

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: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558566 (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-SA1D-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

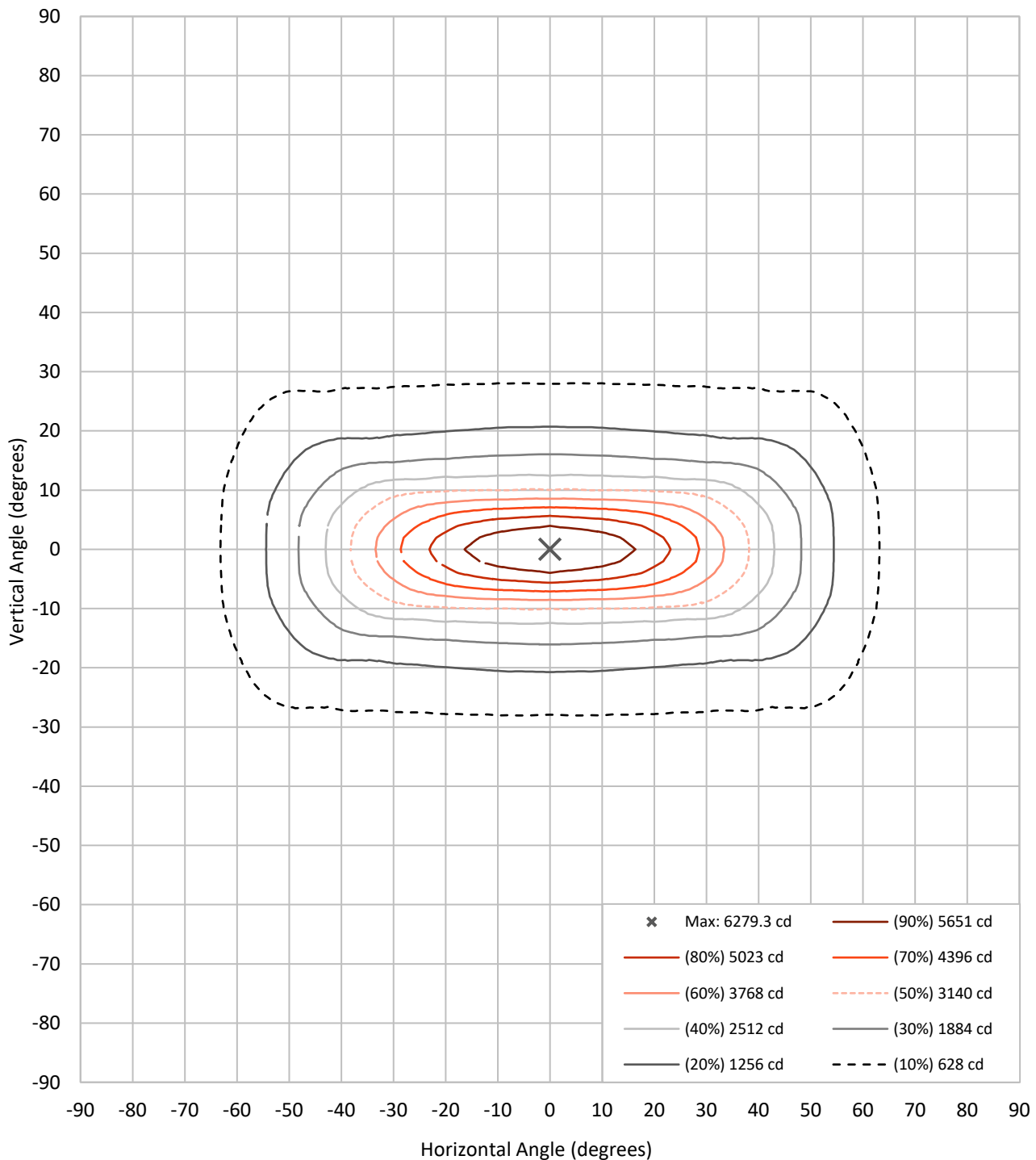
Lumens per Lamp: N/A	NEMA Type: 6H x 4V
Luminaire Lumens: 4497.1 lumens	Max Intensity: 6279.3 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 81.8 lumens/watt	
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')	
Beam Angle (50%): 76.4°H x 20°V	Field Angle (10%): 126.3°H x 55.8°V
Beam Lumens: 1799.3 lumens	Field Lumens: 3685.9 lumens
Beam Efficiency: 40.0%	Field Efficiency: 82.0%

Input Watts (W): 55
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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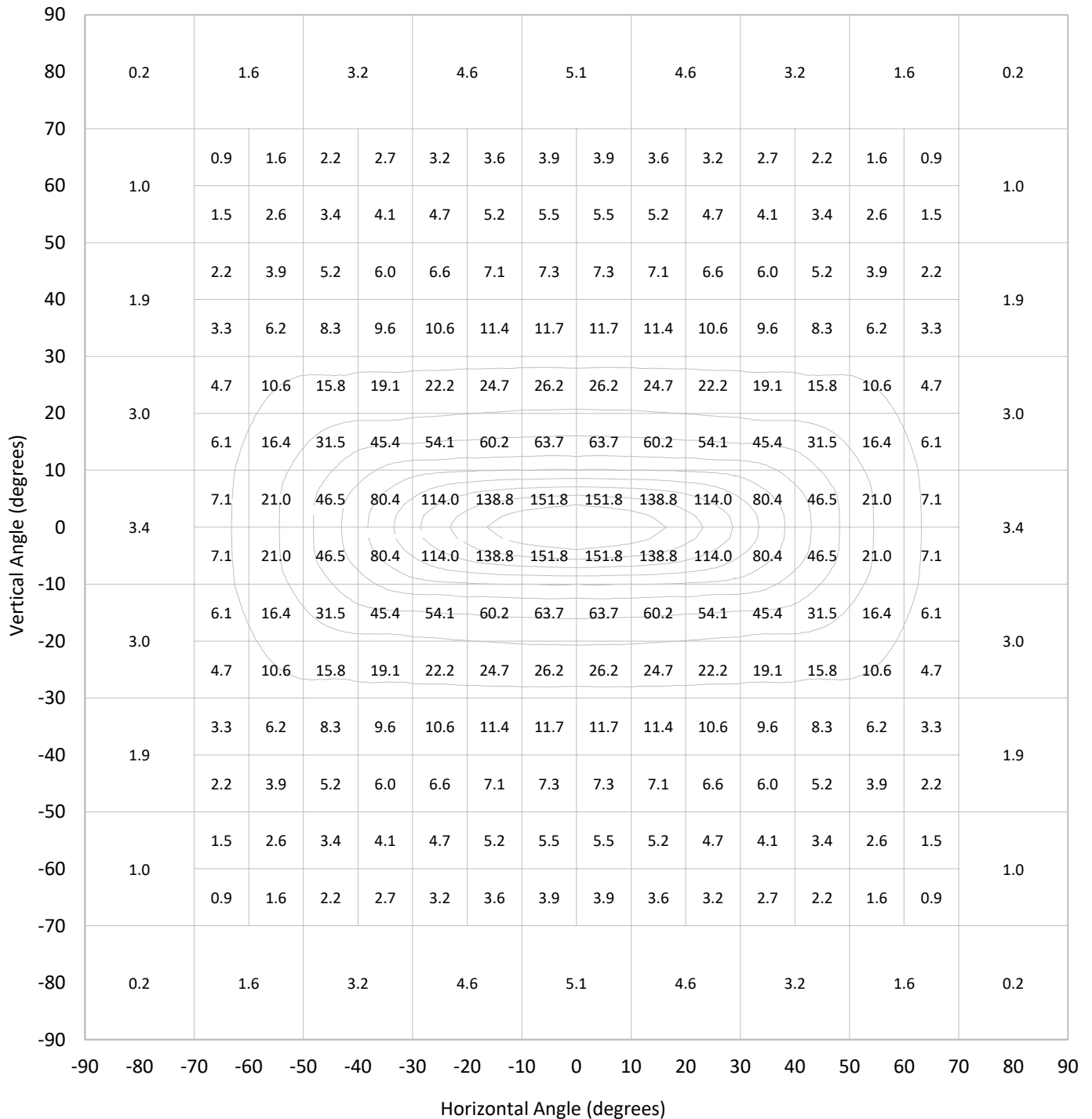
Iso-Candela Plot





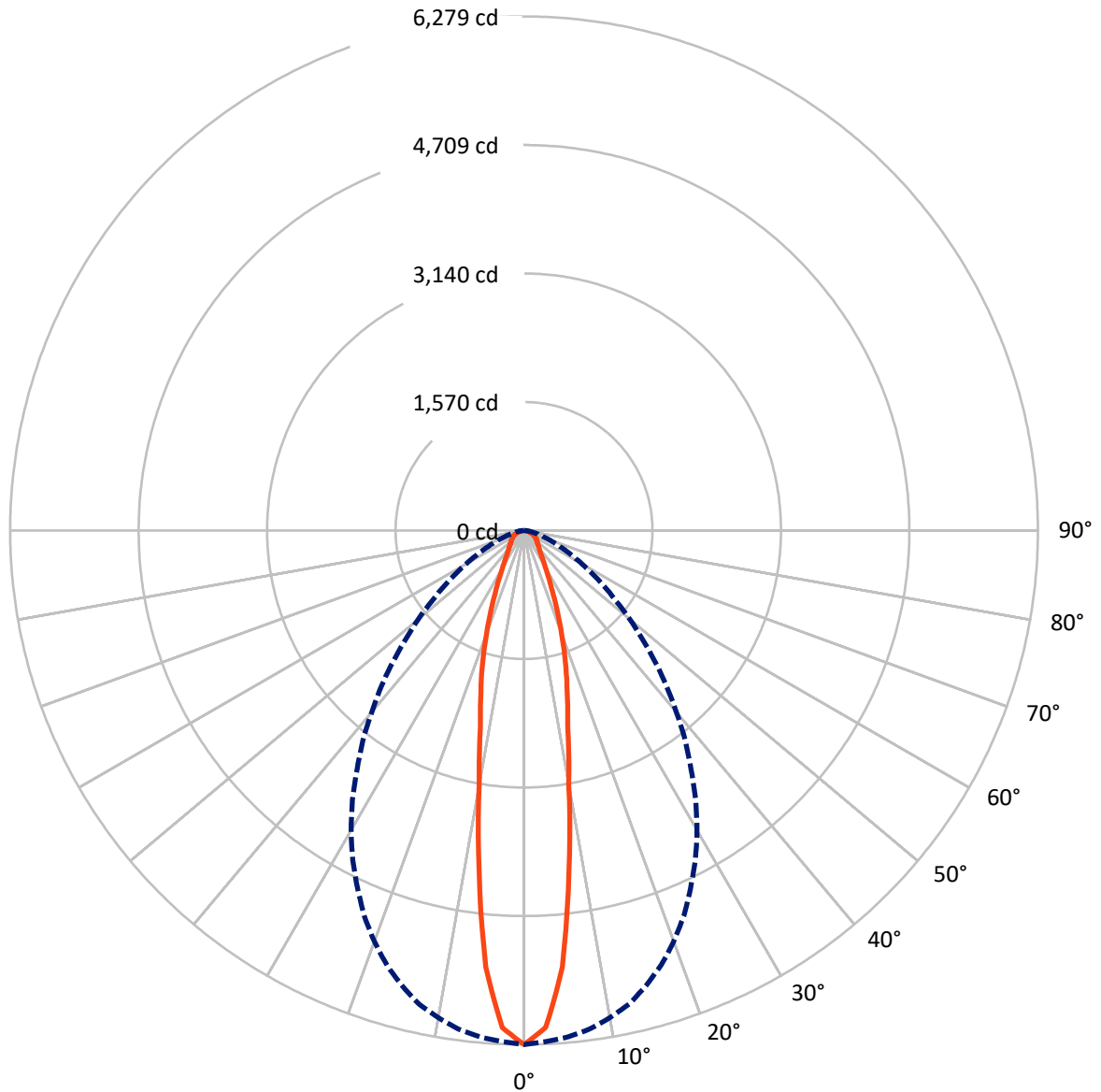
REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
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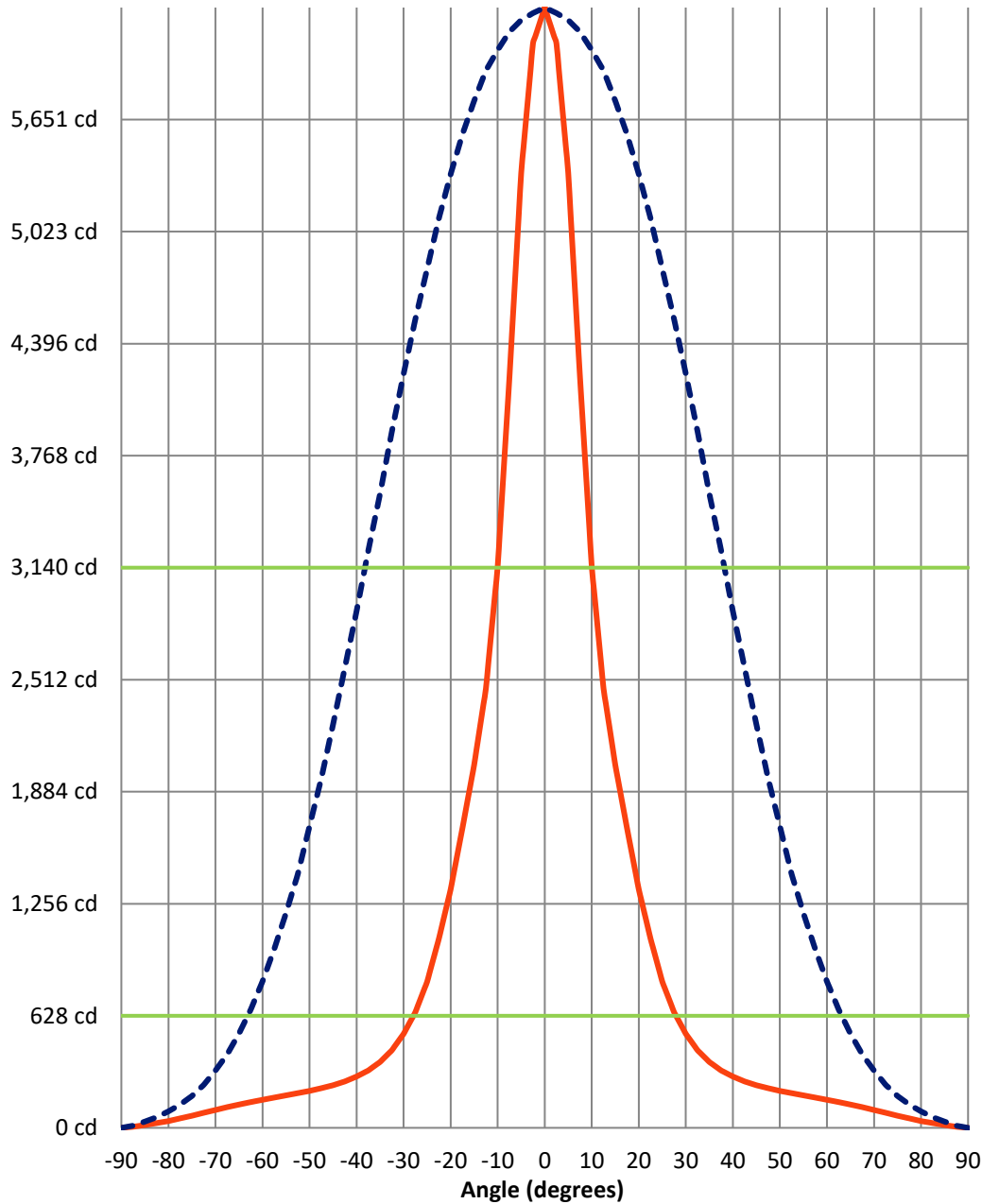
Luminous Intensity Polar Plot



— 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: 1799.3
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 3685.9
 Efficiency: 82.0%

Spill:
 Lumens: 811.3
 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	0.5	1.0	1.5	1.9	2.2	2.5	2.8	3.2	3.5	3.7
85°	0.0	1.0	2.1	3.0	3.8	4.4	5.0	5.7	6.3	6.9	7.4
82.5°	0.0	1.6	3.1	4.5	5.6	6.7	7.5	8.5	9.7	11.5	13.2
80°	0.0	2.1	4.2	5.9	7.5	8.9	10.3	13.1	15.7	18.1	20.2
77.5°	0.0	2.6	5.2	7.4	9.4	11.8	15.2	18.6	21.7	24.6	27.3
75°	0.0	3.1	6.2	8.9	11.5	16.0	20.0	24.0	27.8	31.6	34.9
72.5°	0.0	3.6	7.2	10.4	15.0	20.1	24.8	29.6	34.6	38.9	42.6
70°	0.0	4.1	8.2	12.0	18.4	24.2	29.7	35.9	41.4	46.2	51.0
67.5°	0.0	4.6	9.2	14.6	21.7	28.3	35.3	42.1	48.2	54.6	59.6
65°	0.0	5.1	10.1	17.2	25.1	32.8	40.9	48.3	56.1	62.9	68.9
62.5°	0.0	5.5	11.1	19.7	28.4	37.6	46.5	55.2	64.0	71.7	79.5
60°	0.0	6.0	12.0	22.2	31.6	42.3	52.0	62.4	71.9	81.6	90.2
57.5°	0.0	6.4	13.6	24.6	35.4	47.0	58.2	69.7	80.8	91.6	101.7
55°	0.0	6.9	15.2	27.0	39.2	51.7	64.5	76.9	90.0	102.0	114.0
52.5°	0.0	7.3	16.7	29.3	43.0	56.4	70.7	85.0	99.1	113.7	126.5
50°	0.0	7.7	18.2	31.6	46.6	61.5	76.8	93.2	108.7	125.7	141.3
47.5°	0.0	8.1	19.7	34.0	50.2	66.5	83.0	101.5	119.7	137.8	157.0
45°	0.0	8.5	21.1	36.6	53.7	71.4	90.2	109.8	130.9	152.5	173.2
42.5°	0.0	8.8	22.4	39.2	57.2	76.2	97.3	119.0	142.1	167.7	191.7
40°	0.0	9.2	23.7	41.5	60.7	80.9	104.3	128.7	154.1	183.1	211.1
37.5°	0.0	9.5	25.0	43.8	64.2	85.4	111.3	138.3	167.7	199.3	231.1
35°	0.0	9.8	26.2	45.8	67.7	90.5	118.1	147.8	181.3	217.1	252.9
32.5°	0.0	10.1	27.3	47.8	71.0	95.9	125.1	157.1	194.7	235.3	276.8
30°	0.0	10.4	28.3	49.6	74.1	101.1	132.6	166.7	208.0	253.6	301.3
27.5°	0.0	10.6	29.3	51.2	76.7	106.1	139.9	177.5	222.0	271.9	326.2
25°	0.0	10.9	30.2	52.7	79.1	110.9	146.8	188.0	237.0	291.9	351.5
22.5°	0.0	11.1	31.0	54.1	81.3	115.2	153.5	198.2	251.7	312.6	379.1
20°	0.0	11.3	31.8	55.3	83.4	118.5	159.8	207.9	266.1	333.0	406.5
17.5°	0.0	11.4	32.5	56.3	85.2	121.4	164.6	217.2	279.9	352.9	433.4
15°	0.0	11.6	33.1	57.2	86.9	123.8	168.1	224.5	293.2	372.2	459.7
12.5°	0.0	11.7	33.6	57.9	88.4	125.9	171.2	229.2	302.7	390.7	485.0
10°	0.0	11.8	34.1	58.5	89.6	127.6	173.7	233.1	308.8	399.4	504.7
7.5°	0.0	11.9	34.4	59.0	90.6	128.9	175.6	236.2	313.7	405.2	513.7
5°	0.0	12.0	34.7	59.2	91.4	129.8	177.1	238.5	317.5	409.1	520.6
2.5°	0.0	12.0	34.9	59.4	91.9	130.3	178.0	239.9	320.0	411.4	525.4
0°	0.0	12.0	35.0	59.4	92.2	130.4	178.3	240.5	321.2	411.9	528.0
-2.5°	0.0	12.0	34.9	59.4	91.9	130.3	178.0	239.9	320.0	411.4	525.4
-5°	0.0	12.0	34.7	59.2	91.4	129.8	177.1	238.5	317.5	409.1	520.6
-7.5°	0.0	11.9	34.4	59.0	90.6	128.9	175.6	236.2	313.7	405.2	513.7
-10°	0.0	11.8	34.1	58.5	89.6	127.6	173.7	233.1	308.8	399.4	504.7
-12.5°	0.0	11.7	33.6	57.9	88.4	125.9	171.2	229.2	302.7	390.7	485.0
-15°	0.0	11.6	33.1	57.2	86.9	123.8	168.1	224.5	293.2	372.2	459.7
-17.5°	0.0	11.4	32.5	56.3	85.2	121.4	164.6	217.2	279.9	352.9	433.4
-20°	0.0	11.3	31.8	55.3	83.4	118.5	159.8	207.9	266.1	333.0	406.5



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 CATALOG NUMBER: GFLD-SA1D-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	11.1	31.0	54.1	81.3	115.2	153.5	198.2	251.7	312.6	379.1
-25°	0.0	10.9	30.2	52.7	79.1	110.9	146.8	188.0	237.0	291.9	351.5
-27.5°	0.0	10.6	29.3	51.2	76.7	106.1	139.9	177.5	222.0	271.9	326.2
