

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: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558606 (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-935-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

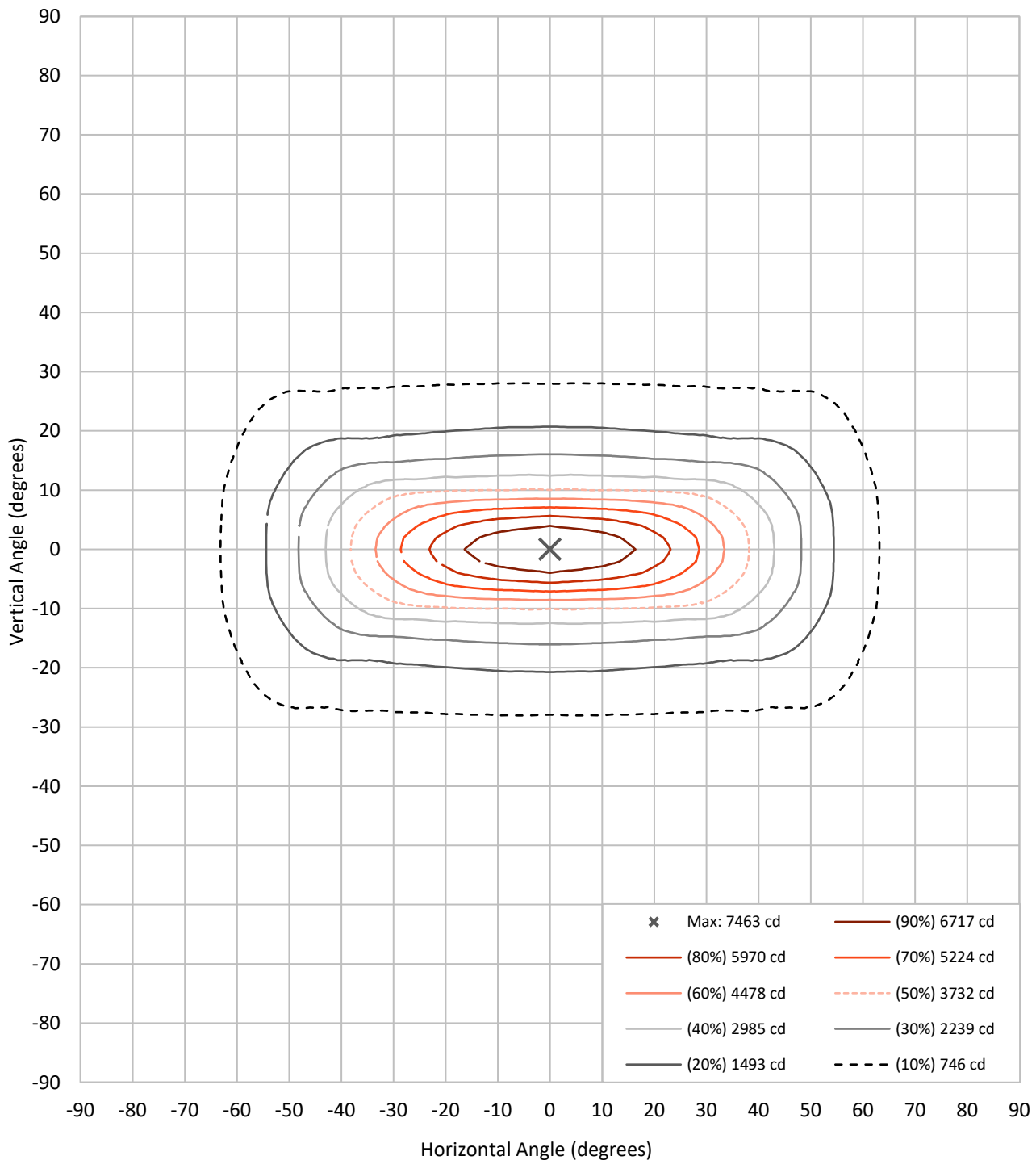
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	5344.8 lumens	Max Intensity:	7463 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.5 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:	2138.5 lumens	Field Lumens:	4380.7 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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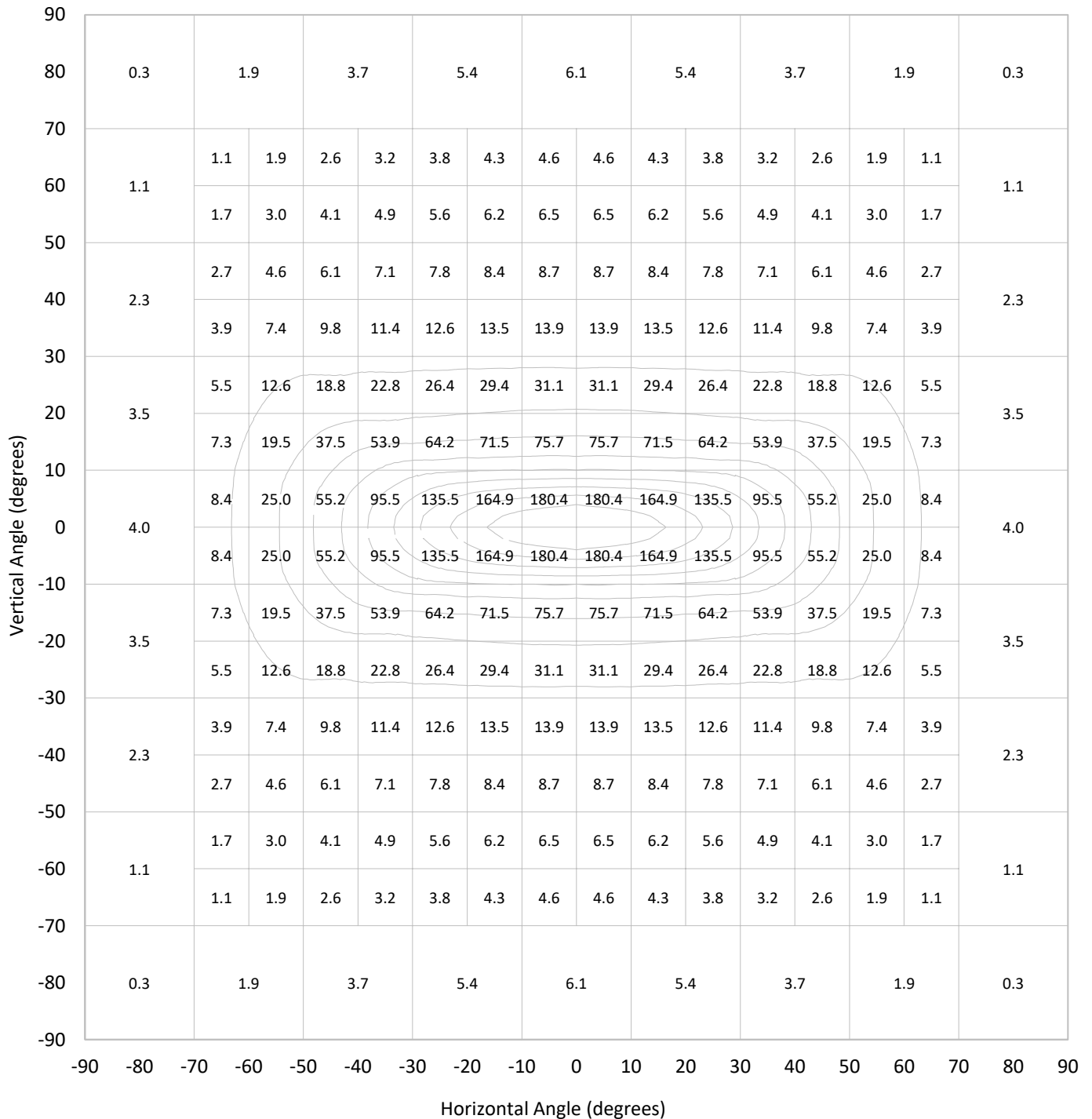
Iso-Candela Plot





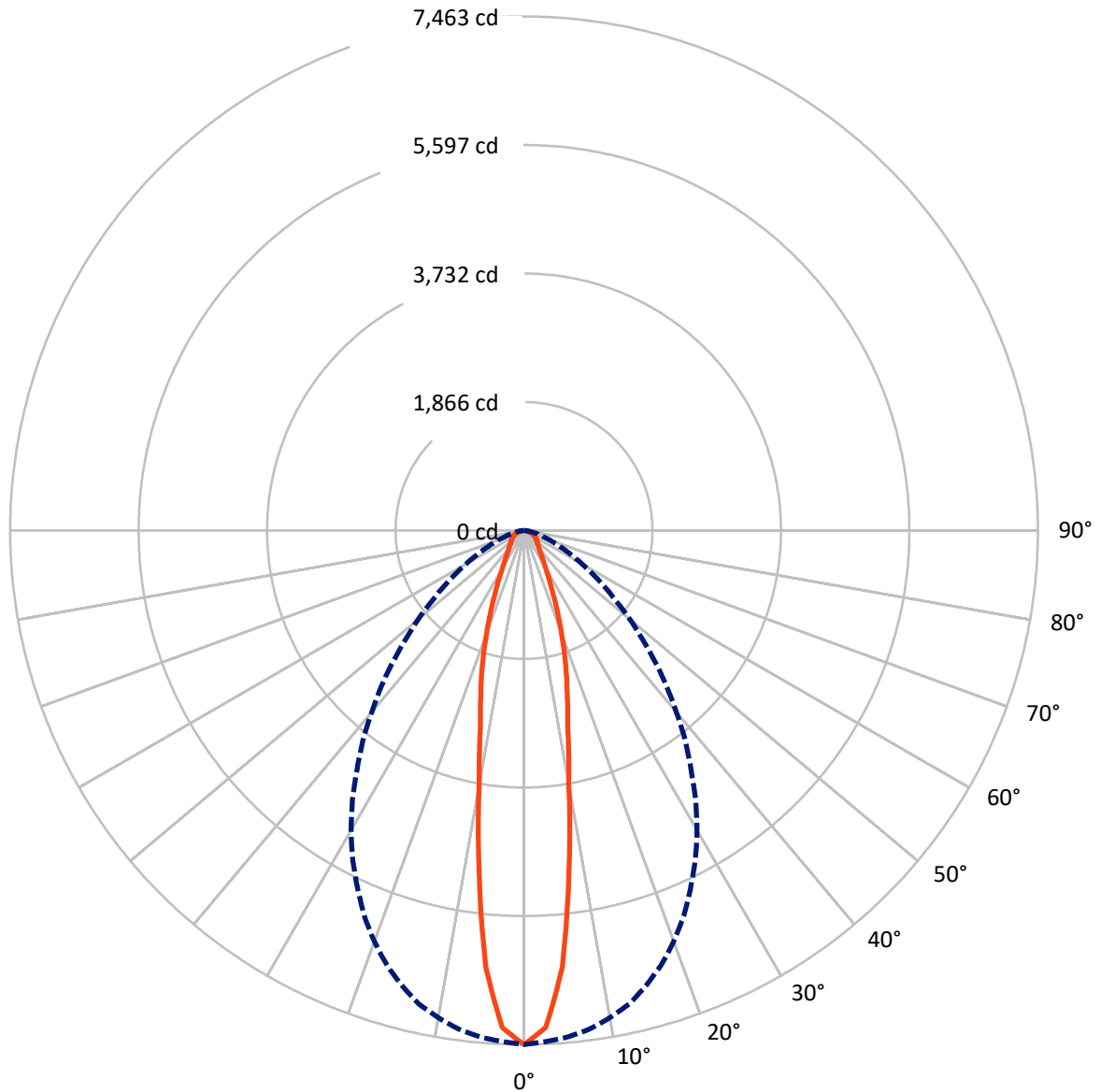
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Lumen Table



REPORT NUMBER: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
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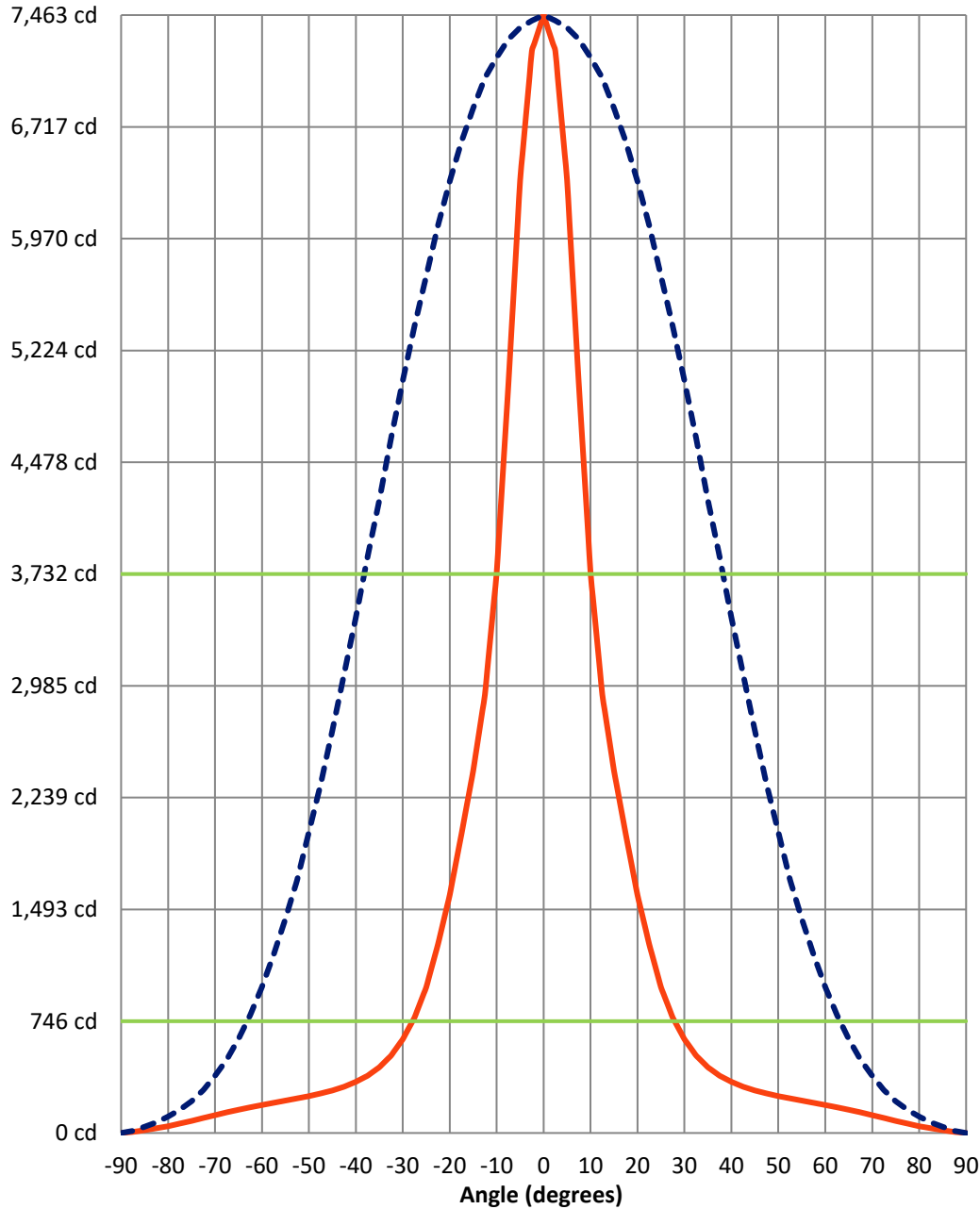
Luminous Intensity Polar Plot



— 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: 2138.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 4380.7
 Efficiency: 82.0%

Spill:
 Lumens: 964.2
 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	1.2	1.8	2.2	2.6	3.0	3.4	3.7	4.1	4.4
85°	0.0	1.2	2.5	3.5	4.5	5.3	6.0	6.7	7.5	8.2	8.8
82.5°	0.0	1.9	3.7	5.3	6.7	7.9	8.9	10.1	11.5	13.7	15.7
80°	0.0	2.5	4.9	7.0	8.9	10.5	12.2	15.6	18.6	21.4	24.0
77.5°	0.0	3.1	6.1	8.8	11.1	14.0	18.0	22.1	25.8	29.2	32.5
75°	0.0	3.7	7.3	10.5	13.7	19.0	23.8	28.5	33.1	37.6	41.5
72.5°	0.0	4.3	8.5	12.3	17.8	23.9	29.5	35.2	41.1	46.3	50.6
70°	0.0	4.9	9.7	14.2	21.8	28.8	35.4	42.6	49.2	55.0	60.6
67.5°	0.0	5.4	10.9	17.3	25.8	33.7	42.0	50.0	57.3	64.9	70.9
65°	0.0	6.0	12.0	20.4	29.8	39.0	48.6	57.3	66.7	74.8	82.0
62.5°	0.0	6.6	13.1	23.4	33.7	44.7	55.2	65.6	76.1	85.2	94.5
60°	0.0	7.1	14.2	26.4	37.6	50.3	61.7	74.2	85.6	97.1	107.2
57.5°	0.0	7.6	16.1	29.3	42.1	55.9	69.2	82.9	96.1	108.9	120.9
55°	0.0	8.1	18.0	32.1	46.6	61.4	76.7	91.5	107.0	121.2	135.4
52.5°	0.0	8.6	19.9	34.9	51.1	66.9	84.1	101.1	117.7	135.2	150.3
50°	0.0	9.1	21.6	37.6	55.4	73.0	91.3	110.8	129.2	149.3	168.0
47.5°	0.0	9.6	23.4	40.4	59.7	79.0	98.7	120.6	142.2	163.7	186.6
45°	0.0	10.0	25.1	43.5	63.8	84.9	107.2	130.5	155.6	181.3	205.9
42.5°	0.0	10.5	26.7	46.6	67.9	90.6	115.6	141.4	168.9	199.3	227.8
40°	0.0	10.9	28.2	49.4	72.0	96.1	124.0	153.0	183.2	217.7	250.9
37.5°	0.0	11.3	29.7	52.0	76.3	101.5	132.2	164.4	199.4	236.9	274.7
35°	0.0	11.6	31.1	54.5	80.4	107.6	140.3	175.6	215.5	258.1	300.5
32.5°	0.0	12.0	32.4	56.8	84.3	114.0	148.7	186.7	231.5	279.7	329.0
30°	0.0	12.3	33.7	58.9	88.0	120.2	157.6	198.1	247.3	301.4	358.1
27.5°	0.0	12.6	34.8	60.8	91.1	126.1	166.2	211.0	263.9	323.3	387.7
25°	0.0	12.9	35.9	62.6	94.0	131.8	174.5	223.5	281.7	347.0	417.7
22.5°	0.0	13.1	36.9	64.2	96.6	136.9	182.4	235.6	299.2	371.6	450.5
20°	0.0	13.3	37.8	65.6	99.1	140.8	189.9	247.1	316.3	395.8	483.1
17.5°	0.0	13.5	38.6	66.9	101.3	144.2	195.6	258.2	332.8	419.5	515.1
15°	0.0	13.7	39.3	67.9	103.2	147.2	199.8	266.8	348.5	442.4	546.3
12.5°	0.0	13.9	40.0	68.8	105.0	149.6	203.4	272.5	359.8	464.4	576.5
10°	0.0	14.0	40.5	69.5	106.4	151.6	206.4	277.1	367.1	474.7	600.0
7.5°	0.0	14.1	40.9	70.1	107.6	153.1	208.7	280.8	372.9	481.6	610.6
5°	0.0	14.1	41.3	70.4	108.5	154.2	210.4	283.5	377.3	486.3	618.9
2.5°	0.0	14.2	41.5	70.6	109.2	154.8	211.5	285.2	380.3	488.9	624.6
0°	0.0	14.2	41.6	70.6	109.5	155.0	211.9	285.9	381.7	489.6	627.6
-2.5°	0.0	14.2	41.5	70.6	109.2	154.8	211.5	285.2	380.3	488.9	624.6
-5°	0.0	14.1	41.3	70.4	108.5	154.2	210.4	283.5	377.3	486.3	618.9
-7.5°	0.0	14.1	40.9	70.1	107.6	153.1	208.7	280.8	372.9	481.6	610.6
-10°	0.0	14.0	40.5	69.5	106.4	151.6	206.4	277.1	367.1	474.7	600.0
-12.5°	0.0	13.9	40.0	68.8	105.0	149.6	203.4	272.5	359.8	464.4	576.5
-15°	0.0	13.7	39.3	67.9	103.2	147.2	199.8	266.8	348.5	442.4	546.3
-17.5°	0.0	13.5	38.6	66.9	101.3	144.2	195.6	258.2	332.8	419.5	515.1
-20°	0.0	13.3	37.8	65.6	99.1	140.8	189.9	247.1	316.3	395.8	483.1



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 CATALOG NUMBER: GFLD-SA1E-935-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	13.1	36.9	64.2	96.6	136.9	182.4	235.6	299.2	371.6	450.5
-25°	0.0	12.9	35.9	62.6	94.0	131.8	174.5	223.5	281.7	347.0	417.7
-27.5°	0.0	12.6	34.8	60.8	91.1	126.1	166.2	211.0	263.9	323.3	387.7
-30°	0.0	12.3	33.7	58.9	88.0	120.2	157.6	198.1	247.3	301.4	358.1
-32.5°	0.0	12.0	32.4	56.8	84.3	114.0	148.7	186.7	231.5	279.7	329.0
