

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: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-930-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

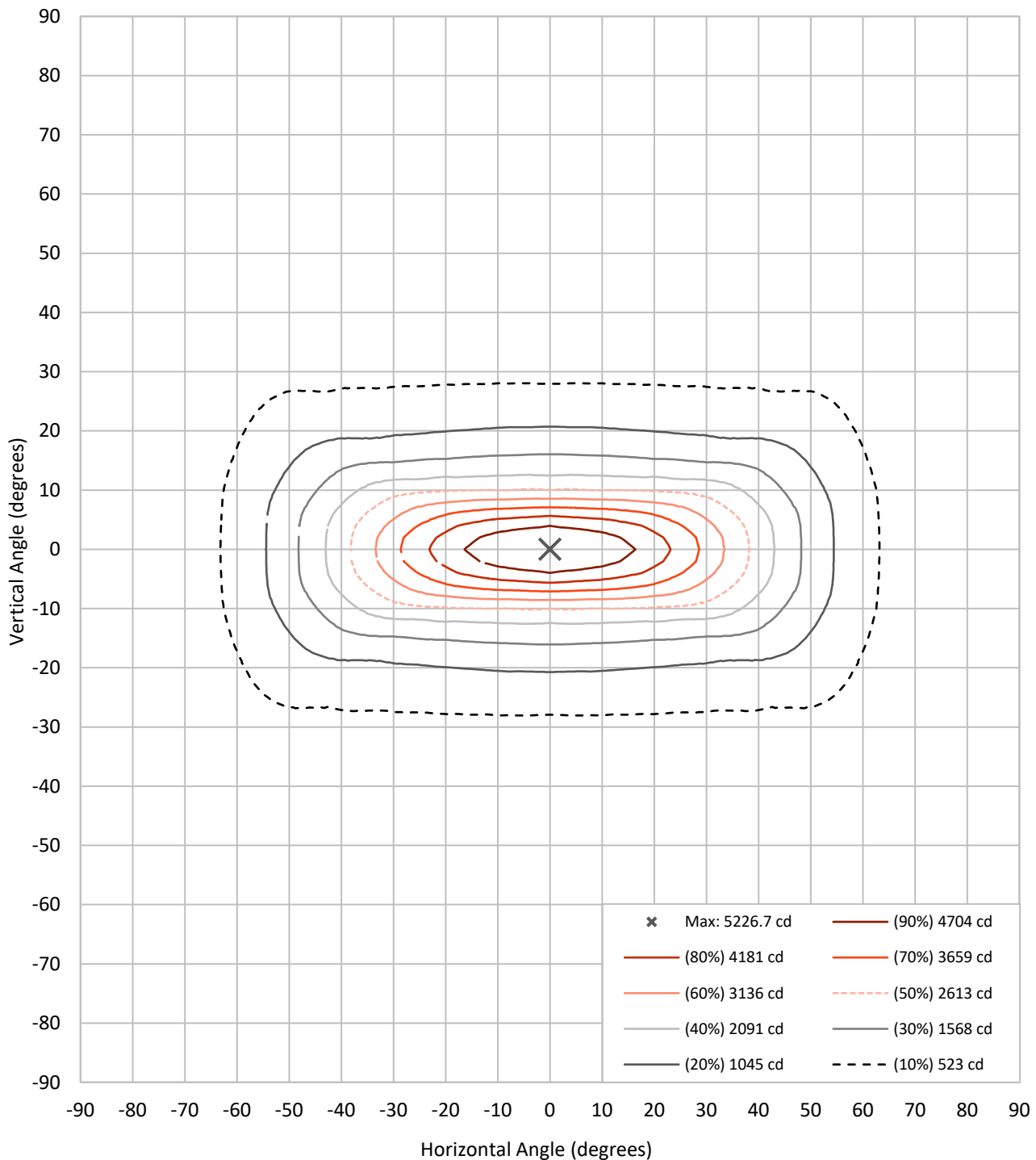
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	3743.3 lumens	Max Intensity:	5226.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1497.7 lumens	Field Lumens:	3068 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 44
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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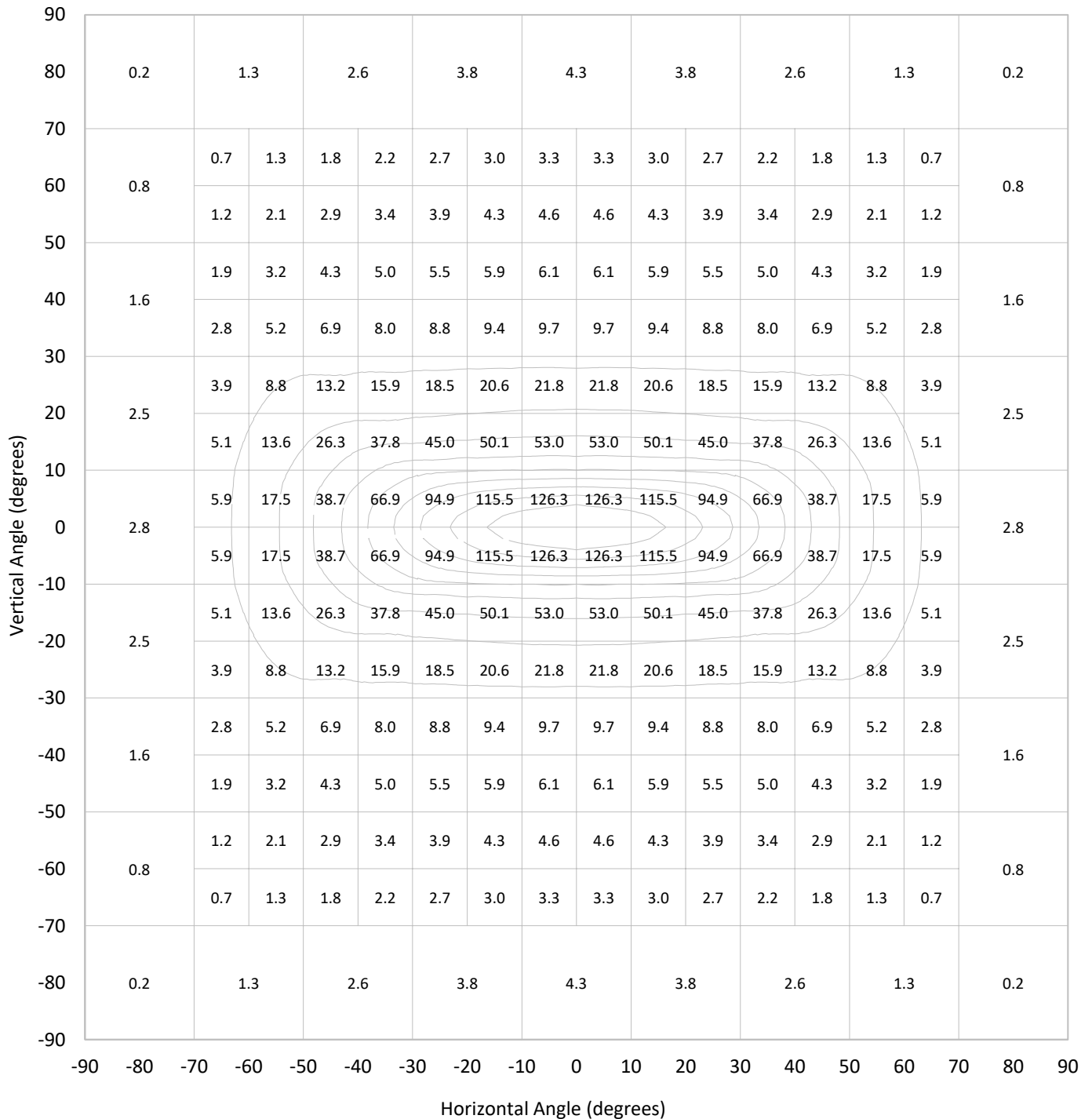
Iso-Candela Plot





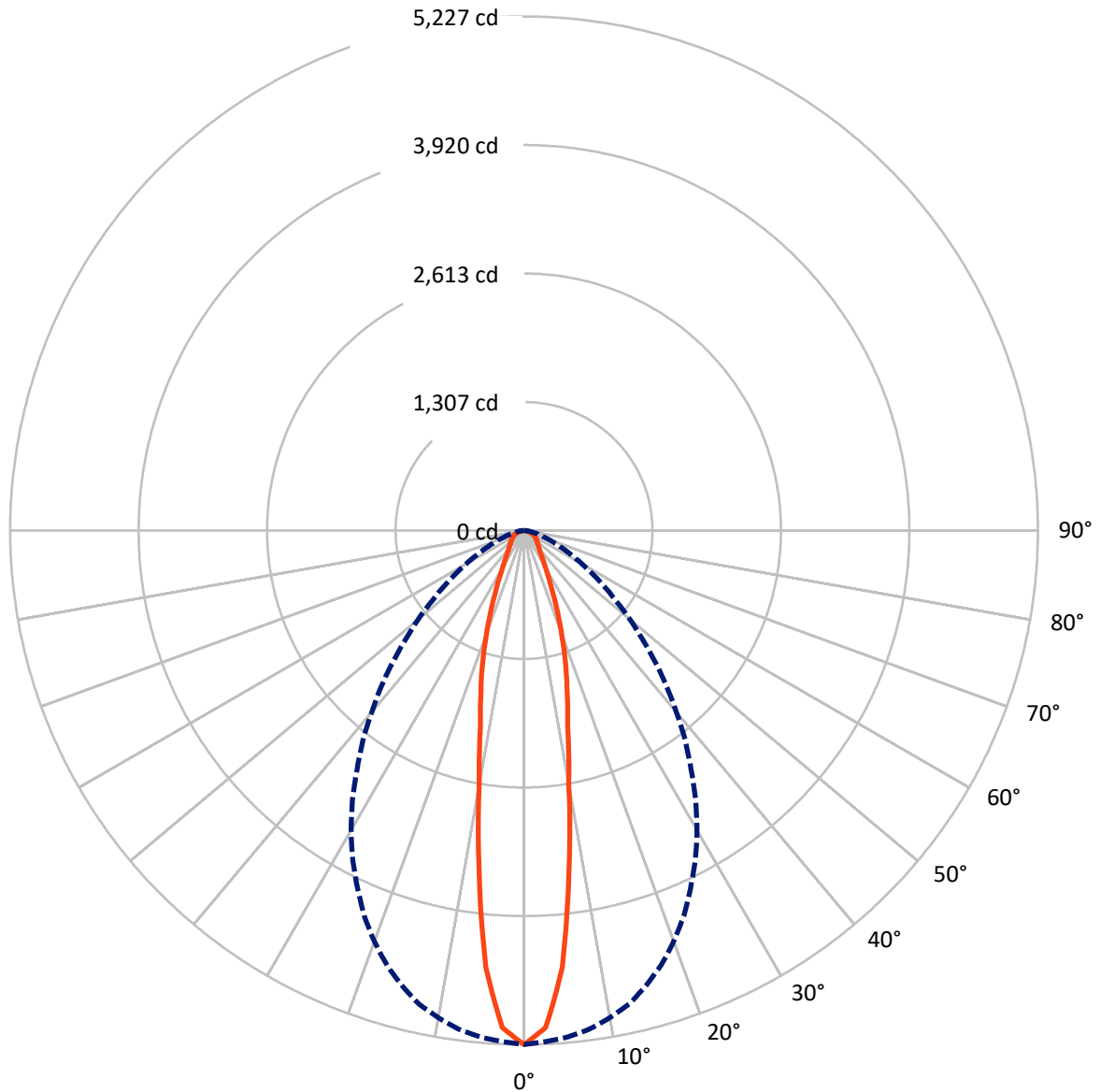
REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
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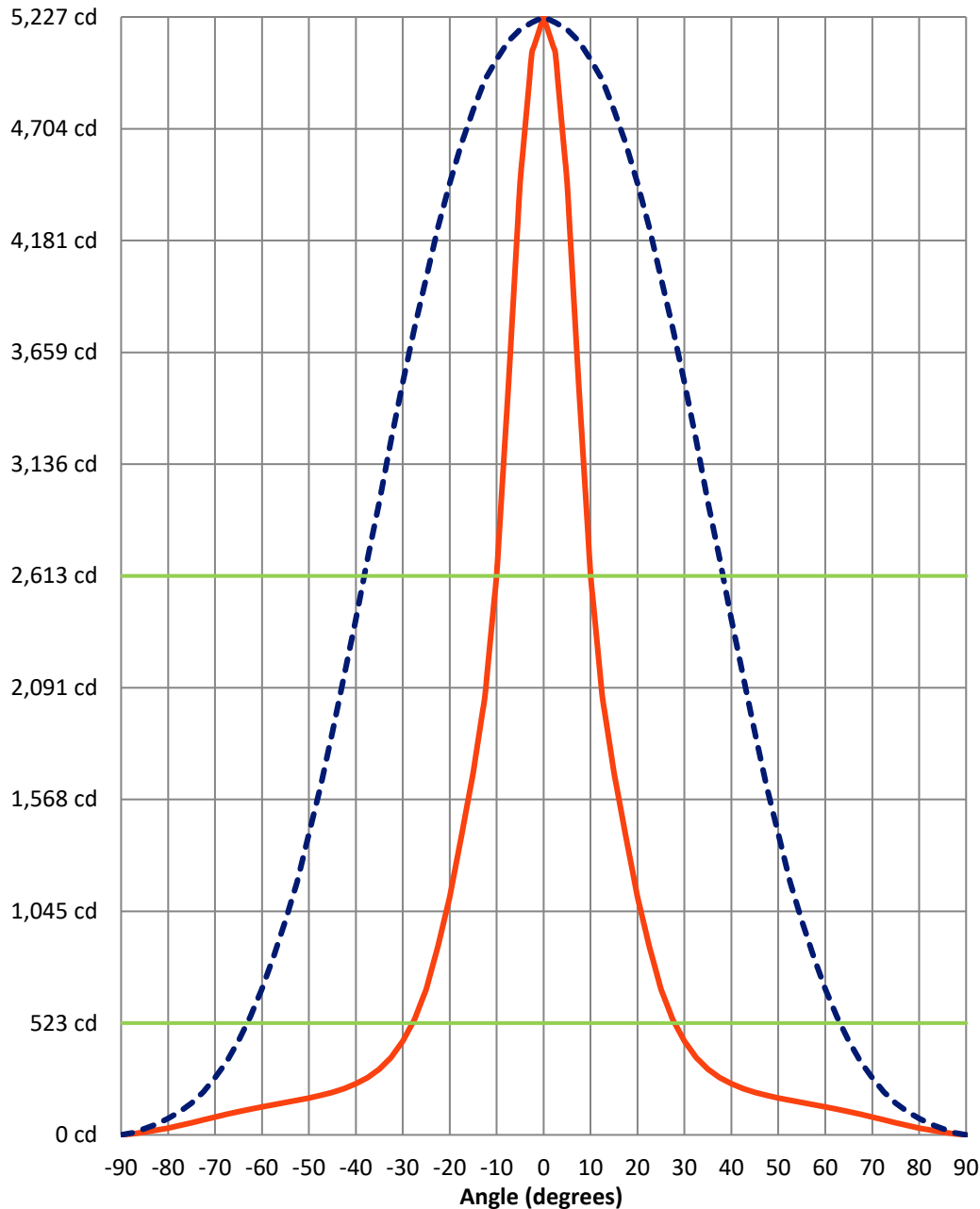
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 1497.7
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 3068
 Efficiency: 82.0%

Spill:
 Lumens: 675.3
 Efficiency: 18.0%

— 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	0.4	0.9	1.2	1.6	1.9	2.1	2.4	2.6	2.9	3.1
85°	0.0	0.9	1.7	2.5	3.1	3.7	4.2	4.7	5.3	5.7	6.2
82.5°	0.0	1.3	2.6	3.7	4.7	5.6	6.3	7.1	8.1	9.6	11.0
80°	0.0	1.7	3.5	5.0	6.3	7.4	8.6	10.9	13.1	15.0	16.8
77.5°	0.0	2.2	4.3	6.2	7.8	9.8	12.7	15.5	18.1	20.5	22.7
75°	0.0	2.6	5.2	7.4	9.6	13.3	16.7	20.0	23.2	26.4	29.1
72.5°	0.0	3.0	6.0	8.6	12.5	16.8	20.7	24.7	28.8	32.4	35.5
70°	0.0	3.4	6.8	10.0	15.3	20.2	24.8	29.9	34.5	38.5	42.5
67.5°	0.0	3.8	7.6	12.2	18.1	23.6	29.4	35.0	40.2	45.4	49.6
65°	0.0	4.2	8.4	14.3	20.9	27.3	34.0	40.2	46.7	52.4	57.4
62.5°	0.0	4.6	9.2	16.4	23.6	31.3	38.7	46.0	53.3	59.7	66.2
60°	0.0	5.0	10.0	18.5	26.3	35.2	43.3	52.0	59.9	68.0	75.1
57.5°	0.0	5.4	11.3	20.5	29.5	39.1	48.5	58.0	67.3	76.3	84.7
55°	0.0	5.7	12.7	22.5	32.7	43.0	53.7	64.0	74.9	84.9	94.9
52.5°	0.0	6.1	13.9	24.4	35.8	46.9	58.8	70.7	82.5	94.7	105.3
50°	0.0	6.4	15.2	26.3	38.8	51.2	63.9	77.6	90.5	104.6	117.6
47.5°	0.0	6.8	16.4	28.3	41.8	55.4	69.1	84.5	99.6	114.7	130.7
45°	0.0	7.1	17.6	30.5	44.7	59.5	75.0	91.4	108.9	127.0	144.2
42.5°	0.0	7.4	18.7	32.6	47.5	63.5	81.0	99.1	118.3	139.6	159.6
40°	0.0	7.7	19.8	34.6	50.4	67.3	86.8	107.1	128.3	152.4	175.7
37.5°	0.0	7.9	20.8	36.4	53.4	71.1	92.6	115.1	139.6	165.9	192.4
35°	0.0	8.2	21.8	38.1	56.3	75.4	98.3	123.0	150.9	180.8	210.5
32.5°	0.0	8.4	22.7	39.8	59.0	79.9	104.1	130.7	162.1	195.9	230.4
30°	0.0	8.7	23.6	41.2	61.7	84.2	110.4	138.7	173.2	211.1	250.8
27.5°	0.0	8.9	24.4	42.6	63.8	88.3	116.4	147.7	184.8	226.4	271.5
25°	0.0	9.1	25.1	43.9	65.8	92.3	122.2	156.5	197.3	243.0	292.5
22.5°	0.0	9.2	25.8	45.0	67.7	95.9	127.7	164.9	209.5	260.2	315.5
20°	0.0	9.4	26.5	46.0	69.4	98.6	133.0	173.0	221.5	277.2	338.3
17.5°	0.0	9.5	27.0	46.9	71.0	101.0	136.9	180.7	233.0	293.8	360.7
15°	0.0	9.7	27.5	47.6	72.3	103.0	139.9	186.8	244.0	309.8	382.6
12.5°	0.0	9.8	28.0	48.2	73.5	104.8	142.4	190.8	252.0	325.2	403.7
10°	0.0	9.8	28.3	48.7	74.6	106.2	144.5	194.0	257.0	332.5	420.1
7.5°	0.0	9.9	28.6	49.1	75.4	107.2	146.2	196.6	261.1	337.3	427.6
5°	0.0	10.0	28.9	49.4	76.0	108.0	147.4	198.5	264.2	340.6	433.4
2.5°	0.0	10.0	29.0	49.5	76.5	108.4	148.1	199.7	266.3	342.4	437.4
0°	0.0	10.0	29.1	49.5	76.7	108.5	148.4	200.2	267.3	342.9	439.5
-2.5°	0.0	10.0	29.0	49.5	76.5	108.4	148.1	199.7	266.3	342.4	437.4
-5°	0.0	10.0	28.9	49.4	76.0	108.0	147.4	198.5	264.2	340.6	433.4
-7.5°	0.0	9.9	28.6	49.1	75.4	107.2	146.2	196.6	261.1	337.3	427.6
-10°	0.0	9.8	28.3	48.7	74.6	106.2	144.5	194.0	257.0	332.5	420.1
-12.5°	0.0	9.8	28.0	48.2	73.5	104.8	142.4	190.8	252.0	325.2	403.7
-15°	0.0	9.7	27.5	47.6	72.3	103.0	139.9	186.8	244.0	309.8	382.6
-17.5°	0.0	9.5	27.0	46.9	71.0	101.0	136.9	180.7	233.0	293.8	360.7
-20°	0.0	9.4	26.5	46.0	69.4	98.6	133.0	173.0	221.5	277.2	338.3



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 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.2	25.8	45.0	67.7	95.9	127.7	164.9	209.5	260.2	315.5
-25°	0.0	9.1	25.1	43.9	65.8	92.3	122.2	156.5	197.3	243.0	292.5
-27.5°	0.0	8.9	24.4	42.6	63.8	88.3	116.4	147.7	184.8	226.4	271.5
-30°	0.0	8.7	23.6	41.2	61.7	84.2	110.4	138.7	173.2	211.1	250.8
-32.5°	0.0	8.4	22.7	39.8	59.0	79.9	104.1	130.7	162.1	195.9	230.4
-35°	0.0	8.2	21.8	38.1	56.3	75.4	98.3	123.0	150.9	180.8	210.5
-37.5°	0.0	7.9	20.8	36.4	53.4	71.1	92.6	115.1	139.6	165.9	192.4
