

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-750-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

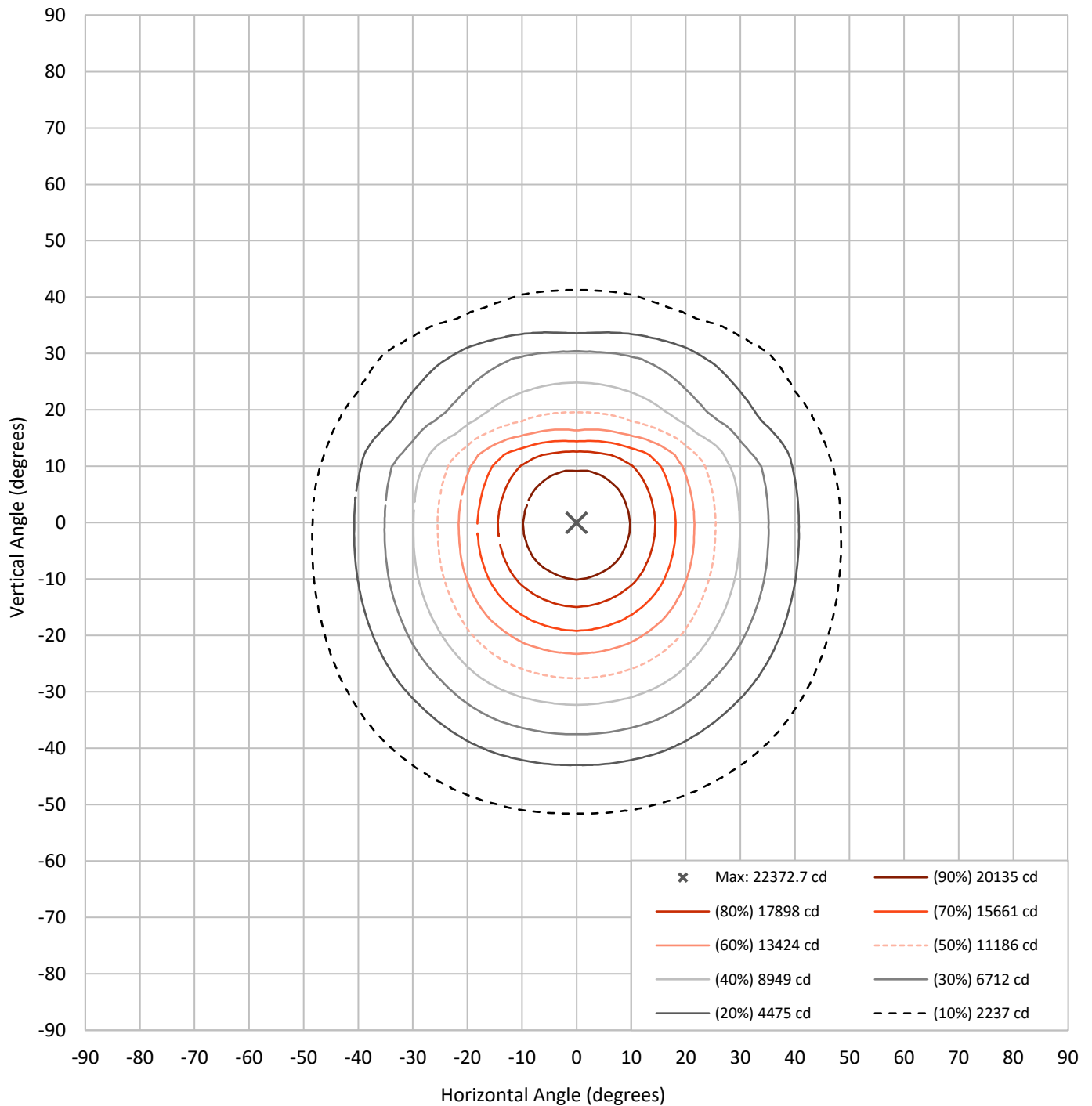
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19737.6 lumens	Max Intensity:	22372.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	9502.7 lumens	Field Lumens:	17671.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	160.2		
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

