

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: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558874 (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-SA3E-940-U-WAF-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

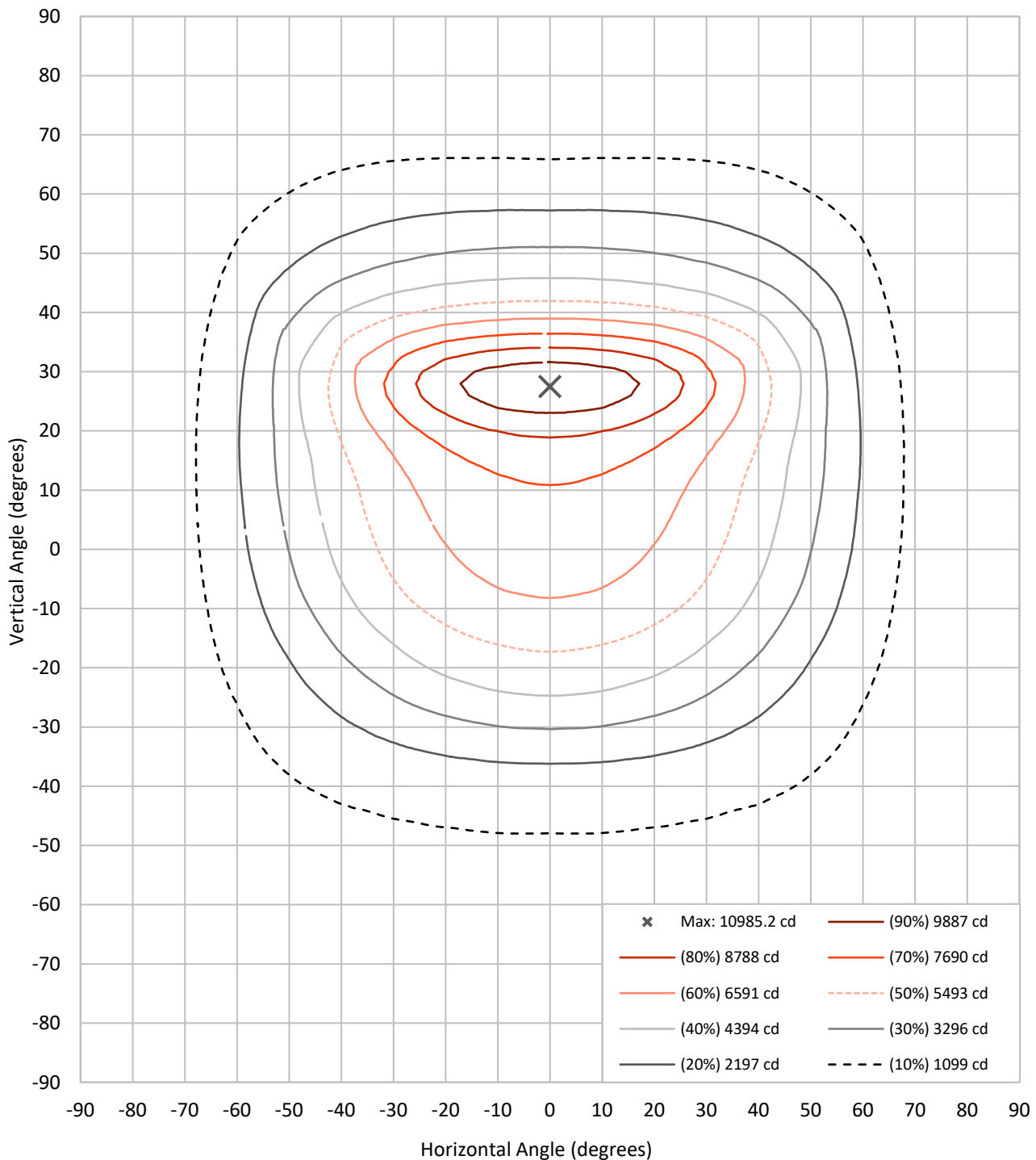
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	16014.5 lumens	Max Intensity:	10985.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	88.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	8305.9 lumens	Field Lumens:	14814.8 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 182
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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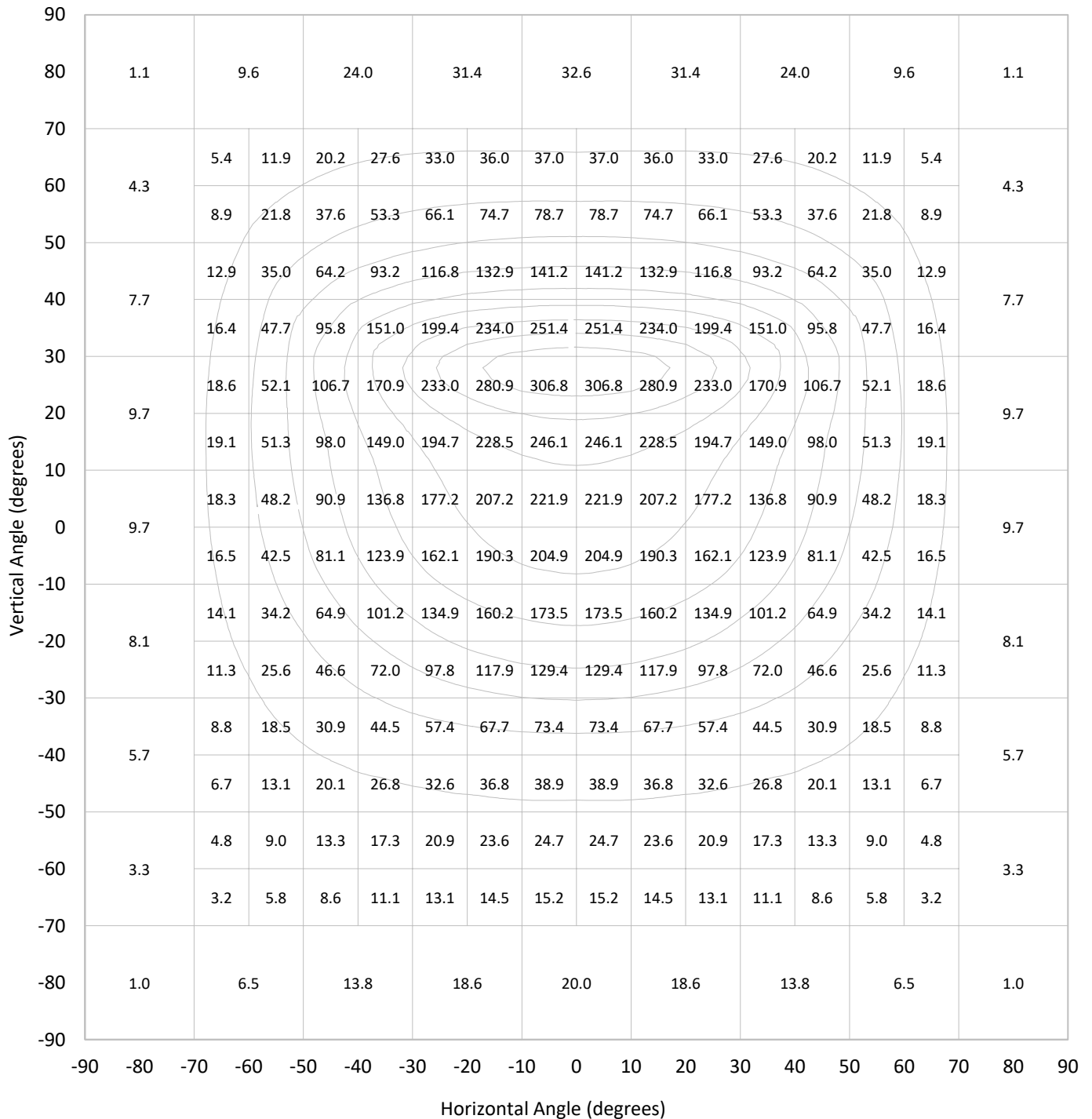
Iso-Candela Plot





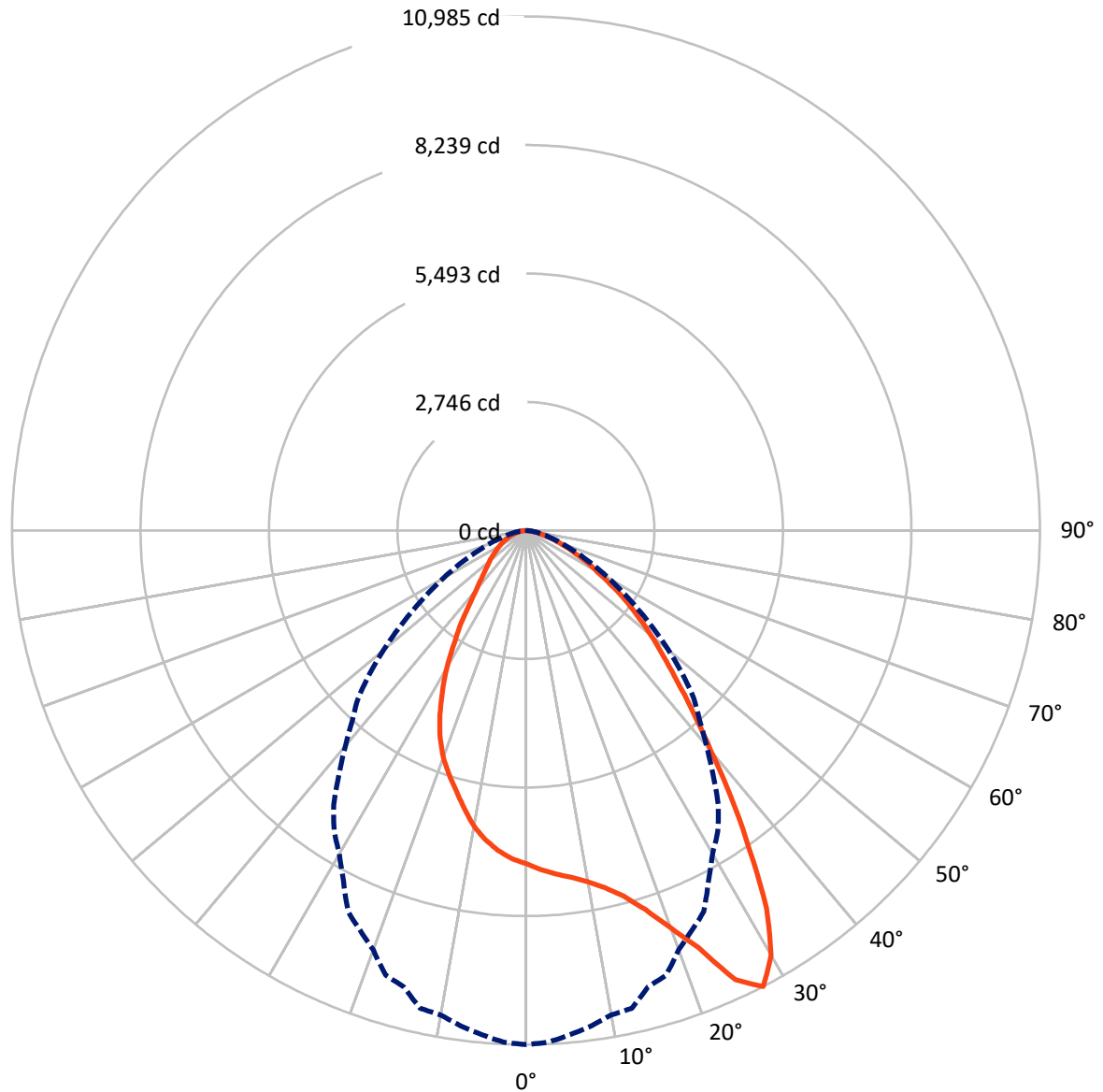
REPORT NUMBER: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
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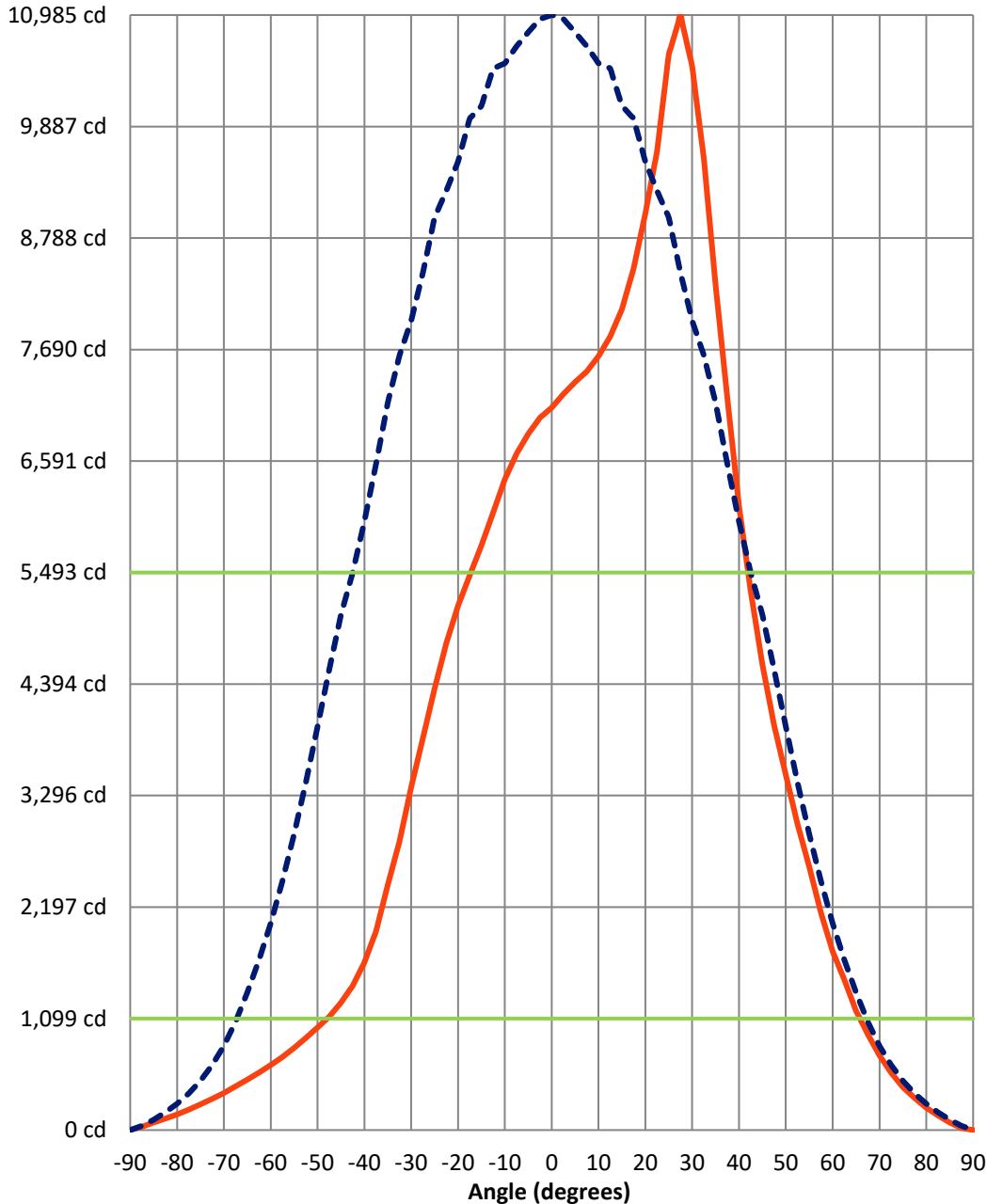
Luminous Intensity Polar Plot



— 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: 8305.9
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 14814.8
 Efficiency: 92.5%

Spill:
 Lumens: 1199.7
 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	2.1	4.3	6.3	8.4	10.3	12.2	14.1	15.9	17.6	19.3
85°	0.0	4.2	8.5	12.7	16.7	20.6	24.5	28.2	31.7	35.2	38.5
82.5°	0.0	6.3	12.8	19.0	25.0	30.9	36.6	42.2	48.5	59.2	70.2
80°	0.0	8.4	17.0	25.2	33.3	41.1	49.8	63.7	78.2	93.3	109.0
77.5°	0.0	10.4	21.2	31.5	41.5	53.7	70.8	88.8	107.6	127.1	149.8
75°	0.0	12.5	25.3	37.6	50.5	70.4	91.5	113.6	137.4	167.4	198.1
72.5°	0.0	14.5	29.4	43.8	63.3	86.8	111.8	139.8	174.2	209.5	245.6
70°	0.0	16.4	33.4	50.4	75.8	103.0	132.6	171.0	210.4	251.0	298.4
67.5°	0.0	18.4	37.4	59.3	88.1	118.8	157.9	201.5	246.0	298.7	351.8
65°	0.0	20.3	41.2	68.1	100.1	136.4	182.6	231.4	287.2	345.4	407.1
62.5°	0.0	22.2	45.0	76.6	111.8	155.5	206.4	264.6	327.5	392.6	467.9
60°	0.0	24.0	48.7	84.9	123.1	174.0	229.4	298.6	366.6	444.6	526.8
57.5°	0.0	25.8	53.9	92.9	136.8	191.8	255.4	331.3	409.2	494.8	594.1
55°	0.0	27.5	59.0	100.7	150.0	208.8	280.6	361.7	451.2	545.5	663.0
52.5°	0.0	29.2	63.9	108.2	162.6	225.4	304.4	393.9	491.5	602.3	727.9
50°	0.0	30.8	68.7	115.4	174.6	243.7	326.8	424.6	532.1	655.6	805.5
47.5°	0.0	32.4	73.3	122.6	186.0	260.9	348.2	453.2	575.4	705.3	879.6
45°	0.0	33.9	77.6	130.6	196.7	276.9	370.6	479.6	613.0	765.3	947.8
42.5°	0.0	35.3	81.8	138.1	206.7	291.7	391.2	507.2	647.7	820.7	1024.4
40°	0.0	36.6	85.8	145.3	216.9	305.4	410.0	534.9	682.6	870.5	1096.3
37.5°	0.0	37.9	89.6	152.1	227.1	317.8	426.9	560.0	720.3	916.0	1160.6
35°	0.0	39.1	93.1	158.5	236.3	330.1	442.0	582.6	753.6	964.4	1221.2
32.5°	0.0	40.3	96.4	164.4	244.7	341.7	456.5	602.5	782.3	1005.8	1275.2
30°	0.0	41.3	99.5	169.8	252.2	351.9	472.1	621.1	806.5	1040.2	1320.0
27.5°	0.0	42.3	102.3	174.8	259.2	360.7	485.6	640.3	829.0	1067.7	1355.6
25°	0.0	43.2	104.9	179.3	265.5	368.1	496.9	656.0	850.8	1093.0	1382.4
22.5°	0.0	44.0	107.2	183.3	270.9	374.6	506.2	668.3	867.3	1113.4	1405.2
20°	0.0	44.7	109.3	186.9	275.4	381.0	513.4	677.1	878.5	1126.6	1420.0
17.5°	0.0	45.4	111.1	189.9	279.0	386.3	519.9	682.6	884.6	1132.9	1426.8
15°	0.0	45.9	112.7	192.5	281.8	390.4	525.1	686.5	885.8	1132.5	1425.9
12.5°	0.0	46.4	114.0	194.6	283.8	393.4	528.4	689.3	885.8	1125.7	1417.4
10°	0.0	46.7	115.1	196.1	285.0	395.4	529.6	689.5	884.4	1122.3	1404.5
7.5°	0.0	47.0	115.9	197.3	285.4	396.2	529.1	687.1	879.2	1115.2	1390.2
5°	0.0	47.2	116.4	197.9	285.0	395.9	526.7	682.3	870.4	1103.3	1368.8
2.5°	0.0	47.3	116.6	198.0	283.9	394.5	522.7	675.1	858.3	1086.9	1341.2
0°	0.0	47.3	116.6	197.7	282.2	392.0	517.1	665.8	843.2	1066.2	1307.9
-2.5°	0.0	47.4	116.3	196.8	280.8	388.3	511.2	656.0	828.3	1043.3	1274.4
-5°	0.0	47.3	115.8	195.5	278.8	383.6	503.8	644.3	810.7	1016.7	1236.5
-7.5°	0.0	47.2	115.0	193.7	276.2	378.0	495.2	630.8	790.8	986.8	1194.9
-10°	0.0	47.0	113.9	191.4	272.9	371.4	485.2	615.7	768.6	953.9	1150.0
-12.5°	0.0	46.7	112.7	188.8	269.0	364.1	474.1	599.0	744.5	918.9	1105.8
-15°	0.0	46.3	111.1	185.7	264.5	356.1	461.8	581.1	719.7	884.4	1060.8
-17.5°	0.0	45.8	109.4	182.2	259.4	347.3	448.4	563.1	695.0	848.1	1013.5
-20°	0.0	45.3	107.4	178.4	253.8	338.0	434.6	544.9	668.9	810.1	964.2



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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	44.6	105.2	174.1	247.5	328.1	420.7	525.4	641.6	770.8	913.5
-25°	0.0	43.8	102.8	169.6	240.7	318.2	406.0	504.7	613.4	730.5	861.5
-27.5°	0.0	43.0	100.2	164.6	233.4	307.9	390.6	483.0	584.5	691.5	812.1
-30°	0.0	42.1	97.4	159.4	225.6	296.9	374.4	460.2	556.4	655.9	762.9
-32.5°	0.0	41.0	94.5	153.8	217.5	285.3	357.7	439.0	528.5	620.2	714.0
-35°	0.0	39.9	91.3	147.9	209.0	273.2	342.0	418.0	499.8	584.4	665.5