-35°	0.0	11.6	31.1	54.5	80.4	107.6	140.3	175.6	215.5	258.1	300.5
-37.5°	0.0	11.3	29.7	52.0	76.3	101.5	132.2	164.4	199.4	236.9	274.7
-40°	0.0	10.9	28.2	49.4	72.0	96.1	124.0	153.0	183.2	217.7	250.9
-42.5°	0.0	10.5	26.7	46.6	67.9	90.6	115.6	141.4	168.9	199.3	227.8
-45°	0.0	10.0	25.1	43.5	63.8	84.9	107.2	130.5	155.6	181.3	205.9
-47.5°	0.0	9.6	23.4	40.4	59.7	79.0	98.7	120.6	142.2	163.7	186.6
-50°	0.0	9.1	21.6	37.6	55.4	73.0	91.3	110.8	129.2	149.3	168.0
-52.5°	0.0	8.6	19.9	34.9	51.1	66.9	84.1	101.1	117.7	135.2	150.3
-55°	0.0	8.1	18.0	32.1	46.6	61.4	76.7	91.5	107.0	121.2	135.4
-57.5°	0.0	7.6	16.1	29.3	42.1	55.9	69.2	82.9	96.1	108.9	120.9
-60°	0.0	7.1	14.2	26.4	37.6	50.3	61.7	74.2	85.6	97.1	107.2
-62.5°	0.0	6.6	13.1	23.4	33.7	44.7	55.2	65.6	76.1	85.2	94.5
-65°	0.0	6.0	12.0	20.4	29.8	39.0	48.6	57.3	66.7	74.8	82.0
-67.5°	0.0	5.4	10.9	17.3	25.8	33.7	42.0	50.0	57.3	64.9	70.9
-70°	0.0	4.9	9.7	14.2	21.8	28.8	35.4	42.6	49.2	55.0	60.6
-72.5°	0.0	4.3	8.5	12.3	17.8	23.9	29.5	35.2	41.1	46.3	50.6
-75°	0.0	3.7	7.3	10.5	13.7	19.0	23.8	28.5	33.1	37.6	41.5
-77.5°	0.0	3.1	6.1	8.8	11.1	14.0	18.0	22.1	25.8	29.2	32.5
-80°	0.0	2.5	4.9	7.0	8.9	10.5	12.2	15.6	18.6	21.4	24.0
-82.5°	0.0	1.9	3.7	5.3	6.7	7.9	8.9	10.1	11.5	13.7	15.7
-85°	0.0	1.2	2.5	3.5	4.5	5.3	6.0	6.7	7.5	8.2	8.8
-87.5°	0.0	0.6	1.2	1.8	2.2	2.6	3.0	3.4	3.7	4.1	4.4
-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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 CATALOG NUMBER: GFLD-SA1E-935-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°	4.7	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.9	7.1	7.4
85°	9.5	10.1	11.2	12.1	13.0	13.7	14.3	14.8	15.3	15.7	16.1
82.5°	17.4	18.9	20.1	21.0	22.0	22.8	23.6	24.3	24.9	25.6	26.1
80°	26.0	27.7	29.4	30.9	32.4	33.5	34.2	34.5	35.3	36.4	37.6
77.5°	35.3	37.9	40.1	42.0	43.6	44.9	45.9	46.5	47.9	49.5	50.8
75°	44.9	48.0	51.1	53.8	55.9	57.5	58.6	59.5	61.2	63.3	65.1
72.5°	55.0	59.1	62.7	65.9	68.7	70.9	72.5	73.6	75.2	77.7	79.7
70°	65.5	70.2	75.1	79.2	82.2	84.8	86.9	88.4	89.9	92.3	94.2
67.5°	76.4	83.1	88.6	92.8	96.3	99.4	101.8	103.4	104.0	106.6	108.7
65°	89.2	96.4	102.5	107.3	110.8	114.6	117.3	118.6	119.1	121.8	124.4
62.5°	102.3	110.3	117.0	122.5	126.9	130.6	133.6	135.3	135.6	137.6	140.6
60°	116.3	124.5	132.4	139.0	143.7	147.5	150.8	152.6	153.0	153.8	157.2
57.5°	130.9	139.7	149.0	156.4	161.9	165.0	168.6	170.6	171.4	170.9	174.4
55°	146.7	155.9	166.3	175.0	180.9	183.8	187.1	189.9	190.9	190.3	192.4
52.5°	164.7	173.8	185.0	194.5	201.1	204.5	206.8	210.3	211.8	211.1	210.7
50°	183.5	195.0	204.3	215.2	223.1	227.6	227.6	231.9	234.0	233.3	230.5
47.5°	204.9	217.9	224.9	237.3	247.6	252.9	253.3	255.0	257.5	258.2	255.8
45°	228.0	243.8	251.3	262.4	274.0	280.5	282.5	279.4	283.9	285.4	283.9
42.5°	252.3	272.5	284.3	288.8	302.3	311.3	314.8	312.6	312.4	315.6	315.6
40°	280.3	303.5	321.3	326.0	332.8	345.3	352.7	352.3	344.0	349.9	351.4
37.5°	310.4	340.5	362.5	372.3	367.1	383.7	394.6	399.0	393.8	388.0	394.6
35°	341.9	380.0	409.6	426.3	427.0	426.7	443.6	452.8	453.3	442.7	445.1
32.5°	377.3	422.0	461.2	488.2	500.4	492.9	497.3	516.4	525.7	521.7	506.3
30°	415.2	470.1	518.2	556.2	583.6	591.6	573.4	588.3	609.0	617.3	610.7
27.5°	453.6	521.1	582.1	634.8	677.2	704.1	704.7	681.6	705.1	725.1	732.9
25°	492.6	572.2	649.9	721.4	785.5	831.6	852.9	855.3	822.4	852.4	880.2
22.5°	534.2	624.7	717.0	813.5	902.8	970.6	1022.1	1053.1	1052.1	1020.8	1045.2
20°	578.2	681.9	789.4	903.8	1025.7	1118.8	1205.2	1271.1	1310.9	1324.1	1298.4
17.5°	622.0	739.6	865.3	1001.7	1142.7	1271.8	1401.2	1506.5	1589.9	1658.5	1683.0
15°	665.4	797.2	941.6	1100.2	1263.1	1424.8	1591.1	1752.3	1894.4	2019.8	2094.1
12.5°	707.7	854.0	1017.3	1198.2	1385.2	1579.8	1778.3	1974.7	2179.3	2382.4	2536.7
10°	748.6	909.3	1091.4	1294.6	1507.2	1734.8	1965.1	2198.3	2446.9	2686.3	2916.8
7.5°	766.0	945.4	1155.2	1387.9	1627.2	1887.4	2149.1	2419.9	2710.3	2989.7	3271.2
5°	776.8	959.8	1173.2	1415.6	1681.8	1987.0	2299.3	2634.7	2966.0	3287.7	3619.5
2.5°	784.0	969.6	1185.1	1426.5	1689.9	2003.4	2319.6	2667.8	3039.6	3411.5	3806.5
0°	787.5	974.8	1191.1	1429.8	1688.9	2008.7	2327.4	2686.6	3063.4	3441.8	3845.9
-2.5°	784.0	969.6	1185.1	1426.5	1689.9	2003.4	2319.6	2667.8	3039.6	3411.5	3806.5
-5°	776.8	959.8	1173.2	1415.6	1681.8	1987.0	2299.3	2634.7	2966.0	3287.7	3619.5
-7.5°	766.0	945.4	1155.2	1387.9	1627.2	1887.4	2149.1	2419.9	2710.3	2989.7	3271.2
-10°	748.6	909.3	1091.4	1294.6	1507.2	1734.8	1965.1	2198.3	2446.9	2686.3	2916.8