-30°	0.0	10.4	28.3	49.6	74.1	101.1	132.6	166.7	208.0	253.6	301.3
-32.5°	0.0	10.1	27.3	47.8	71.0	95.9	125.1	157.1	194.7	235.3	276.8
-35°	0.0	9.8	26.2	45.8	67.7	90.5	118.1	147.8	181.3	217.1	252.9
-37.5°	0.0	9.5	25.0	43.8	64.2	85.4	111.3	138.3	167.7	199.3	231.1
-40°	0.0	9.2	23.7	41.5	60.7	80.9	104.3	128.7	154.1	183.1	211.1
-42.5°	0.0	8.8	22.4	39.2	57.2	76.2	97.3	119.0	142.1	167.7	191.7
-45°	0.0	8.5	21.1	36.6	53.7	71.4	90.2	109.8	130.9	152.5	173.2
-47.5°	0.0	8.1	19.7	34.0	50.2	66.5	83.0	101.5	119.7	137.8	157.0
-50°	0.0	7.7	18.2	31.6	46.6	61.5	76.8	93.2	108.7	125.7	141.3
-52.5°	0.0	7.3	16.7	29.3	43.0	56.4	70.7	85.0	99.1	113.7	126.5
-55°	0.0	6.9	15.2	27.0	39.2	51.7	64.5	76.9	90.0	102.0	114.0
-57.5°	0.0	6.4	13.6	24.6	35.4	47.0	58.2	69.7	80.8	91.6	101.7
-60°	0.0	6.0	12.0	22.2	31.6	42.3	52.0	62.4	71.9	81.6	90.2
-62.5°	0.0	5.5	11.1	19.7	28.4	37.6	46.5	55.2	64.0	71.7	79.5
-65°	0.0	5.1	10.1	17.2	25.1	32.8	40.9	48.3	56.1	62.9	68.9
-67.5°	0.0	4.6	9.2	14.6	21.7	28.3	35.3	42.1	48.2	54.6	59.6
-70°	0.0	4.1	8.2	12.0	18.4	24.2	29.7	35.9	41.4	46.2	51.0
-72.5°	0.0	3.6	7.2	10.4	15.0	20.1	24.8	29.6	34.6	38.9	42.6
-75°	0.0	3.1	6.2	8.9	11.5	16.0	20.0	24.0	27.8	31.6	34.9
-77.5°	0.0	2.6	5.2	7.4	9.4	11.8	15.2	18.6	21.7	24.6	27.3
-80°	0.0	2.1	4.2	5.9	7.5	8.9	10.3	13.1	15.7	18.1	20.2
-82.5°	0.0	1.6	3.1	4.5	5.6	6.7	7.5	8.5	9.7	11.5	13.2
-85°	0.0	1.0	2.1	3.0	3.8	4.4	5.0	5.7	6.3	6.9	7.4
-87.5°	0.0	0.5	1.0	1.5	1.9	2.2	2.5	2.8	3.2	3.5	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



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	4.0	4.3	4.5	4.8	5.0	5.2	5.4	5.5	5.7	6.0	6.2
85°	8.0	8.5	9.4	10.2	10.9	11.5	12.0	12.4	12.8	13.2	13.5
82.5°	14.7	15.9	16.9	17.6	18.5	19.2	19.8	20.4	21.0	21.5	21.9
80°	21.9	23.3	24.7	26.0	27.2	28.2	28.8	29.0	29.7	30.7	31.6
77.5°	29.7	31.8	33.7	35.3	36.6	37.8	38.6	39.1	40.3	41.6	42.8
75°	37.8	40.4	42.9	45.2	47.0	48.3	49.3	50.1	51.5	53.2	54.7
72.5°	46.2	49.7	52.7	55.4	57.8	59.6	61.0	61.9	63.3	65.3	67.0
70°	55.1	59.0	63.2	66.6	69.1	71.3	73.1	74.4	75.6	77.7	79.3
67.5°	64.2	69.9	74.5	78.1	81.0	83.6	85.7	87.0	87.6	89.7	91.4
65°	75.0	81.1	86.2	90.3	93.1	96.4	98.7	99.8	100.2	102.5	104.6
62.5°	86.1	92.8	98.4	103.0	106.8	109.9	112.4	113.8	114.1	115.8	118.3
60°	97.8	104.7	111.4	117.0	121.0	124.2	126.9	128.4	128.7	129.4	132.3
57.5°	110.1	117.6	125.4	131.6	136.2	138.9	141.9	143.5	144.2	143.8	146.8
55°	123.5	131.2	140.0	147.3	152.2	154.6	157.4	159.8	160.7	160.1	161.8
52.5°	138.6	146.3	155.7	163.7	169.2	172.0	174.0	176.9	178.2	177.6	177.3
50°	154.5	164.1	171.9	181.0	187.7	191.5	191.5	195.1	196.8	196.3	194.0
47.5°	172.4	183.3	189.2	199.7	208.4	212.8	213.1	214.5	216.7	217.2	215.2
45°	191.8	205.1	211.5	220.8	230.5	236.0	237.7	235.1	238.9	240.1	238.8
42.5°	212.2	229.3	239.2	243.1	254.3	261.9	264.9	263.1	262.9	265.6	265.5
40°	235.9	255.4	270.4	274.3	280.0	290.5	296.8	296.4	289.5	294.4	295.7
37.5°	261.1	286.5	305.0	313.2	308.9	322.9	332.0	335.7	331.4	326.5	332.1
35°	287.7	319.8	344.7	358.7	359.3	359.0	373.3	381.0	381.5	372.5	374.5
32.5°	317.5	355.1	388.1	410.7	421.0	414.7	418.4	434.5	442.4	439.0	426.1
30°	349.4	395.5	436.0	468.0	491.0	497.8	482.5	495.0	512.5	519.4	513.8
27.5°	381.7	438.5	489.8	534.2	569.8	592.4	592.9	573.5	593.3	610.1	616.6
25°	414.5	481.4	546.9	607.0	660.9	699.7	717.6	719.7	692.0	717.2	740.6
22.5°	449.4	525.7	603.3	684.5	759.7	816.7	860.0	886.1	885.3	858.9	879.4
20°	486.4	573.8	664.2	760.5	863.0	941.4	1014.0	1069.6	1103.0	1114.1	1092.4
17.5°	523.4	622.4	728.1	842.8	961.4	1070.1	1178.9	1267.6	1337.8	1395.4	1416.0
15°	559.9	670.8	792.3	925.7	1062.8	1198.8	1338.7	1474.5	1594.0	1699.4	1762.0
12.5°	595.5	718.6	855.9	1008.2	1165.5	1329.2	1496.2	1661.6	1833.7	2004.5	2134.4
10°	629.9	765.1	918.2	1089.3	1268.2	1459.7	1653.4	1849.7	2058.8	2260.3	2454.2
7.5°	644.6	795.5	971.9	1167.8	1369.1	1588.1	1808.3	2036.1	2280.4	2515.5	2752.4
5°	653.6	807.6	987.1	1191.1	1415.0	1671.9	1934.6	2216.8	2495.6	2766.3	3045.4
2.5°	659.6	815.8	997.2	1200.3	1421.9	1685.6	1951.7	2244.6	2557.5	2870.5	3202.8
0°	662.6	820.2	1002.2	1203.1	1421.0	1690.1	1958.3	2260.5	2577.5	2895.9	3236.0
-2.5°	659.6	815.8	997.2	1200.3	1421.9	1685.6	1951.7	2244.6	2557.5	2870.5	3202.8
-5°	653.6	807.6	987.1	1191.1	1415.0	1671.9	1934.6	2216.8	2495.6	2766.3	3045.4
-7.5°	644.6	795.5	971.9	1167.8	1369.1	1588.1	1808.3	2036.1	2280.4	2515.5	2752.4