-37.5°	0.0	38.8	88.0	141.8	200.1	260.9	326.5	396.6	470.3	548.8	625.5
-40°	0.0	37.5	84.5	135.4	190.8	249.1	310.5	374.8	440.1	514.1	587.6
-42.5°	0.0	36.1	80.9	128.7	181.5	236.9	293.9	352.8	413.0	480.6	548.9
-45°	0.0	34.7	77.1	121.8	172.3	224.4	276.8	331.4	387.5	447.1	510.1
-47.5°	0.0	33.2	73.1	114.7	162.8	211.5	259.3	311.0	362.0	413.5	472.9
-50°	0.0	31.7	69.1	108.3	153.0	198.2	243.2	290.1	336.8	385.3	436.0
-52.5°	0.0	30.0	64.9	102.0	142.8	184.7	227.1	268.9	312.4	356.6	399.7
-55°	0.0	28.3	60.6	95.5	132.4	171.6	210.8	247.6	288.1	327.3	367.6
-57.5°	0.0	26.6	56.2	88.9	121.7	158.4	194.3	228.7	263.4	299.4	335.0
-60°	0.0	24.7	51.7	82.1	110.9	144.8	177.6	209.5	239.1	271.6	302.9
-62.5°	0.0	22.9	47.8	75.1	101.7	131.1	161.2	190.1	217.1	243.5	272.2
-65°	0.0	21.0	43.8	68.0	92.3	117.0	144.6	170.5	194.9	218.2	241.3
-67.5°	0.0	19.0	39.8	60.8	82.8	104.0	127.8	151.2	172.5	193.4	213.0
-70°	0.0	17.0	35.6	53.5	73.1	92.1	110.7	131.8	151.1	168.4	185.8
-72.5°	0.0	15.0	31.3	46.8	63.3	80.0	96.1	112.3	129.5	145.1	159.0
-75°	0.0	12.9	27.0	40.3	53.4	67.8	81.7	95.0	108.0	121.8	134.1
-77.5°	0.0	10.8	22.6	33.7	44.4	55.5	67.1	78.5	89.2	99.2	109.3
-80°	0.0	8.6	18.1	27.0	35.6	44.1	52.5	61.8	70.6	78.9	86.6
-82.5°	0.0	6.5	13.7	20.3	26.8	33.1	39.3	45.6	52.0	58.5	64.6
-85°	0.0	4.3	9.1	13.6	17.9	22.1	26.2	30.5	34.6	38.8	42.8
-87.5°	0.0	2.2	4.6	6.8	8.9	11.1	13.1	15.2	17.3	19.4	21.4
-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: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	20.3	21.1	21.8	22.3	23.2	23.9	24.6	25.1	25.5	25.9	26.1
85°	40.6	42.3	47.3	52.1	57.0	61.5	65.6	69.1	72.0	74.3	76.1
82.5°	79.3	87.8	95.8	103.3	110.2	116.4	122.3	129.1	134.6	139.2	142.9
80°	121.6	133.2	147.2	160.4	172.3	183.2	193.1	202.0	209.0	215.9	222.7
77.5°	170.9	189.7	207.1	223.2	238.7	256.9	273.7	289.1	300.9	309.8	316.7
75°	223.9	246.2	271.6	296.8	320.4	342.2	363.3	389.1	410.1	425.8	438.4
72.5°	280.6	312.5	343.6	373.7	408.5	442.2	475.0	506.7	534.5	554.9	571.4
70°	341.7	378.8	421.7	465.2	506.9	549.4	594.5	635.7	669.7	693.7	716.7
67.5°	404.2	456.3	507.1	559.4	618.6	672.5	721.8	773.8	819.7	849.9	876.3
65°	476.2	534.5	602.4	671.7	736.6	804.0	866.3	922.8	980.7	1022.7	1057.3
62.5°	545.8	627.8	707.8	788.9	870.6	943.8	1025.2	1097.8	1156.0	1216.2	1267.8
60°	628.4	725.8	824.0	921.7	1013.1	1116.0	1205.2	1289.6	1367.4	1434.5	1498.0
57.5°	710.9	836.6	952.7	1067.4	1188.3	1298.3	1403.2	1497.7	1590.8	1668.5	1744.6
55°	797.6	959.4	1093.4	1235.1	1368.1	1492.3	1610.2	1728.7	1827.8	1934.8	2027.9
52.5°	893.8	1078.7	1251.8	1407.9	1557.8	1701.1	1842.1	1984.7	2123.9	2234.8	2340.0
50°	983.7	1204.1	1412.4	1590.5	1762.7	1932.9	2109.2	2287.3	2440.7	2567.6	2677.2
47.5°	1082.8	1320.7	1585.3	1782.2	1989.0	2199.9	2413.9	2610.6	2777.8	2950.4	3071.3
45°	1179.3	1438.6	1725.7	1999.0	2238.2	2493.6	2729.3	2946.3	3188.6	3377.1	3538.7
42.5°	1267.3	1550.3	1869.9	2217.7	2516.8	2790.9	3046.0	3351.4	3629.6	3850.0	4051.7
40°	1358.0	1651.9	2001.0	2420.8	2794.7	3087.2	3397.7	3735.2	4097.4	4368.5	4609.6
37.5°	1440.8	1755.9	2120.9	2575.9	3068.2	3389.8	3733.2	4099.3	4512.3	4920.1	5209.9
35°	1514.1	1844.0	2239.9	2702.0	3206.0	3683.2	4046.3	4436.2	4888.1	5417.3	5813.1
32.5°	1580.6	1915.8	2334.3	2800.4	3311.7	3871.2	4331.8	4732.2	5185.5	5731.7	6403.6
30°	1634.8	1985.5	2404.7	2871.5	3384.3	3941.4	4526.5	4962.7	5393.0	5928.9	6554.3
27.5°	1675.9	2036.5	2453.1	2915.9	3423.1	3974.1	4536.8	5074.9	5491.5	5995.8	6564.5
25°	1707.5	2078.4	2478.8	2932.4	3428.8	3959.8	4501.3	5010.5	5478.1	5922.7	6433.1
22.5°	1733.6	2107.2	2506.9	2921.2	3403.0	3908.8	4418.1	4903.6	5356.2	5772.4	6211.4
20°	1753.2	2125.6	2521.1	2932.1	3359.6	3825.9	4313.0	4775.1	5212.3	5615.3	5972.6
17.5°	1762.1	2131.1	2521.1	2930.1	3352.3	3760.2	4184.3	4628.4	5058.2	5458.6	5811.7
15°	1760.5	2124.0	2507.2	2914.5	3330.3	3734.4	4125.1	4491.5	4891.8	5296.5	5648.3
12.5°	1748.8	2104.8	2479.9	2885.3	3294.6	3693.9	4077.5	4445.4	4804.3	5143.3	5479.6
10°	1727.5	2074.1	2439.8	2842.7	3245.2	3638.6	4017.4	4386.5	4741.6	5074.4	5387.6
7.5°	1705.8	2039.7	2391.6	2787.0	3182.2	3568.7	3944.0	4313.8	4662.0	4994.2	5310.4
5°	1677.0	2003.3	2354.8	2733.6	3114.5	3491.6	3858.9	4226.8	4565.8	4901.0	5218.5
2.5°	1640.5	1958.0	2308.5	2668.9	3038.8	3411.9	3766.8	4127.9	4475.5	4797.6	5110.4
0°	1596.8	1904.4	2252.5	2592.1	2950.3	3318.7	3660.0	4013.2	4374.8	4679.0	4984.8
-2.5°	1549.2	1840.2	2170.9	2508.8	2855.0	3216.3	3566.2	3901.1	4254.7	4562.1	4874.5
-5°	1495.9	1769.3	2080.7	2414.8	2748.5	3100.7	3457.2	3775.5	4113.4	4417.4	4724.6
-7.5°	1437.7	1692.8	1983.1	2309.2	2627.2	2959.3	3296.9	3603.2	3931.6	4232.3	4531.6
-10°	1376.1	1617.3	1888.3	2190.0	2489.6	2799.2	3116.4	3416.3	3732.0	4031.5	4319.5
-12.5°	1317.2	1542.9	1790.6	2064.9	2344.6	2630.6	2925.5	3215.1	3514.6	3815.5	4084.7
-15°	1255.4	1464.7	1689.7	1935.5	2193.1	2454.8	2725.7	2999.7	3280.8	3575.2	3823.9