-40°	0.0	7.7	19.8	34.6	50.4	67.3	86.8	107.1	128.3	152.4	175.7
-42.5°	0.0	7.4	18.7	32.6	47.5	63.5	81.0	99.1	118.3	139.6	159.6
-45°	0.0	7.1	17.6	30.5	44.7	59.5	75.0	91.4	108.9	127.0	144.2
-47.5°	0.0	6.8	16.4	28.3	41.8	55.4	69.1	84.5	99.6	114.7	130.7
-50°	0.0	6.4	15.2	26.3	38.8	51.2	63.9	77.6	90.5	104.6	117.6
-52.5°	0.0	6.1	13.9	24.4	35.8	46.9	58.8	70.7	82.5	94.7	105.3
-55°	0.0	5.7	12.7	22.5	32.7	43.0	53.7	64.0	74.9	84.9	94.9
-57.5°	0.0	5.4	11.3	20.5	29.5	39.1	48.5	58.0	67.3	76.3	84.7
-60°	0.0	5.0	10.0	18.5	26.3	35.2	43.3	52.0	59.9	68.0	75.1
-62.5°	0.0	4.6	9.2	16.4	23.6	31.3	38.7	46.0	53.3	59.7	66.2
-65°	0.0	4.2	8.4	14.3	20.9	27.3	34.0	40.2	46.7	52.4	57.4
-67.5°	0.0	3.8	7.6	12.2	18.1	23.6	29.4	35.0	40.2	45.4	49.6
-70°	0.0	3.4	6.8	10.0	15.3	20.2	24.8	29.9	34.5	38.5	42.5
-72.5°	0.0	3.0	6.0	8.6	12.5	16.8	20.7	24.7	28.8	32.4	35.5
-75°	0.0	2.6	5.2	7.4	9.6	13.3	16.7	20.0	23.2	26.4	29.1
-77.5°	0.0	2.2	4.3	6.2	7.8	9.8	12.7	15.5	18.1	20.5	22.7
-80°	0.0	1.7	3.5	5.0	6.3	7.4	8.6	10.9	13.1	15.0	16.8
-82.5°	0.0	1.3	2.6	3.7	4.7	5.6	6.3	7.1	8.1	9.6	11.0
-85°	0.0	0.9	1.7	2.5	3.1	3.7	4.2	4.7	5.3	5.7	6.2
-87.5°	0.0	0.4	0.9	1.2	1.6	1.9	2.1	2.4	2.6	2.9	3.1
-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: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-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°	3.3	3.5	3.8	4.0	4.1	4.3	4.5	4.6	4.8	5.0	5.2
85°	6.6	7.1	7.9	8.5	9.0	9.5	10.0	10.3	10.7	11.0	11.2
82.5°	12.2	13.2	14.0	14.6	15.3	15.9	16.5	16.9	17.4	17.9	18.3
80°	18.2	19.4	20.6	21.6	22.7	23.4	23.9	24.1	24.7	25.5	26.3
77.5°	24.7	26.5	28.1	29.4	30.5	31.5	32.1	32.6	33.5	34.7	35.6
75°	31.5	33.7	35.8	37.7	39.1	40.2	41.1	41.7	42.9	44.4	45.6
72.5°	38.5	41.4	43.9	46.1	48.1	49.6	50.8	51.5	52.7	54.4	55.8
70°	45.8	49.1	52.6	55.4	57.6	59.4	60.9	61.9	63.0	64.7	66.0
67.5°	53.5	58.2	62.1	65.1	67.4	69.7	71.3	72.4	72.9	74.6	76.1
65°	62.5	67.6	71.8	75.2	77.6	80.3	82.2	83.1	83.4	85.3	87.1
62.5°	71.7	77.3	82.0	85.8	88.9	91.5	93.6	94.8	95.0	96.4	98.5
60°	81.5	87.2	92.8	97.4	100.7	103.4	105.7	106.9	107.1	107.7	110.1
57.5°	91.7	97.9	104.3	109.5	113.4	115.6	118.1	119.5	120.0	119.7	122.2
55°	102.8	109.2	116.5	122.6	126.7	128.7	131.1	133.0	133.7	133.3	134.7
52.5°	115.3	121.7	129.5	136.2	140.8	143.2	144.9	147.3	148.4	147.9	147.6
50°	128.5	136.6	143.0	150.7	156.2	159.4	159.4	162.4	163.9	163.4	161.5
47.5°	143.5	152.6	157.4	166.2	173.4	177.1	177.4	178.6	180.4	180.8	179.1
45°	159.7	170.7	176.0	183.8	191.9	196.4	197.8	195.7	198.9	199.8	198.8
42.5°	176.7	190.8	199.1	202.3	211.7	218.0	220.5	219.0	218.8	221.0	221.0
40°	196.3	212.6	225.1	228.3	233.1	241.8	247.0	246.7	241.0	245.1	246.1
37.5°	217.4	238.5	253.9	260.7	257.1	268.8	276.3	279.4	275.8	271.7	276.4
35°	239.5	266.2	286.9	298.5	299.1	298.8	310.7	317.1	317.5	310.0	311.7
32.5°	264.3	295.6	323.0	341.9	350.4	345.1	348.3	361.6	368.2	365.4	354.7
30°	290.8	329.2	362.9	389.5	408.7	414.3	401.6	412.0	426.6	432.4	427.7
27.5°	317.7	365.0	407.7	444.6	474.2	493.1	493.5	477.4	493.9	507.9	513.3
25°	345.0	400.7	455.2	505.2	550.1	582.4	597.3	599.1	576.0	597.0	616.5
22.5°	374.1	437.5	502.1	569.7	632.3	679.8	715.8	737.6	736.9	714.9	732.1
20°	404.9	477.6	552.8	633.0	718.4	783.6	844.0	890.3	918.1	927.4	909.4
17.5°	435.6	518.0	606.0	701.5	800.3	890.7	981.3	1055.1	1113.5	1161.5	1178.7
15°	466.0	558.3	659.5	770.5	884.6	997.8	1114.3	1227.3	1326.7	1414.5	1466.6
12.5°	495.6	598.1	712.5	839.2	970.2	1106.4	1245.4	1383.0	1526.3	1668.5	1776.6
10°	524.2	636.8	764.4	906.7	1055.6	1215.0	1376.3	1539.6	1713.6	1881.4	2042.9
7.5°	536.5	662.1	809.1	972.1	1139.6	1321.9	1505.2	1694.8	1898.1	2093.8	2291.0
5°	544.0	672.2	821.6	991.4	1177.9	1391.7	1610.3	1845.2	2077.3	2302.6	2534.9
2.5°	549.0	679.1	830.0	999.1	1183.5	1403.1	1624.5	1868.4	2128.8	2389.3	2665.9
0°	551.5	682.7	834.2	1001.4	1182.8	1406.8	1630.0	1881.6	2145.5	2410.5	2693.5
-2.5°	549.0	679.1	830.0	999.1	1183.5	1403.1	1624.5	1868.4	2128.8	2389.3	2665.9
-5°	544.0	672.2	821.6	991.4	1177.9	1391.7	1610.3	1845.2	2077.3	2302.6	2534.9
-7.5°	536.5	662.1	809.1	972.1	1139.6	1321.9	1505.2	1694.8	1898.1	2093.8	2291.0
-10°	524.2	636.8	764.4	906.7	1055.6	1215.0	1376.3	1539.6	1713.6	1881.4	2042.9
-12.5°	495.6	598.1	712.5	839.2	970.2	1106.4	1245.4	1383.0	1526.3	1668.5	1776.6
-15°	466.0	558.3	659.5	770.5	884.6	997.8	1114.3	1227.3	1326.7	1414.5	1466.6
