

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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627612 (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-SA5C-722-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

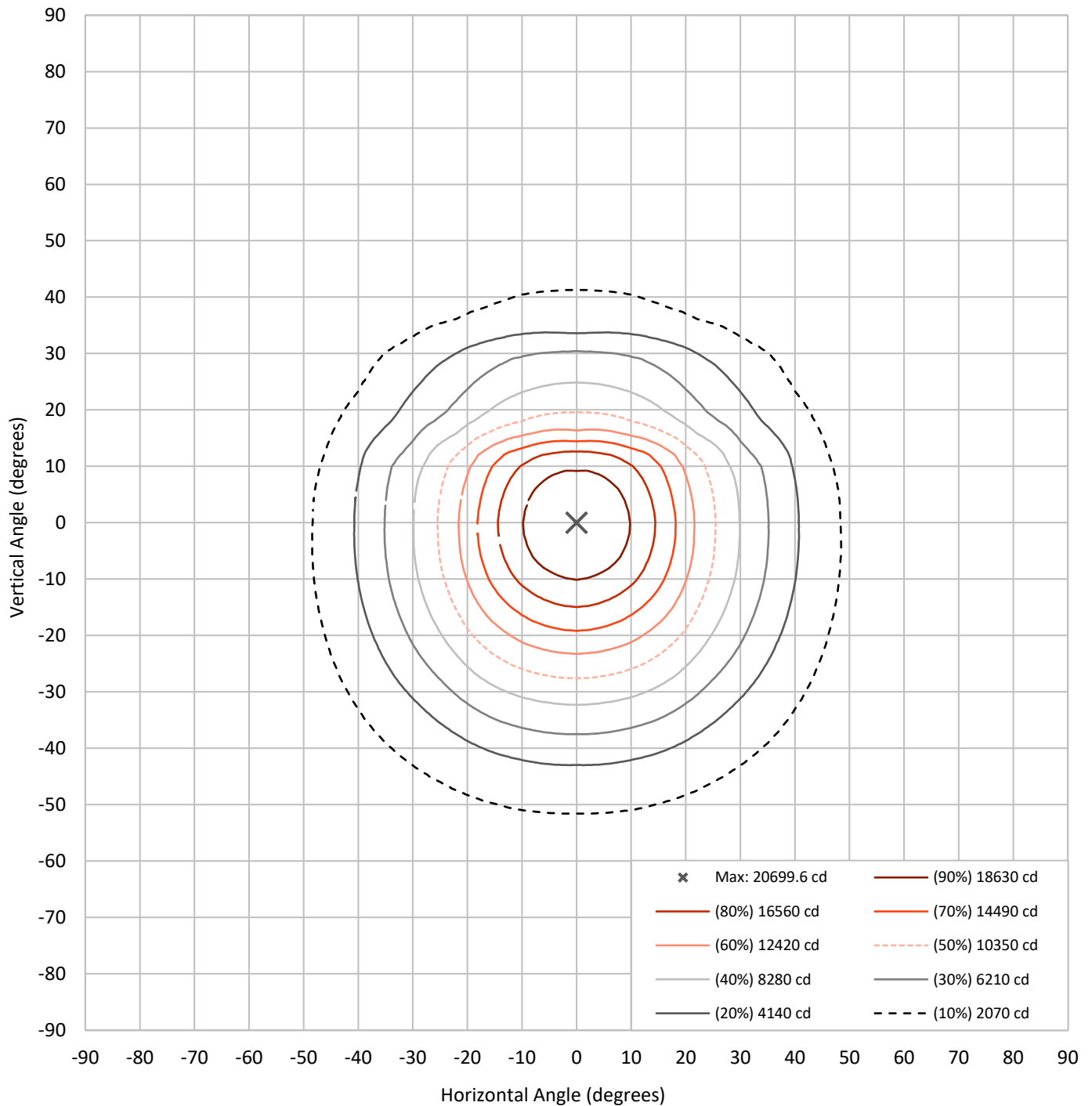
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18261.6 lumens	Max Intensity:	20699.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	8792.1 lumens	Field Lumens:	16350.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	206.1		
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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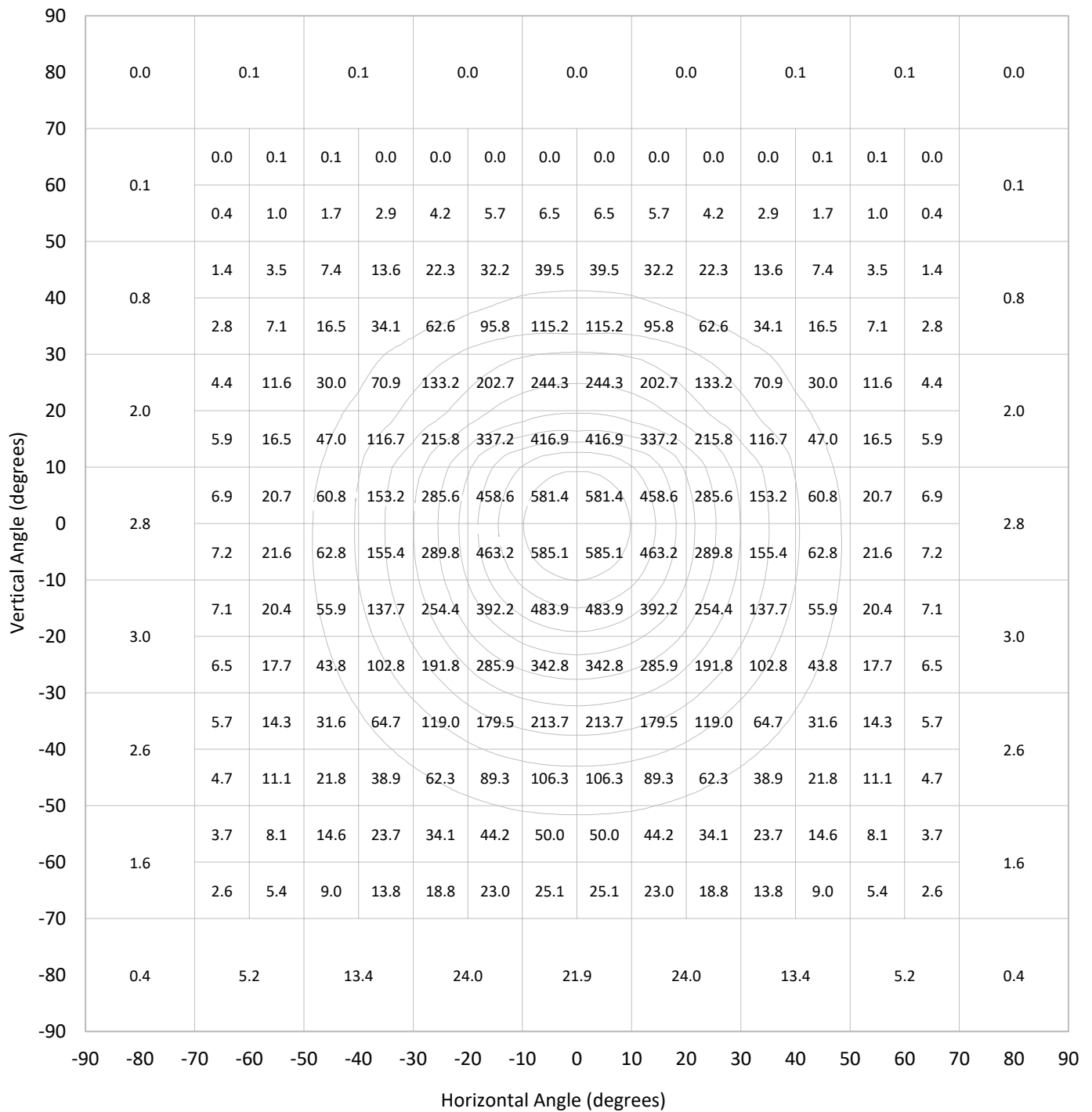
Iso-Candela Plot





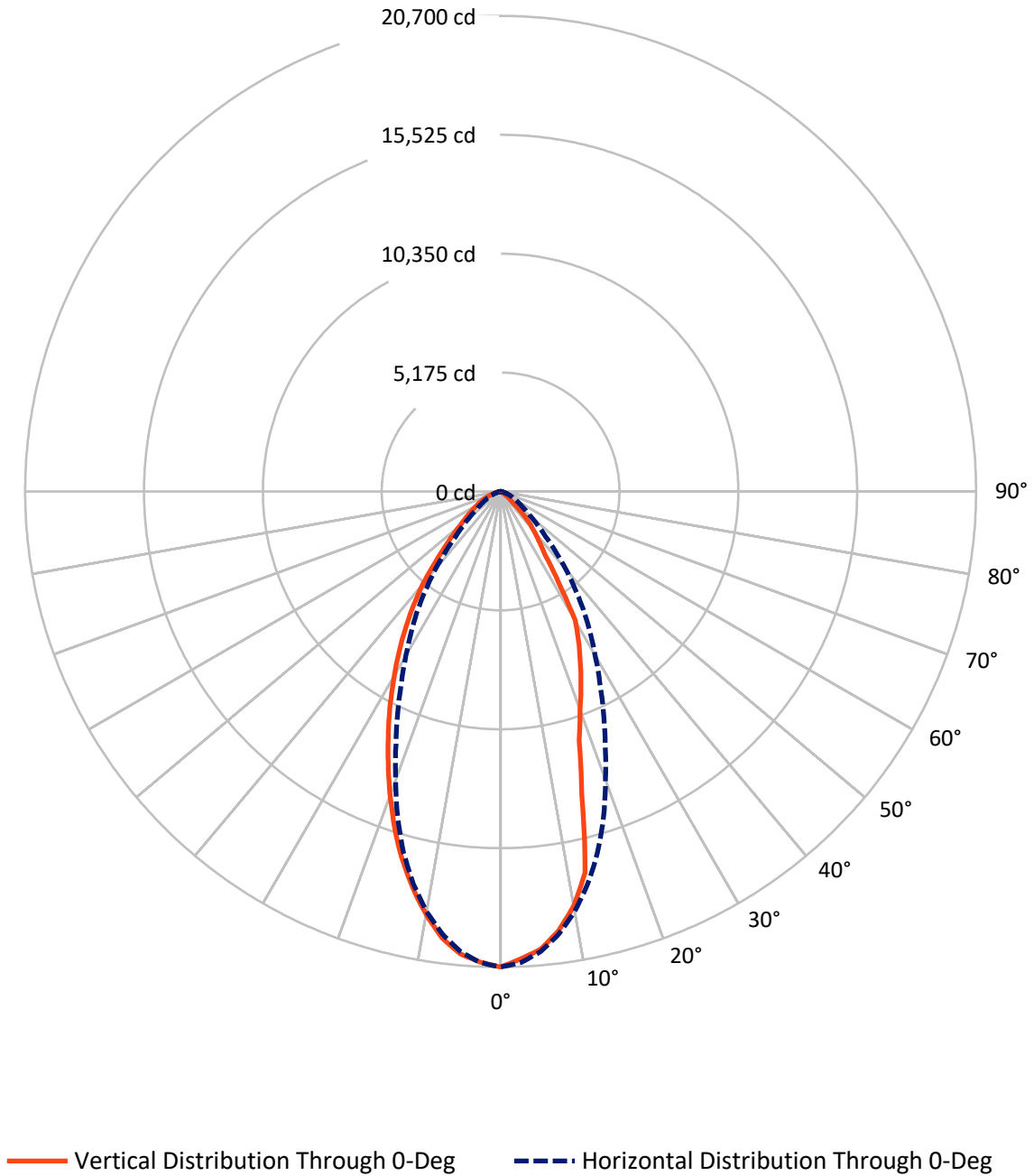
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Lumen Table



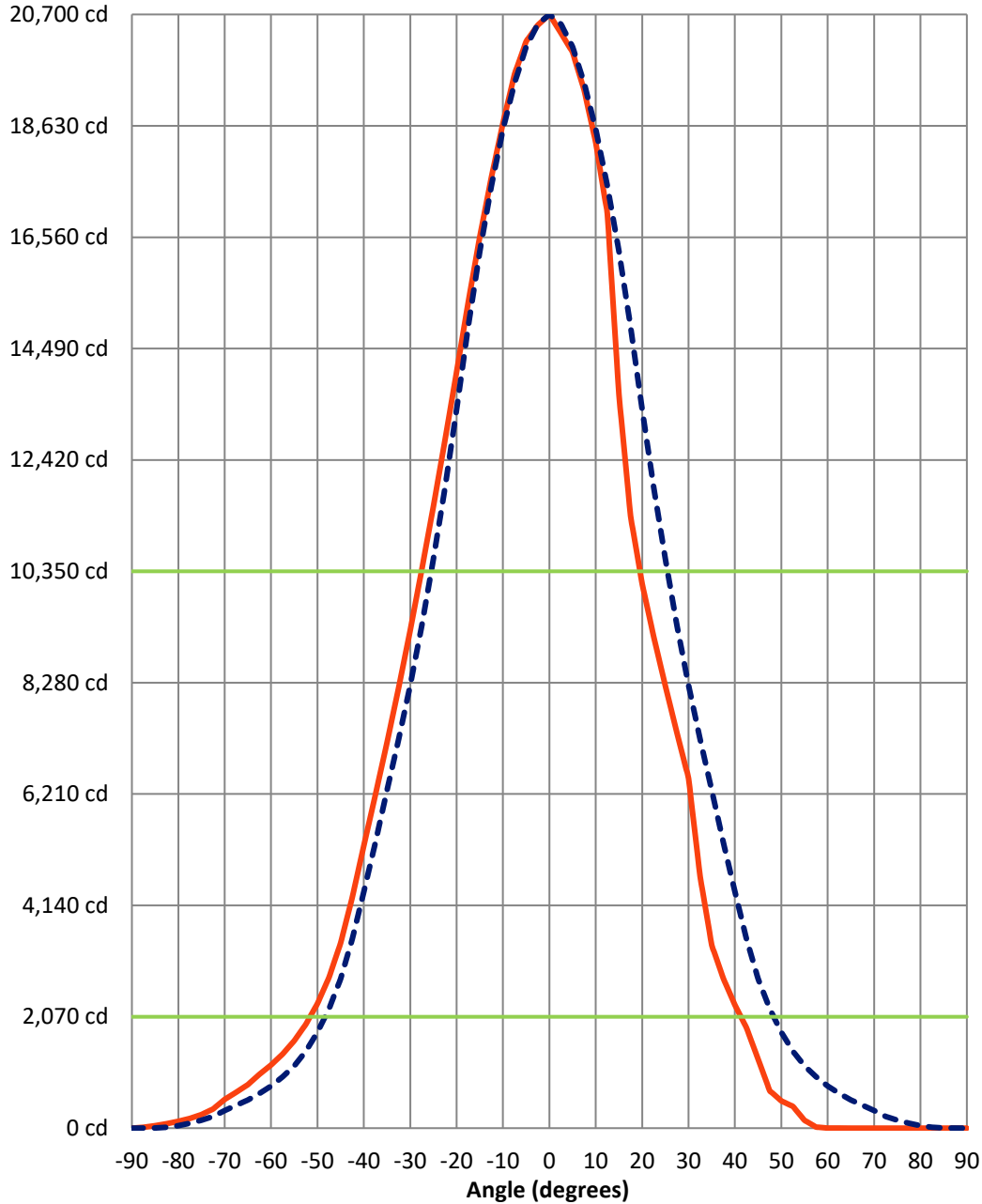
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 8792.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 16350.3
 Efficiency: 89.5%

Spill:
 Lumens: 1911.2
 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	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.5	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
67.5°	0.0	0.6	1.1	1.5	1.5	1.5	1.6	1.5	1.5	1.9	1.9
65°	0.0	0.6	1.3	1.5	1.5	1.7	1.8	1.5	2.1	2.4	2.9
62.5°	0.0	0.7	1.4	1.5	1.5	2.0	2.0	2.0	2.8	4.0	6.2
60°	0.0	0.7	1.5	1.5	1.5	2.4	2.3	2.8	3.5	9.8	10.6
57.5°	0.0	0.8	1.5	1.5	1.9	2.8	4.0	3.8	9.6	16.5	18.1
55°	0.0	0.9	1.5	1.5	2.4	3.3	6.1	5.6	17.7	24.9	28.1
52.5°	0.0	0.9	1.6	1.5	2.8	4.1	8.5	13.9	26.4	36.9	39.8
50°	0.0	1.0	1.6	1.5	3.3	6.7	11.3	23.0	36.9	50.2	60.7
