

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: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558614 (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-SA1E-940-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

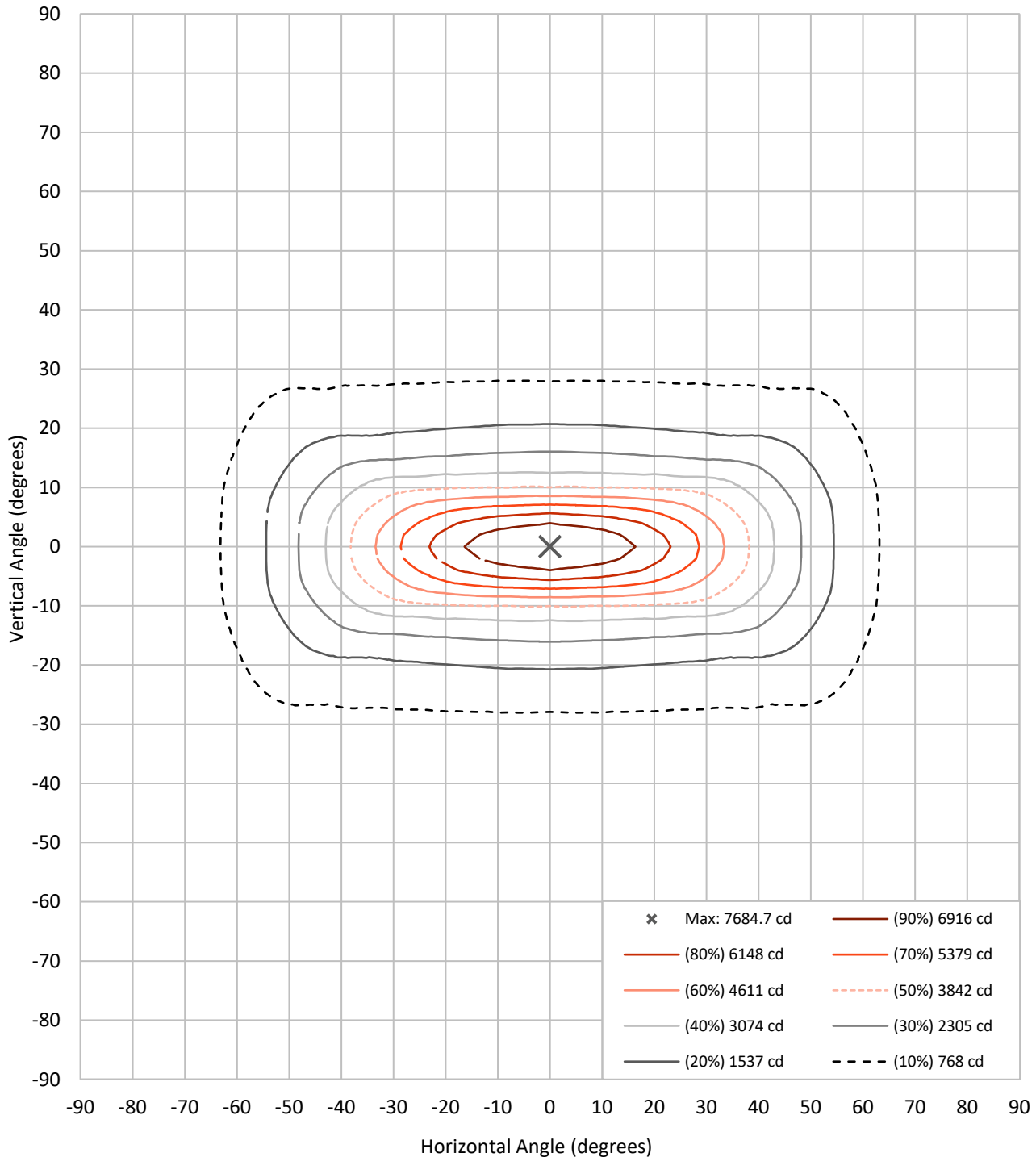
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	5503.6 lumens	Max Intensity:	7684.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	2202 lumens	Field Lumens:	4510.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 64
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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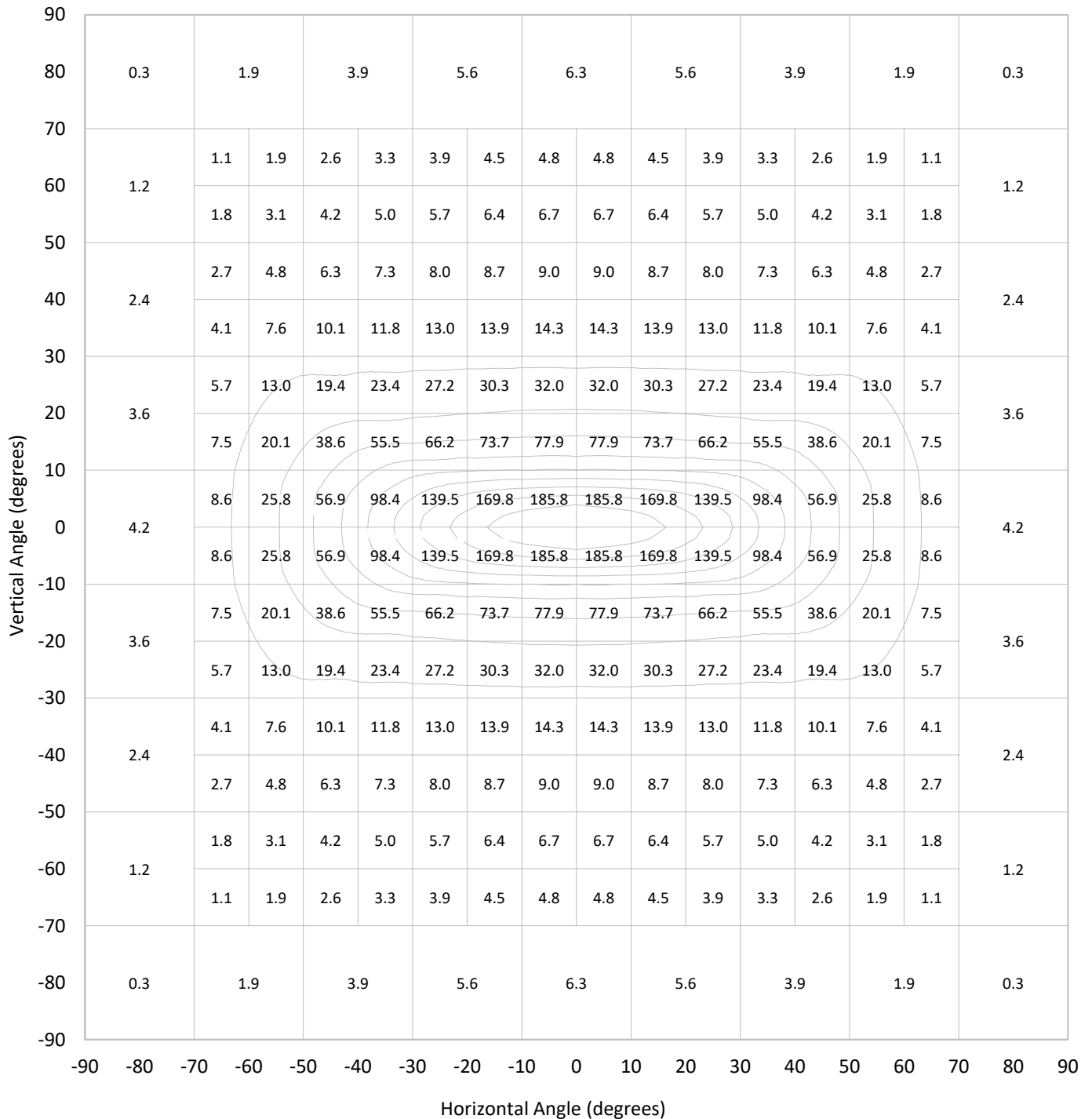
Iso-Candela Plot





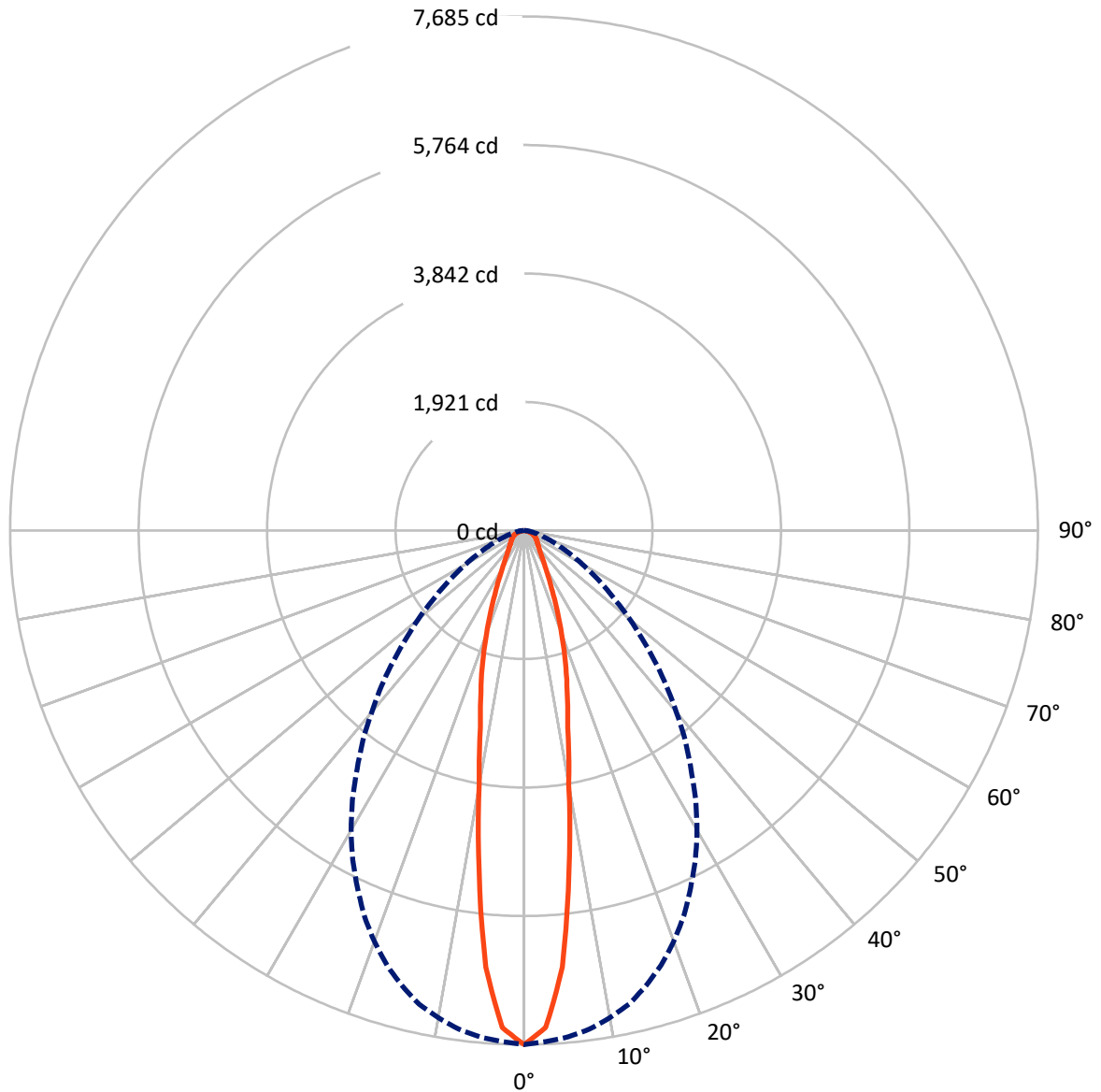
REPORT NUMBER: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
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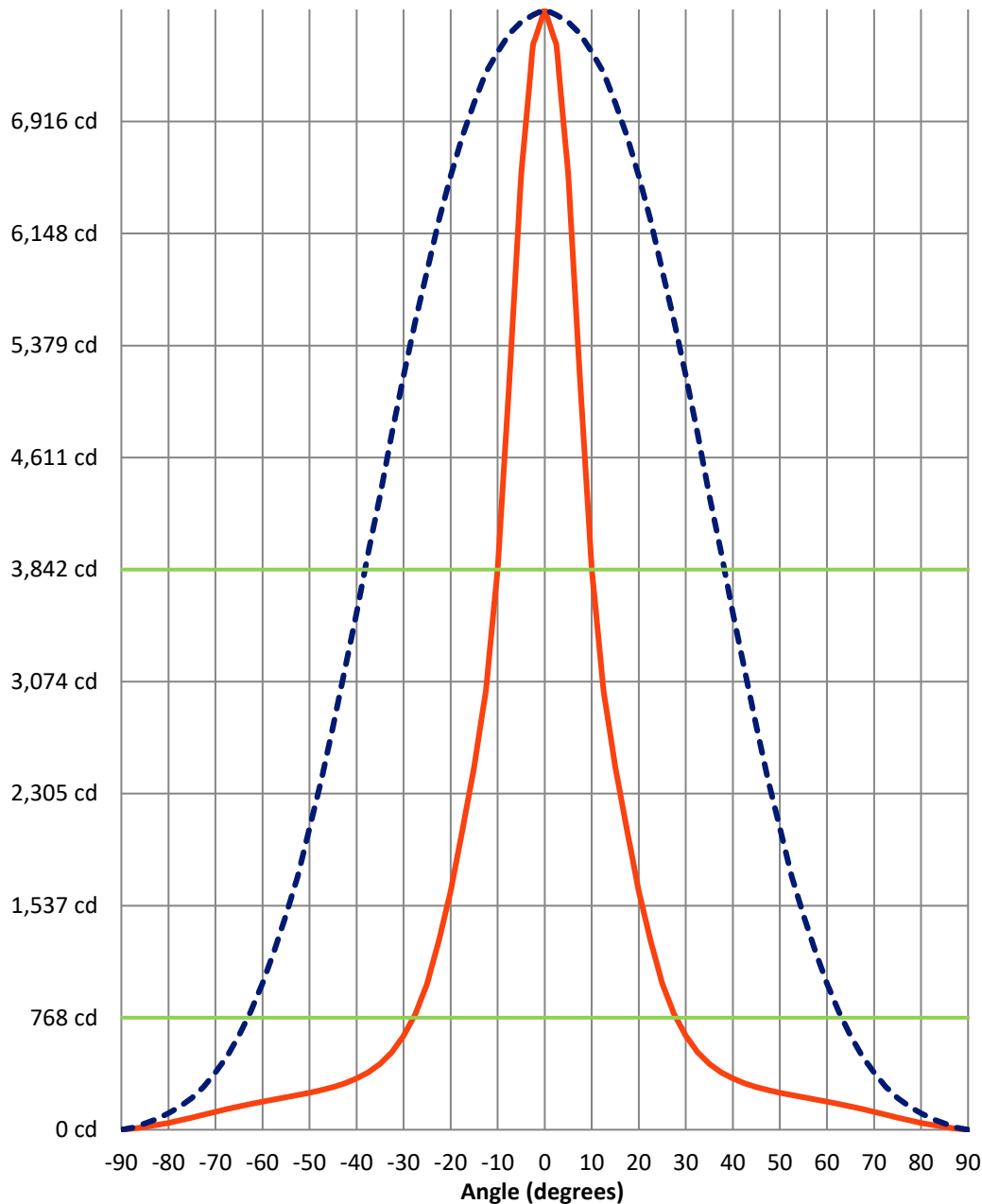
Luminous Intensity Polar Plot



— 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: 2202
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 4510.8
 Efficiency: 82.0%

Spill:
 Lumens: 992.8
 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	0.6	1.3	1.8	2.3	2.7	3.1	3.5	3.8	4.2	4.5
85°	0.0	1.3	2.6	3.6	4.6	5.4	6.1	6.9	7.7	8.4	9.0
82.5°	0.0	1.9	3.8	5.5	6.9	8.1	9.2	10.4	11.8	14.1	16.1
80°	0.0	2.6	5.1	7.3	9.2	10.8	12.6	16.0	19.2	22.1	24.7
77.5°	0.0	3.2	6.4	9.1	11.5	14.4	18.5	22.7	26.6	30.1	33.4
75°	0.0	3.8	7.6	10.9	14.1	19.5	24.5	29.4	34.0	38.7	42.8
72.5°	0.0	4.4	8.8	12.7	18.3	24.6	30.4	36.3	42.3	47.6	52.1
70°	0.0	5.0	10.0	14.7	22.5	29.7	36.4	43.9	50.7	56.6	62.4
67.5°	0.0	5.6	11.2	17.9	26.6	34.7	43.2	51.5	59.0	66.8	73.1
65°	0.0	6.2	12.4	21.0	30.7	40.1	50.1	59.0	68.7	77.1	84.4
62.5°	0.0	6.8	13.6	24.1	34.7	46.0	56.8	67.5	78.4	87.8	97.4
60°	0.0	7.3	14.7	27.2	38.7	51.8	63.6	76.4	88.1	100.0	110.4
57.5°	0.0	7.9	16.7	30.2	43.4	57.5	71.3	85.3	99.0	112.2	124.5
55°	0.0	8.4	18.6	33.1	48.0	63.2	79.0	94.2	110.1	124.8	139.5
52.5°	0.0	8.9	20.5	36.0	52.6	69.0	86.6	104.1	121.3	139.2	154.8
50°	0.0	9.4	22.4	38.8	57.1	75.3	94.0	114.1	133.0	153.8	173.0
47.5°	0.0	9.9	24.1	41.6	61.5	81.4	101.6	124.2	146.5	168.6	192.1
45°	0.0	10.4	25.9	44.8	65.8	87.4	110.4	134.4	160.2	186.7	212.0
42.5°	0.0	10.8	27.5	48.0	69.9	93.3	119.0	145.6	174.0	205.2	234.6
40°	0.0	11.3	29.1	50.9	74.2	99.0	127.6	157.5	188.6	224.1	258.3
37.5°	0.0	11.7	30.6	53.6	78.6	104.5	136.1	169.3	205.3	243.9	282.9
35°	0.0	12.0	32.1	56.1	82.8	110.8	144.5	180.9	221.9	265.8	309.5
32.5°	0.0	12.4	33.4	58.5	86.8	117.4	153.1	192.3	238.3	288.0	338.8
30°	0.0	12.7	34.7	60.7	90.7	123.7	162.3	204.0	254.6	310.4	368.7
27.5°	0.0	13.0	35.9	62.7	93.9	129.9	171.1	217.2	271.6	332.8	399.2
25°	0.0	13.3	37.0	64.5	96.8	135.7	179.6	230.1	290.0	357.3	430.1
22.5°	0.0	13.6	38.0	66.2	99.5	141.0	187.8	242.5	308.1	382.6	463.9
20°	0.0	13.8	39.0	67.6	102.0	145.0	195.5	254.5	325.6	407.5	497.4
17.5°	0.0	14.0	39.8	68.9	104.3	148.5	201.4	265.8	342.6	431.9	530.4
15°	0.0	14.2	40.6	70.0	106.3	151.5	205.7	274.7	358.9	455.5	562.6
12.5°	0.0	14.4	41.2	70.9	108.1	154.1	209.4	280.5	370.5	478.2	593.6
10°	0.0	14.5	41.8	71.6	109.6	156.1	212.5	285.3	377.9	488.8	617.8
7.5°	0.0	14.6	42.2	72.2	110.8	157.7	214.9	289.1	383.9	495.9	628.7
5°	0.0	14.6	42.5	72.5	111.8	158.8	216.7	291.9	388.5	500.7	637.2
2.5°	0.0	14.7	42.8	72.7	112.4	159.4	217.8	293.6	391.5	503.4	643.1
0°	0.0	14.7	42.9	72.7	112.8	159.6	218.2	294.3	393.0	504.1	646.2
-2.5°	0.0	14.7	42.8	72.7	112.4	159.4	217.8	293.6	391.5	503.4	643.1
-5°	0.0	14.6	42.5	72.5	111.8	158.8	216.7	291.9	388.5	500.7	637.2
-7.5°	0.0	14.6	42.2	72.2	110.8	157.7	214.9	289.1	383.9	495.9	628.7
-10°	0.0	14.5	41.8	71.6	109.6	156.1	212.5	285.3	377.9	488.8	617.8
-12.5°	0.0	14.4	41.2	70.9	108.1	154.1	209.4	280.5	370.5	478.2	593.6
-15°	0.0	14.2	40.6	70.0	106.3	151.5	205.7	274.7	358.9	455.5	562.6
-17.5°	0.0	14.0	39.8	68.9	104.3	148.5	201.4	265.8	342.6	431.9	530.4
-20°	0.0	13.8	39.0	67.6	102.0	145.0	195.5	254.5	325.6	407.5	497.4



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.6	38.0	66.2	99.5	141.0	187.8	242.5	308.1	382.6	463.9
-25°	0.0	13.3	37.0	64.5	96.8	135.7	179.6	230.1	290.0	357.3	430.1
-27.5°	0.0	13.0	35.9	62.7	93.9	129.9	171.1	217.2	271.6	332.8	399.2
-30°	0.0	12.7	34.7	60.7	90.7	123.7	162.3	204.0	254.6	310.4	368.7
-32.5°	0.0	12.4	33.4	58.5	86.8	117.4	153.1	192.3	238.3	288.0	338.8
-35°	0.0	12.0	32.1	56.1	82.8	110.8	144.5	180.9	221.9	265.8	309.5
