

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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
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-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

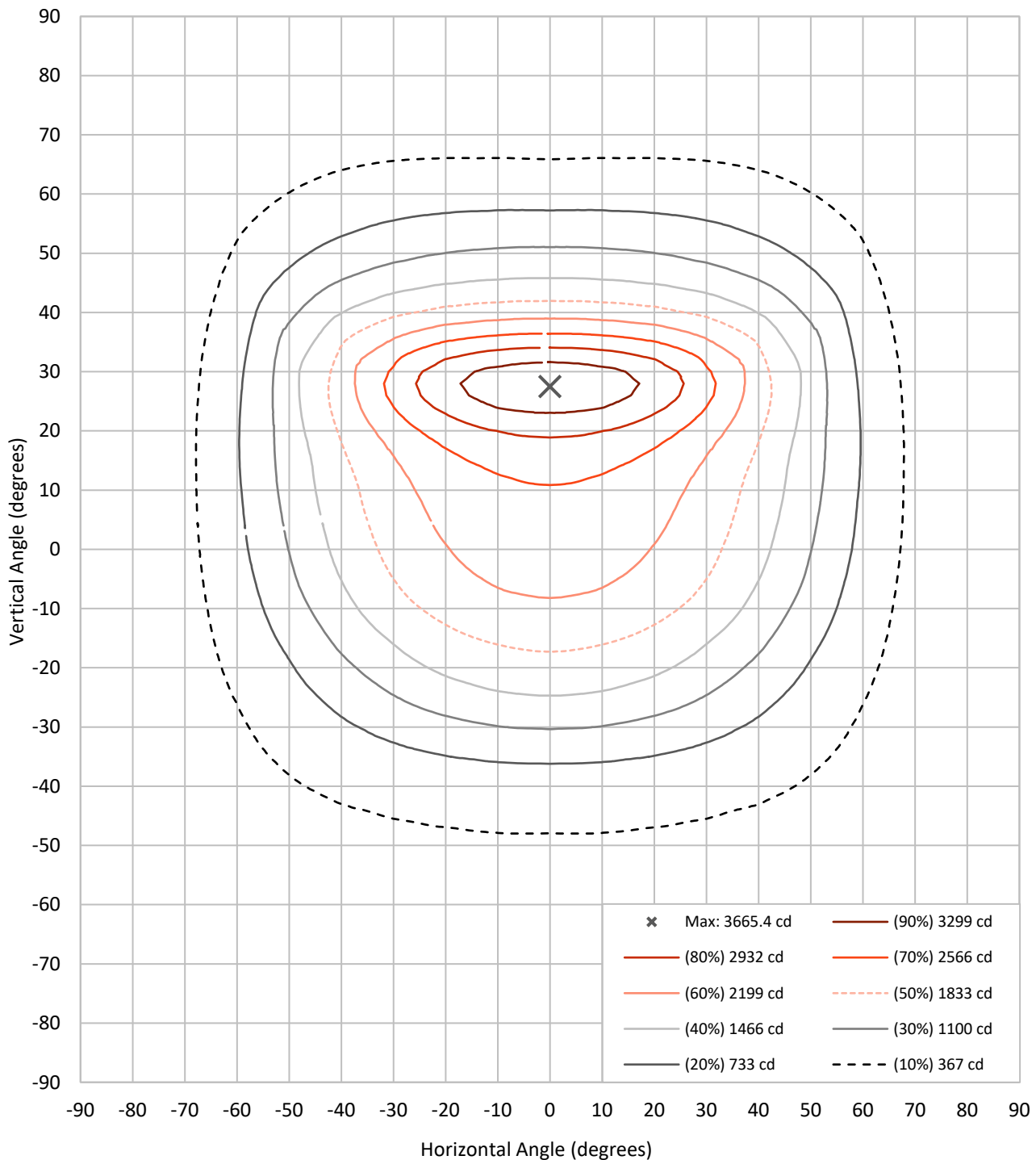
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5343.5 lumens	Max Intensity:	3665.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	83.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2777 lumens	Field Lumens:	4943.2 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
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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CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

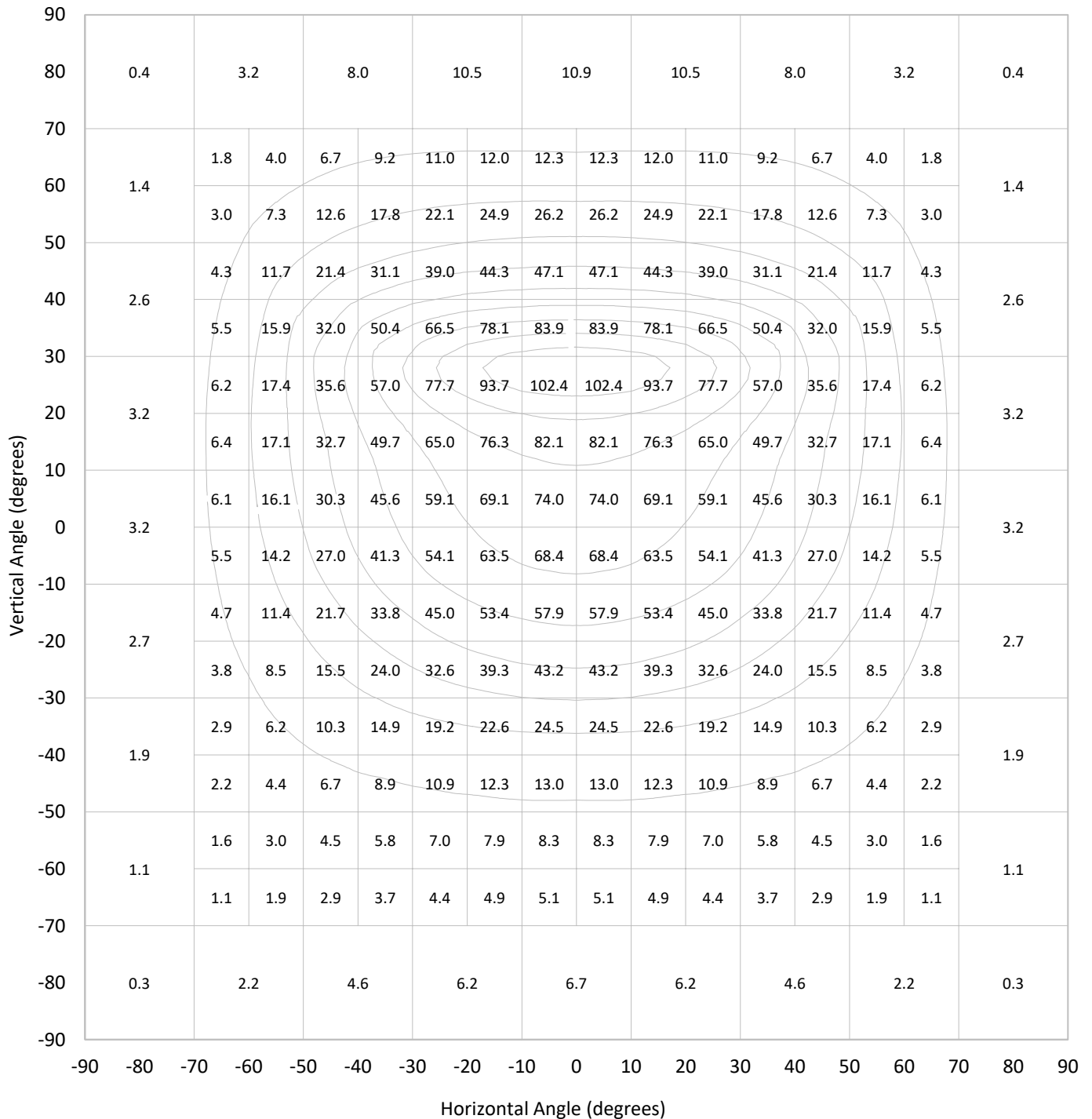
Iso-Candela Plot





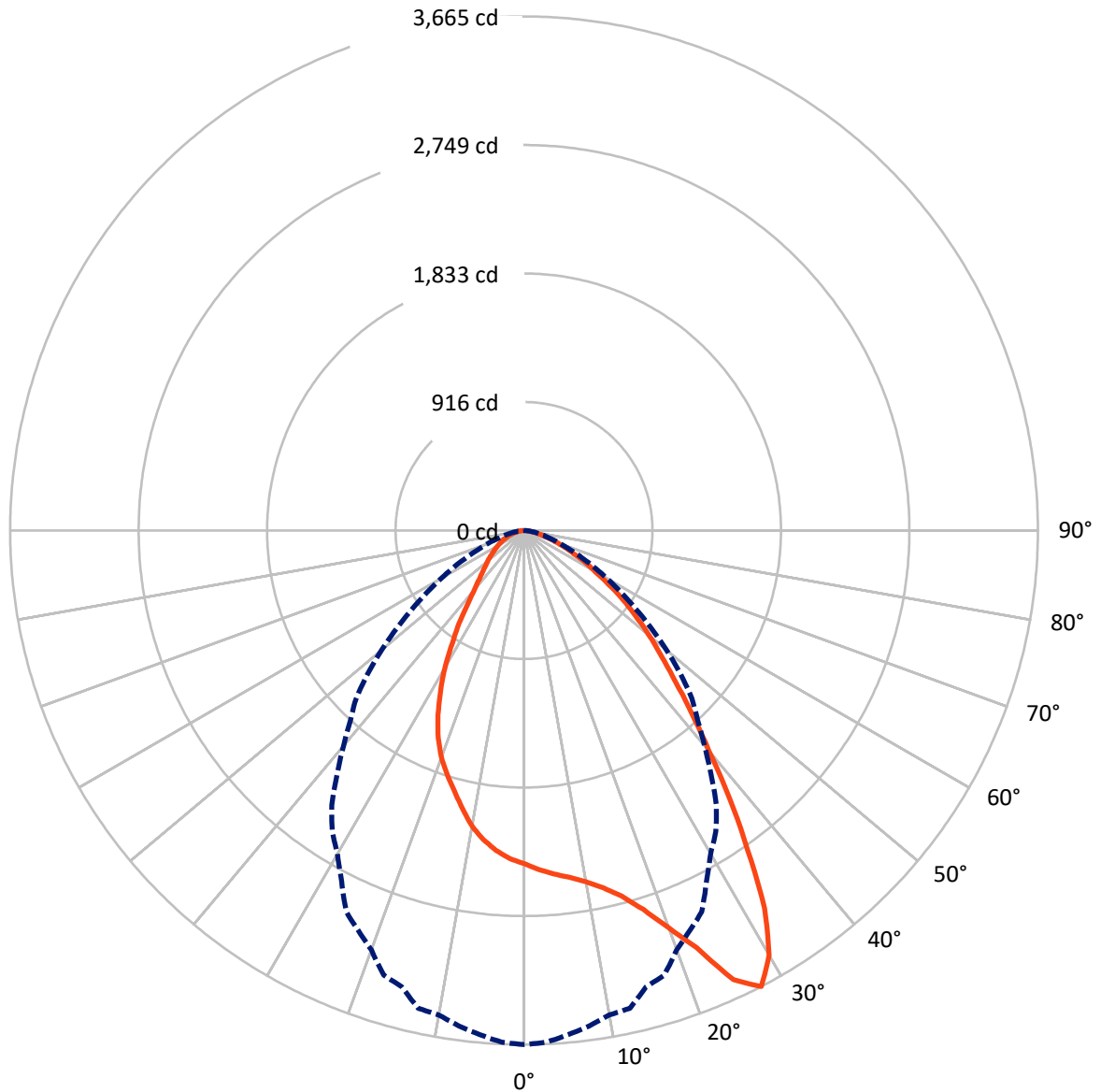
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 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

Lumen Table



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
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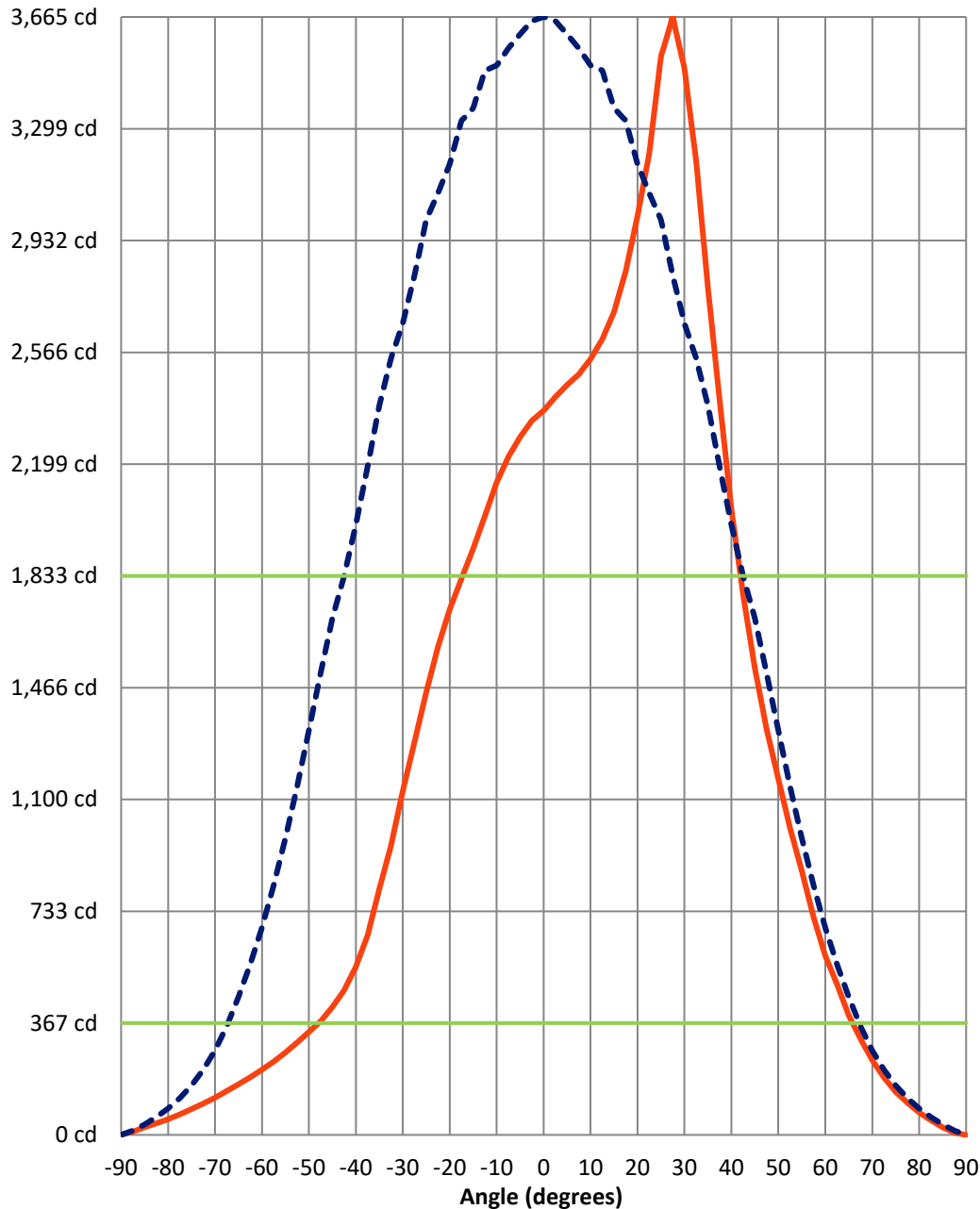
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 2777
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 4943.2
 Efficiency: 92.5%

Spill:
 Lumens: 400.3
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.7	5.3	5.9	6.4
85°	0.0	1.4	2.9	4.2	5.6	6.9	8.2	9.4	10.6	11.7	12.8
82.5°	0.0	2.1	4.3	6.3	8.4	10.3	12.2	14.1	16.2	19.7	23.4
80°	0.0	2.8	5.7	8.4	11.1	13.8	16.6	21.3	26.1	31.1	36.3
77.5°	0.0	3.5	7.1	10.5	13.9	17.9	23.6	29.6	35.9	42.4	50.0
75°	0.0	4.2	8.5	12.6	16.9	23.5	30.5	37.9	45.8	55.8	66.1
72.5°	0.0	4.8	9.8	14.6	21.1	29.0	37.3	46.6	58.1	69.9	82.0
70°	0.0	5.5	11.2	16.9	25.3	34.4	44.2	57.0	70.2	83.8	99.6
67.5°	0.0	6.2	12.5	19.8	29.4	39.6	52.7	67.2	82.1	99.7	117.4
65°	0.0	6.8	13.8	22.7	33.4	45.5	60.9	77.2	95.8	115.3	135.8
62.5°	0.0	7.4	15.1	25.6	37.3	51.9	68.9	88.3	109.3	131.0	156.1
60°	0.0	8.0	16.3	28.3	41.1	58.0	76.5	99.6	122.3	148.4	175.8
57.5°	0.0	8.6	18.0	31.0	45.6	64.0	85.2	110.5	136.5	165.1	198.2
55°	0.0	9.2	19.7	33.6	50.0	69.6	93.6	120.7	150.6	182.0	221.2
52.5°	0.0	9.8	21.4	36.1	54.2	75.2	101.6	131.4	164.0	201.0	242.9
50°	0.0	10.3	22.9	38.5	58.3	81.3	109.1	141.7	177.6	218.7	268.8
47.5°	0.0	10.8	24.5	40.9	62.1	87.1	116.2	151.2	192.0	235.3	293.5
45°	0.0	11.3	25.9	43.5	65.6	92.4	123.7	160.0	204.5	255.4	316.3
42.5°	0.0	11.8	27.3	46.1	69.0	97.4	130.5	169.2	216.1	273.8	341.8
40°	0.0	12.2	28.6	48.5	72.4	101.9	136.8	178.5	227.7	290.5	365.8
37.5°	0.0	12.7	29.9	50.7	75.8	106.1	142.5	186.8	240.3	305.7	387.2
35°	0.0	13.1	31.1	52.9	78.9	110.2	147.5	194.4	251.4	321.8	407.5
32.5°	0.0	13.5	32.2	54.8	81.7	114.1	152.3	201.0	261.0	335.6	425.5
30°	0.0	13.8	33.2	56.6	84.2	117.5	157.5	207.2	269.1	347.1	440.4
27.5°	0.0	14.1	34.1	58.3	86.5	120.4	162.0	213.6	276.6	356.2	452.3
25°	0.0	14.4	35.0	59.8	88.6	122.8	165.8	218.9	283.9	364.7	461.2
22.5°	0.0	14.7	35.8	61.2	90.4	125.0	168.9	222.9	289.4	371.5	468.8
20°	0.0	14.9	36.5	62.4	91.9	127.1	171.3	225.9	293.1	375.9	473.8
17.5°	0.0	15.2	37.1	63.4	93.1	128.9	173.4	227.7	295.2	378.0	476.0
15°	0.0	15.3	37.6	64.2	94.1	130.3	175.2	229.0	295.6	377.9	475.7
12.5°	0.0	15.5	38.0	64.9	94.7	131.3	176.3	230.0	295.6	375.6	472.9
10°	0.0	15.6	38.4	65.5	95.1	131.9	176.7	230.0	295.1	374.5	468.6
7.5°	0.0	15.7	38.6	65.8	95.3	132.2	176.5	229.2	293.3	372.1	463.8
5°	0.0	15.8	38.8	66.1	95.1	132.1	175.7	227.6	290.4	368.2	456.7
2.5°	0.0	15.8	38.9	66.1	94.8	131.6	174.4	225.2	286.4	362.7	447.5
0°	0.0	15.8	38.9	66.0	94.2	130.8	172.5	222.1	281.3	355.8	436.4
-2.5°	0.0	15.8	38.8	65.7	93.7	129.6	170.5	218.8	276.3	348.1	425.2
-5°	0.0	15.8	38.6	65.2	93.1	128.0	168.1	214.9	270.5	339.2	412.6
-7.5°	0.0	15.8	38.4	64.6	92.2	126.1	165.2	210.4	263.8	329.2	398.7
-10°	0.0	15.7	38.0	63.9	91.1	123.9	161.9	205.4	256.4	318.3	383.7
-12.5°	0.0	15.6	37.6	63.0	89.8	121.5	158.2	199.9	248.4	306.6	369.0
-15°	0.0	15.5	37.1	62.0	88.3	118.8	154.1	193.9	240.1	295.1	354.0
-17.5°	0.0	15.3	36.5	60.8	86.6	115.9	149.6	187.9	231.9	282.9	338.2
-20°	0.0	15.1	35.8	59.5	84.7	112.8	145.0	181.8	223.2	270.3	321.7



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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	14.9	35.1	58.1	82.6	109.5	140.4	175.3	214.1	257.2	304.8
-25°	0.0	14.6	34.3	56.6	80.3	106.2	135.5	168.4	204.7	243.7	287.4
-27.5°	0.0	14.4	33.5	54.9	77.9	102.7	130.3	161.2	195.0	230.7	271.0
-30°	0.0	14.1	32.5	53.2	75.3	99.1	124.9	153.6	185.7	218.9	254.6
-32.5°	0.0	13.7	31.5	51.3	72.6	95.2	119.3	146.5	176.3	206.9	238.2