-12.5°	707.7	854.0	1017.3	1198.2	1385.2	1579.8	1778.3	1974.7	2179.3	2382.4	2536.7
-15°	665.4	797.2	941.6	1100.2	1263.1	1424.8	1591.1	1752.3	1894.4	2019.8	2094.1
-17.5°	622.0	739.6	865.3	1001.7	1142.7	1271.8	1401.2	1506.5	1589.9	1658.5	1683.0
-20°	578.2	681.9	789.4	903.8	1025.7	1118.8	1205.2	1271.1	1310.9	1324.1	1298.4



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 CATALOG NUMBER: GFLD-SA1E-935-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°	534.2	624.7	717.0	813.5	902.8	970.6	1022.1	1053.1	1052.1	1020.8	1045.2
-25°	492.6	572.2	649.9	721.4	785.5	831.6	852.9	855.3	822.4	852.4	880.2
-27.5°	453.6	521.1	582.1	634.8	677.2	704.1	704.7	681.6	705.1	725.1	732.9
-30°	415.2	470.1	518.2	556.2	583.6	591.6	573.4	588.3	609.0	617.3	610.7
-32.5°	377.3	422.0	461.2	488.2	500.4	492.9	497.3	516.4	525.7	521.7	506.3
-35°	341.9	380.0	409.6	426.3	427.0	426.7	443.6	452.8	453.3	442.7	445.1
-37.5°	310.4	340.5	362.5	372.3	367.1	383.7	394.6	399.0	393.8	388.0	394.6
-40°	280.3	303.5	321.3	326.0	332.8	345.3	352.7	352.3	344.0	349.9	351.4
-42.5°	252.3	272.5	284.3	288.8	302.3	311.3	314.8	312.6	312.4	315.6	315.6
-45°	228.0	243.8	251.3	262.4	274.0	280.5	282.5	279.4	283.9	285.4	283.9
-47.5°	204.9	217.9	224.9	237.3	247.6	252.9	253.3	255.0	257.5	258.2	255.8
-50°	183.5	195.0	204.3	215.2	223.1	227.6	227.6	231.9	234.0	233.3	230.5
-52.5°	164.7	173.8	185.0	194.5	201.1	204.5	206.8	210.3	211.8	211.1	210.7
-55°	146.7	155.9	166.3	175.0	180.9	183.8	187.1	189.9	190.9	190.3	192.4
-57.5°	130.9	139.7	149.0	156.4	161.9	165.0	168.6	170.6	171.4	170.9	174.4
-60°	116.3	124.5	132.4	139.0	143.7	147.5	150.8	152.6	153.0	153.8	157.2
-62.5°	102.3	110.3	117.0	122.5	126.9	130.6	133.6	135.3	135.6	137.6	140.6
-65°	89.2	96.4	102.5	107.3	110.8	114.6	117.3	118.6	119.1	121.8	124.4
-67.5°	76.4	83.1	88.6	92.8	96.3	99.4	101.8	103.4	104.0	106.6	108.7
-70°	65.5	70.2	75.1	79.2	82.2	84.8	86.9	88.4	89.9	92.3	94.2
-72.5°	55.0	59.1	62.7	65.9	68.7	70.9	72.5	73.6	75.2	77.7	79.7
-75°	44.9	48.0	51.1	53.8	55.9	57.5	58.6	59.5	61.2	63.3	65.1
-77.5°	35.3	37.9	40.1	42.0	43.6	44.9	45.9	46.5	47.9	49.5	50.8
-80°	26.0	27.7	29.4	30.9	32.4	33.5	34.2	34.5	35.3	36.4	37.6
-82.5°	17.4	18.9	20.1	21.0	22.0	22.8	23.6	24.3	24.9	25.6	26.1
-85°	9.5	10.1	11.2	12.1	13.0	13.7	14.3	14.8	15.3	15.7	16.1
-87.5°	4.7	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.9	7.1	7.4
-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: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	7.6	7.5	7.4	7.2	7.0	7.0	7.0	6.9	6.9	6.8	6.7
85°	16.3	16.6	16.9	17.2	17.5	17.7	18.0	18.2	18.4	18.4	18.3
82.5°	26.6	27.5	28.4	29.2	30.0	30.4	30.7	30.9	31.0	31.2	31.4
80°	38.6	39.9	41.1	42.1	42.9	43.5	43.9	44.3	44.6	44.9	45.2
77.5°	52.1	53.6	55.0	56.2	57.3	58.2	59.1	59.7	60.2	61.0	61.7
75°	66.6	68.2	70.0	71.5	72.9	74.3	75.7	77.0	78.2	79.1	79.9
72.5°	81.2	82.9	85.0	87.0	88.8	90.8	92.7	94.4	95.8	97.2	98.4
70°	95.6	97.2	100.0	102.6	105.1	107.4	109.7	111.7	113.5	115.3	116.9
67.5°	110.5	112.2	115.6	118.6	121.3	123.9	126.6	129.0	131.1	132.9	134.6
65°	126.4	127.9	131.6	134.9	137.8	140.2	143.1	145.7	148.0	150.1	151.8
62.5°	142.9	144.4	147.4	150.7	153.4	155.7	159.1	162.1	164.5	166.6	168.4
60°	159.6	160.8	163.2	166.8	169.9	172.4	175.4	178.2	180.6	182.7	184.5
57.5°	176.9	178.2	179.3	183.0	185.9	188.2	190.8	193.6	195.9	197.9	199.8
55°	194.8	195.8	195.5	198.8	201.5	203.4	205.4	208.4	210.7	212.4	214.2
52.5°	213.1	214.3	213.5	214.9	217.9	219.6	220.4	223.6	226.0	227.6	229.1
50°	233.5	234.4	233.7	232.9	235.8	237.6	238.1	240.6	242.8	244.0	245.1
47.5°	255.6	256.7	256.2	252.9	255.6	257.8	257.9	259.0	261.2	262.1	262.8
45°	279.6	281.9	281.4	279.2	278.8	281.1	280.9	280.0	282.6	283.7	284.1
42.5°	311.1	310.4	311.1	309.8	305.9	308.4	308.7	305.5	308.8	310.2	309.3
40°	349.8	342.7	346.6	346.0	342.3	341.7	343.8	341.2	341.6	343.6	342.1
37.5°	395.7	390.7	388.5	390.3	389.2	384.4	388.2	387.3	384.3	387.7	386.2
35°	452.2	450.7	439.4	446.2	447.7	443.2	444.5	446.5	439.9	445.0	444.5
32.5°	518.3	521.7	519.2	515.0	521.4	522.3	514.8	523.8	520.2	521.4	525.0
30°	593.2	610.4	618.7	611.2	615.3	623.3	619.6	625.8	628.9	624.2	633.0
27.5°	724.0	717.9	737.9	746.7	737.3	751.9	762.5	757.8	773.3	764.2	777.3
25°	890.3	881.3	886.7	915.5	921.9	914.4	944.3	947.8	960.1	961.6	970.8
22.5°	1085.6	1107.2	1104.7	1113.4	1149.6	1161.7	1172.7	1201.5	1194.9	1221.0	1225.5
20°	1303.9	1358.3	1395.7	1403.6	1419.0	1460.6	1479.7	1502.4	1517.6	1542.2	1563.1