-17.5°	1191.5	1383.4	1586.7	1803.3	2036.3	2273.3	2522.3	2786.7	3044.0	3312.2	3552.7
-20°	1126.1	1299.8	1482.8	1669.5	1876.4	2103.7	2336.7	2574.0	2807.8	3041.3	3267.2



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 CATALOG NUMBER: GFLD-SA3E-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°	1059.9	1214.3	1380.9	1545.1	1742.0	1947.2	2151.6	2357.6	2567.3	2768.4	2982.1
-25°	995.8	1135.0	1282.1	1441.8	1610.7	1791.6	1967.3	2141.4	2327.4	2515.9	2699.8
-27.5°	934.1	1056.9	1195.8	1338.2	1478.9	1640.0	1793.6	1941.3	2103.6	2269.8	2418.4
-30°	872.2	988.8	1110.5	1236.8	1360.7	1495.1	1628.0	1757.4	1889.7	2032.1	2160.8
-32.5°	814.8	921.3	1032.0	1142.7	1247.9	1352.1	1474.9	1589.9	1698.1	1799.6	1911.9
-35°	762.4	860.0	956.2	1051.7	1138.3	1230.0	1332.7	1429.6	1516.4	1597.8	1683.7
-37.5°	713.0	799.8	880.9	966.2	1043.2	1121.7	1197.2	1281.1	1351.5	1416.6	1487.0
-40°	663.3	741.0	814.0	885.3	955.9	1021.4	1085.9	1142.9	1199.6	1262.2	1310.6
-42.5°	614.5	686.6	751.9	806.6	873.2	929.7	979.8	1027.1	1073.4	1122.2	1161.0
-45°	571.4	632.9	692.4	744.8	794.7	842.9	885.4	922.5	966.3	1000.2	1029.5
-47.5°	527.9	581.1	635.6	684.0	725.7	764.8	796.5	833.7	869.7	898.7	915.8
-50°	485.1	533.8	579.9	624.9	662.8	694.2	721.5	752.2	782.0	806.7	823.0
-52.5°	445.7	486.3	529.0	567.4	602.2	630.4	656.4	683.1	705.0	721.9	743.3
-55°	406.7	444.1	479.8	514.2	544.0	569.8	595.3	619.0	637.7	652.4	670.0
-57.5°	370.1	403.9	435.0	463.9	490.6	512.8	537.6	557.9	575.3	589.0	607.2
-60°	334.5	364.7	393.0	418.1	440.1	461.9	482.1	500.8	516.0	529.6	546.3
-62.5°	299.0	326.3	351.8	374.9	394.9	413.0	431.2	447.0	459.7	473.8	487.7
-65°	265.8	288.8	311.1	332.2	351.1	368.3	383.3	396.1	408.0	420.5	431.7
-67.5°	232.6	254.1	272.9	289.6	307.0	323.7	337.6	349.4	359.4	369.6	379.0
-70°	203.0	220.1	237.2	252.3	265.5	279.4	293.0	304.1	313.0	321.0	328.6
-72.5°	173.8	189.0	203.1	216.1	228.2	239.3	250.0	260.1	268.4	274.6	280.1
-75°	146.2	157.9	170.1	181.5	191.3	200.0	208.2	216.2	223.0	228.3	232.7
-77.5°	119.6	129.6	138.9	147.7	154.7	161.6	167.9	173.8	179.0	183.1	186.0
-80°	94.0	101.1	108.7	115.9	121.3	125.9	130.0	133.4	137.3	141.2	144.7
-82.5°	69.9	75.1	80.1	85.0	88.8	92.0	94.8	97.4	100.2	102.8	105.0
-85°	46.0	49.0	52.0	55.0	57.9	60.4	62.6	64.5	66.0	67.3	68.4
-87.5°	23.0	24.5	25.9	27.1	28.5	29.9	31.1	32.2	33.0	33.6	34.2
-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: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	26.3	26.4	26.3	26.2	26.0	25.0	23.8	22.6	21.3	21.9	22.5
85°	77.5	77.8	77.5	76.8	75.5	75.4	75.2	74.7	73.9	75.1	76.0
82.5°	145.8	146.9	147.0	146.3	144.9	145.5	145.8	145.5	144.6	145.6	146.3
80°	227.9	230.0	230.1	228.6	225.4	225.9	226.1	225.5	224.0	224.4	224.2
77.5°	324.6	329.6	331.3	330.6	327.5	326.6	324.4	320.0	313.5	313.4	313.5
75°	448.0	453.1	455.8	455.6	452.6	450.6	447.8	442.7	435.5	435.2	435.3
72.5°	584.1	591.7	595.0	598.1	598.1	597.0	593.3	585.7	574.5	573.2	574.5
70°	734.6	747.2	755.3	761.4	766.3	767.3	764.9	758.8	749.0	746.4	745.6
67.5°	902.1	922.3	937.6	947.8	957.4	964.4	967.0	964.2	956.3	953.7	954.7
65°	1089.8	1121.1	1146.8	1166.1	1179.1	1188.3	1196.2	1201.0	1202.2	1204.9	1208.7
62.5°	1309.1	1347.5	1383.4	1407.8	1420.4	1429.3	1455.0	1469.8	1474.1	1475.0	1480.6
60°	1554.0	1602.5	1647.3	1683.2	1712.2	1734.2	1756.1	1770.6	1776.0	1777.1	1784.9
57.5°	1821.9	1882.7	1935.0	1990.7	2029.6	2052.0	2081.3	2111.5	2127.2	2131.8	2150.3
55°	2118.1	2201.2	2269.1	2328.6	2382.8	2430.4	2470.7	2501.9	2524.9	2538.7	2563.3
52.5°	2445.7	2543.3	2614.3	2684.2	2761.9	2816.7	2852.5	2910.1	2951.7	2974.6	3003.9
50°	2805.4	2914.1	3010.9	3084.2	3174.6	3249.4	3304.0	3358.5	3396.6	3418.4	3446.8
47.5°	3214.9	3348.8	3461.1	3529.0	3634.0	3722.1	3757.6	3798.8	3870.6	3905.1	3935.5
45°	3675.9	3846.8	3971.6	4077.8	4168.0	4266.8	4331.6	4378.4	4449.1	4484.6	4507.0
42.5°	4224.5	4414.5	4578.9	4706.5	4782.3	4910.6	5004.1	5030.4	5130.6	5198.6	5218.6
40°	4839.7	5050.3	5267.2	5412.6	5534.7	5664.9	5819.2	5905.2	5989.9	6056.6	6071.7
37.5°	5480.8	5762.8	6010.3	6198.0	6399.9	6592.0	6755.5	6844.7	6900.4	7027.9	7075.4
35°	6132.5	6423.5	6770.2	7062.0	7306.6	7543.8	7730.4	7877.3	8017.2	8132.0	8200.8
32.5°	6687.5	7000.7	7428.7	7865.5	8129.7	8386.5	8693.0	8861.1	9047.8	9199.1	9309.6
30°	7143.6	7441.3	7831.0	8379.2	8740.8	9001.2	9389.1	9621.5	9824.8	10081.2	10170.4
27.5°	7165.2	7630.5	7975.2	8447.3	8990.0	9254.2	9541.3	9963.8	10092.0	10457.5	10510.2
25°	6977.1	7465.7	7819.9	8214.0	8665.2	8986.7	9248.9	9600.2	9784.1	10019.2	10199.8
22.5°	6682.9	7113.6	7474.8	7809.0	8161.1	8453.8	8693.5	8940.4	9142.3	9324.7	9494.2
20°	6358.1	6766.8	7109.5	7396.8	7675.8	7947.2	8162.8	8370.2	8544.8	8701.4	8797.8
17.5°	6129.3	6423.4	6773.4	7067.8	7309.7	7522.7	7745.7	7919.3	8072.5	8213.4	8301.5
