

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: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558746 (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-SA2E-940-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

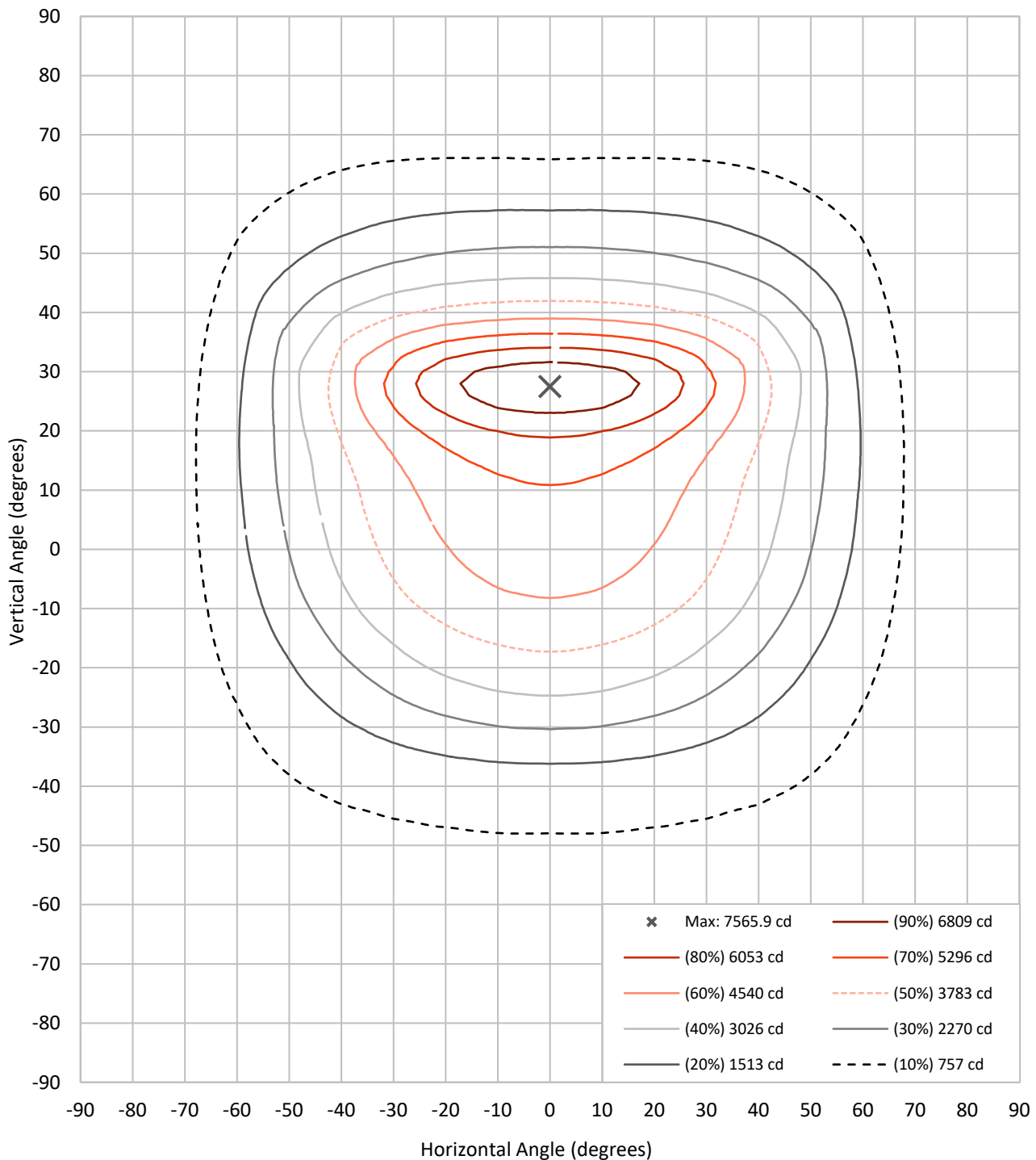
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11029.8 lumens	Max Intensity:	7565.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	86.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5720.6 lumens	Field Lumens:	10203.5 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	127		
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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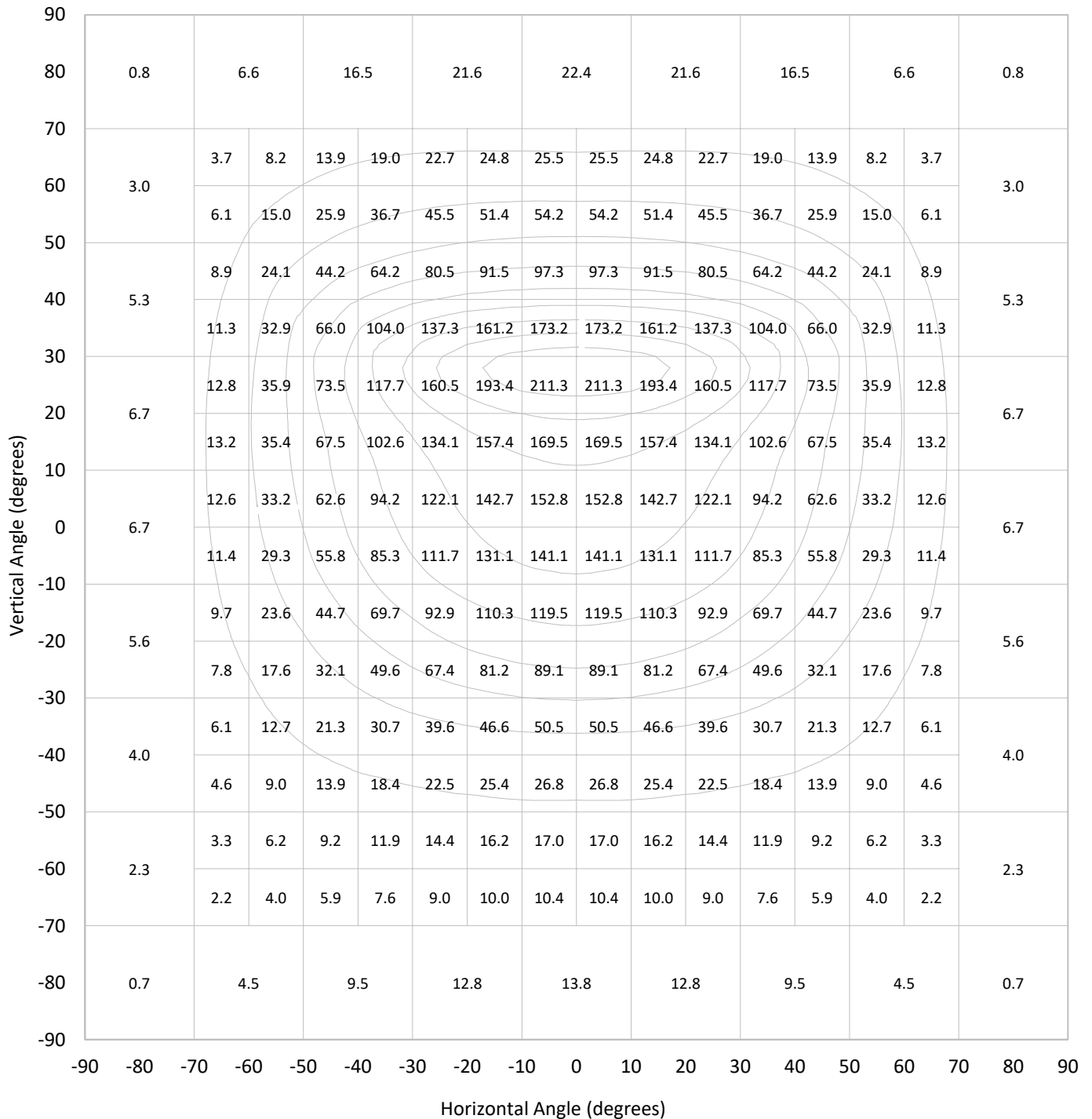
Iso-Candela Plot





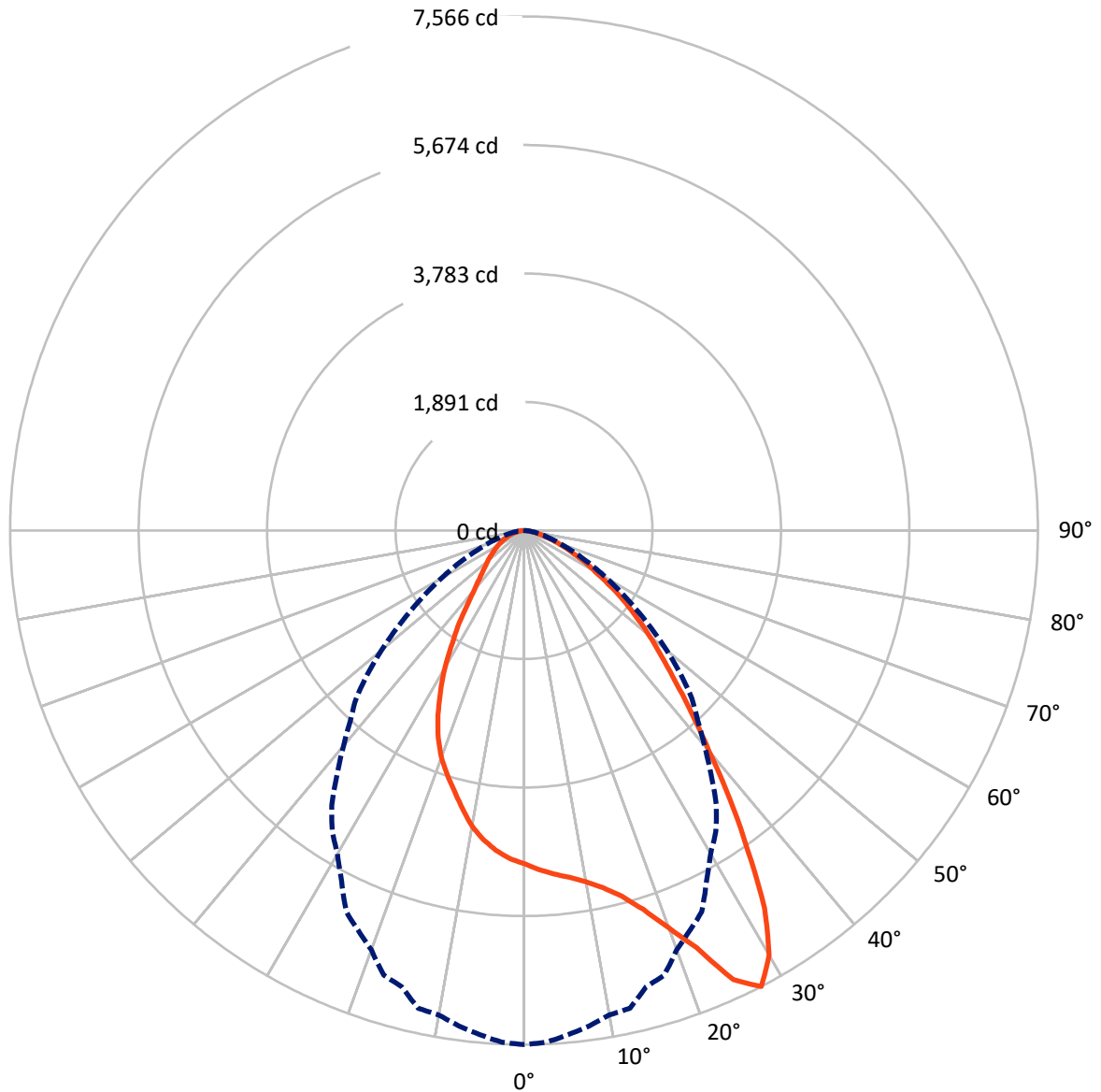
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Lumen Table



REPORT NUMBER: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
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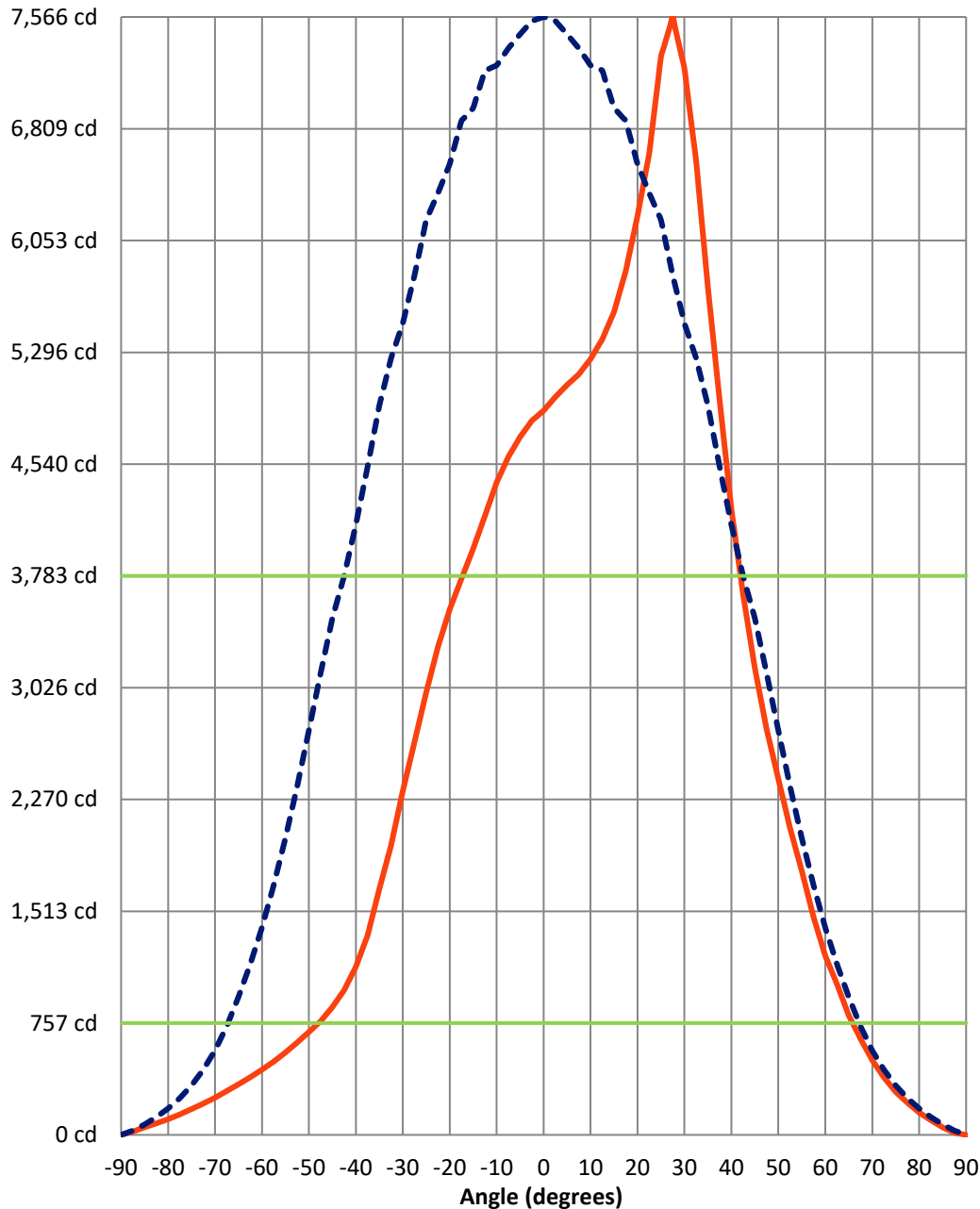
Luminous Intensity Polar Plot



— 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: 5720.6
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 10203.5
 Efficiency: 92.5%

Spill:
 Lumens: 826.3
 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	1.4	2.9	4.4	5.8	7.1	8.4	9.7	10.9	12.1	13.3
85°	0.0	2.9	5.9	8.7	11.5	14.2	16.9	19.4	21.9	24.2	26.5
82.5°	0.0	4.3	8.8	13.1	17.3	21.3	25.3	29.1	33.4	40.7	48.3
80°	0.0	5.8	11.7	17.4	23.0	28.4	34.4	43.9	53.9	64.2	75.0
77.5°	0.0	7.2	14.6	21.7	28.6	37.0	48.8	61.2	74.1	87.5	103.2
75°	0.0	8.6	17.5	26.0	34.8	48.5	63.0	78.2	94.6	115.2	136.4
72.5°	0.0	10.0	20.3	30.2	43.6	59.8	77.0	96.3	120.0	144.3	169.2
70°	0.0	11.3	23.0	34.7	52.2	70.9	91.3	117.8	144.9	172.9	205.6
67.5°	0.0	12.7	25.8	40.9	60.7	81.8	108.8	138.8	169.4	205.7	242.3
65°	0.0	14.0	28.4	46.9	68.9	93.9	125.7	159.3	197.8	237.9	280.4
62.5°	0.0	15.3	31.1	52.8	77.0	107.1	142.2	182.2	225.5	270.4	322.3
60°	0.0	16.6	33.6	58.5	84.8	119.8	158.0	205.6	252.5	306.2	362.8
57.5°	0.0	17.8	37.2	64.0	94.2	132.1	175.8	228.1	281.8	340.8	409.2
55°	0.0	19.0	40.7	69.4	103.3	143.8	193.2	249.1	310.8	375.7	456.6
52.5°	0.0	20.1	44.1	74.5	112.0	155.3	209.6	271.3	338.5	414.8	501.3
50°	0.0	21.2	47.3	79.4	120.2	167.8	225.1	292.4	366.5	451.5	554.8
47.5°	0.0	22.3	50.5	84.4	128.1	179.7	239.8	312.1	396.3	485.7	605.8
45°	0.0	23.3	53.5	89.9	135.5	190.7	255.2	330.3	422.2	527.1	652.8
42.5°	0.0	24.3	56.4	95.1	142.4	200.9	269.4	349.3	446.1	565.3	705.6
40°	0.0	25.3	59.1	100.0	149.4	210.3	282.3	368.4	470.1	599.6	755.1
37.5°	0.0	26.2	61.7	104.7	156.4	218.8	294.0	385.7	496.1	630.9	799.3
35°	0.0	27.0	64.1	109.1	162.8	227.4	304.4	401.2	519.0	664.2	841.1
32.5°	0.0	27.8	66.4	113.2	168.5	235.4	314.4	415.0	538.8	692.7	878.3
30°	0.0	28.5	68.5	116.9	173.7	242.4	325.1	427.7	555.4	716.4	909.1
27.5°	0.0	29.2	70.4	120.4	178.5	248.4	334.4	441.0	570.9	735.4	933.7
25°	0.0	29.8	72.2	123.5	182.9	253.5	342.2	451.8	586.0	752.8	952.1
22.5°	0.0	30.3	73.8	126.3	186.6	258.0	348.6	460.2	597.3	766.8	967.8
20°	0.0	30.8	75.3	128.7	189.7	262.4	353.6	466.3	605.1	775.9	978.0
17.5°	0.0	31.3	76.5	130.8	192.2	266.0	358.0	470.1	609.3	780.3	982.7
15°	0.0	31.6	77.6	132.6	194.1	268.9	361.6	472.8	610.1	780.0	982.0
12.5°	0.0	32.0	78.5	134.0	195.5	271.0	363.9	474.7	610.1	775.3	976.2
10°	0.0	32.2	79.2	135.1	196.3	272.3	364.7	474.8	609.1	773.0	967.3
7.5°	0.0	32.4	79.8	135.9	196.6	272.8	364.3	473.2	605.5	768.1	957.4
5°	0.0	32.5	80.1	136.3	196.3	272.6	362.7	469.9	599.5	759.9	942.8
2.5°	0.0	32.6	80.3	136.4	195.6	271.7	360.0	464.9	591.1	748.6	923.7
0°	0.0	32.6	80.3	136.2	194.4	270.0	356.1	458.5	580.7	734.4	900.8
-2.5°	0.0	32.6	80.1	135.6	193.5	267.4	352.0	451.8	570.4	718.6	877.7
-5°	0.0	32.6	79.7	134.6	192.1	264.2	347.0	443.7	558.4	700.2	851.6
-7.5°	0.0	32.5	79.2	133.4	190.2	260.3	341.0	434.4	544.6	679.6	822.9
-10°	0.0	32.4	78.5	131.9	188.0	255.8	334.2	424.0	529.4	657.0	792.0
-12.5°	0.0	32.2	77.6	130.0	185.3	250.8	326.5	412.6	512.7	632.8	761.6
-15°	0.0	31.9	76.5	127.9	182.2	245.2	318.1	400.2	495.7	609.1	730.6
-17.5°	0.0	31.6	75.3	125.5	178.7	239.2	308.9	387.8	478.6	584.1	698.0
-20°	0.0	31.2	74.0	122.9	174.8	232.8	299.3	375.3	460.7	557.9	664.1



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 CATALOG NUMBER: GFLD-SA2E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	30.7	72.5	120.0	170.5	226.0	289.8	361.9	441.9	530.9	629.1
-25°	0.0	30.2	70.8	116.8	165.8	219.1	279.7	347.6	422.5	503.1	593.3
-27.5°	0.0	29.6	69.0	113.4	160.7	212.0	269.0	332.7	402.5	476.3	559.3
-30°	0.0	29.0	67.1	109.8	155.4	204.5	257.9	317.0	383.2	451.7	525.5
-32.5°	0.0	28.3	65.1	105.9	149.8	196.5	246.3	302.3	364.0	427.1	491.8
