

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: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558890 (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-SA4B-930-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

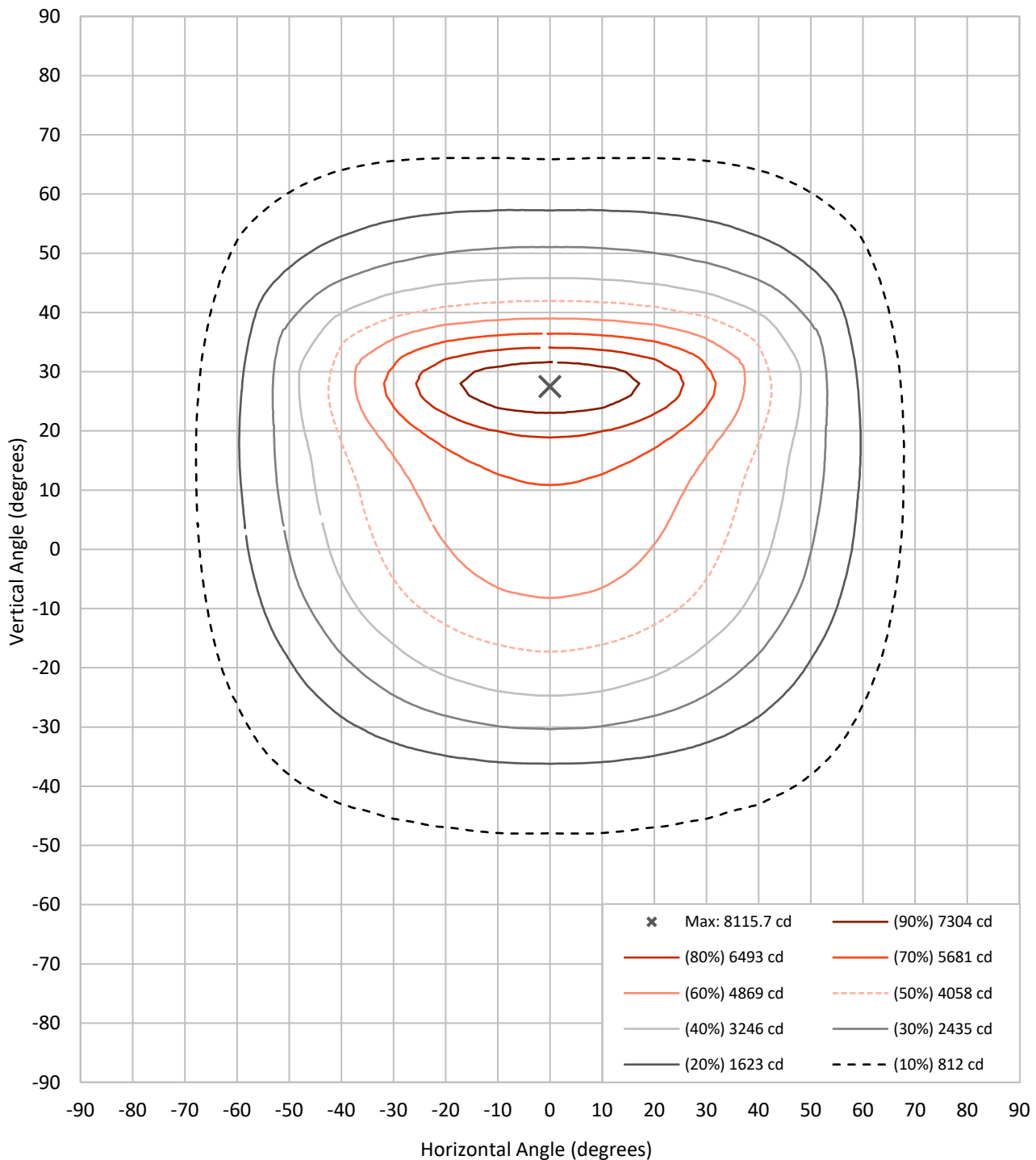
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11831.3 lumens	Max Intensity:	8115.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	93.9 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:	6136.3 lumens	Field Lumens:	10944.9 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	126		
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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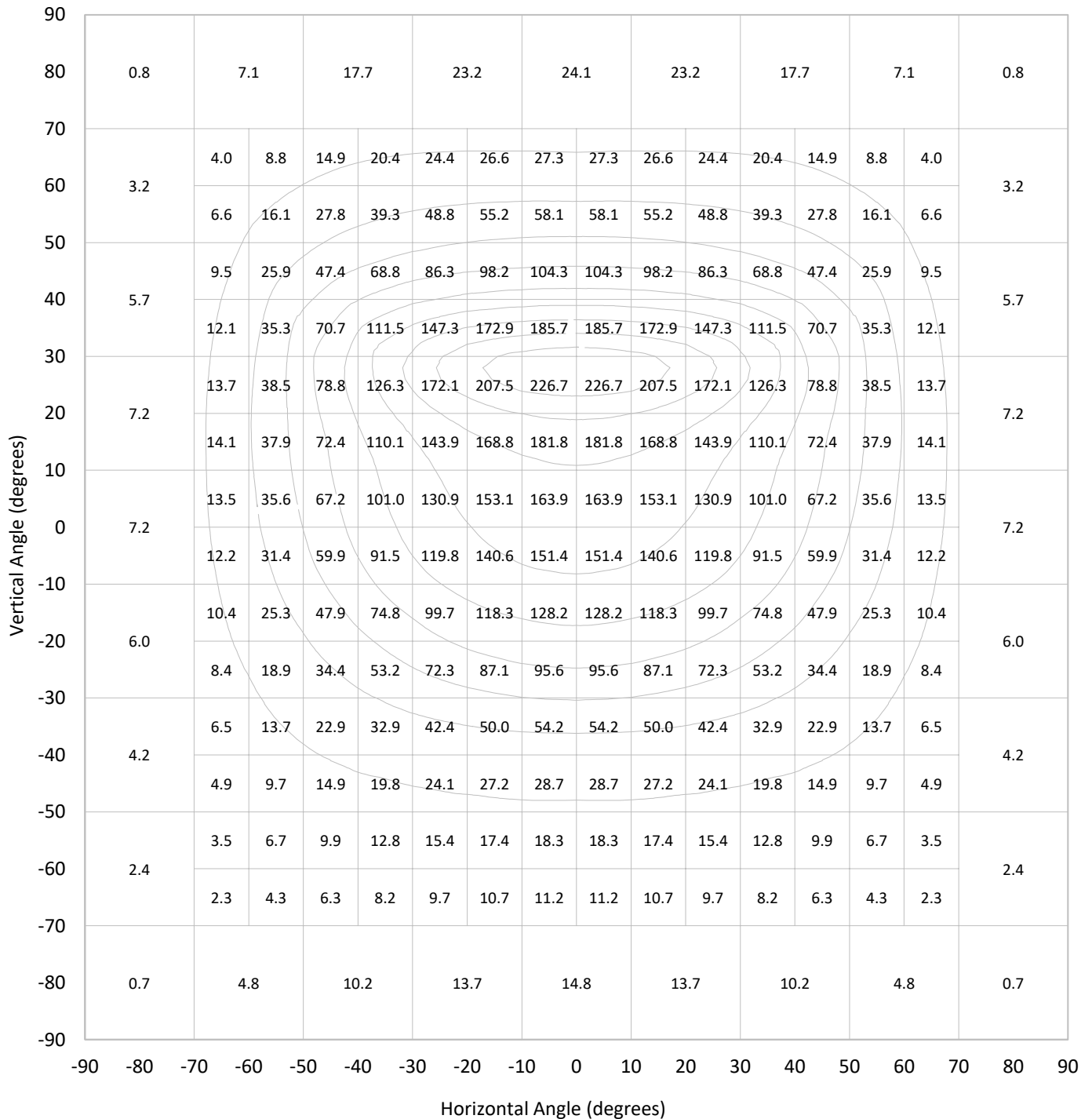
Iso-Candela Plot





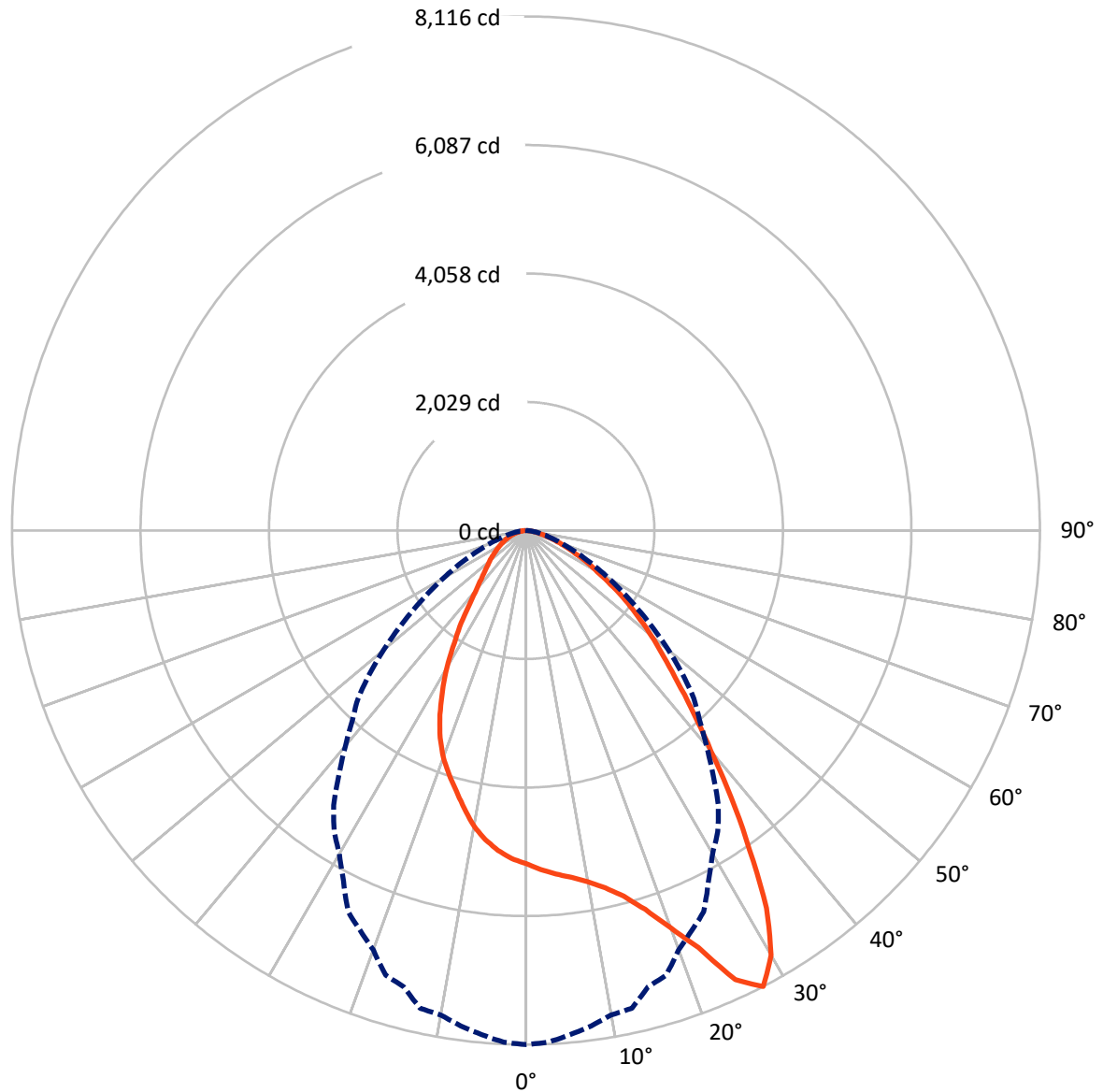
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Lumen Table



REPORT NUMBER: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
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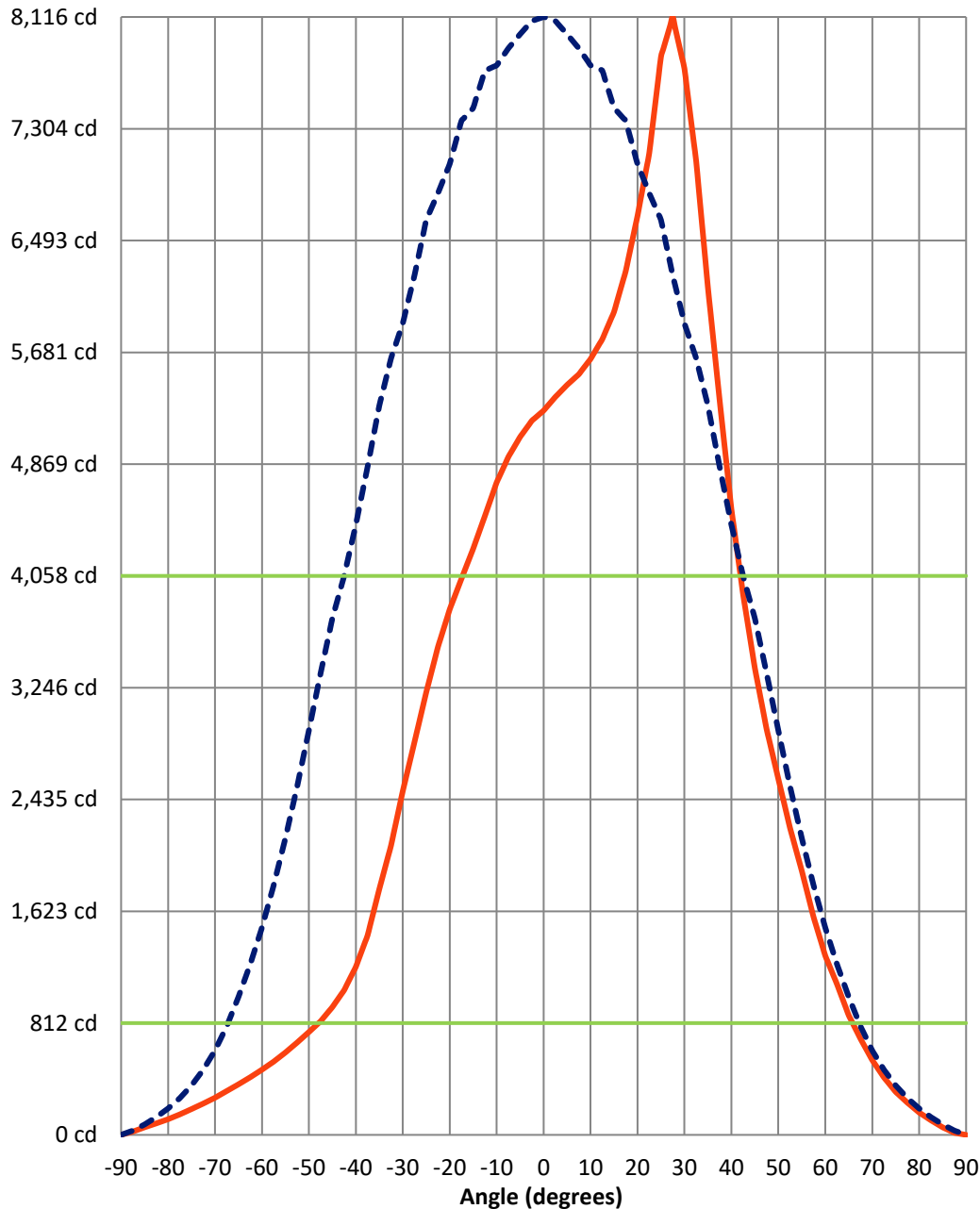
Luminous Intensity Polar Plot



— 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: 6136.3
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 10944.9
 Efficiency: 92.5%

Spill:
 Lumens: 886.3
 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	1.6	3.2	4.7	6.2	7.6	9.1	10.4	11.7	13.0	14.2
85°	0.0	3.1	6.3	9.4	12.4	15.3	18.1	20.8	23.5	26.0	28.5
82.5°	0.0	4.6	9.4	14.0	18.5	22.9	27.1	31.2	35.9	43.7	51.9
80°	0.0	6.2	12.6	18.7	24.6	30.4	36.9	47.1	57.8	69.0	80.5
77.5°	0.0	7.7	15.6	23.3	30.7	39.7	52.3	65.6	79.5	93.9	110.7
75°	0.0	9.2	18.7	27.8	37.4	52.0	67.6	83.9	101.5	123.7	146.4
72.5°	0.0	10.7	21.7	32.3	46.8	64.2	82.6	103.3	128.7	154.8	181.5
70°	0.0	12.2	24.7	37.2	56.0	76.1	97.9	126.3	155.4	185.5	220.5
67.5°	0.0	13.6	27.6	43.8	65.1	87.7	116.7	148.9	181.8	220.7	259.9
65°	0.0	15.0	30.5	50.3	73.9	100.7	134.9	170.9	212.2	255.2	300.8
62.5°	0.0	16.4	33.3	56.6	82.6	114.9	152.5	195.4	241.9	290.1	345.7
60°	0.0	17.8	36.0	62.7	90.9	128.5	169.4	220.5	270.8	328.5	389.2
57.5°	0.0	19.1	39.9	68.6	101.0	141.6	188.6	244.7	302.3	365.5	438.9
55°	0.0	20.4	43.6	74.4	110.8	154.2	207.2	267.1	333.4	403.0	489.8
52.5°	0.0	21.6	47.2	79.9	120.1	166.5	224.9	291.0	363.1	445.0	537.8
50°	0.0	22.8	50.7	85.2	129.0	180.0	241.4	313.7	393.1	484.3	595.1
47.5°	0.0	23.9	54.1	90.5	137.4	192.7	257.3	334.8	425.1	521.0	649.8
45°	0.0	25.0	57.4	96.4	145.3	204.6	273.8	354.3	452.9	565.4	700.2
42.5°	0.0	26.1	60.4	102.0	152.7	215.5	289.0	374.7	478.5	606.3	756.8
40°	0.0	27.1	63.4	107.3	160.2	225.6	302.9	395.2	504.3	643.1	809.9
37.5°	0.0	28.1	66.1	112.3	167.7	234.8	315.4	413.7	532.1	676.7	857.5
35°	0.0	28.9	68.7	117.0	174.6	243.9	326.6	430.4	556.7	712.5	902.3
32.5°	0.0	29.8	71.2	121.4	180.8	252.5	337.3	445.1	577.9	743.1	942.1
30°	0.0	30.6	73.5	125.4	186.3	260.0	348.8	458.9	595.8	768.5	975.2
27.5°	0.0	31.3	75.5	129.1	191.6	266.5	358.7	473.1	612.4	788.8	1001.5
25°	0.0	31.9	77.5	132.4	196.2	272.0	367.1	484.7	628.6	807.5	1021.2
22.5°	0.0	32.5	79.2	135.4	200.2	276.8	374.0	493.7	640.7	822.6	1038.1
20°	0.0	33.1	80.7	138.0	203.5	281.5	379.3	500.2	649.0	832.4	1049.0
17.5°	0.0	33.6	82.1	140.3	206.2	285.4	384.1	504.3	653.6	837.0	1054.1
15°	0.0	34.0	83.2	142.2	208.2	288.4	388.0	507.1	654.5	836.7	1053.4
12.5°	0.0	34.3	84.2	143.7	209.7	290.7	390.3	509.2	654.5	831.7	1047.1
10°	0.0	34.6	85.0	144.9	210.6	292.1	391.3	509.4	653.4	829.2	1037.6
7.5°	0.0	34.8	85.5	145.8	210.9	292.7	390.9	507.6	649.5	823.9	1027.0
5°	0.0	34.9	85.9	146.2	210.6	292.4	389.1	504.1	643.1	815.1	1011.2
2.5°	0.0	35.0	86.1	146.3	209.8	291.4	386.1	498.8	634.1	803.0	990.8
0°	0.0	35.0	86.1	146.1	208.5	289.6	382.0	491.9	622.9	787.7	966.2
-2.5°	0.0	35.0	85.9	145.4	207.5	286.9	377.6	484.7	611.9	770.7	941.5
-5°	0.0	35.0	85.5	144.4	206.0	283.4	372.2	476.0	599.0	751.1	913.5
-7.5°	0.0	34.9	84.9	143.1	204.0	279.2	365.8	466.1	584.2	729.0	882.7
-10°	0.0	34.8	84.1	141.4	201.6	274.4	358.5	454.9	567.9	704.7	849.5
-12.5°	0.0	34.6	83.2	139.5	198.7	269.0	350.2	442.6	550.0	678.8	816.9
-15°	0.0	34.3	82.1	137.2	195.4	263.1	341.2	429.3	531.7	653.4	783.7
-17.5°	0.0	33.9	80.8	134.6	191.6	256.6	331.3	416.0	513.5	626.5	748.7
-20°	0.0	33.5	79.3	131.8	187.5	249.7	321.1	402.6	494.2	598.4	712.3



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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	33.0	77.7	128.7	182.8	242.4	310.8	388.2	474.1	569.4	674.8
-25°	0.0	32.4	75.9	125.3	177.8	235.1	300.0	372.9	453.2	539.7	636.4
-27.5°	0.0	31.8	74.0	121.6	172.4	227.4	288.6	356.8	431.8	510.8	600.0
-30°	0.0	31.1	72.0	117.7	166.6	219.3	276.6	340.0	411.1	484.5	563.6
-32.5°	0.0	30.4	69.8	113.6	160.7	210.7	264.3	324.3	390.4	458.1	527.4
-35°	0.0	29.5	67.4	109.3	154.4	201.8	252.7	308.8	369.2	431.7	491.6