-17.5°	435.6	518.0	606.0	701.5	800.3	890.7	981.3	1055.1	1113.5	1161.5	1178.7
-20°	404.9	477.6	552.8	633.0	718.4	783.6	844.0	890.3	918.1	927.4	909.4



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	374.1	437.5	502.1	569.7	632.3	679.8	715.8	737.6	736.9	714.9	732.1
-25°	345.0	400.7	455.2	505.2	550.1	582.4	597.3	599.1	576.0	597.0	616.5
-27.5°	317.7	365.0	407.7	444.6	474.2	493.1	493.5	477.4	493.9	507.9	513.3
-30°	290.8	329.2	362.9	389.5	408.7	414.3	401.6	412.0	426.6	432.4	427.7
-32.5°	264.3	295.6	323.0	341.9	350.4	345.1	348.3	361.6	368.2	365.4	354.7
-35°	239.5	266.2	286.9	298.5	299.1	298.8	310.7	317.1	317.5	310.0	311.7
-37.5°	217.4	238.5	253.9	260.7	257.1	268.8	276.3	279.4	275.8	271.7	276.4
-40°	196.3	212.6	225.1	228.3	233.1	241.8	247.0	246.7	241.0	245.1	246.1
-42.5°	176.7	190.8	199.1	202.3	211.7	218.0	220.5	219.0	218.8	221.0	221.0
-45°	159.7	170.7	176.0	183.8	191.9	196.4	197.8	195.7	198.9	199.8	198.8
-47.5°	143.5	152.6	157.4	166.2	173.4	177.1	177.4	178.6	180.4	180.8	179.1
-50°	128.5	136.6	143.0	150.7	156.2	159.4	159.4	162.4	163.9	163.4	161.5
-52.5°	115.3	121.7	129.5	136.2	140.8	143.2	144.9	147.3	148.4	147.9	147.6
-55°	102.8	109.2	116.5	122.6	126.7	128.7	131.1	133.0	133.7	133.3	134.7
-57.5°	91.7	97.9	104.3	109.5	113.4	115.6	118.1	119.5	120.0	119.7	122.2
-60°	81.5	87.2	92.8	97.4	100.7	103.4	105.7	106.9	107.1	107.7	110.1
-62.5°	71.7	77.3	82.0	85.8	88.9	91.5	93.6	94.8	95.0	96.4	98.5
-65°	62.5	67.6	71.8	75.2	77.6	80.3	82.2	83.1	83.4	85.3	87.1
-67.5°	53.5	58.2	62.1	65.1	67.4	69.7	71.3	72.4	72.9	74.6	76.1
-70°	45.8	49.1	52.6	55.4	57.6	59.4	60.9	61.9	63.0	64.7	66.0
-72.5°	38.5	41.4	43.9	46.1	48.1	49.6	50.8	51.5	52.7	54.4	55.8
-75°	31.5	33.7	35.8	37.7	39.1	40.2	41.1	41.7	42.9	44.4	45.6
-77.5°	24.7	26.5	28.1	29.4	30.5	31.5	32.1	32.6	33.5	34.7	35.6
-80°	18.2	19.4	20.6	21.6	22.7	23.4	23.9	24.1	24.7	25.5	26.3
-82.5°	12.2	13.2	14.0	14.6	15.3	15.9	16.5	16.9	17.4	17.9	18.3
-85°	6.6	7.1	7.9	8.5	9.0	9.5	10.0	10.3	10.7	11.0	11.2
-87.5°	3.3	3.5	3.8	4.0	4.1	4.3	4.5	4.6	4.8	5.0	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-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°	5.3	5.3	5.2	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.7
85°	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.7	12.8	12.8	12.8
82.5°	18.6	19.2	19.8	20.4	21.0	21.3	21.5	21.6	21.7	21.8	22.0
80°	27.0	27.9	28.8	29.5	30.1	30.5	30.8	31.1	31.3	31.5	31.6
77.5°	36.5	37.5	38.5	39.4	40.1	40.8	41.3	41.8	42.2	42.7	43.2
75°	46.7	47.8	49.0	50.1	51.0	52.0	53.0	53.9	54.7	55.4	56.0
72.5°	56.9	58.1	59.5	60.9	62.2	63.6	64.9	66.1	67.1	68.1	68.9
70°	67.0	68.1	70.0	71.9	73.6	75.2	76.8	78.3	79.5	80.8	81.9
67.5°	77.4	78.6	81.0	83.1	85.0	86.8	88.7	90.3	91.8	93.1	94.3
65°	88.6	89.6	92.2	94.5	96.5	98.2	100.2	102.1	103.7	105.1	106.3
62.5°	100.1	101.1	103.2	105.5	107.5	109.1	111.5	113.5	115.2	116.7	117.9
60°	111.7	112.6	114.3	116.8	118.9	120.7	122.8	124.8	126.5	128.0	129.3
57.5°	123.9	124.8	125.5	128.1	130.2	131.8	133.6	135.6	137.2	138.6	139.9
55°	136.4	137.1	136.9	139.2	141.1	142.4	143.8	145.9	147.5	148.7	149.9
52.5°	149.3	150.1	149.5	150.5	152.6	153.8	154.3	156.6	158.3	159.4	160.5
50°	163.5	164.2	163.7	163.1	165.1	166.4	166.7	168.5	170.1	170.9	171.7
47.5°	179.0	179.8	179.4	177.1	179.0	180.6	180.6	181.4	183.0	183.6	184.1
45°	195.8	197.4	197.1	195.5	195.3	196.9	196.7	196.1	197.9	198.7	199.0
42.5°	217.9	217.4	217.9	217.0	214.3	216.0	216.2	213.9	216.2	217.2	216.7
40°	245.0	240.0	242.8	242.4	239.8	239.4	240.8	238.9	239.3	240.7	239.6
37.5°	277.1	273.6	272.1	273.3	272.6	269.2	271.9	271.2	269.1	271.5	270.5
35°	316.7	315.7	307.7	312.5	313.5	310.4	311.3	312.7	308.1	311.7	311.3
32.5°	363.0	365.4	363.7	360.7	365.2	365.8	360.5	366.8	364.3	365.2	367.7
30°	415.5	427.5	433.4	428.1	430.9	436.5	434.0	438.3	440.4	437.2	443.3
27.5°	507.1	502.8	516.9	523.0	516.4	526.6	534.0	530.8	541.6	535.2	544.3
25°	623.5	617.3	621.0	641.2	645.6	640.5	661.4	663.8	672.4	673.4	679.8
22.5°	760.3	775.4	773.7	779.8	805.1	813.6	821.3	841.4	836.9	855.1	858.2
20°	913.3	951.3	977.5	983.0	993.8	1023.0	1036.3	1052.2	1062.8	1080.1	1094.7
17.5°	1172.0	1152.5	1203.9	1236.2	1253.1	1259.2	1294.3	1305.7	1332.1	1347.2	1362.1
15°	1504.1	1515.5	1492.3	1523.1	1575.1	1592.6	1572.4	1619.6	1632.9	1658.2	1662.7
12.5°	1859.2	1916.6	1944.8	1952.5	1925.3	1999.3	2028.9	1991.7	2033.9	2026.3	2061.0