-37.5°	0.0	11.7	30.6	53.6	78.6	104.5	136.1	169.3	205.3	243.9	282.9
-40°	0.0	11.3	29.1	50.9	74.2	99.0	127.6	157.5	188.6	224.1	258.3
-42.5°	0.0	10.8	27.5	48.0	69.9	93.3	119.0	145.6	174.0	205.2	234.6
-45°	0.0	10.4	25.9	44.8	65.8	87.4	110.4	134.4	160.2	186.7	212.0
-47.5°	0.0	9.9	24.1	41.6	61.5	81.4	101.6	124.2	146.5	168.6	192.1
-50°	0.0	9.4	22.4	38.8	57.1	75.3	94.0	114.1	133.0	153.8	173.0
-52.5°	0.0	8.9	20.5	36.0	52.6	69.0	86.6	104.1	121.3	139.2	154.8
-55°	0.0	8.4	18.6	33.1	48.0	63.2	79.0	94.2	110.1	124.8	139.5
-57.5°	0.0	7.9	16.7	30.2	43.4	57.5	71.3	85.3	99.0	112.2	124.5
-60°	0.0	7.3	14.7	27.2	38.7	51.8	63.6	76.4	88.1	100.0	110.4
-62.5°	0.0	6.8	13.6	24.1	34.7	46.0	56.8	67.5	78.4	87.8	97.4
-65°	0.0	6.2	12.4	21.0	30.7	40.1	50.1	59.0	68.7	77.1	84.4
-67.5°	0.0	5.6	11.2	17.9	26.6	34.7	43.2	51.5	59.0	66.8	73.1
-70°	0.0	5.0	10.0	14.7	22.5	29.7	36.4	43.9	50.7	56.6	62.4
-72.5°	0.0	4.4	8.8	12.7	18.3	24.6	30.4	36.3	42.3	47.6	52.1
-75°	0.0	3.8	7.6	10.9	14.1	19.5	24.5	29.4	34.0	38.7	42.8
-77.5°	0.0	3.2	6.4	9.1	11.5	14.4	18.5	22.7	26.6	30.1	33.4
-80°	0.0	2.6	5.1	7.3	9.2	10.8	12.6	16.0	19.2	22.1	24.7
-82.5°	0.0	1.9	3.8	5.5	6.9	8.1	9.2	10.4	11.8	14.1	16.1
-85°	0.0	1.3	2.6	3.6	4.6	5.4	6.1	6.9	7.7	8.4	9.0
-87.5°	0.0	0.6	1.3	1.8	2.3	2.7	3.1	3.5	3.8	4.2	4.5
-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):

	-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°	4.9	5.2	5.5	5.8	6.1	6.3	6.6	6.8	7.1	7.4	7.6
85°	9.7	10.4	11.5	12.4	13.3	14.0	14.7	15.2	15.7	16.2	16.6
82.5°	17.9	19.4	20.6	21.5	22.6	23.5	24.2	24.9	25.6	26.3	26.9
80°	26.8	28.5	30.3	31.8	33.3	34.5	35.2	35.5	36.4	37.5	38.7
77.5°	36.4	39.0	41.2	43.2	44.8	46.2	47.2	47.8	49.3	50.9	52.4
75°	46.3	49.4	52.6	55.4	57.5	59.2	60.3	61.3	63.0	65.2	67.0
72.5°	56.6	60.8	64.6	67.8	70.7	73.0	74.7	75.8	77.5	80.0	82.0
70°	67.4	72.3	77.4	81.5	84.6	87.3	89.5	91.0	92.5	95.1	97.0
67.5°	78.7	85.6	91.2	95.6	99.1	102.4	104.8	106.5	107.2	109.8	111.9
65°	91.9	99.3	105.6	110.5	114.0	118.0	120.8	122.2	122.6	125.4	128.1
62.5°	105.3	113.6	120.5	126.2	130.7	134.5	137.6	139.3	139.6	141.7	144.8
60°	119.8	128.2	136.4	143.2	148.0	152.0	155.3	157.2	157.6	158.4	161.9
57.5°	134.8	143.9	153.4	161.1	166.7	170.0	173.6	175.7	176.5	176.0	179.6
55°	151.1	160.5	171.3	180.2	186.3	189.2	192.6	195.6	196.6	196.0	198.1
52.5°	169.6	179.0	190.5	200.3	207.0	210.6	213.0	216.6	218.2	217.4	217.0
50°	189.0	200.8	210.4	221.6	229.7	234.4	234.5	238.8	241.0	240.3	237.4
47.5°	211.0	224.4	231.6	244.4	255.0	260.5	260.9	262.6	265.2	265.9	263.4
45°	234.8	251.1	258.8	270.2	282.1	288.8	290.9	287.7	292.4	293.9	292.3
42.5°	259.8	280.6	292.8	297.4	311.2	320.6	324.2	322.0	321.7	325.0	324.9
40°	288.7	312.6	330.9	335.7	342.7	355.6	363.2	362.8	354.2	360.3	361.9
37.5°	319.6	350.6	373.2	383.3	378.0	395.2	406.3	410.9	405.5	399.5	406.3
35°	352.1	391.3	421.8	439.0	439.7	439.4	456.8	466.2	466.8	455.8	458.3
32.5°	388.5	434.5	474.9	502.7	515.3	507.5	512.1	531.7	541.3	537.2	521.4
30°	427.6	484.1	533.6	572.7	600.9	609.2	590.5	605.8	627.1	635.7	628.8
27.5°	467.1	536.6	599.4	653.7	697.3	725.0	725.6	701.9	726.1	746.7	754.6
25°	507.2	589.2	669.2	742.8	808.8	856.3	878.2	880.7	846.8	877.6	906.4
22.5°	550.0	643.3	738.3	837.7	929.7	999.4	1052.5	1084.4	1083.4	1051.0	1076.3
20°	595.3	702.2	812.8	930.7	1056.1	1152.1	1240.9	1308.9	1349.8	1363.4	1336.9
17.5°	640.5	761.6	891.0	1031.4	1176.6	1309.6	1442.8	1551.2	1637.2	1707.7	1732.9
15°	685.2	820.9	969.6	1132.9	1300.6	1467.1	1638.3	1804.4	1950.7	2079.7	2156.2
12.5°	728.8	879.4	1047.5	1233.8	1426.4	1626.7	1831.1	2033.4	2244.1	2453.2	2612.1
10°	770.8	936.3	1123.8	1333.0	1552.0	1786.4	2023.5	2263.6	2519.5	2766.1	3003.5
7.5°	788.8	973.5	1189.5	1429.1	1675.5	1943.5	2212.9	2491.7	2790.8	3078.5	3368.4
5°	799.9	988.3	1208.0	1457.6	1731.7	2046.1	2367.5	2712.9	3054.1	3385.4	3726.9
2.5°	807.3	998.4	1220.3	1468.9	1740.1	2062.9	2388.4	2747.0	3129.9	3512.9	3919.5
0°	810.9	1003.7	1226.5	1472.3	1739.0	2068.3	2396.5	2766.4	3154.4	3544.0	3960.2
-2.5°	807.3	998.4	1220.3	1468.9	1740.1	2062.9	2388.4	2747.0	3129.9	3512.9	3919.5
-5°	799.9	988.3	1208.0	1457.6	1731.7	2046.1	2367.5	2712.9	3054.1	3385.4	3726.9
-7.5°	788.8	973.5	1189.5	1429.1	1675.5	1943.5	2212.9	2491.7	2790.8	3078.5	3368.4
-10°	770.8	936.3	1123.8	1333.0	1552.0	1786.4	2023.5	2263.6	2519.5	2766.1	3003.5
-12.5°	728.8	879.4	1047.5	1233.8	1426.4	1626.7	1831.1	2033.4	2244.1	2453.2	2612.1
-15°	685.2	820.9	969.6	1132.9	1300.6	1467.1	1638.3	1804.4	1950.7	2079.7	2156.2
