	32.9	46.8	62.0	81.5	102.1	125.4	149.5	173.8
50°	0.0	10.5	22.1	35.0	50.2	67.6	88.2	111.3	135.9	161.8	187.8
47.5°	0.0	11.0	23.4	37.2	53.5	72.9	94.8	120.1	146.4	173.6	201.4
45°	0.0	11.5	24.7	39.5	56.7	78.1	102.0	128.5	156.6	185.5	214.7
42.5°	0.0	12.0	26.0	41.8	59.7	83.0	108.8	136.8	166.4	197.1	226.0
40°	0.0	12.5	27.1	43.9	63.0	87.8	115.3	145.0	175.9	208.1	236.6
37.5°	0.0	12.9	28.3	45.8	66.6	92.2	121.5	152.8	185.2	218.1	246.7
35°	0.0	13.4	29.3	47.7	69.9	96.9	127.3	160.1	193.9	226.5	255.9
32.5°	0.0	13.7	30.3	49.4	73.1	101.4	132.8	167.0	202.0	234.4	263.7
30°	0.0	14.1	31.2	51.0	76.1	105.6	138.3	173.5	209.5	241.8	270.9
27.5°	0.0	14.5	32.1	52.4	78.8	109.5	143.4	179.5	216.0	248.6	277.7
25°	0.0	14.8	32.9	53.7	81.3	113.0	148.1	185.1	221.5	254.3	283.8
22.5°	0.0	15.1	33.6	54.8	83.5	116.2	152.3	190.0	226.5	259.3	288.4
20°	0.0	15.3	34.2	55.9	85.6	119.2	156.1	194.5	231.0	263.8	292.7
17.5°	0.0	15.5	34.8	56.8	87.5	121.8	159.6	198.4	234.9	267.7	296.5
15°	0.0	15.7	35.3	57.5	89.1	124.1	162.6	201.7	238.2	271.0	299.8
12.5°	0.0	15.9	35.7	58.1	90.5	126.0	165.2	204.5	241.0	273.8	302.6
10°	0.0	16.1	36.1	58.6	91.6	127.6	167.3	206.7	243.3	276.0	304.8
7.5°	0.0	16.2	36.4	58.9	92.5	128.8	169.0	208.3	244.9	277.7	306.4
5°	0.0	16.2	36.5	59.1	93.2	129.7	170.1	209.3	246.0	278.7	307.4
2.5°	0.0	16.3	36.7	59.2	93.6	130.2	170.9	209.8	246.5	279.1	307.8
0°	0.0	16.3	36.7	59.1	93.7	130.4	171.1	209.8	246.4	279.0	307.6
-2.5°	0.0	16.3	36.7	59.2	93.6	130.2	170.9	209.8	246.5	279.1	307.8
-5°	0.0	16.2	36.5	59.1	93.2	129.7	170.1	209.3	246.0	278.7	307.4
-7.5°	0.0	16.2	36.4	58.9	92.5	128.8	169.0	208.3	244.9	277.7	306.4
-10°	0.0	16.1	36.1	58.6	91.6	127.6	167.3	206.7	243.3	276.0	304.8
-12.5°	0.0	15.9	35.7	58.1	90.5	126.0	165.2	204.5	241.0	273.8	302.6
-15°	0.0	15.7	35.3	57.5	89.1	124.1	162.6	201.7	238.2	271.0	299.8
-17.5°	0.0	15.5	34.8	56.8	87.5	121.8	159.6	198.4	234.9	267.7	296.5
-20°	0.0	15.3	34.2	55.9	85.6	119.2	156.1	194.5	231.0	263.8	292.7



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.1	33.6	54.8	83.5	116.2	152.3	190.0	226.5	259.3	288.4
-25°	0.0	14.8	32.9	53.7	81.3	113.0	148.1	185.1	221.5	254.3	283.8
-27.5°	0.0	14.5	32.1	52.4	78.8	109.5	143.4	179.5	216.0	248.6	277.7
-30°	0.0	14.1	31.2	51.0	76.1	105.6	138.3	173.5	209.5	241.8	270.9
-32.5°	0.0	13.7	30.3	49.4	73.1	101.4	132.8	167.0	202.0	234.4	263.7
-35°	0.0	13.4	29.3	47.7	69.9	96.9	127.3	160.1	193.9	226.5	255.9
-37.5°	0.0	12.9	28.3	45.8	66.6	92.2	121.5	152.8	185.2	218.1	246.7
-40°	0.0	12.5	27.1	43.9	63.0	87.8	115.3	145.0	175.9	208.1	236.6
-42.5°	0.0	12.0	26.0	41.8	59.7	83.0	108.8	136.8	166.4	197.1	226.0
-45°	0.0	11.5	24.7	39.5	56.7	78.1	102.0	128.5	156.6	185.5	214.7
-47.5°	0.0	11.0	23.4	37.2	53.5	72.9	94.8	120.1	146.4	173.6	201.4
-50°	0.0	10.5	22.1	35.0	50.2	67.6	88.2	111.3	135.9	161.8	187.8
-52.5°	0.0	9.9	20.7	32.9	46.8	62.0	81.5	102.1	125.4	149.5	173.8
-55°	0.0	9.3	19.3	30.7	43.2	57.3	74.6	92.8	114.7	136.9	159.7
-57.5°	0.0	8.8	17.8	28.4	39.5	52.7	67.5	84.5	103.7	124.3	145.2
-60°	0.0	8.1	16.3	26.1	35.8	47.9	60.4	76.1	92.7	111.6	130.6
-62.5°	0.0	7.5	15.0	23.8	32.6	43.0	54.4	67.4	82.5	98.6	116.2
-65°	0.0	6.9	13.8	21.3	29.4	37.9	48.3	59.0	72.1	86.3	101.4
-67.5°	0.0	6.2	12.5	18.9	26.1	33.3	42.0	51.7	61.4	74.0	87.1
-70°	0.0	5.6	11.1	16.4	22.8	29.1	35.6	44.4	53.1	61.4	72.8
-72.5°	0.0	4.9	9.8	14.3	19.4	24.9	30.4	36.9	44.7	52.1	59.1
-75°	0.0	4.2	8.4	12.3	16.0	20.7	25.3	30.6	36.3	42.9	49.1
-77.5°	0.0	3.5	7.0	10.3	13.2	16.4	20.1	24.5	29.1	33.9	39.0
-80°	0.0	2.8	5.7	8.2	10.6	12.8	15.0	18.4	22.0	25.7	29.6
-82.5°	0.0	2.1	4.2	6.2	8.0	9.6	11.1	12.9	14.8	17.5	20.2
-85°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	8.6	9.8	10.9	12.1
-87.5°	0.0	0.7	1.4	2.1	2.7	3.2	3.7	4.3	4.9	5.5	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA4D-935-U-TS-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°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	11.3
85°	13.2	14.3	15.7	17.0	18.2	19.2	20.2	21.0	22.2	23.5	24.7
82.5°	22.5	24.5	26.1	27.5	29.0	30.3	31.9	34.3	37.3	40.3	43.0
80°	32.4	34.6	37.9	41.4	45.2	48.9	52.4	55.7	59.4	63.3	67.4
77.5°	43.4	48.0	53.1	58.5	63.8	69.9	76.1	82.3	88.0	93.0	97.4
75°	55.0	61.2	69.7	78.1	86.2	94.1	102.2	110.1	116.9	123.3	129.7