-35°	0.0	13.3	30.5	49.4	69.7	91.1	114.1	139.5	166.8	195.0	222.1
-37.5°	0.0	12.9	29.4	47.3	66.8	87.0	108.9	132.3	156.9	183.1	208.7
-40°	0.0	12.5	28.2	45.2	63.7	83.1	103.6	125.1	146.9	171.6	196.1
-42.5°	0.0	12.1	27.0	43.0	60.6	79.1	98.1	117.7	137.8	160.4	183.2
-45°	0.0	11.6	25.7	40.7	57.5	74.9	92.4	110.6	129.3	149.2	170.2
-47.5°	0.0	11.1	24.4	38.3	54.3	70.6	86.5	103.7	120.8	138.0	157.8
-50°	0.0	10.6	23.1	36.2	51.1	66.2	81.1	96.8	112.4	128.5	145.5
-52.5°	0.0	10.0	21.7	34.1	47.7	61.6	75.8	89.7	104.2	119.0	133.4
-55°	0.0	9.5	20.2	31.9	44.2	57.3	70.3	82.6	96.1	109.2	122.6
-57.5°	0.0	8.9	18.8	29.7	40.6	52.9	64.8	76.3	87.9	99.9	111.8
-60°	0.0	8.3	17.3	27.4	37.0	48.3	59.3	69.9	79.8	90.6	101.1
-62.5°	0.0	7.6	16.0	25.1	34.0	43.8	53.8	63.4	72.5	81.3	90.8
-65°	0.0	7.0	14.6	22.7	30.8	39.1	48.3	56.9	65.0	72.8	80.5
-67.5°	0.0	6.3	13.3	20.3	27.6	34.7	42.7	50.5	57.6	64.5	71.1
-70°	0.0	5.7	11.9	17.8	24.4	30.7	37.0	44.0	50.4	56.2	62.0
-72.5°	0.0	5.0	10.5	15.6	21.1	26.7	32.1	37.5	43.2	48.4	53.0
-75°	0.0	4.3	9.0	13.4	17.8	22.6	27.3	31.7	36.0	40.6	44.7
-77.5°	0.0	3.6	7.5	11.2	14.8	18.5	22.4	26.2	29.8	33.1	36.5
-80°	0.0	2.9	6.1	9.0	11.9	14.7	17.5	20.6	23.6	26.3	28.9
-82.5°	0.0	2.2	4.6	6.8	8.9	11.0	13.1	15.2	17.3	19.5	21.5
-85°	0.0	1.5	3.0	4.5	6.0	7.4	8.7	10.2	11.5	12.9	14.3
-87.5°	0.0	0.7	1.5	2.3	3.0	3.7	4.4	5.1	5.8	6.5	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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	7.1	7.3	7.5	7.7	8.0	8.2	8.3	8.5	8.6	8.7
85°	13.5	14.1	15.8	17.4	19.0	20.5	21.9	23.0	24.0	24.8	25.4
82.5°	26.4	29.3	32.0	34.5	36.8	38.9	40.8	43.1	44.9	46.4	47.7
80°	40.6	44.4	49.2	53.6	57.5	61.1	64.4	67.4	69.7	72.0	74.3
77.5°	57.0	63.3	69.1	74.5	79.7	85.7	91.3	96.4	100.4	103.4	105.7
75°	74.7	82.1	90.6	99.0	106.9	114.2	121.2	129.8	136.8	142.1	146.3
72.5°	93.6	104.3	114.7	124.7	136.3	147.6	158.5	169.1	178.3	185.1	190.7
70°	114.0	126.4	140.7	155.2	169.1	183.3	198.4	212.1	223.4	231.5	239.1
67.5°	134.9	152.3	169.2	186.6	206.4	224.4	240.8	258.2	273.5	283.6	292.4
65°	158.9	178.3	201.0	224.1	245.8	268.3	289.1	307.9	327.2	341.2	352.8
62.5°	182.1	209.5	236.2	263.2	290.5	314.9	342.1	366.3	385.7	405.8	423.0
60°	209.7	242.2	274.9	307.5	338.0	372.4	402.2	430.3	456.2	478.6	499.8
57.5°	237.2	279.1	317.9	356.2	396.5	433.2	468.2	499.7	530.8	556.7	582.1
55°	266.1	320.1	364.8	412.1	456.5	497.9	537.3	576.8	609.9	645.6	676.6
52.5°	298.2	359.9	417.7	469.8	519.8	567.6	614.6	662.2	708.6	745.6	780.8
50°	328.2	401.8	471.3	530.7	588.1	644.9	703.7	763.2	814.4	856.7	893.3
47.5°	361.3	440.7	529.0	594.7	663.6	734.0	805.4	871.1	926.8	984.4	1024.8
45°	393.5	480.0	575.8	667.0	746.8	832.0	910.7	983.1	1063.9	1126.8	1180.7
42.5°	422.9	517.3	623.9	740.0	839.8	931.2	1016.4	1118.2	1211.1	1284.6	1351.9
40°	453.1	551.2	667.6	807.8	932.5	1030.1	1133.7	1246.3	1367.1	1457.6	1538.1
37.5°	480.7	585.9	707.7	859.5	1023.8	1131.1	1245.7	1367.8	1505.6	1641.7	1738.4
35°	505.2	615.2	747.4	901.6	1069.8	1229.0	1350.1	1480.2	1631.0	1807.6	1939.6
32.5°	527.4	639.2	778.9	934.4	1105.0	1291.7	1445.4	1579.0	1730.2	1912.4	2136.7
30°	545.4	662.5	802.4	958.1	1129.3	1315.1	1510.4	1655.9	1799.4	1978.2	2186.9
27.5°	559.2	679.5	818.5	972.9	1142.2	1326.0	1513.8	1693.3	1832.3	2000.6	2190.3
25°	569.7	693.4	827.0	978.4	1144.1	1321.2	1501.9	1671.8	1827.8	1976.2	2146.5
22.5°	578.4	703.1	836.4	974.7	1135.4	1304.2	1474.2	1636.1	1787.1	1926.0	2072.5
20°	585.0	709.2	841.2	978.4	1120.9	1276.6	1439.1	1593.3	1739.1	1873.6	1992.8
17.5°	587.9	711.1	841.2	977.7	1118.5	1254.6	1396.1	1544.3	1687.8	1821.3	1939.2
15°	587.4	708.7	836.6	972.5	1111.2	1246.0	1376.4	1498.6	1632.2	1767.3	1884.6
12.5°	583.5	702.3	827.5	962.7	1099.3	1232.5	1360.5	1483.3	1603.0	1716.2	1828.4
10°	576.4	692.1	814.1	948.5	1082.8	1214.0	1340.4	1463.6	1582.1	1693.2	1797.7
7.5°	569.1	680.6	798.0	929.9	1061.8	1190.7	1316.0	1439.4	1555.6	1666.4	1771.9
5°	559.5	668.4	785.7	912.1	1039.2	1165.0	1287.6	1410.3	1523.5	1635.3	1741.3
2.5°	547.4	653.3	770.3	890.5	1013.9	1138.4	1256.8	1377.4	1493.3	1600.8	1705.2
0°	532.8	635.4	751.6	864.9	984.4	1107.3	1221.2	1339.1	1459.7	1561.2	1663.3
-2.5°	516.9	614.0	724.3	837.1	952.6	1073.1	1189.9	1301.7	1419.6	1522.2	1626.5
-5°	499.2	590.3	694.2	805.8	917.1	1034.6	1153.5	1259.8	1372.5	1473.9	1576.4
-7.5°	479.7	564.8	661.7	770.5	876.6	987.4	1100.1	1202.3	1311.8	1412.2	1512.0
-10°	459.2	539.6	630.0	730.7	830.7	934.0	1039.8	1139.9	1245.3	1345.2	1441.2
-12.5°	439.5	514.8	597.4	689.0	782.3	877.7	976.1	1072.8	1172.7	1273.1	1362.9
-15°	418.9	488.7	563.8	645.8	731.8	819.1	909.4	1000.9	1094.7	1192.9	1275.9