-17.5°	640.5	761.6	891.0	1031.4	1176.6	1309.6	1442.8	1551.2	1637.2	1707.7	1732.9
-20°	595.3	702.2	812.8	930.7	1056.1	1152.1	1240.9	1308.9	1349.8	1363.4	1336.9



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	550.0	643.3	738.3	837.7	929.7	999.4	1052.5	1084.4	1083.4	1051.0	1076.3
-25°	507.2	589.2	669.2	742.8	808.8	856.3	878.2	880.7	846.8	877.6	906.4
-27.5°	467.1	536.6	599.4	653.7	697.3	725.0	725.6	701.9	726.1	746.7	754.6
-30°	427.6	484.1	533.6	572.7	600.9	609.2	590.5	605.8	627.1	635.7	628.8
-32.5°	388.5	434.5	474.9	502.7	515.3	507.5	512.1	531.7	541.3	537.2	521.4
-35°	352.1	391.3	421.8	439.0	439.7	439.4	456.8	466.2	466.8	455.8	458.3
-37.5°	319.6	350.6	373.2	383.3	378.0	395.2	406.3	410.9	405.5	399.5	406.3
-40°	288.7	312.6	330.9	335.7	342.7	355.6	363.2	362.8	354.2	360.3	361.9
-42.5°	259.8	280.6	292.8	297.4	311.2	320.6	324.2	322.0	321.7	325.0	324.9
-45°	234.8	251.1	258.8	270.2	282.1	288.8	290.9	287.7	292.4	293.9	292.3
-47.5°	211.0	224.4	231.6	244.4	255.0	260.5	260.9	262.6	265.2	265.9	263.4
-50°	189.0	200.8	210.4	221.6	229.7	234.4	234.5	238.8	241.0	240.3	237.4
-52.5°	169.6	179.0	190.5	200.3	207.0	210.6	213.0	216.6	218.2	217.4	217.0
-55°	151.1	160.5	171.3	180.2	186.3	189.2	192.6	195.6	196.6	196.0	198.1
-57.5°	134.8	143.9	153.4	161.1	166.7	170.0	173.6	175.7	176.5	176.0	179.6
-60°	119.8	128.2	136.4	143.2	148.0	152.0	155.3	157.2	157.6	158.4	161.9
-62.5°	105.3	113.6	120.5	126.2	130.7	134.5	137.6	139.3	139.6	141.7	144.8
-65°	91.9	99.3	105.6	110.5	114.0	118.0	120.8	122.2	122.6	125.4	128.1
-67.5°	78.7	85.6	91.2	95.6	99.1	102.4	104.8	106.5	107.2	109.8	111.9
-70°	67.4	72.3	77.4	81.5	84.6	87.3	89.5	91.0	92.5	95.1	97.0
-72.5°	56.6	60.8	64.6	67.8	70.7	73.0	74.7	75.8	77.5	80.0	82.0
-75°	46.3	49.4	52.6	55.4	57.5	59.2	60.3	61.3	63.0	65.2	67.0
-77.5°	36.4	39.0	41.2	43.2	44.8	46.2	47.2	47.8	49.3	50.9	52.4
-80°	26.8	28.5	30.3	31.8	33.3	34.5	35.2	35.5	36.4	37.5	38.7
-82.5°	17.9	19.4	20.6	21.5	22.6	23.5	24.2	24.9	25.6	26.3	26.9
-85°	9.7	10.4	11.5	12.4	13.3	14.0	14.7	15.2	15.7	16.2	16.6
-87.5°	4.9	5.2	5.5	5.8	6.1	6.3	6.6	6.8	7.1	7.4	7.6
-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: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-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°	7.9	7.7	7.6	7.4	7.2	7.2	7.1	7.1	7.1	7.0	6.9
85°	16.8	17.1	17.4	17.7	18.0	18.3	18.5	18.7	18.9	18.8	18.8
82.5°	27.4	28.3	29.2	30.0	30.9	31.3	31.6	31.8	31.9	32.2	32.4
80°	39.7	41.1	42.3	43.3	44.1	44.7	45.2	45.6	45.9	46.3	46.5
77.5°	53.7	55.2	56.6	57.9	58.9	59.9	60.8	61.5	62.0	62.7	63.5
75°	68.5	70.2	72.0	73.6	75.0	76.5	77.9	79.3	80.5	81.5	82.3
72.5°	83.6	85.4	87.6	89.6	91.5	93.5	95.4	97.2	98.7	100.1	101.3
70°	98.5	100.1	102.9	105.6	108.2	110.6	113.0	115.1	117.0	118.8	120.4
67.5°	113.8	115.5	119.0	122.2	125.0	127.6	130.4	132.9	135.0	136.9	138.6
65°	130.2	131.7	135.5	138.9	141.9	144.4	147.3	150.0	152.4	154.5	156.3
62.5°	147.1	148.7	151.8	155.2	158.0	160.4	163.9	166.9	169.4	171.6	173.4
60°	164.3	165.6	168.0	171.8	174.9	177.5	180.6	183.5	186.0	188.1	190.0
57.5°	182.1	183.5	184.7	188.4	191.4	193.7	196.4	199.3	201.8	203.8	205.7
55°	200.6	201.6	201.2	204.7	207.5	209.5	211.5	214.5	216.9	218.7	220.5
52.5°	219.4	220.7	219.8	221.3	224.4	226.1	227.0	230.3	232.7	234.3	235.9
50°	240.4	241.4	240.6	239.8	242.8	244.6	245.1	247.8	250.0	251.3	252.4
47.5°	263.2	264.4	263.8	260.5	263.2	265.5	265.5	266.7	269.0	269.9	270.6
45°	287.9	290.3	289.8	287.5	287.1	289.4	289.2	288.3	291.0	292.1	292.5
42.5°	320.4	319.6	320.4	319.1	315.0	317.6	317.9	314.5	317.9	319.4	318.5
40°	360.2	352.9	356.9	356.3	352.5	351.9	354.0	351.3	351.8	353.8	352.2
37.5°	407.4	402.2	400.1	401.9	400.8	395.9	399.8	398.8	395.7	399.2	397.7
35°	465.7	464.1	452.4	459.6	461.1	456.4	457.7	459.7	453.0	458.3	457.7
32.5°	533.7	537.2	534.7	530.3	536.9	537.8	530.1	539.3	535.6	536.9	540.6
30°	610.9	628.6	637.2	629.4	633.6	641.8	638.0	644.5	647.5	642.8	651.8
27.5°	745.6	739.3	759.9	768.9	759.3	774.2	785.2	780.3	796.3	786.9	800.4
25°	916.7	907.5	913.0	942.7	949.2	941.6	972.4	976.0	988.6	990.2	999.6
22.5°	1117.8	1140.1	1137.5	1146.5	1183.8	1196.2	1207.6	1237.2	1230.4	1257.2	1261.9
20°	1342.6	1398.6	1437.1	1445.2	1461.2	1504.0	1523.7	1547.0	1562.6	1588.0	1609.5
17.5°	1723.0	1694.3	1770.0	1817.5	1842.4	1851.4	1903.0	1919.8	1958.5	1980.7	2002.7
15°	2211.4	2228.1	2194.0	2239.3	2315.8	2341.6	2311.9	2381.2	2400.7	2438.0	2444.6