72.5°	68.4	78.7	88.8	98.5	108.9	118.8	128.2	137.0	145.8	154.5	162.8
70°	84.6	96.2	108.4	120.7	132.7	143.7	154.6	165.7	176.5	186.3	195.1
67.5°	100.7	114.6	128.6	142.5	155.6	168.2	181.1	193.8	205.9	216.2	225.3
65°	117.3	132.8	148.4	163.4	177.7	192.6	207.0	221.0	232.4	241.9	251.1
62.5°	133.5	151.0	168.0	184.4	200.7	216.8	230.8	243.4	255.1	265.4	275.3
60°	150.0	169.1	187.5	205.6	222.8	237.6	251.8	264.4	276.2	287.6	295.9
57.5°	166.3	186.9	206.8	225.5	241.9	257.2	270.8	284.1	294.4	303.4	312.6
55°	182.3	204.4	224.9	243.3	259.9	274.5	288.4	299.5	309.7	318.3	327.2
52.5°	198.0	221.1	241.4	259.9	276.0	290.4	302.7	313.7	323.2	332.0	339.2
50°	213.4	236.0	257.1	274.5	290.5	304.1	315.6	326.2	335.4	343.4	350.0
47.5°	227.0	250.4	270.3	288.2	303.4	316.3	327.4	337.5	346.6	353.6	360.2
45°	239.8	262.8	283.0	300.1	315.0	327.1	337.8	348.2	355.8	362.8	367.9
42.5°	252.1	274.3	294.0	311.7	324.7	336.5	347.4	356.4	364.3	370.4	375.8
40°	262.4	285.3	304.2	320.3	333.7	344.9	354.9	364.0	371.8	377.8	383.6
37.5°	272.2	294.3	313.5	328.5	341.0	352.1	362.0	370.5	378.1	384.4	392.4
35°	281.6	302.9	320.7	335.3	347.5	358.4	367.9	376.6	384.0	392.8	402.0
32.5°	289.5	311.0	327.5	340.8	352.8	363.9	373.5	382.2	390.9	400.8	412.2
30°	296.3	317.0	333.4	345.8	357.8	368.3	378.6	388.0	397.5	409.4	424.3
27.5°	302.5	322.4	337.6	350.1	362.2	372.1	382.8	393.5	404.7	418.5	437.2
25°	308.3	327.4	341.3	354.1	365.4	375.6	386.7	397.6	411.6	429.8	454.4
22.5°	313.0	332.1	344.6	357.6	368.0	378.8	390.1	402.4	418.2	440.3	472.4
20°	316.7	334.8	347.4	360.3	370.1	381.6	393.2	406.6	425.5	454.2	491.4
17.5°	320.1	337.2	349.8	361.9	372.3	384.0	395.9	409.9	431.4	467.3	508.9
15°	323.2	339.1	351.7	363.2	374.1	385.9	398.4	414.3	439.4	479.8	524.7
12.5°	325.8	340.7	353.2	364.2	375.6	387.1	400.4	418.1	447.9	491.5	540.3
10°	328.0	341.9	354.2	364.9	376.6	387.9	402.0	420.6	453.9	498.1	549.6
7.5°	329.3	342.8	354.9	365.3	377.3	388.0	403.2	421.8	457.6	501.7	554.7
5°	330.0	343.5	355.7	366.0	378.0	388.6	404.2	422.0	459.1	502.3	556.6
2.5°	330.3	344.0	356.2	366.4	378.6	390.0	406.1	424.3	460.5	504.8	557.9
0°	330.0	344.2	356.4	366.6	378.8	391.1	407.4	425.7	460.3	507.2	558.1
-2.5°	330.3	344.0	356.2	366.4	378.6	390.0	406.1	424.3	460.5	504.8	557.9
-5°	330.0	343.5	355.7	366.0	378.0	388.6	404.2	422.0	459.1	502.3	556.6
-7.5°	329.3	342.8	354.9	365.3	377.3	388.0	403.2	421.8	457.6	501.7	554.7
-10°	328.0	341.9	354.2	364.9	376.6	387.9	402.0	420.6	453.9	498.1	549.6
-12.5°	325.8	340.7	353.2	364.2	375.6	387.1	400.4	418.1	447.9	491.5	540.3
-15°	323.2	339.1	351.7	363.2	374.1	385.9	398.4	414.3	439.4	479.8	524.7
-17.5°	320.1	337.2	349.8	361.9	372.3	384.0	395.9	409.9	431.4	467.3	508.9
-20°	316.7	334.8	347.4	360.3	370.1	381.6	393.2	406.6	425.5	454.2	491.4



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	313.0	332.1	344.6	357.6	368.0	378.8	390.1	402.4	418.2	440.3	472.4
-25°	308.3	327.4	341.3	354.1	365.4	375.6	386.7	397.6	411.6	429.8	454.4
-27.5°	302.5	322.4	337.6	350.1	362.2	372.1	382.8	393.5	404.7	418.5	437.2
-30°	296.3	317.0	333.4	345.8	357.8	368.3	378.6	388.0	397.5	409.4	424.3
-32.5°	289.5	311.0	327.5	340.8	352.8	363.9	373.5	382.2	390.9	400.8	412.2
-35°	281.6	302.9	320.7	335.3	347.5	358.4	367.9	376.6	384.0	392.8	402.0
-37.5°	272.2	294.3	313.5	328.5	341.0	352.1	362.0	370.5	378.1	384.4	392.4
-40°	262.4	285.3	304.2	320.3	333.7	344.9	354.9	364.0	371.8	377.8	383.6
-42.5°	252.1	274.3	294.0	311.7	324.7	336.5	347.4	356.4	364.3	370.4	375.8
-45°	239.8	262.8	283.0	300.1	315.0	327.1	337.8	348.2	355.8	362.8	367.9
-47.5°	227.0	250.4	270.3	288.2	303.4	316.3	327.4	337.5	346.6	353.6	360.2
-50°	213.4	236.0	257.1	274.5	290.5	304.1	315.6	326.2	335.4	343.4	350.0
-52.5°	198.0	221.1	241.4	259.9	276.0	290.4	302.7	313.7	323.2	332.0	339.2
-55°	182.3	204.4	224.9	243.3	259.9	274.5	288.4	299.5	309.7	318.3	327.2
-57.5°	166.3	186.9	206.8	225.5	241.9	257.2	270.8	284.1	294.4	303.4	312.6
-60°	150.0	169.1	187.5	205.6	222.8	237.6	251.8	264.4	276.2	287.6	295.9
-62.5°	133.5	151.0	168.0	184.4	200.7	216.8	230.8	243.4	255.1	265.4	275.3
-65°	117.3	132.8	148.4	163.4	177.7	192.6	207.0	221.0	232.4	241.9	251.1
-67.5°	100.7	114.6	128.6	142.5	155.6	168.2	181.1	193.8	205.9	216.2	225.3
-70°	84.6	96.2	108.4	120.7	132.7	143.7	154.6	165.7	176.5	186.3	195.1