-37.5°	0.0	28.7	65.0	104.7	147.8	192.7	241.2	293.0	347.4	405.4	462.1
-40°	0.0	27.7	62.4	100.0	141.0	184.0	229.4	276.9	325.1	379.8	434.1
-42.5°	0.0	26.7	59.7	95.1	134.1	175.0	217.1	260.6	305.1	355.0	405.5
-45°	0.0	25.7	56.9	90.0	127.3	165.8	204.5	244.8	286.2	330.2	376.8
-47.5°	0.0	24.6	54.0	84.7	120.3	156.2	191.5	229.7	267.4	305.4	349.4
-50°	0.0	23.4	51.0	80.0	113.0	146.5	179.6	214.3	248.8	284.6	322.1
-52.5°	0.0	22.2	47.9	75.3	105.5	136.5	167.8	198.6	230.8	263.4	295.3
-55°	0.0	20.9	44.8	70.6	97.8	126.8	155.8	182.9	212.8	241.8	271.5
-57.5°	0.0	19.6	41.5	65.7	89.9	117.0	143.5	168.9	194.6	221.2	247.5
-60°	0.0	18.3	38.2	60.6	81.9	107.0	131.2	154.8	176.6	200.7	223.8
-62.5°	0.0	16.9	35.3	55.5	75.1	96.8	119.1	140.4	160.4	179.9	201.1
-65°	0.0	15.5	32.4	50.3	68.2	86.5	106.9	126.0	144.0	161.2	178.2
-67.5°	0.0	14.0	29.4	44.9	61.2	76.9	94.4	111.8	127.5	142.9	157.4
-70°	0.0	12.6	26.3	39.5	54.0	68.1	81.8	97.4	111.6	124.4	137.3
-72.5°	0.0	11.1	23.1	34.6	46.8	59.1	71.0	83.0	95.7	107.2	117.4
-75°	0.0	9.5	19.9	29.8	39.5	50.1	60.4	70.2	79.8	90.0	99.1
-77.5°	0.0	8.0	16.7	24.9	32.8	41.0	49.6	58.0	65.9	73.3	80.8
-80°	0.0	6.4	13.4	20.0	26.3	32.6	38.8	45.7	52.2	58.3	64.0
-82.5°	0.0	4.8	10.1	15.0	19.8	24.5	29.1	33.7	38.5	43.3	47.8
-85°	0.0	3.2	6.7	10.0	13.2	16.3	19.4	22.5	25.6	28.7	31.7
-87.5°	0.0	1.6	3.4	5.0	6.6	8.2	9.7	11.3	12.8	14.3	15.8
-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: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	15.0	15.6	16.1	16.5	17.1	17.6	18.1	18.5	18.9	19.1	19.3
85°	30.0	31.2	34.9	38.4	42.1	45.4	48.4	51.0	53.1	54.9	56.2
82.5°	58.6	64.8	70.8	76.4	81.4	86.0	90.3	95.3	99.4	102.8	105.6
80°	89.9	98.4	108.8	118.5	127.3	135.3	142.6	149.2	154.4	159.5	164.5
77.5°	126.3	140.1	153.0	164.9	176.3	189.8	202.2	213.5	222.3	228.9	234.0
75°	165.5	181.9	200.6	219.2	236.7	252.8	268.4	287.4	303.0	314.6	323.9
72.5°	207.3	230.9	253.8	276.1	301.8	326.7	350.9	374.4	394.9	410.0	422.2
70°	252.5	279.9	311.6	343.7	374.5	405.9	439.3	469.6	494.8	512.5	529.5
67.5°	298.7	337.1	374.6	413.3	457.0	496.8	533.3	571.7	605.6	627.9	647.4
65°	351.8	394.9	445.0	496.2	544.2	594.0	640.0	681.7	724.5	755.5	781.1
62.5°	403.3	463.8	522.9	582.8	643.2	697.3	757.4	811.0	854.0	898.5	936.6
60°	464.3	536.2	608.7	681.0	748.5	824.4	890.4	952.7	1010.2	1059.8	1106.7
57.5°	525.2	618.0	703.8	788.6	877.9	959.2	1036.7	1106.5	1175.3	1232.6	1288.9
55°	589.2	708.8	807.8	912.5	1010.7	1102.5	1189.7	1277.1	1350.4	1429.4	1498.1
52.5°	660.3	796.9	924.8	1040.1	1150.9	1256.8	1361.0	1466.2	1569.0	1651.0	1728.7
50°	726.8	889.6	1043.4	1175.0	1302.3	1428.0	1558.2	1689.8	1803.1	1896.9	1977.8
47.5°	799.9	975.7	1171.2	1316.7	1469.4	1625.2	1783.3	1928.7	2052.2	2179.7	2269.0
45°	871.2	1062.8	1274.9	1476.8	1653.5	1842.2	2016.3	2176.7	2355.7	2494.9	2614.3
42.5°	936.3	1145.3	1381.4	1638.4	1859.4	2061.9	2250.4	2475.9	2681.5	2844.3	2993.3
40°	1003.2	1220.4	1478.3	1788.5	2064.6	2280.8	2510.2	2759.5	3027.0	3227.4	3405.5
37.5°	1064.4	1297.2	1566.9	1903.0	2266.7	2504.4	2758.0	3028.5	3333.6	3634.9	3849.0
35°	1118.5	1362.2	1654.8	1996.2	2368.6	2721.0	2989.3	3277.4	3611.2	4002.2	4294.6
32.5°	1167.7	1415.4	1724.6	2068.9	2446.7	2859.9	3200.3	3496.0	3831.0	4234.4	4730.9
30°	1207.7	1466.8	1776.6	2121.5	2500.3	2911.9	3344.1	3666.3	3984.2	4380.1	4842.2
27.5°	1238.1	1504.5	1812.3	2154.2	2529.0	2936.0	3351.7	3749.3	4057.0	4429.5	4849.7
25°	1261.4	1535.5	1831.3	2166.4	2533.2	2925.4	3325.4	3701.7	4047.1	4375.5	4752.6
22.5°	1280.7	1556.8	1852.1	2158.2	2514.0	2887.7	3264.0	3622.7	3957.1	4264.5	4588.9
20°	1295.2	1570.4	1862.5	2166.2	2482.0	2826.5	3186.4	3527.7	3850.7	4148.5	4412.5
17.5°	1301.8	1574.4	1862.5	2164.7	2476.5	2777.9	3091.3	3419.4	3736.9	4032.7	4293.5
15°	1300.6	1569.2	1852.3	2153.2	2460.3	2758.9	3047.6	3318.3	3614.0	3913.0	4172.8
12.5°	1292.0	1555.0	1832.1	2131.6	2434.0	2729.0	3012.4	3284.2	3549.3	3799.8	4048.3
10°	1276.3	1532.3	1802.5	2100.1	2397.5	2688.1	2967.9	3240.7	3503.0	3748.8	3980.3
7.5°	1260.2	1506.8	1766.8	2058.9	2351.0	2636.5	2913.8	3187.0	3444.2	3689.6	3923.2
5°	1239.0	1479.9	1739.7	2019.5	2301.0	2579.5	2850.9	3122.7	3373.1	3620.7	3855.3
2.5°	1212.0	1446.5	1705.4	1971.7	2245.1	2520.7	2782.9	3049.7	3306.4	3544.3	3775.5
0°	1179.7	1406.9	1664.1	1915.0	2179.7	2451.8	2704.0	2964.9	3232.0	3456.7	3682.7
-2.5°	1144.6	1359.5	1603.8	1853.4	2109.3	2376.2	2634.7	2882.0	3143.3	3370.4	3601.2
-5°	1105.1	1307.1	1537.2	1784.0	2030.5	2290.7	2554.1	2789.3	3038.9	3263.4	3490.4
-7.5°	1062.1	1250.6	1465.1	1706.0	1940.9	2186.3	2435.7	2662.0	2904.6	3126.7	3347.8
-10°	1016.6	1194.8	1395.1	1617.9	1839.3	2068.0	2302.3	2523.9	2757.2	2978.4	3191.1
-12.5°	973.1	1139.8	1322.9	1525.5	1732.1	1943.5	2161.3	2375.2	2596.6	2818.8	3017.7
