

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: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558922 (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-SA4C-930-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

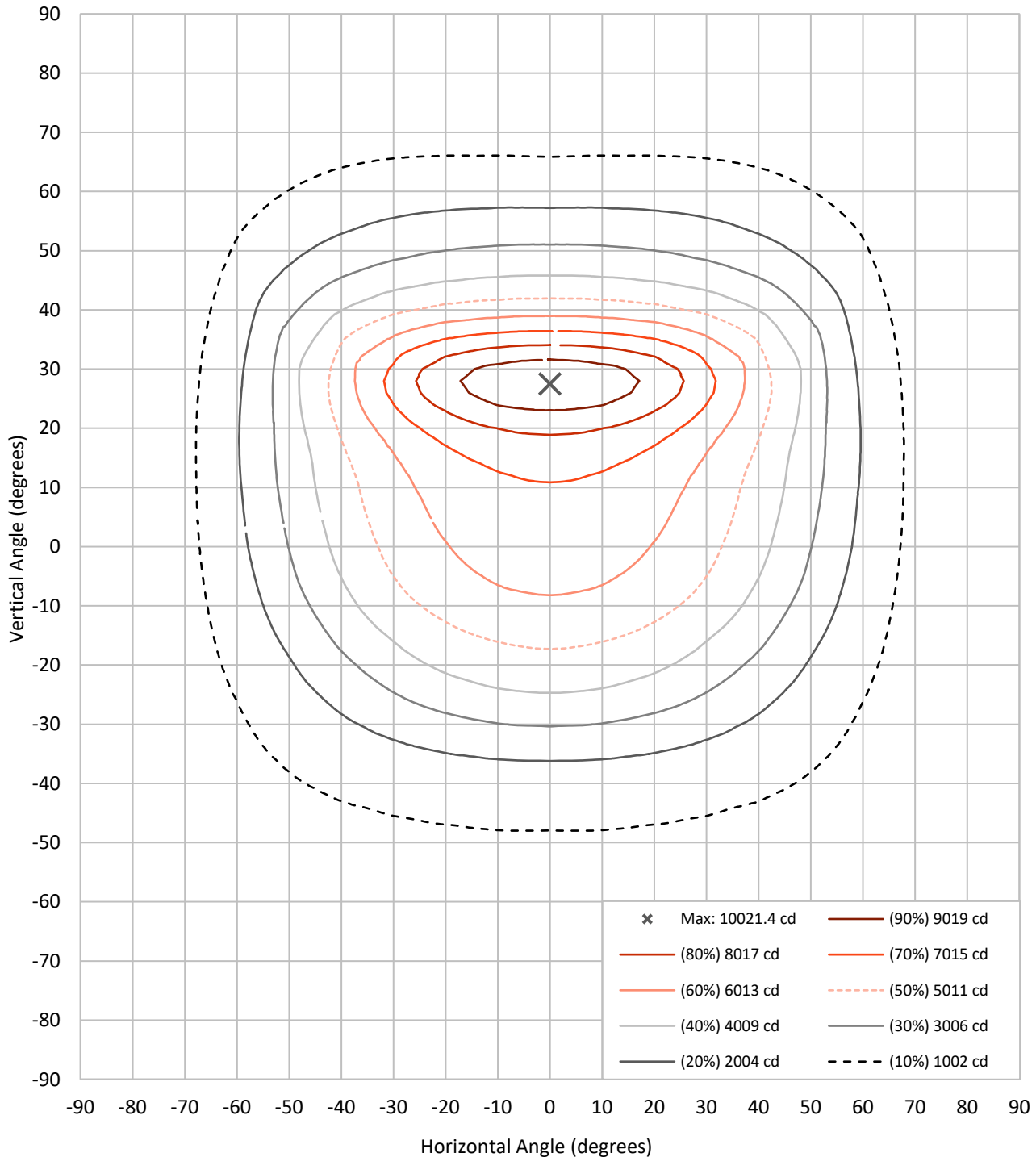
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14609.4 lumens	Max Intensity:	10021.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	89.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	7577.2 lumens	Field Lumens:	13515 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 164
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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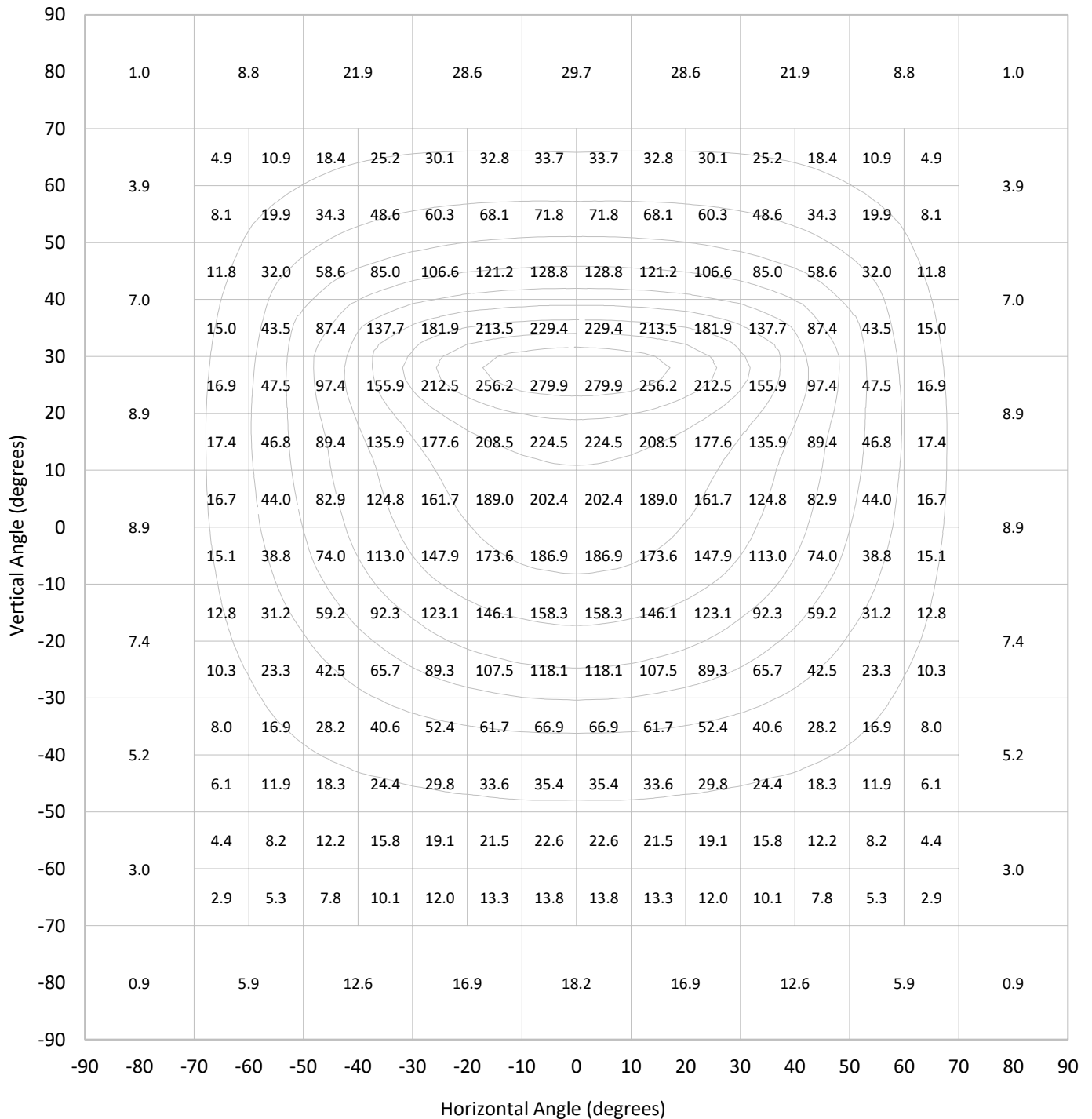
Iso-Candela Plot





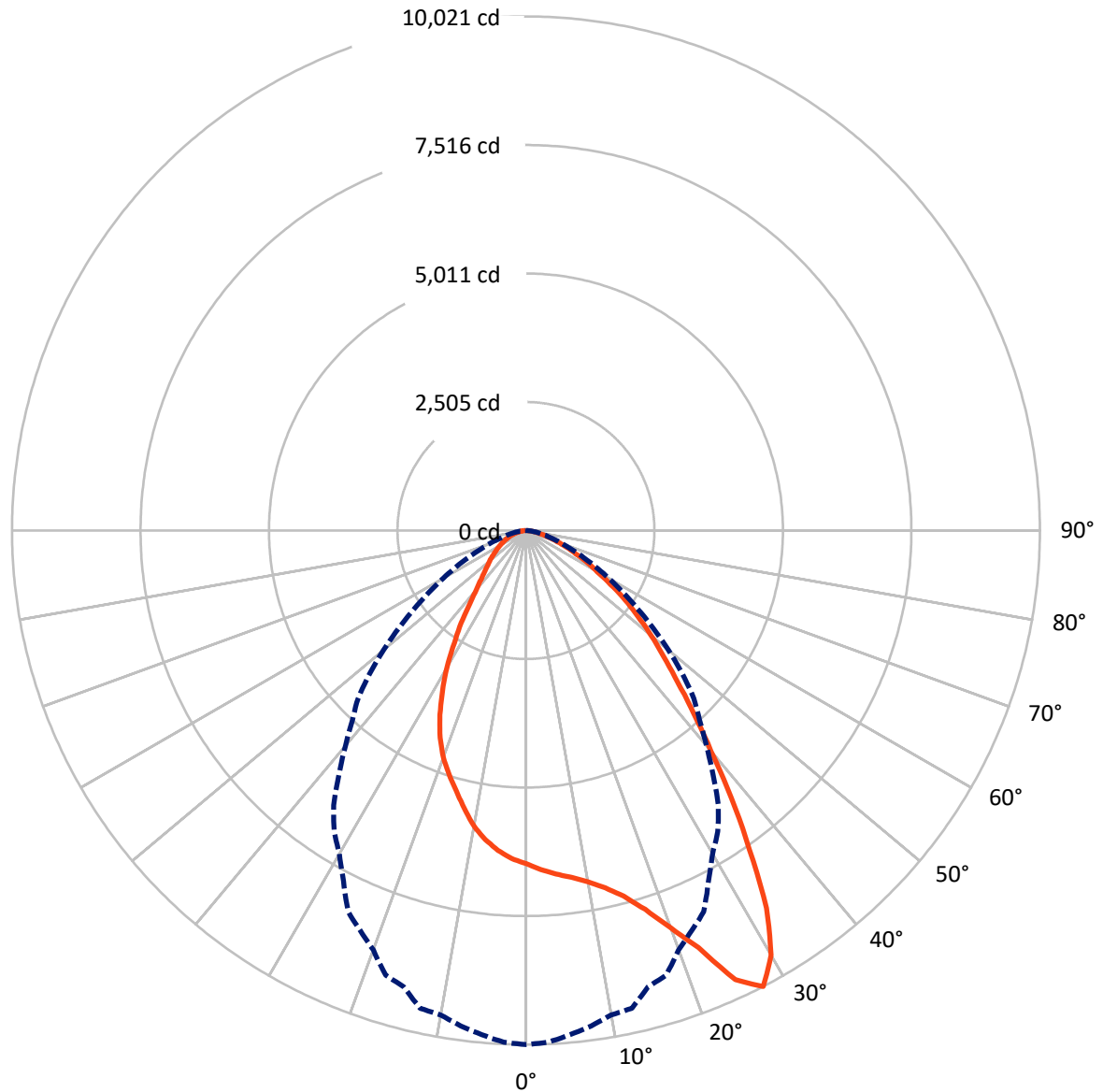
REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
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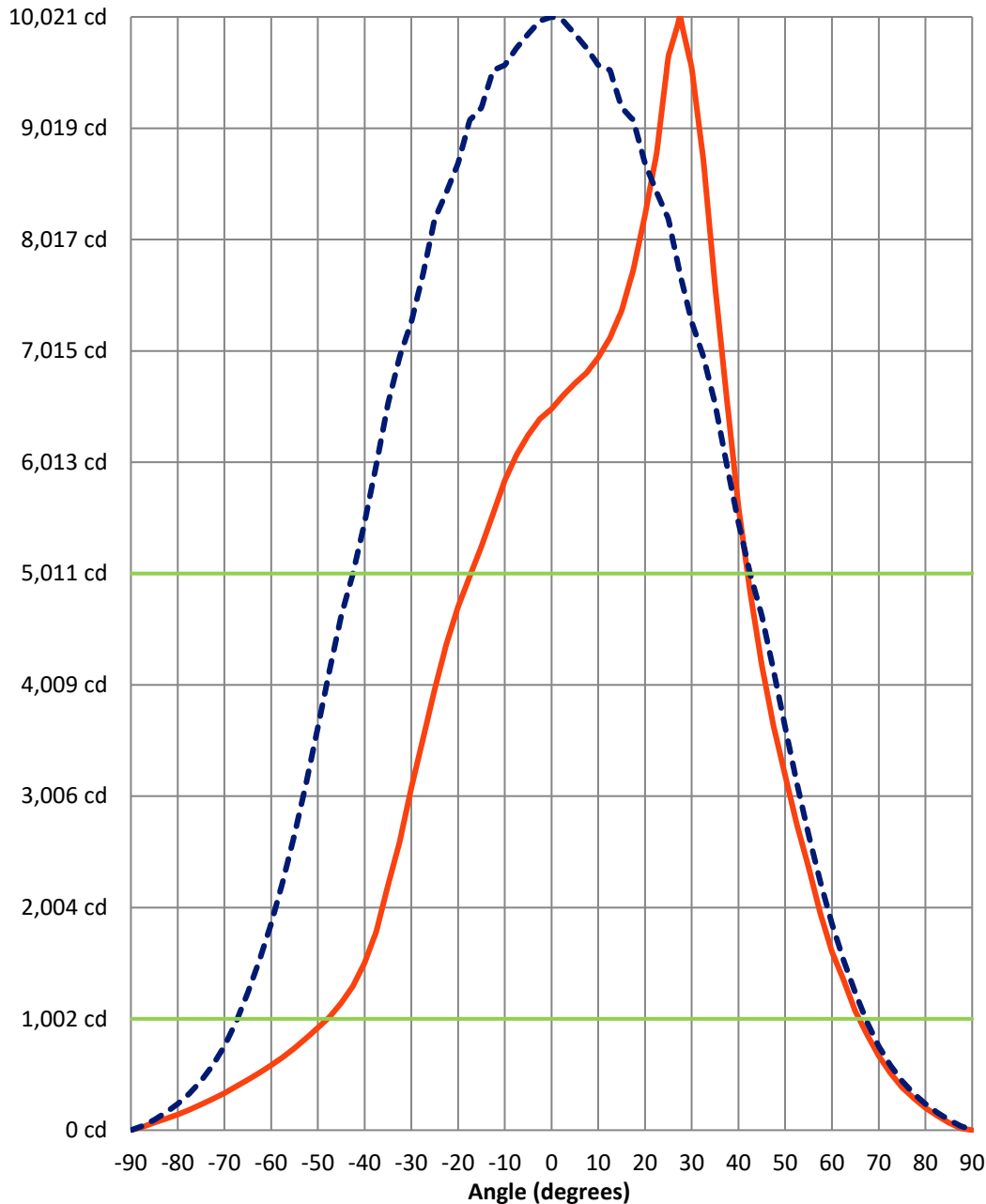
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 7577.2
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 13515
 Efficiency: 92.5%

Spill:
 Lumens: 1094.5
 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	1.9	3.9	5.8	7.6	9.4	11.2	12.9	14.5	16.1	17.6
85°	0.0	3.8	7.8	11.6	15.2	18.8	22.3	25.7	29.0	32.1	35.1
82.5°	0.0	5.7	11.7	17.3	22.8	28.2	33.5	38.5	44.3	50.0	54.0
80°	0.0	7.6	15.5	23.0	30.4	37.6	45.5	58.1	71.4	85.1	99.4
77.5°	0.0	9.5	19.3	28.7	37.9	49.0	64.6	81.0	98.1	115.9	136.7
75°	0.0	11.4	23.1	34.4	46.1	64.2	83.5	103.6	125.3	152.7	180.7
72.5°	0.0	13.2	26.8	39.9	57.8	79.2	102.0	127.6	158.9	191.1	224.1
70°	0.0	15.0	30.5	46.0	69.2	94.0	120.9	156.0	192.0	229.0	272.3
67.5°	0.0	16.8	34.1	54.1	80.4	108.4	144.1	183.9	224.5	272.5	321.0
65°	0.0	18.5	37.6	62.1	91.3	124.4	166.6	211.1	262.0	315.1	371.4
62.5°	0.0	20.2	41.1	69.9	102.0	141.9	188.3	241.4	298.7	358.2	426.9
60°	0.0	21.9	44.5	77.4	112.3	158.7	209.3	272.4	334.4	405.6	480.6
57.5°	0.0	23.5	49.2	84.8	124.7	174.9	232.9	302.2	373.2	451.4	542.0
55°	0.0	25.1	53.8	91.8	136.8	190.4	255.9	329.9	411.6	497.6	604.8
52.5°	0.0	26.7	58.3	98.7	148.3	205.7	277.7	359.3	448.4	549.4	664.1
50°	0.0	28.1	62.7	105.2	159.3	222.3	298.1	387.3	485.4	598.1	734.9
47.5°	0.0	29.6	66.8	111.8	169.7	238.0	317.6	413.4	524.9	643.4	802.4
45°	0.0	30.9	70.8	119.1	179.4	252.6	338.0	437.5	559.3	698.2	864.6
42.5°	0.0	32.2	74.6	126.0	188.6	266.1	356.8	462.7	590.8	748.7	934.5
40°	0.0	33.5	78.3	132.5	197.9	278.6	374.0	488.0	622.7	794.1	1000.1
37.5°	0.0	34.6	81.7	138.7	207.1	289.9	389.5	510.9	657.1	835.6	1058.7
35°	0.0	35.7	84.9	144.5	215.6	301.2	403.2	531.5	687.4	879.8	1114.1
32.5°	0.0	36.8	87.9	149.9	223.2	311.8	416.5	549.7	713.6	917.5	1163.3
30°	0.0	37.7	90.7	154.9	230.0	321.1	430.7	566.6	735.7	948.9	1204.2
27.5°	0.0	38.6	93.3	159.4	236.5	329.1	443.0	584.1	756.2	974.0	1236.7
25°	0.0	39.4	95.7	163.6	242.2	335.8	453.3	598.5	776.2	997.1	1261.0
22.5°	0.0	40.2	97.8	167.2	247.1	341.7	461.8	609.6	791.2	1015.7	1281.9
20°	0.0	40.8	99.7	170.5	251.2	347.5	468.4	617.7	801.4	1027.8	1295.4
17.5°	0.0	41.4	101.4	173.3	254.5	352.3	474.3	622.7	807.0	1033.5	1301.6
15°	0.0	41.9	102.8	175.6	257.1	356.1	479.1	626.2	808.2	1033.1	1300.7
12.5°	0.0	42.3	104.0	177.5	258.9	358.9	482.0	628.9	808.2	1026.9	1293.0
10°	0.0	42.7	105.0	179.0	260.0	360.7	483.2	629.0	806.8	1023.8	1281.3
7.5°	0.0	42.9	105.7	180.0	260.3	361.4	482.6	626.8	802.1	1017.4	1268.2
5°	0.0	43.1	106.2	180.6	260.0	361.1	480.5	622.4	794.1	1006.5	1248.7
2.5°	0.0	43.2	106.4	180.7	259.0	359.9	476.8	615.9	783.0	991.6	1223.5
0°	0.0	43.2	106.4	180.4	257.4	357.6	471.7	607.4	769.2	972.7	1193.1
-2.5°	0.0	43.3	106.1	179.6	256.2	354.2	466.3	598.5	755.6	951.8	1162.6
-5°	0.0	43.2	105.7	178.3	254.3	349.9	459.6	587.8	739.6	927.5	1128.0
-7.5°	0.0	43.1	104.9	176.7	251.9	344.8	451.7	575.5	721.4	900.2	1090.0
-10°	0.0	42.9	104.0	174.6	248.9	338.8	442.6	561.7	701.2	870.2	1049.1
-12.5°	0.0	42.7	102.8	172.2	245.4	332.2	432.4	546.5	679.2	838.3	1008.8
-15°	0.0	42.3	101.4	169.4	241.3	324.8	421.2	530.1	656.6	806.8	967.7
-17.5°	0.0	41.9	99.8	166.2	236.6	316.8	409.0	513.7	634.0	773.6	924.5
-20°	0.0	41.3	98.0	162.7	231.4	308.3	396.4	497.1	610.2	739.0	879.6



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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	40.7	96.0	158.9	225.8	299.3	383.8	479.3	585.4	703.2	833.3
-25°	0.0	40.0	93.8	154.7	219.6	290.2	370.4	460.4	559.6	666.4	785.9
-27.5°	0.0	39.3	91.5	150.2	212.9	280.8	356.3	440.5	533.2	630.8	740.9
-30°	0.0	38.4	88.9	145.4	205.8	270.8	341.6	419.8	507.6	598.3	696.0
-32.5°	0.0	37.5	86.2	140.3	198.4	260.2	326.3	400.4	482.1	565.7	651.3
-35°	0.0	36.5	83.3	135.0	190.6	249.1	312.0	381.3	455.9	533.1	607.1
-37.5°	0.0	35.4	80.3	129.4	182.5	238.0	297.9	361.7	429.0	500.6	570.6