-35°	0.0	27.5	62.9	101.9	143.9	188.1	235.6	287.9	344.2	402.5	458.4
-37.5°	0.0	26.7	60.6	97.7	137.8	179.7	224.9	273.1	323.9	378.0	430.8
-40°	0.0	25.8	58.2	93.2	131.4	171.6	213.8	258.1	303.1	354.1	404.7
-42.5°	0.0	24.9	55.7	88.7	125.0	163.2	202.4	242.9	284.4	331.0	378.1
-45°	0.0	23.9	53.1	83.9	118.7	154.5	190.6	228.2	266.9	307.9	351.3
-47.5°	0.0	22.9	50.4	79.0	112.1	145.6	178.6	214.2	249.3	284.8	325.7
-50°	0.0	21.8	47.6	74.6	105.4	136.5	167.5	199.8	231.9	265.3	300.3
-52.5°	0.0	20.7	44.7	70.3	98.4	127.2	156.4	185.2	215.1	245.6	275.3
-55°	0.0	19.5	41.7	65.8	91.2	118.2	145.2	170.5	198.4	225.4	253.1
-57.5°	0.0	18.3	38.7	61.3	83.9	109.1	133.8	157.5	181.4	206.2	230.7
-60°	0.0	17.1	35.6	56.6	76.4	99.8	122.3	144.3	164.7	187.1	208.6
-62.5°	0.0	15.8	32.9	51.8	70.1	90.3	111.1	130.9	149.6	167.7	187.5
-65°	0.0	14.4	30.2	46.9	63.6	80.6	99.6	117.5	134.3	150.3	166.2
-67.5°	0.0	13.1	27.4	41.9	57.0	71.7	88.0	104.2	118.8	133.2	146.7
-70°	0.0	11.7	24.5	36.8	50.4	63.5	76.3	90.8	104.0	116.0	128.0
-72.5°	0.0	10.3	21.6	32.2	43.6	55.1	66.2	77.4	89.2	99.9	109.5
-75°	0.0	8.9	18.6	27.7	36.8	46.7	56.3	65.5	74.4	83.9	92.4
-77.5°	0.0	7.4	15.6	23.2	30.6	38.2	46.2	54.0	61.4	68.3	75.3
-80°	0.0	6.0	12.5	18.6	24.5	30.3	36.1	42.6	48.6	54.3	59.7
-82.5°	0.0	4.5	9.4	14.0	18.4	22.8	27.0	31.4	35.8	40.3	44.5
-85°	0.0	3.0	6.3	9.3	12.3	15.2	18.0	21.0	23.8	26.7	29.5
-87.5°	0.0	1.5	3.1	4.7	6.2	7.6	9.0	10.5	11.9	13.4	14.7
-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: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	14.0	14.6	15.0	15.4	16.0	16.5	16.9	17.3	17.6	17.8	18.0
85°	27.9	29.1	32.6	35.9	39.3	42.4	45.1	47.6	49.5	51.2	52.4
82.5°	54.6	60.4	65.9	71.1	75.9	80.1	84.2	88.9	92.7	95.9	98.4
80°	83.7	91.7	101.4	110.4	118.6	126.1	133.0	139.1	143.9	148.7	153.4
77.5°	117.7	130.6	142.6	153.7	164.4	176.9	188.5	199.1	207.2	213.4	218.2
75°	154.2	169.5	187.1	204.4	220.7	235.7	250.3	268.0	282.4	293.3	302.0
72.5°	193.3	215.3	236.7	257.5	281.4	304.6	327.2	349.0	368.1	382.2	393.6
70°	235.4	261.0	290.5	320.4	349.2	378.4	409.5	437.8	461.2	477.8	493.6
67.5°	278.4	314.3	349.3	385.3	426.0	463.2	497.1	533.0	564.6	585.4	603.5
65°	328.0	368.1	414.9	462.6	507.4	553.7	596.7	635.5	675.4	704.4	728.2
62.5°	375.9	432.4	487.5	543.4	599.6	650.0	706.1	756.1	796.2	837.7	873.2
60°	432.8	499.9	567.5	634.8	697.8	768.6	830.1	888.2	941.8	988.0	1031.7
57.5°	489.6	576.2	656.2	735.2	818.4	894.2	966.5	1031.6	1095.6	1149.2	1201.6
55°	549.3	660.8	753.1	850.7	942.3	1027.8	1109.0	1190.6	1258.9	1332.6	1396.7
52.5°	615.6	742.9	862.2	969.6	1072.9	1171.6	1268.7	1366.9	1462.8	1539.1	1611.6
50°	677.5	829.3	972.7	1095.4	1214.1	1331.2	1452.6	1575.3	1681.0	1768.4	1843.8
47.5°	745.8	909.5	1091.8	1227.5	1369.9	1515.1	1662.5	1798.0	1913.2	2032.0	2115.3
45°	812.2	990.8	1188.6	1376.8	1541.5	1717.4	1879.8	2029.3	2196.1	2325.9	2437.2
42.5°	872.8	1067.7	1287.9	1527.4	1733.4	1922.2	2097.9	2308.2	2499.9	2651.6	2790.5
40°	935.3	1137.7	1378.2	1667.3	1924.8	2126.3	2340.1	2572.6	2822.0	3008.8	3174.8
37.5°	992.3	1209.4	1460.8	1774.1	2113.2	2334.8	2571.2	2823.4	3107.8	3388.6	3588.2
35°	1042.8	1270.0	1542.7	1861.0	2208.2	2536.7	2786.8	3055.4	3366.6	3731.1	4003.6
32.5°	1088.6	1319.5	1607.7	1928.8	2280.9	2666.2	2983.5	3259.2	3571.5	3947.6	4410.4
30°	1125.9	1367.4	1656.2	1977.7	2330.9	2714.6	3117.6	3418.0	3714.4	4083.4	4514.2
27.5°	1154.2	1402.6	1689.5	2008.3	2357.7	2737.1	3124.7	3495.3	3782.2	4129.5	4521.2
25°	1176.0	1431.4	1707.2	2019.7	2361.6	2727.2	3100.2	3450.9	3773.0	4079.1	4430.7
22.5°	1194.0	1451.3	1726.6	2012.0	2343.7	2692.1	3042.9	3377.3	3689.0	3975.6	4278.0
20°	1207.5	1464.0	1736.3	2019.5	2313.8	2635.1	2970.6	3288.8	3589.9	3867.4	4113.5
17.5°	1213.6	1467.7	1736.3	2018.1	2308.8	2589.8	2881.9	3187.8	3483.7	3759.5	4002.7
15°	1212.5	1462.8	1726.8	2007.3	2293.7	2572.0	2841.1	3093.5	3369.1	3647.9	3890.2
12.5°	1204.4	1449.6	1708.0	1987.2	2269.1	2544.1	2808.4	3061.7	3308.9	3542.4	3774.0
10°	1189.8	1428.4	1680.4	1957.9	2235.1	2506.0	2766.9	3021.1	3265.7	3494.9	3710.6
7.5°	1174.8	1404.8	1647.2	1919.5	2191.7	2457.9	2716.4	2971.1	3210.9	3439.7	3657.4
5°	1155.0	1379.7	1621.9	1882.7	2145.1	2404.8	2657.8	2911.2	3144.6	3375.4	3594.1
2.5°	1129.9	1348.5	1590.0	1838.1	2093.0	2349.9	2594.4	2843.0	3082.4	3304.3	3519.7
0°	1099.8	1311.6	1551.4	1785.3	2032.0	2285.7	2520.8	2764.0	3013.1	3222.6	3433.2
-2.5°	1067.0	1267.4	1495.2	1727.9	1966.3	2215.2	2456.2	2686.8	2930.4	3142.1	3357.2
-5°	1030.3	1218.6	1433.0	1663.2	1893.0	2135.5	2381.1	2600.3	2833.0	3042.4	3254.0
-7.5°	990.2	1165.9	1365.8	1590.5	1809.4	2038.2	2270.7	2481.6	2707.8	2915.0	3121.1
-10°	947.8	1113.9	1300.5	1508.3	1714.7	1927.9	2146.4	2352.9	2570.4	2776.7	2975.0
-12.5°	907.2	1062.7	1233.3	1422.2	1614.8	1811.8	2014.9	2214.3	2420.7	2627.9	2813.3