15°	5973.0	6252.7	6501.9	6772.1	7027.0	7230.1	7398.0	7577.1	7709.5	7830.8	7926.2
12.5°	5810.9	6099.1	6359.9	6584.9	6784.4	7006.2	7185.7	7326.6	7465.4	7560.7	7658.8
10°	5675.5	5945.1	6215.6	6453.2	6663.2	6845.9	7015.9	7173.9	7298.5	7405.3	7482.6
7.5°	5596.9	5861.3	6104.4	6332.4	6537.1	6731.8	6907.0	7051.9	7175.4	7286.0	7366.9
5°	5505.7	5767.5	6010.2	6243.1	6439.7	6626.8	6801.3	6950.4	7078.2	7176.7	7254.2
2.5°	5401.2	5659.5	5901.6	6138.3	6334.8	6515.3	6680.4	6825.9	6959.0	7052.9	7118.8
0°	5282.2	5540.8	5777.3	6000.4	6198.1	6392.4	6544.5	6691.5	6821.6	6914.5	6980.4
-2.5°	5162.2	5419.1	5664.0	5877.7	6073.9	6253.4	6415.2	6554.0	6678.3	6770.8	6828.7
-5°	5002.5	5257.9	5499.6	5714.9	5919.9	6100.0	6257.4	6398.6	6518.3	6619.2	6697.7
-7.5°	4809.3	5067.5	5308.9	5528.8	5732.8	5903.0	6054.1	6196.4	6324.2	6434.4	6530.9
-10°	4596.8	4852.2	5080.2	5286.2	5476.3	5649.3	5810.1	5950.6	6067.7	6175.7	6257.0
-12.5°	4349.2	4585.7	4808.8	5011.9	5197.6	5371.0	5523.8	5657.7	5775.6	5871.3	5944.6
-15°	4076.1	4300.6	4511.9	4719.5	4914.0	5084.7	5219.2	5360.2	5462.4	5555.3	5621.2
-17.5°	3784.0	4000.9	4223.3	4431.3	4610.9	4779.2	4927.2	5056.2	5163.4	5248.6	5323.0
-20°	3487.8	3708.9	3922.8	4121.1	4293.8	4449.8	4599.7	4723.5	4833.4	4926.1	5013.4



REPORT NUMBER: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3190.4	3393.2	3594.0	3787.9	3951.3	4098.8	4230.0	4348.5	4445.5	4554.7	4631.8
-25°	2884.9	3062.5	3243.9	3415.2	3569.6	3714.7	3833.6	3937.5	4038.6	4144.0	4219.1
-27.5°	2577.9	2735.0	2882.3	3033.8	3169.2	3294.8	3405.2	3496.1	3594.2	3664.6	3747.2
-30°	2274.3	2416.8	2539.6	2645.1	2772.3	2880.2	2966.0	3056.3	3137.4	3204.7	3274.3
-32.5°	2017.2	2114.6	2212.8	2301.0	2385.6	2474.2	2543.5	2622.3	2677.8	2735.8	2792.0
-35°	1770.2	1845.2	1910.3	1992.8	2056.3	2104.5	2162.3	2220.1	2242.3	2305.3	2338.9
-37.5°	1546.4	1595.7	1656.5	1713.9	1761.0	1797.1	1848.5	1878.7	1894.7	1935.5	1957.3
-40°	1354.9	1386.0	1442.8	1482.0	1510.3	1536.5	1579.2	1598.9	1620.7	1640.9	1641.6
-42.5°	1186.4	1226.4	1264.9	1295.8	1313.7	1343.5	1363.6	1365.8	1394.0	1412.0	1414.8
-45°	1048.7	1089.3	1119.8	1142.5	1160.3	1186.0	1198.9	1206.2	1229.2	1241.4	1246.8
-47.5°	942.8	971.2	997.6	1015.1	1038.5	1057.6	1067.1	1079.2	1096.8	1108.0	1116.1
-50°	849.7	872.2	892.3	908.3	931.7	948.6	957.7	972.6	985.8	993.9	1000.2
-52.5°	767.9	788.0	801.9	817.4	836.8	851.8	863.4	878.1	889.1	896.3	901.9
-55°	691.3	710.2	723.8	740.7	754.6	764.6	774.5	788.9	799.6	806.9	811.7
-57.5°	623.7	637.9	651.2	666.6	679.8	690.7	699.5	707.5	714.5	720.5	725.2
-60°	560.4	572.0	584.2	596.2	606.1	614.0	623.5	630.7	635.3	638.1	641.9
-62.5°	499.5	509.9	520.7	530.4	538.3	544.9	552.6	558.5	562.8	565.8	568.0
-65°	441.6	450.6	459.8	467.8	474.7	480.4	485.8	490.0	493.0	495.5	497.5
-67.5°	387.5	394.6	401.0	406.6	411.7	416.6	421.4	424.6	426.3	428.3	430.4
-70°	335.3	340.9	345.2	348.5	351.5	355.4	360.0	363.1	365.0	366.9	368.8
-72.5°	284.8	288.9	292.4	295.1	296.8	299.3	302.5	305.0	307.0	308.5	309.2
-75°	236.1	239.5	242.6	244.8	246.0	247.8	249.4	250.2	250.3	251.0	251.5
-77.5°	188.6	191.9	194.8	196.9	198.1	199.6	200.7	201.3	201.4	201.5	201.1
-80°	147.2	149.5	151.4	152.8	153.8	154.8	155.4	155.5	155.1	155.5	155.6
-82.5°	107.0	109.0	110.6	111.9	112.7	113.8	114.6	115.2	115.5	115.7	115.5
-85°	69.2	70.2	71.0	71.8	72.6	73.0	73.3	73.3	73.1	73.2	73.1
-87.5°	34.6	34.2	33.7	33.0	32.2	32.4	32.6	32.6	32.6	33.0	33.3
-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: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	23.1	23.6	22.0	20.3	22.0	23.6	23.1	22.5	21.9	21.3	22.6
85°	76.8	77.3	75.9	74.3	75.9	77.3	76.8	76.0	75.1	73.9	74.7
82.5°	146.5	146.2	145.1	143.6	145.1	146.2	146.5	146.3	145.6	144.6	145.5
80°	223.4	221.9	221.1	219.7	221.1	221.9	223.4	224.2	224.4	224.0	225.5
77.5°	312.7	311.1	313.8	316.0	313.8	311.1	312.7	313.5	313.4	313.5	320.0
75°	433.6	430.3	427.0	422.4	427.0	430.3	433.6	435.3	435.2	435.5	442.7
72.5°	573.9	571.3	568.7	564.4	568.7	571.3	573.9	574.5	573.2	574.5	585.7
70°	741.2	733.3	734.6	735.1	734.6	733.3	741.2	745.6	746.4	749.0	758.8
67.5°	951.7	944.6	945.4	944.6	945.4	944.6	951.7	954.7	953.7	956.3	964.2
65°	1206.4	1198.4	1188.7	1174.4	1188.7	1198.4	1206.4	1208.7	1204.9	1202.2	1201.0
62.5°	1479.9	1472.8	1476.9	1480.2	1476.9	1472.8	1479.9	1480.6	1475.0	1474.1	1469.8
60°	1783.7	1773.7	1768.7	1760.7	1768.7	1773.7	1783.7	1784.9	1777.1	1776.0	1770.6
57.5°	2158.8	2157.0	2152.6	2140.9	2152.6	2157.0	2158.8	2150.3	2131.8	2127.2	2111.5
55°	2574.8	2572.4	2582.0	2593.8	2582.0	2572.4	2574.8	2563.3	2538.7	2524.9	2501.9
52.5°	3025.5	3033.1	3030.5	3014.6	3030.5	3033.1	3025.5	3003.9	2974.6	2951.7	2910.1
50°	3471.7	3480.3	3489.4	3497.8	3489.4	3480.3	3471.7	3446.8	3418.4	3396.6	3358.5
47.5°	3977.4	3999.9	4003.9	3987.9	4003.9	3999.9	3977.4	3935.5	3905.1	3870.6	3798.8