10°	2197.9	2337.6	2421.2	2480.0	2515.7	2537.3	2558.7	2597.1	2597.8	2626.3	2609.6
7.5°	2476.1	2653.1	2822.3	2986.3	3117.6	3191.2	3249.0	3304.4	3378.3	3413.7	3436.7
5°	2748.2	2952.5	3154.8	3353.8	3533.9	3707.1	3877.0	4024.3	4102.4	4193.6	4275.0
2.5°	2924.2	3182.6	3441.0	3697.1	3905.2	4096.2	4272.9	4437.1	4581.1	4714.3	4826.9
0°	2958.5	3247.7	3517.3	3772.8	4007.1	4243.0	4448.9	4634.6	4791.4	4933.0	5028.5
-2.5°	2924.2	3182.6	3441.0	3697.1	3905.2	4096.2	4272.9	4437.1	4581.1	4714.3	4826.9
-5°	2748.2	2952.5	3154.8	3353.8	3533.9	3707.1	3877.0	4024.3	4102.4	4193.6	4275.0
-7.5°	2476.1	2653.1	2822.3	2986.3	3117.6	3191.2	3249.0	3304.4	3378.3	3413.7	3436.7
-10°	2197.9	2337.6	2421.2	2480.0	2515.7	2537.3	2558.7	2597.1	2597.8	2626.3	2609.6
-12.5°	1859.2	1916.6	1944.8	1952.5	1925.3	1999.3	2028.9	1991.7	2033.9	2026.3	2061.0
-15°	1504.1	1515.5	1492.3	1523.1	1575.1	1592.6	1572.4	1619.6	1632.9	1658.2	1662.7
-17.5°	1172.0	1152.5	1203.9	1236.2	1253.1	1259.2	1294.3	1305.7	1332.1	1347.2	1362.1
-20°	913.3	951.3	977.5	983.0	993.8	1023.0	1036.3	1052.2	1062.8	1080.1	1094.7



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	760.3	775.4	773.7	779.8	805.1	813.6	821.3	841.4	836.9	855.1	858.2
-25°	623.5	617.3	621.0	641.2	645.6	640.5	661.4	663.8	672.4	673.4	679.8
-27.5°	507.1	502.8	516.9	523.0	516.4	526.6	534.0	530.8	541.6	535.2	544.3
-30°	415.5	427.5	433.4	428.1	430.9	436.5	434.0	438.3	440.4	437.2	443.3
-32.5°	363.0	365.4	363.7	360.7	365.2	365.8	360.5	366.8	364.3	365.2	367.7
-35°	316.7	315.7	307.7	312.5	313.5	310.4	311.3	312.7	308.1	311.7	311.3
-37.5°	277.1	273.6	272.1	273.3	272.6	269.2	271.9	271.2	269.1	271.5	270.5
-40°	245.0	240.0	242.8	242.4	239.8	239.4	240.8	238.9	239.3	240.7	239.6
-42.5°	217.9	217.4	217.9	217.0	214.3	216.0	216.2	213.9	216.2	217.2	216.7
-45°	195.8	197.4	197.1	195.5	195.3	196.9	196.7	196.1	197.9	198.7	199.0
-47.5°	179.0	179.8	179.4	177.1	179.0	180.6	180.6	181.4	183.0	183.6	184.1
-50°	163.5	164.2	163.7	163.1	165.1	166.4	166.7	168.5	170.1	170.9	171.7
-52.5°	149.3	150.1	149.5	150.5	152.6	153.8	154.3	156.6	158.3	159.4	160.5
-55°	136.4	137.1	136.9	139.2	141.1	142.4	143.8	145.9	147.5	148.7	149.9
-57.5°	123.9	124.8	125.5	128.1	130.2	131.8	133.6	135.6	137.2	138.6	139.9
-60°	111.7	112.6	114.3	116.8	118.9	120.7	122.8	124.8	126.5	128.0	129.3
-62.5°	100.1	101.1	103.2	105.5	107.5	109.1	111.5	113.5	115.2	116.7	117.9
-65°	88.6	89.6	92.2	94.5	96.5	98.2	100.2	102.1	103.7	105.1	106.3
-67.5°	77.4	78.6	81.0	83.1	85.0	86.8	88.7	90.3	91.8	93.1	94.3
-70°	67.0	68.1	70.0	71.9	73.6	75.2	76.8	78.3	79.5	80.8	81.9
-72.5°	56.9	58.1	59.5	60.9	62.2	63.6	64.9	66.1	67.1	68.1	68.9
-75°	46.7	47.8	49.0	50.1	51.0	52.0	53.0	53.9	54.7	55.4	56.0
-77.5°	36.5	37.5	38.5	39.4	40.1	40.8	41.3	41.8	42.2	42.7	43.2
-80°	27.0	27.9	28.8	29.5	30.1	30.5	30.8	31.1	31.3	31.5	31.6
-82.5°	18.6	19.2	19.8	20.4	21.0	21.3	21.5	21.6	21.7	21.8	22.0
-85°	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.7	12.8	12.8	12.8
-87.5°	5.3	5.3	5.2	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.7
-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: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-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°	4.7	4.6	4.8	5.0	4.8	4.6	4.7	4.7	4.8	4.8	4.9
85°	12.7	12.6	12.8	13.0	12.8	12.6	12.7	12.8	12.8	12.8	12.7
82.5°	22.1	22.1	22.2	22.2	22.2	22.1	22.1	22.0	21.8	21.7	21.6
80°	31.7	31.7	31.6	31.4	31.6	31.7	31.7	31.6	31.5	31.3	31.1
77.5°	43.6	43.9	44.0	44.1	44.0	43.9	43.6	43.2	42.7	42.2	41.8
75°	56.3	56.5	56.5	56.4	56.5	56.5	56.3	56.0	55.4	54.7	53.9
72.5°	69.7	70.2	70.3	70.2	70.3	70.2	69.7	68.9	68.1	67.1	66.1
70°	82.8	83.5	83.5	83.2	83.5	83.5	82.8	81.9	80.8	79.5	78.3
67.5°	95.2	95.8	96.3	96.6	96.3	95.8	95.2	94.3	93.1	91.8	90.3
65°	107.3	108.0	108.4	108.5	108.4	108.0	107.3	106.3	105.1	103.7	102.1
62.5°	118.8	119.5	119.9	120.0	119.9	119.5	118.8	117.9	116.7	115.2	113.5
60°	130.3	131.0	131.1	130.8	131.1	131.0	130.3	129.3	128.0	126.5	124.8
57.5°	141.0	141.7	141.7	141.1	141.7	141.7	141.0	139.9	138.6	137.2	135.6
55°	150.8	151.4	151.6	151.5	151.6	151.4	150.8	149.9	148.7	147.5	145.9
52.5°	161.3	161.7	161.9	161.8	161.9	161.7	161.3	160.5	159.4	158.3	156.6
50°	172.3	172.3	172.3	172.2	172.3	172.3	172.3	171.7	170.9	170.1	168.5
47.5°	184.7	184.8	184.9	184.9	184.9	184.8	184.7	184.1	183.6	183.0	181.4