-15°	864.7	1008.8	1163.7	1333.1	1510.4	1690.7	1877.3	2066.0	2259.7	2462.4	2633.7
-17.5°	820.7	952.8	1092.8	1242.0	1402.5	1565.7	1737.2	1919.4	2096.6	2281.3	2446.9
-20°	775.6	895.2	1021.3	1149.8	1292.4	1448.9	1609.3	1772.8	1933.8	2094.7	2250.2



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 CATALOG NUMBER: GFLD-SA2E-940-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°	730.0	836.4	951.1	1064.2	1199.8	1341.1	1481.9	1623.8	1768.2	1906.7	2053.9
-25°	685.9	781.7	883.1	993.0	1109.4	1234.0	1355.0	1474.8	1603.0	1732.8	1859.5
-27.5°	643.4	727.9	823.6	921.6	1018.6	1129.5	1235.4	1337.0	1448.8	1563.3	1665.6
-30°	600.7	681.1	764.8	851.8	937.1	1029.7	1121.2	1210.4	1301.5	1399.6	1488.2
-32.5°	561.2	634.6	710.8	787.0	859.4	931.3	1015.8	1095.1	1169.6	1239.4	1316.8
-35°	525.1	592.3	658.6	724.4	784.0	847.1	917.9	984.6	1044.4	1100.5	1159.6
-37.5°	491.0	550.9	606.7	665.5	718.5	772.5	824.6	882.4	930.9	975.7	1024.2
-40°	456.9	510.4	560.7	609.7	658.3	703.5	747.9	787.2	826.2	869.3	902.7
-42.5°	423.2	472.9	517.9	555.6	601.4	640.3	674.8	707.4	739.3	772.9	799.6
-45°	393.5	435.9	476.9	513.0	547.4	580.5	609.8	635.4	665.6	688.9	709.1
-47.5°	363.6	400.2	437.8	471.1	499.8	526.8	548.6	574.2	599.0	619.0	630.8
-50°	334.1	367.6	399.4	430.4	456.5	478.1	496.9	518.1	538.6	555.6	566.8
-52.5°	306.9	334.9	364.4	390.8	414.8	434.2	452.1	470.5	485.6	497.3	512.0
-55°	280.1	305.9	330.5	354.2	374.7	392.4	410.0	426.3	439.2	449.4	461.5
-57.5°	254.9	278.2	299.6	319.5	337.9	353.2	370.2	384.2	396.2	405.7	418.2
-60°	230.3	251.1	270.6	288.0	303.1	318.2	332.1	344.9	355.4	364.7	376.2
-62.5°	205.9	224.7	242.3	258.2	272.0	284.5	297.0	307.9	316.7	326.4	335.9
-65°	183.0	198.9	214.3	228.8	241.7	253.6	264.0	272.8	281.1	289.7	297.4
-67.5°	160.2	175.0	187.9	199.4	211.4	222.9	232.5	240.7	247.6	254.6	261.1
-70°	139.8	151.6	163.4	173.7	182.9	192.5	201.8	209.5	215.6	221.1	226.4
-72.5°	119.7	130.2	139.9	148.9	157.2	164.9	172.2	179.2	184.9	189.2	193.0
-75°	100.7	108.8	117.2	125.0	131.8	137.8	143.4	148.9	153.6	157.3	160.3
-77.5°	82.4	89.2	95.7	101.7	106.6	111.3	115.7	119.7	123.3	126.1	128.1
-80°	64.7	69.7	74.9	79.8	83.6	86.8	89.5	91.9	94.6	97.3	99.6
-82.5°	48.2	51.7	55.2	58.6	61.2	63.4	65.3	67.1	69.0	70.8	72.3
-85°	31.7	33.7	35.9	37.9	39.9	41.6	43.1	44.4	45.5	46.4	47.1
-87.5°	15.8	16.9	17.8	18.7	19.7	20.6	21.4	22.2	22.7	23.2	23.5
-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: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	18.1	18.2	18.1	18.1	17.9	17.2	16.4	15.5	14.6	15.0	15.5
85°	53.3	53.6	53.4	52.9	52.0	52.0	51.8	51.4	50.9	51.7	52.3
82.5°	100.4	101.2	101.3	100.8	99.8	100.2	100.4	100.2	99.6	100.3	100.8
80°	156.9	158.4	158.5	157.4	155.3	155.6	155.8	155.3	154.3	154.5	154.5
77.5°	223.6	227.0	228.2	227.7	225.6	225.0	223.4	220.4	215.9	215.8	215.9
75°	308.6	312.1	313.9	313.8	311.7	310.4	308.4	304.9	300.0	299.8	299.8
72.5°	402.3	407.5	409.8	411.9	411.9	411.2	408.7	403.4	395.7	394.8	395.7
70°	505.9	514.6	520.2	524.4	527.8	528.5	526.9	522.6	515.9	514.1	513.5
67.5°	621.3	635.3	645.8	652.8	659.5	664.2	666.0	664.1	658.6	656.8	657.5
65°	750.6	772.1	789.9	803.2	812.1	818.4	823.9	827.2	828.0	829.9	832.4
62.5°	901.7	928.1	952.8	969.6	978.2	984.4	1002.1	1012.3	1015.3	1015.9	1019.8
60°	1070.3	1103.7	1134.5	1159.3	1179.3	1194.4	1209.5	1219.5	1223.2	1223.9	1229.3
57.5°	1254.8	1296.7	1332.8	1371.1	1397.8	1413.3	1433.5	1454.3	1465.1	1468.2	1481.0
55°	1458.8	1516.0	1562.8	1603.8	1641.1	1673.9	1701.7	1723.1	1739.0	1748.5	1765.4
52.5°	1684.5	1751.7	1800.6	1848.7	1902.2	1939.9	1964.6	2004.3	2033.0	2048.8	2068.9
50°	1932.2	2007.1	2073.7	2124.2	2186.4	2238.0	2275.6	2313.1	2339.4	2354.4	2373.9
47.5°	2214.2	2306.4	2383.8	2430.6	2502.8	2563.6	2588.0	2616.4	2665.8	2689.6	2710.5
45°	2531.7	2649.4	2735.3	2808.5	2870.7	2938.7	2983.4	3015.6	3064.3	3088.8	3104.2
42.5°	2909.6	3040.5	3153.6	3241.5	3293.8	3382.1	3446.5	3464.6	3533.7	3580.5	3594.3
40°	3333.3	3478.3	3627.7	3727.9	3812.0	3901.6	4007.9	4067.1	4125.5	4171.4	4181.8
37.5°	3774.8	3969.1	4139.5	4268.8	4407.8	4540.1	4652.8	4714.2	4752.5	4840.3	4873.1
35°	4223.7	4424.1	4662.9	4863.9	5032.3	5195.7	5324.2	5425.4	5521.8	5600.8	5648.2
32.5°	4605.9	4821.6	5116.5	5417.3	5599.2	5776.2	5987.3	6103.0	6231.6	6335.8	6411.8
30°	4920.0	5125.1	5393.5	5771.1	6020.1	6199.5	6466.6	6626.7	6766.7	6943.3	7004.7
27.5°	4934.9	5255.4	5492.8	5817.9	6191.7	6373.7	6571.5	6862.4	6950.7	7202.5	7238.8
25°	4805.4	5141.9	5385.8	5657.3	5968.0	6189.4	6370.0	6611.9	6738.7	6900.6	7025.0
22.5°	4602.8	4899.4	5148.2	5378.3	5620.8	5822.5	5987.5	6157.6	6296.7	6422.3	6539.0
20°	4379.0	4660.6	4896.5	5094.4	5286.6	5473.5	5622.0	5764.9	5885.1	5993.0	6059.4