-10°	629.9	765.1	918.2	1089.3	1268.2	1459.7	1653.4	1849.7	2058.8	2260.3	2454.2
-12.5°	595.5	718.6	855.9	1008.2	1165.5	1329.2	1496.2	1661.6	1833.7	2004.5	2134.4
-15°	559.9	670.8	792.3	925.7	1062.8	1198.8	1338.7	1474.5	1594.0	1699.4	1762.0
-17.5°	523.4	622.4	728.1	842.8	961.4	1070.1	1178.9	1267.6	1337.8	1395.4	1416.0
-20°	486.4	573.8	664.2	760.5	863.0	941.4	1014.0	1069.6	1103.0	1114.1	1092.4



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 CATALOG NUMBER: GFLD-SA1D-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°	449.4	525.7	603.3	684.5	759.7	816.7	860.0	886.1	885.3	858.9	879.4
-25°	414.5	481.4	546.9	607.0	660.9	699.7	717.6	719.7	692.0	717.2	740.6
-27.5°	381.7	438.5	489.8	534.2	569.8	592.4	592.9	573.5	593.3	610.1	616.6
-30°	349.4	395.5	436.0	468.0	491.0	497.8	482.5	495.0	512.5	519.4	513.8
-32.5°	317.5	355.1	388.1	410.7	421.0	414.7	418.4	434.5	442.4	439.0	426.1
-35°	287.7	319.8	344.7	358.7	359.3	359.0	373.3	381.0	381.5	372.5	374.5
-37.5°	261.1	286.5	305.0	313.2	308.9	322.9	332.0	335.7	331.4	326.5	332.1
-40°	235.9	255.4	270.4	274.3	280.0	290.5	296.8	296.4	289.5	294.4	295.7
-42.5°	212.2	229.3	239.2	243.1	254.3	261.9	264.9	263.1	262.9	265.6	265.5
-45°	191.8	205.1	211.5	220.8	230.5	236.0	237.7	235.1	238.9	240.1	238.8
-47.5°	172.4	183.3	189.2	199.7	208.4	212.8	213.1	214.5	216.7	217.2	215.2
-50°	154.5	164.1	171.9	181.0	187.7	191.5	191.5	195.1	196.8	196.3	194.0
-52.5°	138.6	146.3	155.7	163.7	169.2	172.0	174.0	176.9	178.2	177.6	177.3
-55°	123.5	131.2	140.0	147.3	152.2	154.6	157.4	159.8	160.7	160.1	161.8
-57.5°	110.1	117.6	125.4	131.6	136.2	138.9	141.9	143.5	144.2	143.8	146.8
-60°	97.8	104.7	111.4	117.0	121.0	124.2	126.9	128.4	128.7	129.4	132.3
-62.5°	86.1	92.8	98.4	103.0	106.8	109.9	112.4	113.8	114.1	115.8	118.3
-65°	75.0	81.1	86.2	90.3	93.1	96.4	98.7	99.8	100.2	102.5	104.6
-67.5°	64.2	69.9	74.5	78.1	81.0	83.6	85.7	87.0	87.6	89.7	91.4
-70°	55.1	59.0	63.2	66.6	69.1	71.3	73.1	74.4	75.6	77.7	79.3
-72.5°	46.2	49.7	52.7	55.4	57.8	59.6	61.0	61.9	63.3	65.3	67.0
-75°	37.8	40.4	42.9	45.2	47.0	48.3	49.3	50.1	51.5	53.2	54.7
-77.5°	29.7	31.8	33.7	35.3	36.6	37.8	38.6	39.1	40.3	41.6	42.8
-80°	21.9	23.3	24.7	26.0	27.2	28.2	28.8	29.0	29.7	30.7	31.6
-82.5°	14.7	15.9	16.9	17.6	18.5	19.2	19.8	20.4	21.0	21.5	21.9
-85°	8.0	8.5	9.4	10.2	10.9	11.5	12.0	12.4	12.8	13.2	13.5
-87.5°	4.0	4.3	4.5	4.8	5.0	5.2	5.4	5.5	5.7	6.0	6.2
-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: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	6.4	6.3	6.2	6.1	5.9	5.9	5.9	5.8	5.8	5.7	5.7
85°	13.7	13.9	14.2	14.5	14.7	14.9	15.1	15.3	15.4	15.4	15.4
82.5°	22.3	23.1	23.8	24.5	25.2	25.6	25.8	26.0	26.1	26.3	26.4
80°	32.4	33.5	34.5	35.4	36.0	36.6	37.0	37.3	37.6	37.8	38.0
77.5°	43.9	45.1	46.2	47.2	48.1	49.0	49.7	50.2	50.7	51.3	51.9
75°	56.0	57.4	58.8	60.1	61.3	62.5	63.7	64.8	65.8	66.6	67.2
72.5°	68.3	69.8	71.6	73.2	74.8	76.4	78.0	79.4	80.6	81.7	82.8
70°	80.5	81.9	84.1	86.3	88.4	90.4	92.3	94.0	95.6	97.0	98.4
67.5°	93.0	94.4	97.3	99.8	102.1	104.3	106.5	108.5	110.3	111.9	113.2
65°	106.3	107.6	110.7	113.5	115.9	118.0	120.4	122.6	124.5	126.2	127.7
62.5°	120.2	121.5	124.0	126.8	129.1	131.0	133.9	136.4	138.4	140.2	141.6
60°	134.3	135.3	137.3	140.3	142.9	145.1	147.6	150.0	152.0	153.7	155.2
57.5°	148.8	149.9	150.8	153.9	156.4	158.4	160.6	162.9	164.8	166.5	168.0
55°	163.9	164.7	164.4	167.3	169.6	171.2	172.8	175.3	177.2	178.7	180.2
52.5°	179.3	180.3	179.6	180.8	183.3	184.7	185.4	188.1	190.2	191.4	192.8
50°	196.4	197.2	196.6	196.0	198.4	199.9	200.3	202.4	204.3	205.3	206.2
47.5°	215.0	216.0	215.5	212.8	215.0	216.9	216.9	217.9	219.8	220.5	221.1
45°	235.3	237.2	236.8	234.9	234.6	236.5	236.3	235.6	237.8	238.7	239.0
42.5°	261.8	261.2	261.7	260.7	257.3	259.5	259.8	257.1	259.8	261.0	260.3
40°	294.3	288.3	291.6	291.1	288.0	287.5	289.2	287.0	287.4	289.1	287.8
37.5°	332.9	328.7	326.9	328.4	327.5	323.5	326.7	325.9	323.3	326.2	324.9
35°	380.5	379.3	369.7	375.5	376.7	372.9	374.0	375.7	370.2	374.5	374.0
32.5°	436.1	439.0	436.9	433.3	438.8	439.5	433.2	440.7	437.6	438.7	441.7
30°	499.1	513.6	520.6	514.4	517.7	524.5	521.4	526.6	529.1	525.2	532.6
27.5°	609.2	604.1	620.9	628.2	620.4	632.7	641.6	637.7	650.7	643.0	654.0
25°	749.0	741.5	746.0	770.3	775.6	769.4	794.6	797.5	807.9	809.1	816.8
22.5°	913.4	931.6	929.4	936.8	967.3	977.5	986.7	1010.9	1005.4	1027.3	1031.1
20°	1097.2	1142.8	1174.3	1180.9	1194.0	1229.0	1245.0	1264.1	1276.9	1297.6	1315.1