45°	199.5	199.1	198.7	198.7	198.7	199.1	199.5	199.0	198.7	197.9	196.1
42.5°	217.2	216.7	216.2	216.3	216.2	216.7	217.2	216.7	217.2	216.2	213.9
40°	240.5	240.4	239.6	239.3	239.6	240.4	240.5	239.6	240.7	239.3	238.9
37.5°	270.7	270.2	268.4	267.7	268.4	270.2	270.7	270.5	271.5	269.1	271.2
35°	310.3	309.7	307.0	307.2	307.0	309.7	310.3	311.3	311.7	308.1	312.7
32.5°	366.4	366.6	362.6	361.7	362.6	366.6	366.4	367.7	365.2	364.3	366.8
30°	439.5	441.1	436.3	438.4	436.3	441.1	439.5	443.3	437.2	440.4	438.3
27.5°	544.2	547.2	543.0	539.6	543.0	547.2	544.2	544.3	535.2	541.6	530.8
25°	688.3	690.5	685.7	681.5	685.7	690.5	688.3	679.8	673.4	672.4	663.8
22.5°	875.8	875.7	875.5	882.1	875.5	875.7	875.8	858.2	855.1	836.9	841.4
20°	1104.1	1098.6	1106.9	1112.2	1106.9	1098.6	1104.1	1094.7	1080.1	1062.8	1052.2
17.5°	1365.6	1376.0	1383.9	1397.2	1383.9	1376.0	1365.6	1362.1	1347.2	1332.1	1305.7
15°	1674.0	1689.6	1697.6	1693.3	1697.6	1689.6	1674.0	1662.7	1658.2	1632.9	1619.6
12.5°	2062.2	2080.9	2067.1	2050.0	2067.1	2080.9	2062.2	2061.0	2026.3	2033.9	1991.7
10°	2609.9	2650.1	2652.3	2618.7	2652.3	2650.1	2609.9	2609.6	2626.3	2597.8	2597.1
7.5°	3450.1	3469.6	3499.4	3500.9	3499.4	3469.6	3450.1	3436.7	3413.7	3378.3	3304.4
5°	4311.8	4363.9	4397.4	4455.5	4397.4	4363.9	4311.8	4275.0	4193.6	4102.4	4024.3
2.5°	4899.6	4966.8	4992.6	5058.4	4992.6	4966.8	4899.6	4826.9	4714.3	4581.1	4437.1
0°	5113.6	5168.1	5200.7	5226.7	5200.7	5168.1	5113.6	5028.5	4933.0	4791.4	4634.6
-2.5°	4899.6	4966.8	4992.6	5058.4	4992.6	4966.8	4899.6	4826.9	4714.3	4581.1	4437.1
-5°	4311.8	4363.9	4397.4	4455.5	4397.4	4363.9	4311.8	4275.0	4193.6	4102.4	4024.3
-7.5°	3450.1	3469.6	3499.4	3500.9	3499.4	3469.6	3450.1	3436.7	3413.7	3378.3	3304.4
-10°	2609.9	2650.1	2652.3	2618.7	2652.3	2650.1	2609.9	2609.6	2626.3	2597.8	2597.1
-12.5°	2062.2	2080.9	2067.1	2050.0	2067.1	2080.9	2062.2	2061.0	2026.3	2033.9	1991.7
-15°	1674.0	1689.6	1697.6	1693.3	1697.6	1689.6	1674.0	1662.7	1658.2	1632.9	1619.6
-17.5°	1365.6	1376.0	1383.9	1397.2	1383.9	1376.0	1365.6	1362.1	1347.2	1332.1	1305.7
-20°	1104.1	1098.6	1106.9	1112.2	1106.9	1098.6	1104.1	1094.7	1080.1	1062.8	1052.2



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	875.8	875.7	875.5	882.1	875.5	875.7	875.8	858.2	855.1	836.9	841.4
-25°	688.3	690.5	685.7	681.5	685.7	690.5	688.3	679.8	673.4	672.4	663.8
-27.5°	544.2	547.2	543.0	539.6	543.0	547.2	544.2	544.3	535.2	541.6	530.8
-30°	439.5	441.1	436.3	438.4	436.3	441.1	439.5	443.3	437.2	440.4	438.3
-32.5°	366.4	366.6	362.6	361.7	362.6	366.6	366.4	367.7	365.2	364.3	366.8
-35°	310.3	309.7	307.0	307.2	307.0	309.7	310.3	311.3	311.7	308.1	312.7
-37.5°	270.7	270.2	268.4	267.7	268.4	270.2	270.7	270.5	271.5	269.1	271.2
-40°	240.5	240.4	239.6	239.3	239.6	240.4	240.5	239.6	240.7	239.3	238.9
-42.5°	217.2	216.7	216.2	216.3	216.2	216.7	217.2	216.7	217.2	216.2	213.9
-45°	199.5	199.1	198.7	198.7	198.7	199.1	199.5	199.0	198.7	197.9	196.1
-47.5°	184.7	184.8	184.9	184.9	184.9	184.8	184.7	184.1	183.6	183.0	181.4
-50°	172.3	172.3	172.3	172.2	172.3	172.3	172.3	171.7	170.9	170.1	168.5
-52.5°	161.3	161.7	161.9	161.8	161.9	161.7	161.3	160.5	159.4	158.3	156.6
-55°	150.8	151.4	151.6	151.5	151.6	151.4	150.8	149.9	148.7	147.5	145.9
-57.5°	141.0	141.7	141.7	141.1	141.7	141.7	141.0	139.9	138.6	137.2	135.6
-60°	130.3	131.0	131.1	130.8	131.1	131.0	130.3	129.3	128.0	126.5	124.8
-62.5°	118.8	119.5	119.9	120.0	119.9	119.5	118.8	117.9	116.7	115.2	113.5
-65°	107.3	108.0	108.4	108.5	108.4	108.0	107.3	106.3	105.1	103.7	102.1
-67.5°	95.2	95.8	96.3	96.6	96.3	95.8	95.2	94.3	93.1	91.8	90.3
-70°	82.8	83.5	83.5	83.2	83.5	83.5	82.8	81.9	80.8	79.5	78.3
-72.5°	69.7	70.2	70.3	70.2	70.3	70.2	69.7	68.9	68.1	67.1	66.1
-75°	56.3	56.5	56.5	56.4	56.5	56.5	56.3	56.0	55.4	54.7	53.9
-77.5°	43.6	43.9	44.0	44.1	44.0	43.9	43.6	43.2	42.7	42.2	41.8
-80°	31.7	31.7	31.6	31.4	31.6	31.7	31.7	31.6	31.5	31.3	31.1
-82.5°	22.1	22.1	22.2	22.2	22.2	22.1	22.1	22.0	21.8	21.7	21.6
-85°	12.7	12.6	12.8	13.0	12.8	12.6	12.7	12.8	12.8	12.8	12.7
-87.5°	4.7	4.6	4.8	5.0	4.8	4.6	4.7	4.7	4.8	4.8	4.9
-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: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-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°	4.9	4.9	4.9	5.0	5.2	5.3	5.3	5.2	5.0	4.8	4.6
85°	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.3