17.5°	4221.4	4424.0	4665.1	4867.9	5034.5	5181.2	5334.7	5454.3	5559.8	5656.9	5717.6
15°	4113.9	4306.5	4478.1	4664.2	4839.8	4979.6	5095.3	5218.6	5309.8	5393.4	5459.1
12.5°	4002.2	4200.7	4380.3	4535.2	4672.7	4825.5	4949.0	5046.0	5141.7	5207.3	5274.9
10°	3908.9	4094.6	4280.9	4444.6	4589.2	4715.1	4832.1	4940.9	5026.7	5100.3	5153.6
7.5°	3854.8	4036.9	4204.3	4361.3	4502.3	4636.4	4757.1	4856.9	4942.0	5018.1	5073.9
5°	3792.0	3972.2	4139.5	4299.9	4435.3	4564.1	4684.3	4787.0	4875.1	4942.9	4996.2
2.5°	3720.0	3897.8	4064.6	4227.7	4363.0	4487.4	4601.1	4701.2	4792.9	4857.6	4903.0
0°	3638.1	3816.1	3979.1	4132.7	4268.8	4402.7	4507.4	4608.7	4698.3	4762.3	4807.7
-2.5°	3555.4	3732.3	3901.0	4048.2	4183.3	4306.9	4418.4	4514.0	4599.6	4663.3	4703.2
-5°	3445.4	3621.3	3787.7	3936.1	4077.2	4201.3	4309.7	4406.9	4489.4	4558.9	4612.9
-7.5°	3312.3	3490.2	3656.4	3807.9	3948.4	4065.6	4169.7	4267.7	4355.7	4431.6	4498.1
-10°	3165.9	3341.8	3498.9	3640.8	3771.7	3890.9	4001.6	4098.4	4179.1	4253.4	4309.4
-12.5°	2995.5	3158.3	3312.0	3451.8	3579.8	3699.2	3804.5	3896.7	3977.8	4043.8	4094.2
-15°	2807.4	2962.0	3107.5	3250.4	3384.5	3502.0	3594.6	3691.8	3762.2	3826.1	3871.5
-17.5°	2606.1	2755.6	2908.7	3052.0	3175.7	3291.6	3393.6	3482.4	3556.2	3614.8	3666.1
-20°	2402.2	2554.5	2701.8	2838.3	2957.3	3064.7	3168.0	3253.3	3329.0	3392.7	3452.9



REPORT NUMBER: P558746 (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°	2197.4	2337.0	2475.3	2608.9	2721.4	2823.0	2913.3	2995.0	3061.8	3137.0	3190.0
-25°	1986.9	2109.3	2234.2	2352.2	2458.6	2558.5	2640.4	2711.9	2781.5	2854.2	2905.9
-27.5°	1775.5	1883.7	1985.2	2089.5	2182.7	2269.2	2345.3	2407.9	2475.5	2524.0	2580.9
-30°	1566.4	1664.6	1749.2	1821.8	1909.4	1983.7	2042.8	2105.0	2160.8	2207.2	2255.1
-32.5°	1389.3	1456.4	1524.0	1584.8	1643.1	1704.1	1751.8	1806.0	1844.3	1884.2	1923.0
-35°	1219.2	1270.9	1315.8	1372.6	1416.3	1449.5	1489.2	1529.0	1544.4	1587.7	1610.9
-37.5°	1065.1	1099.0	1140.9	1180.4	1212.9	1237.7	1273.1	1293.9	1304.9	1333.0	1348.0
-40°	933.2	954.6	993.7	1020.7	1040.2	1058.2	1087.7	1101.2	1116.2	1130.2	1130.6
-42.5°	817.1	844.7	871.2	892.4	904.7	925.3	939.2	940.7	960.1	972.5	974.4
-45°	722.3	750.3	771.3	786.8	799.1	816.8	825.7	830.7	846.6	855.0	858.7
-47.5°	649.3	668.9	687.1	699.1	715.3	728.4	734.9	743.2	755.4	763.1	768.6
-50°	585.3	600.8	614.6	625.6	641.7	653.4	659.6	669.9	678.9	684.5	688.9
-52.5°	528.9	542.8	552.4	563.1	576.4	586.7	594.7	604.8	612.4	617.3	621.2
-55°	476.2	489.2	498.5	510.2	519.7	526.6	533.5	543.4	550.8	555.8	559.1
-57.5°	429.6	439.4	448.5	459.1	468.2	475.7	481.8	487.3	492.1	496.3	499.5
-60°	385.9	393.9	402.3	410.6	417.5	422.9	429.4	434.4	437.5	439.5	442.1
-62.5°	344.0	351.2	358.6	365.3	370.8	375.3	380.6	384.7	387.6	389.7	391.2
-65°	304.2	310.4	316.7	322.2	326.9	330.9	334.6	337.5	339.5	341.3	342.6
-67.5°	266.9	271.8	276.2	280.1	283.6	287.0	290.2	292.4	293.6	295.0	296.4
-70°	231.0	234.8	237.8	240.1	242.1	244.8	247.9	250.1	251.4	252.8	254.0
-72.5°	196.2	199.0	201.4	203.3	204.5	206.2	208.3	210.1	211.4	212.5	213.0
-75°	162.7	165.0	167.1	168.6	169.5	170.7	171.8	172.3	172.4	172.9	173.2
-77.5°	129.9	132.2	134.2	135.6	136.4	137.4	138.2	138.7	138.7	138.8	138.5
-80°	101.4	103.0	104.2	105.2	105.9	106.6	107.0	107.1	106.9	107.1	107.2
-82.5°	73.7	75.1	76.2	77.1	77.7	78.4	78.9	79.3	79.5	79.6	79.5
-85°	47.7	48.3	48.9	49.5	50.0	50.3	50.5	50.5	50.4	50.5	50.4
-87.5°	23.8	23.6	23.2	22.7	22.1	22.3	22.4	22.5	22.5	22.7	22.9
-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: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	15.9	16.2	15.1	14.0	15.1	16.2	15.9	15.5	15.0	14.6	15.5
85°	52.9	53.2	52.3	51.2	52.3	53.2	52.9	52.3	51.7	50.9	51.4
82.5°	100.9	100.8	100.0	98.9	100.0	100.8	100.9	100.8	100.3	99.6	100.2
80°	153.9	152.9	152.3	151.3	152.3	152.9	153.9	154.5	154.5	154.3	155.3
77.5°	215.4	214.2	216.1	217.6	216.1	214.2	215.4	215.9	215.8	215.9	220.4
75°	298.6	296.3	294.1	291.0	294.1	296.3	298.6	299.8	299.8	300.0	304.9
72.5°	395.3	393.5	391.7	388.7	391.7	393.5	395.3	395.7	394.8	395.7	403.4
70°	510.5	505.1	506.0	506.3	506.0	505.1	510.5	513.5	514.1	515.9	522.6
67.5°	655.5	650.6	651.2	650.6	651.2	650.6	655.5	657.5	656.8	658.6	664.1
65°	830.9	825.4	818.7	808.8	818.7	825.4	830.9	832.4	829.9	828.0	827.2
62.5°	1019.3	1014.4	1017.2	1019.5	1017.2	1014.4	1019.3	1019.8	1015.9	1015.3	1012.3
60°	1228.5	1221.7	1218.2	1212.7	1218.2	1221.7	1228.5	1229.3	1223.9	1223.2	1219.5
57.5°	1486.9	1485.6	1482.6	1474.5	1482.6	1485.6	1486.9	1481.0	1468.2	1465.1	1454.3
55°	1773.4	1771.7	1778.3	1786.4	1778.3	1771.7	1773.4	1765.4	1748.5	1739.0	1723.1
52.5°	2083.8	2089.0	2087.1	2076.2	2087.1	2089.0	2083.8	2068.9	2048.8	2033.0	2004.3
50°	2391.1	2397.0	2403.3	2409.1	2403.3	2397.0	2391.1	2373.9	2354.4	2339.4	2313.1