-15°	927.5	1082.1	1248.3	1429.9	1620.1	1813.6	2013.7	2216.1	2423.9	2641.3	2825.0
-17.5°	880.3	1022.0	1172.2	1332.2	1504.3	1679.5	1863.5	2058.8	2248.9	2447.0	2624.7
-20°	832.0	960.2	1095.5	1233.4	1386.2	1554.2	1726.3	1901.6	2074.3	2246.9	2413.8



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 CATALOG NUMBER: GFLD-SA4B-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°	783.0	897.1	1020.2	1141.5	1286.9	1438.5	1589.6	1741.8	1896.7	2045.3	2203.2
-25°	735.7	838.5	947.2	1065.1	1190.0	1323.6	1453.4	1582.0	1719.4	1858.7	1994.6
-27.5°	690.1	780.8	883.5	988.6	1092.6	1211.5	1325.1	1434.2	1554.1	1676.9	1786.7
-30°	644.4	730.5	820.4	913.8	1005.3	1104.5	1202.7	1298.4	1396.1	1501.3	1596.3
-32.5°	602.0	680.6	762.4	844.2	921.9	998.9	1089.7	1174.6	1254.6	1329.5	1412.5
-35°	563.2	635.3	706.5	777.0	841.0	908.7	984.6	1056.1	1120.3	1180.5	1243.9
-37.5°	526.7	590.9	650.8	713.8	770.7	828.7	884.5	946.5	998.5	1046.6	1098.6
-40°	490.0	547.4	601.4	654.0	706.1	754.6	802.3	844.4	886.3	932.5	968.3
-42.5°	453.9	507.2	555.5	596.0	645.1	686.9	723.9	758.8	793.0	829.1	857.7
-45°	422.1	467.5	511.5	550.2	587.1	622.7	654.1	681.5	713.9	739.0	760.6
-47.5°	390.0	429.3	469.5	505.3	536.1	565.0	588.4	615.9	642.5	663.9	676.6
-50°	358.4	394.3	428.4	461.7	489.6	512.9	533.0	555.7	577.7	596.0	608.0
-52.5°	329.2	359.3	390.8	419.2	444.9	465.7	485.0	504.7	520.8	533.3	549.1
-55°	300.4	328.1	354.5	379.9	401.9	421.0	439.8	457.3	471.2	482.0	495.0
-57.5°	273.4	298.4	321.4	342.7	362.5	378.8	397.2	412.1	425.0	435.1	448.6
-60°	247.1	269.4	290.3	308.9	325.1	341.3	356.2	370.0	381.2	391.2	403.6
-62.5°	220.9	241.1	259.9	277.0	291.7	305.1	318.6	330.3	339.7	350.1	360.3
-65°	196.3	213.3	229.9	245.4	259.3	272.1	283.2	292.6	301.5	310.7	318.9
-67.5°	171.9	187.7	201.6	214.0	226.8	239.1	249.4	258.2	265.6	273.1	280.0
-70°	149.9	162.6	175.2	186.4	196.2	206.5	216.5	224.7	231.3	237.2	242.8
-72.5°	128.4	139.6	150.0	159.7	168.6	176.8	184.7	192.1	198.3	202.9	207.0
-75°	108.0	116.7	125.7	134.1	141.4	147.8	153.8	159.8	164.8	168.7	171.9
-77.5°	88.4	95.7	102.6	109.1	114.3	119.4	124.1	128.4	132.2	135.3	137.4
-80°	69.5	74.7	80.3	85.6	89.7	93.1	96.1	98.6	101.4	104.3	106.9
-82.5°	51.7	55.5	59.2	62.8	65.6	68.0	70.0	72.0	74.0	75.9	77.6
-85°	34.0	36.2	38.5	40.7	42.8	44.7	46.3	47.7	48.8	49.7	50.5
-87.5°	17.0	18.1	19.1	20.1	21.1	22.1	23.0	23.8	24.4	24.9	25.3
-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-SA4B-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°	19.4	19.5	19.4	19.4	19.2	18.4	17.6	16.6	15.7	16.1	16.6
85°	57.2	57.5	57.3	56.7	55.8	55.7	55.5	55.2	54.6	55.5	56.2
82.5°	107.7	108.5	108.6	108.1	107.0	107.5	107.7	107.5	106.9	107.6	108.1
80°	168.4	169.9	170.0	168.9	166.6	166.9	167.1	166.6	165.5	165.7	165.7
77.5°	239.8	243.5	244.8	244.3	242.0	241.3	239.7	236.4	231.6	231.5	231.6
75°	331.0	334.8	336.7	336.6	334.4	332.9	330.9	327.1	321.8	321.5	321.6
72.5°	431.5	437.1	439.6	441.9	441.9	441.0	438.3	432.8	424.5	423.5	424.5
70°	542.7	552.0	558.0	562.5	566.1	566.9	565.1	560.6	553.4	551.5	550.9
67.5°	666.4	681.4	692.7	700.3	707.4	712.5	714.4	712.4	706.5	704.6	705.3
65°	805.1	828.2	847.3	861.5	871.1	877.9	883.8	887.3	888.1	890.2	892.9
62.5°	967.2	995.5	1022.0	1040.1	1049.4	1055.9	1074.9	1085.9	1089.0	1089.7	1093.9
60°	1148.1	1183.9	1216.9	1243.5	1265.0	1281.2	1297.4	1308.1	1312.1	1312.9	1318.7
57.5°	1345.9	1390.9	1429.6	1470.7	1499.4	1516.0	1537.6	1559.9	1571.6	1574.9	1588.6
55°	1564.8	1626.2	1676.4	1720.3	1760.4	1795.6	1825.3	1848.3	1865.3	1875.6	1893.7
52.5°	1806.8	1879.0	1931.4	1983.1	2040.5	2080.9	2107.4	2149.9	2180.7	2197.6	2219.2
50°	2072.6	2152.9	2224.4	2278.6	2345.3	2400.6	2440.9	2481.2	2509.3	2525.5	2546.4
47.5°	2375.1	2474.0	2557.0	2607.2	2684.7	2749.8	2776.1	2806.5	2859.6	2885.1	2907.4
45°	2715.7	2841.9	2934.1	3012.6	3079.2	3152.3	3200.1	3234.7	3286.9	3313.2	3329.7
42.5°	3121.0	3261.4	3382.8	3477.0	3533.1	3627.8	3697.0	3716.4	3790.4	3840.7	3855.4
40°	3575.5	3731.1	3891.3	3998.7	4089.0	4185.2	4299.2	4362.7	4425.3	4474.5	4485.6
37.5°	4049.1	4257.4	4440.3	4579.0	4728.1	4870.1	4990.9	5056.8	5097.9	5192.0	5227.2
35°	4530.5	4745.6	5001.7	5217.3	5398.0	5573.2	5711.1	5819.6	5923.0	6007.8	6058.6
32.5°	4940.6	5172.0	5488.2	5810.9	6006.0	6195.8	6422.2	6546.4	6684.4	6796.2	6877.8
30°	5277.5	5497.5	5785.4	6190.4	6457.6	6649.9	6936.5	7108.2	7258.5	7447.9	7513.8
27.5°	5293.5	5637.3	5891.9	6240.7	6641.6	6836.9	7049.0	7361.2	7455.8	7725.9	7764.8
25°	5154.6	5515.6	5777.2	6068.3	6401.7	6639.2	6832.9	7092.4	7228.3	7402.0	7535.4
22.5°	4937.2	5255.4	5522.3	5769.2	6029.3	6245.6	6422.6	6605.0	6754.2	6889.0	7014.1
20°	4697.2	4999.3	5252.4	5464.6	5670.8	5871.3	6030.5	6183.8	6312.8	6428.4	6499.7