-17.5°	397.6	461.6	529.4	601.7	679.4	758.5	841.6	929.8	1015.7	1105.2	1185.5
-20°	375.8	433.7	494.8	557.0	626.1	702.0	779.7	858.8	936.9	1014.8	1090.2



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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°	353.7	405.2	460.7	515.5	581.2	649.7	717.9	786.7	856.6	923.7	995.0
-25°	332.3	378.7	427.8	481.1	537.4	597.8	656.4	714.5	776.6	839.5	900.8
-27.5°	311.7	352.7	399.0	446.5	493.5	547.2	598.5	647.8	701.9	757.4	806.9
-30°	291.0	330.0	370.5	412.7	454.0	498.8	543.2	586.4	630.5	678.0	721.0
-32.5°	271.9	307.4	344.4	381.3	416.4	451.2	492.1	530.5	566.6	600.4	637.9
-35°	254.4	287.0	319.1	350.9	379.8	410.4	444.7	477.0	506.0	533.1	561.8
-37.5°	237.9	266.9	293.9	322.4	348.1	374.3	399.5	427.5	451.0	472.7	496.2
-40°	221.3	247.3	271.6	295.4	319.0	340.8	362.3	381.3	400.3	421.2	437.3
-42.5°	205.0	229.1	250.9	269.2	291.4	310.2	327.0	342.7	358.1	374.4	387.4
-45°	190.7	211.2	231.1	248.5	265.2	281.3	295.5	307.8	322.4	333.7	343.5
-47.5°	176.1	193.9	212.1	228.2	242.1	255.2	265.8	278.2	290.2	299.9	305.6
-50°	161.8	178.1	193.5	208.5	221.1	231.6	240.7	251.0	261.0	269.2	274.6
-52.5°	148.7	162.2	176.5	189.3	200.9	210.3	219.0	227.9	235.3	240.9	248.0
-55°	135.7	148.2	160.1	171.6	181.5	190.1	198.6	206.5	212.8	217.7	223.6
-57.5°	123.5	134.7	145.1	154.8	163.7	171.1	179.4	186.1	192.0	196.5	202.6
-60°	111.6	121.7	131.1	139.5	146.9	154.1	160.9	167.1	172.2	176.7	182.3
-62.5°	99.8	108.9	117.4	125.1	131.7	137.8	143.9	149.2	153.4	158.1	162.7
-65°	88.7	96.4	103.8	110.8	117.1	122.9	127.9	132.2	136.2	140.3	144.1
-67.5°	77.6	84.8	91.0	96.6	102.4	108.0	112.7	116.6	120.0	123.4	126.5
-70°	67.7	73.4	79.1	84.2	88.6	93.2	97.8	101.5	104.5	107.2	109.7
-72.5°	58.0	63.1	67.8	72.1	76.2	79.9	83.4	86.8	89.6	91.7	93.5
-75°	48.8	52.7	56.8	60.6	63.9	66.7	69.5	72.2	74.4	76.2	77.7
-77.5°	39.9	43.2	46.4	49.3	51.6	53.9	56.1	58.0	59.7	61.1	62.1
-80°	31.4	33.8	36.3	38.7	40.5	42.0	43.4	44.5	45.8	47.1	48.3
-82.5°	23.3	25.1	26.8	28.4	29.6	30.7	31.6	32.5	33.4	34.3	35.0
-85°	15.3	16.3	17.4	18.4	19.3	20.2	20.9	21.5	22.0	22.5	22.8
-87.5°	7.7	8.2	8.6	9.1	9.5	10.0	10.4	10.7	11.0	11.2	11.4
-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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-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°	8.8	8.8	8.8	8.8	8.7	8.3	7.9	7.5	7.1	7.3	7.5
85°	25.8	26.0	25.9	25.6	25.2	25.2	25.1	24.9	24.6	25.0	25.3
82.5°	48.6	49.0	49.1	48.8	48.3	48.5	48.6	48.5	48.2	48.6	48.8
80°	76.0	76.7	76.8	76.3	75.2	75.4	75.5	75.3	74.8	74.9	74.8
77.5°	108.3	110.0	110.6	110.3	109.3	109.0	108.3	106.8	104.6	104.6	104.6
75°	149.5	151.2	152.1	152.0	151.0	150.4	149.4	147.7	145.3	145.2	145.2
72.5°	194.9	197.4	198.5	199.5	199.5	199.2	198.0	195.5	191.7	191.3	191.7
70°	245.1	249.3	252.0	254.1	255.7	256.1	255.2	253.2	249.9	249.0	248.8
67.5°	301.0	307.8	312.9	316.3	319.5	321.8	322.7	321.7	319.1	318.2	318.6
65°	363.7	374.1	382.7	389.1	393.5	396.5	399.1	400.7	401.1	402.0	403.3
62.5°	436.8	449.6	461.6	469.7	473.9	476.9	485.5	490.4	491.9	492.2	494.1
60°	518.5	534.7	549.6	561.6	571.3	578.6	585.9	590.8	592.6	593.0	595.6
57.5°	607.9	628.2	645.7	664.2	677.2	684.7	694.5	704.5	709.8	711.3	717.5
55°	706.7	734.5	757.1	777.0	795.0	810.9	824.4	834.8	842.5	847.1	855.3
52.5°	816.0	848.6	872.3	895.6	921.5	939.8	951.8	971.0	984.9	992.5	1002.3
50°	936.1	972.4	1004.6	1029.1	1059.3	1084.2	1102.4	1120.6	1133.3	1140.6	1150.1
47.5°	1072.7	1117.4	1154.9	1177.5	1212.5	1241.9	1253.8	1267.5	1291.5	1303.0	1313.1
45°	1226.5	1283.5	1325.1	1360.6	1390.7	1423.7	1445.3	1460.9	1484.5	1496.4	1503.8
42.5°	1409.6	1473.0	1527.8	1570.4	1595.7	1638.4	1669.7	1678.4	1711.9	1734.6	1741.3
40°	1614.9	1685.2	1757.5	1806.0	1846.7	1890.2	1941.7	1970.4	1998.7	2020.9	2025.9
37.5°	1828.8	1922.9	2005.4	2068.0	2135.4	2199.5	2254.1	2283.9	2302.4	2344.9	2360.8
35°	2046.2	2143.3	2259.0	2356.3	2438.0	2517.1	2579.4	2628.4	2675.0	2713.4	2736.3
32.5°	2231.4	2335.9	2478.7	2624.5	2712.6	2798.3	2900.5	2956.7	3019.0	3069.5	3106.3
30°	2383.5	2482.9	2613.0	2795.9	2916.5	3003.4	3132.8	3210.4	3278.2	3363.8	3393.5
27.5°	2390.8	2546.1	2661.1	2818.6	2999.7	3087.9	3183.6	3324.6	3367.4	3489.3	3506.9
25°	2328.0	2491.1	2609.2	2740.7	2891.3	2998.6	3086.0	3203.2	3264.6	3343.0	3403.3
22.5°	2229.9	2373.6	2494.1	2605.6	2723.1	2820.8	2900.7	2983.1	3050.4	3111.3	3167.8
20°	2121.5	2257.9	2372.2	2468.1	2561.2	2651.7	2723.7	2792.9	2851.1	2903.4	2935.5
17.5°	2045.2	2143.3	2260.1	2358.3	2439.0	2510.1	2584.5	2642.4	2693.5	2740.5	2769.9