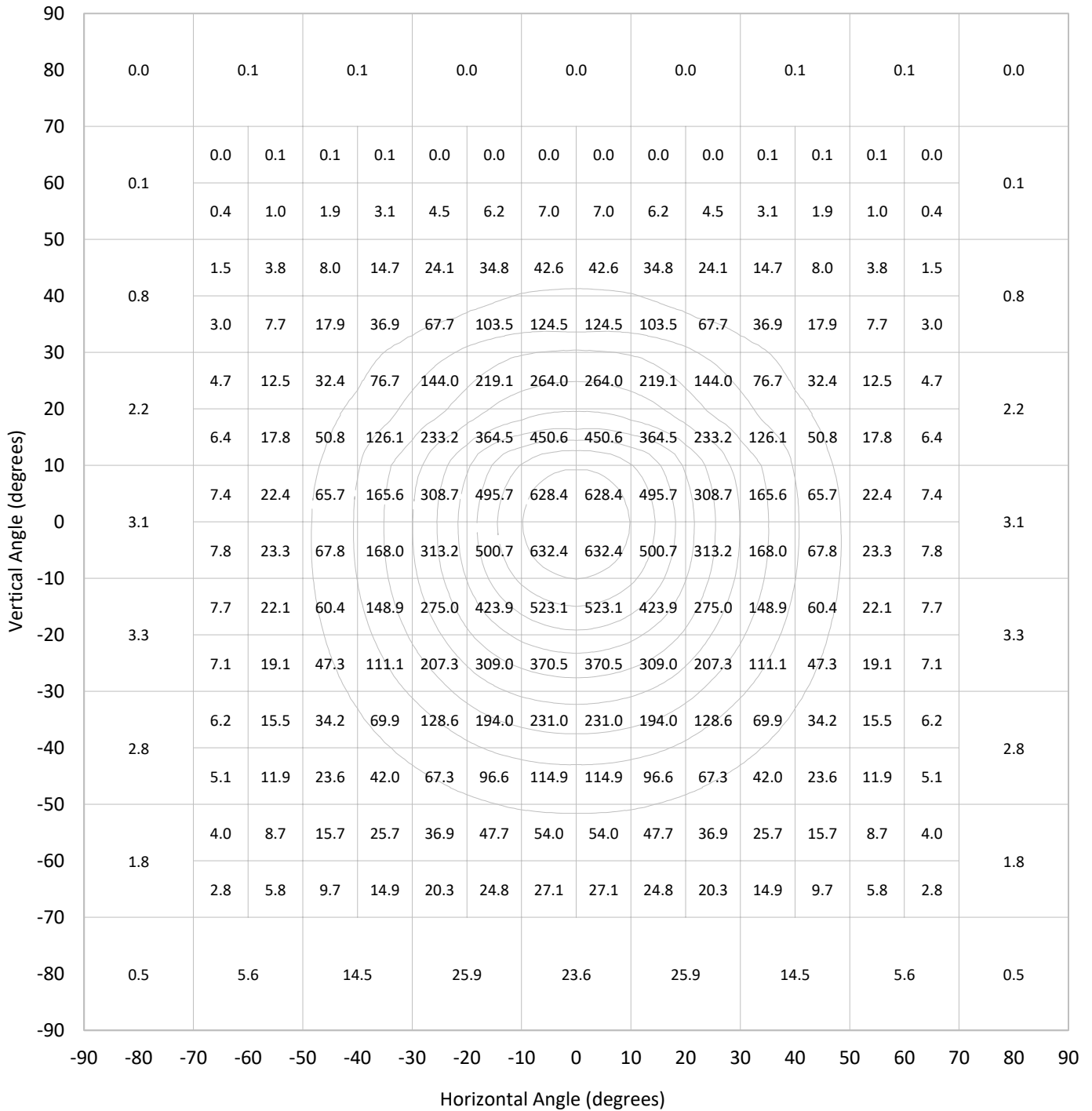




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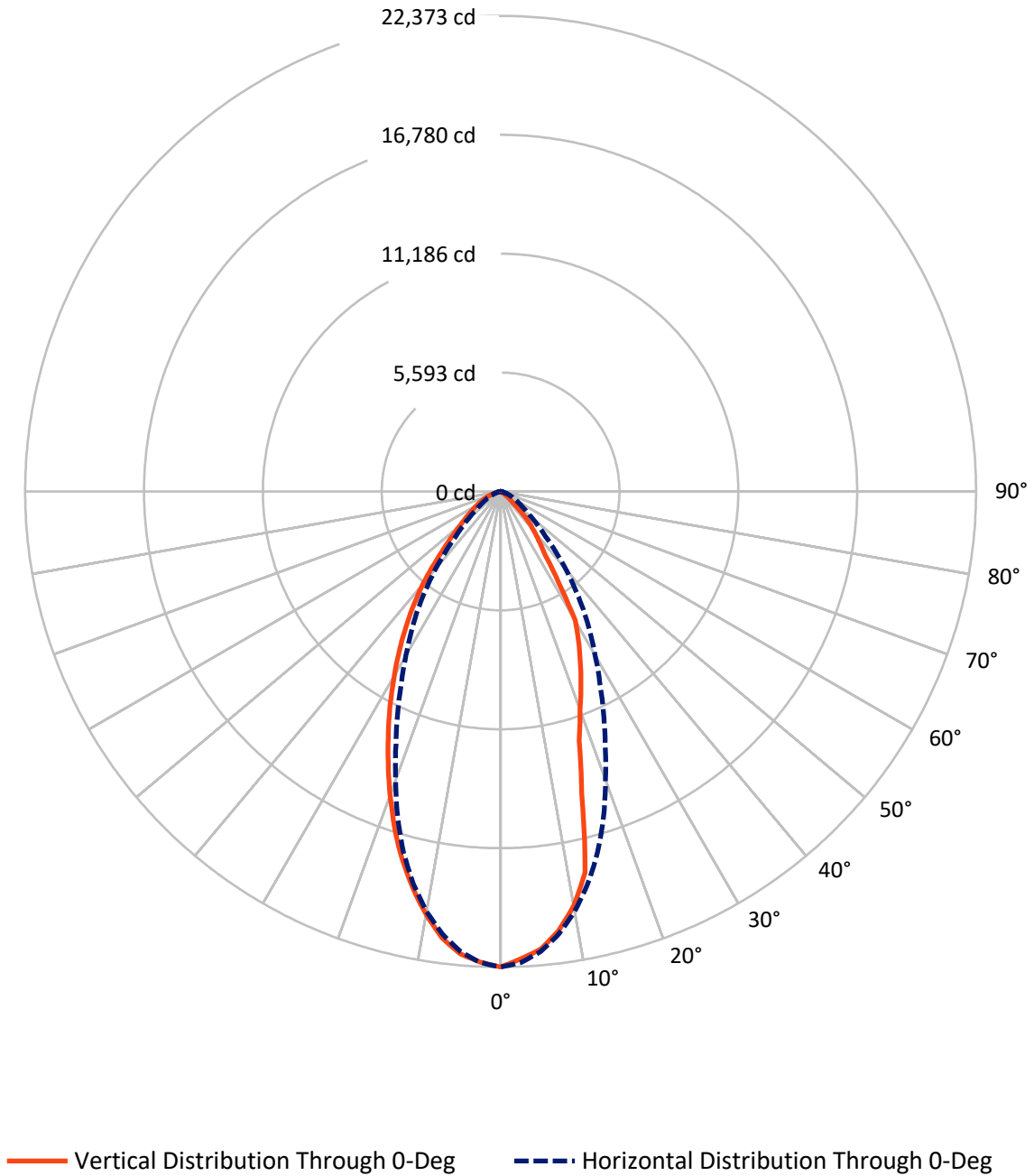
CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

Lumen Table



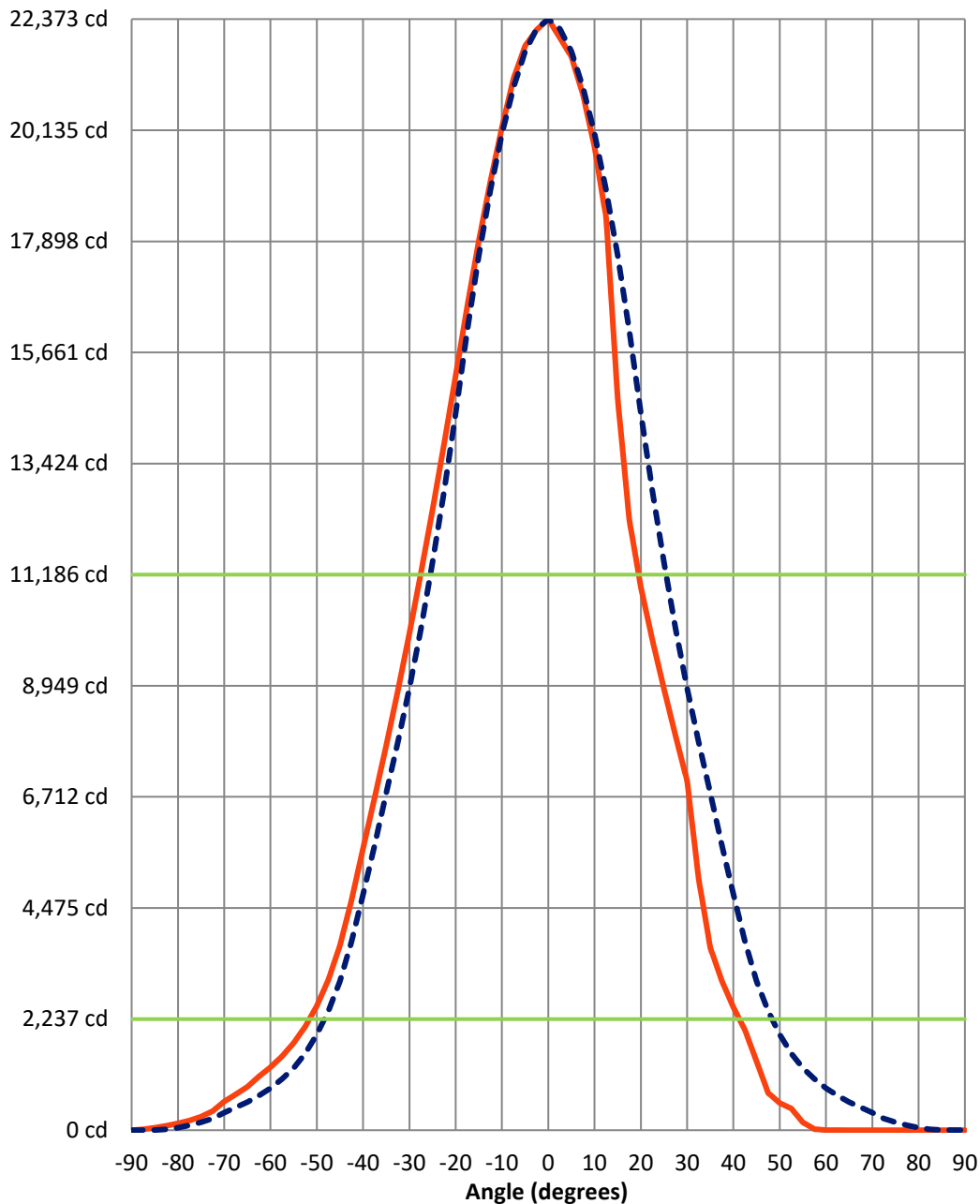
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 9502.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 17671.8
 Efficiency: 89.5%