17.5°	1673.3	1645.5	1718.9	1765.1	1789.3	1797.9	1848.1	1864.4	1902.0	1923.6	1944.9
15°	2147.6	2163.9	2130.7	2174.7	2249.0	2274.0	2245.2	2312.5	2331.4	2367.7	2374.1
12.5°	2654.6	2736.7	2776.9	2787.8	2749.1	2854.7	2897.0	2843.8	2904.1	2893.2	2942.8
10°	3138.3	3337.7	3457.1	3541.0	3592.1	3622.8	3653.4	3708.3	3709.2	3749.9	3726.1
7.5°	3535.5	3788.3	4029.8	4264.1	4451.4	4556.5	4639.1	4718.2	4823.7	4874.3	4907.2
5°	3924.0	4215.7	4504.7	4788.7	5045.8	5293.3	5535.8	5746.1	5857.6	5987.9	6104.0
2.5°	4175.3	4544.3	4913.3	5278.9	5576.0	5848.6	6101.1	6335.5	6541.1	6731.4	6892.0
0°	4224.3	4637.3	5022.2	5386.9	5721.5	6058.3	6352.4	6617.5	6841.4	7043.5	7179.9
-2.5°	4175.3	4544.3	4913.3	5278.9	5576.0	5848.6	6101.1	6335.5	6541.1	6731.4	6892.0
-5°	3924.0	4215.7	4504.7	4788.7	5045.8	5293.3	5535.8	5746.1	5857.6	5987.9	6104.0
-7.5°	3535.5	3788.3	4029.8	4264.1	4451.4	4556.5	4639.1	4718.2	4823.7	4874.3	4907.2
-10°	3138.3	3337.7	3457.1	3541.0	3592.1	3622.8	3653.4	3708.3	3709.2	3749.9	3726.1
-12.5°	2654.6	2736.7	2776.9	2787.8	2749.1	2854.7	2897.0	2843.8	2904.1	2893.2	2942.8
-15°	2147.6	2163.9	2130.7	2174.7	2249.0	2274.0	2245.2	2312.5	2331.4	2367.7	2374.1
-17.5°	1673.3	1645.5	1718.9	1765.1	1789.3	1797.9	1848.1	1864.4	1902.0	1923.6	1944.9
-20°	1303.9	1358.3	1395.7	1403.6	1419.0	1460.6	1479.7	1502.4	1517.6	1542.2	1563.1



REPORT NUMBER: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1085.6	1107.2	1104.7	1113.4	1149.6	1161.7	1172.7	1201.5	1194.9	1221.0	1225.5
-25°	890.3	881.3	886.7	915.5	921.9	914.4	944.3	947.8	960.1	961.6	970.8
-27.5°	724.0	717.9	737.9	746.7	737.3	751.9	762.5	757.8	773.3	764.2	777.3
-30°	593.2	610.4	618.7	611.2	615.3	623.3	619.6	625.8	628.9	624.2	633.0
-32.5°	518.3	521.7	519.2	515.0	521.4	522.3	514.8	523.8	520.2	521.4	525.0
-35°	452.2	450.7	439.4	446.2	447.7	443.2	444.5	446.5	439.9	445.0	444.5
-37.5°	395.7	390.7	388.5	390.3	389.2	384.4	388.2	387.3	384.3	387.7	386.2
-40°	349.8	342.7	346.6	346.0	342.3	341.7	343.8	341.2	341.6	343.6	342.1
-42.5°	311.1	310.4	311.1	309.8	305.9	308.4	308.7	305.5	308.8	310.2	309.3
-45°	279.6	281.9	281.4	279.2	278.8	281.1	280.9	280.0	282.6	283.7	284.1
-47.5°	255.6	256.7	256.2	252.9	255.6	257.8	257.9	259.0	261.2	262.1	262.8
-50°	233.5	234.4	233.7	232.9	235.8	237.6	238.1	240.6	242.8	244.0	245.1
-52.5°	213.1	214.3	213.5	214.9	217.9	219.6	220.4	223.6	226.0	227.6	229.1
-55°	194.8	195.8	195.5	198.8	201.5	203.4	205.4	208.4	210.7	212.4	214.2
-57.5°	176.9	178.2	179.3	183.0	185.9	188.2	190.8	193.6	195.9	197.9	199.8
-60°	159.6	160.8	163.2	166.8	169.9	172.4	175.4	178.2	180.6	182.7	184.5
-62.5°	142.9	144.4	147.4	150.7	153.4	155.7	159.1	162.1	164.5	166.6	168.4
-65°	126.4	127.9	131.6	134.9	137.8	140.2	143.1	145.7	148.0	150.1	151.8
-67.5°	110.5	112.2	115.6	118.6	121.3	123.9	126.6	129.0	131.1	132.9	134.6
-70°	95.6	97.2	100.0	102.6	105.1	107.4	109.7	111.7	113.5	115.3	116.9
-72.5°	81.2	82.9	85.0	87.0	88.8	90.8	92.7	94.4	95.8	97.2	98.4
-75°	66.6	68.2	70.0	71.5	72.9	74.3	75.7	77.0	78.2	79.1	79.9
-77.5°	52.1	53.6	55.0	56.2	57.3	58.2	59.1	59.7	60.2	61.0	61.7
-80°	38.6	39.9	41.1	42.1	42.9	43.5	43.9	44.3	44.6	44.9	45.2
-82.5°	26.6	27.5	28.4	29.2	30.0	30.4	30.7	30.9	31.0	31.2	31.4
-85°	16.3	16.6	16.9	17.2	17.5	17.7	18.0	18.2	18.4	18.4	18.3
-87.5°	7.6	7.5	7.4	7.2	7.0	7.0	7.0	6.9	6.9	6.8	6.7
-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: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	6.7	6.6	6.8	7.1	6.8	6.6	6.7	6.7	6.8	6.9	6.9
85°	18.2	18.0	18.3	18.6	18.3	18.0	18.2	18.3	18.4	18.4	18.2
82.5°	31.6	31.6	31.8	31.8	31.8	31.6	31.6	31.4	31.2	31.0	30.9
80°	45.3	45.3	45.2	44.9	45.2	45.3	45.3	45.2	44.9	44.6	44.3
77.5°	62.3	62.7	62.9	63.0	62.9	62.7	62.3	61.7	61.0	60.2	59.7
75°	80.3	80.6	80.7	80.5	80.7	80.6	80.3	79.9	79.1	78.2	77.0
72.5°	99.4	100.2	100.4	100.2	100.4	100.2	99.4	98.4	97.2	95.8	94.4
70°	118.2	119.3	119.2	118.8	119.2	119.3	118.2	116.9	115.3	113.5	111.7
67.5°	135.9	136.8	137.6	138.0	137.6	136.8	135.9	134.6	132.9	131.1	129.0
65°	153.2	154.3	154.8	155.0	154.8	154.3	153.2	151.8	150.1	148.0	145.7
62.5°	169.7	170.7	171.2	171.4	171.2	170.7	169.7	168.4	166.6	164.5	162.1
60°	185.9	187.0	187.1	186.7	187.1	187.0	185.9	184.5	182.7	180.6	178.2
57.5°	201.3	202.3	202.3	201.5	202.3	202.3	201.3	199.8	197.9	195.9	193.6
55°	215.4	216.2	216.5	216.3	216.5	216.2	215.4	214.2	212.4	210.7	208.4
52.5°	230.3	230.9	231.2	231.1	231.2	230.9	230.3	229.1	227.6	226.0	223.6
50°	245.9	246.0	246.0	245.9	246.0	246.0	245.9	245.1	244.0	242.8	240.6