-40°	0.0	34.2	77.1	123.5	174.0	227.2	283.2	341.9	401.4	469.0	536.0
-42.5°	0.0	33.0	73.8	117.4	165.6	216.1	268.1	321.8	376.7	438.4	500.8
-45°	0.0	31.7	70.3	111.2	157.2	204.7	252.5	302.3	353.4	407.8	465.3
-47.5°	0.0	30.3	66.7	104.6	148.5	192.9	236.5	283.6	330.1	377.2	431.4
-50°	0.0	28.9	63.0	98.8	139.6	180.9	221.8	264.6	307.2	351.4	397.7
-52.5°	0.0	27.4	59.2	93.1	130.3	168.5	207.2	245.3	284.9	325.2	364.6
-55°	0.0	25.9	55.3	87.2	120.8	156.6	192.3	225.9	262.8	298.6	335.3
-57.5°	0.0	24.2	51.3	81.1	111.1	144.5	177.2	208.6	240.3	273.1	305.6
-60°	0.0	22.6	47.1	74.9	101.2	132.2	162.0	191.2	218.1	247.8	276.3
-62.5°	0.0	20.9	43.6	68.6	92.8	119.6	147.1	173.4	198.1	222.2	248.3
-65°	0.0	19.1	40.0	62.1	84.2	106.8	132.0	155.6	177.9	199.1	220.1
-67.5°	0.0	17.3	36.3	55.5	75.5	94.9	116.6	138.0	157.4	176.5	194.4
-70°	0.0	15.5	32.5	48.8	66.7	84.0	101.1	120.3	137.8	153.7	169.6
-72.5°	0.0	13.6	28.6	42.7	57.8	73.0	87.7	102.5	118.2	132.4	145.1
-75°	0.0	11.8	24.6	36.7	48.7	61.9	74.5	86.7	98.5	111.1	122.3
-77.5°	0.0	9.8	20.6	30.7	40.5	50.6	61.2	71.6	81.4	90.5	99.7
-80°	0.0	7.9	16.6	24.6	32.5	40.2	47.8	56.3	64.4	71.9	79.0
-82.5°	0.0	5.9	12.5	18.5	24.4	30.2	35.8	41.6	47.4	53.3	58.9
-85°	0.0	4.0	8.3	12.4	16.3	20.2	23.9	27.8	31.6	35.3	39.0
-87.5°	0.0	2.0	4.2	6.2	8.2	10.1	12.0	13.9	15.8	17.7	19.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	18.5	19.3	19.9	20.4	21.1	21.8	22.4	22.9	23.3	23.6	23.9
85°	37.0	38.6	43.2	47.5	52.1	56.2	59.8	63.1	65.7	67.8	69.4
82.5°	72.3	80.1	87.4	94.3	100.6	106.2	111.6	117.8	122.8	127.0	130.4
80°	110.9	121.5	134.3	146.4	157.2	167.1	176.2	184.3	190.6	197.0	203.2
77.5°	155.9	173.0	188.9	203.6	217.8	234.3	249.6	263.7	274.5	282.7	288.9
75°	204.3	224.6	247.8	270.8	292.3	312.2	331.5	354.9	374.1	388.5	400.0
72.5°	256.0	285.1	313.5	341.0	372.6	403.4	433.3	462.2	487.6	506.2	521.3
70°	311.8	345.6	384.8	424.4	462.5	501.2	542.4	579.9	610.9	632.9	653.8
67.5°	368.8	416.3	462.6	510.3	564.3	613.5	658.5	706.0	747.8	775.3	799.4
65°	434.5	487.6	549.5	612.8	672.0	733.5	790.3	841.8	894.6	933.0	964.5
62.5°	497.9	572.7	645.8	719.7	794.2	861.0	935.3	1001.5	1054.6	1109.5	1156.6
60°	573.3	662.2	751.7	840.9	924.3	1018.1	1099.5	1176.5	1247.4	1308.6	1366.5
57.5°	648.5	763.2	869.1	973.8	1084.0	1184.4	1280.1	1366.4	1451.2	1522.1	1591.6
55°	727.6	875.2	997.5	1126.7	1248.0	1361.4	1469.0	1577.0	1667.5	1765.1	1850.0
52.5°	815.4	984.0	1142.0	1284.3	1421.1	1551.9	1680.5	1810.5	1937.5	2038.7	2134.7
50°	897.4	1098.4	1288.4	1450.9	1608.1	1763.3	1924.1	2086.7	2226.6	2342.3	2442.2
47.5°	987.8	1204.7	1446.2	1625.9	1814.5	2006.9	2202.1	2381.5	2534.0	2691.5	2801.9
45°	1075.8	1312.3	1574.3	1823.6	2041.8	2274.8	2489.8	2687.8	2908.8	3080.8	3228.2
42.5°	1156.1	1414.2	1705.8	2023.1	2296.0	2546.0	2778.7	3057.3	3311.2	3512.2	3696.2
40°	1238.8	1507.0	1825.4	2208.5	2549.5	2816.4	3099.6	3407.5	3737.9	3985.3	4205.2
37.5°	1314.3	1601.8	1934.9	2349.9	2799.0	3092.5	3405.6	3739.6	4116.4	4488.4	4752.8
35°	1381.2	1682.2	2043.4	2465.0	2924.8	3360.0	3691.3	4047.0	4459.3	4942.0	5303.0
32.5°	1441.9	1747.8	2129.6	2554.8	3021.2	3531.5	3951.8	4317.0	4730.6	5228.7	5841.8
30°	1491.3	1811.3	2193.7	2619.6	3087.4	3595.6	4129.4	4527.3	4919.8	5408.7	5979.3
27.5°	1528.9	1857.9	2237.9	2660.1	3122.8	3625.4	4138.8	4629.6	5009.7	5469.7	5988.6
25°	1557.7	1896.0	2261.3	2675.1	3128.0	3612.4	4106.3	4570.9	4997.5	5403.0	5868.7
22.5°	1581.5	1922.3	2287.0	2665.0	3104.4	3565.8	4030.5	4473.4	4886.3	5265.9	5666.4
20°	1599.4	1939.2	2299.9	2674.9	3064.8	3490.3	3934.6	4356.2	4755.0	5122.6	5448.5
17.5°	1607.5	1944.2	2299.9	2673.0	3058.2	3430.3	3817.2	4222.4	4614.4	4979.7	5301.7
15°	1606.0	1937.6	2287.2	2658.8	3038.1	3406.8	3763.2	4097.5	4462.5	4831.8	5152.7
12.5°	1595.4	1920.1	2262.3	2632.2	3005.5	3369.8	3719.8	4055.4	4382.7	4692.0	4998.8
10°	1576.0	1892.1	2225.7	2593.3	2960.5	3319.4	3664.9	4001.6	4325.6	4629.1	4914.9
7.5°	1556.1	1860.7	2181.7	2542.5	2903.0	3255.6	3598.0	3935.3	4253.0	4556.0	4844.4
5°	1529.9	1827.5	2148.2	2493.8	2841.3	3185.3	3520.3	3856.0	4165.2	4471.0	4760.6
2.5°	1496.6	1786.2	2105.9	2434.7	2772.2	3112.6	3436.3	3765.8	4082.8	4376.7	4662.0
0°	1456.7	1737.3	2054.8	2364.7	2691.5	3027.5	3338.9	3661.1	3991.0	4268.5	4547.5
-2.5°	1413.3	1678.7	1980.4	2288.7	2604.5	2934.1	3253.3	3558.8	3881.4	4161.9	4446.8
-5°	1364.6	1614.1	1898.1	2202.9	2507.4	2828.6	3153.8	3444.2	3752.5	4029.8	4310.0
-7.5°	1311.5	1544.2	1809.1	2106.6	2396.7	2699.6	3007.6	3287.0	3586.7	3861.0	4133.9
-10°	1255.4	1475.4	1722.7	1997.8	2271.2	2553.6	2842.9	3116.5	3404.6	3677.9	3940.5
-12.5°	1201.6	1407.5	1633.5	1883.7	2138.8	2399.8	2668.8	2933.0	3206.3	3480.8	3726.4
-15°	1145.3	1336.1	1541.4	1765.7	2000.6	2239.4	2486.5	2736.5	2993.0	3261.6	3488.4