17.5°	1408.0	1384.5	1446.3	1485.1	1505.5	1512.8	1554.9	1568.7	1600.4	1618.5	1636.4
15°	1807.0	1820.7	1792.8	1829.8	1892.3	1913.4	1889.1	1945.8	1961.7	1992.2	1997.6
12.5°	2233.6	2302.6	2336.5	2345.7	2313.0	2401.9	2437.5	2392.8	2443.5	2434.4	2476.1
10°	2640.6	2808.4	2908.8	2979.4	3022.4	3048.3	3074.0	3120.1	3120.9	3155.2	3135.2
7.5°	2974.7	3187.5	3390.6	3587.8	3745.5	3833.9	3903.3	3969.8	4058.7	4101.2	4128.9
5°	3301.6	3547.1	3790.2	4029.2	4245.6	4453.7	4657.8	4834.8	4928.6	5038.2	5135.9
2.5°	3513.1	3823.5	4134.0	4441.6	4691.7	4921.1	5133.5	5330.7	5503.7	5663.8	5798.9
0°	3554.4	3901.8	4225.7	4532.6	4814.1	5097.5	5344.9	5567.9	5756.4	5926.4	6041.1
-2.5°	3513.1	3823.5	4134.0	4441.6	4691.7	4921.1	5133.5	5330.7	5503.7	5663.8	5798.9
-5°	3301.6	3547.1	3790.2	4029.2	4245.6	4453.7	4657.8	4834.8	4928.6	5038.2	5135.9
-7.5°	2974.7	3187.5	3390.6	3587.8	3745.5	3833.9	3903.3	3969.8	4058.7	4101.2	4128.9
-10°	2640.6	2808.4	2908.8	2979.4	3022.4	3048.3	3074.0	3120.1	3120.9	3155.2	3135.2
-12.5°	2233.6	2302.6	2336.5	2345.7	2313.0	2401.9	2437.5	2392.8	2443.5	2434.4	2476.1
-15°	1807.0	1820.7	1792.8	1829.8	1892.3	1913.4	1889.1	1945.8	1961.7	1992.2	1997.6
-17.5°	1408.0	1384.5	1446.3	1485.1	1505.5	1512.8	1554.9	1568.7	1600.4	1618.5	1636.4
-20°	1097.2	1142.8	1174.3	1180.9	1194.0	1229.0	1245.0	1264.1	1276.9	1297.6	1315.1



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	913.4	931.6	929.4	936.8	967.3	977.5	986.7	1010.9	1005.4	1027.3	1031.1
-25°	749.0	741.5	746.0	770.3	775.6	769.4	794.6	797.5	807.9	809.1	816.8
-27.5°	609.2	604.1	620.9	628.2	620.4	632.7	641.6	637.7	650.7	643.0	654.0
-30°	499.1	513.6	520.6	514.4	517.7	524.5	521.4	526.6	529.1	525.2	532.6
-32.5°	436.1	439.0	436.9	433.3	438.8	439.5	433.2	440.7	437.6	438.7	441.7
-35°	380.5	379.3	369.7	375.5	376.7	372.9	374.0	375.7	370.2	374.5	374.0
-37.5°	332.9	328.7	326.9	328.4	327.5	323.5	326.7	325.9	323.3	326.2	324.9
-40°	294.3	288.3	291.6	291.1	288.0	287.5	289.2	287.0	287.4	289.1	287.8
-42.5°	261.8	261.2	261.7	260.7	257.3	259.5	259.8	257.1	259.8	261.0	260.3
-45°	235.3	237.2	236.8	234.9	234.6	236.5	236.3	235.6	237.8	238.7	239.0
-47.5°	215.0	216.0	215.5	212.8	215.0	216.9	216.9	217.9	219.8	220.5	221.1
-50°	196.4	197.2	196.6	196.0	198.4	199.9	200.3	202.4	204.3	205.3	206.2
-52.5°	179.3	180.3	179.6	180.8	183.3	184.7	185.4	188.1	190.2	191.4	192.8
-55°	163.9	164.7	164.4	167.3	169.6	171.2	172.8	175.3	177.2	178.7	180.2
-57.5°	148.8	149.9	150.8	153.9	156.4	158.4	160.6	162.9	164.8	166.5	168.0
-60°	134.3	135.3	137.3	140.3	142.9	145.1	147.6	150.0	152.0	153.7	155.2
-62.5°	120.2	121.5	124.0	126.8	129.1	131.0	133.9	136.4	138.4	140.2	141.6
-65°	106.3	107.6	110.7	113.5	115.9	118.0	120.4	122.6	124.5	126.2	127.7
-67.5°	93.0	94.4	97.3	99.8	102.1	104.3	106.5	108.5	110.3	111.9	113.2
-70°	80.5	81.9	84.1	86.3	88.4	90.4	92.3	94.0	95.6	97.0	98.4
-72.5°	68.3	69.8	71.6	73.2	74.8	76.4	78.0	79.4	80.6	81.7	82.8
-75°	56.0	57.4	58.8	60.1	61.3	62.5	63.7	64.8	65.8	66.6	67.2
-77.5°	43.9	45.1	46.2	47.2	48.1	49.0	49.7	50.2	50.7	51.3	51.9
-80°	32.4	33.5	34.5	35.4	36.0	36.6	37.0	37.3	37.6	37.8	38.0
-82.5°	22.3	23.1	23.8	24.5	25.2	25.6	25.8	26.0	26.1	26.3	26.4
-85°	13.7	13.9	14.2	14.5	14.7	14.9	15.1	15.3	15.4	15.4	15.4
-87.5°	6.4	6.3	6.2	6.1	5.9	5.9	5.9	5.8	5.8	5.7	5.7
-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: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	5.6	5.5	5.7	6.0	5.7	5.5	5.6	5.7	5.7	5.8	5.8
85°	15.3	15.1	15.4	15.7	15.4	15.1	15.3	15.4	15.4	15.4	15.3
82.5°	26.5	26.6	26.7	26.7	26.7	26.6	26.5	26.4	26.3	26.1	26.0
80°	38.1	38.0	38.0	37.8	38.0	38.0	38.1	38.0	37.8	37.6	37.3
77.5°	52.4	52.7	52.9	53.0	52.9	52.7	52.4	51.9	51.3	50.7	50.2
75°	67.6	67.9	67.9	67.7	67.9	67.9	67.6	67.2	66.6	65.8	64.8
72.5°	83.7	84.3	84.4	84.3	84.4	84.3	83.7	82.8	81.7	80.6	79.4
70°	99.5	100.4	100.4	100.0	100.4	100.4	99.5	98.4	97.0	95.6	94.0
67.5°	114.3	115.1	115.7	116.1	115.7	115.1	114.3	113.2	111.9	110.3	108.5
65°	128.9	129.8	130.3	130.4	130.3	129.8	128.9	127.7	126.2	124.5	122.6
62.5°	142.8	143.6	144.0	144.2	144.0	143.6	142.8	141.6	140.2	138.4	136.4
60°	156.4	157.3	157.5	157.1	157.5	157.3	156.4	155.2	153.7	152.0	150.0
57.5°	169.3	170.2	170.2	169.6	170.2	170.2	169.3	168.0	166.5	164.8	162.9
55°	181.2	181.9	182.1	182.0	182.1	181.9	181.2	180.2	178.7	177.2	175.3
52.5°	193.8	194.3	194.5	194.4	194.5	194.3	193.8	192.8	191.4	190.2	188.1