47.5°	0.0	1.0	1.6	1.6	3.8	9.4	15.0	32.2	50.6	64.9	82.4
45°	0.0	1.1	1.7	2.0	4.4	12.3	23.0	41.4	64.4	84.1	103.8
42.5°	0.0	1.1	1.7	2.4	4.9	15.4	31.0	52.3	78.2	103.0	127.6
40°	0.0	1.1	1.8	2.9	6.4	18.6	38.9	64.3	92.6	121.6	152.4
37.5°	0.0	1.2	1.8	3.6	9.0	22.0	46.8	76.1	108.1	140.6	177.8
35°	0.0	1.2	1.9	4.3	11.5	27.4	54.6	87.7	123.7	163.3	205.3
32.5°	0.0	1.3	2.0	5.0	14.1	33.5	62.8	99.2	139.3	186.6	236.3
30°	0.0	1.3	2.0	5.8	16.7	39.5	72.1	110.8	154.8	210.4	267.6
27.5°	0.0	1.3	2.1	6.6	19.7	45.3	81.1	123.5	172.0	234.6	299.0
25°	0.0	1.4	2.2	7.5	22.7	51.0	89.7	135.9	191.7	260.4	330.4
22.5°	0.0	1.4	2.3	8.4	25.6	56.4	98.0	148.0	211.2	286.5	362.2
20°	0.0	1.4	2.4	9.4	28.4	61.7	105.9	159.7	230.4	312.0	392.6
17.5°	0.0	1.4	2.5	10.3	31.1	66.8	113.2	170.9	249.1	336.8	421.3
15°	0.0	1.4	2.5	11.2	33.7	71.4	120.0	180.9	267.2	360.7	448.4
12.5°	0.0	1.5	2.6	12.2	36.1	75.8	126.1	189.3	282.2	383.5	473.7
10°	0.0	1.5	2.7	13.1	38.4	79.8	131.7	196.7	294.2	397.0	493.7
7.5°	0.0	1.5	2.8	14.0	40.6	83.4	136.7	203.3	304.7	407.2	504.1
5°	0.0	1.5	2.9	14.8	42.5	86.6	141.1	208.9	313.7	415.4	512.5
2.5°	0.0	1.5	2.9	15.6	44.3	89.3	144.8	213.6	321.1	421.5	519.0
0°	0.0	1.5	3.0	16.3	45.8	91.7	147.9	217.3	326.8	425.8	523.4
-2.5°	0.0	1.6	3.4	17.3	47.9	94.6	151.9	223.6	333.2	432.0	530.3
-5°	0.0	1.7	3.9	18.3	49.8	97.0	155.3	228.8	337.9	436.4	535.3
-7.5°	0.0	1.8	4.3	19.1	51.3	99.0	157.9	232.9	340.8	439.1	538.2
-10°	0.0	1.9	4.7	19.9	52.6	100.4	159.8	235.9	342.1	440.2	539.1
-12.5°	0.0	1.9	5.1	20.5	53.6	101.4	160.9	237.5	341.7	439.5	536.5
-15°	0.0	2.0	5.5	21.0	54.3	101.9	161.2	237.9	339.2	435.7	531.4
-17.5°	0.0	2.1	5.8	21.4	54.6	101.8	160.7	237.4	334.8	430.5	524.1