12.5°	2733.5	2818.0	2859.4	2870.6	2830.7	2939.5	2983.0	2928.4	2990.4	2979.2	3030.2
10°	3231.6	3436.9	3559.8	3646.2	3698.8	3730.5	3761.9	3818.4	3819.4	3861.3	3836.8
7.5°	3640.5	3900.8	4149.5	4390.7	4583.7	4691.9	4776.8	4858.3	4967.0	5019.1	5052.9
5°	4040.6	4340.9	4638.4	4930.9	5195.7	5450.5	5700.2	5916.8	6031.6	6165.7	6285.3
2.5°	4299.3	4679.2	5059.2	5435.6	5741.6	6022.4	6282.3	6523.7	6735.4	6931.3	7096.7
0°	4349.8	4775.0	5171.4	5547.0	5891.5	6238.3	6541.1	6814.0	7044.6	7252.7	7393.1
-2.5°	4299.3	4679.2	5059.2	5435.6	5741.6	6022.4	6282.3	6523.7	6735.4	6931.3	7096.7
-5°	4040.6	4340.9	4638.4	4930.9	5195.7	5450.5	5700.2	5916.8	6031.6	6165.7	6285.3
-7.5°	3640.5	3900.8	4149.5	4390.7	4583.7	4691.9	4776.8	4858.3	4967.0	5019.1	5052.9
-10°	3231.6	3436.9	3559.8	3646.2	3698.8	3730.5	3761.9	3818.4	3819.4	3861.3	3836.8
-12.5°	2733.5	2818.0	2859.4	2870.6	2830.7	2939.5	2983.0	2928.4	2990.4	2979.2	3030.2
-15°	2211.4	2228.1	2194.0	2239.3	2315.8	2341.6	2311.9	2381.2	2400.7	2438.0	2444.6
-17.5°	1723.0	1694.3	1770.0	1817.5	1842.4	1851.4	1903.0	1919.8	1958.5	1980.7	2002.7
-20°	1342.6	1398.6	1437.1	1445.2	1461.2	1504.0	1523.7	1547.0	1562.6	1588.0	1609.5



REPORT NUMBER: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1117.8	1140.1	1137.5	1146.5	1183.8	1196.2	1207.6	1237.2	1230.4	1257.2	1261.9
-25°	916.7	907.5	913.0	942.7	949.2	941.6	972.4	976.0	988.6	990.2	999.6
-27.5°	745.6	739.3	759.9	768.9	759.3	774.2	785.2	780.3	796.3	786.9	800.4
-30°	610.9	628.6	637.2	629.4	633.6	641.8	638.0	644.5	647.5	642.8	651.8
-32.5°	533.7	537.2	534.7	530.3	536.9	537.8	530.1	539.3	535.6	536.9	540.6
-35°	465.7	464.1	452.4	459.6	461.1	456.4	457.7	459.7	453.0	458.3	457.7
-37.5°	407.4	402.2	400.1	401.9	400.8	395.9	399.8	398.8	395.7	399.2	397.7
-40°	360.2	352.9	356.9	356.3	352.5	351.9	354.0	351.3	351.8	353.8	352.2
-42.5°	320.4	319.6	320.4	319.1	315.0	317.6	317.9	314.5	317.9	319.4	318.5
-45°	287.9	290.3	289.8	287.5	287.1	289.4	289.2	288.3	291.0	292.1	292.5
-47.5°	263.2	264.4	263.8	260.5	263.2	265.5	265.5	266.7	269.0	269.9	270.6
-50°	240.4	241.4	240.6	239.8	242.8	244.6	245.1	247.8	250.0	251.3	252.4
-52.5°	219.4	220.7	219.8	221.3	224.4	226.1	227.0	230.3	232.7	234.3	235.9
-55°	200.6	201.6	201.2	204.7	207.5	209.5	211.5	214.5	216.9	218.7	220.5
-57.5°	182.1	183.5	184.7	188.4	191.4	193.7	196.4	199.3	201.8	203.8	205.7
-60°	164.3	165.6	168.0	171.8	174.9	177.5	180.6	183.5	186.0	188.1	190.0
-62.5°	147.1	148.7	151.8	155.2	158.0	160.4	163.9	166.9	169.4	171.6	173.4
-65°	130.2	131.7	135.5	138.9	141.9	144.4	147.3	150.0	152.4	154.5	156.3
-67.5°	113.8	115.5	119.0	122.2	125.0	127.6	130.4	132.9	135.0	136.9	138.6
-70°	98.5	100.1	102.9	105.6	108.2	110.6	113.0	115.1	117.0	118.8	120.4
-72.5°	83.6	85.4	87.6	89.6	91.5	93.5	95.4	97.2	98.7	100.1	101.3
-75°	68.5	70.2	72.0	73.6	75.0	76.5	77.9	79.3	80.5	81.5	82.3
-77.5°	53.7	55.2	56.6	57.9	58.9	59.9	60.8	61.5	62.0	62.7	63.5
-80°	39.7	41.1	42.3	43.3	44.1	44.7	45.2	45.6	45.9	46.3	46.5
-82.5°	27.4	28.3	29.2	30.0	30.9	31.3	31.6	31.8	31.9	32.2	32.4
-85°	16.8	17.1	17.4	17.7	18.0	18.3	18.5	18.7	18.9	18.8	18.8
-87.5°	7.9	7.7	7.6	7.4	7.2	7.2	7.1	7.1	7.1	7.0	6.9
-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: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.9	6.8	7.0	7.3	7.0	6.8	6.9	6.9	7.0	7.1	7.1
85°	18.7	18.5	18.9	19.2	18.9	18.5	18.7	18.8	18.8	18.9	18.7
82.5°	32.5	32.5	32.7	32.7	32.7	32.5	32.5	32.4	32.2	31.9	31.8
80°	46.6	46.6	46.5	46.2	46.5	46.6	46.6	46.5	46.3	45.9	45.6
77.5°	64.0	64.5	64.7	64.8	64.7	64.5	64.0	63.5	62.7	62.0	61.5
75°	82.8	83.1	83.1	82.9	83.1	83.1	82.8	82.3	81.5	80.5	79.3
72.5°	102.4	103.2	103.4	103.2	103.4	103.2	102.4	101.3	100.1	98.7	97.2
70°	121.8	122.8	122.8	122.4	122.8	122.8	121.8	120.4	118.8	117.0	115.1
67.5°	139.9	140.8	141.6	142.1	141.6	140.8	139.9	138.6	136.9	135.0	132.9
65°	157.8	158.8	159.4	159.6	159.4	158.8	157.8	156.3	154.5	152.4	150.0
62.5°	174.8	175.7	176.3	176.5	176.3	175.7	174.8	173.4	171.6	169.4	166.9
60°	191.5	192.5	192.7	192.3	192.7	192.5	191.5	190.0	188.1	186.0	183.5
57.5°	207.2	208.3	208.3	207.5	208.3	208.3	207.2	205.7	203.8	201.8	199.3
55°	221.8	222.6	222.8	222.7	222.8	222.6	221.8	220.5	218.7	216.9	214.5
52.5°	237.2	237.8	238.1	238.0	238.1	237.8	237.2	235.9	234.3	232.7	230.3
50°	253.2	253.3	253.2	253.2	253.2	253.3	253.2	252.4	251.3	250.0	247.8
47.5°	271.6	271.8	271.8	271.8	271.8	271.8	271.6	270.6	269.9	269.0	266.7
45°	293.3	292.7	292.1	292.1	292.1	292.7	293.3	292.5	292.1	291.0	288.3