50°	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.2	205.3	204.3	202.4
47.5°	221.9	222.1	222.1	222.1	222.1	222.1	221.9	221.1	220.5	219.8	217.9
45°	239.6	239.1	238.6	238.7	238.6	239.1	239.6	239.0	238.7	237.8	235.6
42.5°	260.9	260.3	259.7	259.9	259.7	260.3	260.9	260.3	261.0	259.8	257.1
40°	289.0	288.8	287.9	287.5	287.9	288.8	289.0	287.8	289.1	287.4	287.0
37.5°	325.1	324.6	322.5	321.6	322.5	324.6	325.1	324.9	326.2	323.3	325.9
35°	372.8	372.1	368.9	369.1	368.9	372.1	372.8	374.0	374.5	370.2	375.7
32.5°	440.2	440.5	435.6	434.5	435.6	440.5	440.2	441.7	438.7	437.6	440.7
30°	528.0	529.9	524.2	526.7	524.2	529.9	528.0	532.6	525.2	529.1	526.6
27.5°	653.8	657.4	652.4	648.3	652.4	657.4	653.8	654.0	643.0	650.7	637.7
25°	826.9	829.6	823.9	818.8	823.9	829.6	826.9	816.8	809.1	807.9	797.5
22.5°	1052.2	1052.1	1051.8	1059.8	1051.8	1052.1	1052.2	1031.1	1027.3	1005.4	1010.9
20°	1326.5	1319.9	1329.8	1336.2	1329.8	1319.9	1326.5	1315.1	1297.6	1276.9	1264.1
17.5°	1640.6	1653.1	1662.6	1678.6	1662.6	1653.1	1640.6	1636.4	1618.5	1600.4	1568.7
15°	2011.1	2029.8	2039.4	2034.3	2039.4	2029.8	2011.1	1997.6	1992.2	1961.7	1945.8
12.5°	2477.6	2500.0	2483.4	2462.8	2483.4	2500.0	2477.6	2476.1	2434.4	2443.5	2392.8
10°	3135.5	3183.8	3186.5	3146.1	3186.5	3183.8	3135.5	3135.2	3155.2	3120.9	3120.1
7.5°	4145.0	4168.4	4204.1	4205.9	4204.1	4168.4	4145.0	4128.9	4101.2	4058.7	3969.8
5°	5180.2	5242.7	5283.1	5352.7	5283.1	5242.7	5180.2	5135.9	5038.2	4928.6	4834.8
2.5°	5886.2	5967.0	5998.1	6077.1	5998.1	5967.0	5886.2	5798.9	5663.8	5503.7	5330.7
0°	6143.4	6208.8	6248.0	6279.3	6248.0	6208.8	6143.4	6041.1	5926.4	5756.4	5567.9
-2.5°	5886.2	5967.0	5998.1	6077.1	5998.1	5967.0	5886.2	5798.9	5663.8	5503.7	5330.7
-5°	5180.2	5242.7	5283.1	5352.7	5283.1	5242.7	5180.2	5135.9	5038.2	4928.6	4834.8
-7.5°	4145.0	4168.4	4204.1	4205.9	4204.1	4168.4	4145.0	4128.9	4101.2	4058.7	3969.8
-10°	3135.5	3183.8	3186.5	3146.1	3186.5	3183.8	3135.5	3135.2	3155.2	3120.9	3120.1
-12.5°	2477.6	2500.0	2483.4	2462.8	2483.4	2500.0	2477.6	2476.1	2434.4	2443.5	2392.8
-15°	2011.1	2029.8	2039.4	2034.3	2039.4	2029.8	2011.1	1997.6	1992.2	1961.7	1945.8
-17.5°	1640.6	1653.1	1662.6	1678.6	1662.6	1653.1	1640.6	1636.4	1618.5	1600.4	1568.7
-20°	1326.5	1319.9	1329.8	1336.2	1329.8	1319.9	1326.5	1315.1	1297.6	1276.9	1264.1



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	1052.2	1052.1	1051.8	1059.8	1051.8	1052.1	1052.2	1031.1	1027.3	1005.4	1010.9
-25°	826.9	829.6	823.9	818.8	823.9	829.6	826.9	816.8	809.1	807.9	797.5
-27.5°	653.8	657.4	652.4	648.3	652.4	657.4	653.8	654.0	643.0	650.7	637.7
-30°	528.0	529.9	524.2	526.7	524.2	529.9	528.0	532.6	525.2	529.1	526.6
-32.5°	440.2	440.5	435.6	434.5	435.6	440.5	440.2	441.7	438.7	437.6	440.7
-35°	372.8	372.1	368.9	369.1	368.9	372.1	372.8	374.0	374.5	370.2	375.7
-37.5°	325.1	324.6	322.5	321.6	322.5	324.6	325.1	324.9	326.2	323.3	325.9
-40°	289.0	288.8	287.9	287.5	287.9	288.8	289.0	287.8	289.1	287.4	287.0
-42.5°	260.9	260.3	259.7	259.9	259.7	260.3	260.9	260.3	261.0	259.8	257.1
-45°	239.6	239.1	238.6	238.7	238.6	239.1	239.6	239.0	238.7	237.8	235.6
-47.5°	221.9	222.1	222.1	222.1	222.1	222.1	221.9	221.1	220.5	219.8	217.9
-50°	206.9	206.9	206.9	206.9	206.9	206.9	206.9	206.2	205.3	204.3	202.4
-52.5°	193.8	194.3	194.5	194.4	194.5	194.3	193.8	192.8	191.4	190.2	188.1
-55°	181.2	181.9	182.1	182.0	182.1	181.9	181.2	180.2	178.7	177.2	175.3
-57.5°	169.3	170.2	170.2	169.6	170.2	170.2	169.3	168.0	166.5	164.8	162.9
-60°	156.4	157.3	157.5	157.1	157.5	157.3	156.4	155.2	153.7	152.0	150.0
-62.5°	142.8	143.6	144.0	144.2	144.0	143.6	142.8	141.6	140.2	138.4	136.4
-65°	128.9	129.8	130.3	130.4	130.3	129.8	128.9	127.7	126.2	124.5	122.6
-67.5°	114.3	115.1	115.7	116.1	115.7	115.1	114.3	113.2	111.9	110.3	108.5
-70°	99.5	100.4	100.4	100.0	100.4	100.4	99.5	98.4	97.0	95.6	94.0
-72.5°	83.7	84.3	84.4	84.3	84.4	84.3	83.7	82.8	81.7	80.6	79.4
-75°	67.6	67.9	67.9	67.7	67.9	67.9	67.6	67.2	66.6	65.8	64.8
-77.5°	52.4	52.7	52.9	53.0	52.9	52.7	52.4	51.9	51.3	50.7	50.2
-80°	38.1	38.0	38.0	37.8	38.0	38.0	38.1	38.0	37.8	37.6	37.3
-82.5°	26.5	26.6	26.7	26.7	26.7	26.6	26.5	26.4	26.3	26.1	26.0
-85°	15.3	15.1	15.4	15.7	15.4	15.1	15.3	15.4	15.4	15.4	15.3
-87.5°	5.6	5.5	5.7	6.0	5.7	5.5	5.6	5.7	5.7	5.8	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	5.9	5.9	5.9	6.1	6.2	6.3	6.4	6.2	6.0	5.7	5.5
85°	15.1	14.9	14.7	14.5	14.2	13.9	13.7	13.5	13.2	12.8	12.4