47.5°	2739.4	2754.9	2757.7	2746.6	2757.7	2754.9	2739.4	2710.5	2689.6	2665.8	2616.4
45°	3135.1	3144.5	3149.2	3158.6	3149.2	3144.5	3135.1	3104.2	3088.8	3064.3	3015.6
42.5°	3634.0	3644.8	3646.5	3656.7	3646.5	3644.8	3634.0	3594.3	3580.5	3533.7	3464.6
40°	4226.1	4243.7	4240.7	4236.3	4240.7	4243.7	4226.1	4181.8	4171.4	4125.5	4067.1
37.5°	4919.3	4949.1	4952.2	4970.6	4952.2	4949.1	4919.3	4873.1	4840.3	4752.5	4714.2
35°	5697.2	5732.3	5726.2	5735.2	5726.2	5732.3	5697.2	5648.2	5600.8	5521.8	5425.4
32.5°	6481.9	6534.6	6545.1	6589.5	6545.1	6534.6	6481.9	6411.8	6335.8	6231.6	6103.0
30°	7098.4	7172.2	7220.4	7216.8	7220.4	7172.2	7098.4	7004.7	6943.3	6766.7	6626.7
27.5°	7353.8	7449.4	7538.9	7565.9	7538.9	7449.4	7353.8	7238.8	7202.5	6950.7	6862.4
25°	7104.7	7174.5	7253.5	7295.9	7253.5	7174.5	7104.7	7025.0	6900.6	6738.7	6611.9
22.5°	6592.6	6638.1	6665.0	6643.0	6665.0	6638.1	6592.6	6539.0	6422.3	6296.7	6157.6
20°	6128.1	6185.5	6196.2	6219.4	6196.2	6185.5	6128.1	6059.4	5993.0	5885.1	5764.9
17.5°	5782.3	5819.9	5842.0	5847.0	5842.0	5819.9	5782.3	5717.6	5656.9	5559.8	5454.3
15°	5511.3	5541.4	5561.2	5570.0	5561.2	5541.4	5511.3	5459.1	5393.4	5309.8	5218.6
12.5°	5319.2	5356.0	5374.0	5384.9	5374.0	5356.0	5319.2	5274.9	5207.3	5141.7	5046.0
10°	5196.0	5231.5	5245.8	5251.1	5245.8	5231.5	5196.0	5153.6	5100.3	5026.7	4940.9
7.5°	5107.6	5130.4	5140.0	5147.5	5140.0	5130.4	5107.6	5073.9	5018.1	4942.0	4856.9
5°	5036.2	5054.4	5064.5	5075.4	5064.5	5054.4	5036.2	4996.2	4942.9	4875.1	4787.0
2.5°	4939.1	4965.1	4983.1	4993.9	4983.1	4965.1	4939.1	4903.0	4857.6	4792.9	4701.2
0°	4843.8	4868.2	4881.0	4902.0	4881.0	4868.2	4843.8	4807.7	4762.3	4698.3	4608.7
-2.5°	4738.9	4767.2	4800.8	4833.3	4800.8	4767.2	4738.9	4703.2	4663.3	4599.6	4514.0
-5°	4658.7	4696.1	4703.1	4723.9	4703.1	4696.1	4658.7	4612.9	4558.9	4489.4	4406.9
-7.5°	4537.7	4554.7	4583.7	4588.9	4583.7	4554.7	4537.7	4498.1	4431.6	4355.7	4267.7
-10°	4351.2	4379.0	4397.1	4415.5	4397.1	4379.0	4351.2	4309.4	4253.4	4179.1	4098.4
-12.5°	4132.1	4164.7	4193.8	4189.7	4193.8	4164.7	4132.1	4094.2	4043.8	3977.8	3896.7
-15°	3918.6	3950.1	3970.1	3967.4	3970.1	3950.1	3918.6	3871.5	3826.1	3762.2	3691.8
-17.5°	3706.8	3735.5	3764.5	3763.7	3764.5	3735.5	3706.8	3666.1	3614.8	3556.2	3482.4
-20°	3488.0	3512.6	3543.6	3556.6	3543.6	3512.6	3488.0	3452.9	3392.7	3329.0	3253.3



REPORT NUMBER: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	3235.0	3266.5	3289.1	3302.9	3289.1	3266.5	3235.0	3190.0	3137.0	3061.8	2995.0
-25°	2940.2	2972.5	2989.6	2995.6	2989.6	2972.5	2940.2	2905.9	2854.2	2781.5	2711.9
-27.5°	2614.4	2650.6	2668.2	2659.3	2668.2	2650.6	2614.4	2580.9	2524.0	2475.5	2407.9
-30°	2280.4	2303.6	2306.3	2326.4	2306.3	2303.6	2280.4	2255.1	2207.2	2160.8	2105.0
-32.5°	1950.7	1966.3	1957.5	1958.7	1957.5	1966.3	1950.7	1923.0	1884.2	1844.3	1806.0
-35°	1625.3	1637.7	1640.2	1663.1	1640.2	1637.7	1625.3	1610.9	1587.7	1544.4	1529.0
-37.5°	1363.6	1368.6	1361.0	1350.0	1361.0	1368.6	1363.6	1348.0	1333.0	1304.9	1293.9
-40°	1141.7	1145.5	1142.7	1137.0	1142.7	1145.5	1141.7	1130.6	1130.2	1116.2	1101.2
-42.5°	982.0	982.1	979.5	978.8	979.5	982.1	982.0	974.4	972.5	960.1	940.7
-45°	864.1	865.3	865.1	864.7	865.1	865.3	864.1	858.7	855.0	846.6	830.7
-47.5°	772.6	772.8	771.7	769.3	771.7	772.8	772.6	768.6	763.1	755.4	743.2
-50°	691.6	691.6	693.2	696.0	693.2	691.6	691.6	688.9	684.5	678.9	669.9
-52.5°	623.2	623.0	623.9	625.0	623.9	623.0	623.2	621.2	617.3	612.4	604.8
-55°	560.5	560.2	559.4	557.5	559.4	560.2	560.5	559.1	555.8	550.8	543.4
-57.5°	500.7	500.0	498.5	495.8	498.5	500.0	500.7	499.5	496.3	492.1	487.3
-60°	443.6	443.8	443.1	441.1	443.1	443.8	443.6	442.1	439.5	437.5	434.4
-62.5°	391.6	390.8	390.6	389.9	390.6	390.8	391.6	391.2	389.7	387.6	384.7
-65°	342.9	342.0	342.3	342.2	342.3	342.0	342.9	342.6	341.3	339.5	337.5
-67.5°	297.0	296.7	297.0	296.8	297.0	296.7	297.0	296.4	295.0	293.6	292.4
-70°	254.7	254.8	253.5	251.4	253.5	254.8	254.7	254.0	252.8	251.4	250.1
-72.5°	212.8	212.1	212.2	211.8	212.2	212.1	212.8	213.0	212.5	211.4	210.1
-75°	173.1	172.7	173.8	174.6	173.8	172.7	173.1	173.2	172.9	172.4	172.3
-77.5°	137.8	136.8	137.7	138.5	137.7	136.8	137.8	138.5	138.8	138.7	138.7
-80°	107.0	106.7	106.4	105.9	106.4	106.7	107.0	107.2	107.1	106.9	107.1
-82.5°	79.2	78.8	78.5	78.0	78.5	78.8	79.2	79.5	79.6	79.5	79.3
-85°	50.1	49.8	50.5	51.2	50.5	49.8	50.1	50.4	50.5	50.4	50.5
-87.5°	23.1	23.2	22.7	22.1	22.7	23.2	23.1	22.9	22.7	22.5	22.5
-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: P558746 (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°	16.4	17.2	17.9	18.1	18.1	18.2	18.1	18.0	17.8	17.6	17.3
85°	51.8	52.0	52.0	52.9	53.4	53.6	53.3	52.4	51.2	49.5	47.6