17.5°	4528.2	4745.5	5004.1	5221.6	5400.3	5557.7	5722.4	5850.7	5963.8	6067.9	6133.0
15°	4412.8	4619.4	4803.5	5003.1	5191.5	5341.5	5465.5	5597.8	5695.6	5785.3	5855.8
12.5°	4293.0	4505.9	4698.6	4864.8	5012.3	5176.1	5308.7	5412.7	5515.3	5585.7	5658.2
10°	4193.0	4392.2	4592.0	4767.5	4922.7	5057.7	5183.2	5299.9	5392.0	5470.9	5528.0
7.5°	4134.9	4330.3	4509.9	4678.3	4829.5	4973.3	5102.8	5209.8	5301.1	5382.7	5442.5
5°	4067.5	4260.9	4440.2	4612.3	4757.6	4895.8	5024.7	5134.8	5229.3	5302.1	5359.3
2.5°	3990.3	4181.1	4360.0	4534.9	4680.1	4813.4	4935.5	5042.8	5141.2	5210.5	5259.2
0°	3902.4	4093.4	4268.2	4433.0	4579.0	4722.6	4835.0	4943.6	5039.7	5108.3	5157.0
-2.5°	3813.7	4003.5	4184.5	4342.3	4487.3	4619.9	4739.4	4842.0	4933.8	5002.2	5044.9
-5°	3695.8	3884.4	4063.0	4222.1	4373.6	4506.6	4622.8	4727.1	4815.6	4890.1	4948.1
-7.5°	3553.0	3743.8	3922.1	4084.6	4235.3	4361.0	4472.7	4577.8	4672.2	4753.7	4824.9
-10°	3396.0	3584.7	3753.2	3905.3	4045.8	4173.6	4292.4	4396.2	4482.8	4562.5	4622.6
-12.5°	3213.2	3387.9	3552.7	3702.7	3840.0	3967.9	4080.9	4179.8	4266.9	4337.7	4391.7
-15°	3011.4	3177.2	3333.3	3486.6	3630.4	3756.4	3855.8	3960.0	4035.5	4104.1	4152.8
-17.5°	2795.5	2955.8	3120.1	3273.7	3406.5	3530.8	3640.2	3735.4	3814.6	3877.5	3932.5
-20°	2576.8	2740.0	2898.1	3044.5	3172.2	3287.5	3398.2	3489.7	3570.9	3639.3	3703.8



REPORT NUMBER: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2357.1	2506.8	2655.1	2798.4	2919.1	3028.1	3125.1	3212.6	3284.3	3364.9	3421.9
-25°	2131.3	2262.6	2396.5	2523.1	2637.2	2744.4	2832.2	2909.0	2983.7	3061.5	3117.0
-27.5°	1904.5	2020.6	2129.4	2241.4	2341.4	2434.2	2515.7	2582.9	2655.4	2707.3	2768.4
-30°	1680.2	1785.5	1876.2	1954.2	2048.2	2127.8	2191.3	2258.0	2317.9	2367.6	2419.0
-32.5°	1490.3	1562.3	1634.8	1699.9	1762.4	1827.9	1879.1	1937.3	1978.3	2021.2	2062.7
-35°	1307.8	1363.2	1411.3	1472.3	1519.1	1554.8	1597.4	1640.2	1656.6	1703.1	1728.0
-37.5°	1142.5	1178.8	1223.8	1266.2	1301.0	1327.6	1365.6	1388.0	1399.8	1429.9	1446.0
-40°	1001.0	1024.0	1065.9	1094.9	1115.8	1135.1	1166.7	1181.2	1197.3	1212.3	1212.7
-42.5°	876.5	906.1	934.5	957.3	970.5	992.5	1007.4	1009.0	1029.9	1043.2	1045.3
-45°	774.7	804.8	827.3	844.0	857.2	876.2	885.8	891.1	908.1	917.1	921.1
-47.5°	696.5	717.5	737.0	749.9	767.2	781.3	788.3	797.3	810.3	818.6	824.5
-50°	627.8	644.4	659.2	671.1	688.3	700.8	707.5	718.5	728.3	734.3	739.0
-52.5°	567.3	582.2	592.5	603.9	618.2	629.3	637.9	648.8	656.9	662.1	666.3
-55°	510.7	524.7	534.7	547.2	557.5	564.9	572.2	582.8	590.8	596.1	599.7
-57.5°	460.8	471.3	481.1	492.5	502.2	510.3	516.8	522.7	527.9	532.3	535.7
-60°	414.0	422.6	431.6	440.5	447.8	453.6	460.6	465.9	469.3	471.4	474.3
-62.5°	369.0	376.7	384.7	391.9	397.7	402.6	408.3	412.7	415.8	418.0	419.6
-65°	326.3	332.9	339.7	345.6	350.7	354.9	358.9	362.0	364.2	366.1	367.5
-67.5°	286.3	291.6	296.3	300.4	304.2	307.8	311.3	313.6	314.9	316.4	318.0
-70°	247.7	251.9	255.0	257.5	259.7	262.5	265.9	268.3	269.6	271.1	272.5
-72.5°	210.4	213.5	216.0	218.1	219.3	221.1	223.4	225.3	226.8	227.9	228.5
-75°	174.5	177.0	179.2	180.8	181.7	183.0	184.2	184.8	184.9	185.4	185.8
-77.5°	139.3	141.8	143.9	145.4	146.3	147.4	148.3	148.7	148.8	148.9	148.6
-80°	108.8	110.4	111.8	112.9	113.6	114.4	114.8	114.9	114.6	114.9	115.0
-82.5°	79.0	80.5	81.7	82.7	83.3	84.1	84.7	85.1	85.3	85.4	85.3
-85°	51.1	51.8	52.5	53.1	53.6	54.0	54.2	54.2	54.1	54.1	54.0
-87.5°	25.6	25.3	24.9	24.4	23.8	23.9	24.1	24.1	24.1	24.4	24.6
-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: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	17.0	17.4	16.2	15.0	16.2	17.4	17.0	16.6	16.1	15.7	16.6
85°	56.7	57.1	56.1	54.9	56.1	57.1	56.7	56.2	55.5	54.6	55.2
82.5°	108.2	108.0	107.2	106.1	107.2	108.0	108.2	108.1	107.6	106.9	107.5
80°	165.1	164.0	163.4	162.3	163.4	164.0	165.1	165.7	165.7	165.5	166.6
77.5°	231.0	229.8	231.8	233.4	231.8	229.8	231.0	231.6	231.5	231.6	236.4
75°	320.3	317.9	315.5	312.1	315.5	317.9	320.3	321.6	321.5	321.8	327.1
72.5°	424.0	422.0	420.2	417.0	420.2	422.0	424.0	424.5	423.5	424.5	432.8
70°	547.6	541.8	542.7	543.0	542.7	541.8	547.6	550.9	551.5	553.4	560.6
67.5°	703.1	697.8	698.4	697.8	698.4	697.8	703.1	705.3	704.6	706.5	712.4
65°	891.3	885.4	878.2	867.6	878.2	885.4	891.3	892.9	890.2	888.1	887.3
62.5°	1093.4	1088.2	1091.2	1093.6	1091.2	1088.2	1093.4	1093.9	1089.7	1089.0	1085.9
60°	1317.7	1310.4	1306.7	1300.8	1306.7	1310.4	1317.7	1318.7	1312.9	1312.1	1308.1
57.5°	1594.9	1593.6	1590.3	1581.7	1590.3	1593.6	1594.9	1588.6	1574.9	1571.6	1559.9
55°	1902.2	1900.5	1907.6	1916.3	1907.6	1900.5	1902.2	1893.7	1875.6	1865.3	1848.3
52.5°	2235.2	2240.9	2238.9	2227.1	2238.9	2240.9	2235.2	2219.2	2197.6	2180.7	2149.9
50°	2564.9	2571.2	2577.9	2584.1	2577.9	2571.2	2564.9	2546.4	2525.5	2509.3	2481.2