-20°	0.0	2.1	6.1	21.7	54.5	101.3	160.3	236.3	329.3	424.0	514.9

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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	2.2	6.4	21.8	54.1	100.1	160.4	234.2	322.8	416.3	503.8
-25°	0.0	2.2	6.6	21.8	53.2	99.8	159.7	231.1	315.4	407.5	490.6
-27.5°	0.0	2.2	6.8	21.6	52.0	99.3	158.1	227.0	307.2	397.2	478.5
-30°	0.0	2.3	7.0	21.3	50.5	98.3	155.8	222.0	299.9	385.7	465.5
-32.5°	0.0	2.3	7.1	20.9	49.9	96.6	152.7	217.8	292.8	373.6	451.6
-35°	0.0	2.3	7.1	20.3	48.8	94.3	149.7	213.2	284.7	361.2	436.8
-37.5°	0.0	2.3	7.2	19.5	47.3	91.7	146.3	207.8	275.6	348.4	419.3
-40°	0.0	2.2	7.1	18.6	45.5	89.5	142.1	201.3	265.7	336.4	400.7
-42.5°	0.0	2.2	7.1	17.7	44.1	86.7	137.0	194.0	256.5	321.0	380.9
-45°	0.0	2.2	7.0	17.0	43.2	83.3	131.2	186.3	247.0	304.4	360.2
-47.5°	0.0	2.1	6.8	16.1	41.9	79.4	124.5	178.5	236.4	287.3	341.2
-50°	0.0	2.0	6.6	15.8	40.2	74.9	118.7	169.7	222.5	271.6	321.6
-52.5°	0.0	2.0	6.3	15.6	38.0	69.8	112.5	159.9	208.6	255.3	301.6
-55°	0.0	1.9	6.0	15.2	35.3	65.7	105.6	149.5	194.4	238.2	282.8
-57.5°	0.0	1.8	5.7	14.6	32.3	61.3	98.0	140.2	179.4	221.1	263.3
-60°	0.0	1.7	5.3	13.8	29.0	56.2	89.9	129.1	164.0	203.3	243.2
-62.5°	0.0	1.6	5.0	12.8	27.0	50.6	82.0	116.7	148.8	184.8	222.4
-65°	0.0	1.5	4.6	11.7	24.6	44.4	73.3	103.7	132.6	165.3	200.9
-67.5°	0.0	1.4	4.3	10.4	22.0	38.8	64.0	90.6	115.6	144.7	177.1
-70°	0.0	1.2	3.9	8.9	19.2	34.1	53.9	77.1	99.4	123.1	151.4
-72.5°	0.0	1.1	3.4	7.9	16.1	28.9	45.8	63.1	82.7	103.6	125.6
-75°	0.0	0.9	3.0	6.9	12.7	23.4	37.6	51.4	65.6	83.5	102.5
-77.5°	0.0	0.8	2.5	5.8	10.5	17.6	29.0	40.4	52.1	64.4	78.8