Spill:
 Lumens: 2065.7
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.6	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.2	2.2	3.0	4.3	6.7
60°	0.0	0.8	1.6	1.6	1.6	2.6	2.5	3.0	3.9	10.6	11.5
57.5°	0.0	0.9	1.6	1.6	2.0	3.0	4.3	4.1	10.4	17.8	19.6
55°	0.0	0.9	1.6	1.6	2.5	3.5	6.6	6.1	19.1	26.9	30.4
52.5°	0.0	1.0	1.7	1.6	3.0	4.4	9.2	15.0	28.6	39.9	43.0
50°	0.0	1.0	1.7	1.6	3.6	7.2	12.2	24.9	39.9	54.3	65.7
47.5°	0.0	1.1	1.7	1.7	4.1	10.2	16.3	34.8	54.8	70.2	89.1
45°	0.0	1.1	1.8	2.1	4.7	13.3	24.9	44.8	69.7	90.9	112.2
42.5°	0.0	1.2	1.8	2.6	5.3	16.6	33.5	56.6	84.6	111.4	137.9
40°	0.0	1.2	1.9	3.2	7.0	20.1	42.1	69.5	100.1	131.4	164.7
37.5°	0.0	1.3	2.0	3.8	9.7	23.8	50.6	82.3	116.8	151.9	192.1
35°	0.0	1.3	2.0	4.6	12.5	29.6	59.1	94.8	133.7	176.5	221.9
32.5°	0.0	1.3	2.1	5.4	15.3	36.2	68.0	107.2	150.5	201.7	255.5
30°	0.0	1.4	2.2	6.3	18.1	42.7	78.0	119.7	167.4	227.4	289.3
27.5°	0.0	1.4	2.3	7.2	21.3	49.0	87.6	133.4	185.9	253.6	323.2
25°	0.0	1.5	2.3	8.1	24.6	55.1	97.0	146.9	207.2	281.5	357.1
22.5°	0.0	1.5	2.4	9.1	27.7	61.0	105.9	160.0	228.3	309.7	391.5
20°	0.0	1.5	2.5	10.1	30.7	66.8	114.4	172.6	249.1	337.2	424.3
17.5°	0.0	1.5	2.6	11.1	33.6	72.2	122.4	184.7	269.3	364.0	455.3
15°	0.0	1.5	2.7	12.1	36.4	77.2	129.6	195.5	288.8	389.8	484.6
12.5°	0.0	1.6	2.8	13.1	39.1	81.9	136.3	204.6	305.0	414.5	512.0
10°	0.0	1.6	2.9	14.1	41.5	86.2	142.3	212.6	318.0	429.0	533.6
7.5°	0.0	1.6	3.0	15.1	43.8	90.1	147.7	219.7	329.3	440.1	544.8
5°	0.0	1.6	3.0	16.0	45.9	93.6	152.4	225.8	339.1	448.9	553.9
2.5°	0.0	1.6	3.1	16.8	47.8	96.6	156.4	230.9	347.0	455.6	560.9
0°	0.0	1.6	3.2	17.6	49.5	99.1	159.8	234.9	353.2	460.2	565.7
-2.5°	0.0	1.7	3.7	18.7	51.8	102.2	164.2	241.7	360.1	466.9	573.2
-5°	0.0	1.8	4.2	19.7	53.8	104.8	167.8	247.3	365.1	471.6	578.5
-7.5°	0.0	1.9	4.6	20.7	55.5	106.9	170.6	251.8	368.3	474.6	581.7
-10°	0.0	2.0	5.1	21.5	56.9	108.5	172.7	255.0	369.7	475.8	582.7
-12.5°	0.0	2.1	5.5	22.2	57.9	109.6	173.9	256.8	369.3	475.1	580.0
-15°	0.0	2.1	5.9	22.7	58.6	110.1	174.2	257.2	366.6	470.9	574.3
-17.5°	0.0	2.2	6.2	23.2	59.0	110.0	173.7	256.7	361.8	465.3	566.5
-20°	0.0	2.3	6.6	23.5	58.9	109.4	173.2	255.5	355.9	458.3	556.6



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	6.9	23.6	58.4	108.2	173.3	253.1	348.9	450.0	544.5
-25°	0.0	2.4	7.1	23.6	57.5	107.8	172.5	249.8	340.9	440.4	530.3
-27.5°	0.0	2.4	7.3	23.4	56.2	107.3	170.9	245.3	332.0	429.3	517.2
-30°	0.0	2.4	7.5	23.1	54.6	106.2	168.3	239.9	324.2	416.8	503.1
-32.5°	0.0	2.4	7.6	22.6	53.9	104.4	164.9	235.4	316.4	403.8	488.0
-35°	0.0	2.4	7.7	21.9	52.8	101.9	161.7	230.4	307.7	390.3	472.0
-37.5°	0.0	2.4	7.8	21.1	51.2	99.1	158.1	224.5	297.9	376.5	453.2
-40°	0.0	2.4	7.7	20.1	49.2	96.7	153.5	217.6	287.1	363.6	433.1
-42.5°	0.0	2.4	7.7	19.2	47.7	93.7	148.1	209.6	277.1	346.9	411.6
-45°	0.0	2.3	7.5	18.5	46.8	90.1	141.8	201.4	266.9	329.0	389.4
-47.5°	0.0	2.3	7.4	17.5	45.3	85.8	134.6	192.9	255.4	310.4	368.7
-50°	0.0	2.2	7.1	17.1	43.4	81.0	128.4	183.4	240.4	293.5	347.5
-52.5°	0.0	2.1	6.9	16.9	41.1	75.5	121.6	172.9	225.5	275.9	325.9
-55°	0.0	2.0	6.5	16.4	38.2	71.1	114.1	161.6	210.1	257.5	305.6
-57.5°	0.0	1.9	6.2	15.8	34.9	66.3	105.9	151.6	193.9	238.9	284.5
-60°	0.0	1.8	5.8	14.9	31.3	60.8	97.1	139.5	177.3	219.7	262.8
-62.5°	0.0	1.7	5.4	13.9	29.1	54.6	88.6	126.1	160.8	199.7	240.4
-65°	0.0	1.6	5.0	12.6	26.6	47.9	79.3	112.1	143.3	178.7	217.2
-67.5°	0.0	1.5	4.6	11.2	23.8	42.0	69.1	97.9	124.9	156.4	191.4
-70°	0.0	1.3	4.2	9.7	20.7	36.8	58.3	83.3	107.4	133.1	163.7
-72.5°	0.0	1.2	3.7	8.6	17.4	31.2	49.5	68.1	89.4	111.9	135.7
-75°	0.0	1.0	3.2	7.5	13.8	25.3	40.7	55.5	70.9	90.3	110.7
-77.5°	0.0	0.9	2.7	6.3	11.4	19.1	31.4	43.7	56.3	69.6	85.2
-80°	0.0	0.7	2.2	5.1	9.3	14.6	21.7	31.5	41.9	52.8	64.2
-82.5°	0.0	0.5	1.7	3.9	7.0	11.0	16.0	21.1	27.3	35.7	44.4
-85°	0.0	0.3	1.1	2.6	4.7	7.4	10.7	14.1	18.0	22.3	26.9
-87.5°	0.0	0.2	0.6	1.3	2.4	3.7	5.4	7.1	9.0	11.2	13.5
-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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 CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.4	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.3	2.9	3.6	5.6	4.2	1.6	3.1	3.6	2.5	2.0	2.2
60°	7.0	4.8	12.3	17.0	11.1	5.9	7.3	14.5	12.0	3.3	8.5
57.5°	14.1	17.4	30.9	32.5	25.0	16.9	37.0	41.0	34.0	21.4	30.8
55°	29.4	41.3	52.2	51.6	51.9	65.3	76.7	75.3	66.4	91.6	115.4
52.5°	55.6	68.0	75.3	82.0	100.7	113.1	116.6	123.6	149.7	180.9	186.5
50°	81.7	94.4	104.0	128.3	147.4	157.2	166.3	190.1	229.5	250.9	254.3
47.5°	108.0	122.3	147.4	174.0	192.4	207.2	223.0	277.2	321.2	339.4	346.0
45°	135.5	160.1	191.5	218.8	240.2	260.2	311.6	385.6	416.6	444.5	515.5
42.5°	164.0	201.1	236.4	265.1	289.2	331.1	402.6	474.3	518.6	578.0	663.8
40°	200.4	242.0	282.9	312.0	342.1	405.6	494.2	570.1	617.0	696.7	794.4
37.5°	237.4	286.0	330.2	360.9	403.2	489.1	593.3	684.1	742.2	807.1	964.2
35°	273.9	330.9	376.2	417.3	469.6	588.1	716.4	817.6	889.4	1000.4	1199.3
32.5°	312.8	376.5	422.9	478.9	564.9	697.4	854.9	967.2	1086.3	1246.1	1564.7
30°	354.3	419.3	472.6	539.9	655.2	809.9	992.7	1133.8	1295.4	1555.1	1898.5
27.5°	395.7	461.9	527.5	613.2	739.8	906.9	1097.8	1320.3	1529.2	1819.5	2194.9
25°	435.4	505.4	581.4	684.9	821.9	996.8	1205.2	1461.8	1734.5	2066.6	2507.3
22.5°	473.4	549.5	638.5	749.7	891.1	1082.1	1330.6	1632.1	1959.8	2303.7	2810.2
20°	510.6	598.7	700.9	825.4	954.9	1160.8	1453.4	1818.4	2229.1	2700.2	3196.5
17.5°	547.3	647.4	765.3	903.7	1060.6	1271.3	1579.2	2013.8	2513.6	3126.8	3737.9
15°	583.3	695.0	827.7	981.1	1167.2	1419.1	1768.8	2246.4	2850.3	3584.6	4308.4
12.5°	618.2	741.3	887.5	1056.7	1270.7	1558.2	1947.4	2462.7	3154.6	4031.9	4921.2
10°	651.7	785.7	944.3	1129.6	1369.7	1687.7	2105.4	2649.9	3384.3	4288.4	5277.4
7.5°	668.8	815.7	992.7	1199.0	1463.2	1806.5	2242.8	2808.0	3563.7	4494.7	5486.3
5°	681.0	829.5	1010.9	1226.7	1514.5	1887.3	2347.9	2937.3	3695.9	4649.8	5627.8
2.5°	690.3	839.4	1024.1	1242.3	1534.8	1914.2	2382.7	2982.4	3766.9	4730.8	5710.2
0°	696.8	845.4	1032.3	1251.3	1545.3	1927.2	2398.7	3001.1	3797.0	4749.4	5740.2
-2.5°	703.6	853.6	1040.9	1265.2	1560.0	1945.0	2416.3	3014.4	3819.6	4754.5	5756.4
-5°	707.5	858.1	1044.3	1271.9	1564.7	1948.3	2415.1	3001.8	3801.6	4717.2	5721.2
-7.5°	708.6	858.5	1042.4	1270.6	1558.7	1933.2	2389.5	2964.3	3739.6	4641.7	5634.8
-10°	706.9	854.8	1035.6	1259.0	1541.1	1901.9	2343.9	2899.4	3637.7	4517.1	5488.8
-12.5°	701.7	846.8	1023.3	1240.2	1512.9	1857.2	2279.6	2806.9	3496.2	4343.8	5283.1
-15°	693.4	834.9	1005.4	1214.2	1473.9	1799.8	2196.9	2686.7	3314.1	4123.4	5026.8
-17.5°	682.0	819.0	982.1	1180.9	1424.1	1730.0	2097.0	2546.1	3117.7	3877.5	4741.9
-20°	667.4	799.4	953.3	1140.6	1366.6	1656.5	2004.3	2421.6	2933.9	3595.9	4405.7