45°	4551.9	4565.5	4572.4	4586.0	4572.4	4565.5	4551.9	4507.0	4484.6	4449.1	4378.4
42.5°	5276.3	5292.0	5294.4	5309.3	5294.4	5292.0	5276.3	5218.6	5198.6	5130.6	5030.4
40°	6136.0	6161.5	6157.1	6150.8	6157.1	6161.5	6136.0	6071.7	6056.6	5989.9	5905.2
37.5°	7142.5	7185.8	7190.3	7217.0	7190.3	7185.8	7142.5	7075.4	7027.9	6900.4	6844.7
35°	8272.0	8322.9	8314.1	8327.2	8314.1	8322.9	8272.0	8200.8	8132.0	8017.2	7877.3
32.5°	9411.3	9487.7	9503.1	9567.5	9503.1	9487.7	9411.3	9309.6	9199.1	9047.8	8861.1
30°	10306.5	10413.6	10483.5	10478.3	10483.5	10413.6	10306.5	10170.4	10081.2	9824.8	9621.5
27.5°	10677.3	10816.1	10946.0	10985.2	10946.0	10816.1	10677.3	10510.2	10457.5	10092.0	9963.8
25°	10315.5	10416.9	10531.7	10593.2	10531.7	10416.9	10315.5	10199.8	10019.2	9784.1	9600.2
22.5°	9572.1	9638.0	9677.2	9645.2	9677.2	9638.0	9572.1	9494.2	9324.7	9142.3	8940.4
20°	8897.5	8980.9	8996.4	9030.1	8996.4	8980.9	8897.5	8797.8	8701.4	8544.8	8370.2
17.5°	8395.5	8450.1	8482.2	8489.4	8482.2	8450.1	8395.5	8301.5	8213.4	8072.5	7919.3
15°	8001.9	8045.7	8074.5	8087.2	8074.5	8045.7	8001.9	7926.2	7830.8	7709.5	7577.1
12.5°	7723.1	7776.5	7802.7	7818.6	7802.7	7776.5	7723.1	7658.8	7560.7	7465.4	7326.6
10°	7544.3	7595.8	7616.6	7624.2	7616.6	7595.8	7544.3	7482.6	7405.3	7298.5	7173.9
7.5°	7415.9	7449.0	7462.9	7473.9	7462.9	7449.0	7415.9	7366.9	7286.0	7175.4	7051.9
5°	7312.3	7338.6	7353.4	7369.1	7353.4	7338.6	7312.3	7254.2	7176.7	7078.2	6950.4
2.5°	7171.3	7209.0	7235.0	7250.8	7235.0	7209.0	7171.3	7118.8	7052.9	6959.0	6825.9
0°	7032.8	7068.3	7086.9	7117.3	7086.9	7068.3	7032.8	6980.4	6914.5	6821.6	6691.5
-2.5°	6880.6	6921.7	6970.5	7017.6	6970.5	6921.7	6880.6	6828.7	6770.8	6678.3	6554.0
-5°	6764.1	6818.4	6828.6	6858.8	6828.6	6818.4	6764.1	6697.7	6619.2	6518.3	6398.6
-7.5°	6588.4	6613.2	6655.3	6662.8	6655.3	6613.2	6588.4	6530.9	6434.4	6324.2	6196.4
-10°	6317.7	6358.0	6384.2	6411.0	6384.2	6358.0	6317.7	6257.0	6175.7	6067.7	5950.6
-12.5°	5999.6	6046.9	6089.1	6083.2	6089.1	6046.9	5999.6	5944.6	5871.3	5775.6	5657.7
-15°	5689.6	5735.3	5764.4	5760.4	5764.4	5735.3	5689.6	5621.2	5555.3	5462.4	5360.2
-17.5°	5382.0	5423.7	5465.7	5464.7	5465.7	5423.7	5382.0	5323.0	5248.6	5163.4	5056.2
-20°	5064.4	5100.1	5145.0	5163.9	5145.0	5100.1	5064.4	5013.4	4926.1	4833.4	4723.5



REPORT NUMBER: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	4697.1	4742.8	4775.5	4795.6	4775.5	4742.8	4697.1	4631.8	4554.7	4445.5	4348.5
-25°	4269.0	4315.8	4340.7	4349.5	4340.7	4315.8	4269.0	4219.1	4144.0	4038.6	3937.5
-27.5°	3796.0	3848.5	3874.1	3861.1	3874.1	3848.5	3796.0	3747.2	3664.6	3594.2	3496.1
-30°	3310.9	3344.6	3348.5	3377.9	3348.5	3344.6	3310.9	3274.3	3204.7	3137.4	3056.3
-32.5°	2832.3	2854.9	2842.1	2843.9	2842.1	2854.9	2832.3	2792.0	2735.8	2677.8	2622.3
-35°	2359.7	2377.8	2381.4	2414.7	2381.4	2377.8	2359.7	2338.9	2305.3	2242.3	2220.1
-37.5°	1979.9	1987.1	1976.0	1960.1	1976.0	1987.1	1979.9	1957.3	1935.5	1894.7	1878.7
-40°	1657.7	1663.3	1659.1	1650.9	1659.1	1663.3	1657.7	1641.6	1640.9	1620.7	1598.9
-42.5°	1425.9	1425.9	1422.2	1421.1	1422.2	1425.9	1425.9	1414.8	1412.0	1394.0	1365.8
-45°	1254.6	1256.4	1256.1	1255.5	1256.1	1256.4	1254.6	1246.8	1241.4	1229.2	1206.2
-47.5°	1121.8	1122.1	1120.4	1116.9	1120.4	1122.1	1121.8	1116.1	1108.0	1096.8	1079.2
-50°	1004.1	1004.1	1006.4	1010.5	1006.4	1004.1	1004.1	1000.2	993.9	985.8	972.6
-52.5°	904.8	904.6	905.8	907.4	905.8	904.6	904.8	901.9	896.3	889.1	878.1
-55°	813.9	813.4	812.2	809.4	812.2	813.4	813.9	811.7	806.9	799.6	788.9
-57.5°	726.9	725.9	723.7	719.8	723.7	725.9	726.9	725.2	720.5	714.5	707.5
-60°	644.1	644.5	643.4	640.4	643.4	644.5	644.1	641.9	638.1	635.3	630.7
-62.5°	568.6	567.4	567.2	566.1	567.2	567.4	568.6	568.0	565.8	562.8	558.5
-65°	497.8	496.7	497.1	496.8	497.1	496.7	497.8	497.5	495.5	493.0	490.0
-67.5°	431.2	430.9	431.2	430.9	431.2	430.9	431.2	430.4	428.3	426.3	424.6
-70°	369.8	370.0	368.1	365.0	368.1	370.0	369.8	368.8	366.9	365.0	363.1
-72.5°	309.0	307.9	308.0	307.5	308.0	307.9	309.0	309.2	308.5	307.0	305.0
-75°	251.4	250.7	252.3	253.5	252.3	250.7	251.4	251.5	251.0	250.3	250.2
-77.5°	200.1	198.7	200.0	201.1	200.0	198.7	200.1	201.1	201.5	201.4	201.3
-80°	155.4	154.9	154.5	153.8	154.5	154.9	155.4	155.6	155.5	155.1	155.5
-82.5°	115.1	114.4	113.9	113.2	113.9	114.4	115.1	115.5	115.7	115.5	115.2
-85°	72.9	72.4	73.4	74.3	73.4	72.4	72.9	73.1	73.2	73.1	73.3
-87.5°	33.5	33.7	32.9	32.1	32.9	33.7	33.5	33.3	33.0	32.6	32.6
-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: P558874 (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°	23.8	25.0	26.0	26.2	26.3	26.4	26.3	26.1	25.9	25.5	25.1
85°	75.2	75.4	75.5	76.8	77.5	77.8	77.5	76.1	74.3	72.0	69.1
82.5°	145.8	145.5	144.9	146.3	147.0	146.9	145.8	142.9	139.2	134.6	129.1