-72.5°	68.4	78.7	88.8	98.5	108.9	118.8	128.2	137.0	145.8	154.5	162.8
-75°	55.0	61.2	69.7	78.1	86.2	94.1	102.2	110.1	116.9	123.3	129.7
-77.5°	43.4	48.0	53.1	58.5	63.8	69.9	76.1	82.3	88.0	93.0	97.4
-80°	32.4	34.6	37.9	41.4	45.2	48.9	52.4	55.7	59.4	63.3	67.4
-82.5°	22.5	24.5	26.1	27.5	29.0	30.3	31.9	34.3	37.3	40.3	43.0
-85°	13.2	14.3	15.7	17.0	18.2	19.2	20.2	21.0	22.2	23.5	24.7
-87.5°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	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



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-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°	11.7	11.6	11.5	11.3	11.1	11.3	11.5	11.6	11.8	11.9	12.0
85°	26.0	27.0	28.1	29.2	30.4	31.2	31.9	32.5	33.1	33.5	33.9
82.5°	45.5	47.9	50.0	51.9	53.6	55.0	56.3	57.4	58.4	59.2	59.9
80°	71.1	74.6	78.0	81.1	83.9	86.2	88.1	89.7	91.0	92.4	93.6
77.5°	101.7	106.6	111.2	115.5	119.2	122.4	125.1	127.5	129.5	132.0	134.2
75°	136.1	142.0	147.4	152.4	156.9	161.0	164.6	167.7	170.4	173.0	175.3
72.5°	170.6	177.8	184.0	189.3	194.1	198.8	203.3	207.5	211.4	214.4	216.5
70°	203.1	210.5	217.1	223.2	228.8	234.6	240.5	245.9	250.8	254.0	255.9
67.5°	232.9	240.4	248.0	255.5	262.2	268.2	274.1	279.5	284.3	287.6	289.6
65°	259.9	268.1	276.3	284.0	291.0	296.2	301.6	306.6	311.4	315.2	318.0
62.5°	285.0	293.1	300.1	306.6	312.6	317.7	323.0	327.7	331.8	335.4	338.8
60°	304.3	312.6	319.3	325.3	330.9	336.1	340.2	343.7	346.5	348.8	350.9
57.5°	320.8	328.7	335.5	340.5	345.5	350.4	353.9	356.1	357.8	359.0	359.9
55°	335.0	341.3	347.0	352.5	357.4	361.7	364.8	366.3	367.2	367.6	368.1
52.5°	346.4	352.6	358.4	363.6	367.5	371.1	374.2	375.0	375.5	375.7	375.8
50°	356.9	362.9	367.5	371.9	375.9	379.1	381.8	383.0	383.7	383.9	383.5
47.5°	365.3	370.5	375.6	380.1	384.1	387.9	390.9	392.6	393.9	394.4	394.4
45°	372.7	378.8	384.2	389.5	394.1	399.0	403.2	406.1	408.9	410.8	411.8
42.5°	381.4	387.5	393.5	400.8	407.5	413.9	420.9	426.9	433.3	440.0	444.6
40°	390.3	396.9	406.2	415.0	424.8	433.7	448.3	462.8	473.8	483.3	491.8
37.5°	400.5	410.1	421.2	432.5	448.6	465.2	483.6	501.6	517.3	531.5	543.0
35°	412.2	425.1	438.7	458.8	479.2	499.8	521.8	545.7	566.1	581.0	591.6
32.5°	426.5	442.7	464.5	490.2	515.4	542.0	568.5	595.3	615.3	636.0	656.8
30°	442.3	465.8	494.0	525.2	556.6	588.4	621.7	658.8	694.0	731.9	786.1
27.5°	462.5	491.1	524.3	561.2	599.0	636.9	695.0	758.7	853.1	928.6	1056.6
25°	484.1	517.6	557.1	599.9	646.0	713.9	820.3	945.9	1168.5	1341.1	1603.0
22.5°	508.2	547.6	591.2	640.4	714.8	842.9	1024.7	1347.3	1796.2	2239.5	2732.6
20°	531.9	575.4	623.3	697.7	824.1	1026.7	1420.5	2118.0	2897.0	4006.2	4937.2
17.5°	554.4	600.7	661.3	762.0	951.3	1358.7	2121.3	3316.1	4943.2	6731.2	8222.2
15°	574.1	621.5	703.1	862.7	1182.3	1817.0	2968.5	5001.9	7735.8	10183.9	12367.3
12.5°	590.8	646.9	748.4	943.9	1383.0	2322.4	4169.6	7057.0	10395.5	13828.7	16591.9
10°	603.0	673.9	809.0	1094.2	1701.7	2923.9	5170.7	8812.8	12832.6	17005.4	22000.5
7.5°	610.4	693.1	854.9	1205.7	1986.0	3593.6	6426.4	10380.6	14996.7	20693.0	28324.9
5°	615.6	706.1	888.8	1289.7	2176.0	4036.4	7219.3	11568.3	16863.9	25100.4	40807.3
2.5°	618.1	711.9	908.1	1335.7	2262.7	4264.0	7777.2	12248.4	17999.9	28209.6	49454.6
0°	617.1	708.8	910.4	1346.3	2275.1	4438.1	7870.1	12442.6	18383.8	28488.2	52226.7
-2.5°	618.1	711.9	908.1	1335.7	2262.7	4264.0	7777.2	12248.4	17999.9	28209.6	49454.6
-5°	615.6	706.1	888.8	1289.7	2176.0	4036.4	7219.3	11568.3	16863.9	25100.4	40807.3
-7.5°	610.4	693.1	854.9	1205.7	1986.0	3593.6	6426.4	10380.6	14996.7	20693.0	28324.9
-10°	603.0	673.9	809.0	1094.2	1701.7	2923.9	5170.7	8812.8	12832.6	17005.4	22000.5
-12.5°	590.8	646.9	748.4	943.9	1383.0	2322.4	4169.6	7057.0	10395.5	13828.7	16591.9
-15°	574.1	621.5	703.1	862.7	1182.3	1817.0	2968.5	5001.9	7735.8	10183.9	12367.3
-17.5°	554.4	600.7	661.3	762.0	951.3	1358.7	2121.3	3316.1	4943.2	6731.2	8222.2
-20°	531.9	575.4	623.3	697.7	824.1	1026.7	1420.5	2118.0	2897.0	4006.2	4937.2



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	508.2	547.6	591.2	640.4	714.8	842.9	1024.7	1347.3	1796.2	2239.5	2732.6
-25°	484.1	517.6	557.1	599.9	646.0	713.9	820.3	945.9	1168.5	1341.1	1603.0
-27.5°	462.5	491.1	524.3	561.2	599.0	636.9	695.0	758.7	853.1	928.6	1056.6