42.5°	319.3	318.6	317.8	318.0	317.8	318.6	319.3	318.5	319.4	317.9	314.5
40°	353.6	353.5	352.3	351.9	352.3	353.5	353.6	352.2	353.8	351.8	351.3
37.5°	397.9	397.3	394.7	393.6	394.7	397.3	397.9	397.7	399.2	395.7	398.8
35°	456.2	455.3	451.4	451.7	451.4	455.3	456.2	457.7	458.3	453.0	459.7
32.5°	538.8	539.1	533.1	531.7	533.1	539.1	538.8	540.6	536.9	535.6	539.3
30°	646.2	648.6	641.6	644.5	641.6	648.6	646.2	651.8	642.8	647.5	644.5
27.5°	800.1	804.6	798.4	793.4	798.4	804.6	800.1	800.4	786.9	796.3	780.3
25°	1012.0	1015.3	1008.2	1002.0	1008.2	1015.3	1012.0	999.6	990.2	988.6	976.0
22.5°	1287.7	1287.5	1287.2	1296.9	1287.2	1287.5	1287.7	1261.9	1257.2	1230.4	1237.2
20°	1623.4	1615.2	1627.4	1635.3	1627.4	1615.2	1623.4	1609.5	1588.0	1562.6	1547.0
17.5°	2007.8	2023.1	2034.8	2054.2	2034.8	2023.1	2007.8	2002.7	1980.7	1958.5	1919.8
15°	2461.1	2484.2	2495.9	2489.6	2495.9	2484.2	2461.1	2444.6	2438.0	2400.7	2381.2
12.5°	3032.0	3059.5	3039.2	3014.0	3039.2	3059.5	3032.0	3030.2	2979.2	2990.4	2928.4
10°	3837.2	3896.3	3899.6	3850.2	3899.6	3896.3	3837.2	3836.8	3861.3	3819.4	3818.4
7.5°	5072.6	5101.3	5144.9	5147.2	5144.9	5101.3	5072.6	5052.9	5019.1	4967.0	4858.3
5°	6339.5	6416.1	6465.4	6550.7	6465.4	6416.1	6339.5	6285.3	6165.7	6031.6	5916.8
2.5°	7203.5	7302.5	7340.5	7437.1	7340.5	7302.5	7203.5	7096.7	6931.3	6735.4	6523.7
0°	7518.3	7598.4	7646.3	7684.7	7646.3	7598.4	7518.3	7393.1	7252.7	7044.6	6814.0
-2.5°	7203.5	7302.5	7340.5	7437.1	7340.5	7302.5	7203.5	7096.7	6931.3	6735.4	6523.7
-5°	6339.5	6416.1	6465.4	6550.7	6465.4	6416.1	6339.5	6285.3	6165.7	6031.6	5916.8
-7.5°	5072.6	5101.3	5144.9	5147.2	5144.9	5101.3	5072.6	5052.9	5019.1	4967.0	4858.3
-10°	3837.2	3896.3	3899.6	3850.2	3899.6	3896.3	3837.2	3836.8	3861.3	3819.4	3818.4
-12.5°	3032.0	3059.5	3039.2	3014.0	3039.2	3059.5	3032.0	3030.2	2979.2	2990.4	2928.4
-15°	2461.1	2484.2	2495.9	2489.6	2495.9	2484.2	2461.1	2444.6	2438.0	2400.7	2381.2
-17.5°	2007.8	2023.1	2034.8	2054.2	2034.8	2023.1	2007.8	2002.7	1980.7	1958.5	1919.8
-20°	1623.4	1615.2	1627.4	1635.3	1627.4	1615.2	1623.4	1609.5	1588.0	1562.6	1547.0



REPORT NUMBER: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-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°	1287.7	1287.5	1287.2	1296.9	1287.2	1287.5	1287.7	1261.9	1257.2	1230.4	1237.2
-25°	1012.0	1015.3	1008.2	1002.0	1008.2	1015.3	1012.0	999.6	990.2	988.6	976.0
-27.5°	800.1	804.6	798.4	793.4	798.4	804.6	800.1	800.4	786.9	796.3	780.3
-30°	646.2	648.6	641.6	644.5	641.6	648.6	646.2	651.8	642.8	647.5	644.5
-32.5°	538.8	539.1	533.1	531.7	533.1	539.1	538.8	540.6	536.9	535.6	539.3
-35°	456.2	455.3	451.4	451.7	451.4	455.3	456.2	457.7	458.3	453.0	459.7
-37.5°	397.9	397.3	394.7	393.6	394.7	397.3	397.9	397.7	399.2	395.7	398.8
-40°	353.6	353.5	352.3	351.9	352.3	353.5	353.6	352.2	353.8	351.8	351.3
-42.5°	319.3	318.6	317.8	318.0	317.8	318.6	319.3	318.5	319.4	317.9	314.5
-45°	293.3	292.7	292.1	292.1	292.1	292.7	293.3	292.5	292.1	291.0	288.3
-47.5°	271.6	271.8	271.8	271.8	271.8	271.8	271.6	270.6	269.9	269.0	266.7
-50°	253.2	253.3	253.2	253.2	253.2	253.3	253.2	252.4	251.3	250.0	247.8
-52.5°	237.2	237.8	238.1	238.0	238.1	237.8	237.2	235.9	234.3	232.7	230.3
-55°	221.8	222.6	222.8	222.7	222.8	222.6	221.8	220.5	218.7	216.9	214.5
-57.5°	207.2	208.3	208.3	207.5	208.3	208.3	207.2	205.7	203.8	201.8	199.3
-60°	191.5	192.5	192.7	192.3	192.7	192.5	191.5	190.0	188.1	186.0	183.5
-62.5°	174.8	175.7	176.3	176.5	176.3	175.7	174.8	173.4	171.6	169.4	166.9
-65°	157.8	158.8	159.4	159.6	159.4	158.8	157.8	156.3	154.5	152.4	150.0
-67.5°	139.9	140.8	141.6	142.1	141.6	140.8	139.9	138.6	136.9	135.0	132.9
-70°	121.8	122.8	122.8	122.4	122.8	122.8	121.8	120.4	118.8	117.0	115.1
-72.5°	102.4	103.2	103.4	103.2	103.4	103.2	102.4	101.3	100.1	98.7	97.2
-75°	82.8	83.1	83.1	82.9	83.1	83.1	82.8	82.3	81.5	80.5	79.3
-77.5°	64.0	64.5	64.7	64.8	64.7	64.5	64.0	63.5	62.7	62.0	61.5
-80°	46.6	46.6	46.5	46.2	46.5	46.6	46.6	46.5	46.3	45.9	45.6
-82.5°	32.5	32.5	32.7	32.7	32.7	32.5	32.5	32.4	32.2	31.9	31.8
-85°	18.7	18.5	18.9	19.2	18.9	18.5	18.7	18.8	18.8	18.9	18.7
-87.5°	6.9	6.8	7.0	7.3	7.0	6.8	6.9	6.9	7.0	7.1	7.1
-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: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-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°	7.1	7.2	7.2	7.4	7.6	7.7	7.9	7.6	7.4	7.1	6.8
85°	18.5	18.3	18.0	17.7	17.4	17.1	16.8	16.6	16.2	15.7	15.2