47.5°	263.7	263.9	264.0	264.0	264.0	263.9	263.7	262.8	262.1	261.2	259.0
45°	284.8	284.2	283.6	283.7	283.6	284.2	284.8	284.1	283.7	282.6	280.0
42.5°	310.1	309.4	308.7	308.9	308.7	309.4	310.1	309.3	310.2	308.8	305.5
40°	343.5	343.3	342.1	341.7	342.1	343.3	343.5	342.1	343.6	341.6	341.2
37.5°	386.4	385.8	383.3	382.2	383.3	385.8	386.4	386.2	387.7	384.3	387.3
35°	443.0	442.2	438.4	438.6	438.4	442.2	443.0	444.5	445.0	439.9	446.5
32.5°	523.2	523.5	517.7	516.4	517.7	523.5	523.2	525.0	521.4	520.2	523.8
30°	627.5	629.8	623.0	625.9	623.0	629.8	627.5	633.0	624.2	628.9	625.8
27.5°	777.0	781.4	775.4	770.5	775.4	781.4	777.0	777.3	764.2	773.3	757.8
25°	982.8	986.0	979.2	973.1	979.2	986.0	982.8	970.8	961.6	960.1	947.8
22.5°	1250.6	1250.4	1250.1	1259.5	1250.1	1250.4	1250.6	1225.5	1221.0	1194.9	1201.5
20°	1576.5	1568.6	1580.5	1588.1	1580.5	1568.6	1576.5	1563.1	1542.2	1517.6	1502.4
17.5°	1949.9	1964.7	1976.1	1995.0	1976.1	1964.7	1949.9	1944.9	1923.6	1902.0	1864.4
15°	2390.2	2412.5	2423.8	2417.7	2423.8	2412.5	2390.2	2374.1	2367.7	2331.4	2312.5
12.5°	2944.6	2971.2	2951.6	2927.0	2951.6	2971.2	2944.6	2942.8	2893.2	2904.1	2843.8
10°	3726.5	3783.9	3787.1	3739.2	3787.1	3783.9	3726.5	3726.1	3749.9	3709.2	3708.3
7.5°	4926.2	4954.1	4996.5	4998.7	4996.5	4954.1	4926.2	4907.2	4874.3	4823.7	4718.2
5°	6156.6	6230.9	6278.9	6361.7	6278.9	6230.9	6156.6	6104.0	5987.9	5857.6	5746.1
2.5°	6995.8	7091.8	7128.7	7222.6	7128.7	7091.8	6995.8	6892.0	6731.4	6541.1	6335.5
0°	7301.4	7379.2	7425.7	7463.0	7425.7	7379.2	7301.4	7179.9	7043.5	6841.4	6617.5
-2.5°	6995.8	7091.8	7128.7	7222.6	7128.7	7091.8	6995.8	6892.0	6731.4	6541.1	6335.5
-5°	6156.6	6230.9	6278.9	6361.7	6278.9	6230.9	6156.6	6104.0	5987.9	5857.6	5746.1
-7.5°	4926.2	4954.1	4996.5	4998.7	4996.5	4954.1	4926.2	4907.2	4874.3	4823.7	4718.2
-10°	3726.5	3783.9	3787.1	3739.2	3787.1	3783.9	3726.5	3726.1	3749.9	3709.2	3708.3
-12.5°	2944.6	2971.2	2951.6	2927.0	2951.6	2971.2	2944.6	2942.8	2893.2	2904.1	2843.8
-15°	2390.2	2412.5	2423.8	2417.7	2423.8	2412.5	2390.2	2374.1	2367.7	2331.4	2312.5
-17.5°	1949.9	1964.7	1976.1	1995.0	1976.1	1964.7	1949.9	1944.9	1923.6	1902.0	1864.4
-20°	1576.5	1568.6	1580.5	1588.1	1580.5	1568.6	1576.5	1563.1	1542.2	1517.6	1502.4



REPORT NUMBER: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	1250.6	1250.4	1250.1	1259.5	1250.1	1250.4	1250.6	1225.5	1221.0	1194.9	1201.5
-25°	982.8	986.0	979.2	973.1	979.2	986.0	982.8	970.8	961.6	960.1	947.8
-27.5°	777.0	781.4	775.4	770.5	775.4	781.4	777.0	777.3	764.2	773.3	757.8
-30°	627.5	629.8	623.0	625.9	623.0	629.8	627.5	633.0	624.2	628.9	625.8
-32.5°	523.2	523.5	517.7	516.4	517.7	523.5	523.2	525.0	521.4	520.2	523.8
-35°	443.0	442.2	438.4	438.6	438.4	442.2	443.0	444.5	445.0	439.9	446.5
-37.5°	386.4	385.8	383.3	382.2	383.3	385.8	386.4	386.2	387.7	384.3	387.3
-40°	343.5	343.3	342.1	341.7	342.1	343.3	343.5	342.1	343.6	341.6	341.2
-42.5°	310.1	309.4	308.7	308.9	308.7	309.4	310.1	309.3	310.2	308.8	305.5
-45°	284.8	284.2	283.6	283.7	283.6	284.2	284.8	284.1	283.7	282.6	280.0
-47.5°	263.7	263.9	264.0	264.0	264.0	263.9	263.7	262.8	262.1	261.2	259.0
-50°	245.9	246.0	246.0	245.9	246.0	246.0	245.9	245.1	244.0	242.8	240.6
-52.5°	230.3	230.9	231.2	231.1	231.2	230.9	230.3	229.1	227.6	226.0	223.6
-55°	215.4	216.2	216.5	216.3	216.5	216.2	215.4	214.2	212.4	210.7	208.4
-57.5°	201.3	202.3	202.3	201.5	202.3	202.3	201.3	199.8	197.9	195.9	193.6
-60°	185.9	187.0	187.1	186.7	187.1	187.0	185.9	184.5	182.7	180.6	178.2
-62.5°	169.7	170.7	171.2	171.4	171.2	170.7	169.7	168.4	166.6	164.5	162.1
-65°	153.2	154.3	154.8	155.0	154.8	154.3	153.2	151.8	150.1	148.0	145.7
-67.5°	135.9	136.8	137.6	138.0	137.6	136.8	135.9	134.6	132.9	131.1	129.0
-70°	118.2	119.3	119.2	118.8	119.2	119.3	118.2	116.9	115.3	113.5	111.7
-72.5°	99.4	100.2	100.4	100.2	100.4	100.2	99.4	98.4	97.2	95.8	94.4
-75°	80.3	80.6	80.7	80.5	80.7	80.6	80.3	79.9	79.1	78.2	77.0
-77.5°	62.3	62.7	62.9	63.0	62.9	62.7	62.3	61.7	61.0	60.2	59.7
-80°	45.3	45.3	45.2	44.9	45.2	45.3	45.3	45.2	44.9	44.6	44.3
-82.5°	31.6	31.6	31.8	31.8	31.8	31.6	31.6	31.4	31.2	31.0	30.9
-85°	18.2	18.0	18.3	18.6	18.3	18.0	18.2	18.3	18.4	18.4	18.2
-87.5°	6.7	6.6	6.8	7.1	6.8	6.6	6.7	6.7	6.8	6.9	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: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	7.0	7.0	7.0	7.2	7.4	7.5	7.6	7.4	7.1	6.9	6.6
85°	18.0	17.7	17.5	17.2	16.9	16.6	16.3	16.1	15.7	15.3	14.8