-30°	442.3	465.8	494.0	525.2	556.6	588.4	621.7	658.8	694.0	731.9	786.1
-32.5°	426.5	442.7	464.5	490.2	515.4	542.0	568.5	595.3	615.3	636.0	656.8
-35°	412.2	425.1	438.7	458.8	479.2	499.8	521.8	545.7	566.1	581.0	591.6
-37.5°	400.5	410.1	421.2	432.5	448.6	465.2	483.6	501.6	517.3	531.5	543.0
-40°	390.3	396.9	406.2	415.0	424.8	433.7	448.3	462.8	473.8	483.3	491.8
-42.5°	381.4	387.5	393.5	400.8	407.5	413.9	420.9	426.9	433.3	440.0	444.6
-45°	372.7	378.8	384.2	389.5	394.1	399.0	403.2	406.1	408.9	410.8	411.8
-47.5°	365.3	370.5	375.6	380.1	384.1	387.9	390.9	392.6	393.9	394.4	394.4
-50°	356.9	362.9	367.5	371.9	375.9	379.1	381.8	383.0	383.7	383.9	383.5
-52.5°	346.4	352.6	358.4	363.6	367.5	371.1	374.2	375.0	375.5	375.7	375.8
-55°	335.0	341.3	347.0	352.5	357.4	361.7	364.8	366.3	367.2	367.6	368.1
-57.5°	320.8	328.7	335.5	340.5	345.5	350.4	353.9	356.1	357.8	359.0	359.9
-60°	304.3	312.6	319.3	325.3	330.9	336.1	340.2	343.7	346.5	348.8	350.9
-62.5°	285.0	293.1	300.1	306.6	312.6	317.7	323.0	327.7	331.8	335.4	338.8
-65°	259.9	268.1	276.3	284.0	291.0	296.2	301.6	306.6	311.4	315.2	318.0
-67.5°	232.9	240.4	248.0	255.5	262.2	268.2	274.1	279.5	284.3	287.6	289.6
-70°	203.1	210.5	217.1	223.2	228.8	234.6	240.5	245.9	250.8	254.0	255.9
-72.5°	170.6	177.8	184.0	189.3	194.1	198.8	203.3	207.5	211.4	214.4	216.5
-75°	136.1	142.0	147.4	152.4	156.9	161.0	164.6	167.7	170.4	173.0	175.3
-77.5°	101.7	106.6	111.2	115.5	119.2	122.4	125.1	127.5	129.5	132.0	134.2
-80°	71.1	74.6	78.0	81.1	83.9	86.2	88.1	89.7	91.0	92.4	93.6
-82.5°	45.5	47.9	50.0	51.9	53.6	55.0	56.3	57.4	58.4	59.2	59.9
-85°	26.0	27.0	28.1	29.2	30.4	31.2	31.9	32.5	33.1	33.5	33.9
-87.5°	11.7	11.6	11.5	11.3	11.1	11.3	11.5	11.6	11.8	11.9	12.0
-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: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-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°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
85°	34.2	34.4	34.6	34.6	34.6	34.4	34.2	33.9	33.5	33.1	32.5
82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.9	59.2	58.4	57.4
80°	94.5	95.2	95.6	95.7	95.6	95.2	94.5	93.6	92.4	91.0	89.7
77.5°	136.1	137.6	138.3	138.5	138.3	137.6	136.1	134.2	132.0	129.5	127.5
75°	177.0	178.2	179.0	179.2	179.0	178.2	177.0	175.3	173.0	170.4	167.7
72.5°	218.0	218.9	220.7	222.0	220.7	218.9	218.0	216.5	214.4	211.4	207.5
70°	257.1	257.6	259.3	260.7	259.3	257.6	257.1	255.9	254.0	250.8	245.9
67.5°	291.2	292.1	292.1	291.3	292.1	292.1	291.2	289.6	287.6	284.3	279.5
65°	320.5	322.5	322.6	321.8	322.6	322.5	320.5	318.0	315.2	311.4	306.6
62.5°	342.0	344.8	345.9	346.2	345.9	344.8	342.0	338.8	335.4	331.8	327.7
60°	352.6	353.8	354.3	354.4	354.3	353.8	352.6	350.9	348.8	346.5	343.7
57.5°	360.3	360.3	360.4	360.5	360.4	360.3	360.3	359.9	359.0	357.8	356.1
55°	368.4	368.4	367.8	366.6	367.8	368.4	368.4	368.1	367.6	367.2	366.3
52.5°	375.5	374.9	373.9	372.7	373.9	374.9	375.5	375.8	375.7	375.5	375.0
50°	382.6	381.4	380.8	380.9	380.8	381.4	382.6	383.5	383.9	383.7	383.0
47.5°	394.0	393.2	392.9	393.1	392.9	393.2	394.0	394.4	394.4	393.9	392.6
45°	412.1	411.5	411.0	411.4	411.0	411.5	412.1	411.8	410.8	408.9	406.1
42.5°	447.1	447.4	447.2	448.1	447.2	447.4	447.1	444.6	440.0	433.3	426.9
40°	495.2	494.9	493.3	492.9	493.3	494.9	495.2	491.8	483.3	473.8	462.8
37.5°	547.7	547.7	546.0	545.9	546.0	547.7	547.7	543.0	531.5	517.3	501.6
35°	597.2	599.0	598.6	596.8	598.6	599.0	597.2	591.6	581.0	566.1	545.7
32.5°	671.6	683.0	688.9	686.4	688.9	683.0	671.6	656.8	636.0	615.3	595.3
30°	820.2	849.5	864.9	871.7	864.9	849.5	820.2	786.1	731.9	694.0	658.8
27.5°	1148.3	1213.1	1242.2	1252.6	1242.2	1213.1	1148.3	1056.6	928.6	853.1	758.7
25°	1831.8	1978.1	2050.2	2073.4	2050.2	1978.1	1831.8	1603.0	1341.1	1168.5	945.9
22.5°	3275.6	3557.2	3749.8	3792.5	3749.8	3557.2	3275.6	2732.6	2239.5	1796.2	1347.3
20°	5873.2	6417.8	6713.3	6686.7	6713.3	6417.8	5873.2	4937.2	4006.2	2897.0	2118.0
17.5°	9489.6	10188.0	10520.5	10365.1	10520.5	10188.0	9489.6	8222.2	6731.2	4943.2	3316.1
15°	13911.4	14855.0	15266.6	15393.9	15266.6	14855.0	13911.4	12367.3	10183.9	7735.8	5001.9
12.5°	19350.2	22443.4	23922.7	24319.0	23922.7	22443.4	19350.2	16591.9	13828.7	10395.5	7057.0