82.5°	25.8	25.6	25.2	24.5	23.8	23.1	22.3	21.9	21.5	21.0	20.4
80°	37.0	36.6	36.0	35.4	34.5	33.5	32.4	31.6	30.7	29.7	29.0
77.5°	49.7	49.0	48.1	47.2	46.2	45.1	43.9	42.8	41.6	40.3	39.1
75°	63.7	62.5	61.3	60.1	58.8	57.4	56.0	54.7	53.2	51.5	50.1
72.5°	78.0	76.4	74.8	73.2	71.6	69.8	68.3	67.0	65.3	63.3	61.9
70°	92.3	90.4	88.4	86.3	84.1	81.9	80.5	79.3	77.7	75.6	74.4
67.5°	106.5	104.3	102.1	99.8	97.3	94.4	93.0	91.4	89.7	87.6	87.0
65°	120.4	118.0	115.9	113.5	110.7	107.6	106.3	104.6	102.5	100.2	99.8
62.5°	133.9	131.0	129.1	126.8	124.0	121.5	120.2	118.3	115.8	114.1	113.8
60°	147.6	145.1	142.9	140.3	137.3	135.3	134.3	132.3	129.4	128.7	128.4
57.5°	160.6	158.4	156.4	153.9	150.8	149.9	148.8	146.8	143.8	144.2	143.5
55°	172.8	171.2	169.6	167.3	164.4	164.7	163.9	161.8	160.1	160.7	159.8
52.5°	185.4	184.7	183.3	180.8	179.6	180.3	179.3	177.3	177.6	178.2	176.9
50°	200.3	199.9	198.4	196.0	196.6	197.2	196.4	194.0	196.3	196.8	195.1
47.5°	216.9	216.9	215.0	212.8	215.5	216.0	215.0	215.2	217.2	216.7	214.5
45°	236.3	236.5	234.6	234.9	236.8	237.2	235.3	238.8	240.1	238.9	235.1
42.5°	259.8	259.5	257.3	260.7	261.7	261.2	261.8	265.5	265.6	262.9	263.1
40°	289.2	287.5	288.0	291.1	291.6	288.3	294.3	295.7	294.4	289.5	296.4
37.5°	326.7	323.5	327.5	328.4	326.9	328.7	332.9	332.1	326.5	331.4	335.7
35°	374.0	372.9	376.7	375.5	369.7	379.3	380.5	374.5	372.5	381.5	381.0
32.5°	433.2	439.5	438.8	433.3	436.9	439.0	436.1	426.1	439.0	442.4	434.5
30°	521.4	524.5	517.7	514.4	520.6	513.6	499.1	513.8	519.4	512.5	495.0
27.5°	641.6	632.7	620.4	628.2	620.9	604.1	609.2	616.6	610.1	593.3	573.5
25°	794.6	769.4	775.6	770.3	746.0	741.5	749.0	740.6	717.2	692.0	719.7
22.5°	986.7	977.5	967.3	936.8	929.4	931.6	913.4	879.4	858.9	885.3	886.1
20°	1245.0	1229.0	1194.0	1180.9	1174.3	1142.8	1097.2	1092.4	1114.1	1103.0	1069.6
17.5°	1554.9	1512.8	1505.5	1485.1	1446.3	1384.5	1408.0	1416.0	1395.4	1337.8	1267.6
15°	1889.1	1913.4	1892.3	1829.8	1792.8	1820.7	1807.0	1762.0	1699.4	1594.0	1474.5
12.5°	2437.5	2401.9	2313.0	2345.7	2336.5	2302.6	2233.6	2134.4	2004.5	1833.7	1661.6
10°	3074.0	3048.3	3022.4	2979.4	2908.8	2808.4	2640.6	2454.2	2260.3	2058.8	1849.7
7.5°	3903.3	3833.9	3745.5	3587.8	3390.6	3187.5	2974.7	2752.4	2515.5	2280.4	2036.1
5°	4657.8	4453.7	4245.6	4029.2	3790.2	3547.1	3301.6	3045.4	2766.3	2495.6	2216.8
2.5°	5133.5	4921.1	4691.7	4441.6	4134.0	3823.5	3513.1	3202.8	2870.5	2557.5	2244.6
0°	5344.9	5097.5	4814.1	4532.6	4225.7	3901.8	3554.4	3236.0	2895.9	2577.5	2260.5
-2.5°	5133.5	4921.1	4691.7	4441.6	4134.0	3823.5	3513.1	3202.8	2870.5	2557.5	2244.6
-5°	4657.8	4453.7	4245.6	4029.2	3790.2	3547.1	3301.6	3045.4	2766.3	2495.6	2216.8
-7.5°	3903.3	3833.9	3745.5	3587.8	3390.6	3187.5	2974.7	2752.4	2515.5	2280.4	2036.1
-10°	3074.0	3048.3	3022.4	2979.4	2908.8	2808.4	2640.6	2454.2	2260.3	2058.8	1849.7
-12.5°	2437.5	2401.9	2313.0	2345.7	2336.5	2302.6	2233.6	2134.4	2004.5	1833.7	1661.6
-15°	1889.1	1913.4	1892.3	1829.8	1792.8	1820.7	1807.0	1762.0	1699.4	1594.0	1474.5
-17.5°	1554.9	1512.8	1505.5	1485.1	1446.3	1384.5	1408.0	1416.0	1395.4	1337.8	1267.6
-20°	1245.0	1229.0	1194.0	1180.9	1174.3	1142.8	1097.2	1092.4	1114.1	1103.0	1069.6



REPORT NUMBER: P558566 (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°	986.7	977.5	967.3	936.8	929.4	931.6	913.4	879.4	858.9	885.3	886.1
-25°	794.6	769.4	775.6	770.3	746.0	741.5	749.0	740.6	717.2	692.0	719.7
-27.5°	641.6	632.7	620.4	628.2	620.9	604.1	609.2	616.6	610.1	593.3	573.5
-30°	521.4	524.5	517.7	514.4	520.6	513.6	499.1	513.8	519.4	512.5	495.0
-32.5°	433.2	439.5	438.8	433.3	436.9	439.0	436.1	426.1	439.0	442.4	434.5
-35°	374.0	372.9	376.7	375.5	369.7	379.3	380.5	374.5	372.5	381.5	381.0
-37.5°	326.7	323.5	327.5	328.4	326.9	328.7	332.9	332.1	326.5	331.4	335.7
-40°	289.2	287.5	288.0	291.1	291.6	288.3	294.3	295.7	294.4	289.5	296.4
-42.5°	259.8	259.5	257.3	260.7	261.7	261.2	261.8	265.5	265.6	262.9	263.1
-45°	236.3	236.5	234.6	234.9	236.8	237.2	235.3	238.8	240.1	238.9	235.1
-47.5°	216.9	216.9	215.0	212.8	215.5	216.0	215.0	215.2	217.2	216.7	214.5
-50°	200.3	199.9	198.4	196.0	196.6	197.2	196.4	194.0	196.3	196.8	195.1
-52.5°	185.4	184.7	183.3	180.8	179.6	180.3	179.3	177.3	177.6	178.2	176.9
-55°	172.8	171.2	169.6	167.3	164.4	164.7	163.9	161.8	160.1	160.7	159.8
-57.5°	160.6	158.4	156.4	153.9	150.8	149.9	148.8	146.8	143.8	144.2	143.5
-60°	147.6	145.1	142.9	140.3	137.3	135.3	134.3	132.3	129.4	128.7	128.4