15°	1993.0	2086.3	2169.5	2259.6	2344.7	2412.4	2468.4	2528.2	2572.4	2612.8	2644.7
12.5°	1938.9	2035.1	2122.1	2197.2	2263.7	2337.7	2397.6	2444.6	2491.0	2522.8	2555.5
10°	1893.7	1983.7	2073.9	2153.2	2223.3	2284.3	2340.9	2393.7	2435.3	2470.9	2496.7
7.5°	1867.5	1955.7	2036.8	2112.9	2181.2	2246.2	2304.6	2353.0	2394.2	2431.1	2458.1
5°	1837.1	1924.4	2005.4	2083.1	2148.7	2211.2	2269.4	2319.2	2361.8	2394.6	2420.5
2.5°	1802.2	1888.4	1969.1	2048.1	2113.8	2173.9	2229.0	2277.5	2322.0	2353.3	2375.3
0°	1762.5	1848.8	1927.7	2002.1	2068.1	2132.9	2183.7	2232.7	2276.1	2307.1	2329.1
-2.5°	1722.4	1808.1	1889.9	1961.2	2026.7	2086.5	2140.6	2186.9	2228.3	2259.2	2278.5
-5°	1669.2	1754.3	1835.0	1906.9	1975.3	2035.4	2087.9	2135.0	2175.0	2208.6	2234.8
-7.5°	1604.7	1690.8	1771.4	1844.8	1912.9	1969.6	2020.1	2067.5	2110.1	2146.9	2179.2
-10°	1533.8	1619.0	1695.1	1763.8	1827.3	1885.0	1938.6	1985.6	2024.6	2060.6	2087.8
-12.5°	1451.2	1530.1	1604.5	1672.3	1734.3	1792.1	1843.1	1887.8	1927.1	1959.0	1983.5
-15°	1360.1	1435.0	1505.5	1574.8	1639.7	1696.6	1741.4	1788.5	1822.6	1853.6	1875.6
-17.5°	1262.6	1335.0	1409.2	1478.6	1538.5	1594.7	1644.0	1687.1	1722.9	1751.3	1776.1
-20°	1163.8	1237.5	1308.9	1375.1	1432.7	1484.8	1534.8	1576.1	1612.8	1643.7	1672.8



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1064.6	1132.2	1199.2	1263.9	1318.4	1367.7	1411.4	1450.9	1483.3	1519.8	1545.5
-25°	962.6	1021.9	1082.4	1139.5	1191.1	1239.5	1279.2	1313.8	1347.6	1382.7	1407.8
-27.5°	860.2	912.6	961.7	1012.3	1057.5	1099.4	1136.2	1166.5	1199.3	1222.8	1250.3
-30°	758.8	806.4	847.4	882.6	925.1	961.0	989.7	1019.8	1046.9	1069.3	1092.5
-32.5°	673.1	705.6	738.3	767.8	796.0	825.6	848.7	875.0	893.5	912.9	931.6
-35°	590.6	615.7	637.5	665.0	686.1	702.2	721.4	740.7	748.2	769.2	780.4
-37.5°	516.0	532.4	552.7	571.9	587.6	599.6	616.8	626.8	632.2	645.8	653.1
-40°	452.1	462.5	481.4	494.5	504.0	512.7	526.9	533.5	540.7	547.5	547.7
-42.5°	395.9	409.2	422.1	432.3	438.3	448.3	455.0	455.7	465.1	471.1	472.1
-45°	349.9	363.5	373.6	381.2	387.1	395.7	400.0	402.4	410.1	414.2	416.0
-47.5°	314.6	324.1	332.8	338.7	346.5	352.9	356.0	360.0	365.9	369.7	372.4
-50°	283.5	291.0	297.7	303.0	310.9	316.5	319.6	324.5	328.9	331.6	333.7
-52.5°	256.2	262.9	267.6	272.8	279.2	284.2	288.1	293.0	296.7	299.0	300.9
-55°	230.7	237.0	241.5	247.2	251.8	255.1	258.4	263.2	266.8	269.2	270.8
-57.5°	208.1	212.9	217.3	222.4	226.8	230.4	233.4	236.1	238.4	240.4	242.0
-60°	187.0	190.8	194.9	198.9	202.2	204.9	208.0	210.4	212.0	212.9	214.2
-62.5°	166.7	170.1	173.7	177.0	179.6	181.8	184.4	186.4	187.8	188.8	189.5
-65°	147.4	150.4	153.4	156.1	158.4	160.3	162.1	163.5	164.5	165.4	166.0
-67.5°	129.3	131.7	133.8	135.7	137.4	139.0	140.6	141.7	142.3	142.9	143.6
-70°	111.9	113.8	115.2	116.3	117.3	118.6	120.1	121.2	121.8	122.5	123.1
-72.5°	95.0	96.4	97.6	98.5	99.1	99.9	100.9	101.8	102.4	102.9	103.2
-75°	78.8	80.0	81.0	81.7	82.1	82.7	83.2	83.5	83.5	83.7	83.9
-77.5°	62.9	64.0	65.0	65.7	66.1	66.6	67.0	67.2	67.2	67.2	67.1
-80°	49.1	49.9	50.5	51.0	51.3	51.6	51.8	51.9	51.8	51.9	51.9
-82.5°	35.7	36.4	36.9	37.3	37.6	38.0	38.2	38.4	38.5	38.6	38.5
-85°	23.1	23.4	23.7	24.0	24.2	24.4	24.5	24.5	24.4	24.4	24.4
-87.5°	11.6	11.4	11.2	11.0	10.7	10.8	10.9	10.9	10.9	11.0	11.1
-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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-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°	7.7	7.9	7.3	6.8	7.3	7.9	7.7	7.5	7.3	7.1	7.5
85°	25.6	25.8	25.3	24.8	25.3	25.8	25.6	25.3	25.0	24.6	24.9
82.5°	48.9	48.8	48.4	47.9	48.4	48.8	48.9	48.8	48.6	48.2	48.5
80°	74.5	74.0	73.8	73.3	73.8	74.0	74.5	74.8	74.9	74.8	75.3
77.5°	104.4	103.8	104.7	105.4	104.7	103.8	104.4	104.6	104.6	104.6	106.8
75°	144.7	143.5	142.5	141.0	142.5	143.5	144.7	145.2	145.2	145.3	147.7
72.5°	191.5	190.6	189.8	188.3	189.8	190.6	191.5	191.7	191.3	191.7	195.5
70°	247.3	244.7	245.1	245.3	245.1	244.7	247.3	248.8	249.0	249.9	253.2
67.5°	317.5	315.2	315.5	315.2	315.5	315.2	317.5	318.6	318.2	319.1	321.7
65°	402.5	399.9	396.6	391.9	396.6	399.9	402.5	403.3	402.0	401.1	400.7
62.5°	493.8	491.4	492.8	493.9	492.8	491.4	493.8	494.1	492.2	491.9	490.4
60°	595.2	591.9	590.2	587.5	590.2	591.9	595.2	595.6	593.0	592.6	590.8
57.5°	720.3	719.7	718.2	714.4	718.2	719.7	720.3	717.5	711.3	709.8	704.5
55°	859.1	858.3	861.5	865.5	861.5	858.3	859.1	855.3	847.1	842.5	834.8
52.5°	1009.5	1012.1	1011.2	1005.9	1011.2	1012.1	1009.5	1002.3	992.5	984.9	971.0
50°	1158.4	1161.3	1164.3	1167.1	1164.3	1161.3	1158.4	1150.1	1140.6	1133.3	1120.6