-80°	0.0	0.6	2.0	4.7	8.5	13.5	20.0	29.2	38.7	48.8	59.4
-82.5°	0.0	0.5	1.5	3.6	6.5	10.2	14.7	19.5	25.2	33.0	41.1
-85°	0.0	0.3	1.0	2.4	4.3	6.8	9.9	13.1	16.6	20.6	24.9
-87.5°	0.0	0.2	0.5	1.2	2.2	3.4	5.0	6.5	8.3	10.3	12.5
-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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.2	0.8
65°	1.5	1.5	2.0	2.2	1.6	1.5	1.5	1.5	1.6	1.4	1.4
62.5°	2.2	2.7	3.3	5.2	3.9	1.5	2.9	3.4	2.3	1.9	2.0
60°	6.5	4.4	11.4	15.8	10.3	5.4	6.7	13.4	11.1	3.0	7.9
57.5°	13.0	16.1	28.6	30.1	23.1	15.6	34.2	37.9	31.5	19.8	28.5
55°	27.2	38.2	48.4	47.8	48.0	60.4	71.0	69.7	61.5	84.7	106.7
52.5°	51.5	63.0	69.7	75.9	93.1	104.6	107.9	114.4	138.5	167.3	172.6
50°	75.6	87.4	96.2	118.7	136.3	145.4	153.9	175.9	212.4	232.2	235.4
47.5°	100.0	113.1	136.4	160.9	178.0	191.8	206.4	256.5	297.2	314.0	320.1
45°	125.4	148.2	177.2	202.4	222.2	240.8	288.3	356.8	385.4	411.2	477.0
42.5°	151.8	186.1	218.7	245.2	267.5	306.3	372.5	438.9	479.8	534.8	614.2
40°	185.4	223.9	261.8	288.7	316.6	375.3	457.3	527.5	570.9	644.6	735.1
37.5°	219.6	264.6	305.5	333.9	373.0	452.6	548.9	632.9	686.7	746.8	892.1
35°	253.4	306.1	348.0	386.1	434.5	544.2	662.8	756.4	822.9	925.6	1109.6
32.5°	289.4	348.4	391.2	443.1	522.6	645.2	791.0	894.9	1005.1	1152.9	1447.7
30°	327.8	388.0	437.2	499.5	606.2	749.3	918.4	1049.0	1198.6	1438.8	1756.5
27.5°	366.1	427.4	488.1	567.3	684.5	839.0	1015.7	1221.6	1414.9	1683.5	2030.8
25°	402.9	467.6	537.9	633.7	760.5	922.2	1115.1	1352.5	1604.8	1912.0	2319.8
22.5°	438.0	508.4	590.8	693.7	824.5	1001.2	1231.1	1510.1	1813.2	2131.5	2600.1