82.5°	100.4	100.2	99.8	100.8	101.3	101.2	100.4	98.4	95.9	92.7	88.9
80°	155.8	155.6	155.3	157.4	158.5	158.4	156.9	153.4	148.7	143.9	139.1
77.5°	223.4	225.0	225.6	227.7	228.2	227.0	223.6	218.2	213.4	207.2	199.1
75°	308.4	310.4	311.7	313.8	313.9	312.1	308.6	302.0	293.3	282.4	268.0
72.5°	408.7	411.2	411.9	411.9	409.8	407.5	402.3	393.6	382.2	368.1	349.0
70°	526.9	528.5	527.8	524.4	520.2	514.6	505.9	493.6	477.8	461.2	437.8
67.5°	666.0	664.2	659.5	652.8	645.8	635.3	621.3	603.5	585.4	564.6	533.0
65°	823.9	818.4	812.1	803.2	789.9	772.1	750.6	728.2	704.4	675.4	635.5
62.5°	1002.1	984.4	978.2	969.6	952.8	928.1	901.7	873.2	837.7	796.2	756.1
60°	1209.5	1194.4	1179.3	1159.3	1134.5	1103.7	1070.3	1031.7	988.0	941.8	888.2
57.5°	1433.5	1413.3	1397.8	1371.1	1332.8	1296.7	1254.8	1201.6	1149.2	1095.6	1031.6
55°	1701.7	1673.9	1641.1	1603.8	1562.8	1516.0	1458.8	1396.7	1332.6	1258.9	1190.6
52.5°	1964.6	1939.9	1902.2	1848.7	1800.6	1751.7	1684.5	1611.6	1539.1	1462.8	1366.9
50°	2275.6	2238.0	2186.4	2124.2	2073.7	2007.1	1932.2	1843.8	1768.4	1681.0	1575.3
47.5°	2588.0	2563.6	2502.8	2430.6	2383.8	2306.4	2214.2	2115.3	2032.0	1913.2	1798.0
45°	2983.4	2938.7	2870.7	2808.5	2735.3	2649.4	2531.7	2437.2	2325.9	2196.1	2029.3
42.5°	3446.5	3382.1	3293.8	3241.5	3153.6	3040.5	2909.6	2790.5	2651.6	2499.9	2308.2
40°	4007.9	3901.6	3812.0	3727.9	3627.7	3478.3	3333.3	3174.8	3008.8	2822.0	2572.6
37.5°	4652.8	4540.1	4407.8	4268.8	4139.5	3969.1	3774.8	3588.2	3388.6	3107.8	2823.4
35°	5324.2	5195.7	5032.3	4863.9	4662.9	4424.1	4223.7	4003.6	3731.1	3366.6	3055.4
32.5°	5987.3	5776.2	5599.2	5417.3	5116.5	4821.6	4605.9	4410.4	3947.6	3571.5	3259.2
30°	6466.6	6199.5	6020.1	5771.1	5393.5	5125.1	4920.0	4514.2	4083.4	3714.4	3418.0
27.5°	6571.5	6373.7	6191.7	5817.9	5492.8	5255.4	4934.9	4521.2	4129.5	3782.2	3495.3
25°	6370.0	6189.4	5968.0	5657.3	5385.8	5141.9	4805.4	4430.7	4079.1	3773.0	3450.9
22.5°	5987.5	5822.5	5620.8	5378.3	5148.2	4899.4	4602.8	4278.0	3975.6	3689.0	3377.3
20°	5622.0	5473.5	5286.6	5094.4	4896.5	4660.6	4379.0	4113.5	3867.4	3589.9	3288.8
17.5°	5334.7	5181.2	5034.5	4867.9	4665.1	4424.0	4221.4	4002.7	3759.5	3483.7	3187.8
15°	5095.3	4979.6	4839.8	4664.2	4478.1	4306.5	4113.9	3890.2	3647.9	3369.1	3093.5
12.5°	4949.0	4825.5	4672.7	4535.2	4380.3	4200.7	4002.2	3774.0	3542.4	3308.9	3061.7
10°	4832.1	4715.1	4589.2	4444.6	4280.9	4094.6	3908.9	3710.6	3494.9	3265.7	3021.1
7.5°	4757.1	4636.4	4502.3	4361.3	4204.3	4036.9	3854.8	3657.4	3439.7	3210.9	2971.1
5°	4684.3	4564.1	4435.3	4299.9	4139.5	3972.2	3792.0	3594.1	3375.4	3144.6	2911.2
2.5°	4601.1	4487.4	4363.0	4227.7	4064.6	3897.8	3720.0	3519.7	3304.3	3082.4	2843.0
0°	4507.4	4402.7	4268.8	4132.7	3979.1	3816.1	3638.1	3433.2	3222.6	3013.1	2764.0
-2.5°	4418.4	4306.9	4183.3	4048.2	3901.0	3732.3	3555.4	3357.2	3142.1	2930.4	2686.8
-5°	4309.7	4201.3	4077.2	3936.1	3787.7	3621.3	3445.4	3254.0	3042.4	2833.0	2600.3
-7.5°	4169.7	4065.6	3948.4	3807.9	3656.4	3490.2	3312.3	3121.1	2915.0	2707.8	2481.6
-10°	4001.6	3890.9	3771.7	3640.8	3498.9	3341.8	3165.9	2975.0	2776.7	2570.4	2352.9
-12.5°	3804.5	3699.2	3579.8	3451.8	3312.0	3158.3	2995.5	2813.3	2627.9	2420.7	2214.3
-15°	3594.6	3502.0	3384.5	3250.4	3107.5	2962.0	2807.4	2633.7	2462.4	2259.7	2066.0
-17.5°	3393.6	3291.6	3175.7	3052.0	2908.7	2755.6	2606.1	2446.9	2281.3	2096.6	1919.4
-20°	3168.0	3064.7	2957.3	2838.3	2701.8	2554.5	2402.2	2250.2	2094.7	1933.8	1772.8



REPORT NUMBER: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	2913.3	2823.0	2721.4	2608.9	2475.3	2337.0	2197.4	2053.9	1906.7	1768.2	1623.8
-25°	2640.4	2558.5	2458.6	2352.2	2234.2	2109.3	1986.9	1859.5	1732.8	1603.0	1474.8
-27.5°	2345.3	2269.2	2182.7	2089.5	1985.2	1883.7	1775.5	1665.6	1563.3	1448.8	1337.0
-30°	2042.8	1983.7	1909.4	1821.8	1749.2	1664.6	1566.4	1488.2	1399.6	1301.5	1210.4
-32.5°	1751.8	1704.1	1643.1	1584.8	1524.0	1456.4	1389.3	1316.8	1239.4	1169.6	1095.1
-35°	1489.2	1449.5	1416.3	1372.6	1315.8	1270.9	1219.2	1159.6	1100.5	1044.4	984.6
-37.5°	1273.1	1237.7	1212.9	1180.4	1140.9	1099.0	1065.1	1024.2	975.7	930.9	882.4
-40°	1087.7	1058.2	1040.2	1020.7	993.7	954.6	933.2	902.7	869.3	826.2	787.2
-42.5°	939.2	925.3	904.7	892.4	871.2	844.7	817.1	799.6	772.9	739.3	707.4
-45°	825.7	816.8	799.1	786.8	771.3	750.3	722.3	709.1	688.9	665.6	635.4
-47.5°	734.9	728.4	715.3	699.1	687.1	668.9	649.3	630.8	619.0	599.0	574.2
-50°	659.6	653.4	641.7	625.6	614.6	600.8	585.3	566.8	555.6	538.6	518.1
-52.5°	594.7	586.7	576.4	563.1	552.4	542.8	528.9	512.0	497.3	485.6	470.5
-55°	533.5	526.6	519.7	510.2	498.5	489.2	476.2	461.5	449.4	439.2	426.3
-57.5°	481.8	475.7	468.2	459.1	448.5	439.4	429.6	418.2	405.7	396.2	384.2
-60°	429.4	422.9	417.5	410.6	402.3	393.9	385.9	376.2	364.7	355.4	344.9