-17.5°	1087.0	1262.0	1447.5	1645.0	1857.5	2073.8	2301.0	2542.3	2777.0	3021.6	3241.0
-20°	1027.3	1185.7	1352.7	1523.0	1711.7	1919.1	2131.6	2348.1	2561.4	2774.5	2980.5



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 CATALOG NUMBER: GFLD-SA4C-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	966.9	1107.7	1259.7	1409.5	1589.1	1776.3	1962.8	2150.7	2342.1	2525.5	2720.4
-25°	908.4	1035.4	1169.6	1315.2	1469.4	1634.4	1794.7	1953.5	2123.2	2295.1	2462.9
-27.5°	852.1	964.1	1090.9	1220.8	1349.2	1496.0	1636.3	1770.9	1919.0	2070.7	2206.2
-30°	795.7	902.0	1013.0	1128.3	1241.3	1363.9	1485.2	1603.3	1723.9	1853.8	1971.2
-32.5°	743.3	840.4	941.4	1042.5	1138.4	1233.5	1345.5	1450.5	1549.2	1641.7	1744.2
-35°	695.5	784.5	872.3	959.4	1038.5	1122.1	1215.8	1304.2	1383.4	1457.7	1536.0
-37.5°	650.4	729.6	803.6	881.4	951.7	1023.3	1092.2	1168.7	1233.0	1292.3	1356.6
-40°	605.1	676.0	742.6	807.6	872.0	931.8	990.6	1042.7	1094.4	1151.5	1195.6
-42.5°	560.6	626.4	685.9	735.9	796.6	848.1	893.8	936.9	979.2	1023.7	1059.1
-45°	521.3	577.3	631.6	679.4	725.0	768.9	807.7	841.5	881.5	912.4	939.2
-47.5°	481.6	530.2	579.8	623.9	662.0	697.7	726.6	760.6	793.3	819.8	835.5
-50°	442.6	487.0	529.0	570.1	604.6	633.3	658.2	686.2	713.4	735.9	750.8
-52.5°	406.5	443.7	482.6	517.6	549.4	575.1	598.8	623.2	643.1	658.6	678.1
-55°	371.0	405.2	437.8	469.2	496.3	519.9	543.1	564.7	581.8	595.1	611.2
-57.5°	337.6	368.5	396.9	423.2	447.6	467.9	490.5	509.0	524.9	537.3	553.9
-60°	305.1	332.6	358.5	381.5	401.5	421.5	439.9	456.9	470.7	483.1	498.3
-62.5°	272.8	297.7	320.9	342.0	360.3	376.8	393.4	407.9	419.5	432.3	444.9
-65°	242.4	263.5	283.8	303.1	320.3	336.0	349.7	361.3	372.2	383.7	393.9
-67.5°	212.2	231.8	248.9	264.2	280.1	295.3	308.0	318.8	327.9	337.2	345.7
-70°	185.2	200.7	216.4	230.1	242.2	254.9	267.3	277.5	285.6	292.9	299.8
-72.5°	158.6	172.4	185.3	197.1	208.1	218.3	228.0	237.3	244.9	250.6	255.5
-75°	133.3	144.1	155.2	165.6	174.5	182.4	189.9	197.2	203.4	208.3	212.3
-77.5°	109.1	118.2	126.7	134.7	141.1	147.4	153.2	158.5	163.2	167.0	169.7
-80°	85.7	92.2	99.1	105.6	110.6	114.9	118.6	121.7	125.3	128.9	132.0
-82.5°	63.8	68.5	73.1	77.5	81.0	83.9	86.4	88.9	91.4	93.8	95.8
-85°	42.0	44.7	47.5	50.2	52.8	55.1	57.1	58.8	60.2	61.4	62.4
-87.5°	21.0	22.3	23.6	24.8	26.1	27.3	28.4	29.4	30.1	30.7	31.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	24.0	24.1	24.0	23.9	23.7	22.8	21.7	20.6	19.3	19.9	20.5
85°	70.6	70.9	70.7	70.0	68.9	68.8	68.6	68.1	67.5	68.5	69.4
82.5°	133.0	134.0	134.1	133.5	132.1	132.7	133.0	132.7	131.9	132.8	133.4
80°	207.9	209.8	209.9	208.5	205.7	206.1	206.3	205.7	204.3	204.7	204.6
77.5°	296.1	300.7	302.3	301.6	298.8	297.9	296.0	291.9	286.0	285.9	286.1
75°	408.7	413.4	415.8	415.6	412.9	411.1	408.5	403.9	397.3	397.0	397.1
72.5°	532.9	539.8	542.8	545.6	545.6	544.6	541.3	534.4	524.1	522.9	524.1
70°	670.1	681.7	689.0	694.6	699.1	700.0	697.8	692.3	683.3	681.0	680.2
67.5°	822.9	841.4	855.4	864.7	873.4	879.7	882.1	879.6	872.4	870.0	871.0
65°	994.2	1022.7	1046.2	1063.8	1075.6	1084.0	1091.3	1095.6	1096.7	1099.2	1102.6
62.5°	1194.3	1229.3	1262.0	1284.3	1295.7	1303.8	1327.3	1340.9	1344.8	1345.6	1350.8
60°	1417.7	1461.9	1502.7	1535.5	1562.0	1582.0	1602.0	1615.3	1620.2	1621.2	1628.3
57.5°	1662.0	1717.5	1765.3	1816.1	1851.5	1871.9	1898.7	1926.2	1940.6	1944.7	1961.7
55°	1932.3	2008.1	2070.0	2124.3	2173.7	2217.2	2254.0	2282.4	2303.3	2315.9	2338.4
52.5°	2231.1	2320.2	2384.9	2448.7	2519.6	2569.6	2602.3	2654.8	2692.7	2713.6	2740.3
50°	2559.3	2658.5	2746.7	2813.6	2896.1	2964.3	3014.1	3063.8	3098.6	3118.5	3144.4
47.5°	2932.8	3055.0	3157.5	3219.4	3315.1	3395.5	3427.9	3465.5	3531.0	3562.5	3590.2
45°	3353.4	3509.3	3623.1	3720.0	3802.3	3892.5	3951.6	3994.2	4058.8	4091.2	4111.6
42.5°	3853.8	4027.2	4177.2	4293.6	4362.7	4479.7	4565.1	4589.0	4680.5	4742.5	4760.8
40°	4415.1	4607.3	4805.0	4937.7	5049.1	5167.9	5308.7	5387.0	5464.4	5525.2	5539.0
37.5°	4999.9	5257.2	5482.9	5654.2	5838.3	6013.6	6162.8	6244.2	6295.0	6411.2	6454.6
35°	5594.4	5859.9	6176.2	6442.4	6665.5	6882.0	7052.2	7186.2	7313.8	7418.5	7481.3
32.5°	6100.8	6386.5	6777.0	7175.4	7416.4	7650.7	7930.3	8083.7	8254.0	8392.0	8492.8
30°	6516.8	6788.5	7143.9	7644.0	7973.9	8211.4	8565.3	8777.4	8962.9	9196.7	9278.1
27.5°	6536.5	6961.1	7275.5	7706.1	8201.2	8442.2	8704.2	9089.6	9206.5	9540.0	9588.0
25°	6365.0	6810.7	7133.8	7493.3	7904.9	8198.2	8437.4	8757.9	8925.6	9140.1	9304.8
22.5°	6096.6	6489.4	6819.0	7123.9	7445.1	7712.1	7930.7	8156.0	8340.2	8506.6	8661.2
20°	5800.2	6173.1	6485.7	6747.8	7002.4	7249.9	7446.6	7635.8	7795.1	7937.9	8025.9
17.5°	5591.5	5859.8	6179.1	6447.7	6668.4	6862.7	7066.1	7224.5	7364.2	7492.8	7573.1
15°	5449.0	5704.1	5931.5	6177.9	6410.5	6595.7	6748.9	6912.3	7033.1	7143.7	7230.9