20°	472.4	553.9	648.5	763.7	883.5	1074.0	1344.7	1682.4	2062.4	2498.3	2957.5
17.5°	506.4	598.9	708.1	836.2	981.3	1176.3	1461.1	1863.2	2325.6	2893.0	3458.4
15°	539.7	643.0	765.8	907.7	1079.9	1313.0	1636.5	2078.4	2637.1	3316.6	3986.3
12.5°	572.0	685.8	821.1	977.7	1175.6	1441.7	1801.8	2278.5	2918.7	3730.5	4553.2
10°	603.0	726.9	873.6	1045.1	1267.3	1561.4	1947.9	2451.7	3131.2	3967.7	4882.8
7.5°	618.7	754.7	918.5	1109.3	1353.7	1671.4	2075.1	2598.0	3297.2	4158.6	5076.0
5°	630.0	767.4	935.3	1134.9	1401.3	1746.1	2172.4	2717.7	3419.5	4302.1	5207.0
2.5°	638.6	776.6	947.6	1149.4	1420.1	1771.1	2204.5	2759.4	3485.1	4377.0	5283.2
0°	644.6	782.2	955.1	1157.7	1429.8	1783.1	2219.3	2776.7	3513.0	4394.2	5310.9
-2.5°	650.9	789.8	963.1	1170.6	1443.4	1799.5	2235.6	2789.0	3533.9	4399.0	5325.9
-5°	654.6	793.9	966.2	1176.8	1447.7	1802.6	2234.5	2777.3	3517.3	4364.5	5293.4
-7.5°	655.6	794.4	964.5	1175.5	1442.2	1788.6	2210.8	2742.6	3459.9	4294.6	5213.4
-10°	654.0	790.9	958.2	1164.9	1425.9	1759.6	2168.6	2682.6	3365.7	4179.3	5078.4
-12.5°	649.2	783.5	946.8	1147.5	1399.8	1718.3	2109.1	2597.0	3234.8	4018.9	4888.0
-15°	641.6	772.5	930.3	1123.4	1363.7	1665.2	2032.6	2485.8	3066.3	3815.1	4650.9
-17.5°	631.0	757.8	908.7	1092.6	1317.6	1600.6	1940.2	2355.7	2884.6	3587.6	4387.3
-20°	617.5	739.6	882.0	1055.3	1264.5	1532.7	1854.4	2240.5	2714.5	3327.1	4076.3

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	601.2	717.9	853.8	1019.6	1217.3	1462.1	1758.5	2109.8	2523.7	3026.0	3736.8
-25°	584.4	697.2	826.4	979.8	1163.5	1382.1	1648.7	1968.8	2343.6	2803.4	3391.0
-27.5°	567.7	673.3	794.7	933.9	1103.2	1299.5	1545.5	1837.4	2171.3	2562.3	3040.9