10°	27109.8	37507.3	43691.8	45201.9	43691.8	37507.3	27109.8	22000.5	17005.4	12832.6	8812.8
7.5°	44272.7	65401.2	89069.9	100278.1	89069.9	65401.2	44272.7	28324.9	20693.0	14996.7	10380.6
5°	67515.7	117178.9	171979.3	193462.1	171979.3	117178.9	67515.7	40807.3	25100.4	16863.9	11568.3
2.5°	95771.5	176931.2	252652.0	280879.1	252652.0	176931.2	95771.5	49454.6	28209.6	17999.9	12248.4
0°	107709.3	203982.0	278367.7	302547.1	278367.7	203982.0	107709.3	52226.7	28488.2	18383.8	12442.6
-2.5°	95771.5	176931.2	252652.0	280879.0	252652.0	176931.2	95771.5	49454.6	28209.6	17999.9	12248.4
-5°	67515.7	117178.9	171979.3	193462.1	171979.3	117178.9	67515.7	40807.3	25100.4	16863.9	11568.3
-7.5°	44272.7	65401.2	89069.9	100278.1	89069.9	65401.2	44272.7	28324.9	20693.0	14996.7	10380.6
-10°	27109.8	37507.3	43691.8	45201.9	43691.8	37507.3	27109.8	22000.5	17005.4	12832.6	8812.8
-12.5°	19350.2	22443.4	23922.7	24319.0	23922.7	22443.4	19350.2	16591.9	13828.7	10395.5	7057.0
-15°	13911.4	14855.0	15266.6	15393.9	15266.6	14855.0	13911.4	12367.3	10183.9	7735.8	5001.9
-17.5°	9489.6	10188.0	10520.5	10365.1	10520.5	10188.0	9489.6	8222.2	6731.2	4943.2	3316.1
-20°	5873.2	6417.8	6713.3	6686.7	6713.3	6417.8	5873.2	4937.2	4006.2	2897.0	2118.0



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3275.6	3557.2	3749.8	3792.5	3749.8	3557.2	3275.6	2732.6	2239.5	1796.2	1347.3
-25°	1831.8	1978.1	2050.2	2073.4	2050.2	1978.1	1831.8	1603.0	1341.1	1168.5	945.9
-27.5°	1148.3	1213.1	1242.2	1252.6	1242.2	1213.1	1148.3	1056.6	928.6	853.1	758.7
-30°	820.2	849.5	864.9	871.7	864.9	849.5	820.2	786.1	731.9	694.0	658.8
-32.5°	671.6	683.0	688.9	686.4	688.9	683.0	671.6	656.8	636.0	615.3	595.3
-35°	597.2	599.0	598.6	596.8	598.6	599.0	597.2	591.6	581.0	566.1	545.7
-37.5°	547.7	547.7	546.0	545.9	546.0	547.7	547.7	543.0	531.5	517.3	501.6
-40°	495.2	494.9	493.3	492.9	493.3	494.9	495.2	491.8	483.3	473.8	462.8
-42.5°	447.1	447.4	447.2	448.1	447.2	447.4	447.1	444.6	440.0	433.3	426.9
-45°	412.1	411.5	411.0	411.4	411.0	411.5	412.1	411.8	410.8	408.9	406.1
-47.5°	394.0	393.2	392.9	393.1	392.9	393.2	394.0	394.4	394.4	393.9	392.6
-50°	382.6	381.4	380.8	380.9	380.8	381.4	382.6	383.5	383.9	383.7	383.0
-52.5°	375.5	374.9	373.9	372.7	373.9	374.9	375.5	375.8	375.7	375.5	375.0
-55°	368.4	368.4	367.8	366.6	367.8	368.4	368.4	368.1	367.6	367.2	366.3
-57.5°	360.3	360.3	360.4	360.5	360.4	360.3	360.3	359.9	359.0	357.8	356.1
-60°	352.6	353.8	354.3	354.4	354.3	353.8	352.6	350.9	348.8	346.5	343.7
-62.5°	342.0	344.8	345.9	346.2	345.9	344.8	342.0	338.8	335.4	331.8	327.7
-65°	320.5	322.5	322.6	321.8	322.6	322.5	320.5	318.0	315.2	311.4	306.6
-67.5°	291.2	292.1	292.1	291.3	292.1	292.1	291.2	289.6	287.6	284.3	279.5
-70°	257.1	257.6	259.3	260.7	259.3	257.6	257.1	255.9	254.0	250.8	245.9
-72.5°	218.0	218.9	220.7	222.0	220.7	218.9	218.0	216.5	214.4	211.4	207.5
-75°	177.0	178.2	179.0	179.2	179.0	178.2	177.0	175.3	173.0	170.4	167.7
-77.5°	136.1	137.6	138.3	138.5	138.3	137.6	136.1	134.2	132.0	129.5	127.5
-80°	94.5	95.2	95.6	95.7	95.6	95.2	94.5	93.6	92.4	91.0	89.7
-82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.9	59.2	58.4	57.4
-85°	34.2	34.4	34.6	34.6	34.6	34.4	34.2	33.9	33.5	33.1	32.5
-87.5°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
-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: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-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°	11.5	11.3	11.1	11.3	11.5	11.6	11.7	11.3	11.0	10.5	10.1
85°	31.9	31.2	30.4	29.2	28.1	27.0	26.0	24.7	23.5	22.2	21.0
82.5°	56.3	55.0	53.6	51.9	50.0	47.9	45.5	43.0	40.3	37.3	34.3
80°	88.1	86.2	83.9	81.1	78.0	74.6	71.1	67.4	63.3	59.4	55.7
77.5°	125.1	122.4	119.2	115.5	111.2	106.6	101.7	97.4	93.0	88.0	82.3
75°	164.6	161.0	156.9	152.4	147.4	142.0	136.1	129.7	123.3	116.9	110.1
72.5°	203.3	198.8	194.1	189.3	184.0	177.8	170.6	162.8	154.5	145.8	137.0
70°	240.5	234.6	228.8	223.2	217.1	210.5	203.1	195.1	186.3	176.5	165.7
67.5°	274.1	268.2	262.2	255.5	248.0	240.4	232.9	225.3	216.2	205.9	193.8
65°	301.6	296.2	291.0	284.0	276.3	268.1	259.9	251.1	241.9	232.4	221.0
62.5°	323.0	317.7	312.6	306.6	300.1	293.1	285.0	275.3	265.4	255.1	243.4
60°	340.2	336.1	330.9	325.3	319.3	312.6	304.3	295.9	287.6	276.2	264.4