12.5°	5301.1	5564.0	5801.9	6007.2	6189.2	6391.5	6555.2	6683.7	6810.4	6897.3	6986.8
10°	5177.5	5423.5	5670.3	5887.0	6078.6	6245.3	6400.2	6544.5	6658.1	6755.6	6826.1
7.5°	5105.9	5347.1	5568.9	5776.8	5963.5	6141.2	6301.0	6433.2	6545.8	6646.7	6720.6
5°	5022.7	5261.4	5482.9	5695.4	5874.7	6045.4	6204.6	6340.6	6457.2	6547.1	6617.8
2.5°	4927.4	5162.9	5383.7	5599.8	5779.0	5943.7	6094.4	6227.0	6348.5	6434.0	6494.3
0°	4818.8	5054.6	5270.4	5473.9	5654.3	5831.5	5970.3	6104.4	6223.1	6307.9	6368.0
-2.5°	4709.3	4943.6	5167.0	5362.0	5541.0	5704.7	5852.3	5979.0	6092.4	6176.8	6229.6
-5°	4563.6	4796.6	5017.0	5213.5	5400.5	5564.9	5708.4	5837.2	5946.4	6038.4	6110.0
-7.5°	4387.3	4622.9	4843.2	5043.7	5229.8	5385.1	5522.9	5652.7	5769.3	5869.9	5957.9
-10°	4193.4	4426.4	4634.5	4822.4	4995.8	5153.7	5300.3	5428.5	5535.4	5633.9	5708.0
-12.5°	3967.6	4183.4	4386.9	4572.1	4741.6	4899.7	5039.2	5161.3	5268.8	5356.1	5423.0
-15°	3718.5	3923.3	4116.1	4305.4	4482.8	4638.5	4761.3	4890.0	4983.1	5067.8	5128.1
-17.5°	3452.0	3650.0	3852.7	4042.5	4206.3	4359.9	4494.9	4612.6	4710.4	4788.0	4855.9
-20°	3181.8	3383.5	3578.6	3759.4	3917.0	4059.4	4196.2	4309.1	4409.4	4493.9	4573.5



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2910.5	3095.4	3278.6	3455.5	3604.6	3739.2	3858.9	3967.0	4055.5	4155.1	4225.4
-25°	2631.7	2793.8	2959.3	3115.6	3256.5	3388.8	3497.3	3592.0	3684.3	3780.5	3849.0
-27.5°	2351.7	2495.0	2629.4	2767.7	2891.2	3005.7	3106.4	3189.3	3278.9	3343.1	3418.4
-30°	2074.7	2204.8	2316.8	2413.0	2529.1	2627.5	2705.8	2788.2	2862.2	2923.6	2987.1
-32.5°	1840.2	1929.1	2018.6	2099.1	2176.3	2257.2	2320.3	2392.2	2442.9	2495.7	2547.1
-35°	1614.8	1683.3	1742.8	1818.0	1875.9	1919.9	1972.6	2025.3	2045.6	2103.1	2133.7
-37.5°	1410.7	1455.6	1511.1	1563.6	1606.5	1639.4	1686.3	1713.9	1728.5	1765.7	1785.6
-40°	1236.0	1264.4	1316.2	1352.0	1377.8	1401.7	1440.7	1458.6	1478.5	1497.0	1497.5
-42.5°	1082.3	1118.9	1154.0	1182.1	1198.4	1225.6	1244.0	1246.0	1271.7	1288.2	1290.7
-45°	956.6	993.7	1021.6	1042.2	1058.5	1081.9	1093.8	1100.4	1121.3	1132.5	1137.4
-47.5°	860.1	886.0	910.1	926.0	947.4	964.8	973.4	984.5	1000.6	1010.8	1018.1
-50°	775.2	795.7	814.1	828.7	850.0	865.4	873.7	887.3	899.3	906.7	912.4
-52.5°	700.5	718.9	731.6	745.8	763.4	777.1	787.6	801.1	811.1	817.6	822.7
-55°	630.7	647.9	660.3	675.7	688.4	697.6	706.6	719.7	729.5	736.1	740.5
-57.5°	569.0	581.9	594.1	608.1	620.2	630.1	638.2	645.4	651.9	657.3	661.6
-60°	511.2	521.7	532.9	543.9	552.9	560.1	568.7	575.4	579.5	582.1	585.6
-62.5°	455.7	465.2	475.0	483.9	491.1	497.1	504.1	509.5	513.4	516.1	518.2
-65°	402.9	411.1	419.5	426.8	433.0	438.3	443.2	447.0	449.7	452.0	453.8
-67.5°	353.5	360.0	365.9	370.9	375.6	380.1	384.4	387.3	388.9	390.7	392.6
-70°	305.9	311.0	314.9	318.0	320.7	324.2	328.4	331.2	332.9	334.7	336.4
-72.5°	259.8	263.5	266.7	269.3	270.8	273.1	275.9	278.3	280.1	281.4	282.1
-75°	215.4	218.5	221.3	223.3	224.4	226.0	227.5	228.3	228.4	229.0	229.4
-77.5°	172.1	175.1	177.7	179.6	180.7	182.0	183.1	183.6	183.7	183.8	183.4
-80°	134.3	136.4	138.1	139.4	140.3	141.2	141.7	141.8	141.5	141.8	141.9
-82.5°	97.6	99.4	101.0	102.1	102.9	103.8	104.5	105.1	105.3	105.5	105.3
-85°	63.2	64.0	64.8	65.6	66.2	66.6	66.9	66.9	66.8	66.8	66.7
-87.5°	31.5	31.2	30.7	30.1	29.4	29.6	29.7	29.8	29.8	30.1	30.3
-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: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	21.0	21.5	20.0	18.5	20.0	21.5	21.0	20.5	19.9	19.3	20.6
85°	70.0	70.5	69.3	67.8	69.3	70.5	70.0	69.4	68.5	67.5	68.1
82.5°	133.6	133.4	132.4	131.0	132.4	133.4	133.6	133.4	132.8	131.9	132.7
80°	203.9	202.5	201.7	200.4	201.7	202.5	203.9	204.6	204.7	204.3	205.7
77.5°	285.3	283.8	286.3	288.3	286.3	283.8	285.3	286.1	285.9	286.0	291.9
75°	395.5	392.5	389.6	385.4	389.6	392.5	395.5	397.1	397.0	397.3	403.9
72.5°	523.6	521.2	518.8	514.9	518.8	521.2	523.6	524.1	522.9	524.1	534.4
70°	676.2	669.0	670.2	670.6	670.2	669.0	676.2	680.2	681.0	683.3	692.3
67.5°	868.1	861.6	862.4	861.7	862.4	861.6	868.1	871.0	870.0	872.4	879.6
65°	1100.6	1093.3	1084.4	1071.4	1084.4	1093.3	1100.6	1102.6	1099.2	1096.7	1095.6
62.5°	1350.1	1343.7	1347.4	1350.4	1347.4	1343.7	1350.1	1350.8	1345.6	1344.8	1340.9
60°	1627.2	1618.1	1613.6	1606.3	1613.6	1618.1	1627.2	1628.3	1621.2	1620.2	1615.3
57.5°	1969.4	1967.8	1963.7	1953.1	1963.7	1967.8	1969.4	1961.7	1944.7	1940.6	1926.2
55°	2348.9	2346.7	2355.5	2366.2	2355.5	2346.7	2348.9	2338.4	2315.9	2303.3	2282.4
52.5°	2760.1	2767.1	2764.6	2750.1	2764.6	2767.1	2760.1	2740.3	2713.6	2692.7	2654.8
50°	3167.1	3174.9	3183.2	3190.9	3183.2	3174.9	3167.1	3144.4	3118.5	3098.6	3063.8
47.5°	3628.4	3649.0	3652.6	3638.0	3652.6	3649.0	3628.4	3590.2	3562.5	3531.0	3465.5
45°	4152.5	4164.9	4171.2	4183.7	4171.2	4164.9	4152.5	4111.6	4091.2	4058.8	3994.2