-30°	549.0	646.6	759.7	885.8	1045.4	1227.7	1440.3	1690.3	1987.3	2340.6	2756.6
-32.5°	528.6	617.9	725.8	844.2	983.4	1149.4	1333.3	1559.4	1817.8	2109.2	2468.9
-35°	508.2	593.5	691.1	799.4	916.9	1072.3	1241.3	1428.9	1648.7	1906.8	2194.3
-37.5°	488.7	566.8	653.9	754.9	865.1	994.1	1143.4	1312.8	1502.0	1707.3	1955.7
-40°	466.9	538.0	620.4	711.9	809.4	921.2	1055.8	1199.6	1362.5	1543.1	1735.0
-42.5°	443.2	511.5	586.7	665.6	755.0	854.9	966.5	1098.0	1233.4	1384.7	1552.2
-45°	420.0	482.8	551.5	623.5	698.8	787.0	888.4	997.8	1117.8	1241.3	1382.0
-47.5°	395.6	452.9	516.9	579.6	646.3	721.6	807.6	906.9	1006.9	1116.9	1226.0
-50°	371.1	424.9	478.7	537.2	596.9	659.6	732.3	818.0	909.0	1000.3	1096.3
-52.5°	349.2	395.7	444.3	494.6	549.0	604.7	665.3	735.9	815.5	895.9	978.7
-55°	326.8	369.7	409.8	454.9	501.9	552.1	606.1	665.5	725.6	798.9	870.0
-57.5°	305.0	343.0	377.9	416.2	458.1	500.8	549.5	599.9	654.5	709.9	768.1
-60°	283.0	315.3	347.0	380.2	415.3	453.2	492.4	536.8	583.6	631.6	682.1
-62.5°	260.3	286.5	314.5	344.8	375.7	404.9	437.8	474.0	512.7	553.9	596.7
-65°	234.9	256.6	280.0	306.4	335.5	359.0	384.1	411.4	443.3	477.3	510.9
-67.5°	207.8	227.1	246.1	265.7	289.2	310.4	331.1	352.7	376.6	404.3	431.3
-70°	177.7	196.9	213.6	229.9	244.8	259.9	277.5	294.6	313.8	338.7	363.2
-72.5°	147.0	165.0	180.9	194.7	205.2	214.2	225.0	237.4	255.9	279.0	300.6
-75°	118.9	133.4	148.3	161.5	168.3	171.0	173.3	179.8	198.5	222.2	243.2
-77.5°	92.6	105.2	117.3	128.9	133.7	135.5	136.5	136.4	150.2	170.4	191.7
-80°	68.2	77.0	87.2	97.1	100.0	100.9	101.0	100.4	111.7	126.2	141.8
-82.5°	47.4	53.7	60.2	67.0	67.9	67.4	66.4	65.4	74.5	85.0	95.8