-62.5°	133.9	131.0	129.1	126.8	124.0	121.5	120.2	118.3	115.8	114.1	113.8
-65°	120.4	118.0	115.9	113.5	110.7	107.6	106.3	104.6	102.5	100.2	99.8
-67.5°	106.5	104.3	102.1	99.8	97.3	94.4	93.0	91.4	89.7	87.6	87.0
-70°	92.3	90.4	88.4	86.3	84.1	81.9	80.5	79.3	77.7	75.6	74.4
-72.5°	78.0	76.4	74.8	73.2	71.6	69.8	68.3	67.0	65.3	63.3	61.9
-75°	63.7	62.5	61.3	60.1	58.8	57.4	56.0	54.7	53.2	51.5	50.1
-77.5°	49.7	49.0	48.1	47.2	46.2	45.1	43.9	42.8	41.6	40.3	39.1
-80°	37.0	36.6	36.0	35.4	34.5	33.5	32.4	31.6	30.7	29.7	29.0
-82.5°	25.8	25.6	25.2	24.5	23.8	23.1	22.3	21.9	21.5	21.0	20.4
-85°	15.1	14.9	14.7	14.5	14.2	13.9	13.7	13.5	13.2	12.8	12.4
-87.5°	5.9	5.9	5.9	6.1	6.2	6.3	6.4	6.2	6.0	5.7	5.5
-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: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	5.4	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.5	3.2	2.8
85°	12.0	11.5	10.9	10.2	9.4	8.5	8.0	7.4	6.9	6.3	5.7
82.5°	19.8	19.2	18.5	17.6	16.9	15.9	14.7	13.2	11.5	9.7	8.5
80°	28.8	28.2	27.2	26.0	24.7	23.3	21.9	20.2	18.1	15.7	13.1
77.5°	38.6	37.8	36.6	35.3	33.7	31.8	29.7	27.3	24.6	21.7	18.6
75°	49.3	48.3	47.0	45.2	42.9	40.4	37.8	34.9	31.6	27.8	24.0
72.5°	61.0	59.6	57.8	55.4	52.7	49.7	46.2	42.6	38.9	34.6	29.6
70°	73.1	71.3	69.1	66.6	63.2	59.0	55.1	51.0	46.2	41.4	35.9
67.5°	85.7	83.6	81.0	78.1	74.5	69.9	64.2	59.6	54.6	48.2	42.1
65°	98.7	96.4	93.1	90.3	86.2	81.1	75.0	68.9	62.9	56.1	48.3
62.5°	112.4	109.9	106.8	103.0	98.4	92.8	86.1	79.5	71.7	64.0	55.2
60°	126.9	124.2	121.0	117.0	111.4	104.7	97.8	90.2	81.6	71.9	62.4
57.5°	141.9	138.9	136.2	131.6	125.4	117.6	110.1	101.7	91.6	80.8	69.7
55°	157.4	154.6	152.2	147.3	140.0	131.2	123.5	114.0	102.0	90.0	76.9
52.5°	174.0	172.0	169.2	163.7	155.7	146.3	138.6	126.5	113.7	99.1	85.0
50°	191.5	191.5	187.7	181.0	171.9	164.1	154.5	141.3	125.7	108.7	93.2
47.5°	213.1	212.8	208.4	199.7	189.2	183.3	172.4	157.0	137.8	119.7	101.5
45°	237.7	236.0	230.5	220.8	211.5	205.1	191.8	173.2	152.5	130.9	109.8
42.5°	264.9	261.9	254.3	243.1	239.2	229.3	212.2	191.7	167.7	142.1	119.0
40°	296.8	290.5	280.0	274.3	270.4	255.4	235.9	211.1	183.1	154.1	128.7
37.5°	332.0	322.9	308.9	313.2	305.0	286.5	261.1	231.1	199.3	167.7	138.3
35°	373.3	359.0	359.3	358.7	344.7	319.8	287.7	252.9	217.1	181.3	147.8
32.5°	418.4	414.7	421.0	410.7	388.1	355.1	317.5	276.8	235.3	194.7	157.1
30°	482.5	497.8	491.0	468.0	436.0	395.5	349.4	301.3	253.6	208.0	166.7
27.5°	592.9	592.4	569.8	534.2	489.8	438.5	381.7	326.2	271.9	222.0	177.5
25°	717.6	699.7	660.9	607.0	546.9	481.4	414.5	351.5	291.9	237.0	188.0
22.5°	860.0	816.7	759.7	684.5	603.3	525.7	449.4	379.1	312.6	251.7	198.2
20°	1014.0	941.4	863.0	760.5	664.2	573.8	486.4	406.5	333.0	266.1	207.9
17.5°	1178.9	1070.1	961.4	842.8	728.1	622.4	523.4	433.4	352.9	279.9	217.2
15°	1338.7	1198.8	1062.8	925.7	792.3	670.8	559.9	459.7	372.2	293.2	224.5
12.5°	1496.2	1329.2	1165.5	1008.2	855.9	718.6	595.5	485.0	390.7	302.7	229.2
10°	1653.4	1459.7	1268.2	1089.3	918.2	765.1	629.9	504.7	399.4	308.8	233.1
7.5°	1808.3	1588.1	1369.1	1167.8	971.9	795.5	644.6	513.7	405.2	313.7	236.2
5°	1934.6	1671.9	1415.0	1191.1	987.1	807.6	653.6	520.6	409.1	317.5	238.5
2.5°	1951.7	1685.6	1421.9	1200.3	997.2	815.8	659.6	525.4	411.4	320.0	239.9
0°	1958.3	1690.1	1421.0	1203.1	1002.2	820.2	662.6	528.0	411.9	321.2	240.5
-2.5°	1951.7	1685.6	1421.9	1200.3	997.2	815.8	659.6	525.4	411.4	320.0	239.9
-5°	1934.6	1671.9	1415.0	1191.1	987.1	807.6	653.6	520.6	409.1	317.5	238.5
-7.5°	1808.3	1588.1	1369.1	1167.8	971.9	795.5	644.6	513.7	405.2	313.7	236.2
-10°	1653.4	1459.7	1268.2	1089.3	918.2	765.1	629.9	504.7	399.4	308.8	233.1
-12.5°	1496.2	1329.2	1165.5	1008.2	855.9	718.6	595.5	485.0	390.7	302.7	229.2
-15°	1338.7	1198.8	1062.8	925.7	792.3	670.8	559.9	459.7	372.2	293.2	224.5
-17.5°	1178.9	1070.1	961.4	842.8	728.1	622.4	523.4	433.4	352.9	279.9	217.2
-20°	1014.0	941.4	863.0	760.5	664.2	573.8	486.4	406.5	333.0	266.1	207.9



REPORT NUMBER: P558566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	860.0	816.7	759.7	684.5	603.3	525.7	449.4	379.1	312.6	251.7	198.2
-25°	717.6	699.7	660.9	607.0	546.9	481.4	414.5	351.5	291.9	237.0	188.0
-27.5°	592.9	592.4	569.8	534.2	489.8	438.5	381.7	326.2	271.9	222.0	177.5
-30°	482.5	497.8	491.0	468.0	436.0	395.5	349.4	301.3	253.6	208.0	166.7
-32.5°	418.4	414.7	421.0	410.7	388.1	355.1	317.5	276.8	235.3	194.7	157.1