Classified

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Peachtree City, GA 30269

Scaled Data Report



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CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	649.8	775.9	922.8	1102.0	1315.7	1580.2	1900.6	2280.4	2727.7	3270.5	4038.7
-25°	631.6	753.5	893.1	1059.0	1257.5	1493.7	1781.9	2128.0	2533.1	3029.9	3665.1
-27.5°	613.6	727.6	858.9	1009.4	1192.3	1404.6	1670.4	1985.9	2346.9	2769.4	3286.6
-30°	593.4	698.8	821.1	957.4	1129.8	1326.9	1556.7	1826.9	2148.0	2529.8	2979.4
-32.5°	571.3	667.8	784.5	912.4	1062.9	1242.2	1441.0	1685.4	1964.7	2279.8	2668.4
-35°	549.3	641.4	747.0	864.0	991.0	1159.0	1341.6	1544.4	1781.9	2060.9	2371.7
-37.5°	528.2	612.6	706.7	815.9	935.1	1074.5	1235.8	1418.9	1623.4	1845.3	2113.9
-40°	504.6	581.5	670.5	769.4	874.8	995.7	1141.1	1296.5	1472.5	1667.8	1875.2
-42.5°	479.0	552.9	634.2	719.3	816.0	924.0	1044.7	1186.8	1333.0	1496.6	1677.6
-45°	453.9	521.8	596.2	673.9	755.2	850.7	960.2	1078.5	1208.1	1341.7	1493.7
-47.5°	427.5	489.5	558.7	626.5	698.5	779.9	872.9	980.2	1088.3	1207.2	1325.1
-50°	401.1	459.2	517.4	580.6	645.2	712.9	791.5	884.1	982.5	1081.1	1184.9
-52.5°	377.4	427.7	480.3	534.6	593.3	653.6	719.1	795.4	881.4	968.3	1057.8
-55°	353.2	399.6	443.0	491.6	542.5	596.7	655.1	719.3	784.2	863.4	940.4
-57.5°	329.6	370.7	408.5	449.9	495.2	541.3	593.9	648.4	707.4	767.2	830.2
-60°	305.8	340.8	375.1	410.9	448.9	489.9	532.2	580.2	630.7	682.7	737.3
-62.5°	281.3	309.7	339.9	372.7	406.2	437.7	473.2	512.4	554.1	598.7	644.9
-65°	253.9	277.4	302.6	331.2	362.6	388.1	415.2	444.7	479.2	515.9	552.2
-67.5°	224.6	245.4	266.0	287.2	312.7	335.5	357.9	381.3	407.0	437.1	466.2
-70°	192.0	212.8	230.9	248.5	264.7	281.0	299.9	318.4	339.2	366.1	392.6
-72.5°	158.9	178.3	195.5	210.4	221.8	231.5	243.2	256.6	276.5	301.5	324.9
-75°	128.5	144.2	160.2	174.6	181.9	184.8	187.3	194.3	214.5	240.1	262.8
-77.5°	100.1	113.7	126.8	139.3	144.5	146.5	147.5	147.5	162.3	184.2	207.2
-80°	73.7	83.2	94.3	105.0	108.1	109.1	109.2	108.6	120.7	136.5	153.3
-82.5°	51.2	58.1	65.2	72.4	73.4	72.9	71.8	70.8	80.6	91.9	103.6
-85°	29.9	32.8	37.1	41.5	42.0	41.8	41.0	39.7	45.2	51.4	57.9
-87.5°	15.0	16.4	17.8	19.3	18.8	18.0	17.0	15.9	17.4	19.0	20.6
-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: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.0	5.2	5.3	6.7	5.7	2.6	5.2	6.6	6.2	4.7	4.1
57.5°	45.9	38.4	26.9	45.0	46.3	32.3	35.0	45.7	44.3	34.2	34.1
55°	115.6	117.2	125.8	137.2	145.7	149.6	153.0	170.2	188.5	206.5	215.5
52.5°	190.9	213.2	241.0	259.4	272.3	298.6	335.4	352.3	368.8	387.4	401.0
50°	281.2	320.0	347.9	351.9	395.7	424.1	430.8	462.6	497.1	518.6	534.1
47.5°	418.3	467.4	491.6	507.2	560.4	618.9	618.9	637.2	723.7	769.0	790.8
45°	602.4	643.3	686.3	798.0	900.6	933.2	1002.9	1097.3	1158.7	1243.2	1336.0
42.5°	759.3	836.1	943.8	1066.7	1169.6	1255.3	1358.8	1472.3	1608.7	1736.9	1847.5
40°	914.5	1009.6	1142.9	1276.7	1406.3	1525.0	1691.9	1837.8	1998.7	2175.1	2322.1
37.5°	1117.0	1238.8	1376.6	1545.2	1746.9	1878.6	2108.2	2318.0	2499.3	2712.2	2843.4
35°	1428.1	1586.9	1708.8	2049.6	2295.0	2449.1	2720.9	3065.7	3198.0	3466.3	3593.5
32.5°	1819.3	2030.1	2351.1	2802.5	3130.1	3413.8	3820.2	4170.0	4468.1	4737.5	5017.8
30°	2258.7	2584.1	3057.3	3657.1	3989.8	4387.2	4936.7	5351.4	5819.0	6332.3	6512.1
27.5°	2657.5	3144.9	3694.3	4180.2	4658.1	5153.0	5692.9	6225.7	6731.8	7159.0	7445.6
25°	3027.1	3617.4	4151.4	4670.6	5188.4	5745.8	6356.4	6960.8	7517.7	7957.1	8291.2
22.5°	3408.3	4032.0	4603.3	5130.1	5732.4	6364.0	7013.5	7706.6	8340.4	8796.3	9160.3
20°	3766.7	4460.5	5112.0	5711.8	6281.2	7010.3	7758.1	8493.4	9183.5	9726.6	10146.3
17.5°	4335.7	4937.9	5734.2	6513.4	7154.9	7824.7	8824.0	9582.8	10348.7	10999.1	11444.0
15°	5034.4	5696.6	6518.9	7589.0	8467.9	9235.4	10267.7	11502.1	12405.5	13235.8	13805.3
12.5°	5733.7	6482.7	7372.1	8576.3	9827.7	10731.7	11984.1	13548.3	14600.6	15886.0	16519.7
10°	6269.7	7210.2	8126.1	9225.1	10426.9	11714.2	13064.2	14527.7	15933.6	17037.4	18024.2
7.5°	6485.4	7487.3	8547.6	9668.8	10870.6	12199.1	13638.1	15160.8	16607.7	17840.7	18925.0
5°	6646.7	7673.2	8740.5	9887.0	11171.7	12559.0	14019.5	15618.2	17095.8	18417.2	19526.6
2.5°	6749.2	7785.4	8848.1	10013.7	11364.9	12793.4	14300.7	15941.8	17441.7	18802.0	19907.9
0°	6788.5	7809.7	8897.9	10098.1	11435.7	12867.5	14440.0	16100.4	17612.1	18927.3	20065.1
-2.5°	6793.9	7787.1	8901.2	10095.4	11375.3	12820.6	14412.1	16058.6	17539.6	18849.5	19997.5
-5°	6740.6	7733.4	8848.5	10024.7	11306.3	12740.7	14263.8	15854.9	17267.4	18542.2	19647.5
-7.5°	6632.4	7622.5	8713.0	9862.2	11109.3	12500.6	13963.5	15442.8	16828.5	18051.1	19105.9
-10°	6472.0	7441.2	8494.0	9613.8	10793.7	12117.1	13512.0	14925.4	16224.9	17355.6	18331.0
-12.5°	6254.8	7201.6	8207.0	9276.0	10374.3	11636.1	12953.2	14280.4	15464.9	16497.1	17372.2
-15°	5972.7	6897.4	7870.9	8881.8	9947.0	11088.0	12270.0	13487.4	14579.8	15495.2	16294.7
-17.5°	5640.4	6537.3	7461.7	8398.9	9409.5	10480.0	11577.3	12670.1	13601.7	14415.0	15146.1
-20°	5269.8	6134.0	7012.1	7885.8	8802.7	9792.8	10806.2	11766.1	12580.3	13319.2	13988.2