47.5°	2938.5	2955.1	2958.0	2946.2	2958.0	2955.1	2938.5	2907.4	2885.1	2859.6	2806.5
45°	3362.9	3372.9	3378.0	3388.1	3378.0	3372.9	3362.9	3329.7	3313.2	3286.9	3234.7
42.5°	3898.0	3909.6	3911.5	3922.4	3911.5	3909.6	3898.0	3855.4	3840.7	3790.4	3716.4
40°	4533.2	4552.0	4548.7	4544.1	4548.7	4552.0	4533.2	4485.6	4474.5	4425.3	4362.7
37.5°	5276.7	5308.7	5312.1	5331.8	5312.1	5308.7	5276.7	5227.2	5192.0	5097.9	5056.8
35°	6111.2	6148.8	6142.3	6152.0	6142.3	6148.8	6111.2	6058.6	6007.8	5923.0	5819.6
32.5°	6952.9	7009.4	7020.8	7068.3	7020.8	7009.4	6952.9	6877.8	6796.2	6684.4	6546.4
30°	7614.3	7693.4	7745.1	7741.2	7745.1	7693.4	7614.3	7513.8	7447.9	7258.5	7108.2
27.5°	7888.2	7990.8	8086.7	8115.7	8086.7	7990.8	7888.2	7764.8	7725.9	7455.8	7361.2
25°	7620.9	7695.8	7780.6	7826.1	7780.6	7695.8	7620.9	7535.4	7402.0	7228.3	7092.4
22.5°	7071.7	7120.4	7149.3	7125.7	7149.3	7120.4	7071.7	7014.1	6889.0	6754.2	6605.0
20°	6573.3	6635.0	6646.5	6671.3	6646.5	6635.0	6573.3	6499.7	6428.4	6312.8	6183.8
17.5°	6202.4	6242.8	6266.5	6271.8	6266.5	6242.8	6202.4	6133.0	6067.9	5963.8	5850.7
15°	5911.7	5944.1	5965.3	5974.7	5965.3	5944.1	5911.7	5855.8	5785.3	5695.6	5597.8
12.5°	5705.7	5745.2	5764.5	5776.2	5764.5	5745.2	5705.7	5658.2	5585.7	5515.3	5412.7
10°	5573.6	5611.7	5627.0	5632.7	5627.0	5611.7	5573.6	5528.0	5470.9	5392.0	5299.9
7.5°	5478.7	5503.2	5513.5	5521.6	5513.5	5503.2	5478.7	5442.5	5382.7	5301.1	5209.8
5°	5402.2	5421.6	5432.6	5444.2	5432.6	5421.6	5402.2	5359.3	5302.1	5229.3	5134.8
2.5°	5298.0	5325.8	5345.1	5356.8	5345.1	5325.8	5298.0	5259.2	5210.5	5141.2	5042.8
0°	5195.7	5221.9	5235.7	5258.2	5235.7	5221.9	5195.7	5157.0	5108.3	5039.7	4943.6
-2.5°	5083.2	5113.6	5149.7	5184.5	5149.7	5113.6	5083.2	5044.9	5002.2	4933.8	4842.0
-5°	4997.2	5037.4	5044.8	5067.1	5044.8	5037.4	4997.2	4948.1	4890.1	4815.6	4727.1
-7.5°	4867.4	4885.7	4916.8	4922.3	4916.8	4885.7	4867.4	4824.9	4753.7	4672.2	4577.8
-10°	4667.4	4697.2	4716.5	4736.3	4716.5	4697.2	4667.4	4622.6	4562.5	4482.8	4396.2
-12.5°	4432.4	4467.4	4498.6	4494.1	4498.6	4467.4	4432.4	4391.7	4337.7	4266.9	4179.8
-15°	4203.4	4237.2	4258.6	4255.7	4258.6	4237.2	4203.4	4152.8	4104.1	4035.5	3960.0
-17.5°	3976.1	4007.0	4038.0	4037.2	4038.0	4007.0	3976.1	3932.5	3877.5	3814.6	3735.4
-20°	3741.5	3767.9	3801.1	3815.0	3801.1	3767.9	3741.5	3703.8	3639.3	3570.9	3489.7



REPORT NUMBER: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	3470.1	3503.9	3528.0	3542.9	3528.0	3503.9	3470.1	3421.9	3364.9	3284.3	3212.6
-25°	3153.8	3188.4	3206.8	3213.3	3206.8	3188.4	3153.8	3117.0	3061.5	2983.7	2909.0
-27.5°	2804.4	2843.2	2862.1	2852.5	2862.1	2843.2	2804.4	2768.4	2707.3	2655.4	2582.9
-30°	2446.1	2470.9	2473.8	2495.5	2473.8	2470.9	2446.1	2419.0	2367.6	2317.9	2258.0
-32.5°	2092.5	2109.2	2099.6	2101.0	2099.6	2109.2	2092.5	2062.7	2021.2	1978.3	1937.3
-35°	1743.4	1756.7	1759.3	1783.9	1759.3	1756.7	1743.4	1728.0	1703.1	1656.6	1640.2
-37.5°	1462.7	1468.1	1459.9	1448.1	1459.9	1468.1	1462.7	1446.0	1429.9	1399.8	1388.0
-40°	1224.6	1228.8	1225.8	1219.7	1225.8	1228.8	1224.6	1212.7	1212.3	1197.3	1181.2
-42.5°	1053.4	1053.5	1050.7	1049.9	1050.7	1053.5	1053.4	1045.3	1043.2	1029.9	1009.0
-45°	926.9	928.2	928.0	927.5	928.0	928.2	926.9	921.1	917.1	908.1	891.1
-47.5°	828.7	829.0	827.7	825.2	827.7	829.0	828.7	824.5	818.6	810.3	797.3
-50°	741.8	741.8	743.5	746.5	743.5	741.8	741.8	739.0	734.3	728.3	718.5
-52.5°	668.5	668.3	669.2	670.4	669.2	668.3	668.5	666.3	662.1	656.9	648.8
-55°	601.3	600.9	600.1	598.0	600.1	600.9	601.3	599.7	596.1	590.8	582.8
-57.5°	537.0	536.3	534.6	531.8	534.6	536.3	537.0	535.7	532.3	527.9	522.7
-60°	475.8	476.1	475.3	473.1	475.3	476.1	475.8	474.3	471.4	469.3	465.9
-62.5°	420.0	419.2	419.0	418.2	419.0	419.2	420.0	419.6	418.0	415.8	412.7
-65°	367.8	367.0	367.2	367.0	367.2	367.0	367.8	367.5	366.1	364.2	362.0
-67.5°	318.6	318.3	318.6	318.3	318.6	318.3	318.6	318.0	316.4	314.9	313.6
-70°	273.2	273.3	271.9	269.6	271.9	273.3	273.2	272.5	271.1	269.6	268.3
-72.5°	228.3	227.5	227.6	227.2	227.6	227.5	228.3	228.5	227.9	226.8	225.3
-75°	185.7	185.2	186.4	187.3	186.4	185.2	185.7	185.8	185.4	184.9	184.8
-77.5°	147.9	146.8	147.8	148.6	147.8	146.8	147.9	148.6	148.9	148.8	148.7
-80°	114.8	114.5	114.1	113.6	114.1	114.5	114.8	115.0	114.9	114.6	114.9
-82.5°	85.0	84.6	84.2	83.6	84.2	84.6	85.0	85.3	85.4	85.3	85.1
-85°	53.8	53.5	54.2	54.9	54.2	53.5	53.8	54.0	54.1	54.1	54.2
-87.5°	24.8	24.9	24.3	23.7	24.3	24.9	24.8	24.6	24.4	24.1	24.1
-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):

	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°	17.6	18.4	19.2	19.4	19.4	19.5	19.4	19.3	19.1	18.9	18.5
85°	55.5	55.7	55.8	56.7	57.3	57.5	57.2	56.2	54.9	53.1	51.0