82.5°	30.7	30.4	30.0	29.2	28.4	27.5	26.6	26.1	25.6	24.9	24.3
80°	43.9	43.5	42.9	42.1	41.1	39.9	38.6	37.6	36.4	35.3	34.5
77.5°	59.1	58.2	57.3	56.2	55.0	53.6	52.1	50.8	49.5	47.9	46.5
75°	75.7	74.3	72.9	71.5	70.0	68.2	66.6	65.1	63.3	61.2	59.5
72.5°	92.7	90.8	88.8	87.0	85.0	82.9	81.2	79.7	77.7	75.2	73.6
70°	109.7	107.4	105.1	102.6	100.0	97.2	95.6	94.2	92.3	89.9	88.4
67.5°	126.6	123.9	121.3	118.6	115.6	112.2	110.5	108.7	106.6	104.0	103.4
65°	143.1	140.2	137.8	134.9	131.6	127.9	126.4	124.4	121.8	119.1	118.6
62.5°	159.1	155.7	153.4	150.7	147.4	144.4	142.9	140.6	137.6	135.6	135.3
60°	175.4	172.4	169.9	166.8	163.2	160.8	159.6	157.2	153.8	153.0	152.6
57.5°	190.8	188.2	185.9	183.0	179.3	178.2	176.9	174.4	170.9	171.4	170.6
55°	205.4	203.4	201.5	198.8	195.5	195.8	194.8	192.4	190.3	190.9	189.9
52.5°	220.4	219.6	217.9	214.9	213.5	214.3	213.1	210.7	211.1	211.8	210.3
50°	238.1	237.6	235.8	232.9	233.7	234.4	233.5	230.5	233.3	234.0	231.9
47.5°	257.9	257.8	255.6	252.9	256.2	256.7	255.6	255.8	258.2	257.5	255.0
45°	280.9	281.1	278.8	279.2	281.4	281.9	279.6	283.9	285.4	283.9	279.4
42.5°	308.7	308.4	305.9	309.8	311.1	310.4	311.1	315.6	315.6	312.4	312.6
40°	343.8	341.7	342.3	346.0	346.6	342.7	349.8	351.4	349.9	344.0	352.3
37.5°	388.2	384.4	389.2	390.3	388.5	390.7	395.7	394.6	388.0	393.8	399.0
35°	444.5	443.2	447.7	446.2	439.4	450.7	452.2	445.1	442.7	453.3	452.8
32.5°	514.8	522.3	521.4	515.0	519.2	521.7	518.3	506.3	521.7	525.7	516.4
30°	619.6	623.3	615.3	611.2	618.7	610.4	593.2	610.7	617.3	609.0	588.3
27.5°	762.5	751.9	737.3	746.7	737.9	717.9	724.0	732.9	725.1	705.1	681.6
25°	944.3	914.4	921.9	915.5	886.7	881.3	890.3	880.2	852.4	822.4	855.3
22.5°	1172.7	1161.7	1149.6	1113.4	1104.7	1107.2	1085.6	1045.2	1020.8	1052.1	1053.1
20°	1479.7	1460.6	1419.0	1403.6	1395.7	1358.3	1303.9	1298.4	1324.1	1310.9	1271.1
17.5°	1848.1	1797.9	1789.3	1765.1	1718.9	1645.5	1673.3	1683.0	1658.5	1589.9	1506.5
15°	2245.2	2274.0	2249.0	2174.7	2130.7	2163.9	2147.6	2094.1	2019.8	1894.4	1752.3
12.5°	2897.0	2854.7	2749.1	2787.8	2776.9	2736.7	2654.6	2536.7	2382.4	2179.3	1974.7
10°	3653.4	3622.8	3592.1	3541.0	3457.1	3337.7	3138.3	2916.8	2686.3	2446.9	2198.3
7.5°	4639.1	4556.5	4451.4	4264.1	4029.8	3788.3	3535.5	3271.2	2989.7	2710.3	2419.9
5°	5535.8	5293.3	5045.8	4788.7	4504.7	4215.7	3924.0	3619.5	3287.7	2966.0	2634.7
2.5°	6101.1	5848.6	5576.0	5278.9	4913.3	4544.3	4175.3	3806.5	3411.5	3039.6	2667.8
0°	6352.4	6058.3	5721.5	5386.9	5022.2	4637.3	4224.3	3845.9	3441.8	3063.4	2686.6
-2.5°	6101.1	5848.6	5576.0	5278.9	4913.3	4544.3	4175.3	3806.5	3411.5	3039.6	2667.8
-5°	5535.8	5293.3	5045.8	4788.7	4504.7	4215.7	3924.0	3619.5	3287.7	2966.0	2634.7
-7.5°	4639.1	4556.5	4451.4	4264.1	4029.8	3788.3	3535.5	3271.2	2989.7	2710.3	2419.9
-10°	3653.4	3622.8	3592.1	3541.0	3457.1	3337.7	3138.3	2916.8	2686.3	2446.9	2198.3
-12.5°	2897.0	2854.7	2749.1	2787.8	2776.9	2736.7	2654.6	2536.7	2382.4	2179.3	1974.7
-15°	2245.2	2274.0	2249.0	2174.7	2130.7	2163.9	2147.6	2094.1	2019.8	1894.4	1752.3
-17.5°	1848.1	1797.9	1789.3	1765.1	1718.9	1645.5	1673.3	1683.0	1658.5	1589.9	1506.5
-20°	1479.7	1460.6	1419.0	1403.6	1395.7	1358.3	1303.9	1298.4	1324.1	1310.9	1271.1



REPORT NUMBER: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1172.7	1161.7	1149.6	1113.4	1104.7	1107.2	1085.6	1045.2	1020.8	1052.1	1053.1
-25°	944.3	914.4	921.9	915.5	886.7	881.3	890.3	880.2	852.4	822.4	855.3
-27.5°	762.5	751.9	737.3	746.7	737.9	717.9	724.0	732.9	725.1	705.1	681.6
-30°	619.6	623.3	615.3	611.2	618.7	610.4	593.2	610.7	617.3	609.0	588.3
-32.5°	514.8	522.3	521.4	515.0	519.2	521.7	518.3	506.3	521.7	525.7	516.4
-35°	444.5	443.2	447.7	446.2	439.4	450.7	452.2	445.1	442.7	453.3	452.8
-37.5°	388.2	384.4	389.2	390.3	388.5	390.7	395.7	394.6	388.0	393.8	399.0
-40°	343.8	341.7	342.3	346.0	346.6	342.7	349.8	351.4	349.9	344.0	352.3
-42.5°	308.7	308.4	305.9	309.8	311.1	310.4	311.1	315.6	315.6	312.4	312.6
-45°	280.9	281.1	278.8	279.2	281.4	281.9	279.6	283.9	285.4	283.9	279.4
-47.5°	257.9	257.8	255.6	252.9	256.2	256.7	255.6	255.8	258.2	257.5	255.0
-50°	238.1	237.6	235.8	232.9	233.7	234.4	233.5	230.5	233.3	234.0	231.9
-52.5°	220.4	219.6	217.9	214.9	213.5	214.3	213.1	210.7	211.1	211.8	210.3
-55°	205.4	203.4	201.5	198.8	195.5	195.8	194.8	192.4	190.3	190.9	189.9
-57.5°	190.8	188.2	185.9	183.0	179.3	178.2	176.9	174.4	170.9	171.4	170.6
-60°	175.4	172.4	169.9	166.8	163.2	160.8	159.6	157.2	153.8	153.0	152.6
-62.5°	159.1	155.7	153.4	150.7	147.4	144.4	142.9	140.6	137.6	135.6	135.3