-85°	27.6	30.3	34.2	38.3	38.8	38.6	37.9	36.7	41.8	47.5	53.5
-87.5°	13.8	15.1	16.5	17.8	17.3	16.6	15.7	14.7	16.1	17.5	19.0
-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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	1.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.5	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.5	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.5	1.3	0.9	0.4	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	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	1.5	1.1	0.7	0.3	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	1.9	1.9	1.3	1.3	1.4	1.5	1.2	1.1	1.0	1.1	1.2
60°	8.4	4.8	4.9	6.2	5.3	2.5	4.8	6.1	5.7	4.3	3.8
57.5°	42.4	35.6	24.9	41.6	42.9	29.9	32.4	42.3	41.0	31.6	31.5
55°	106.9	108.5	116.5	127.0	134.8	138.4	141.6	157.5	174.4	191.1	199.4
52.5°	176.6	197.3	223.0	240.0	251.9	276.2	310.3	326.0	341.2	358.5	371.0
50°	260.1	296.0	321.8	325.6	366.1	392.4	398.6	427.9	459.9	479.8	494.1
47.5°	387.0	432.4	454.9	469.3	518.6	572.6	572.7	589.5	669.6	711.5	731.7
45°	557.4	595.3	635.1	738.3	833.2	863.4	927.9	1015.3	1072.0	1150.2	1236.1
42.5°	702.5	773.6	873.2	986.9	1082.1	1161.4	1257.2	1362.3	1488.4	1607.0	1709.4
40°	846.1	934.1	1057.4	1181.2	1301.1	1410.9	1565.4	1700.4	1849.2	2012.4	2148.4
37.5°	1033.5	1146.2	1273.6	1429.7	1616.3	1738.1	1950.6	2144.6	2312.3	2509.4	2630.8
35°	1321.3	1468.2	1581.0	1896.4	2123.4	2265.9	2517.5	2836.4	2958.9	3207.0	3324.8
32.5°	1683.2	1878.3	2175.3	2593.0	2896.1	3158.5	3534.5	3858.2	4134.0	4383.3	4642.5
30°	2089.7	2390.9	2828.7	3383.6	3691.5	4059.2	4567.6	4951.3	5383.9	5858.8	6025.1