82.5°	107.7	107.5	107.0	108.1	108.6	108.5	107.7	105.6	102.8	99.4	95.3
80°	167.1	166.9	166.6	168.9	170.0	169.9	168.4	164.5	159.5	154.4	149.2
77.5°	239.7	241.3	242.0	244.3	244.8	243.5	239.8	234.0	228.9	222.3	213.5
75°	330.9	332.9	334.4	336.6	336.7	334.8	331.0	323.9	314.6	303.0	287.4
72.5°	438.3	441.0	441.9	441.9	439.6	437.1	431.5	422.2	410.0	394.9	374.4
70°	565.1	566.9	566.1	562.5	558.0	552.0	542.7	529.5	512.5	494.8	469.6
67.5°	714.4	712.5	707.4	700.3	692.7	681.4	666.4	647.4	627.9	605.6	571.7
65°	883.8	877.9	871.1	861.5	847.3	828.2	805.1	781.1	755.5	724.5	681.7
62.5°	1074.9	1055.9	1049.4	1040.1	1022.0	995.5	967.2	936.6	898.5	854.0	811.0
60°	1297.4	1281.2	1265.0	1243.5	1216.9	1183.9	1148.1	1106.7	1059.8	1010.2	952.7
57.5°	1537.6	1516.0	1499.4	1470.7	1429.6	1390.9	1345.9	1288.9	1232.6	1175.3	1106.5
55°	1825.3	1795.6	1760.4	1720.3	1676.4	1626.2	1564.8	1498.1	1429.4	1350.4	1277.1
52.5°	2107.4	2080.9	2040.5	1983.1	1931.4	1879.0	1806.8	1728.7	1651.0	1569.0	1466.2
50°	2440.9	2400.6	2345.3	2278.6	2224.4	2152.9	2072.6	1977.8	1896.9	1803.1	1689.8
47.5°	2776.1	2749.8	2684.7	2607.2	2557.0	2474.0	2375.1	2269.0	2179.7	2052.2	1928.7
45°	3200.1	3152.3	3079.2	3012.6	2934.1	2841.9	2715.7	2614.3	2494.9	2355.7	2176.7
42.5°	3697.0	3627.8	3533.1	3477.0	3382.8	3261.4	3121.0	2993.3	2844.3	2681.5	2475.9
40°	4299.2	4185.2	4089.0	3998.7	3891.3	3731.1	3575.5	3405.5	3227.4	3027.0	2759.5
37.5°	4990.9	4870.1	4728.1	4579.0	4440.3	4257.4	4049.1	3849.0	3634.9	3333.6	3028.5
35°	5711.1	5573.2	5398.0	5217.3	5001.7	4745.6	4530.5	4294.6	4002.2	3611.2	3277.4
32.5°	6422.2	6195.8	6006.0	5810.9	5488.2	5172.0	4940.6	4730.9	4234.4	3831.0	3496.0
30°	6936.5	6649.9	6457.6	6190.4	5785.4	5497.5	5277.5	4842.2	4380.1	3984.2	3666.3
27.5°	7049.0	6836.9	6641.6	6240.7	5891.9	5637.3	5293.5	4849.7	4429.5	4057.0	3749.3
25°	6832.9	6639.2	6401.7	6068.3	5777.2	5515.6	5154.6	4752.6	4375.5	4047.1	3701.7
22.5°	6422.6	6245.6	6029.3	5769.2	5522.3	5255.4	4937.2	4588.9	4264.5	3957.1	3622.7
20°	6030.5	5871.3	5670.8	5464.6	5252.4	4999.3	4697.2	4412.5	4148.5	3850.7	3527.7
17.5°	5722.4	5557.7	5400.3	5221.6	5004.1	4745.5	4528.2	4293.5	4032.7	3736.9	3419.4
15°	5465.5	5341.5	5191.5	5003.1	4803.5	4619.4	4412.8	4172.8	3913.0	3614.0	3318.3
12.5°	5308.7	5176.1	5012.3	4864.8	4698.6	4505.9	4293.0	4048.3	3799.8	3549.3	3284.2
10°	5183.2	5057.7	4922.7	4767.5	4592.0	4392.2	4193.0	3980.3	3748.8	3503.0	3240.7
7.5°	5102.8	4973.3	4829.5	4678.3	4509.9	4330.3	4134.9	3923.2	3689.6	3444.2	3187.0
5°	5024.7	4895.8	4757.6	4612.3	4440.2	4260.9	4067.5	3855.3	3620.7	3373.1	3122.7
2.5°	4935.5	4813.4	4680.1	4534.9	4360.0	4181.1	3990.3	3775.5	3544.3	3306.4	3049.7
0°	4835.0	4722.6	4579.0	4433.0	4268.2	4093.4	3902.4	3682.7	3456.7	3232.0	2964.9
-2.5°	4739.4	4619.9	4487.3	4342.3	4184.5	4003.5	3813.7	3601.2	3370.4	3143.3	2882.0
-5°	4622.8	4506.6	4373.6	4222.1	4063.0	3884.4	3695.8	3490.4	3263.4	3038.9	2789.3
-7.5°	4472.7	4361.0	4235.3	4084.6	3922.1	3743.8	3553.0	3347.8	3126.7	2904.6	2662.0
-10°	4292.4	4173.6	4045.8	3905.3	3753.2	3584.7	3396.0	3191.1	2978.4	2757.2	2523.9
-12.5°	4080.9	3967.9	3840.0	3702.7	3552.7	3387.9	3213.2	3017.7	2818.8	2596.6	2375.2
-15°	3855.8	3756.4	3630.4	3486.6	3333.3	3177.2	3011.4	2825.0	2641.3	2423.9	2216.1
-17.5°	3640.2	3530.8	3406.5	3273.7	3120.1	2955.8	2795.5	2624.7	2447.0	2248.9	2058.8
-20°	3398.2	3287.5	3172.2	3044.5	2898.1	2740.0	2576.8	2413.8	2246.9	2074.3	1901.6



REPORT NUMBER: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3125.1	3028.1	2919.1	2798.4	2655.1	2506.8	2357.1	2203.2	2045.3	1896.7	1741.8
-25°	2832.2	2744.4	2637.2	2523.1	2396.5	2262.6	2131.3	1994.6	1858.7	1719.4	1582.0
-27.5°	2515.7	2434.2	2341.4	2241.4	2129.4	2020.6	1904.5	1786.7	1676.9	1554.1	1434.2
-30°	2191.3	2127.8	2048.2	1954.2	1876.2	1785.5	1680.2	1596.3	1501.3	1396.1	1298.4
-32.5°	1879.1	1827.9	1762.4	1699.9	1634.8	1562.3	1490.3	1412.5	1329.5	1254.6	1174.6
-35°	1597.4	1554.8	1519.1	1472.3	1411.3	1363.2	1307.8	1243.9	1180.5	1120.3	1056.1
-37.5°	1365.6	1327.6	1301.0	1266.2	1223.8	1178.8	1142.5	1098.6	1046.6	998.5	946.5
-40°	1166.7	1135.1	1115.8	1094.9	1065.9	1024.0	1001.0	968.3	932.5	886.3	844.4
-42.5°	1007.4	992.5	970.5	957.3	934.5	906.1	876.5	857.7	829.1	793.0	758.8
-45°	885.8	876.2	857.2	844.0	827.3	804.8	774.7	760.6	739.0	713.9	681.5
-47.5°	788.3	781.3	767.2	749.9	737.0	717.5	696.5	676.6	663.9	642.5	615.9
-50°	707.5	700.8	688.3	671.1	659.2	644.4	627.8	608.0	596.0	577.7	555.7
-52.5°	637.9	629.3	618.2	603.9	592.5	582.2	567.3	549.1	533.3	520.8	504.7
-55°	572.2	564.9	557.5	547.2	534.7	524.7	510.7	495.0	482.0	471.2	457.3
-57.5°	516.8	510.3	502.2	492.5	481.1	471.3	460.8	448.6	435.1	425.0	412.1
-60°	460.6	453.6	447.8	440.5	431.6	422.6	414.0	403.6	391.2	381.2	370.0