82.5°	21.5	21.3	21.0	20.4	19.8	19.2	18.6	18.3	17.9	17.4	16.9
80°	30.8	30.5	30.1	29.5	28.8	27.9	27.0	26.3	25.5	24.7	24.1
77.5°	41.3	40.8	40.1	39.4	38.5	37.5	36.5	35.6	34.7	33.5	32.6
75°	53.0	52.0	51.0	50.1	49.0	47.8	46.7	45.6	44.4	42.9	41.7
72.5°	64.9	63.6	62.2	60.9	59.5	58.1	56.9	55.8	54.4	52.7	51.5
70°	76.8	75.2	73.6	71.9	70.0	68.1	67.0	66.0	64.7	63.0	61.9
67.5°	88.7	86.8	85.0	83.1	81.0	78.6	77.4	76.1	74.6	72.9	72.4
65°	100.2	98.2	96.5	94.5	92.2	89.6	88.6	87.1	85.3	83.4	83.1
62.5°	111.5	109.1	107.5	105.5	103.2	101.1	100.1	98.5	96.4	95.0	94.8
60°	122.8	120.7	118.9	116.8	114.3	112.6	111.7	110.1	107.7	107.1	106.9
57.5°	133.6	131.8	130.2	128.1	125.5	124.8	123.9	122.2	119.7	120.0	119.5
55°	143.8	142.4	141.1	139.2	136.9	137.1	136.4	134.7	133.3	133.7	133.0
52.5°	154.3	153.8	152.6	150.5	149.5	150.1	149.3	147.6	147.9	148.4	147.3
50°	166.7	166.4	165.1	163.1	163.7	164.2	163.5	161.5	163.4	163.9	162.4
47.5°	180.6	180.6	179.0	177.1	179.4	179.8	179.0	179.1	180.8	180.4	178.6
45°	196.7	196.9	195.3	195.5	197.1	197.4	195.8	198.8	199.8	198.9	195.7
42.5°	216.2	216.0	214.3	217.0	217.9	217.4	217.9	221.0	221.0	218.8	219.0
40°	240.8	239.4	239.8	242.4	242.8	240.0	245.0	246.1	245.1	241.0	246.7
37.5°	271.9	269.2	272.6	273.3	272.1	273.6	277.1	276.4	271.7	275.8	279.4
35°	311.3	310.4	313.5	312.5	307.7	315.7	316.7	311.7	310.0	317.5	317.1
32.5°	360.5	365.8	365.2	360.7	363.7	365.4	363.0	354.7	365.4	368.2	361.6
30°	434.0	436.5	430.9	428.1	433.4	427.5	415.5	427.7	432.4	426.6	412.0
27.5°	534.0	526.6	516.4	523.0	516.9	502.8	507.1	513.3	507.9	493.9	477.4
25°	661.4	640.5	645.6	641.2	621.0	617.3	623.5	616.5	597.0	576.0	599.1
22.5°	821.3	813.6	805.1	779.8	773.7	775.4	760.3	732.1	714.9	736.9	737.6
20°	1036.3	1023.0	993.8	983.0	977.5	951.3	913.3	909.4	927.4	918.1	890.3
17.5°	1294.3	1259.2	1253.1	1236.2	1203.9	1152.5	1172.0	1178.7	1161.5	1113.5	1055.1
15°	1572.4	1592.6	1575.1	1523.1	1492.3	1515.5	1504.1	1466.6	1414.5	1326.7	1227.3
12.5°	2028.9	1999.3	1925.3	1952.5	1944.8	1916.6	1859.2	1776.6	1668.5	1526.3	1383.0
10°	2558.7	2537.3	2515.7	2480.0	2421.2	2337.6	2197.9	2042.9	1881.4	1713.6	1539.6
7.5°	3249.0	3191.2	3117.6	2986.3	2822.3	2653.1	2476.1	2291.0	2093.8	1898.1	1694.8
5°	3877.0	3707.1	3533.9	3353.8	3154.8	2952.5	2748.2	2534.9	2302.6	2077.3	1845.2
2.5°	4272.9	4096.2	3905.2	3697.1	3441.0	3182.6	2924.2	2665.9	2389.3	2128.8	1868.4
0°	4448.9	4243.0	4007.1	3772.8	3517.3	3247.7	2958.5	2693.5	2410.5	2145.5	1881.6
-2.5°	4272.9	4096.2	3905.2	3697.1	3441.0	3182.6	2924.2	2665.9	2389.3	2128.8	1868.4
-5°	3877.0	3707.1	3533.9	3353.8	3154.8	2952.5	2748.2	2534.9	2302.6	2077.3	1845.2
-7.5°	3249.0	3191.2	3117.6	2986.3	2822.3	2653.1	2476.1	2291.0	2093.8	1898.1	1694.8
-10°	2558.7	2537.3	2515.7	2480.0	2421.2	2337.6	2197.9	2042.9	1881.4	1713.6	1539.6
-12.5°	2028.9	1999.3	1925.3	1952.5	1944.8	1916.6	1859.2	1776.6	1668.5	1526.3	1383.0
-15°	1572.4	1592.6	1575.1	1523.1	1492.3	1515.5	1504.1	1466.6	1414.5	1326.7	1227.3
-17.5°	1294.3	1259.2	1253.1	1236.2	1203.9	1152.5	1172.0	1178.7	1161.5	1113.5	1055.1
-20°	1036.3	1023.0	993.8	983.0	977.5	951.3	913.3	909.4	927.4	918.1	890.3



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	821.3	813.6	805.1	779.8	773.7	775.4	760.3	732.1	714.9	736.9	737.6
-25°	661.4	640.5	645.6	641.2	621.0	617.3	623.5	616.5	597.0	576.0	599.1
-27.5°	534.0	526.6	516.4	523.0	516.9	502.8	507.1	513.3	507.9	493.9	477.4
-30°	434.0	436.5	430.9	428.1	433.4	427.5	415.5	427.7	432.4	426.6	412.0
-32.5°	360.5	365.8	365.2	360.7	363.7	365.4	363.0	354.7	365.4	368.2	361.6
-35°	311.3	310.4	313.5	312.5	307.7	315.7	316.7	311.7	310.0	317.5	317.1
-37.5°	271.9	269.2	272.6	273.3	272.1	273.6	277.1	276.4	271.7	275.8	279.4
-40°	240.8	239.4	239.8	242.4	242.8	240.0	245.0	246.1	245.1	241.0	246.7
-42.5°	216.2	216.0	214.3	217.0	217.9	217.4	217.9	221.0	221.0	218.8	219.0
-45°	196.7	196.9	195.3	195.5	197.1	197.4	195.8	198.8	199.8	198.9	195.7
-47.5°	180.6	180.6	179.0	177.1	179.4	179.8	179.0	179.1	180.8	180.4	178.6
-50°	166.7	166.4	165.1	163.1	163.7	164.2	163.5	161.5	163.4	163.9	162.4
-52.5°	154.3	153.8	152.6	150.5	149.5	150.1	149.3	147.6	147.9	148.4	147.3
-55°	143.8	142.4	141.1	139.2	136.9	137.1	136.4	134.7	133.3	133.7	133.0
-57.5°	133.6	131.8	130.2	128.1	125.5	124.8	123.9	122.2	119.7	120.0	119.5
-60°	122.8	120.7	118.9	116.8	114.3	112.6	111.7	110.1	107.7	107.1	106.9