80°	226.1	225.9	225.4	228.6	230.1	230.0	227.9	222.7	215.9	209.0	202.0
77.5°	324.4	326.6	327.5	330.6	331.3	329.6	324.6	316.7	309.8	300.9	289.1
75°	447.8	450.6	452.6	455.6	455.8	453.1	448.0	438.4	425.8	410.1	389.1
72.5°	593.3	597.0	598.1	598.1	595.0	591.7	584.1	571.4	554.9	534.5	506.7
70°	764.9	767.3	766.3	761.4	755.3	747.2	734.6	716.7	693.7	669.7	635.7
67.5°	967.0	964.4	957.4	947.8	937.6	922.3	902.1	876.3	849.9	819.7	773.8
65°	1196.2	1188.3	1179.1	1166.1	1146.8	1121.1	1089.8	1057.3	1022.7	980.7	922.8
62.5°	1455.0	1429.3	1420.4	1407.8	1383.4	1347.5	1309.1	1267.8	1216.2	1156.0	1097.8
60°	1756.1	1734.2	1712.2	1683.2	1647.3	1602.5	1554.0	1498.0	1434.5	1367.4	1289.6
57.5°	2081.3	2052.0	2029.6	1990.7	1935.0	1882.7	1821.9	1744.6	1668.5	1590.8	1497.7
55°	2470.7	2430.4	2382.8	2328.6	2269.1	2201.2	2118.1	2027.9	1934.8	1827.8	1728.7
52.5°	2852.5	2816.7	2761.9	2684.2	2614.3	2543.3	2445.7	2340.0	2234.8	2123.9	1984.7
50°	3304.0	3249.4	3174.6	3084.2	3010.9	2914.1	2805.4	2677.2	2567.6	2440.7	2287.3
47.5°	3757.6	3722.1	3634.0	3529.0	3461.1	3348.8	3214.9	3071.3	2950.4	2777.8	2610.6
45°	4331.6	4266.8	4168.0	4077.8	3971.6	3846.8	3675.9	3538.7	3377.1	3188.6	2946.3
42.5°	5004.1	4910.6	4782.3	4706.5	4578.9	4414.5	4224.5	4051.7	3850.0	3629.6	3351.4
40°	5819.2	5664.9	5534.7	5412.6	5267.2	5050.3	4839.7	4609.6	4368.5	4097.4	3735.2
37.5°	6755.5	6592.0	6399.9	6198.0	6010.3	5762.8	5480.8	5209.9	4920.1	4512.3	4099.3
35°	7730.4	7543.8	7306.6	7062.0	6770.2	6423.5	6132.5	5813.1	5417.3	4888.1	4436.2
32.5°	8693.0	8386.5	8129.7	7865.5	7428.7	7000.7	6687.5	6403.6	5731.7	5185.5	4732.2
30°	9389.1	9001.2	8740.8	8379.2	7831.0	7441.3	7143.6	6554.3	5928.9	5393.0	4962.7
27.5°	9541.3	9254.2	8990.0	8447.3	7975.2	7630.5	7165.2	6564.5	5995.8	5491.5	5074.9
25°	9248.9	8986.7	8665.2	8214.0	7819.9	7465.7	6977.1	6433.1	5922.7	5478.1	5010.5
22.5°	8693.5	8453.8	8161.1	7809.0	7474.8	7113.6	6682.9	6211.4	5772.4	5356.2	4903.6
20°	8162.8	7947.2	7675.8	7396.8	7109.5	6766.8	6358.1	5972.6	5615.3	5212.3	4775.1
17.5°	7745.7	7522.7	7309.7	7067.8	6773.4	6423.4	6129.3	5811.7	5458.6	5058.2	4628.4
15°	7398.0	7230.1	7027.0	6772.1	6501.9	6252.7	5973.0	5648.3	5296.5	4891.8	4491.5
12.5°	7185.7	7006.2	6784.4	6584.9	6359.9	6099.1	5810.9	5479.6	5143.3	4804.3	4445.4
10°	7015.9	6845.9	6663.2	6453.2	6215.6	5945.1	5675.5	5387.6	5074.4	4741.6	4386.5
7.5°	6907.0	6731.8	6537.1	6332.4	6104.4	5861.3	5596.9	5310.4	4994.2	4662.0	4313.8
5°	6801.3	6626.8	6439.7	6243.1	6010.2	5767.5	5505.7	5218.5	4901.0	4565.8	4226.8
2.5°	6680.4	6515.3	6334.8	6138.3	5901.6	5659.5	5401.2	5110.4	4797.6	4475.5	4127.9
0°	6544.5	6392.4	6198.1	6000.4	5777.3	5540.8	5282.2	4984.8	4679.0	4374.8	4013.2
-2.5°	6415.2	6253.4	6073.9	5877.7	5664.0	5419.1	5162.2	4874.5	4562.1	4254.7	3901.1
-5°	6257.4	6100.0	5919.9	5714.9	5499.6	5257.9	5002.5	4724.6	4417.4	4113.4	3775.5
-7.5°	6054.1	5903.0	5732.8	5528.8	5308.9	5067.5	4809.3	4531.6	4232.3	3931.6	3603.2
-10°	5810.1	5649.3	5476.3	5286.2	5080.2	4852.2	4596.8	4319.5	4031.5	3732.0	3416.3
-12.5°	5523.8	5371.0	5197.6	5011.9	4808.8	4585.7	4349.2	4084.7	3815.5	3514.6	3215.1
-15°	5219.2	5084.7	4914.0	4719.5	4511.9	4300.6	4076.1	3823.9	3575.2	3280.8	2999.7
-17.5°	4927.2	4779.2	4610.9	4431.3	4223.3	4000.9	3784.0	3552.7	3312.2	3044.0	2786.7
-20°	4599.7	4449.8	4293.8	4121.1	3922.8	3708.9	3487.8	3267.2	3041.3	2807.8	2574.0



REPORT NUMBER: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	4230.0	4098.8	3951.3	3787.9	3594.0	3393.2	3190.4	2982.1	2768.4	2567.3	2357.6
-25°	3833.6	3714.7	3569.6	3415.2	3243.9	3062.5	2884.9	2699.8	2515.9	2327.4	2141.4
-27.5°	3405.2	3294.8	3169.2	3033.8	2882.3	2735.0	2577.9	2418.4	2269.8	2103.6	1941.3
-30°	2966.0	2880.2	2772.3	2645.1	2539.6	2416.8	2274.3	2160.8	2032.1	1889.7	1757.4
-32.5°	2543.5	2474.2	2385.6	2301.0	2212.8	2114.6	2017.2	1911.9	1799.6	1698.1	1589.9
-35°	2162.3	2104.5	2056.3	1992.8	1910.3	1845.2	1770.2	1683.7	1597.8	1516.4	1429.6
-37.5°	1848.5	1797.1	1761.0	1713.9	1656.5	1595.7	1546.4	1487.0	1416.6	1351.5	1281.1
-40°	1579.2	1536.5	1510.3	1482.0	1442.8	1386.0	1354.9	1310.6	1262.2	1199.6	1142.9
-42.5°	1363.6	1343.5	1313.7	1295.8	1264.9	1226.4	1186.4	1161.0	1122.2	1073.4	1027.1
-45°	1198.9	1186.0	1160.3	1142.5	1119.8	1089.3	1048.7	1029.5	1000.2	966.3	922.5
-47.5°	1067.1	1057.6	1038.5	1015.1	997.6	971.2	942.8	915.8	898.7	869.7	833.7
-50°	957.7	948.6	931.7	908.3	892.3	872.2	849.7	823.0	806.7	782.0	752.2
-52.5°	863.4	851.8	836.8	817.4	801.9	788.0	767.9	743.3	721.9	705.0	683.1
-55°	774.5	764.6	754.6	740.7	723.8	710.2	691.3	670.0	652.4	637.7	619.0
-57.5°	699.5	690.7	679.8	666.6	651.2	637.9	623.7	607.2	589.0	575.3	557.9
-60°	623.5	614.0	606.1	596.2	584.2	572.0	560.4	546.3	529.6	516.0	500.8
-62.5°	552.6	544.9	538.3	530.4	520.7	509.9	499.5	487.7	473.8	459.7	447.0