42.5°	4813.4	4827.7	4829.9	4843.4	4829.9	4827.7	4813.4	4760.8	4742.5	4680.5	4589.0
40°	5597.7	5620.9	5616.9	5611.1	5616.9	5620.9	5597.7	5539.0	5525.2	5464.4	5387.0
37.5°	6515.8	6555.3	6559.4	6583.8	6559.4	6555.3	6515.8	6454.6	6411.2	6295.0	6244.2
35°	7546.2	7592.7	7584.6	7596.6	7584.6	7592.7	7546.2	7481.3	7418.5	7313.8	7186.2
32.5°	8585.6	8655.3	8669.3	8728.0	8669.3	8655.3	8585.6	8492.8	8392.0	8254.0	8083.7
30°	9402.2	9499.9	9563.8	9558.9	9563.8	9499.9	9402.2	9278.1	9196.7	8962.9	8777.4
27.5°	9740.4	9867.0	9985.6	10021.4	9985.6	9867.0	9740.4	9588.0	9540.0	9206.5	9089.6
25°	9410.4	9502.9	9607.6	9663.7	9607.6	9502.9	9410.4	9304.8	9140.1	8925.6	8757.9
22.5°	8732.2	8792.4	8828.1	8799.0	8828.1	8792.4	8732.2	8661.2	8506.6	8340.2	8156.0
20°	8116.8	8193.0	8207.2	8237.8	8207.2	8193.0	8116.8	8025.9	7937.9	7795.1	7635.8
17.5°	7658.8	7708.7	7737.9	7744.6	7737.9	7708.7	7658.8	7573.1	7492.8	7364.2	7224.5
15°	7299.8	7339.8	7366.1	7377.7	7366.1	7339.8	7299.8	7230.9	7143.7	7033.1	6912.3
12.5°	7045.5	7094.2	7118.1	7132.6	7118.1	7094.2	7045.5	6986.8	6897.3	6810.4	6683.7
10°	6882.3	6929.4	6948.3	6955.3	6948.3	6929.4	6882.3	6826.1	6755.6	6658.1	6544.5
7.5°	6765.2	6795.4	6808.2	6818.1	6808.2	6795.4	6765.2	6720.6	6646.7	6545.8	6433.2
5°	6670.7	6694.8	6708.3	6722.5	6708.3	6694.8	6670.7	6617.8	6547.1	6457.2	6340.6
2.5°	6542.1	6576.5	6600.3	6614.6	6600.3	6576.5	6542.1	6494.3	6434.0	6348.5	6227.0
0°	6415.8	6448.2	6465.1	6492.9	6465.1	6448.2	6415.8	6368.0	6307.9	6223.1	6104.4
-2.5°	6276.9	6314.4	6358.9	6401.9	6358.9	6314.4	6276.9	6229.6	6176.8	6092.4	5979.0
-5°	6170.6	6220.1	6229.5	6257.0	6229.5	6220.1	6170.6	6110.0	6038.4	5946.4	5837.2
-7.5°	6010.4	6033.0	6071.3	6078.2	6071.3	6033.0	6010.4	5957.9	5869.9	5769.3	5652.7
-10°	5763.4	5800.1	5824.1	5848.5	5824.1	5800.1	5763.4	5708.0	5633.9	5535.4	5428.5
-12.5°	5473.2	5516.4	5554.9	5549.4	5554.9	5516.4	5473.2	5423.0	5356.1	5268.8	5161.3
-15°	5190.4	5232.1	5258.6	5255.0	5258.6	5232.1	5190.4	5128.1	5067.8	4983.1	4890.0
-17.5°	4909.8	4947.8	4986.2	4985.3	4986.2	4947.8	4909.8	4855.9	4788.0	4710.4	4612.6
-20°	4620.0	4652.6	4693.6	4710.9	4693.6	4652.6	4620.0	4573.5	4493.9	4409.4	4309.1



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	4285.0	4326.6	4356.5	4374.8	4356.5	4326.6	4285.0	4225.4	4155.1	4055.5	3967.0
-25°	3894.4	3937.2	3959.8	3967.9	3959.8	3937.2	3894.4	3849.0	3780.5	3684.3	3592.0
-27.5°	3462.9	3510.8	3534.1	3522.4	3534.1	3510.8	3462.9	3418.4	3343.1	3278.9	3189.3
-30°	3020.4	3051.1	3054.7	3081.5	3054.7	3051.1	3020.4	2987.1	2923.6	2862.2	2788.2
-32.5°	2583.8	2604.4	2592.7	2594.4	2592.7	2604.4	2583.8	2547.1	2495.7	2442.9	2392.2
-35°	2152.7	2169.1	2172.4	2202.8	2172.4	2169.1	2152.7	2133.7	2103.1	2045.6	2025.3
-37.5°	1806.2	1812.8	1802.7	1788.2	1802.7	1812.8	1806.2	1785.6	1765.7	1728.5	1713.9
-40°	1512.2	1517.3	1513.6	1506.1	1513.6	1517.3	1512.2	1497.5	1497.0	1478.5	1458.6
-42.5°	1300.8	1300.8	1297.4	1296.4	1297.4	1300.8	1300.8	1290.7	1288.2	1271.7	1246.0
-45°	1144.5	1146.2	1145.9	1145.3	1145.9	1146.2	1144.5	1137.4	1132.5	1121.3	1100.4
-47.5°	1023.3	1023.6	1022.0	1018.9	1022.0	1023.6	1023.3	1018.1	1010.8	1000.6	984.5
-50°	916.0	916.0	918.1	921.8	918.1	916.0	916.0	912.4	906.7	899.3	887.3
-52.5°	825.4	825.2	826.4	827.8	826.4	825.2	825.4	822.7	817.6	811.1	801.1
-55°	742.5	742.1	740.9	738.4	740.9	742.1	742.5	740.5	736.1	729.5	719.7
-57.5°	663.2	662.2	660.2	656.7	660.2	662.2	663.2	661.6	657.3	651.9	645.4
-60°	587.6	587.9	586.9	584.2	586.9	587.9	587.6	585.6	582.1	579.5	575.4
-62.5°	518.7	517.6	517.4	516.4	517.4	517.6	518.7	518.2	516.1	513.4	509.5
-65°	454.1	453.0	453.4	453.2	453.4	453.0	454.1	453.8	452.0	449.7	447.0
-67.5°	393.4	393.0	393.4	393.1	393.4	393.0	393.4	392.6	390.7	388.9	387.3
-70°	337.4	337.5	335.8	333.0	335.8	337.5	337.4	336.4	334.7	332.9	331.2
-72.5°	281.9	280.9	281.0	280.6	281.0	280.9	281.9	282.1	281.4	280.1	278.3
-75°	229.3	228.7	230.1	231.2	230.1	228.7	229.3	229.4	229.0	228.4	228.3
-77.5°	182.6	181.2	182.4	183.4	182.4	181.2	182.6	183.4	183.8	183.7	183.6
-80°	141.7	141.3	140.9	140.3	140.9	141.3	141.7	141.9	141.8	141.5	141.8
-82.5°	105.0	104.4	104.0	103.3	104.0	104.4	105.0	105.3	105.5	105.3	105.1
-85°	66.5	66.0	67.0	67.8	67.0	66.0	66.5	66.7	66.8	66.8	66.9
-87.5°	30.5	30.7	30.0	29.3	30.0	30.7	30.5	30.3	30.1	29.8	29.8
-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: P558922 (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°
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°	21.7	22.8	23.7	23.9	24.0	24.1	24.0	23.9	23.6	23.3	22.9
85°	68.6	68.8	68.9	70.0	70.7	70.9	70.6	69.4	67.8	65.7	63.1
82.5°	133.0	132.7	132.1	133.5	134.1	134.0	133.0	130.4	127.0	122.8	117.8
80°	206.3	206.1	205.7	208.5	209.9	209.8	207.9	203.2	197.0	190.6	184.3