-62.5°	408.3	402.6	397.7	391.9	384.7	376.7	369.0	360.3	350.1	339.7	330.3
-65°	358.9	354.9	350.7	345.6	339.7	332.9	326.3	318.9	310.7	301.5	292.6
-67.5°	311.3	307.8	304.2	300.4	296.3	291.6	286.3	280.0	273.1	265.6	258.2
-70°	265.9	262.5	259.7	257.5	255.0	251.9	247.7	242.8	237.2	231.3	224.7
-72.5°	223.4	221.1	219.3	218.1	216.0	213.5	210.4	207.0	202.9	198.3	192.1
-75°	184.2	183.0	181.7	180.8	179.2	177.0	174.5	171.9	168.7	164.8	159.8
-77.5°	148.3	147.4	146.3	145.4	143.9	141.8	139.3	137.4	135.3	132.2	128.4
-80°	114.8	114.4	113.6	112.9	111.8	110.4	108.8	106.9	104.3	101.4	98.6
-82.5°	84.7	84.1	83.3	82.7	81.7	80.5	79.0	77.6	75.9	74.0	72.0
-85°	54.2	54.0	53.6	53.1	52.5	51.8	51.1	50.5	49.7	48.8	47.7
-87.5°	24.1	23.9	23.8	24.4	24.9	25.3	25.6	25.3	24.9	24.4	23.8
-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: P558890 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	18.1	17.6	17.1	16.5	16.1	15.6	15.0	14.2	13.0	11.7	10.4
85°	48.4	45.4	42.1	38.4	34.9	31.2	30.0	28.5	26.0	23.5	20.8
82.5°	90.3	86.0	81.4	76.4	70.8	64.8	58.6	51.9	43.7	35.9	31.2
80°	142.6	135.3	127.3	118.5	108.8	98.4	89.9	80.5	69.0	57.8	47.1
77.5°	202.2	189.8	176.3	164.9	153.0	140.1	126.3	110.7	93.9	79.5	65.6
75°	268.4	252.8	236.7	219.2	200.6	181.9	165.5	146.4	123.7	101.5	83.9
72.5°	350.9	326.7	301.8	276.1	253.8	230.9	207.3	181.5	154.8	128.7	103.3
70°	439.3	405.9	374.5	343.7	311.6	279.9	252.5	220.5	185.5	155.4	126.3
67.5°	533.3	496.8	457.0	413.3	374.6	337.1	298.7	259.9	220.7	181.8	148.9
65°	640.0	594.0	544.2	496.2	445.0	394.9	351.8	300.8	255.2	212.2	170.9
62.5°	757.4	697.3	643.2	582.8	522.9	463.8	403.3	345.7	290.1	241.9	195.4
60°	890.4	824.4	748.5	681.0	608.7	536.2	464.3	389.2	328.5	270.8	220.5
57.5°	1036.7	959.2	877.9	788.6	703.8	618.0	525.2	438.9	365.5	302.3	244.7
55°	1189.7	1102.5	1010.7	912.5	807.8	708.8	589.2	489.8	403.0	333.4	267.1
52.5°	1361.0	1256.8	1150.9	1040.1	924.8	796.9	660.3	537.8	445.0	363.1	291.0
50°	1558.2	1428.0	1302.3	1175.0	1043.4	889.6	726.8	595.1	484.3	393.1	313.7
47.5°	1783.3	1625.2	1469.4	1316.7	1171.2	975.7	799.9	649.8	521.0	425.1	334.8
45°	2016.3	1842.2	1653.5	1476.8	1274.9	1062.8	871.2	700.2	565.4	452.9	354.3
42.5°	2250.4	2061.9	1859.4	1638.4	1381.4	1145.3	936.3	756.8	606.3	478.5	374.7
40°	2510.2	2280.8	2064.6	1788.5	1478.3	1220.4	1003.2	809.9	643.1	504.3	395.2
37.5°	2758.0	2504.4	2266.7	1903.0	1566.9	1297.2	1064.4	857.5	676.7	532.1	413.7
35°	2989.3	2721.0	2368.6	1996.2	1654.8	1362.2	1118.5	902.3	712.5	556.7	430.4
32.5°	3200.3	2859.9	2446.7	2068.9	1724.6	1415.4	1167.7	942.1	743.1	577.9	445.1
30°	3344.1	2911.9	2500.3	2121.5	1776.6	1466.8	1207.7	975.2	768.5	595.8	458.9
27.5°	3351.7	2936.0	2529.0	2154.2	1812.3	1504.5	1238.1	1001.5	788.8	612.4	473.1
25°	3325.4	2925.4	2533.2	2166.4	1831.3	1535.5	1261.4	1021.2	807.5	628.6	484.7
22.5°	3264.0	2887.7	2514.0	2158.2	1852.1	1556.8	1280.7	1038.1	822.6	640.7	493.7
20°	3186.4	2826.5	2482.0	2166.2	1862.5	1570.4	1295.2	1049.0	832.4	649.0	500.2
17.5°	3091.3	2777.9	2476.5	2164.7	1862.5	1574.4	1301.8	1054.1	837.0	653.6	504.3
15°	3047.6	2758.9	2460.3	2153.2	1852.3	1569.2	1300.6	1053.4	836.7	654.5	507.1
12.5°	3012.4	2729.0	2434.0	2131.6	1832.1	1555.0	1292.0	1047.1	831.7	654.5	509.2
10°	2967.9	2688.1	2397.5	2100.1	1802.5	1532.3	1276.3	1037.6	829.2	653.4	509.4
7.5°	2913.8	2636.5	2351.0	2058.9	1766.8	1506.8	1260.2	1027.0	823.9	649.5	507.6
5°	2850.9	2579.5	2301.0	2019.5	1739.7	1479.9	1239.0	1011.2	815.1	643.1	504.1
2.5°	2782.9	2520.7	2245.1	1971.7	1705.4	1446.5	1212.0	990.8	803.0	634.1	498.8
0°	2704.0	2451.8	2179.7	1915.0	1664.1	1406.9	1179.7	966.2	787.7	622.9	491.9
-2.5°	2634.7	2376.2	2109.3	1853.4	1603.8	1359.5	1144.6	941.5	770.7	611.9	484.7
-5°	2554.1	2290.7	2030.5	1784.0	1537.2	1307.1	1105.1	913.5	751.1	599.0	476.0
-7.5°	2435.7	2186.3	1940.9	1706.0	1465.1	1250.6	1062.1	882.7	729.0	584.2	466.1
-10°	2302.3	2068.0	1839.3	1617.9	1395.1	1194.8	1016.6	849.5	704.7	567.9	454.9
-12.5°	2161.3	1943.5	1732.1	1525.5	1322.9	1139.8	973.1	816.9	678.8	550.0	442.6
-15°	2013.7	1813.6	1620.1	1429.9	1248.3	1082.1	927.5	783.7	653.4	531.7	429.3
-17.5°	1863.5	1679.5	1504.3	1332.2	1172.2	1022.0	880.3	748.7	626.5	513.5	416.0
-20°	1726.3	1554.2	1386.2	1233.4	1095.5	960.2	832.0	712.3	598.4	494.2	402.6



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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°	1589.6	1438.5	1286.9	1141.5	1020.2	897.1	783.0	674.8	569.4	474.1	388.2
-25°	1453.4	1323.6	1190.0	1065.1	947.2	838.5	735.7	636.4	539.7	453.2	372.9
-27.5°	1325.1	1211.5	1092.6	988.6	883.5	780.8	690.1	600.0	510.8	431.8	356.8
-30°	1202.7	1104.5	1005.3	913.8	820.4	730.5	644.4	563.6	484.5	411.1	340.0
-32.5°	1089.7	998.9	921.9	844.2	762.4	680.6	602.0	527.4	458.1	390.4	324.3