47.5°	1327.1	1334.7	1336.0	1330.6	1336.0	1334.7	1327.1	1313.1	1303.0	1291.5	1267.5
45°	1518.8	1523.3	1525.6	1530.2	1525.6	1523.3	1518.8	1503.8	1496.4	1484.5	1460.9
42.5°	1760.5	1765.7	1766.5	1771.5	1766.5	1765.7	1760.5	1741.3	1734.6	1711.9	1678.4
40°	2047.4	2055.9	2054.4	2052.3	2054.4	2055.9	2047.4	2025.9	2020.9	1998.7	1970.4
37.5°	2383.2	2397.6	2399.2	2408.1	2399.2	2397.6	2383.2	2360.8	2344.9	2302.4	2283.9
35°	2760.1	2777.1	2774.2	2778.5	2774.2	2777.1	2760.1	2736.3	2713.4	2675.0	2628.4
32.5°	3140.2	3165.7	3170.9	3192.3	3170.9	3165.7	3140.2	3106.3	3069.5	3019.0	2956.7
30°	3438.9	3474.6	3498.0	3496.2	3498.0	3474.6	3438.9	3393.5	3363.8	3278.2	3210.4
27.5°	3562.6	3609.0	3652.3	3665.4	3652.3	3609.0	3562.6	3506.9	3489.3	3367.4	3324.6
25°	3441.9	3475.7	3514.0	3534.6	3514.0	3475.7	3441.9	3403.3	3343.0	3264.6	3203.2
22.5°	3193.8	3215.9	3228.9	3218.3	3228.9	3215.9	3193.8	3167.8	3111.3	3050.4	2983.1
20°	2968.8	2996.6	3001.8	3013.0	3001.8	2996.6	2968.8	2935.5	2903.4	2851.1	2792.9
17.5°	2801.2	2819.5	2830.2	2832.6	2830.2	2819.5	2801.2	2769.9	2740.5	2693.5	2642.4
15°	2670.0	2684.6	2694.2	2698.4	2694.2	2684.6	2670.0	2644.7	2612.8	2572.4	2528.2
12.5°	2576.9	2594.8	2603.5	2608.8	2603.5	2594.8	2576.9	2555.5	2522.8	2491.0	2444.6
10°	2517.2	2534.5	2541.4	2544.0	2541.4	2534.5	2517.2	2496.7	2470.9	2435.3	2393.7
7.5°	2474.5	2485.5	2490.1	2493.8	2490.1	2485.5	2474.5	2458.1	2431.1	2394.2	2353.0
5°	2439.9	2448.6	2453.6	2458.8	2453.6	2448.6	2439.9	2420.5	2394.6	2361.8	2319.2
2.5°	2392.8	2405.4	2414.1	2419.3	2414.1	2405.4	2392.8	2375.3	2353.3	2322.0	2277.5
0°	2346.6	2358.5	2364.7	2374.8	2364.7	2358.5	2346.6	2329.1	2307.1	2276.1	2232.7
-2.5°	2295.8	2309.5	2325.8	2341.5	2325.8	2309.5	2295.8	2278.5	2259.2	2228.3	2186.9
-5°	2257.0	2275.1	2278.5	2288.5	2278.5	2275.1	2257.0	2234.8	2208.6	2175.0	2135.0
-7.5°	2198.3	2206.6	2220.6	2223.1	2220.6	2206.6	2198.3	2179.2	2146.9	2110.1	2067.5
-10°	2108.0	2121.5	2130.2	2139.1	2130.2	2121.5	2108.0	2087.8	2060.6	2024.6	1985.6
-12.5°	2001.9	2017.7	2031.7	2029.7	2031.7	2017.7	2001.9	1983.5	1959.0	1927.1	1887.8
-15°	1898.5	1913.7	1923.3	1922.1	1923.3	1913.7	1898.5	1875.6	1853.6	1822.6	1788.5
-17.5°	1795.8	1809.7	1823.7	1823.4	1823.7	1809.7	1795.8	1776.1	1751.3	1722.9	1687.1
-20°	1689.8	1701.7	1716.8	1723.0	1716.8	1701.7	1689.8	1672.8	1643.7	1612.8	1576.1



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1567.3	1582.5	1593.4	1600.1	1593.4	1582.5	1567.3	1545.5	1519.8	1483.3	1450.9
-25°	1424.4	1440.1	1448.3	1451.3	1448.3	1440.1	1424.4	1407.8	1382.7	1347.6	1313.8
-27.5°	1266.6	1284.1	1292.6	1288.3	1292.6	1284.1	1266.6	1250.3	1222.8	1199.3	1166.5
-30°	1104.7	1116.0	1117.3	1127.1	1117.3	1116.0	1104.7	1092.5	1069.3	1046.9	1019.8
-32.5°	945.0	952.6	948.3	948.9	948.3	952.6	945.0	931.6	912.9	893.5	875.0
-35°	787.4	793.4	794.6	805.7	794.6	793.4	787.4	780.4	769.2	748.2	740.7
-37.5°	660.7	663.1	659.3	654.0	659.3	663.1	660.7	653.1	645.8	632.2	626.8
-40°	553.1	555.0	553.6	550.9	553.6	555.0	553.1	547.7	547.5	540.7	533.5
-42.5°	475.7	475.8	474.5	474.2	474.5	475.8	475.7	472.1	471.1	465.1	455.7
-45°	418.6	419.2	419.1	418.9	419.1	419.2	418.6	416.0	414.2	410.1	402.4
-47.5°	374.3	374.4	373.8	372.7	373.8	374.4	374.3	372.4	369.7	365.9	360.0
-50°	335.0	335.0	335.8	337.2	335.8	335.0	335.0	333.7	331.6	328.9	324.5
-52.5°	301.9	301.8	302.3	302.8	302.3	301.8	301.9	300.9	299.0	296.7	293.0
-55°	271.5	271.4	271.0	270.1	271.0	271.4	271.5	270.8	269.2	266.8	263.2
-57.5°	242.5	242.2	241.5	240.2	241.5	242.2	242.5	242.0	240.4	238.4	236.1
-60°	214.9	215.0	214.6	213.7	214.6	215.0	214.9	214.2	212.9	212.0	210.4
-62.5°	189.7	189.3	189.3	188.9	189.3	189.3	189.7	189.5	188.8	187.8	186.4
-65°	166.1	165.7	165.9	165.8	165.9	165.7	166.1	166.0	165.4	164.5	163.5
-67.5°	143.9	143.7	143.9	143.8	143.9	143.7	143.9	143.6	142.9	142.3	141.7
-70°	123.4	123.4	122.8	121.8	122.8	123.4	123.4	123.1	122.5	121.8	121.2
-72.5°	103.1	102.8	102.8	102.6	102.8	102.8	103.1	103.2	102.9	102.4	101.8
-75°	83.9	83.6	84.2	84.6	84.2	83.6	83.9	83.9	83.7	83.5	83.5
-77.5°	66.8	66.3	66.7	67.1	66.7	66.3	66.8	67.1	67.2	67.2	67.2
-80°	51.9	51.7	51.6	51.3	51.6	51.7	51.9	51.9	51.9	51.8	51.9
-82.5°	38.4	38.1	38.0	37.8	38.0	38.1	38.4	38.5	38.6	38.5	38.4
-85°	24.3	24.1	24.5	24.8	24.5	24.1	24.3	24.4	24.4	24.4	24.5
-87.5°	11.2	11.3	11.0	10.7	11.0	11.3	11.2	11.1	11.0	10.9	10.9
-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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-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°	7.9	8.3	8.7	8.8	8.8	8.8	8.8	8.7	8.6	8.5	8.3