77.5°	296.0	297.9	298.8	301.6	302.3	300.7	296.1	288.9	282.7	274.5	263.7
75°	408.5	411.1	412.9	415.6	415.8	413.4	408.7	400.0	388.5	374.1	354.9
72.5°	541.3	544.6	545.6	545.6	542.8	539.8	532.9	521.3	506.2	487.6	462.2
70°	697.8	700.0	699.1	694.6	689.0	681.7	670.1	653.8	632.9	610.9	579.9
67.5°	882.1	879.7	873.4	864.7	855.4	841.4	822.9	799.4	775.3	747.8	706.0
65°	1091.3	1084.0	1075.6	1063.8	1046.2	1022.7	994.2	964.5	933.0	894.6	841.8
62.5°	1327.3	1303.8	1295.7	1284.3	1262.0	1229.3	1194.3	1156.6	1109.5	1054.6	1001.5
60°	1602.0	1582.0	1562.0	1535.5	1502.7	1461.9	1417.7	1366.5	1308.6	1247.4	1176.5
57.5°	1898.7	1871.9	1851.5	1816.1	1765.3	1717.5	1662.0	1591.6	1522.1	1451.2	1366.4
55°	2254.0	2217.2	2173.7	2124.3	2070.0	2008.1	1932.3	1850.0	1765.1	1667.5	1577.0
52.5°	2602.3	2569.6	2519.6	2448.7	2384.9	2320.2	2231.1	2134.7	2038.7	1937.5	1810.5
50°	3014.1	2964.3	2896.1	2813.6	2746.7	2658.5	2559.3	2442.2	2342.3	2226.6	2086.7
47.5°	3427.9	3395.5	3315.1	3219.4	3157.5	3055.0	2932.8	2801.9	2691.5	2534.0	2381.5
45°	3951.6	3892.5	3802.3	3720.0	3623.1	3509.3	3353.4	3228.2	3080.8	2908.8	2687.8
42.5°	4565.1	4479.7	4362.7	4293.6	4177.2	4027.2	3853.8	3696.2	3512.2	3311.2	3057.3
40°	5308.7	5167.9	5049.1	4937.7	4805.0	4607.3	4415.1	4205.2	3985.3	3737.9	3407.5
37.5°	6162.8	6013.6	5838.3	5654.2	5482.9	5257.2	4999.9	4752.8	4488.4	4116.4	3739.6
35°	7052.2	6882.0	6665.5	6442.4	6176.2	5859.9	5594.4	5303.0	4942.0	4459.3	4047.0
32.5°	7930.3	7650.7	7416.4	7175.4	6777.0	6386.5	6100.8	5841.8	5228.7	4730.6	4317.0
30°	8565.3	8211.4	7973.9	7644.0	7143.9	6788.5	6516.8	5979.3	5408.7	4919.8	4527.3
27.5°	8704.2	8442.2	8201.2	7706.1	7275.5	6961.1	6536.5	5988.6	5469.7	5009.7	4629.6
25°	8437.4	8198.2	7904.9	7493.3	7133.8	6810.7	6365.0	5868.7	5403.0	4997.5	4570.9
22.5°	7930.7	7712.1	7445.1	7123.9	6819.0	6489.4	6096.6	5666.4	5265.9	4886.3	4473.4
20°	7446.6	7249.9	7002.4	6747.8	6485.7	6173.1	5800.2	5448.5	5122.6	4755.0	4356.2
17.5°	7066.1	6862.7	6668.4	6447.7	6179.1	5859.8	5591.5	5301.7	4979.7	4614.4	4222.4
15°	6748.9	6595.7	6410.5	6177.9	5931.5	5704.1	5449.0	5152.7	4831.8	4462.5	4097.5
12.5°	6555.2	6391.5	6189.2	6007.2	5801.9	5564.0	5301.1	4998.8	4692.0	4382.7	4055.4
10°	6400.2	6245.3	6078.6	5887.0	5670.3	5423.5	5177.5	4914.9	4629.1	4325.6	4001.6
7.5°	6301.0	6141.2	5963.5	5776.8	5568.9	5347.1	5105.9	4844.4	4556.0	4253.0	3935.3
5°	6204.6	6045.4	5874.7	5695.4	5482.9	5261.4	5022.7	4760.6	4471.0	4165.2	3856.0
2.5°	6094.4	5943.7	5779.0	5599.8	5383.7	5162.9	4927.4	4662.0	4376.7	4082.8	3765.8
0°	5970.3	5831.5	5654.3	5473.9	5270.4	5054.6	4818.8	4547.5	4268.5	3991.0	3661.1
-2.5°	5852.3	5704.7	5541.0	5362.0	5167.0	4943.6	4709.3	4446.8	4161.9	3881.4	3558.8
-5°	5708.4	5564.9	5400.5	5213.5	5017.0	4796.6	4563.6	4310.0	4029.8	3752.5	3444.2
-7.5°	5522.9	5385.1	5229.8	5043.7	4843.2	4622.9	4387.3	4133.9	3861.0	3586.7	3287.0
-10°	5300.3	5153.7	4995.8	4822.4	4634.5	4426.4	4193.4	3940.5	3677.9	3404.6	3116.5
-12.5°	5039.2	4899.7	4741.6	4572.1	4386.9	4183.4	3967.6	3726.4	3480.8	3206.3	2933.0
-15°	4761.3	4638.5	4482.8	4305.4	4116.1	3923.3	3718.5	3488.4	3261.6	2993.0	2736.5
-17.5°	4494.9	4359.9	4206.3	4042.5	3852.7	3650.0	3452.0	3241.0	3021.6	2777.0	2542.3
-20°	4196.2	4059.4	3917.0	3759.4	3578.6	3383.5	3181.8	2980.5	2774.5	2561.4	2348.1



REPORT NUMBER: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3858.9	3739.2	3604.6	3455.5	3278.6	3095.4	2910.5	2720.4	2525.5	2342.1	2150.7
-25°	3497.3	3388.8	3256.5	3115.6	2959.3	2793.8	2631.7	2462.9	2295.1	2123.2	1953.5
-27.5°	3106.4	3005.7	2891.2	2767.7	2629.4	2495.0	2351.7	2206.2	2070.7	1919.0	1770.9
-30°	2705.8	2627.5	2529.1	2413.0	2316.8	2204.8	2074.7	1971.2	1853.8	1723.9	1603.3
-32.5°	2320.3	2257.2	2176.3	2099.1	2018.6	1929.1	1840.2	1744.2	1641.7	1549.2	1450.5
-35°	1972.6	1919.9	1875.9	1818.0	1742.8	1683.3	1614.8	1536.0	1457.7	1383.4	1304.2
-37.5°	1686.3	1639.4	1606.5	1563.6	1511.1	1455.6	1410.7	1356.6	1292.3	1233.0	1168.7
-40°	1440.7	1401.7	1377.8	1352.0	1316.2	1264.4	1236.0	1195.6	1151.5	1094.4	1042.7
-42.5°	1244.0	1225.6	1198.4	1182.1	1154.0	1118.9	1082.3	1059.1	1023.7	979.2	936.9
-45°	1093.8	1081.9	1058.5	1042.2	1021.6	993.7	956.6	939.2	912.4	881.5	841.5
-47.5°	973.4	964.8	947.4	926.0	910.1	886.0	860.1	835.5	819.8	793.3	760.6
-50°	873.7	865.4	850.0	828.7	814.1	795.7	775.2	750.8	735.9	713.4	686.2
-52.5°	787.6	777.1	763.4	745.8	731.6	718.9	700.5	678.1	658.6	643.1	623.2
-55°	706.6	697.6	688.4	675.7	660.3	647.9	630.7	611.2	595.1	581.8	564.7
-57.5°	638.2	630.1	620.2	608.1	594.1	581.9	569.0	553.9	537.3	524.9	509.0
-60°	568.7	560.1	552.9	543.9	532.9	521.7	511.2	498.3	483.1	470.7	456.9
-62.5°	504.1	497.1	491.1	483.9	475.0	465.2	455.7	444.9	432.3	419.5	407.9