57.5°	353.9	350.4	345.5	340.5	335.5	328.7	320.8	312.6	303.4	294.4	284.1
55°	364.8	361.7	357.4	352.5	347.0	341.3	335.0	327.2	318.3	309.7	299.5
52.5°	374.2	371.1	367.5	363.6	358.4	352.6	346.4	339.2	332.0	323.2	313.7
50°	381.8	379.1	375.9	371.9	367.5	362.9	356.9	350.0	343.4	335.4	326.2
47.5°	390.9	387.9	384.1	380.1	375.6	370.5	365.3	360.2	353.6	346.6	337.5
45°	403.2	399.0	394.1	389.5	384.2	378.8	372.7	367.9	362.8	355.8	348.2
42.5°	420.9	413.9	407.5	400.8	393.5	387.5	381.4	375.8	370.4	364.3	356.4
40°	448.3	433.7	424.8	415.0	406.2	396.9	390.3	383.6	377.8	371.8	364.0
37.5°	483.6	465.2	448.6	432.5	421.2	410.1	400.5	392.4	384.4	378.1	370.5
35°	521.8	499.8	479.2	458.8	438.7	425.1	412.2	402.0	392.8	384.0	376.6
32.5°	568.5	542.0	515.4	490.2	464.5	442.7	426.5	412.2	400.8	390.9	382.2
30°	621.7	588.4	556.6	525.2	494.0	465.8	442.3	424.3	409.4	397.5	388.0
27.5°	695.0	636.9	599.0	561.2	524.3	491.1	462.5	437.2	418.5	404.7	393.5
25°	820.3	713.9	646.0	599.9	557.1	517.6	484.1	454.4	429.8	411.6	397.6
22.5°	1024.7	842.9	714.8	640.4	591.2	547.6	508.2	472.4	440.3	418.2	402.4
20°	1420.5	1026.7	824.1	697.7	623.3	575.4	531.9	491.4	454.2	425.5	406.6
17.5°	2121.3	1358.7	951.3	762.0	661.3	600.7	554.4	508.9	467.3	431.4	409.9
15°	2968.5	1817.0	1182.3	862.7	703.1	621.5	574.1	524.7	479.8	439.4	414.3
12.5°	4169.6	2322.4	1383.0	943.9	748.4	646.9	590.8	540.3	491.5	447.9	418.1
10°	5170.7	2923.9	1701.7	1094.2	809.0	673.9	603.0	549.6	498.1	453.9	420.6
7.5°	6426.4	3593.6	1986.0	1205.7	854.9	693.1	610.4	554.7	501.7	457.6	421.8
5°	7219.3	4036.4	2176.0	1289.7	888.8	706.1	615.6	556.6	502.3	459.1	422.0
2.5°	7777.2	4264.0	2262.7	1335.7	908.1	711.9	618.1	557.9	504.8	460.5	424.3
0°	7870.1	4438.1	2275.1	1346.3	910.4	708.8	617.1	558.1	507.2	460.3	425.7
-2.5°	7777.2	4264.0	2262.7	1335.7	908.1	711.9	618.1	557.9	504.8	460.5	424.3
-5°	7219.3	4036.4	2176.0	1289.7	888.8	706.1	615.6	556.6	502.3	459.1	422.0
-7.5°	6426.4	3593.6	1986.0	1205.7	854.9	693.1	610.4	554.7	501.7	457.6	421.8
-10°	5170.7	2923.9	1701.7	1094.2	809.0	673.9	603.0	549.6	498.1	453.9	420.6
-12.5°	4169.6	2322.4	1383.0	943.9	748.4	646.9	590.8	540.3	491.5	447.9	418.1
-15°	2968.5	1817.0	1182.3	862.7	703.1	621.5	574.1	524.7	479.8	439.4	414.3
-17.5°	2121.3	1358.7	951.3	762.0	661.3	600.7	554.4	508.9	467.3	431.4	409.9
-20°	1420.5	1026.7	824.1	697.7	623.3	575.4	531.9	491.4	454.2	425.5	406.6



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1024.7	842.9	714.8	640.4	591.2	547.6	508.2	472.4	440.3	418.2	402.4
-25°	820.3	713.9	646.0	599.9	557.1	517.6	484.1	454.4	429.8	411.6	397.6
-27.5°	695.0	636.9	599.0	561.2	524.3	491.1	462.5	437.2	418.5	404.7	393.5
-30°	621.7	588.4	556.6	525.2	494.0	465.8	442.3	424.3	409.4	397.5	388.0
-32.5°	568.5	542.0	515.4	490.2	464.5	442.7	426.5	412.2	400.8	390.9	382.2
-35°	521.8	499.8	479.2	458.8	438.7	425.1	412.2	402.0	392.8	384.0	376.6
-37.5°	483.6	465.2	448.6	432.5	421.2	410.1	400.5	392.4	384.4	378.1	370.5
-40°	448.3	433.7	424.8	415.0	406.2	396.9	390.3	383.6	377.8	371.8	364.0
-42.5°	420.9	413.9	407.5	400.8	393.5	387.5	381.4	375.8	370.4	364.3	356.4
-45°	403.2	399.0	394.1	389.5	384.2	378.8	372.7	367.9	362.8	355.8	348.2
-47.5°	390.9	387.9	384.1	380.1	375.6	370.5	365.3	360.2	353.6	346.6	337.5
-50°	381.8	379.1	375.9	371.9	367.5	362.9	356.9	350.0	343.4	335.4	326.2
-52.5°	374.2	371.1	367.5	363.6	358.4	352.6	346.4	339.2	332.0	323.2	313.7
-55°	364.8	361.7	357.4	352.5	347.0	341.3	335.0	327.2	318.3	309.7	299.5
-57.5°	353.9	350.4	345.5	340.5	335.5	328.7	320.8	312.6	303.4	294.4	284.1
-60°	340.2	336.1	330.9	325.3	319.3	312.6	304.3	295.9	287.6	276.2	264.4
-62.5°	323.0	317.7	312.6	306.6	300.1	293.1	285.0	275.3	265.4	255.1	243.4
-65°	301.6	296.2	291.0	284.0	276.3	268.1	259.9	251.1	241.9	232.4	221.0
-67.5°	274.1	268.2	262.2	255.5	248.0	240.4	232.9	225.3	216.2	205.9	193.8
-70°	240.5	234.6	228.8	223.2	217.1	210.5	203.1	195.1	186.3	176.5	165.7
-72.5°	203.3	198.8	194.1	189.3	184.0	177.8	170.6	162.8	154.5	145.8	137.0
-75°	164.6	161.0	156.9	152.4	147.4	142.0	136.1	129.7	123.3	116.9	110.1
-77.5°	125.1	122.4	119.2	115.5	111.2	106.6	101.7	97.4	93.0	88.0	82.3
-80°	88.1	86.2	83.9	81.1	78.0	74.6	71.1	67.4	63.3	59.4	55.7