-35°	984.6	908.7	841.0	777.0	706.5	635.3	563.2	491.6	431.7	369.2	308.8
-37.5°	884.5	828.7	770.7	713.8	650.8	590.9	526.7	462.1	405.4	347.4	293.0
-40°	802.3	754.6	706.1	654.0	601.4	547.4	490.0	434.1	379.8	325.1	276.9
-42.5°	723.9	686.9	645.1	596.0	555.5	507.2	453.9	405.5	355.0	305.1	260.6
-45°	654.1	622.7	587.1	550.2	511.5	467.5	422.1	376.8	330.2	286.2	244.8
-47.5°	588.4	565.0	536.1	505.3	469.5	429.3	390.0	349.4	305.4	267.4	229.7
-50°	533.0	512.9	489.6	461.7	428.4	394.3	358.4	322.1	284.6	248.8	214.3
-52.5°	485.0	465.7	444.9	419.2	390.8	359.3	329.2	295.3	263.4	230.8	198.6
-55°	439.8	421.0	401.9	379.9	354.5	328.1	300.4	271.5	241.8	212.8	182.9
-57.5°	397.2	378.8	362.5	342.7	321.4	298.4	273.4	247.5	221.2	194.6	168.9
-60°	356.2	341.3	325.1	308.9	290.3	269.4	247.1	223.8	200.7	176.6	154.8
-62.5°	318.6	305.1	291.7	277.0	259.9	241.1	220.9	201.1	179.9	160.4	140.4
-65°	283.2	272.1	259.3	245.4	229.9	213.3	196.3	178.2	161.2	144.0	126.0
-67.5°	249.4	239.1	226.8	214.0	201.6	187.7	171.9	157.4	142.9	127.5	111.8
-70°	216.5	206.5	196.2	186.4	175.2	162.6	149.9	137.3	124.4	111.6	97.4
-72.5°	184.7	176.8	168.6	159.7	150.0	139.6	128.4	117.4	107.2	95.7	83.0
-75°	153.8	147.8	141.4	134.1	125.7	116.7	108.0	99.1	90.0	79.8	70.2
-77.5°	124.1	119.4	114.3	109.1	102.6	95.7	88.4	80.8	73.3	65.9	58.0
-80°	96.1	93.1	89.7	85.6	80.3	74.7	69.5	64.0	58.3	52.2	45.7
-82.5°	70.0	68.0	65.6	62.8	59.2	55.5	51.7	47.8	43.3	38.5	33.7
-85°	46.3	44.7	42.8	40.7	38.5	36.2	34.0	31.7	28.7	25.6	22.5
-87.5°	23.0	22.1	21.1	20.1	19.1	18.1	17.0	15.8	14.3	12.8	11.3
-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°	9.1	7.6	6.2	4.7	3.2	1.6	0.0
85°	18.1	15.3	12.4	9.4	6.3	3.1	0.0
82.5°	27.1	22.9	18.5	14.0	9.4	4.6	0.0
80°	36.9	30.4	24.6	18.7	12.6	6.2	0.0
77.5°	52.3	39.7	30.7	23.3	15.6	7.7	0.0
75°	67.6	52.0	37.4	27.8	18.7	9.2	0.0
72.5°	82.6	64.2	46.8	32.3	21.7	10.7	0.0
70°	97.9	76.1	56.0	37.2	24.7	12.2	0.0
67.5°	116.7	87.7	65.1	43.8	27.6	13.6	0.0
65°	134.9	100.7	73.9	50.3	30.5	15.0	0.0
62.5°	152.5	114.9	82.6	56.6	33.3	16.4	0.0
60°	169.4	128.5	90.9	62.7	36.0	17.8	0.0
57.5°	188.6	141.6	101.0	68.6	39.9	19.1	0.0
55°	207.2	154.2	110.8	74.4	43.6	20.4	0.0
52.5°	224.9	166.5	120.1	79.9	47.2	21.6	0.0
50°	241.4	180.0	129.0	85.2	50.7	22.8	0.0
47.5°	257.3	192.7	137.4	90.5	54.1	23.9	0.0
45°	273.8	204.6	145.3	96.4	57.4	25.0	0.0
42.5°	289.0	215.5	152.7	102.0	60.4	26.1	0.0
40°	302.9	225.6	160.2	107.3	63.4	27.1	0.0
37.5°	315.4	234.8	167.7	112.3	66.1	28.1	0.0
35°	326.6	243.9	174.6	117.0	68.7	28.9	0.0
32.5°	337.3	252.5	180.8	121.4	71.2	29.8	0.0
30°	348.8	260.0	186.3	125.4	73.5	30.6	0.0
27.5°	358.7	266.5	191.6	129.1	75.5	31.3	0.0
25°	367.1	272.0	196.2	132.4	77.5	31.9	0.0
22.5°	374.0	276.8	200.2	135.4	79.2	32.5	0.0
20°	379.3	281.5	203.5	138.0	80.7	33.1	0.0
17.5°	384.1	285.4	206.2	140.3	82.1	33.6	0.0
15°	388.0	288.4	208.2	142.2	83.2	34.0	0.0
12.5°	390.3	290.7	209.7	143.7	84.2	34.3	0.0
10°	391.3	292.1	210.6	144.9	85.0	34.6	0.0
7.5°	390.9	292.7	210.9	145.8	85.5	34.8	0.0
5°	389.1	292.4	210.6	146.2	85.9	34.9	0.0
2.5°	386.1	291.4	209.8	146.3	86.1	35.0	0.0
0°	382.0	289.6	208.5	146.1	86.1	35.0	0.0
-2.5°	377.6	286.9	207.5	145.4	85.9	35.0	0.0
-5°	372.2	283.4	206.0	144.4	85.5	35.0	0.0
-7.5°	365.8	279.2	204.0	143.1	84.9	34.9	0.0
-10°	358.5	274.4	201.6	141.4	84.1	34.8	0.0
-12.5°	350.2	269.0	198.7	139.5	83.2	34.6	0.0
-15°	341.2	263.1	195.4	137.2	82.1	34.3	0.0
-17.5°	331.3	256.6	191.6	134.6	80.8	33.9	0.0
-20°	321.1	249.7	187.5	131.8	79.3	33.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	310.8	242.4	182.8	128.7	77.7	33.0	0.0
-25°	300.0	235.1	177.8	125.3	75.9	32.4	0.0
-27.5°	288.6	227.4	172.4	121.6	74.0	31.8	0.0
-30°	276.6	219.3	166.6	117.7	72.0	31.1	0.0
-32.5°	264.3	210.7	160.7	113.6	69.8	30.4	0.0
-35°	252.7	201.8	154.4	109.3	67.4	29.5	0.0
-37.5°	241.2	192.7	147.8	104.7	65.0	28.7	0.0
-40°	229.4	184.0	141.0	100.0	62.4	27.7	0.0
-42.5°	217.1	175.0	134.1	95.1	59.7	26.7	0.0
-45°	204.5	165.8	127.3	90.0	56.9	25.7	0.0
-47.5°	191.5	156.2	120.3	84.7	54.0	24.6	0.0
-50°	179.6	146.5	113.0	80.0	51.0	23.4	0.0
-52.5°	167.8	136.5	105.5	75.3	47.9	22.2	0.0
-55°	155.8	126.8	97.8	70.6	44.8	20.9	0.0
-57.5°	143.5	117.0	89.9	65.7	41.5	19.6	0.0
-60°	131.2	107.0	81.9	60.6	38.2	18.3	0.0
-62.5°	119.1	96.8	75.1	55.5	35.3	16.9	0.0
-65°	106.9	86.5	68.2	50.3	32.4	15.5	0.0
-67.5°	94.4	76.9	61.2	44.9	29.4	14.0	0.0
-70°	81.8	68.1	54.0	39.5	26.3	12.6	0.0
-72.5°	71.0	59.1	46.8	34.6	23.1	11.1	0.0
-75°	60.4	50.1	39.5	29.8	19.9	9.5	0.0
-77.5°	49.6	41.0	32.8	24.9	16.7	8.0	0.0
-80°	38.8	32.6	26.3	20.0	13.4	6.4	0.0
-82.5°	29.1	24.5	19.8	15.0	10.1	4.8	0.0
-85°	19.4	16.3	13.2	10.0	6.7	3.2	0.0
-87.5°	9.7	8.2	6.6	5.0	3.4	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)