-65°	443.2	438.3	433.0	426.8	419.5	411.1	402.9	393.9	383.7	372.2	361.3
-67.5°	384.4	380.1	375.6	370.9	365.9	360.0	353.5	345.7	337.2	327.9	318.8
-70°	328.4	324.2	320.7	318.0	314.9	311.0	305.9	299.8	292.9	285.6	277.5
-72.5°	275.9	273.1	270.8	269.3	266.7	263.5	259.8	255.5	250.6	244.9	237.3
-75°	227.5	226.0	224.4	223.3	221.3	218.5	215.4	212.3	208.3	203.4	197.2
-77.5°	183.1	182.0	180.7	179.6	177.7	175.1	172.1	169.7	167.0	163.2	158.5
-80°	141.7	141.2	140.3	139.4	138.1	136.4	134.3	132.0	128.9	125.3	121.7
-82.5°	104.5	103.8	102.9	102.1	101.0	99.4	97.6	95.8	93.8	91.4	88.9
-85°	66.9	66.6	66.2	65.6	64.8	64.0	63.2	62.4	61.4	60.2	58.8
-87.5°	29.7	29.6	29.4	30.1	30.7	31.2	31.5	31.2	30.7	30.1	29.4
-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: P558922 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-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°	22.4	21.8	21.1	20.4	19.9	19.3	18.5	17.6	16.1	14.5	12.9
85°	59.8	56.2	52.1	47.5	43.2	38.6	37.0	35.1	32.1	29.0	25.7
82.5°	111.6	106.2	100.6	94.3	87.4	80.1	72.3	64.0	54.0	44.3	38.5
80°	176.2	167.1	157.2	146.4	134.3	121.5	110.9	99.4	85.1	71.4	58.1
77.5°	249.6	234.3	217.8	203.6	188.9	173.0	155.9	136.7	115.9	98.1	81.0
75°	331.5	312.2	292.3	270.8	247.8	224.6	204.3	180.7	152.7	125.3	103.6
72.5°	433.3	403.4	372.6	341.0	313.5	285.1	256.0	224.1	191.1	158.9	127.6
70°	542.4	501.2	462.5	424.4	384.8	345.6	311.8	272.3	229.0	192.0	156.0
67.5°	658.5	613.5	564.3	510.3	462.6	416.3	368.8	321.0	272.5	224.5	183.9
65°	790.3	733.5	672.0	612.8	549.5	487.6	434.5	371.4	315.1	262.0	211.1
62.5°	935.3	861.0	794.2	719.7	645.8	572.7	497.9	426.9	358.2	298.7	241.4
60°	1099.5	1018.1	924.3	840.9	751.7	662.2	573.3	480.6	405.6	334.4	272.4
57.5°	1280.1	1184.4	1084.0	973.8	869.1	763.2	648.5	542.0	451.4	373.2	302.2
55°	1469.0	1361.4	1248.0	1126.7	997.5	875.2	727.6	604.8	497.6	411.6	329.9
52.5°	1680.5	1551.9	1421.1	1284.3	1142.0	984.0	815.4	664.1	549.4	448.4	359.3
50°	1924.1	1763.3	1608.1	1450.9	1288.4	1098.4	897.4	734.9	598.1	485.4	387.3
47.5°	2202.1	2006.9	1814.5	1625.9	1446.2	1204.7	987.8	802.4	643.4	524.9	413.4
45°	2489.8	2274.8	2041.8	1823.6	1574.3	1312.3	1075.8	864.6	698.2	559.3	437.5
42.5°	2778.7	2546.0	2296.0	2023.1	1705.8	1414.2	1156.1	934.5	748.7	590.8	462.7
40°	3099.6	2816.4	2549.5	2208.5	1825.4	1507.0	1238.8	1000.1	794.1	622.7	488.0
37.5°	3405.6	3092.5	2799.0	2349.9	1934.9	1601.8	1314.3	1058.7	835.6	657.1	510.9
35°	3691.3	3360.0	2924.8	2465.0	2043.4	1682.2	1381.2	1114.1	879.8	687.4	531.5
32.5°	3951.8	3531.5	3021.2	2554.8	2129.6	1747.8	1441.9	1163.3	917.5	713.6	549.7
30°	4129.4	3595.6	3087.4	2619.6	2193.7	1811.3	1491.3	1204.2	948.9	735.7	566.6
27.5°	4138.8	3625.4	3122.8	2660.1	2237.9	1857.9	1528.9	1236.7	974.0	756.2	584.1
25°	4106.3	3612.4	3128.0	2675.1	2261.3	1896.0	1557.7	1261.0	997.1	776.2	598.5
22.5°	4030.5	3565.8	3104.4	2665.0	2287.0	1922.3	1581.5	1281.9	1015.7	791.2	609.6
20°	3934.6	3490.3	3064.8	2674.9	2299.9	1939.2	1599.4	1295.4	1027.8	801.4	617.7
17.5°	3817.2	3430.3	3058.2	2673.0	2299.9	1944.2	1607.5	1301.6	1033.5	807.0	622.7
15°	3763.2	3406.8	3038.1	2658.8	2287.2	1937.6	1606.0	1300.7	1033.1	808.2	626.2
12.5°	3719.8	3369.8	3005.5	2632.2	2262.3	1920.1	1595.4	1293.0	1026.9	808.2	628.9
10°	3664.9	3319.4	2960.5	2593.3	2225.7	1892.1	1576.0	1281.3	1023.8	806.8	629.0
7.5°	3598.0	3255.6	2903.0	2542.5	2181.7	1860.7	1556.1	1268.2	1017.4	802.1	626.8
5°	3520.3	3185.3	2841.3	2493.8	2148.2	1827.5	1529.9	1248.7	1006.5	794.1	622.4
2.5°	3436.3	3112.6	2772.2	2434.7	2105.9	1786.2	1496.6	1223.5	991.6	783.0	615.9
0°	3338.9	3027.5	2691.5	2364.7	2054.8	1737.3	1456.7	1193.1	972.7	769.2	607.4
-2.5°	3253.3	2934.1	2604.5	2288.7	1980.4	1678.7	1413.3	1162.6	951.8	755.6	598.5
-5°	3153.8	2828.6	2507.4	2202.9	1898.1	1614.1	1364.6	1128.0	927.5	739.6	587.8
-7.5°	3007.6	2699.6	2396.7	2106.6	1809.1	1544.2	1311.5	1090.0	900.2	721.4	575.5
-10°	2842.9	2553.6	2271.2	1997.8	1722.7	1475.4	1255.4	1049.1	870.2	701.2	561.7
-12.5°	2668.8	2399.8	2138.8	1883.7	1633.5	1407.5	1201.6	1008.8	838.3	679.2	546.5
-15°	2486.5	2239.4	2000.6	1765.7	1541.4	1336.1	1145.3	967.7	806.8	656.6	530.1
-17.5°	2301.0	2073.8	1857.5	1645.0	1447.5	1262.0	1087.0	924.5	773.6	634.0	513.7
-20°	2131.6	1919.1	1711.7	1523.0	1352.7	1185.7	1027.3	879.6	739.0	610.2	497.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1962.8	1776.3	1589.1	1409.5	1259.7	1107.7	966.9	833.3	703.2	585.4	479.3
-25°	1794.7	1634.4	1469.4	1315.2	1169.6	1035.4	908.4	785.9	666.4	559.6	460.4
-27.5°	1636.3	1496.0	1349.2	1220.8	1090.9	964.1	852.1	740.9	630.8	533.2	440.5
-30°	1485.2	1363.9	1241.3	1128.3	1013.0	902.0	795.7	696.0	598.3	507.6	419.8
-32.5°	1345.5	1233.5	1138.4	1042.5	941.4	840.4	743.3	651.3	565.7	482.1	400.4