REPORT NUMBER: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4854.4	5681.6	6523.2	7340.9	8167.7	9064.1	9969.2	10837.3	11598.9	12231.0	12812.3
-25°	4409.8	5174.0	5968.8	6735.4	7496.4	8299.7	9121.8	9920.5	10590.8	11139.7	11620.0
-27.5°	3961.7	4660.1	5360.3	6082.0	6785.4	7526.7	8271.0	8960.8	9562.6	10067.9	10471.6
-30°	3490.7	4115.1	4754.6	5407.5	6079.2	6757.6	7430.1	8034.1	8559.3	9003.8	9352.7
-32.5°	3099.3	3573.5	4138.2	4730.9	5360.6	5978.7	6563.7	7114.2	7609.2	7997.3	8293.1
-35°	2724.1	3125.8	3548.6	4073.3	4614.2	5183.0	5721.1	6212.5	6653.7	6992.8	7271.1
-37.5°	2401.6	2719.3	3076.8	3451.4	3904.9	4375.1	4860.8	5322.9	5716.4	6012.2	6260.8
-40°	2122.5	2373.3	2659.0	2955.9	3289.6	3627.4	4050.2	4440.3	4761.4	5037.9	5263.2
-42.5°	1870.1	2081.8	2292.7	2536.3	2788.1	3059.6	3356.3	3644.8	3891.2	4122.7	4314.0
-45°	1652.2	1821.3	1989.5	2177.6	2362.4	2583.3	2795.3	2984.4	3184.1	3357.4	3493.7
-47.5°	1461.7	1593.5	1737.7	1878.5	2026.9	2193.2	2351.0	2495.0	2641.2	2768.0	2869.6
-50°	1292.4	1401.7	1519.4	1630.0	1750.1	1871.7	1988.4	2102.9	2214.0	2310.4	2385.4
-52.5°	1144.2	1239.7	1331.4	1419.5	1515.0	1605.0	1689.5	1784.0	1870.9	1946.9	1998.2
-55°	1018.1	1096.0	1171.2	1244.8	1316.9	1385.2	1452.5	1525.9	1593.0	1653.3	1691.6
-57.5°	899.6	966.0	1029.6	1089.6	1146.9	1201.2	1257.9	1314.3	1366.0	1411.5	1441.1
-60°	791.8	846.0	901.1	950.1	996.3	1039.6	1087.3	1132.5	1174.2	1209.3	1229.8
-62.5°	693.0	741.6	782.3	821.0	860.3	899.4	933.3	966.6	998.8	1026.0	1043.8
-65°	589.8	631.0	665.5	696.7	724.8	755.1	784.0	810.2	833.4	851.1	862.3
-67.5°	497.4	527.7	555.4	580.2	605.3	629.6	651.8	671.7	689.1	701.4	709.5
-70°	417.1	440.3	462.9	485.5	507.9	526.8	542.9	557.7	571.2	576.8	579.3
-72.5°	346.6	367.1	387.1	406.9	425.6	440.3	452.2	463.1	472.9	464.5	449.7
-75°	282.7	300.7	319.4	336.9	353.3	364.6	373.4	381.5	388.9	370.6	345.5
-77.5°	230.3	246.2	260.0	273.7	287.2	294.4	300.0	305.5	310.8	290.4	264.6
-80°	170.9	183.7	195.4	206.9	218.2	222.5	225.0	226.7	227.6	210.1	189.9
-82.5°	115.5	122.1	128.5	135.2	142.1	145.7	148.4	150.5	152.0	139.6	125.6
-85°	64.7	66.7	68.3	69.6	70.7	73.0	75.1	77.1	78.9	73.1	66.6
-87.5°	22.3	22.3	22.2	22.0	21.8	21.8	21.8	21.7	21.6	20.7	19.7
-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: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.2	2.0	1.6	1.6	1.6	2.0	3.2	4.1	4.7	6.2	6.6
57.5°	31.8	27.7	24.9	22.4	24.9	27.7	31.8	34.1	34.2	44.3	45.7
55°	211.7	197.1	179.2	158.2	179.2	197.1	211.7	215.5	206.5	188.5	170.2
52.5°	415.2	429.0	437.0	436.3	437.0	429.0	415.2	401.0	387.4	368.8	352.3
50°	546.5	554.0	554.3	548.1	554.3	554.0	546.5	534.1	518.6	497.1	462.6
47.5°	800.7	790.1	772.1	752.7	772.1	790.1	800.7	790.8	769.0	723.7	637.2
45°	1397.1	1430.8	1428.6	1385.5	1428.6	1430.8	1397.1	1336.0	1243.2	1158.7	1097.3
42.5°	1909.3	1959.8	1995.4	2013.5	1995.4	1959.8	1909.3	1847.5	1736.9	1608.7	1472.3
40°	2404.9	2453.6	2475.0	2473.8	2475.0	2453.6	2404.9	2322.1	2175.1	1998.7	1837.8
37.5°	2928.6	2991.6	3022.1	3007.5	3022.1	2991.6	2928.6	2843.4	2712.2	2499.3	2318.0
35°	3648.6	3707.6	3708.7	3678.7	3708.7	3707.6	3648.6	3593.5	3466.3	3198.0	3065.7
32.5°	5240.2	5260.0	5108.4	5054.6	5108.4	5260.0	5240.2	5017.8	4737.5	4468.1	4170.0
30°	6691.0	6830.9	6961.0	7026.6	6961.0	6830.9	6691.0	6512.1	6332.3	5819.0	5351.4
27.5°	7661.6	7829.8	7934.1	7940.7	7934.1	7829.8	7661.6	7445.6	7159.0	6731.8	6225.7
25°	8544.3	8732.5	8846.3	8885.2	8846.3	8732.5	8544.3	8291.2	7957.1	7517.7	6960.8
22.5°	9469.2	9690.9	9837.9	9868.0	9837.9	9690.9	9469.2	9160.3	8796.3	8340.4	7706.6
20°	10542.2	10800.4	10941.2	10935.5	10941.2	10800.4	10542.2	10146.3	9726.6	9183.5	8493.4
17.5°	11954.9	12231.7	12353.4	12300.2	12353.4	12231.7	11954.9	11444.0	10999.1	10348.7	9582.8
15°	14390.0	14969.0	14966.7	14735.6	14966.7	14969.0	14390.0	13805.3	13235.8	12405.5	11502.1
12.5°	17393.6	17825.2	18268.0	18363.2	18268.0	17825.2	17393.6	16519.7	15886.0	14600.6	13548.3
10°	18855.2	19428.4	19806.6	19796.7	19806.6	19428.4	18855.2	18024.2	17037.4	15933.6	14527.7
7.5°	19769.7	20402.8	20861.2	20851.4	20861.2	20402.8	19769.7	18925.0	17840.7	16607.7	15160.8
5°	20475.3	21177.6	21583.6	21613.6	21583.6	21177.6	20475.3	19526.6	18417.2	17095.8	15618.2
2.5°	20841.9	21574.9	22063.1	21998.8	22063.1	21574.9	20841.9	19907.9	18802.0	17441.7	15941.8
0°	20995.2	21720.7	22176.2	22372.7	22176.2	21720.7	20995.2	20065.1	18927.3	17612.1	16100.4
-2.5°	20928.2	21634.2	22137.5	22157.0	22137.5	21634.2	20928.2	19997.5	18849.5	17539.6	16058.6
-5°	20569.7	21314.7	21651.8	21831.0	21651.8	21314.7	20569.7	19647.5	18542.2	17267.4	15854.9
-7.5°	19991.4	20549.6	20978.0	21175.8	20978.0	20549.6	19991.4	19105.9	18051.1	16828.5	15442.8
-10°	19091.3	19669.3	20031.3	20194.6	20031.3	19669.3	19091.3	18331.0	17355.6	16224.9	14925.4
-12.5°	18094.3	18619.6	18963.7	19101.5	18963.7	18619.6	18094.3	17372.2	16497.1	15464.9	14280.4
-15°	16982.0	17458.9	17775.6	17907.8	17775.6	17458.9	16982.0	16294.7	15495.2	14579.8	13487.4
-17.5°	15757.5	16175.4	16490.9	16586.2	16490.9	16175.4	15757.5	15146.1	14415.0	13601.7	12670.1
-20°	14498.4	14876.2	15136.1	15192.7	15136.1	14876.2	14498.4	13988.2	13319.2	12580.3	11766.1