-62.5°	111.5	109.1	107.5	105.5	103.2	101.1	100.1	98.5	96.4	95.0	94.8
-65°	100.2	98.2	96.5	94.5	92.2	89.6	88.6	87.1	85.3	83.4	83.1
-67.5°	88.7	86.8	85.0	83.1	81.0	78.6	77.4	76.1	74.6	72.9	72.4
-70°	76.8	75.2	73.6	71.9	70.0	68.1	67.0	66.0	64.7	63.0	61.9
-72.5°	64.9	63.6	62.2	60.9	59.5	58.1	56.9	55.8	54.4	52.7	51.5
-75°	53.0	52.0	51.0	50.1	49.0	47.8	46.7	45.6	44.4	42.9	41.7
-77.5°	41.3	40.8	40.1	39.4	38.5	37.5	36.5	35.6	34.7	33.5	32.6
-80°	30.8	30.5	30.1	29.5	28.8	27.9	27.0	26.3	25.5	24.7	24.1
-82.5°	21.5	21.3	21.0	20.4	19.8	19.2	18.6	18.3	17.9	17.4	16.9
-85°	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.3
-87.5°	4.9	4.9	4.9	5.0	5.2	5.3	5.3	5.2	5.0	4.8	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: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-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°	4.5	4.3	4.1	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4
85°	10.0	9.5	9.0	8.5	7.9	7.1	6.6	6.2	5.7	5.3	4.7
82.5°	16.5	15.9	15.3	14.6	14.0	13.2	12.2	11.0	9.6	8.1	7.1
80°	23.9	23.4	22.7	21.6	20.6	19.4	18.2	16.8	15.0	13.1	10.9
77.5°	32.1	31.5	30.5	29.4	28.1	26.5	24.7	22.7	20.5	18.1	15.5
75°	41.1	40.2	39.1	37.7	35.8	33.7	31.5	29.1	26.4	23.2	20.0
72.5°	50.8	49.6	48.1	46.1	43.9	41.4	38.5	35.5	32.4	28.8	24.7
70°	60.9	59.4	57.6	55.4	52.6	49.1	45.8	42.5	38.5	34.5	29.9
67.5°	71.3	69.7	67.4	65.1	62.1	58.2	53.5	49.6	45.4	40.2	35.0
65°	82.2	80.3	77.6	75.2	71.8	67.6	62.5	57.4	52.4	46.7	40.2
62.5°	93.6	91.5	88.9	85.8	82.0	77.3	71.7	66.2	59.7	53.3	46.0
60°	105.7	103.4	100.7	97.4	92.8	87.2	81.5	75.1	68.0	59.9	52.0
57.5°	118.1	115.6	113.4	109.5	104.3	97.9	91.7	84.7	76.3	67.3	58.0
55°	131.1	128.7	126.7	122.6	116.5	109.2	102.8	94.9	84.9	74.9	64.0
52.5°	144.9	143.2	140.8	136.2	129.5	121.7	115.3	105.3	94.7	82.5	70.7
50°	159.4	159.4	156.2	150.7	143.0	136.6	128.5	117.6	104.6	90.5	77.6
47.5°	177.4	177.1	173.4	166.2	157.4	152.6	143.5	130.7	114.7	99.6	84.5
45°	197.8	196.4	191.9	183.8	176.0	170.7	159.7	144.2	127.0	108.9	91.4
42.5°	220.5	218.0	211.7	202.3	199.1	190.8	176.7	159.6	139.6	118.3	99.1
40°	247.0	241.8	233.1	228.3	225.1	212.6	196.3	175.7	152.4	128.3	107.1
37.5°	276.3	268.8	257.1	260.7	253.9	238.5	217.4	192.4	165.9	139.6	115.1
35°	310.7	298.8	299.1	298.5	286.9	266.2	239.5	210.5	180.8	150.9	123.0
32.5°	348.3	345.1	350.4	341.9	323.0	295.6	264.3	230.4	195.9	162.1	130.7
30°	401.6	414.3	408.7	389.5	362.9	329.2	290.8	250.8	211.1	173.2	138.7
27.5°	493.5	493.1	474.2	444.6	407.7	365.0	317.7	271.5	226.4	184.8	147.7
25°	597.3	582.4	550.1	505.2	455.2	400.7	345.0	292.5	243.0	197.3	156.5
22.5°	715.8	679.8	632.3	569.7	502.1	437.5	374.1	315.5	260.2	209.5	164.9
20°	844.0	783.6	718.4	633.0	552.8	477.6	404.9	338.3	277.2	221.5	173.0
17.5°	981.3	890.7	800.3	701.5	606.0	518.0	435.6	360.7	293.8	233.0	180.7
15°	1114.3	997.8	884.6	770.5	659.5	558.3	466.0	382.6	309.8	244.0	186.8
12.5°	1245.4	1106.4	970.2	839.2	712.5	598.1	495.6	403.7	325.2	252.0	190.8
10°	1376.3	1215.0	1055.6	906.7	764.4	636.8	524.2	420.1	332.5	257.0	194.0
7.5°	1505.2	1321.9	1139.6	972.1	809.1	662.1	536.5	427.6	337.3	261.1	196.6
5°	1610.3	1391.7	1177.9	991.4	821.6	672.2	544.0	433.4	340.6	264.2	198.5
2.5°	1624.5	1403.1	1183.5	999.1	830.0	679.1	549.0	437.4	342.4	266.3	199.7
0°	1630.0	1406.8	1182.8	1001.4	834.2	682.7	551.5	439.5	342.9	267.3	200.2
-2.5°	1624.5	1403.1	1183.5	999.1	830.0	679.1	549.0	437.4	342.4	266.3	199.7
-5°	1610.3	1391.7	1177.9	991.4	821.6	672.2	544.0	433.4	340.6	264.2	198.5
-7.5°	1505.2	1321.9	1139.6	972.1	809.1	662.1	536.5	427.6	337.3	261.1	196.6
-10°	1376.3	1215.0	1055.6	906.7	764.4	636.8	524.2	420.1	332.5	257.0	194.0
-12.5°	1245.4	1106.4	970.2	839.2	712.5	598.1	495.6	403.7	325.2	252.0	190.8
-15°	1114.3	997.8	884.6	770.5	659.5	558.3	466.0	382.6	309.8	244.0	186.8
-17.5°	981.3	890.7	800.3	701.5	606.0	518.0	435.6	360.7	293.8	233.0	180.7
-20°	844.0	783.6	718.4	633.0	552.8	477.6	404.9	338.3	277.2	221.5	173.0



REPORT NUMBER: P558534 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	715.8	679.8	632.3	569.7	502.1	437.5	374.1	315.5	260.2	209.5	164.9
-25°	597.3	582.4	550.1	505.2	455.2	400.7	345.0	292.5	243.0	197.3	156.5
-27.5°	493.5	493.1	474.2	444.6	407.7	365.0	317.7	271.5	226.4	184.8	147.7
-30°	401.6	414.3	408.7	389.5	362.9	329.2	290.8	250.8	211.1	173.2	138.7
-32.5°	348.3	345.1	350.4	341.9	323.0	295.6	264.3	230.4	195.9	162.1	130.7