-35°	1215.8	1122.1	1038.5	959.4	872.3	784.5	695.5	607.1	533.1	455.9	381.3
-37.5°	1092.2	1023.3	951.7	881.4	803.6	729.6	650.4	570.6	500.6	429.0	361.7
-40°	990.6	931.8	872.0	807.6	742.6	676.0	605.1	536.0	469.0	401.4	341.9
-42.5°	893.8	848.1	796.6	735.9	685.9	626.4	560.6	500.8	438.4	376.7	321.8
-45°	807.7	768.9	725.0	679.4	631.6	577.3	521.3	465.3	407.8	353.4	302.3
-47.5°	726.6	697.7	662.0	623.9	579.8	530.2	481.6	431.4	377.2	330.1	283.6
-50°	658.2	633.3	604.6	570.1	529.0	487.0	442.6	397.7	351.4	307.2	264.6
-52.5°	598.8	575.1	549.4	517.6	482.6	443.7	406.5	364.6	325.2	284.9	245.3
-55°	543.1	519.9	496.3	469.2	437.8	405.2	371.0	335.3	298.6	262.8	225.9
-57.5°	490.5	467.9	447.6	423.2	396.9	368.5	337.6	305.6	273.1	240.3	208.6
-60°	439.9	421.5	401.5	381.5	358.5	332.6	305.1	276.3	247.8	218.1	191.2
-62.5°	393.4	376.8	360.3	342.0	320.9	297.7	272.8	248.3	222.2	198.1	173.4
-65°	349.7	336.0	320.3	303.1	283.8	263.5	242.4	220.1	199.1	177.9	155.6
-67.5°	308.0	295.3	280.1	264.2	248.9	231.8	212.2	194.4	176.5	157.4	138.0
-70°	267.3	254.9	242.2	230.1	216.4	200.7	185.2	169.6	153.7	137.8	120.3
-72.5°	228.0	218.3	208.1	197.1	185.3	172.4	158.6	145.1	132.4	118.2	102.5
-75°	189.9	182.4	174.5	165.6	155.2	144.1	133.3	122.3	111.1	98.5	86.7
-77.5°	153.2	147.4	141.1	134.7	126.7	118.2	109.1	99.7	90.5	81.4	71.6
-80°	118.6	114.9	110.6	105.6	99.1	92.2	85.7	79.0	71.9	64.4	56.3
-82.5°	86.4	83.9	81.0	77.5	73.1	68.5	63.8	58.9	53.3	47.4	41.6
-85°	57.1	55.1	52.8	50.2	47.5	44.7	42.0	39.0	35.3	31.6	27.8
-87.5°	28.4	27.3	26.1	24.8	23.6	22.3	21.0	19.5	17.7	15.8	13.9
-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°	11.2	9.4	7.6	5.8	3.9	1.9	0.0
85°	22.3	18.8	15.2	11.6	7.8	3.8	0.0
82.5°	33.5	28.2	22.8	17.3	11.7	5.7	0.0
80°	45.5	37.6	30.4	23.0	15.5	7.6	0.0
77.5°	64.6	49.0	37.9	28.7	19.3	9.5	0.0
75°	83.5	64.2	46.1	34.4	23.1	11.4	0.0
72.5°	102.0	79.2	57.8	39.9	26.8	13.2	0.0
70°	120.9	94.0	69.2	46.0	30.5	15.0	0.0
67.5°	144.1	108.4	80.4	54.1	34.1	16.8	0.0
65°	166.6	124.4	91.3	62.1	37.6	18.5	0.0
62.5°	188.3	141.9	102.0	69.9	41.1	20.2	0.0
60°	209.3	158.7	112.3	77.4	44.5	21.9	0.0
57.5°	232.9	174.9	124.7	84.8	49.2	23.5	0.0
55°	255.9	190.4	136.8	91.8	53.8	25.1	0.0
52.5°	277.7	205.7	148.3	98.7	58.3	26.7	0.0
50°	298.1	222.3	159.3	105.2	62.7	28.1	0.0
47.5°	317.6	238.0	169.7	111.8	66.8	29.6	0.0
45°	338.0	252.6	179.4	119.1	70.8	30.9	0.0
42.5°	356.8	266.1	188.6	126.0	74.6	32.2	0.0
40°	374.0	278.6	197.9	132.5	78.3	33.5	0.0
37.5°	389.5	289.9	207.1	138.7	81.7	34.6	0.0
35°	403.2	301.2	215.6	144.5	84.9	35.7	0.0
32.5°	416.5	311.8	223.2	149.9	87.9	36.8	0.0
30°	430.7	321.1	230.0	154.9	90.7	37.7	0.0
27.5°	443.0	329.1	236.5	159.4	93.3	38.6	0.0
25°	453.3	335.8	242.2	163.6	95.7	39.4	0.0
22.5°	461.8	341.7	247.1	167.2	97.8	40.2	0.0
20°	468.4	347.5	251.2	170.5	99.7	40.8	0.0
17.5°	474.3	352.3	254.5	173.3	101.4	41.4	0.0
15°	479.1	356.1	257.1	175.6	102.8	41.9	0.0
12.5°	482.0	358.9	258.9	177.5	104.0	42.3	0.0
10°	483.2	360.7	260.0	179.0	105.0	42.7	0.0
7.5°	482.6	361.4	260.3	180.0	105.7	42.9	0.0
5°	480.5	361.1	260.0	180.6	106.2	43.1	0.0
2.5°	476.8	359.9	259.0	180.7	106.4	43.2	0.0
0°	471.7	357.6	257.4	180.4	106.4	43.2	0.0
-2.5°	466.3	354.2	256.2	179.6	106.1	43.3	0.0
-5°	459.6	349.9	254.3	178.3	105.7	43.2	0.0
-7.5°	451.7	344.8	251.9	176.7	104.9	43.1	0.0
-10°	442.6	338.8	248.9	174.6	104.0	42.9	0.0
-12.5°	432.4	332.2	245.4	172.2	102.8	42.7	0.0
-15°	421.2	324.8	241.3	169.4	101.4	42.3	0.0
-17.5°	409.0	316.8	236.6	166.2	99.8	41.9	0.0
-20°	396.4	308.3	231.4	162.7	98.0	41.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	383.8	299.3	225.8	158.9	96.0	40.7	0.0
-25°	370.4	290.2	219.6	154.7	93.8	40.0	0.0
-27.5°	356.3	280.8	212.9	150.2	91.5	39.3	0.0
-30°	341.6	270.8	205.8	145.4	88.9	38.4	0.0
-32.5°	326.3	260.2	198.4	140.3	86.2	37.5	0.0
-35°	312.0	249.1	190.6	135.0	83.3	36.5	0.0
-37.5°	297.9	238.0	182.5	129.4	80.3	35.4	0.0
-40°	283.2	227.2	174.0	123.5	77.1	34.2	0.0
-42.5°	268.1	216.1	165.6	117.4	73.8	33.0	0.0
-45°	252.5	204.7	157.2	111.2	70.3	31.7	0.0
-47.5°	236.5	192.9	148.5	104.6	66.7	30.3	0.0
-50°	221.8	180.9	139.6	98.8	63.0	28.9	0.0
-52.5°	207.2	168.5	130.3	93.1	59.2	27.4	0.0
-55°	192.3	156.6	120.8	87.2	55.3	25.9	0.0
-57.5°	177.2	144.5	111.1	81.1	51.3	24.2	0.0
-60°	162.0	132.2	101.2	74.9	47.1	22.6	0.0
-62.5°	147.1	119.6	92.8	68.6	43.6	20.9	0.0
-65°	132.0	106.8	84.2	62.1	40.0	19.1	0.0
-67.5°	116.6	94.9	75.5	55.5	36.3	17.3	0.0
-70°	101.1	84.0	66.7	48.8	32.5	15.5	0.0
-72.5°	87.7	73.0	57.8	42.7	28.6	13.6	0.0
-75°	74.5	61.9	48.7	36.7	24.6	11.8	0.0
-77.5°	61.2	50.6	40.5	30.7	20.6	9.8	0.0
-80°	47.8	40.2	32.5	24.6	16.6	7.9	0.0
-82.5°	35.8	30.2	24.4	18.5	12.5	5.9	0.0
-85°	23.9	20.2	16.3	12.4	8.3	4.0	0.0
-87.5°	12.0	10.1	8.2	6.2	4.2	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)