-65°	485.8	480.4	474.7	467.8	459.8	450.6	441.6	431.7	420.5	408.0	396.1
-67.5°	421.4	416.6	411.7	406.6	401.0	394.6	387.5	379.0	369.6	359.4	349.4
-70°	360.0	355.4	351.5	348.5	345.2	340.9	335.3	328.6	321.0	313.0	304.1
-72.5°	302.5	299.3	296.8	295.1	292.4	288.9	284.8	280.1	274.6	268.4	260.1
-75°	249.4	247.8	246.0	244.8	242.6	239.5	236.1	232.7	228.3	223.0	216.2
-77.5°	200.7	199.6	198.1	196.9	194.8	191.9	188.6	186.0	183.1	179.0	173.8
-80°	155.4	154.8	153.8	152.8	151.4	149.5	147.2	144.7	141.2	137.3	133.4
-82.5°	114.6	113.8	112.7	111.9	110.6	109.0	107.0	105.0	102.8	100.2	97.4
-85°	73.3	73.0	72.6	71.8	71.0	70.2	69.2	68.4	67.3	66.0	64.5
-87.5°	32.6	32.4	32.2	33.0	33.7	34.2	34.6	34.2	33.6	33.0	32.2
-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: P558874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	24.6	23.9	23.2	22.3	21.8	21.1	20.3	19.3	17.6	15.9	14.1
85°	65.6	61.5	57.0	52.1	47.3	42.3	40.6	38.5	35.2	31.7	28.2
82.5°	122.3	116.4	110.2	103.3	95.8	87.8	79.3	70.2	59.2	48.5	42.2
80°	193.1	183.2	172.3	160.4	147.2	133.2	121.6	109.0	93.3	78.2	63.7
77.5°	273.7	256.9	238.7	223.2	207.1	189.7	170.9	149.8	127.1	107.6	88.8
75°	363.3	342.2	320.4	296.8	271.6	246.2	223.9	198.1	167.4	137.4	113.6
72.5°	475.0	442.2	408.5	373.7	343.6	312.5	280.6	245.6	209.5	174.2	139.8
70°	594.5	549.4	506.9	465.2	421.7	378.8	341.7	298.4	251.0	210.4	171.0
67.5°	721.8	672.5	618.6	559.4	507.1	456.3	404.2	351.8	298.7	246.0	201.5
65°	866.3	804.0	736.6	671.7	602.4	534.5	476.2	407.1	345.4	287.2	231.4
62.5°	1025.2	943.8	870.6	788.9	707.8	627.8	545.8	467.9	392.6	327.5	264.6
60°	1205.2	1116.0	1013.1	921.7	824.0	725.8	628.4	526.8	444.6	366.6	298.6
57.5°	1403.2	1298.3	1188.3	1067.4	952.7	836.6	710.9	594.1	494.8	409.2	331.3
55°	1610.2	1492.3	1368.1	1235.1	1093.4	959.4	797.6	663.0	545.5	451.2	361.7
52.5°	1842.1	1701.1	1557.8	1407.9	1251.8	1078.7	893.8	727.9	602.3	491.5	393.9
50°	2109.2	1932.9	1762.7	1590.5	1412.4	1204.1	983.7	805.5	655.6	532.1	424.6
47.5°	2413.9	2199.9	1989.0	1782.2	1585.3	1320.7	1082.8	879.6	705.3	575.4	453.2
45°	2729.3	2493.6	2238.2	1999.0	1725.7	1438.6	1179.3	947.8	765.3	613.0	479.6
42.5°	3046.0	2790.9	2516.8	2217.7	1869.9	1550.3	1267.3	1024.4	820.7	647.7	507.2
40°	3397.7	3087.2	2794.7	2420.8	2001.0	1651.9	1358.0	1096.3	870.5	682.6	534.9
37.5°	3733.2	3389.8	3068.2	2575.9	2120.9	1755.9	1440.8	1160.6	916.0	720.3	560.0
35°	4046.3	3683.2	3206.0	2702.0	2239.9	1844.0	1514.1	1221.2	964.4	753.6	582.6
32.5°	4331.8	3871.2	3311.7	2800.4	2334.3	1915.8	1580.6	1275.2	1005.8	782.3	602.5
30°	4526.5	3941.4	3384.3	2871.5	2404.7	1985.5	1634.8	1320.0	1040.2	806.5	621.1
27.5°	4536.8	3974.1	3423.1	2915.9	2453.1	2036.5	1675.9	1355.6	1067.7	829.0	640.3
25°	4501.3	3959.8	3428.8	2932.4	2478.8	2078.4	1707.5	1382.4	1093.0	850.8	656.0
22.5°	4418.1	3908.8	3403.0	2921.2	2506.9	2107.2	1733.6	1405.2	1113.4	867.3	668.3
20°	4313.0	3825.9	3359.6	2932.1	2521.1	2125.6	1753.2	1420.0	1126.6	878.5	677.1
17.5°	4184.3	3760.2	3352.3	2930.1	2521.1	2131.1	1762.1	1426.8	1132.9	884.6	682.6
15°	4125.1	3734.4	3330.3	2914.5	2507.2	2124.0	1760.5	1425.9	1132.5	885.8	686.5
12.5°	4077.5	3693.9	3294.6	2885.3	2479.9	2104.8	1748.8	1417.4	1125.7	885.8	689.3
10°	4017.4	3638.6	3245.2	2842.7	2439.8	2074.1	1727.5	1404.5	1122.3	884.4	689.5
7.5°	3944.0	3568.7	3182.2	2787.0	2391.6	2039.7	1705.8	1390.2	1115.2	879.2	687.1
5°	3858.9	3491.6	3114.5	2733.6	2354.8	2003.3	1677.0	1368.8	1103.3	870.4	682.3
2.5°	3766.8	3411.9	3038.8	2668.9	2308.5	1958.0	1640.5	1341.2	1086.9	858.3	675.1
0°	3660.0	3318.7	2950.3	2592.1	2252.5	1904.4	1596.8	1307.9	1066.2	843.2	665.8
-2.5°	3566.2	3216.3	2855.0	2508.8	2170.9	1840.2	1549.2	1274.4	1043.3	828.3	656.0
-5°	3457.2	3100.7	2748.5	2414.8	2080.7	1769.3	1495.9	1236.5	1016.7	810.7	644.3
-7.5°	3296.9	2959.3	2627.2	2309.2	1983.1	1692.8	1437.7	1194.9	986.8	790.8	630.8
-10°	3116.4	2799.2	2489.6	2190.0	1888.3	1617.3	1376.1	1150.0	953.9	768.6	615.7
-12.5°	2925.5	2630.6	2344.6	2064.9	1790.6	1542.9	1317.2	1105.8	918.9	744.5	599.0
-15°	2725.7	2454.8	2193.1	1935.5	1689.7	1464.7	1255.4	1060.8	884.4	719.7	581.1
-17.5°	2522.3	2273.3	2036.3	1803.3	1586.7	1383.4	1191.5	1013.5	848.1	695.0	563.1
-20°	2336.7	2103.7	1876.4	1669.5	1482.8	1299.8	1126.1	964.2	810.1	668.9	544.9



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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°	2151.6	1947.2	1742.0	1545.1	1380.9	1214.3	1059.9	913.5	770.8	641.6	525.4
-25°	1967.3	1791.6	1610.7	1441.8	1282.1	1135.0	995.8	861.5	730.5	613.4	504.7
-27.5°	1793.6	1640.0	1478.9	1338.2	1195.8	1056.9	934.1	812.1	691.5	584.5	483.0
-30°	1628.0	1495.1	1360.7	1236.8	1110.5	988.8	872.2	762.9	655.9	556.4	460.2
-32.5°	1474.9	1352.1	1247.9	1142.7	1032.0	921.3	814.8	714.0	620.2	528.5	439.0