-35°	373.3	359.0	359.3	358.7	344.7	319.8	287.7	252.9	217.1	181.3	147.8
-37.5°	332.0	322.9	308.9	313.2	305.0	286.5	261.1	231.1	199.3	167.7	138.3
-40°	296.8	290.5	280.0	274.3	270.4	255.4	235.9	211.1	183.1	154.1	128.7
-42.5°	264.9	261.9	254.3	243.1	239.2	229.3	212.2	191.7	167.7	142.1	119.0
-45°	237.7	236.0	230.5	220.8	211.5	205.1	191.8	173.2	152.5	130.9	109.8
-47.5°	213.1	212.8	208.4	199.7	189.2	183.3	172.4	157.0	137.8	119.7	101.5
-50°	191.5	191.5	187.7	181.0	171.9	164.1	154.5	141.3	125.7	108.7	93.2
-52.5°	174.0	172.0	169.2	163.7	155.7	146.3	138.6	126.5	113.7	99.1	85.0
-55°	157.4	154.6	152.2	147.3	140.0	131.2	123.5	114.0	102.0	90.0	76.9
-57.5°	141.9	138.9	136.2	131.6	125.4	117.6	110.1	101.7	91.6	80.8	69.7
-60°	126.9	124.2	121.0	117.0	111.4	104.7	97.8	90.2	81.6	71.9	62.4
-62.5°	112.4	109.9	106.8	103.0	98.4	92.8	86.1	79.5	71.7	64.0	55.2
-65°	98.7	96.4	93.1	90.3	86.2	81.1	75.0	68.9	62.9	56.1	48.3
-67.5°	85.7	83.6	81.0	78.1	74.5	69.9	64.2	59.6	54.6	48.2	42.1
-70°	73.1	71.3	69.1	66.6	63.2	59.0	55.1	51.0	46.2	41.4	35.9
-72.5°	61.0	59.6	57.8	55.4	52.7	49.7	46.2	42.6	38.9	34.6	29.6
-75°	49.3	48.3	47.0	45.2	42.9	40.4	37.8	34.9	31.6	27.8	24.0
-77.5°	38.6	37.8	36.6	35.3	33.7	31.8	29.7	27.3	24.6	21.7	18.6
-80°	28.8	28.2	27.2	26.0	24.7	23.3	21.9	20.2	18.1	15.7	13.1
-82.5°	19.8	19.2	18.5	17.6	16.9	15.9	14.7	13.2	11.5	9.7	8.5
-85°	12.0	11.5	10.9	10.2	9.4	8.5	8.0	7.4	6.9	6.3	5.7
-87.5°	5.4	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.5	3.2	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.5	2.2	1.9	1.5	1.0	0.5	0.0
85°	5.0	4.4	3.8	3.0	2.1	1.0	0.0
82.5°	7.5	6.7	5.6	4.5	3.1	1.6	0.0
80°	10.3	8.9	7.5	5.9	4.2	2.1	0.0
77.5°	15.2	11.8	9.4	7.4	5.2	2.6	0.0
75°	20.0	16.0	11.5	8.9	6.2	3.1	0.0
72.5°	24.8	20.1	15.0	10.4	7.2	3.6	0.0
70°	29.7	24.2	18.4	12.0	8.2	4.1	0.0
67.5°	35.3	28.3	21.7	14.6	9.2	4.6	0.0
65°	40.9	32.8	25.1	17.2	10.1	5.1	0.0
62.5°	46.5	37.6	28.4	19.7	11.1	5.5	0.0
60°	52.0	42.3	31.6	22.2	12.0	6.0	0.0
57.5°	58.2	47.0	35.4	24.6	13.6	6.4	0.0
55°	64.5	51.7	39.2	27.0	15.2	6.9	0.0
52.5°	70.7	56.4	43.0	29.3	16.7	7.3	0.0
50°	76.8	61.5	46.6	31.6	18.2	7.7	0.0
47.5°	83.0	66.5	50.2	34.0	19.7	8.1	0.0
45°	90.2	71.4	53.7	36.6	21.1	8.5	0.0
42.5°	97.3	76.2	57.2	39.2	22.4	8.8	0.0
40°	104.3	80.9	60.7	41.5	23.7	9.2	0.0
37.5°	111.3	85.4	64.2	43.8	25.0	9.5	0.0
35°	118.1	90.5	67.7	45.8	26.2	9.8	0.0
32.5°	125.1	95.9	71.0	47.8	27.3	10.1	0.0
30°	132.6	101.1	74.1	49.6	28.3	10.4	0.0
27.5°	139.9	106.1	76.7	51.2	29.3	10.6	0.0
25°	146.8	110.9	79.1	52.7	30.2	10.9	0.0
22.5°	153.5	115.2	81.3	54.1	31.0	11.1	0.0
20°	159.8	118.5	83.4	55.3	31.8	11.3	0.0
17.5°	164.6	121.4	85.2	56.3	32.5	11.4	0.0
15°	168.1	123.8	86.9	57.2	33.1	11.6	0.0
12.5°	171.2	125.9	88.4	57.9	33.6	11.7	0.0
10°	173.7	127.6	89.6	58.5	34.1	11.8	0.0
7.5°	175.6	128.9	90.6	59.0	34.4	11.9	0.0
5°	177.1	129.8	91.4	59.2	34.7	12.0	0.0
2.5°	178.0	130.3	91.9	59.4	34.9	12.0	0.0
0°	178.3	130.4	92.2	59.4	35.0	12.0	0.0
-2.5°	178.0	130.3	91.9	59.4	34.9	12.0	0.0
-5°	177.1	129.8	91.4	59.2	34.7	12.0	0.0
-7.5°	175.6	128.9	90.6	59.0	34.4	11.9	0.0
-10°	173.7	127.6	89.6	58.5	34.1	11.8	0.0
-12.5°	171.2	125.9	88.4	57.9	33.6	11.7	0.0
-15°	168.1	123.8	86.9	57.2	33.1	11.6	0.0
-17.5°	164.6	121.4	85.2	56.3	32.5	11.4	0.0
-20°	159.8	118.5	83.4	55.3	31.8	11.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	153.5	115.2	81.3	54.1	31.0	11.1	0.0
-25°	146.8	110.9	79.1	52.7	30.2	10.9	0.0
-27.5°	139.9	106.1	76.7	51.2	29.3	10.6	0.0
-30°	132.6	101.1	74.1	49.6	28.3	10.4	0.0
-32.5°	125.1	95.9	71.0	47.8	27.3	10.1	0.0
-35°	118.1	90.5	67.7	45.8	26.2	9.8	0.0
-37.5°	111.3	85.4	64.2	43.8	25.0	9.5	0.0
-40°	104.3	80.9	60.7	41.5	23.7	9.2	0.0
-42.5°	97.3	76.2	57.2	39.2	22.4	8.8	0.0
-45°	90.2	71.4	53.7	36.6	21.1	8.5	0.0
-47.5°	83.0	66.5	50.2	34.0	19.7	8.1	0.0
-50°	76.8	61.5	46.6	31.6	18.2	7.7	0.0
-52.5°	70.7	56.4	43.0	29.3	16.7	7.3	0.0
-55°	64.5	51.7	39.2	27.0	15.2	6.9	0.0
-57.5°	58.2	47.0	35.4	24.6	13.6	6.4	0.0
-60°	52.0	42.3	31.6	22.2	12.0	6.0	0.0
-62.5°	46.5	37.6	28.4	19.7	11.1	5.5	0.0
-65°	40.9	32.8	25.1	17.2	10.1	5.1	0.0
-67.5°	35.3	28.3	21.7	14.6	9.2	4.6	0.0
-70°	29.7	24.2	18.4	12.0	8.2	4.1	0.0
-72.5°	24.8	20.1	15.0	10.4	7.2	3.6	0.0
-75°	20.0	16.0	11.5	8.9	6.2	3.1	0.0
-77.5°	15.2	11.8	9.4	7.4	5.2	2.6	0.0
-80°	10.3	8.9	7.5	5.9	4.2	2.1	0.0
-82.5°	7.5	6.7	5.6	4.5	3.1	1.6	0.0
-85°	5.0	4.4	3.8	3.0	2.1	1.0	0.0
-87.5°	2.5	2.2	1.9	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)