-62.5°	380.6	375.3	370.8	365.3	358.6	351.2	344.0	335.9	326.4	316.7	307.9
-65°	334.6	330.9	326.9	322.2	316.7	310.4	304.2	297.4	289.7	281.1	272.8
-67.5°	290.2	287.0	283.6	280.1	276.2	271.8	266.9	261.1	254.6	247.6	240.7
-70°	247.9	244.8	242.1	240.1	237.8	234.8	231.0	226.4	221.1	215.6	209.5
-72.5°	208.3	206.2	204.5	203.3	201.4	199.0	196.2	193.0	189.2	184.9	179.2
-75°	171.8	170.7	169.5	168.6	167.1	165.0	162.7	160.3	157.3	153.6	148.9
-77.5°	138.2	137.4	136.4	135.6	134.2	132.2	129.9	128.1	126.1	123.3	119.7
-80°	107.0	106.6	105.9	105.2	104.2	103.0	101.4	99.6	97.3	94.6	91.9
-82.5°	78.9	78.4	77.7	77.1	76.2	75.1	73.7	72.3	70.8	69.0	67.1
-85°	50.5	50.3	50.0	49.5	48.9	48.3	47.7	47.1	46.4	45.5	44.4
-87.5°	22.4	22.3	22.1	22.7	23.2	23.6	23.8	23.5	23.2	22.7	22.2
-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: P558746 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	16.9	16.5	16.0	15.4	15.0	14.6	14.0	13.3	12.1	10.9	9.7
85°	45.1	42.4	39.3	35.9	32.6	29.1	27.9	26.5	24.2	21.9	19.4
82.5°	84.2	80.1	75.9	71.1	65.9	60.4	54.6	48.3	40.7	33.4	29.1
80°	133.0	126.1	118.6	110.4	101.4	91.7	83.7	75.0	64.2	53.9	43.9
77.5°	188.5	176.9	164.4	153.7	142.6	130.6	117.7	103.2	87.5	74.1	61.2
75°	250.3	235.7	220.7	204.4	187.1	169.5	154.2	136.4	115.2	94.6	78.2
72.5°	327.2	304.6	281.4	257.5	236.7	215.3	193.3	169.2	144.3	120.0	96.3
70°	409.5	378.4	349.2	320.4	290.5	261.0	235.4	205.6	172.9	144.9	117.8
67.5°	497.1	463.2	426.0	385.3	349.3	314.3	278.4	242.3	205.7	169.4	138.8
65°	596.7	553.7	507.4	462.6	414.9	368.1	328.0	280.4	237.9	197.8	159.3
62.5°	706.1	650.0	599.6	543.4	487.5	432.4	375.9	322.3	270.4	225.5	182.2
60°	830.1	768.6	697.8	634.8	567.5	499.9	432.8	362.8	306.2	252.5	205.6
57.5°	966.5	894.2	818.4	735.2	656.2	576.2	489.6	409.2	340.8	281.8	228.1
55°	1109.0	1027.8	942.3	850.7	753.1	660.8	549.3	456.6	375.7	310.8	249.1
52.5°	1268.7	1171.6	1072.9	969.6	862.2	742.9	615.6	501.3	414.8	338.5	271.3
50°	1452.6	1331.2	1214.1	1095.4	972.7	829.3	677.5	554.8	451.5	366.5	292.4
47.5°	1662.5	1515.1	1369.9	1227.5	1091.8	909.5	745.8	605.8	485.7	396.3	312.1
45°	1879.8	1717.4	1541.5	1376.8	1188.6	990.8	812.2	652.8	527.1	422.2	330.3
42.5°	2097.9	1922.2	1733.4	1527.4	1287.9	1067.7	872.8	705.6	565.3	446.1	349.3
40°	2340.1	2126.3	1924.8	1667.3	1378.2	1137.7	935.3	755.1	599.6	470.1	368.4
37.5°	2571.2	2334.8	2113.2	1774.1	1460.8	1209.4	992.3	799.3	630.9	496.1	385.7
35°	2786.8	2536.7	2208.2	1861.0	1542.7	1270.0	1042.8	841.1	664.2	519.0	401.2
32.5°	2983.5	2666.2	2280.9	1928.8	1607.7	1319.5	1088.6	878.3	692.7	538.8	415.0
30°	3117.6	2714.6	2330.9	1977.7	1656.2	1367.4	1125.9	909.1	716.4	555.4	427.7
27.5°	3124.7	2737.1	2357.7	2008.3	1689.5	1402.6	1154.2	933.7	735.4	570.9	441.0
25°	3100.2	2727.2	2361.6	2019.7	1707.2	1431.4	1176.0	952.1	752.8	586.0	451.8
22.5°	3042.9	2692.1	2343.7	2012.0	1726.6	1451.3	1194.0	967.8	766.8	597.3	460.2
20°	2970.6	2635.1	2313.8	2019.5	1736.3	1464.0	1207.5	978.0	775.9	605.1	466.3
17.5°	2881.9	2589.8	2308.8	2018.1	1736.3	1467.7	1213.6	982.7	780.3	609.3	470.1
15°	2841.1	2572.0	2293.7	2007.3	1726.8	1462.8	1212.5	982.0	780.0	610.1	472.8
12.5°	2808.4	2544.1	2269.1	1987.2	1708.0	1449.6	1204.4	976.2	775.3	610.1	474.7
10°	2766.9	2506.0	2235.1	1957.9	1680.4	1428.4	1189.8	967.3	773.0	609.1	474.8
7.5°	2716.4	2457.9	2191.7	1919.5	1647.2	1404.8	1174.8	957.4	768.1	605.5	473.2
5°	2657.8	2404.8	2145.1	1882.7	1621.9	1379.7	1155.0	942.8	759.9	599.5	469.9
2.5°	2594.4	2349.9	2093.0	1838.1	1590.0	1348.5	1129.9	923.7	748.6	591.1	464.9
0°	2520.8	2285.7	2032.0	1785.3	1551.4	1311.6	1099.8	900.8	734.4	580.7	458.5
-2.5°	2456.2	2215.2	1966.3	1727.9	1495.2	1267.4	1067.0	877.7	718.6	570.4	451.8
-5°	2381.1	2135.5	1893.0	1663.2	1433.0	1218.6	1030.3	851.6	700.2	558.4	443.7
-7.5°	2270.7	2038.2	1809.4	1590.5	1365.8	1165.9	990.2	822.9	679.6	544.6	434.4
-10°	2146.4	1927.9	1714.7	1508.3	1300.5	1113.9	947.8	792.0	657.0	529.4	424.0
-12.5°	2014.9	1811.8	1614.8	1422.2	1233.3	1062.7	907.2	761.6	632.8	512.7	412.6
-15°	1877.3	1690.7	1510.4	1333.1	1163.7	1008.8	864.7	730.6	609.1	495.7	400.2
-17.5°	1737.2	1565.7	1402.5	1242.0	1092.8	952.8	820.7	698.0	584.1	478.6	387.8
-20°	1609.3	1448.9	1292.4	1149.8	1021.3	895.2	775.6	664.1	557.9	460.7	375.3



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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°	1481.9	1341.1	1199.8	1064.2	951.1	836.4	730.0	629.1	530.9	441.9	361.9
-25°	1355.0	1234.0	1109.4	993.0	883.1	781.7	685.9	593.3	503.1	422.5	347.6
-27.5°	1235.4	1129.5	1018.6	921.6	823.6	727.9	643.4	559.3	476.3	402.5	332.7
-30°	1121.2	1029.7	937.1	851.8	764.8	681.1	600.7	525.5	451.7	383.2	317.0
-32.5°	1015.8	931.3	859.4	787.0	710.8	634.6	561.2	491.8	427.1	364.0	302.3