-65°	143.1	140.2	137.8	134.9	131.6	127.9	126.4	124.4	121.8	119.1	118.6
-67.5°	126.6	123.9	121.3	118.6	115.6	112.2	110.5	108.7	106.6	104.0	103.4
-70°	109.7	107.4	105.1	102.6	100.0	97.2	95.6	94.2	92.3	89.9	88.4
-72.5°	92.7	90.8	88.8	87.0	85.0	82.9	81.2	79.7	77.7	75.2	73.6
-75°	75.7	74.3	72.9	71.5	70.0	68.2	66.6	65.1	63.3	61.2	59.5
-77.5°	59.1	58.2	57.3	56.2	55.0	53.6	52.1	50.8	49.5	47.9	46.5
-80°	43.9	43.5	42.9	42.1	41.1	39.9	38.6	37.6	36.4	35.3	34.5
-82.5°	30.7	30.4	30.0	29.2	28.4	27.5	26.6	26.1	25.6	24.9	24.3
-85°	18.0	17.7	17.5	17.2	16.9	16.6	16.3	16.1	15.7	15.3	14.8
-87.5°	7.0	7.0	7.0	7.2	7.4	7.5	7.6	7.4	7.1	6.9	6.6
-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: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	6.4	6.2	5.9	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4
85°	14.3	13.7	13.0	12.1	11.2	10.1	9.5	8.8	8.2	7.5	6.7
82.5°	23.6	22.8	22.0	21.0	20.1	18.9	17.4	15.7	13.7	11.5	10.1
80°	34.2	33.5	32.4	30.9	29.4	27.7	26.0	24.0	21.4	18.6	15.6
77.5°	45.9	44.9	43.6	42.0	40.1	37.9	35.3	32.5	29.2	25.8	22.1
75°	58.6	57.5	55.9	53.8	51.1	48.0	44.9	41.5	37.6	33.1	28.5
72.5°	72.5	70.9	68.7	65.9	62.7	59.1	55.0	50.6	46.3	41.1	35.2
70°	86.9	84.8	82.2	79.2	75.1	70.2	65.5	60.6	55.0	49.2	42.6
67.5°	101.8	99.4	96.3	92.8	88.6	83.1	76.4	70.9	64.9	57.3	50.0
65°	117.3	114.6	110.8	107.3	102.5	96.4	89.2	82.0	74.8	66.7	57.3
62.5°	133.6	130.6	126.9	122.5	117.0	110.3	102.3	94.5	85.2	76.1	65.6
60°	150.8	147.5	143.7	139.0	132.4	124.5	116.3	107.2	97.1	85.6	74.2
57.5°	168.6	165.0	161.9	156.4	149.0	139.7	130.9	120.9	108.9	96.1	82.9
55°	187.1	183.8	180.9	175.0	166.3	155.9	146.7	135.4	121.2	107.0	91.5
52.5°	206.8	204.5	201.1	194.5	185.0	173.8	164.7	150.3	135.2	117.7	101.1
50°	227.6	227.6	223.1	215.2	204.3	195.0	183.5	168.0	149.3	129.2	110.8
47.5°	253.3	252.9	247.6	237.3	224.9	217.9	204.9	186.6	163.7	142.2	120.6
45°	282.5	280.5	274.0	262.4	251.3	243.8	228.0	205.9	181.3	155.6	130.5
42.5°	314.8	311.3	302.3	288.8	284.3	272.5	252.3	227.8	199.3	168.9	141.4
40°	352.7	345.3	332.8	326.0	321.3	303.5	280.3	250.9	217.7	183.2	153.0
37.5°	394.6	383.7	367.1	372.3	362.5	340.5	310.4	274.7	236.9	199.4	164.4
35°	443.6	426.7	427.0	426.3	409.6	380.0	341.9	300.5	258.1	215.5	175.6
32.5°	497.3	492.9	500.4	488.2	461.2	422.0	377.3	329.0	279.7	231.5	186.7
30°	573.4	591.6	583.6	556.2	518.2	470.1	415.2	358.1	301.4	247.3	198.1
27.5°	704.7	704.1	677.2	634.8	582.1	521.1	453.6	387.7	323.3	263.9	211.0
25°	852.9	831.6	785.5	721.4	649.9	572.2	492.6	417.7	347.0	281.7	223.5
22.5°	1022.1	970.6	902.8	813.5	717.0	624.7	534.2	450.5	371.6	299.2	235.6
20°	1205.2	1118.8	1025.7	903.8	789.4	681.9	578.2	483.1	395.8	316.3	247.1
17.5°	1401.2	1271.8	1142.7	1001.7	865.3	739.6	622.0	515.1	419.5	332.8	258.2
15°	1591.1	1424.8	1263.1	1100.2	941.6	797.2	665.4	546.3	442.4	348.5	266.8
12.5°	1778.3	1579.8	1385.2	1198.2	1017.3	854.0	707.7	576.5	464.4	359.8	272.5
10°	1965.1	1734.8	1507.2	1294.6	1091.4	909.3	748.6	600.0	474.7	367.1	277.1
7.5°	2149.1	1887.4	1627.2	1387.9	1155.2	945.4	766.0	610.6	481.6	372.9	280.8
5°	2299.3	1987.0	1681.8	1415.6	1173.2	959.8	776.8	618.9	486.3	377.3	283.5
2.5°	2319.6	2003.4	1689.9	1426.5	1185.1	969.6	784.0	624.6	488.9	380.3	285.2
0°	2327.4	2008.7	1688.9	1429.8	1191.1	974.8	787.5	627.6	489.6	381.7	285.9
-2.5°	2319.6	2003.4	1689.9	1426.5	1185.1	969.6	784.0	624.6	488.9	380.3	285.2
-5°	2299.3	1987.0	1681.8	1415.6	1173.2	959.8	776.8	618.9	486.3	377.3	283.5
-7.5°	2149.1	1887.4	1627.2	1387.9	1155.2	945.4	766.0	610.6	481.6	372.9	280.8
-10°	1965.1	1734.8	1507.2	1294.6	1091.4	909.3	748.6	600.0	474.7	367.1	277.1
-12.5°	1778.3	1579.8	1385.2	1198.2	1017.3	854.0	707.7	576.5	464.4	359.8	272.5
-15°	1591.1	1424.8	1263.1	1100.2	941.6	797.2	665.4	546.3	442.4	348.5	266.8
-17.5°	1401.2	1271.8	1142.7	1001.7	865.3	739.6	622.0	515.1	419.5	332.8	258.2
-20°	1205.2	1118.8	1025.7	903.8	789.4	681.9	578.2	483.1	395.8	316.3	247.1



REPORT NUMBER: P558606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-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°	1022.1	970.6	902.8	813.5	717.0	624.7	534.2	450.5	371.6	299.2	235.6
-25°	852.9	831.6	785.5	721.4	649.9	572.2	492.6	417.7	347.0	281.7	223.5
-27.5°	704.7	704.1	677.2	634.8	582.1	521.1	453.6	387.7	323.3	263.9	211.0
-30°	573.4	591.6	583.6	556.2	518.2	470.1	415.2	358.1	301.4	247.3	198.1
-32.5°	497.3	492.9	500.4	488.2	461.2	422.0	377.3	329.0	279.7	231.5	186.7