82.5°	31.6	31.3	30.9	30.0	29.2	28.3	27.4	26.9	26.3	25.6	24.9
80°	45.2	44.7	44.1	43.3	42.3	41.1	39.7	38.7	37.5	36.4	35.5
77.5°	60.8	59.9	58.9	57.9	56.6	55.2	53.7	52.4	50.9	49.3	47.8
75°	77.9	76.5	75.0	73.6	72.0	70.2	68.5	67.0	65.2	63.0	61.3
72.5°	95.4	93.5	91.5	89.6	87.6	85.4	83.6	82.0	80.0	77.5	75.8
70°	113.0	110.6	108.2	105.6	102.9	100.1	98.5	97.0	95.1	92.5	91.0
67.5°	130.4	127.6	125.0	122.2	119.0	115.5	113.8	111.9	109.8	107.2	106.5
65°	147.3	144.4	141.9	138.9	135.5	131.7	130.2	128.1	125.4	122.6	122.2
62.5°	163.9	160.4	158.0	155.2	151.8	148.7	147.1	144.8	141.7	139.6	139.3
60°	180.6	177.5	174.9	171.8	168.0	165.6	164.3	161.9	158.4	157.6	157.2
57.5°	196.4	193.7	191.4	188.4	184.7	183.5	182.1	179.6	176.0	176.5	175.7
55°	211.5	209.5	207.5	204.7	201.2	201.6	200.6	198.1	196.0	196.6	195.6
52.5°	227.0	226.1	224.4	221.3	219.8	220.7	219.4	217.0	217.4	218.2	216.6
50°	245.1	244.6	242.8	239.8	240.6	241.4	240.4	237.4	240.3	241.0	238.8
47.5°	265.5	265.5	263.2	260.5	263.8	264.4	263.2	263.4	265.9	265.2	262.6
45°	289.2	289.4	287.1	287.5	289.8	290.3	287.9	292.3	293.9	292.4	287.7
42.5°	317.9	317.6	315.0	319.1	320.4	319.6	320.4	324.9	325.0	321.7	322.0
40°	354.0	351.9	352.5	356.3	356.9	352.9	360.2	361.9	360.3	354.2	362.8
37.5°	399.8	395.9	400.8	401.9	400.1	402.2	407.4	406.3	399.5	405.5	410.9
35°	457.7	456.4	461.1	459.6	452.4	464.1	465.7	458.3	455.8	466.8	466.2
32.5°	530.1	537.8	536.9	530.3	534.7	537.2	533.7	521.4	537.2	541.3	531.7
30°	638.0	641.8	633.6	629.4	637.2	628.6	610.9	628.8	635.7	627.1	605.8
27.5°	785.2	774.2	759.3	768.9	759.9	739.3	745.6	754.6	746.7	726.1	701.9
25°	972.4	941.6	949.2	942.7	913.0	907.5	916.7	906.4	877.6	846.8	880.7
22.5°	1207.6	1196.2	1183.8	1146.5	1137.5	1140.1	1117.8	1076.3	1051.0	1083.4	1084.4
20°	1523.7	1504.0	1461.2	1445.2	1437.1	1398.6	1342.6	1336.9	1363.4	1349.8	1308.9
17.5°	1903.0	1851.4	1842.4	1817.5	1770.0	1694.3	1723.0	1732.9	1707.7	1637.2	1551.2
15°	2311.9	2341.6	2315.8	2239.3	2194.0	2228.1	2211.4	2156.2	2079.7	1950.7	1804.4
12.5°	2983.0	2939.5	2830.7	2870.6	2859.4	2818.0	2733.5	2612.1	2453.2	2244.1	2033.4
10°	3761.9	3730.5	3698.8	3646.2	3559.8	3436.9	3231.6	3003.5	2766.1	2519.5	2263.6
7.5°	4776.8	4691.9	4583.7	4390.7	4149.5	3900.8	3640.5	3368.4	3078.5	2790.8	2491.7
5°	5700.2	5450.5	5195.7	4930.9	4638.4	4340.9	4040.6	3726.9	3385.4	3054.1	2712.9
2.5°	6282.3	6022.4	5741.6	5435.6	5059.2	4679.2	4299.3	3919.5	3512.9	3129.9	2747.0
0°	6541.1	6238.3	5891.5	5547.0	5171.4	4775.0	4349.8	3960.2	3544.0	3154.4	2766.4
-2.5°	6282.3	6022.4	5741.6	5435.6	5059.2	4679.2	4299.3	3919.5	3512.9	3129.9	2747.0
-5°	5700.2	5450.5	5195.7	4930.9	4638.4	4340.9	4040.6	3726.9	3385.4	3054.1	2712.9
-7.5°	4776.8	4691.9	4583.7	4390.7	4149.5	3900.8	3640.5	3368.4	3078.5	2790.8	2491.7
-10°	3761.9	3730.5	3698.8	3646.2	3559.8	3436.9	3231.6	3003.5	2766.1	2519.5	2263.6
-12.5°	2983.0	2939.5	2830.7	2870.6	2859.4	2818.0	2733.5	2612.1	2453.2	2244.1	2033.4
-15°	2311.9	2341.6	2315.8	2239.3	2194.0	2228.1	2211.4	2156.2	2079.7	1950.7	1804.4
-17.5°	1903.0	1851.4	1842.4	1817.5	1770.0	1694.3	1723.0	1732.9	1707.7	1637.2	1551.2
-20°	1523.7	1504.0	1461.2	1445.2	1437.1	1398.6	1342.6	1336.9	1363.4	1349.8	1308.9



REPORT NUMBER: P558614 (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°	1207.6	1196.2	1183.8	1146.5	1137.5	1140.1	1117.8	1076.3	1051.0	1083.4	1084.4
-25°	972.4	941.6	949.2	942.7	913.0	907.5	916.7	906.4	877.6	846.8	880.7
-27.5°	785.2	774.2	759.3	768.9	759.9	739.3	745.6	754.6	746.7	726.1	701.9
-30°	638.0	641.8	633.6	629.4	637.2	628.6	610.9	628.8	635.7	627.1	605.8
-32.5°	530.1	537.8	536.9	530.3	534.7	537.2	533.7	521.4	537.2	541.3	531.7
-35°	457.7	456.4	461.1	459.6	452.4	464.1	465.7	458.3	455.8	466.8	466.2
-37.5°	399.8	395.9	400.8	401.9	400.1	402.2	407.4	406.3	399.5	405.5	410.9
-40°	354.0	351.9	352.5	356.3	356.9	352.9	360.2	361.9	360.3	354.2	362.8
-42.5°	317.9	317.6	315.0	319.1	320.4	319.6	320.4	324.9	325.0	321.7	322.0
-45°	289.2	289.4	287.1	287.5	289.8	290.3	287.9	292.3	293.9	292.4	287.7
-47.5°	265.5	265.5	263.2	260.5	263.8	264.4	263.2	263.4	265.9	265.2	262.6
-50°	245.1	244.6	242.8	239.8	240.6	241.4	240.4	237.4	240.3	241.0	238.8
-52.5°	227.0	226.1	224.4	221.3	219.8	220.7	219.4	217.0	217.4	218.2	216.6
-55°	211.5	209.5	207.5	204.7	201.2	201.6	200.6	198.1	196.0	196.6	195.6
-57.5°	196.4	193.7	191.4	188.4	184.7	183.5	182.1	179.6	176.0	176.5	175.7
-60°	180.6	177.5	174.9	171.8	168.0	165.6	164.3	161.9	158.4	157.6	157.2