-35°	917.9	847.1	784.0	724.4	658.6	592.3	525.1	458.4	402.5	344.2	287.9
-37.5°	824.6	772.5	718.5	665.5	606.7	550.9	491.0	430.8	378.0	323.9	273.1
-40°	747.9	703.5	658.3	609.7	560.7	510.4	456.9	404.7	354.1	303.1	258.1
-42.5°	674.8	640.3	601.4	555.6	517.9	472.9	423.2	378.1	331.0	284.4	242.9
-45°	609.8	580.5	547.4	513.0	476.9	435.9	393.5	351.3	307.9	266.9	228.2
-47.5°	548.6	526.8	499.8	471.1	437.8	400.2	363.6	325.7	284.8	249.3	214.2
-50°	496.9	478.1	456.5	430.4	399.4	367.6	334.1	300.3	265.3	231.9	199.8
-52.5°	452.1	434.2	414.8	390.8	364.4	334.9	306.9	275.3	245.6	215.1	185.2
-55°	410.0	392.4	374.7	354.2	330.5	305.9	280.1	253.1	225.4	198.4	170.5
-57.5°	370.2	353.2	337.9	319.5	299.6	278.2	254.9	230.7	206.2	181.4	157.5
-60°	332.1	318.2	303.1	288.0	270.6	251.1	230.3	208.6	187.1	164.7	144.3
-62.5°	297.0	284.5	272.0	258.2	242.3	224.7	205.9	187.5	167.7	149.6	130.9
-65°	264.0	253.6	241.7	228.8	214.3	198.9	183.0	166.2	150.3	134.3	117.5
-67.5°	232.5	222.9	211.4	199.4	187.9	175.0	160.2	146.7	133.2	118.8	104.2
-70°	201.8	192.5	182.9	173.7	163.4	151.6	139.8	128.0	116.0	104.0	90.8
-72.5°	172.2	164.9	157.2	148.9	139.9	130.2	119.7	109.5	99.9	89.2	77.4
-75°	143.4	137.8	131.8	125.0	117.2	108.8	100.7	92.4	83.9	74.4	65.5
-77.5°	115.7	111.3	106.6	101.7	95.7	89.2	82.4	75.3	68.3	61.4	54.0
-80°	89.5	86.8	83.6	79.8	74.9	69.7	64.7	59.7	54.3	48.6	42.6
-82.5°	65.3	63.4	61.2	58.6	55.2	51.7	48.2	44.5	40.3	35.8	31.4
-85°	43.1	41.6	39.9	37.9	35.9	33.7	31.7	29.5	26.7	23.8	21.0
-87.5°	21.4	20.6	19.7	18.7	17.8	16.9	15.8	14.7	13.4	11.9	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.4	7.1	5.8	4.4	2.9	1.4	0.0
85°	16.9	14.2	11.5	8.7	5.9	2.9	0.0
82.5°	25.3	21.3	17.3	13.1	8.8	4.3	0.0
80°	34.4	28.4	23.0	17.4	11.7	5.8	0.0
77.5°	48.8	37.0	28.6	21.7	14.6	7.2	0.0
75°	63.0	48.5	34.8	26.0	17.5	8.6	0.0
72.5°	77.0	59.8	43.6	30.2	20.3	10.0	0.0
70°	91.3	70.9	52.2	34.7	23.0	11.3	0.0
67.5°	108.8	81.8	60.7	40.9	25.8	12.7	0.0
65°	125.7	93.9	68.9	46.9	28.4	14.0	0.0
62.5°	142.2	107.1	77.0	52.8	31.1	15.3	0.0
60°	158.0	119.8	84.8	58.5	33.6	16.6	0.0
57.5°	175.8	132.1	94.2	64.0	37.2	17.8	0.0
55°	193.2	143.8	103.3	69.4	40.7	19.0	0.0
52.5°	209.6	155.3	112.0	74.5	44.1	20.1	0.0
50°	225.1	167.8	120.2	79.4	47.3	21.2	0.0
47.5°	239.8	179.7	128.1	84.4	50.5	22.3	0.0
45°	255.2	190.7	135.5	89.9	53.5	23.3	0.0
42.5°	269.4	200.9	142.4	95.1	56.4	24.3	0.0
40°	282.3	210.3	149.4	100.0	59.1	25.3	0.0
37.5°	294.0	218.8	156.4	104.7	61.7	26.2	0.0
35°	304.4	227.4	162.8	109.1	64.1	27.0	0.0
32.5°	314.4	235.4	168.5	113.2	66.4	27.8	0.0
30°	325.1	242.4	173.7	116.9	68.5	28.5	0.0
27.5°	334.4	248.4	178.5	120.4	70.4	29.2	0.0
25°	342.2	253.5	182.9	123.5	72.2	29.8	0.0
22.5°	348.6	258.0	186.6	126.3	73.8	30.3	0.0
20°	353.6	262.4	189.7	128.7	75.3	30.8	0.0
17.5°	358.0	266.0	192.2	130.8	76.5	31.3	0.0
15°	361.6	268.9	194.1	132.6	77.6	31.6	0.0
12.5°	363.9	271.0	195.5	134.0	78.5	32.0	0.0
10°	364.7	272.3	196.3	135.1	79.2	32.2	0.0
7.5°	364.3	272.8	196.6	135.9	79.8	32.4	0.0
5°	362.7	272.6	196.3	136.3	80.1	32.5	0.0
2.5°	360.0	271.7	195.6	136.4	80.3	32.6	0.0
0°	356.1	270.0	194.4	136.2	80.3	32.6	0.0
-2.5°	352.0	267.4	193.5	135.6	80.1	32.6	0.0
-5°	347.0	264.2	192.1	134.6	79.7	32.6	0.0
-7.5°	341.0	260.3	190.2	133.4	79.2	32.5	0.0
-10°	334.2	255.8	188.0	131.9	78.5	32.4	0.0
-12.5°	326.5	250.8	185.3	130.0	77.6	32.2	0.0
-15°	318.1	245.2	182.2	127.9	76.5	31.9	0.0
-17.5°	308.9	239.2	178.7	125.5	75.3	31.6	0.0
-20°	299.3	232.8	174.8	122.9	74.0	31.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	289.8	226.0	170.5	120.0	72.5	30.7	0.0
-25°	279.7	219.1	165.8	116.8	70.8	30.2	0.0
-27.5°	269.0	212.0	160.7	113.4	69.0	29.6	0.0
-30°	257.9	204.5	155.4	109.8	67.1	29.0	0.0
-32.5°	246.3	196.5	149.8	105.9	65.1	28.3	0.0
-35°	235.6	188.1	143.9	101.9	62.9	27.5	0.0
-37.5°	224.9	179.7	137.8	97.7	60.6	26.7	0.0
-40°	213.8	171.6	131.4	93.2	58.2	25.8	0.0
-42.5°	202.4	163.2	125.0	88.7	55.7	24.9	0.0
-45°	190.6	154.5	118.7	83.9	53.1	23.9	0.0
-47.5°	178.6	145.6	112.1	79.0	50.4	22.9	0.0
-50°	167.5	136.5	105.4	74.6	47.6	21.8	0.0
-52.5°	156.4	127.2	98.4	70.3	44.7	20.7	0.0
-55°	145.2	118.2	91.2	65.8	41.7	19.5	0.0
-57.5°	133.8	109.1	83.9	61.3	38.7	18.3	0.0
-60°	122.3	99.8	76.4	56.6	35.6	17.1	0.0
-62.5°	111.1	90.3	70.1	51.8	32.9	15.8	0.0
-65°	99.6	80.6	63.6	46.9	30.2	14.4	0.0
-67.5°	88.0	71.7	57.0	41.9	27.4	13.1	0.0
-70°	76.3	63.5	50.4	36.8	24.5	11.7	0.0
-72.5°	66.2	55.1	43.6	32.2	21.6	10.3	0.0
-75°	56.3	46.7	36.8	27.7	18.6	8.9	0.0
-77.5°	46.2	38.2	30.6	23.2	15.6	7.4	0.0
-80°	36.1	30.3	24.5	18.6	12.5	6.0	0.0
-82.5°	27.0	22.8	18.4	14.0	9.4	4.5	0.0
-85°	18.0	15.2	12.3	9.3	6.3	3.0	0.0
-87.5°	9.0	7.6	6.2	4.7	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)