-35°	443.6	426.7	427.0	426.3	409.6	380.0	341.9	300.5	258.1	215.5	175.6
-37.5°	394.6	383.7	367.1	372.3	362.5	340.5	310.4	274.7	236.9	199.4	164.4
-40°	352.7	345.3	332.8	326.0	321.3	303.5	280.3	250.9	217.7	183.2	153.0
-42.5°	314.8	311.3	302.3	288.8	284.3	272.5	252.3	227.8	199.3	168.9	141.4
-45°	282.5	280.5	274.0	262.4	251.3	243.8	228.0	205.9	181.3	155.6	130.5
-47.5°	253.3	252.9	247.6	237.3	224.9	217.9	204.9	186.6	163.7	142.2	120.6
-50°	227.6	227.6	223.1	215.2	204.3	195.0	183.5	168.0	149.3	129.2	110.8
-52.5°	206.8	204.5	201.1	194.5	185.0	173.8	164.7	150.3	135.2	117.7	101.1
-55°	187.1	183.8	180.9	175.0	166.3	155.9	146.7	135.4	121.2	107.0	91.5
-57.5°	168.6	165.0	161.9	156.4	149.0	139.7	130.9	120.9	108.9	96.1	82.9
-60°	150.8	147.5	143.7	139.0	132.4	124.5	116.3	107.2	97.1	85.6	74.2
-62.5°	133.6	130.6	126.9	122.5	117.0	110.3	102.3	94.5	85.2	76.1	65.6
-65°	117.3	114.6	110.8	107.3	102.5	96.4	89.2	82.0	74.8	66.7	57.3
-67.5°	101.8	99.4	96.3	92.8	88.6	83.1	76.4	70.9	64.9	57.3	50.0
-70°	86.9	84.8	82.2	79.2	75.1	70.2	65.5	60.6	55.0	49.2	42.6
-72.5°	72.5	70.9	68.7	65.9	62.7	59.1	55.0	50.6	46.3	41.1	35.2
-75°	58.6	57.5	55.9	53.8	51.1	48.0	44.9	41.5	37.6	33.1	28.5
-77.5°	45.9	44.9	43.6	42.0	40.1	37.9	35.3	32.5	29.2	25.8	22.1
-80°	34.2	33.5	32.4	30.9	29.4	27.7	26.0	24.0	21.4	18.6	15.6
-82.5°	23.6	22.8	22.0	21.0	20.1	18.9	17.4	15.7	13.7	11.5	10.1
-85°	14.3	13.7	13.0	12.1	11.2	10.1	9.5	8.8	8.2	7.5	6.7
-87.5°	6.4	6.2	5.9	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4
-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°	3.0	2.6	2.2	1.8	1.2	0.6	0.0
85°	6.0	5.3	4.5	3.5	2.5	1.2	0.0
82.5°	8.9	7.9	6.7	5.3	3.7	1.9	0.0
80°	12.2	10.5	8.9	7.0	4.9	2.5	0.0
77.5°	18.0	14.0	11.1	8.8	6.1	3.1	0.0
75°	23.8	19.0	13.7	10.5	7.3	3.7	0.0
72.5°	29.5	23.9	17.8	12.3	8.5	4.3	0.0
70°	35.4	28.8	21.8	14.2	9.7	4.9	0.0
67.5°	42.0	33.7	25.8	17.3	10.9	5.4	0.0
65°	48.6	39.0	29.8	20.4	12.0	6.0	0.0
62.5°	55.2	44.7	33.7	23.4	13.1	6.6	0.0
60°	61.7	50.3	37.6	26.4	14.2	7.1	0.0
57.5°	69.2	55.9	42.1	29.3	16.1	7.6	0.0
55°	76.7	61.4	46.6	32.1	18.0	8.1	0.0
52.5°	84.1	66.9	51.1	34.9	19.9	8.6	0.0
50°	91.3	73.0	55.4	37.6	21.6	9.1	0.0
47.5°	98.7	79.0	59.7	40.4	23.4	9.6	0.0
45°	107.2	84.9	63.8	43.5	25.1	10.0	0.0
42.5°	115.6	90.6	67.9	46.6	26.7	10.5	0.0
40°	124.0	96.1	72.0	49.4	28.2	10.9	0.0
37.5°	132.2	101.5	76.3	52.0	29.7	11.3	0.0
35°	140.3	107.6	80.4	54.5	31.1	11.6	0.0
32.5°	148.7	114.0	84.3	56.8	32.4	12.0	0.0
30°	157.6	120.2	88.0	58.9	33.7	12.3	0.0
27.5°	166.2	126.1	91.1	60.8	34.8	12.6	0.0
25°	174.5	131.8	94.0	62.6	35.9	12.9	0.0
22.5°	182.4	136.9	96.6	64.2	36.9	13.1	0.0
20°	189.9	140.8	99.1	65.6	37.8	13.3	0.0
17.5°	195.6	144.2	101.3	66.9	38.6	13.5	0.0
15°	199.8	147.2	103.2	67.9	39.3	13.7	0.0
12.5°	203.4	149.6	105.0	68.8	40.0	13.9	0.0
10°	206.4	151.6	106.4	69.5	40.5	14.0	0.0
7.5°	208.7	153.1	107.6	70.1	40.9	14.1	0.0
5°	210.4	154.2	108.5	70.4	41.3	14.1	0.0
2.5°	211.5	154.8	109.2	70.6	41.5	14.2	0.0
0°	211.9	155.0	109.5	70.6	41.6	14.2	0.0
-2.5°	211.5	154.8	109.2	70.6	41.5	14.2	0.0
-5°	210.4	154.2	108.5	70.4	41.3	14.1	0.0
-7.5°	208.7	153.1	107.6	70.1	40.9	14.1	0.0
-10°	206.4	151.6	106.4	69.5	40.5	14.0	0.0
-12.5°	203.4	149.6	105.0	68.8	40.0	13.9	0.0
-15°	199.8	147.2	103.2	67.9	39.3	13.7	0.0
-17.5°	195.6	144.2	101.3	66.9	38.6	13.5	0.0
-20°	189.9	140.8	99.1	65.6	37.8	13.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	182.4	136.9	96.6	64.2	36.9	13.1	0.0
-25°	174.5	131.8	94.0	62.6	35.9	12.9	0.0
-27.5°	166.2	126.1	91.1	60.8	34.8	12.6	0.0
-30°	157.6	120.2	88.0	58.9	33.7	12.3	0.0
-32.5°	148.7	114.0	84.3	56.8	32.4	12.0	0.0
-35°	140.3	107.6	80.4	54.5	31.1	11.6	0.0
-37.5°	132.2	101.5	76.3	52.0	29.7	11.3	0.0
-40°	124.0	96.1	72.0	49.4	28.2	10.9	0.0
-42.5°	115.6	90.6	67.9	46.6	26.7	10.5	0.0
-45°	107.2	84.9	63.8	43.5	25.1	10.0	0.0
-47.5°	98.7	79.0	59.7	40.4	23.4	9.6	0.0
-50°	91.3	73.0	55.4	37.6	21.6	9.1	0.0
-52.5°	84.1	66.9	51.1	34.9	19.9	8.6	0.0
-55°	76.7	61.4	46.6	32.1	18.0	8.1	0.0
-57.5°	69.2	55.9	42.1	29.3	16.1	7.6	0.0
-60°	61.7	50.3	37.6	26.4	14.2	7.1	0.0
-62.5°	55.2	44.7	33.7	23.4	13.1	6.6	0.0
-65°	48.6	39.0	29.8	20.4	12.0	6.0	0.0
-67.5°	42.0	33.7	25.8	17.3	10.9	5.4	0.0
-70°	35.4	28.8	21.8	14.2	9.7	4.9	0.0
-72.5°	29.5	23.9	17.8	12.3	8.5	4.3	0.0
-75°	23.8	19.0	13.7	10.5	7.3	3.7	0.0
-77.5°	18.0	14.0	11.1	8.8	6.1	3.1	0.0
-80°	12.2	10.5	8.9	7.0	4.9	2.5	0.0
-82.5°	8.9	7.9	6.7	5.3	3.7	1.9	0.0
-85°	6.0	5.3	4.5	3.5	2.5	1.2	0.0
-87.5°	3.0	2.6	2.2	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)