REPORT NUMBER: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13229.7	13540.9	13752.0	13823.1	13752.0	13540.9	13229.7	12812.3	12231.0	11598.9	10837.3
-25°	11989.8	12258.4	12428.4	12492.0	12428.4	12258.4	11989.8	11620.0	11139.7	10590.8	9920.5
-27.5°	10797.3	11047.7	11203.9	11224.7	11203.9	11047.7	10797.3	10471.6	10067.9	9562.6	8960.8
-30°	9624.0	9830.9	9951.2	10002.2	9951.2	9830.9	9624.0	9352.7	9003.8	8559.3	8034.1
-32.5°	8527.5	8708.2	8816.3	8845.2	8816.3	8708.2	8527.5	8293.1	7997.3	7609.2	7114.2
-35°	7492.4	7659.2	7755.1	7747.4	7755.1	7659.2	7492.4	7271.1	6992.8	6653.7	6212.5
-37.5°	6466.3	6620.2	6707.2	6699.0	6707.2	6620.2	6466.3	6260.8	6012.2	5716.4	5322.9
-40°	5448.3	5581.2	5657.7	5676.3	5657.7	5581.2	5448.3	5263.2	5037.9	4761.4	4440.3
-42.5°	4473.0	4595.6	4656.9	4632.8	4656.9	4595.6	4473.0	4314.0	4122.7	3891.2	3644.8
-45°	3589.1	3652.6	3694.3	3720.3	3694.3	3652.6	3589.1	3493.7	3357.4	3184.1	2984.4
-47.5°	2944.0	2996.6	3025.0	3029.9	3025.0	2996.6	2944.0	2869.6	2768.0	2641.2	2495.0
-50°	2443.7	2488.4	2508.2	2502.5	2508.2	2488.4	2443.7	2385.4	2310.4	2214.0	2102.9
-52.5°	2035.2	2061.1	2078.6	2087.1	2078.6	2061.1	2035.2	1998.2	1946.9	1870.9	1784.0
-55°	1720.3	1740.5	1752.3	1756.3	1752.3	1740.5	1720.3	1691.6	1653.3	1593.0	1525.9
-57.5°	1465.7	1484.9	1491.9	1489.4	1491.9	1484.9	1465.7	1441.1	1411.5	1366.0	1314.3
-60°	1245.5	1256.4	1264.7	1268.9	1264.7	1256.4	1245.5	1229.8	1209.3	1174.2	1132.5
-62.5°	1058.0	1068.3	1076.9	1081.9	1076.9	1068.3	1058.0	1043.8	1026.0	998.8	966.6
-65°	870.2	874.8	876.1	874.1	876.1	874.8	870.2	862.3	851.1	833.4	810.2
-67.5°	715.5	719.3	721.9	722.3	721.9	719.3	715.5	709.5	701.4	689.1	671.7
-70°	581.7	583.3	581.4	576.9	581.4	583.3	581.7	579.3	576.8	571.2	557.7
-72.5°	434.6	418.6	402.7	385.1	402.7	418.6	434.6	449.7	464.5	472.9	463.1
-75°	319.4	292.5	282.7	273.3	282.7	292.5	319.4	345.5	370.6	388.9	381.5
-77.5°	237.6	209.5	202.0	195.0	202.0	209.5	237.6	264.6	290.4	310.8	305.5
-80°	168.8	146.9	142.1	137.4	142.1	146.9	168.8	189.9	210.1	227.6	226.7
-82.5°	110.9	95.7	92.6	89.5	92.6	95.7	110.9	125.6	139.6	152.0	150.5
-85°	59.7	52.5	51.0	49.5	51.0	52.5	59.7	66.6	73.1	78.9	77.1
-87.5°	18.6	17.5	17.6	17.6	17.6	17.5	18.6	19.7	20.7	21.6	21.7
-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: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.6
60°	5.2	2.6	5.7	6.7	5.3	5.2	9.0	8.5	3.3	12.0	14.5
57.5°	35.0	32.3	46.3	45.0	26.9	38.4	45.9	30.8	21.4	34.0	41.0
55°	153.0	149.6	145.7	137.2	125.8	117.2	115.6	115.4	91.6	66.4	75.3
52.5°	335.4	298.6	272.3	259.4	241.0	213.2	190.9	186.5	180.9	149.7	123.6
50°	430.8	424.1	395.7	351.9	347.9	320.0	281.2	254.3	250.9	229.5	190.1
47.5°	618.9	618.9	560.4	507.2	491.6	467.4	418.3	346.0	339.4	321.2	277.2
45°	1002.9	933.2	900.6	798.0	686.3	643.3	602.4	515.5	444.5	416.6	385.6
42.5°	1358.8	1255.3	1169.6	1066.7	943.8	836.1	759.3	663.8	578.0	518.6	474.3
40°	1691.9	1525.0	1406.3	1276.7	1142.9	1009.6	914.5	794.4	696.7	617.0	570.1
37.5°	2108.2	1878.6	1746.9	1545.2	1376.6	1238.8	1117.0	964.2	807.1	742.2	684.1
35°	2720.9	2449.1	2295.0	2049.6	1708.8	1586.9	1428.1	1199.3	1000.4	889.4	817.6
32.5°	3820.2	3413.8	3130.1	2802.5	2351.1	2030.1	1819.3	1564.7	1246.1	1086.3	967.2
30°	4936.7	4387.2	3989.8	3657.1	3057.3	2584.1	2258.7	1898.5	1555.1	1295.4	1133.8
27.5°	5692.9	5153.0	4658.1	4180.2	3694.3	3144.9	2657.5	2194.9	1819.5	1529.2	1320.3
25°	6356.4	5745.8	5188.4	4670.6	4151.4	3617.4	3027.1	2507.3	2066.6	1734.5	1461.8
22.5°	7013.5	6364.0	5732.4	5130.1	4603.3	4032.0	3408.3	2810.2	2303.7	1959.8	1632.1
20°	7758.1	7010.3	6281.2	5711.8	5112.0	4460.5	3766.7	3196.5	2700.2	2229.1	1818.4
17.5°	8824.0	7824.7	7154.9	6513.4	5734.2	4937.9	4335.7	3737.9	3126.8	2513.6	2013.8
15°	10267.7	9235.4	8467.9	7589.0	6518.9	5696.6	5034.4	4308.4	3584.6	2850.3	2246.4
12.5°	11984.1	10731.7	9827.7	8576.3	7372.1	6482.7	5733.7	4921.2	4031.9	3154.6	2462.7
10°	13064.2	11714.2	10426.9	9225.1	8126.1	7210.2	6269.7	5277.4	4288.4	3384.3	2649.9
7.5°	13638.1	12199.1	10870.6	9668.8	8547.6	7487.3	6485.4	5486.3	4494.7	3563.7	2808.0
5°	14019.5	12559.0	11171.7	9887.0	8740.5	7673.2	6646.7	5627.8	4649.8	3695.9	2937.3
2.5°	14300.7	12793.4	11364.9	10013.7	8848.1	7785.4	6749.2	5710.2	4730.8	3766.9	2982.4
0°	14440.0	12867.5	11435.7	10098.1	8897.9	7809.7	6788.5	5740.2	4749.4	3797.0	3001.1
-2.5°	14412.1	12820.6	11375.3	10095.4	8901.2	7787.1	6793.9	5756.4	4754.5	3819.6	3014.4
-5°	14263.8	12740.7	11306.3	10024.7	8848.5	7733.4	6740.6	5721.2	4717.2	3801.6	3001.8
-7.5°	13963.5	12500.6	11109.3	9862.2	8713.0	7622.5	6632.4	5634.8	4641.7	3739.6	2964.3
-10°	13512.0	12117.1	10793.7	9613.8	8494.0	7441.2	6472.0	5488.8	4517.1	3637.7	2899.4
-12.5°	12953.2	11636.1	10374.3	9276.0	8207.0	7201.6	6254.8	5283.1	4343.8	3496.2	2806.9
-15°	12270.0	11088.0	9947.0	8881.8	7870.9	6897.4	5972.7	5026.8	4123.4	3314.1	2686.7
-17.5°	11577.3	10480.0	9409.5	8398.9	7461.7	6537.3	5640.4	4741.9	3877.5	3117.7	2546.1
-20°	10806.2	9792.8	8802.7	7885.8	7012.1	6134.0	5269.8	4405.7	3595.9	2933.9	2421.6