-35°	310.7	298.8	299.1	298.5	286.9	266.2	239.5	210.5	180.8	150.9	123.0
-37.5°	276.3	268.8	257.1	260.7	253.9	238.5	217.4	192.4	165.9	139.6	115.1
-40°	247.0	241.8	233.1	228.3	225.1	212.6	196.3	175.7	152.4	128.3	107.1
-42.5°	220.5	218.0	211.7	202.3	199.1	190.8	176.7	159.6	139.6	118.3	99.1
-45°	197.8	196.4	191.9	183.8	176.0	170.7	159.7	144.2	127.0	108.9	91.4
-47.5°	177.4	177.1	173.4	166.2	157.4	152.6	143.5	130.7	114.7	99.6	84.5
-50°	159.4	159.4	156.2	150.7	143.0	136.6	128.5	117.6	104.6	90.5	77.6
-52.5°	144.9	143.2	140.8	136.2	129.5	121.7	115.3	105.3	94.7	82.5	70.7
-55°	131.1	128.7	126.7	122.6	116.5	109.2	102.8	94.9	84.9	74.9	64.0
-57.5°	118.1	115.6	113.4	109.5	104.3	97.9	91.7	84.7	76.3	67.3	58.0
-60°	105.7	103.4	100.7	97.4	92.8	87.2	81.5	75.1	68.0	59.9	52.0
-62.5°	93.6	91.5	88.9	85.8	82.0	77.3	71.7	66.2	59.7	53.3	46.0
-65°	82.2	80.3	77.6	75.2	71.8	67.6	62.5	57.4	52.4	46.7	40.2
-67.5°	71.3	69.7	67.4	65.1	62.1	58.2	53.5	49.6	45.4	40.2	35.0
-70°	60.9	59.4	57.6	55.4	52.6	49.1	45.8	42.5	38.5	34.5	29.9
-72.5°	50.8	49.6	48.1	46.1	43.9	41.4	38.5	35.5	32.4	28.8	24.7
-75°	41.1	40.2	39.1	37.7	35.8	33.7	31.5	29.1	26.4	23.2	20.0
-77.5°	32.1	31.5	30.5	29.4	28.1	26.5	24.7	22.7	20.5	18.1	15.5
-80°	23.9	23.4	22.7	21.6	20.6	19.4	18.2	16.8	15.0	13.1	10.9
-82.5°	16.5	15.9	15.3	14.6	14.0	13.2	12.2	11.0	9.6	8.1	7.1
-85°	10.0	9.5	9.0	8.5	7.9	7.1	6.6	6.2	5.7	5.3	4.7
-87.5°	4.5	4.3	4.1	4.0	3.8	3.5	3.3	3.1	2.9	2.6	2.4
-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°	2.1	1.9	1.6	1.2	0.9	0.4	0.0
85°	4.2	3.7	3.1	2.5	1.7	0.9	0.0
82.5°	6.3	5.6	4.7	3.7	2.6	1.3	0.0
80°	8.6	7.4	6.3	5.0	3.5	1.7	0.0
77.5°	12.7	9.8	7.8	6.2	4.3	2.2	0.0
75°	16.7	13.3	9.6	7.4	5.2	2.6	0.0
72.5°	20.7	16.8	12.5	8.6	6.0	3.0	0.0
70°	24.8	20.2	15.3	10.0	6.8	3.4	0.0
67.5°	29.4	23.6	18.1	12.2	7.6	3.8	0.0
65°	34.0	27.3	20.9	14.3	8.4	4.2	0.0
62.5°	38.7	31.3	23.6	16.4	9.2	4.6	0.0
60°	43.3	35.2	26.3	18.5	10.0	5.0	0.0
57.5°	48.5	39.1	29.5	20.5	11.3	5.4	0.0
55°	53.7	43.0	32.7	22.5	12.7	5.7	0.0
52.5°	58.8	46.9	35.8	24.4	13.9	6.1	0.0
50°	63.9	51.2	38.8	26.3	15.2	6.4	0.0
47.5°	69.1	55.4	41.8	28.3	16.4	6.8	0.0
45°	75.0	59.5	44.7	30.5	17.6	7.1	0.0
42.5°	81.0	63.5	47.5	32.6	18.7	7.4	0.0
40°	86.8	67.3	50.4	34.6	19.8	7.7	0.0
37.5°	92.6	71.1	53.4	36.4	20.8	7.9	0.0
35°	98.3	75.4	56.3	38.1	21.8	8.2	0.0
32.5°	104.1	79.9	59.0	39.8	22.7	8.4	0.0
30°	110.4	84.2	61.7	41.2	23.6	8.7	0.0
27.5°	116.4	88.3	63.8	42.6	24.4	8.9	0.0
25°	122.2	92.3	65.8	43.9	25.1	9.1	0.0
22.5°	127.7	95.9	67.7	45.0	25.8	9.2	0.0
20°	133.0	98.6	69.4	46.0	26.5	9.4	0.0
17.5°	136.9	101.0	71.0	46.9	27.0	9.5	0.0
15°	139.9	103.0	72.3	47.6	27.5	9.7	0.0
12.5°	142.4	104.8	73.5	48.2	28.0	9.8	0.0
10°	144.5	106.2	74.6	48.7	28.3	9.8	0.0
7.5°	146.2	107.2	75.4	49.1	28.6	9.9	0.0
5°	147.4	108.0	76.0	49.4	28.9	10.0	0.0
2.5°	148.1	108.4	76.5	49.5	29.0	10.0	0.0
0°	148.4	108.5	76.7	49.5	29.1	10.0	0.0
-2.5°	148.1	108.4	76.5	49.5	29.0	10.0	0.0
-5°	147.4	108.0	76.0	49.4	28.9	10.0	0.0
-7.5°	146.2	107.2	75.4	49.1	28.6	9.9	0.0
-10°	144.5	106.2	74.6	48.7	28.3	9.8	0.0
-12.5°	142.4	104.8	73.5	48.2	28.0	9.8	0.0
-15°	139.9	103.0	72.3	47.6	27.5	9.7	0.0
-17.5°	136.9	101.0	71.0	46.9	27.0	9.5	0.0
-20°	133.0	98.6	69.4	46.0	26.5	9.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	127.7	95.9	67.7	45.0	25.8	9.2	0.0
-25°	122.2	92.3	65.8	43.9	25.1	9.1	0.0
-27.5°	116.4	88.3	63.8	42.6	24.4	8.9	0.0
-30°	110.4	84.2	61.7	41.2	23.6	8.7	0.0
-32.5°	104.1	79.9	59.0	39.8	22.7	8.4	0.0
-35°	98.3	75.4	56.3	38.1	21.8	8.2	0.0
-37.5°	92.6	71.1	53.4	36.4	20.8	7.9	0.0
-40°	86.8	67.3	50.4	34.6	19.8	7.7	0.0
-42.5°	81.0	63.5	47.5	32.6	18.7	7.4	0.0
-45°	75.0	59.5	44.7	30.5	17.6	7.1	0.0
-47.5°	69.1	55.4	41.8	28.3	16.4	6.8	0.0
-50°	63.9	51.2	38.8	26.3	15.2	6.4	0.0
-52.5°	58.8	46.9	35.8	24.4	13.9	6.1	0.0
-55°	53.7	43.0	32.7	22.5	12.7	5.7	0.0
-57.5°	48.5	39.1	29.5	20.5	11.3	5.4	0.0
-60°	43.3	35.2	26.3	18.5	10.0	5.0	0.0
-62.5°	38.7	31.3	23.6	16.4	9.2	4.6	0.0
-65°	34.0	27.3	20.9	14.3	8.4	4.2	0.0
-67.5°	29.4	23.6	18.1	12.2	7.6	3.8	0.0
-70°	24.8	20.2	15.3	10.0	6.8	3.4	0.0
-72.5°	20.7	16.8	12.5	8.6	6.0	3.0	0.0
-75°	16.7	13.3	9.6	7.4	5.2	2.6	0.0
-77.5°	12.7	9.8	7.8	6.2	4.3	2.2	0.0
-80°	8.6	7.4	6.3	5.0	3.5	1.7	0.0
-82.5°	6.3	5.6	4.7	3.7	2.6	1.3	0.0
-85°	4.2	3.7	3.1	2.5	1.7	0.9	0.0
-87.5°	2.1	1.9	1.6	1.2	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)