-35°	1332.7	1230.0	1138.3	1051.7	956.2	860.0	762.4	665.5	584.4	499.8	418.0
-37.5°	1197.2	1121.7	1043.2	966.2	880.9	799.8	713.0	625.5	548.8	470.3	396.6
-40°	1085.9	1021.4	955.9	885.3	814.0	741.0	663.3	587.6	514.1	440.1	374.8
-42.5°	979.8	929.7	873.2	806.6	751.9	686.6	614.5	548.9	480.6	413.0	352.8
-45°	885.4	842.9	794.7	744.8	692.4	632.9	571.4	510.1	447.1	387.5	331.4
-47.5°	796.5	764.8	725.7	684.0	635.6	581.1	527.9	472.9	413.5	362.0	311.0
-50°	721.5	694.2	662.8	624.9	579.9	533.8	485.1	436.0	385.3	336.8	290.1
-52.5°	656.4	630.4	602.2	567.4	529.0	486.3	445.7	399.7	356.6	312.4	268.9
-55°	595.3	569.8	544.0	514.2	479.8	444.1	406.7	367.6	327.3	288.1	247.6
-57.5°	537.6	512.8	490.6	463.9	435.0	403.9	370.1	335.0	299.4	263.4	228.7
-60°	482.1	461.9	440.1	418.1	393.0	364.7	334.5	302.9	271.6	239.1	209.5
-62.5°	431.2	413.0	394.9	374.9	351.8	326.3	299.0	272.2	243.5	217.1	190.1
-65°	383.3	368.3	351.1	332.2	311.1	288.8	265.8	241.3	218.2	194.9	170.5
-67.5°	337.6	323.7	307.0	289.6	272.9	254.1	232.6	213.0	193.4	172.5	151.2
-70°	293.0	279.4	265.5	252.3	237.2	220.1	203.0	185.8	168.4	151.1	131.8
-72.5°	250.0	239.3	228.2	216.1	203.1	189.0	173.8	159.0	145.1	129.5	112.3
-75°	208.2	200.0	191.3	181.5	170.1	157.9	146.2	134.1	121.8	108.0	95.0
-77.5°	167.9	161.6	154.7	147.7	138.9	129.6	119.6	109.3	99.2	89.2	78.5
-80°	130.0	125.9	121.3	115.9	108.7	101.1	94.0	86.6	78.9	70.6	61.8
-82.5°	94.8	92.0	88.8	85.0	80.1	75.1	69.9	64.6	58.5	52.0	45.6
-85°	62.6	60.4	57.9	55.0	52.0	49.0	46.0	42.8	38.8	34.6	30.5
-87.5°	31.1	29.9	28.5	27.1	25.9	24.5	23.0	21.4	19.4	17.3	15.2
-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°	12.2	10.3	8.4	6.3	4.3	2.1	0.0
85°	24.5	20.6	16.7	12.7	8.5	4.2	0.0
82.5°	36.6	30.9	25.0	19.0	12.8	6.3	0.0
80°	49.8	41.1	33.3	25.2	17.0	8.4	0.0
77.5°	70.8	53.7	41.5	31.5	21.2	10.4	0.0
75°	91.5	70.4	50.5	37.6	25.3	12.5	0.0
72.5°	111.8	86.8	63.3	43.8	29.4	14.5	0.0
70°	132.6	103.0	75.8	50.4	33.4	16.4	0.0
67.5°	157.9	118.8	88.1	59.3	37.4	18.4	0.0
65°	182.6	136.4	100.1	68.1	41.2	20.3	0.0
62.5°	206.4	155.5	111.8	76.6	45.0	22.2	0.0
60°	229.4	174.0	123.1	84.9	48.7	24.0	0.0
57.5°	255.4	191.8	136.8	92.9	53.9	25.8	0.0
55°	280.6	208.8	150.0	100.7	59.0	27.5	0.0
52.5°	304.4	225.4	162.6	108.2	63.9	29.2	0.0
50°	326.8	243.7	174.6	115.4	68.7	30.8	0.0
47.5°	348.2	260.9	186.0	122.6	73.3	32.4	0.0
45°	370.6	276.9	196.7	130.6	77.6	33.9	0.0
42.5°	391.2	291.7	206.7	138.1	81.8	35.3	0.0
40°	410.0	305.4	216.9	145.3	85.8	36.6	0.0
37.5°	426.9	317.8	227.1	152.1	89.6	37.9	0.0
35°	442.0	330.1	236.3	158.5	93.1	39.1	0.0
32.5°	456.5	341.7	244.7	164.4	96.4	40.3	0.0
30°	472.1	351.9	252.2	169.8	99.5	41.3	0.0
27.5°	485.6	360.7	259.2	174.8	102.3	42.3	0.0
25°	496.9	368.1	265.5	179.3	104.9	43.2	0.0
22.5°	506.2	374.6	270.9	183.3	107.2	44.0	0.0
20°	513.4	381.0	275.4	186.9	109.3	44.7	0.0
17.5°	519.9	386.3	279.0	189.9	111.1	45.4	0.0
15°	525.1	390.4	281.8	192.5	112.7	45.9	0.0
12.5°	528.4	393.4	283.8	194.6	114.0	46.4	0.0
10°	529.6	395.4	285.0	196.1	115.1	46.7	0.0
7.5°	529.1	396.2	285.4	197.3	115.9	47.0	0.0
5°	526.7	395.9	285.0	197.9	116.4	47.2	0.0
2.5°	522.7	394.5	283.9	198.0	116.6	47.3	0.0
0°	517.1	392.0	282.2	197.7	116.6	47.3	0.0
-2.5°	511.2	388.3	280.8	196.8	116.3	47.4	0.0
-5°	503.8	383.6	278.8	195.5	115.8	47.3	0.0
-7.5°	495.2	378.0	276.2	193.7	115.0	47.2	0.0
-10°	485.2	371.4	272.9	191.4	113.9	47.0	0.0
-12.5°	474.1	364.1	269.0	188.8	112.7	46.7	0.0
-15°	461.8	356.1	264.5	185.7	111.1	46.3	0.0
-17.5°	448.4	347.3	259.4	182.2	109.4	45.8	0.0
-20°	434.6	338.0	253.8	178.4	107.4	45.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	420.7	328.1	247.5	174.1	105.2	44.6	0.0
-25°	406.0	318.2	240.7	169.6	102.8	43.8	0.0
-27.5°	390.6	307.9	233.4	164.6	100.2	43.0	0.0
-30°	374.4	296.9	225.6	159.4	97.4	42.1	0.0
-32.5°	357.7	285.3	217.5	153.8	94.5	41.0	0.0
-35°	342.0	273.2	209.0	147.9	91.3	39.9	0.0
-37.5°	326.5	260.9	200.1	141.8	88.0	38.8	0.0
-40°	310.5	249.1	190.8	135.4	84.5	37.5	0.0
-42.5°	293.9	236.9	181.5	128.7	80.9	36.1	0.0
-45°	276.8	224.4	172.3	121.8	77.1	34.7	0.0
-47.5°	259.3	211.5	162.8	114.7	73.1	33.2	0.0
-50°	243.2	198.2	153.0	108.3	69.1	31.7	0.0
-52.5°	227.1	184.7	142.8	102.0	64.9	30.0	0.0
-55°	210.8	171.6	132.4	95.5	60.6	28.3	0.0
-57.5°	194.3	158.4	121.7	88.9	56.2	26.6	0.0
-60°	177.6	144.8	110.9	82.1	51.7	24.7	0.0
-62.5°	161.2	131.1	101.7	75.1	47.8	22.9	0.0
-65°	144.6	117.0	92.3	68.0	43.8	21.0	0.0
-67.5°	127.8	104.0	82.8	60.8	39.8	19.0	0.0
-70°	110.7	92.1	73.1	53.5	35.6	17.0	0.0
-72.5°	96.1	80.0	63.3	46.8	31.3	15.0	0.0
-75°	81.7	67.8	53.4	40.3	27.0	12.9	0.0
-77.5°	67.1	55.5	44.4	33.7	22.6	10.8	0.0
-80°	52.5	44.1	35.6	27.0	18.1	8.6	0.0
-82.5°	39.3	33.1	26.8	20.3	13.7	6.5	0.0
-85°	26.2	22.1	17.9	13.6	9.1	4.3	0.0
-87.5°	13.1	11.1	8.9	6.8	4.6	2.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)