-62.5°	163.9	160.4	158.0	155.2	151.8	148.7	147.1	144.8	141.7	139.6	139.3
-65°	147.3	144.4	141.9	138.9	135.5	131.7	130.2	128.1	125.4	122.6	122.2
-67.5°	130.4	127.6	125.0	122.2	119.0	115.5	113.8	111.9	109.8	107.2	106.5
-70°	113.0	110.6	108.2	105.6	102.9	100.1	98.5	97.0	95.1	92.5	91.0
-72.5°	95.4	93.5	91.5	89.6	87.6	85.4	83.6	82.0	80.0	77.5	75.8
-75°	77.9	76.5	75.0	73.6	72.0	70.2	68.5	67.0	65.2	63.0	61.3
-77.5°	60.8	59.9	58.9	57.9	56.6	55.2	53.7	52.4	50.9	49.3	47.8
-80°	45.2	44.7	44.1	43.3	42.3	41.1	39.7	38.7	37.5	36.4	35.5
-82.5°	31.6	31.3	30.9	30.0	29.2	28.3	27.4	26.9	26.3	25.6	24.9
-85°	18.5	18.3	18.0	17.7	17.4	17.1	16.8	16.6	16.2	15.7	15.2
-87.5°	7.1	7.2	7.2	7.4	7.6	7.7	7.9	7.6	7.4	7.1	6.8
-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: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5
85°	14.7	14.0	13.3	12.4	11.5	10.4	9.7	9.0	8.4	7.7	6.9
82.5°	24.2	23.5	22.6	21.5	20.6	19.4	17.9	16.1	14.1	11.8	10.4
80°	35.2	34.5	33.3	31.8	30.3	28.5	26.8	24.7	22.1	19.2	16.0
77.5°	47.2	46.2	44.8	43.2	41.2	39.0	36.4	33.4	30.1	26.6	22.7
75°	60.3	59.2	57.5	55.4	52.6	49.4	46.3	42.8	38.7	34.0	29.4
72.5°	74.7	73.0	70.7	67.8	64.6	60.8	56.6	52.1	47.6	42.3	36.3
70°	89.5	87.3	84.6	81.5	77.4	72.3	67.4	62.4	56.6	50.7	43.9
67.5°	104.8	102.4	99.1	95.6	91.2	85.6	78.7	73.1	66.8	59.0	51.5
65°	120.8	118.0	114.0	110.5	105.6	99.3	91.9	84.4	77.1	68.7	59.0
62.5°	137.6	134.5	130.7	126.2	120.5	113.6	105.3	97.4	87.8	78.4	67.5
60°	155.3	152.0	148.0	143.2	136.4	128.2	119.8	110.4	100.0	88.1	76.4
57.5°	173.6	170.0	166.7	161.1	153.4	143.9	134.8	124.5	112.2	99.0	85.3
55°	192.6	189.2	186.3	180.2	171.3	160.5	151.1	139.5	124.8	110.1	94.2
52.5°	213.0	210.6	207.0	200.3	190.5	179.0	169.6	154.8	139.2	121.3	104.1
50°	234.5	234.4	229.7	221.6	210.4	200.8	189.0	173.0	153.8	133.0	114.1
47.5°	260.9	260.5	255.0	244.4	231.6	224.4	211.0	192.1	168.6	146.5	124.2
45°	290.9	288.8	282.1	270.2	258.8	251.1	234.8	212.0	186.7	160.2	134.4
42.5°	324.2	320.6	311.2	297.4	292.8	280.6	259.8	234.6	205.2	174.0	145.6
40°	363.2	355.6	342.7	335.7	330.9	312.6	288.7	258.3	224.1	188.6	157.5
37.5°	406.3	395.2	378.0	383.3	373.2	350.6	319.6	282.9	243.9	205.3	169.3
35°	456.8	439.4	439.7	439.0	421.8	391.3	352.1	309.5	265.8	221.9	180.9
32.5°	512.1	507.5	515.3	502.7	474.9	434.5	388.5	338.8	288.0	238.3	192.3
30°	590.5	609.2	600.9	572.7	533.6	484.1	427.6	368.7	310.4	254.6	204.0
27.5°	725.6	725.0	697.3	653.7	599.4	536.6	467.1	399.2	332.8	271.6	217.2
25°	878.2	856.3	808.8	742.8	669.2	589.2	507.2	430.1	357.3	290.0	230.1
22.5°	1052.5	999.4	929.7	837.7	738.3	643.3	550.0	463.9	382.6	308.1	242.5
20°	1240.9	1152.1	1056.1	930.7	812.8	702.2	595.3	497.4	407.5	325.6	254.5
17.5°	1442.8	1309.6	1176.6	1031.4	891.0	761.6	640.5	530.4	431.9	342.6	265.8
15°	1638.3	1467.1	1300.6	1132.9	969.6	820.9	685.2	562.6	455.5	358.9	274.7
12.5°	1831.1	1626.7	1426.4	1233.8	1047.5	879.4	728.8	593.6	478.2	370.5	280.5
10°	2023.5	1786.4	1552.0	1333.0	1123.8	936.3	770.8	617.8	488.8	377.9	285.3
7.5°	2212.9	1943.5	1675.5	1429.1	1189.5	973.5	788.8	628.7	495.9	383.9	289.1
5°	2367.5	2046.1	1731.7	1457.6	1208.0	988.3	799.9	637.2	500.7	388.5	291.9
2.5°	2388.4	2062.9	1740.1	1468.9	1220.3	998.4	807.3	643.1	503.4	391.5	293.6
0°	2396.5	2068.3	1739.0	1472.3	1226.5	1003.7	810.9	646.2	504.1	393.0	294.3
-2.5°	2388.4	2062.9	1740.1	1468.9	1220.3	998.4	807.3	643.1	503.4	391.5	293.6
-5°	2367.5	2046.1	1731.7	1457.6	1208.0	988.3	799.9	637.2	500.7	388.5	291.9
-7.5°	2212.9	1943.5	1675.5	1429.1	1189.5	973.5	788.8	628.7	495.9	383.9	289.1
-10°	2023.5	1786.4	1552.0	1333.0	1123.8	936.3	770.8	617.8	488.8	377.9	285.3
-12.5°	1831.1	1626.7	1426.4	1233.8	1047.5	879.4	728.8	593.6	478.2	370.5	280.5
-15°	1638.3	1467.1	1300.6	1132.9	969.6	820.9	685.2	562.6	455.5	358.9	274.7
-17.5°	1442.8	1309.6	1176.6	1031.4	891.0	761.6	640.5	530.4	431.9	342.6	265.8
-20°	1240.9	1152.1	1056.1	930.7	812.8	702.2	595.3	497.4	407.5	325.6	254.5



REPORT NUMBER: P558614 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-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°	1052.5	999.4	929.7	837.7	738.3	643.3	550.0	463.9	382.6	308.1	242.5
-25°	878.2	856.3	808.8	742.8	669.2	589.2	507.2	430.1	357.3	290.0	230.1
-27.5°	725.6	725.0	697.3	653.7	599.4	536.6	467.1	399.2	332.8	271.6	217.2
-30°	590.5	609.2	600.9	572.7	533.6	484.1	427.6	368.7	310.4	254.6	204.0
-32.5°	512.1	507.5	515.3	502.7	474.9	434.5	388.5	338.8	288.0	238.3	192.3