85°	25.1	25.2	25.2	25.6	25.9	26.0	25.8	25.4	24.8	24.0	23.0
82.5°	48.6	48.5	48.3	48.8	49.1	49.0	48.6	47.7	46.4	44.9	43.1
80°	75.5	75.4	75.2	76.3	76.8	76.7	76.0	74.3	72.0	69.7	67.4
77.5°	108.3	109.0	109.3	110.3	110.6	110.0	108.3	105.7	103.4	100.4	96.4
75°	149.4	150.4	151.0	152.0	152.1	151.2	149.5	146.3	142.1	136.8	129.8
72.5°	198.0	199.2	199.5	199.5	198.5	197.4	194.9	190.7	185.1	178.3	169.1
70°	255.2	256.1	255.7	254.1	252.0	249.3	245.1	239.1	231.5	223.4	212.1
67.5°	322.7	321.8	319.5	316.3	312.9	307.8	301.0	292.4	283.6	273.5	258.2
65°	399.1	396.5	393.5	389.1	382.7	374.1	363.7	352.8	341.2	327.2	307.9
62.5°	485.5	476.9	473.9	469.7	461.6	449.6	436.8	423.0	405.8	385.7	366.3
60°	585.9	578.6	571.3	561.6	549.6	534.7	518.5	499.8	478.6	456.2	430.3
57.5°	694.5	684.7	677.2	664.2	645.7	628.2	607.9	582.1	556.7	530.8	499.7
55°	824.4	810.9	795.0	777.0	757.1	734.5	706.7	676.6	645.6	609.9	576.8
52.5°	951.8	939.8	921.5	895.6	872.3	848.6	816.0	780.8	745.6	708.6	662.2
50°	1102.4	1084.2	1059.3	1029.1	1004.6	972.4	936.1	893.3	856.7	814.4	763.2
47.5°	1253.8	1241.9	1212.5	1177.5	1154.9	1117.4	1072.7	1024.8	984.4	926.8	871.1
45°	1445.3	1423.7	1390.7	1360.6	1325.1	1283.5	1226.5	1180.7	1126.8	1063.9	983.1
42.5°	1669.7	1638.4	1595.7	1570.4	1527.8	1473.0	1409.6	1351.9	1284.6	1211.1	1118.2
40°	1941.7	1890.2	1846.7	1806.0	1757.5	1685.2	1614.9	1538.1	1457.6	1367.1	1246.3
37.5°	2254.1	2199.5	2135.4	2068.0	2005.4	1922.9	1828.8	1738.4	1641.7	1505.6	1367.8
35°	2579.4	2517.1	2438.0	2356.3	2259.0	2143.3	2046.2	1939.6	1807.6	1631.0	1480.2
32.5°	2900.5	2798.3	2712.6	2624.5	2478.7	2335.9	2231.4	2136.7	1912.4	1730.2	1579.0
30°	3132.8	3003.4	2916.5	2795.9	2613.0	2482.9	2383.5	2186.9	1978.2	1799.4	1655.9
27.5°	3183.6	3087.9	2999.7	2818.6	2661.1	2546.1	2390.8	2190.3	2000.6	1832.3	1693.3
25°	3086.0	2998.6	2891.3	2740.7	2609.2	2491.1	2328.0	2146.5	1976.2	1827.8	1671.8
22.5°	2900.7	2820.8	2723.1	2605.6	2494.1	2373.6	2229.9	2072.5	1926.0	1787.1	1636.1
20°	2723.7	2651.7	2561.2	2468.1	2372.2	2257.9	2121.5	1992.8	1873.6	1739.1	1593.3
17.5°	2584.5	2510.1	2439.0	2358.3	2260.1	2143.3	2045.2	1939.2	1821.3	1687.8	1544.3
15°	2468.4	2412.4	2344.7	2259.6	2169.5	2086.3	1993.0	1884.6	1767.3	1632.2	1498.6
12.5°	2397.6	2337.7	2263.7	2197.2	2122.1	2035.1	1938.9	1828.4	1716.2	1603.0	1483.3
10°	2340.9	2284.3	2223.3	2153.2	2073.9	1983.7	1893.7	1797.7	1693.2	1582.1	1463.6
7.5°	2304.6	2246.2	2181.2	2112.9	2036.8	1955.7	1867.5	1771.9	1666.4	1555.6	1439.4
5°	2269.4	2211.2	2148.7	2083.1	2005.4	1924.4	1837.1	1741.3	1635.3	1523.5	1410.3
2.5°	2229.0	2173.9	2113.8	2048.1	1969.1	1888.4	1802.2	1705.2	1600.8	1493.3	1377.4
0°	2183.7	2132.9	2068.1	2002.1	1927.7	1848.8	1762.5	1663.3	1561.2	1459.7	1339.1
-2.5°	2140.6	2086.5	2026.7	1961.2	1889.9	1808.1	1722.4	1626.5	1522.2	1419.6	1301.7
-5°	2087.9	2035.4	1975.3	1906.9	1835.0	1754.3	1669.2	1576.4	1473.9	1372.5	1259.8
-7.5°	2020.1	1969.6	1912.9	1844.8	1771.4	1690.8	1604.7	1512.0	1412.2	1311.8	1202.3
-10°	1938.6	1885.0	1827.3	1763.8	1695.1	1619.0	1533.8	1441.2	1345.2	1245.3	1139.9
-12.5°	1843.1	1792.1	1734.3	1672.3	1604.5	1530.1	1451.2	1362.9	1273.1	1172.7	1072.8
-15°	1741.4	1696.6	1639.7	1574.8	1505.5	1435.0	1360.1	1275.9	1192.9	1094.7	1000.9
-17.5°	1644.0	1594.7	1538.5	1478.6	1409.2	1335.0	1262.6	1185.5	1105.2	1015.7	929.8
-20°	1534.8	1484.8	1432.7	1375.1	1308.9	1237.5	1163.8	1090.2	1014.8	936.9	858.8



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1411.4	1367.7	1318.4	1263.9	1199.2	1132.2	1064.6	995.0	923.7	856.6	786.7
-25°	1279.2	1239.5	1191.1	1139.5	1082.4	1021.9	962.6	900.8	839.5	776.6	714.5
-27.5°	1136.2	1099.4	1057.5	1012.3	961.7	912.6	860.2	806.9	757.4	701.9	647.8
-30°	989.7	961.0	925.1	882.6	847.4	806.4	758.8	721.0	678.0	630.5	586.4
-32.5°	848.7	825.6	796.0	767.8	738.3	705.6	673.1	637.9	600.4	566.6	530.5
-35°	721.4	702.2	686.1	665.0	637.5	615.7	590.6	561.8	533.1	506.0	477.0
-37.5°	616.8	599.6	587.6	571.9	552.7	532.4	516.0	496.2	472.7	451.0	427.5
-40°	526.9	512.7	504.0	494.5	481.4	462.5	452.1	437.3	421.2	400.3	381.3
-42.5°	455.0	448.3	438.3	432.3	422.1	409.2	395.9	387.4	374.4	358.1	342.7
-45°	400.0	395.7	387.1	381.2	373.6	363.5	349.9	343.5	333.7	322.4	307.8
-47.5°	356.0	352.9	346.5	338.7	332.8	324.1	314.6	305.6	299.9	290.2	278.2
-50°	319.6	316.5	310.9	303.0	297.7	291.0	283.5	274.6	269.2	261.0	251.0
-52.5°	288.1	284.2	279.2	272.8	267.6	262.9	256.2	248.0	240.9	235.3	227.9
-55°	258.4	255.1	251.8	247.2	241.5	237.0	230.7	223.6	217.7	212.8	206.5
-57.5°	233.4	230.4	226.8	222.4	217.3	212.9	208.1	202.6	196.5	192.0	186.1