-82.5°	56.3	55.0	53.6	51.9	50.0	47.9	45.5	43.0	40.3	37.3	34.3
-85°	31.9	31.2	30.4	29.2	28.1	27.0	26.0	24.7	23.5	22.2	21.0
-87.5°	11.5	11.3	11.1	11.3	11.5	11.6	11.7	11.3	11.0	10.5	10.1
-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: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-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°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
85°	20.2	19.2	18.2	17.0	15.7	14.3	13.2	12.1	10.9	9.8	8.6
82.5°	31.9	30.3	29.0	27.5	26.1	24.5	22.5	20.2	17.5	14.8	12.9
80°	52.4	48.9	45.2	41.4	37.9	34.6	32.4	29.6	25.7	22.0	18.4
77.5°	76.1	69.9	63.8	58.5	53.1	48.0	43.4	39.0	33.9	29.1	24.5
75°	102.2	94.1	86.2	78.1	69.7	61.2	55.0	49.1	42.9	36.3	30.6
72.5°	128.2	118.8	108.9	98.5	88.8	78.7	68.4	59.1	52.1	44.7	36.9
70°	154.6	143.7	132.7	120.7	108.4	96.2	84.6	72.8	61.4	53.1	44.4
67.5°	181.1	168.2	155.6	142.5	128.6	114.6	100.7	87.1	74.0	61.4	51.7
65°	207.0	192.6	177.7	163.4	148.4	132.8	117.3	101.4	86.3	72.1	59.0
62.5°	230.8	216.8	200.7	184.4	168.0	151.0	133.5	116.2	98.6	82.5	67.4
60°	251.8	237.6	222.8	205.6	187.5	169.1	150.0	130.6	111.6	92.7	76.1
57.5°	270.8	257.2	241.9	225.5	206.8	186.9	166.3	145.2	124.3	103.7	84.5
55°	288.4	274.5	259.9	243.3	224.9	204.4	182.3	159.7	136.9	114.7	92.8
52.5°	302.7	290.4	276.0	259.9	241.4	221.1	198.0	173.8	149.5	125.4	102.1
50°	315.6	304.1	290.5	274.5	257.1	236.0	213.4	187.8	161.8	135.9	111.3
47.5°	327.4	316.3	303.4	288.2	270.3	250.4	227.0	201.4	173.6	146.4	120.1
45°	337.8	327.1	315.0	300.1	283.0	262.8	239.8	214.7	185.5	156.6	128.5
42.5°	347.4	336.5	324.7	311.7	294.0	274.3	252.1	226.0	197.1	166.4	136.8
40°	354.9	344.9	333.7	320.3	304.2	285.3	262.4	236.6	208.1	175.9	145.0
37.5°	362.0	352.1	341.0	328.5	313.5	294.3	272.2	246.7	218.1	185.2	152.8
35°	367.9	358.4	347.5	335.3	320.7	302.9	281.6	255.9	226.5	193.9	160.1
32.5°	373.5	363.9	352.8	340.8	327.5	311.0	289.5	263.7	234.4	202.0	167.0
30°	378.6	368.3	357.8	345.8	333.4	317.0	296.3	270.9	241.8	209.5	173.5
27.5°	382.8	372.1	362.2	350.1	337.6	322.4	302.5	277.7	248.6	216.0	179.5
25°	386.7	375.6	365.4	354.1	341.3	327.4	308.3	283.8	254.3	221.5	185.1
22.5°	390.1	378.8	368.0	357.6	344.6	332.1	313.0	288.4	259.3	226.5	190.0
20°	393.2	381.6	370.1	360.3	347.4	334.8	316.7	292.7	263.8	231.0	194.5
17.5°	395.9	384.0	372.3	361.9	349.8	337.2	320.1	296.5	267.7	234.9	198.4
15°	398.4	385.9	374.1	363.2	351.7	339.1	323.2	299.8	271.0	238.2	201.7
12.5°	400.4	387.1	375.6	364.2	353.2	340.7	325.8	302.6	273.8	241.0	204.5
10°	402.0	387.9	376.6	364.9	354.2	341.9	328.0	304.8	276.0	243.3	206.7
7.5°	403.2	388.0	377.3	365.3	354.9	342.8	329.3	306.4	277.7	244.9	208.3
5°	404.2	388.6	378.0	366.0	355.7	343.5	330.0	307.4	278.7	246.0	209.3
2.5°	406.1	390.0	378.6	366.4	356.2	344.0	330.3	307.8	279.1	246.5	209.8
0°	407.4	391.1	378.8	366.6	356.4	344.2	330.0	307.6	279.0	246.4	209.8
-2.5°	406.1	390.0	378.6	366.4	356.2	344.0	330.3	307.8	279.1	246.5	209.8
-5°	404.2	388.6	378.0	366.0	355.7	343.5	330.0	307.4	278.7	246.0	209.3
-7.5°	403.2	388.0	377.3	365.3	354.9	342.8	329.3	306.4	277.7	244.9	208.3
-10°	402.0	387.9	376.6	364.9	354.2	341.9	328.0	304.8	276.0	243.3	206.7
-12.5°	400.4	387.1	375.6	364.2	353.2	340.7	325.8	302.6	273.8	241.0	204.5
-15°	398.4	385.9	374.1	363.2	351.7	339.1	323.2	299.8	271.0	238.2	201.7
-17.5°	395.9	384.0	372.3	361.9	349.8	337.2	320.1	296.5	267.7	234.9	198.4
-20°	393.2	381.6	370.1	360.3	347.4	334.8	316.7	292.7	263.8	231.0	194.5



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	390.1	378.8	368.0	357.6	344.6	332.1	313.0	288.4	259.3	226.5	190.0
-25°	386.7	375.6	365.4	354.1	341.3	327.4	308.3	283.8	254.3	221.5	185.1
-27.5°	382.8	372.1	362.2	350.1	337.6	322.4	302.5	277.7	248.6	216.0	179.5
-30°	378.6	368.3	357.8	345.8	333.4	317.0	296.3	270.9	241.8	209.5	173.5
-32.5°	373.5	363.9	352.8	340.8	327.5	311.0	289.5	263.7	234.4	202.0	167.0
-35°	367.9	358.4	347.5	335.3	320.7	302.9	281.6	255.9	226.5	193.9	160.1
-37.5°	362.0	352.1	341.0	328.5	313.5	294.3	272.2	246.7	218.1	185.2	152.8
-40°	354.9	344.9	333.7	320.3	304.2	285.3	262.4	236.6	208.1	175.9	145.0
-42.5°	347.4	336.5	324.7	311.7	294.0	274.3	252.1	226.0	197.1	166.4	136.8
-45°	337.8	327.1	315.0	300.1	283.0	262.8	239.8	214.7	185.5	156.6	128.5