REPORT NUMBER: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9969.2	9064.1	8167.7	7340.9	6523.2	5681.6	4854.4	4038.7	3270.5	2727.7	2280.4
-25°	9121.8	8299.7	7496.4	6735.4	5968.8	5174.0	4409.8	3665.1	3029.9	2533.1	2128.0
-27.5°	8271.0	7526.7	6785.4	6082.0	5360.3	4660.1	3961.7	3286.6	2769.4	2346.9	1985.9
-30°	7430.1	6757.6	6079.2	5407.5	4754.6	4115.1	3490.7	2979.4	2529.8	2148.0	1826.9
-32.5°	6563.7	5978.7	5360.6	4730.9	4138.2	3573.5	3099.3	2668.4	2279.8	1964.7	1685.4
-35°	5721.1	5183.0	4614.2	4073.3	3548.6	3125.8	2724.1	2371.7	2060.9	1781.9	1544.4
-37.5°	4860.8	4375.1	3904.9	3451.4	3076.8	2719.3	2401.6	2113.9	1845.3	1623.4	1418.9
-40°	4050.2	3627.4	3289.6	2955.9	2659.0	2373.3	2122.5	1875.2	1667.8	1472.5	1296.5
-42.5°	3356.3	3059.6	2788.1	2536.3	2292.7	2081.8	1870.1	1677.6	1496.6	1333.0	1186.8
-45°	2795.3	2583.3	2362.4	2177.6	1989.5	1821.3	1652.2	1493.7	1341.7	1208.1	1078.5
-47.5°	2351.0	2193.2	2026.9	1878.5	1737.7	1593.5	1461.7	1325.1	1207.2	1088.3	980.2
-50°	1988.4	1871.7	1750.1	1630.0	1519.4	1401.7	1292.4	1184.9	1081.1	982.5	884.1
-52.5°	1689.5	1605.0	1515.0	1419.5	1331.4	1239.7	1144.2	1057.8	968.3	881.4	795.4
-55°	1452.5	1385.2	1316.9	1244.8	1171.2	1096.0	1018.1	940.4	863.4	784.2	719.3
-57.5°	1257.9	1201.2	1146.9	1089.6	1029.6	966.0	899.6	830.2	767.2	707.4	648.4
-60°	1087.3	1039.6	996.3	950.1	901.1	846.0	791.8	737.3	682.7	630.7	580.2
-62.5°	933.3	899.4	860.3	821.0	782.3	741.6	693.0	644.9	598.7	554.1	512.4
-65°	784.0	755.1	724.8	696.7	665.5	631.0	589.8	552.2	515.9	479.2	444.7
-67.5°	651.8	629.6	605.3	580.2	555.4	527.7	497.4	466.2	437.1	407.0	381.3
-70°	542.9	526.8	507.9	485.5	462.9	440.3	417.1	392.6	366.1	339.2	318.4
-72.5°	452.2	440.3	425.6	406.9	387.1	367.1	346.6	324.9	301.5	276.5	256.6
-75°	373.4	364.6	353.3	336.9	319.4	300.7	282.7	262.8	240.1	214.5	194.3
-77.5°	300.0	294.4	287.2	273.7	260.0	246.2	230.3	207.2	184.2	162.3	147.5
-80°	225.0	222.5	218.2	206.9	195.4	183.7	170.9	153.3	136.5	120.7	108.6
-82.5°	148.4	145.7	142.1	135.2	128.5	122.1	115.5	103.6	91.9	80.6	70.8
-85°	75.1	73.0	70.7	69.6	68.3	66.7	64.7	57.9	51.4	45.2	39.7
-87.5°	21.8	21.8	21.8	22.0	22.2	22.3	22.3	20.6	19.0	17.4	15.9
-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: P627242 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-VSR-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.4	2.2	1.6	1.6	3.1	2.6	2.3	1.6
62.5°	3.1	1.6	4.2	5.6	3.6	2.9	2.3	6.7	4.3	3.0	2.2
60°	7.3	5.9	11.1	17.0	12.3	4.8	7.0	11.5	10.6	3.9	3.0
57.5°	37.0	16.9	25.0	32.5	30.9	17.4	14.1	19.6	17.8	10.4	4.1
55°	76.7	65.3	51.9	51.6	52.2	41.3	29.4	30.4	26.9	19.1	6.1
52.5°	116.6	113.1	100.7	82.0	75.3	68.0	55.6	43.0	39.9	28.6	15.0
50°	166.3	157.2	147.4	128.3	104.0	94.4	81.7	65.7	54.3	39.9	24.9
47.5°	223.0	207.2	192.4	174.0	147.4	122.3	108.0	89.1	70.2	54.8	34.8
45°	311.6	260.2	240.2	218.8	191.5	160.1	135.5	112.2	90.9	69.7	44.8
42.5°	402.6	331.1	289.2	265.1	236.4	201.1	164.0	137.9	111.4	84.6	56.6
40°	494.2	405.6	342.1	312.0	282.9	242.0	200.4	164.7	131.4	100.1	69.5
37.5°	593.3	489.1	403.2	360.9	330.2	286.0	237.4	192.1	151.9	116.8	82.3
35°	716.4	588.1	469.6	417.3	376.2	330.9	273.9	221.9	176.5	133.7	94.8
32.5°	854.9	697.4	564.9	478.9	422.9	376.5	312.8	255.5	201.7	150.5	107.2
30°	992.7	809.9	655.2	539.9	472.6	419.3	354.3	289.3	227.4	167.4	119.7
27.5°	1097.8	906.9	739.8	613.2	527.5	461.9	395.7	323.2	253.6	185.9	133.4
25°	1205.2	996.8	821.9	684.9	581.4	505.4	435.4	357.1	281.5	207.2	146.9
22.5°	1330.6	1082.1	891.1	749.7	638.5	549.5	473.4	391.5	309.7	228.3	160.0
20°	1453.4	1160.8	954.9	825.4	700.9	598.7	510.6	424.3	337.2	249.1	172.6
17.5°	1579.2	1271.3	1060.6	903.7	765.3	647.4	547.3	455.3	364.0	269.3	184.7
15°	1768.8	1419.1	1167.2	981.1	827.7	695.0	583.3	484.6	389.8	288.8	195.5
12.5°	1947.4	1558.2	1270.7	1056.7	887.5	741.3	618.2	512.0	414.5	305.0	204.6
10°	2105.4	1687.7	1369.7	1129.6	944.3	785.7	651.7	533.6	429.0	318.0	212.6
7.5°	2242.8	1806.5	1463.2	1199.0	992.7	815.7	668.8	544.8	440.1	329.3	219.7
5°	2347.9	1887.3	1514.5	1226.7	1010.9	829.5	681.0	553.9	448.9	339.1	225.8
2.5°	2382.7	1914.2	1534.8	1242.3	1024.1	839.4	690.3	560.9	455.6	347.0	230.9
0°	2398.7	1927.2	1545.3	1251.3	1032.3	845.4	696.8	565.7	460.2	353.2	234.9
-2.5°	2416.3	1945.0	1560.0	1265.2	1040.9	853.6	703.6	573.2	466.9	360.1	241.7
-5°	2415.1	1948.3	1564.7	1271.9	1044.3	858.1	707.5	578.5	471.6	365.1	247.3
-7.5°	2389.5	1933.2	1558.7	1270.6	1042.4	858.5	708.6	581.7	474.6	368.3	251.8
-10°	2343.9	1901.9	1541.1	1259.0	1035.6	854.8	706.9	582.7	475.8	369.7	255.0
-12.5°	2279.6	1857.2	1512.9	1240.2	1023.3	846.8	701.7	580.0	475.1	369.3	256.8
-15°	2196.9	1799.8	1473.9	1214.2	1005.4	834.9	693.4	574.3	470.9	366.6	257.2
-17.5°	2097.0	1730.0	1424.1	1180.9	982.1	819.0	682.0	566.5	465.3	361.8	256.7
-20°	2004.3	1656.5	1366.6	1140.6	953.3	799.4	667.4	556.6	458.3	355.9	255.5