-60°	208.0	204.9	202.2	198.9	194.9	190.8	187.0	182.3	176.7	172.2	167.1
-62.5°	184.4	181.8	179.6	177.0	173.7	170.1	166.7	162.7	158.1	153.4	149.2
-65°	162.1	160.3	158.4	156.1	153.4	150.4	147.4	144.1	140.3	136.2	132.2
-67.5°	140.6	139.0	137.4	135.7	133.8	131.7	129.3	126.5	123.4	120.0	116.6
-70°	120.1	118.6	117.3	116.3	115.2	113.8	111.9	109.7	107.2	104.5	101.5
-72.5°	100.9	99.9	99.1	98.5	97.6	96.4	95.0	93.5	91.7	89.6	86.8
-75°	83.2	82.7	82.1	81.7	81.0	80.0	78.8	77.7	76.2	74.4	72.2
-77.5°	67.0	66.6	66.1	65.7	65.0	64.0	62.9	62.1	61.1	59.7	58.0
-80°	51.8	51.6	51.3	51.0	50.5	49.9	49.1	48.3	47.1	45.8	44.5
-82.5°	38.2	38.0	37.6	37.3	36.9	36.4	35.7	35.0	34.3	33.4	32.5
-85°	24.5	24.4	24.2	24.0	23.7	23.4	23.1	22.8	22.5	22.0	21.5
-87.5°	10.9	10.8	10.7	11.0	11.2	11.4	11.6	11.4	11.2	11.0	10.7
-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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-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°	8.2	8.0	7.7	7.5	7.3	7.1	6.8	6.4	5.9	5.3	4.7
85°	21.9	20.5	19.0	17.4	15.8	14.1	13.5	12.8	11.7	10.6	9.4
82.5°	40.8	38.9	36.8	34.5	32.0	29.3	26.4	23.4	19.7	16.2	14.1
80°	64.4	61.1	57.5	53.6	49.2	44.4	40.6	36.3	31.1	26.1	21.3
77.5°	91.3	85.7	79.7	74.5	69.1	63.3	57.0	50.0	42.4	35.9	29.6
75°	121.2	114.2	106.9	99.0	90.6	82.1	74.7	66.1	55.8	45.8	37.9
72.5°	158.5	147.6	136.3	124.7	114.7	104.3	93.6	82.0	69.9	58.1	46.6
70°	198.4	183.3	169.1	155.2	140.7	126.4	114.0	99.6	83.8	70.2	57.0
67.5°	240.8	224.4	206.4	186.6	169.2	152.3	134.9	117.4	99.7	82.1	67.2
65°	289.1	268.3	245.8	224.1	201.0	178.3	158.9	135.8	115.3	95.8	77.2
62.5°	342.1	314.9	290.5	263.2	236.2	209.5	182.1	156.1	131.0	109.3	88.3
60°	402.2	372.4	338.0	307.5	274.9	242.2	209.7	175.8	148.4	122.3	99.6
57.5°	468.2	433.2	396.5	356.2	317.9	279.1	237.2	198.2	165.1	136.5	110.5
55°	537.3	497.9	456.5	412.1	364.8	320.1	266.1	221.2	182.0	150.6	120.7
52.5°	614.6	567.6	519.8	469.8	417.7	359.9	298.2	242.9	201.0	164.0	131.4
50°	703.7	644.9	588.1	530.7	471.3	401.8	328.2	268.8	218.7	177.6	141.7
47.5°	805.4	734.0	663.6	594.7	529.0	440.7	361.3	293.5	235.3	192.0	151.2
45°	910.7	832.0	746.8	667.0	575.8	480.0	393.5	316.3	255.4	204.5	160.0
42.5°	1016.4	931.2	839.8	740.0	623.9	517.3	422.9	341.8	273.8	216.1	169.2
40°	1133.7	1030.1	932.5	807.8	667.6	551.2	453.1	365.8	290.5	227.7	178.5
37.5°	1245.7	1131.1	1023.8	859.5	707.7	585.9	480.7	387.2	305.7	240.3	186.8
35°	1350.1	1229.0	1069.8	901.6	747.4	615.2	505.2	407.5	321.8	251.4	194.4
32.5°	1445.4	1291.7	1105.0	934.4	778.9	639.2	527.4	425.5	335.6	261.0	201.0
30°	1510.4	1315.1	1129.3	958.1	802.4	662.5	545.4	440.4	347.1	269.1	207.2
27.5°	1513.8	1326.0	1142.2	972.9	818.5	679.5	559.2	452.3	356.2	276.6	213.6
25°	1501.9	1321.2	1144.1	978.4	827.0	693.4	569.7	461.2	364.7	283.9	218.9
22.5°	1474.2	1304.2	1135.4	974.7	836.4	703.1	578.4	468.8	371.5	289.4	222.9
20°	1439.1	1276.6	1120.9	978.4	841.2	709.2	585.0	473.8	375.9	293.1	225.9
17.5°	1396.1	1254.6	1118.5	977.7	841.2	711.1	587.9	476.0	378.0	295.2	227.7
15°	1376.4	1246.0	1111.2	972.5	836.6	708.7	587.4	475.7	377.9	295.6	229.0
12.5°	1360.5	1232.5	1099.3	962.7	827.5	702.3	583.5	472.9	375.6	295.6	230.0
10°	1340.4	1214.0	1082.8	948.5	814.1	692.1	576.4	468.6	374.5	295.1	230.0
7.5°	1316.0	1190.7	1061.8	929.9	798.0	680.6	569.1	463.8	372.1	293.3	229.2
5°	1287.6	1165.0	1039.2	912.1	785.7	668.4	559.5	456.7	368.2	290.4	227.6
2.5°	1256.8	1138.4	1013.9	890.5	770.3	653.3	547.4	447.5	362.7	286.4	225.2
0°	1221.2	1107.3	984.4	864.9	751.6	635.4	532.8	436.4	355.8	281.3	222.1
-2.5°	1189.9	1073.1	952.6	837.1	724.3	614.0	516.9	425.2	348.1	276.3	218.8
-5°	1153.5	1034.6	917.1	805.8	694.2	590.3	499.2	412.6	339.2	270.5	214.9
-7.5°	1100.1	987.4	876.6	770.5	661.7	564.8	479.7	398.7	329.2	263.8	210.4
-10°	1039.8	934.0	830.7	730.7	630.0	539.6	459.2	383.7	318.3	256.4	205.4
-12.5°	976.1	877.7	782.3	689.0	597.4	514.8	439.5	369.0	306.6	248.4	199.9
-15°	909.4	819.1	731.8	645.8	563.8	488.7	418.9	354.0	295.1	240.1	193.9
-17.5°	841.6	758.5	679.4	601.7	529.4	461.6	397.6	338.2	282.9	231.9	187.9
-20°	779.7	702.0	626.1	557.0	494.8	433.7	375.8	321.7	270.3	223.2	181.8



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	717.9	649.7	581.2	515.5	460.7	405.2	353.7	304.8	257.2	214.1	175.3
-25°	656.4	597.8	537.4	481.1	427.8	378.7	332.3	287.4	243.7	204.7	168.4
-27.5°	598.5	547.2	493.5	446.5	399.0	352.7	311.7	271.0	230.7	195.0	161.2
-30°	543.2	498.8	454.0	412.7	370.5	330.0	291.0	254.6	218.9	185.7	153.6
-32.5°	492.1	451.2	416.4	381.3	344.4	307.4	271.9	238.2	206.9	176.3	146.5