-47.5°	327.4	316.3	303.4	288.2	270.3	250.4	227.0	201.4	173.6	146.4	120.1
-50°	315.6	304.1	290.5	274.5	257.1	236.0	213.4	187.8	161.8	135.9	111.3
-52.5°	302.7	290.4	276.0	259.9	241.4	221.1	198.0	173.8	149.5	125.4	102.1
-55°	288.4	274.5	259.9	243.3	224.9	204.4	182.3	159.7	136.9	114.7	92.8
-57.5°	270.8	257.2	241.9	225.5	206.8	186.9	166.3	145.2	124.3	103.7	84.5
-60°	251.8	237.6	222.8	205.6	187.5	169.1	150.0	130.6	111.6	92.7	76.1
-62.5°	230.8	216.8	200.7	184.4	168.0	151.0	133.5	116.2	98.6	82.5	67.4
-65°	207.0	192.6	177.7	163.4	148.4	132.8	117.3	101.4	86.3	72.1	59.0
-67.5°	181.1	168.2	155.6	142.5	128.6	114.6	100.7	87.1	74.0	61.4	51.7
-70°	154.6	143.7	132.7	120.7	108.4	96.2	84.6	72.8	61.4	53.1	44.4
-72.5°	128.2	118.8	108.9	98.5	88.8	78.7	68.4	59.1	52.1	44.7	36.9
-75°	102.2	94.1	86.2	78.1	69.7	61.2	55.0	49.1	42.9	36.3	30.6
-77.5°	76.1	69.9	63.8	58.5	53.1	48.0	43.4	39.0	33.9	29.1	24.5
-80°	52.4	48.9	45.2	41.4	37.9	34.6	32.4	29.6	25.7	22.0	18.4
-82.5°	31.9	30.3	29.0	27.5	26.1	24.5	22.5	20.2	17.5	14.8	12.9
-85°	20.2	19.2	18.2	17.0	15.7	14.3	13.2	12.1	10.9	9.8	8.6
-87.5°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
-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: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
85°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
82.5°	11.1	9.6	8.0	6.2	4.2	2.1	0.0
80°	15.0	12.8	10.6	8.2	5.7	2.8	0.0
77.5°	20.1	16.4	13.2	10.3	7.0	3.5	0.0
75°	25.3	20.7	16.0	12.3	8.4	4.2	0.0
72.5°	30.4	24.9	19.4	14.3	9.8	4.9	0.0
70°	35.6	29.1	22.8	16.4	11.1	5.6	0.0
67.5°	42.0	33.3	26.1	18.9	12.5	6.2	0.0
65°	48.3	37.9	29.4	21.3	13.8	6.9	0.0
62.5°	54.4	43.0	32.6	23.8	15.0	7.5	0.0
60°	60.4	47.9	35.8	26.1	16.3	8.1	0.0
57.5°	67.5	52.7	39.5	28.4	17.8	8.8	0.0
55°	74.6	57.3	43.2	30.7	19.3	9.3	0.0
52.5°	81.5	62.0	46.8	32.9	20.7	9.9	0.0
50°	88.2	67.6	50.2	35.0	22.1	10.5	0.0
47.5°	94.8	72.9	53.5	37.2	23.4	11.0	0.0
45°	102.0	78.1	56.7	39.5	24.7	11.5	0.0
42.5°	108.8	83.0	59.7	41.8	26.0	12.0	0.0
40°	115.3	87.8	63.0	43.9	27.1	12.5	0.0
37.5°	121.5	92.2	66.6	45.8	28.3	12.9	0.0
35°	127.3	96.9	69.9	47.7	29.3	13.4	0.0
32.5°	132.8	101.4	73.1	49.4	30.3	13.7	0.0
30°	138.3	105.6	76.1	51.0	31.2	14.1	0.0
27.5°	143.4	109.5	78.8	52.4	32.1	14.5	0.0
25°	148.1	113.0	81.3	53.7	32.9	14.8	0.0
22.5°	152.3	116.2	83.5	54.8	33.6	15.1	0.0
20°	156.1	119.2	85.6	55.9	34.2	15.3	0.0
17.5°	159.6	121.8	87.5	56.8	34.8	15.5	0.0
15°	162.6	124.1	89.1	57.5	35.3	15.7	0.0
12.5°	165.2	126.0	90.5	58.1	35.7	15.9	0.0
10°	167.3	127.6	91.6	58.6	36.1	16.1	0.0
7.5°	169.0	128.8	92.5	58.9	36.4	16.2	0.0
5°	170.1	129.7	93.2	59.1	36.5	16.2	0.0
2.5°	170.9	130.2	93.6	59.2	36.7	16.3	0.0
0°	171.1	130.4	93.7	59.1	36.7	16.3	0.0
-2.5°	170.9	130.2	93.6	59.2	36.7	16.3	0.0
-5°	170.1	129.7	93.2	59.1	36.5	16.2	0.0
-7.5°	169.0	128.8	92.5	58.9	36.4	16.2	0.0
-10°	167.3	127.6	91.6	58.6	36.1	16.1	0.0
-12.5°	165.2	126.0	90.5	58.1	35.7	15.9	0.0
-15°	162.6	124.1	89.1	57.5	35.3	15.7	0.0
-17.5°	159.6	121.8	87.5	56.8	34.8	15.5	0.0
-20°	156.1	119.2	85.6	55.9	34.2	15.3	0.0



REPORT NUMBER: P558960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.3	116.2	83.5	54.8	33.6	15.1	0.0
-25°	148.1	113.0	81.3	53.7	32.9	14.8	0.0
-27.5°	143.4	109.5	78.8	52.4	32.1	14.5	0.0
-30°	138.3	105.6	76.1	51.0	31.2	14.1	0.0
-32.5°	132.8	101.4	73.1	49.4	30.3	13.7	0.0
-35°	127.3	96.9	69.9	47.7	29.3	13.4	0.0
-37.5°	121.5	92.2	66.6	45.8	28.3	12.9	0.0
-40°	115.3	87.8	63.0	43.9	27.1	12.5	0.0
-42.5°	108.8	83.0	59.7	41.8	26.0	12.0	0.0
-45°	102.0	78.1	56.7	39.5	24.7	11.5	0.0
-47.5°	94.8	72.9	53.5	37.2	23.4	11.0	0.0
-50°	88.2	67.6	50.2	35.0	22.1	10.5	0.0
-52.5°	81.5	62.0	46.8	32.9	20.7	9.9	0.0
-55°	74.6	57.3	43.2	30.7	19.3	9.3	0.0
-57.5°	67.5	52.7	39.5	28.4	17.8	8.8	0.0
-60°	60.4	47.9	35.8	26.1	16.3	8.1	0.0
-62.5°	54.4	43.0	32.6	23.8	15.0	7.5	0.0
-65°	48.3	37.9	29.4	21.3	13.8	6.9	0.0
-67.5°	42.0	33.3	26.1	18.9	12.5	6.2	0.0
-70°	35.6	29.1	22.8	16.4	11.1	5.6	0.0
-72.5°	30.4	24.9	19.4	14.3	9.8	4.9	0.0
-75°	25.3	20.7	16.0	12.3	8.4	4.2	0.0
-77.5°	20.1	16.4	13.2	10.3	7.0	3.5	0.0
-80°	15.0	12.8	10.6	8.2	5.7	2.8	0.0
-82.5°	11.1	9.6	8.0	6.2	4.2	2.1	0.0
-85°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
-87.5°	3.7	3.2	2.7	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)