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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°	1900.6	1580.2	1315.7	1102.0	922.8	775.9	649.8	544.5	450.0	348.9	253.1
-25°	1781.9	1493.7	1257.5	1059.0	893.1	753.5	631.6	530.3	440.4	340.9	249.8
-27.5°	1670.4	1404.6	1192.3	1009.4	858.9	727.6	613.6	517.2	429.3	332.0	245.3
-30°	1556.7	1326.9	1129.8	957.4	821.1	698.8	593.4	503.1	416.8	324.2	239.9
-32.5°	1441.0	1242.2	1062.9	912.4	784.5	667.8	571.3	488.0	403.8	316.4	235.4
-35°	1341.6	1159.0	991.0	864.0	747.0	641.4	549.3	472.0	390.3	307.7	230.4
-37.5°	1235.8	1074.5	935.1	815.9	706.7	612.6	528.2	453.2	376.5	297.9	224.5
-40°	1141.1	995.7	874.8	769.4	670.5	581.5	504.6	433.1	363.6	287.1	217.6
-42.5°	1044.7	924.0	816.0	719.3	634.2	552.9	479.0	411.6	346.9	277.1	209.6
-45°	960.2	850.7	755.2	673.9	596.2	521.8	453.9	389.4	329.0	266.9	201.4
-47.5°	872.9	779.9	698.5	626.5	558.7	489.5	427.5	368.7	310.4	255.4	192.9
-50°	791.5	712.9	645.2	580.6	517.4	459.2	401.1	347.5	293.5	240.4	183.4
-52.5°	719.1	653.6	593.3	534.6	480.3	427.7	377.4	325.9	275.9	225.5	172.9
-55°	655.1	596.7	542.5	491.6	443.0	399.6	353.2	305.6	257.5	210.1	161.6
-57.5°	593.9	541.3	495.2	449.9	408.5	370.7	329.6	284.5	238.9	193.9	151.6
-60°	532.2	489.9	448.9	410.9	375.1	340.8	305.8	262.8	219.7	177.3	139.5
-62.5°	473.2	437.7	406.2	372.7	339.9	309.7	281.3	240.4	199.7	160.8	126.1
-65°	415.2	388.1	362.6	331.2	302.6	277.4	253.9	217.2	178.7	143.3	112.1
-67.5°	357.9	335.5	312.7	287.2	266.0	245.4	224.6	191.4	156.4	124.9	97.9
-70°	299.9	281.0	264.7	248.5	230.9	212.8	192.0	163.7	133.1	107.4	83.3
-72.5°	243.2	231.5	221.8	210.4	195.5	178.3	158.9	135.7	111.9	89.4	68.1
-75°	187.3	184.8	181.9	174.6	160.2	144.2	128.5	110.7	90.3	70.9	55.5
-77.5°	147.5	146.5	144.5	139.3	126.8	113.7	100.1	85.2	69.6	56.3	43.7
-80°	109.2	109.1	108.1	105.0	94.3	83.2	73.7	64.2	52.8	41.9	31.5
-82.5°	71.8	72.9	73.4	72.4	65.2	58.1	51.2	44.4	35.7	27.3	21.1
-85°	41.0	41.8	42.0	41.5	37.1	32.8	29.9	26.9	22.3	18.0	14.1
-87.5°	17.0	18.0	18.8	19.3	17.8	16.4	15.0	13.5	11.2	9.0	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.1	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.6	1.6	1.6	1.6	0.8	0.0
57.5°	4.3	3.0	2.0	1.6	1.6	0.9	0.0
55°	6.6	3.5	2.5	1.6	1.6	0.9	0.0
52.5°	9.2	4.4	3.0	1.6	1.7	1.0	0.0
50°	12.2	7.2	3.6	1.6	1.7	1.0	0.0
47.5°	16.3	10.2	4.1	1.7	1.7	1.1	0.0
45°	24.9	13.3	4.7	2.1	1.8	1.1	0.0
42.5°	33.5	16.6	5.3	2.6	1.8	1.2	0.0
40°	42.1	20.1	7.0	3.2	1.9	1.2	0.0
37.5°	50.6	23.8	9.7	3.8	2.0	1.3	0.0
35°	59.1	29.6	12.5	4.6	2.0	1.3	0.0
32.5°	68.0	36.2	15.3	5.4	2.1	1.3	0.0
30°	78.0	42.7	18.1	6.3	2.2	1.4	0.0
27.5°	87.6	49.0	21.3	7.2	2.3	1.4	0.0
25°	97.0	55.1	24.6	8.1	2.3	1.5	0.0
22.5°	105.9	61.0	27.7	9.1	2.4	1.5	0.0
20°	114.4	66.8	30.7	10.1	2.5	1.5	0.0
17.5°	122.4	72.2	33.6	11.1	2.6	1.5	0.0
15°	129.6	77.2	36.4	12.1	2.7	1.5	0.0
12.5°	136.3	81.9	39.1	13.1	2.8	1.6	0.0
10°	142.3	86.2	41.5	14.1	2.9	1.6	0.0
7.5°	147.7	90.1	43.8	15.1	3.0	1.6	0.0
5°	152.4	93.6	45.9	16.0	3.0	1.6	0.0
2.5°	156.4	96.6	47.8	16.8	3.1	1.6	0.0
0°	159.8	99.1	49.5	17.6	3.2	1.6	0.0
-2.5°	164.2	102.2	51.8	18.7	3.7	1.7	0.0
-5°	167.8	104.8	53.8	19.7	4.2	1.8	0.0
-7.5°	170.6	106.9	55.5	20.7	4.6	1.9	0.0
-10°	172.7	108.5	56.9	21.5	5.1	2.0	0.0
-12.5°	173.9	109.6	57.9	22.2	5.5	2.1	0.0
-15°	174.2	110.1	58.6	22.7	5.9	2.1	0.0
-17.5°	173.7	110.0	59.0	23.2	6.2	2.2	0.0
-20°	173.2	109.4	58.9	23.5	6.6	2.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	173.3	108.2	58.4	23.6	6.9	2.3	0.0
-25°	172.5	107.8	57.5	23.6	7.1	2.4	0.0
-27.5°	170.9	107.3	56.2	23.4	7.3	2.4	0.0
-30°	168.3	106.2	54.6	23.1	7.5	2.4	0.0
-32.5°	164.9	104.4	53.9	22.6	7.6	2.4	0.0
-35°	161.7	101.9	52.8	21.9	7.7	2.4	0.0
-37.5°	158.1	99.1	51.2	21.1	7.8	2.4	0.0
-40°	153.5	96.7	49.2	20.1	7.7	2.4	0.0
-42.5°	148.1	93.7	47.7	19.2	7.7	2.4	0.0
-45°	141.8	90.1	46.8	18.5	7.5	2.3	0.0
-47.5°	134.6	85.8	45.3	17.5	7.4	2.3	0.0
-50°	128.4	81.0	43.4	17.1	7.1	2.2	0.0
-52.5°	121.6	75.5	41.1	16.9	6.9	2.1	0.0
-55°	114.1	71.1	38.2	16.4	6.5	2.0	0.0
-57.5°	105.9	66.3	34.9	15.8	6.2	1.9	0.0
-60°	97.1	60.8	31.3	14.9	5.8	1.8	0.0
-62.5°	88.6	54.6	29.1	13.9	5.4	1.7	0.0
-65°	79.3	47.9	26.6	12.6	5.0	1.6	0.0
-67.5°	69.1	42.0	23.8	11.2	4.6	1.5	0.0
-70°	58.3	36.8	20.7	9.7	4.2	1.3	0.0
-72.5°	49.5	31.2	17.4	8.6	3.7	1.2	0.0
-75°	40.7	25.3	13.8	7.5	3.2	1.0	0.0
-77.5°	31.4	19.1	11.4	6.3	2.7	0.9	0.0
-80°	21.7	14.6	9.3	5.1	2.2	0.7	0.0
-82.5°	16.0	11.0	7.0	3.9	1.7	0.5	0.0
-85°	10.7	7.4	4.7	2.6	1.1	0.3	0.0
-87.5°	5.4	3.7	2.4	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)