-35°	444.7	410.4	379.8	350.9	319.1	287.0	254.4	222.1	195.0	166.8	139.5
-37.5°	399.5	374.3	348.1	322.4	293.9	266.9	237.9	208.7	183.1	156.9	132.3
-40°	362.3	340.8	319.0	295.4	271.6	247.3	221.3	196.1	171.6	146.9	125.1
-42.5°	327.0	310.2	291.4	269.2	250.9	229.1	205.0	183.2	160.4	137.8	117.7
-45°	295.5	281.3	265.2	248.5	231.1	211.2	190.7	170.2	149.2	129.3	110.6
-47.5°	265.8	255.2	242.1	228.2	212.1	193.9	176.1	157.8	138.0	120.8	103.7
-50°	240.7	231.6	221.1	208.5	193.5	178.1	161.8	145.5	128.5	112.4	96.8
-52.5°	219.0	210.3	200.9	189.3	176.5	162.2	148.7	133.4	119.0	104.2	89.7
-55°	198.6	190.1	181.5	171.6	160.1	148.2	135.7	122.6	109.2	96.1	82.6
-57.5°	179.4	171.1	163.7	154.8	145.1	134.7	123.5	111.8	99.9	87.9	76.3
-60°	160.9	154.1	146.9	139.5	131.1	121.7	111.6	101.1	90.6	79.8	69.9
-62.5°	143.9	137.8	131.7	125.1	117.4	108.9	99.8	90.8	81.3	72.5	63.4
-65°	127.9	122.9	117.1	110.8	103.8	96.4	88.7	80.5	72.8	65.0	56.9
-67.5°	112.7	108.0	102.4	96.6	91.0	84.8	77.6	71.1	64.5	57.6	50.5
-70°	97.8	93.2	88.6	84.2	79.1	73.4	67.7	62.0	56.2	50.4	44.0
-72.5°	83.4	79.9	76.2	72.1	67.8	63.1	58.0	53.0	48.4	43.2	37.5
-75°	69.5	66.7	63.9	60.6	56.8	52.7	48.8	44.7	40.6	36.0	31.7
-77.5°	56.1	53.9	51.6	49.3	46.4	43.2	39.9	36.5	33.1	29.8	26.2
-80°	43.4	42.0	40.5	38.7	36.3	33.8	31.4	28.9	26.3	23.6	20.6
-82.5°	31.6	30.7	29.6	28.4	26.8	25.1	23.3	21.5	19.5	17.3	15.2
-85°	20.9	20.2	19.3	18.4	17.4	16.3	15.3	14.3	12.9	11.5	10.2
-87.5°	10.4	10.0	9.5	9.1	8.6	8.2	7.7	7.1	6.5	5.8	5.1
-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: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.2	6.9	5.6	4.2	2.9	1.4	0.0
82.5°	12.2	10.3	8.4	6.3	4.3	2.1	0.0
80°	16.6	13.8	11.1	8.4	5.7	2.8	0.0
77.5°	23.6	17.9	13.9	10.5	7.1	3.5	0.0
75°	30.5	23.5	16.9	12.6	8.5	4.2	0.0
72.5°	37.3	29.0	21.1	14.6	9.8	4.8	0.0
70°	44.2	34.4	25.3	16.9	11.2	5.5	0.0
67.5°	52.7	39.6	29.4	19.8	12.5	6.2	0.0
65°	60.9	45.5	33.4	22.7	13.8	6.8	0.0
62.5°	68.9	51.9	37.3	25.6	15.1	7.4	0.0
60°	76.5	58.0	41.1	28.3	16.3	8.0	0.0
57.5°	85.2	64.0	45.6	31.0	18.0	8.6	0.0
55°	93.6	69.6	50.0	33.6	19.7	9.2	0.0
52.5°	101.6	75.2	54.2	36.1	21.4	9.8	0.0
50°	109.1	81.3	58.3	38.5	22.9	10.3	0.0
47.5°	116.2	87.1	62.1	40.9	24.5	10.8	0.0
45°	123.7	92.4	65.6	43.5	25.9	11.3	0.0
42.5°	130.5	97.4	69.0	46.1	27.3	11.8	0.0
40°	136.8	101.9	72.4	48.5	28.6	12.2	0.0
37.5°	142.5	106.1	75.8	50.7	29.9	12.7	0.0
35°	147.5	110.2	78.9	52.9	31.1	13.1	0.0
32.5°	152.3	114.1	81.7	54.8	32.2	13.5	0.0
30°	157.5	117.5	84.2	56.6	33.2	13.8	0.0
27.5°	162.0	120.4	86.5	58.3	34.1	14.1	0.0
25°	165.8	122.8	88.6	59.8	35.0	14.4	0.0
22.5°	168.9	125.0	90.4	61.2	35.8	14.7	0.0
20°	171.3	127.1	91.9	62.4	36.5	14.9	0.0
17.5°	173.4	128.9	93.1	63.4	37.1	15.2	0.0
15°	175.2	130.3	94.1	64.2	37.6	15.3	0.0
12.5°	176.3	131.3	94.7	64.9	38.0	15.5	0.0
10°	176.7	131.9	95.1	65.5	38.4	15.6	0.0
7.5°	176.5	132.2	95.3	65.8	38.6	15.7	0.0
5°	175.7	132.1	95.1	66.1	38.8	15.8	0.0
2.5°	174.4	131.6	94.8	66.1	38.9	15.8	0.0
0°	172.5	130.8	94.2	66.0	38.9	15.8	0.0
-2.5°	170.5	129.6	93.7	65.7	38.8	15.8	0.0
-5°	168.1	128.0	93.1	65.2	38.6	15.8	0.0
-7.5°	165.2	126.1	92.2	64.6	38.4	15.8	0.0
-10°	161.9	123.9	91.1	63.9	38.0	15.7	0.0
-12.5°	158.2	121.5	89.8	63.0	37.6	15.6	0.0
-15°	154.1	118.8	88.3	62.0	37.1	15.5	0.0
-17.5°	149.6	115.9	86.6	60.8	36.5	15.3	0.0
-20°	145.0	112.8	84.7	59.5	35.8	15.1	0.0



REPORT NUMBER: P558618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	140.4	109.5	82.6	58.1	35.1	14.9	0.0
-25°	135.5	106.2	80.3	56.6	34.3	14.6	0.0
-27.5°	130.3	102.7	77.9	54.9	33.5	14.4	0.0
-30°	124.9	99.1	75.3	53.2	32.5	14.1	0.0
-32.5°	119.3	95.2	72.6	51.3	31.5	13.7	0.0
-35°	114.1	91.1	69.7	49.4	30.5	13.3	0.0
-37.5°	108.9	87.0	66.8	47.3	29.4	12.9	0.0
-40°	103.6	83.1	63.7	45.2	28.2	12.5	0.0
-42.5°	98.1	79.1	60.6	43.0	27.0	12.1	0.0
-45°	92.4	74.9	57.5	40.7	25.7	11.6	0.0
-47.5°	86.5	70.6	54.3	38.3	24.4	11.1	0.0
-50°	81.1	66.2	51.1	36.2	23.1	10.6	0.0
-52.5°	75.8	61.6	47.7	34.1	21.7	10.0	0.0
-55°	70.3	57.3	44.2	31.9	20.2	9.5	0.0
-57.5°	64.8	52.9	40.6	29.7	18.8	8.9	0.0
-60°	59.3	48.3	37.0	27.4	17.3	8.3	0.0
-62.5°	53.8	43.8	34.0	25.1	16.0	7.6	0.0
-65°	48.3	39.1	30.8	22.7	14.6	7.0	0.0
-67.5°	42.7	34.7	27.6	20.3	13.3	6.3	0.0
-70°	37.0	30.7	24.4	17.8	11.9	5.7	0.0
-72.5°	32.1	26.7	21.1	15.6	10.5	5.0	0.0
-75°	27.3	22.6	17.8	13.4	9.0	4.3	0.0
-77.5°	22.4	18.5	14.8	11.2	7.5	3.6	0.0
-80°	17.5	14.7	11.9	9.0	6.1	2.9	0.0
-82.5°	13.1	11.0	8.9	6.8	4.6	2.2	0.0
-85°	8.7	7.4	6.0	4.5	3.0	1.5	0.0
-87.5°	4.4	3.7	3.0	2.3	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)