-35°	456.8	439.4	439.7	439.0	421.8	391.3	352.1	309.5	265.8	221.9	180.9
-37.5°	406.3	395.2	378.0	383.3	373.2	350.6	319.6	282.9	243.9	205.3	169.3
-40°	363.2	355.6	342.7	335.7	330.9	312.6	288.7	258.3	224.1	188.6	157.5
-42.5°	324.2	320.6	311.2	297.4	292.8	280.6	259.8	234.6	205.2	174.0	145.6
-45°	290.9	288.8	282.1	270.2	258.8	251.1	234.8	212.0	186.7	160.2	134.4
-47.5°	260.9	260.5	255.0	244.4	231.6	224.4	211.0	192.1	168.6	146.5	124.2
-50°	234.5	234.4	229.7	221.6	210.4	200.8	189.0	173.0	153.8	133.0	114.1
-52.5°	213.0	210.6	207.0	200.3	190.5	179.0	169.6	154.8	139.2	121.3	104.1
-55°	192.6	189.2	186.3	180.2	171.3	160.5	151.1	139.5	124.8	110.1	94.2
-57.5°	173.6	170.0	166.7	161.1	153.4	143.9	134.8	124.5	112.2	99.0	85.3
-60°	155.3	152.0	148.0	143.2	136.4	128.2	119.8	110.4	100.0	88.1	76.4
-62.5°	137.6	134.5	130.7	126.2	120.5	113.6	105.3	97.4	87.8	78.4	67.5
-65°	120.8	118.0	114.0	110.5	105.6	99.3	91.9	84.4	77.1	68.7	59.0
-67.5°	104.8	102.4	99.1	95.6	91.2	85.6	78.7	73.1	66.8	59.0	51.5
-70°	89.5	87.3	84.6	81.5	77.4	72.3	67.4	62.4	56.6	50.7	43.9
-72.5°	74.7	73.0	70.7	67.8	64.6	60.8	56.6	52.1	47.6	42.3	36.3
-75°	60.3	59.2	57.5	55.4	52.6	49.4	46.3	42.8	38.7	34.0	29.4
-77.5°	47.2	46.2	44.8	43.2	41.2	39.0	36.4	33.4	30.1	26.6	22.7
-80°	35.2	34.5	33.3	31.8	30.3	28.5	26.8	24.7	22.1	19.2	16.0
-82.5°	24.2	23.5	22.6	21.5	20.6	19.4	17.9	16.1	14.1	11.8	10.4
-85°	14.7	14.0	13.3	12.4	11.5	10.4	9.7	9.0	8.4	7.7	6.9
-87.5°	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	2.7	2.3	1.8	1.3	0.6	0.0
85°	6.1	5.4	4.6	3.6	2.6	1.3	0.0
82.5°	9.2	8.1	6.9	5.5	3.8	1.9	0.0
80°	12.6	10.8	9.2	7.3	5.1	2.6	0.0
77.5°	18.5	14.4	11.5	9.1	6.4	3.2	0.0
75°	24.5	19.5	14.1	10.9	7.6	3.8	0.0
72.5°	30.4	24.6	18.3	12.7	8.8	4.4	0.0
70°	36.4	29.7	22.5	14.7	10.0	5.0	0.0
67.5°	43.2	34.7	26.6	17.9	11.2	5.6	0.0
65°	50.1	40.1	30.7	21.0	12.4	6.2	0.0
62.5°	56.8	46.0	34.7	24.1	13.6	6.8	0.0
60°	63.6	51.8	38.7	27.2	14.7	7.3	0.0
57.5°	71.3	57.5	43.4	30.2	16.7	7.9	0.0
55°	79.0	63.2	48.0	33.1	18.6	8.4	0.0
52.5°	86.6	69.0	52.6	36.0	20.5	8.9	0.0
50°	94.0	75.3	57.1	38.8	22.4	9.4	0.0
47.5°	101.6	81.4	61.5	41.6	24.1	9.9	0.0
45°	110.4	87.4	65.8	44.8	25.9	10.4	0.0
42.5°	119.0	93.3	69.9	48.0	27.5	10.8	0.0
40°	127.6	99.0	74.2	50.9	29.1	11.3	0.0
37.5°	136.1	104.5	78.6	53.6	30.6	11.7	0.0
35°	144.5	110.8	82.8	56.1	32.1	12.0	0.0
32.5°	153.1	117.4	86.8	58.5	33.4	12.4	0.0
30°	162.3	123.7	90.7	60.7	34.7	12.7	0.0
27.5°	171.1	129.9	93.9	62.7	35.9	13.0	0.0
25°	179.6	135.7	96.8	64.5	37.0	13.3	0.0
22.5°	187.8	141.0	99.5	66.2	38.0	13.6	0.0
20°	195.5	145.0	102.0	67.6	39.0	13.8	0.0
17.5°	201.4	148.5	104.3	68.9	39.8	14.0	0.0
15°	205.7	151.5	106.3	70.0	40.6	14.2	0.0
12.5°	209.4	154.1	108.1	70.9	41.2	14.4	0.0
10°	212.5	156.1	109.6	71.6	41.8	14.5	0.0
7.5°	214.9	157.7	110.8	72.2	42.2	14.6	0.0
5°	216.7	158.8	111.8	72.5	42.5	14.6	0.0
2.5°	217.8	159.4	112.4	72.7	42.8	14.7	0.0
0°	218.2	159.6	112.8	72.7	42.9	14.7	0.0
-2.5°	217.8	159.4	112.4	72.7	42.8	14.7	0.0
-5°	216.7	158.8	111.8	72.5	42.5	14.6	0.0
-7.5°	214.9	157.7	110.8	72.2	42.2	14.6	0.0
-10°	212.5	156.1	109.6	71.6	41.8	14.5	0.0
-12.5°	209.4	154.1	108.1	70.9	41.2	14.4	0.0
-15°	205.7	151.5	106.3	70.0	40.6	14.2	0.0
-17.5°	201.4	148.5	104.3	68.9	39.8	14.0	0.0
-20°	195.5	145.0	102.0	67.6	39.0	13.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.8	141.0	99.5	66.2	38.0	13.6	0.0
-25°	179.6	135.7	96.8	64.5	37.0	13.3	0.0
-27.5°	171.1	129.9	93.9	62.7	35.9	13.0	0.0
-30°	162.3	123.7	90.7	60.7	34.7	12.7	0.0
-32.5°	153.1	117.4	86.8	58.5	33.4	12.4	0.0
-35°	144.5	110.8	82.8	56.1	32.1	12.0	0.0
-37.5°	136.1	104.5	78.6	53.6	30.6	11.7	0.0
-40°	127.6	99.0	74.2	50.9	29.1	11.3	0.0
-42.5°	119.0	93.3	69.9	48.0	27.5	10.8	0.0
-45°	110.4	87.4	65.8	44.8	25.9	10.4	0.0
-47.5°	101.6	81.4	61.5	41.6	24.1	9.9	0.0
-50°	94.0	75.3	57.1	38.8	22.4	9.4	0.0
-52.5°	86.6	69.0	52.6	36.0	20.5	8.9	0.0
-55°	79.0	63.2	48.0	33.1	18.6	8.4	0.0
-57.5°	71.3	57.5	43.4	30.2	16.7	7.9	0.0
-60°	63.6	51.8	38.7	27.2	14.7	7.3	0.0
-62.5°	56.8	46.0	34.7	24.1	13.6	6.8	0.0
-65°	50.1	40.1	30.7	21.0	12.4	6.2	0.0
-67.5°	43.2	34.7	26.6	17.9	11.2	5.6	0.0
-70°	36.4	29.7	22.5	14.7	10.0	5.0	0.0
-72.5°	30.4	24.6	18.3	12.7	8.8	4.4	0.0
-75°	24.5	19.5	14.1	10.9	7.6	3.8	0.0
-77.5°	18.5	14.4	11.5	9.1	6.4	3.2	0.0
-80°	12.6	10.8	9.2	7.3	5.1	2.6	0.0
-82.5°	9.2	8.1	6.9	5.5	3.8	1.9	0.0
-85°	6.1	5.4	4.6	3.6	2.6	1.3	0.0
-87.5°	3.1	2.7	2.3	1.8	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)