27.5°	2458.7	2909.8	3418.1	3867.6	4309.8	4767.7	5267.2	5760.2	6228.4	6623.6	6888.7
25°	2800.7	3346.9	3840.9	4321.3	4800.4	5316.1	5881.1	6440.2	6955.5	7362.1	7671.2
22.5°	3153.4	3730.5	4259.0	4746.4	5303.7	5888.1	6489.0	7130.3	7716.7	8138.4	8475.2
20°	3485.0	4126.9	4729.7	5284.7	5811.5	6486.1	7178.0	7858.3	8496.8	8999.2	9387.6
17.5°	4011.4	4568.6	5305.4	6026.3	6619.8	7239.5	8164.1	8866.2	9574.8	10176.5	10588.1
15°	4657.9	5270.6	6031.4	7021.5	7834.7	8544.7	9499.8	10641.9	11477.7	12245.9	12773.0
12.5°	5304.9	5997.9	6820.8	7935.0	9092.8	9929.2	11087.9	12535.1	13508.7	14698.0	15284.4
10°	5800.8	6671.0	7518.4	8535.2	9647.2	10838.1	12087.3	13441.3	14742.1	15763.3	16676.3
7.5°	6000.4	6927.3	7908.3	8945.8	10057.6	11286.8	12618.2	14027.1	15365.8	16506.5	17509.8
5°	6149.7	7099.4	8086.9	9147.6	10336.3	11619.8	12971.0	14450.2	15817.4	17040.0	18066.4
2.5°	6244.5	7203.2	8186.4	9264.8	10515.0	11836.7	13231.3	14749.6	16137.3	17395.9	18419.1
0°	6280.9	7225.6	8232.5	9342.9	10580.5	11905.2	13360.1	14896.3	16295.0	17511.9	18564.6
-2.5°	6285.8	7204.7	8235.5	9340.5	10524.7	11861.8	13334.3	14857.7	16228.0	17439.9	18502.0
-5°	6236.5	7155.0	8186.8	9275.0	10460.8	11787.9	13197.1	14669.2	15976.1	17155.6	18178.3
-7.5°	6136.5	7052.4	8061.4	9124.7	10278.5	11565.8	12919.3	14287.9	15570.0	16701.3	17677.1
-10°	5988.0	6884.8	7858.8	8894.8	9986.6	11211.0	12501.6	13809.2	15011.5	16057.7	16960.1
-12.5°	5787.0	6663.1	7593.2	8582.3	9598.5	10765.9	11984.5	13212.5	14308.3	15263.4	16073.1
-15°	5526.0	6381.6	7282.3	8217.7	9203.2	10258.8	11352.4	12478.8	13489.5	14336.5	15076.2
-17.5°	5218.6	6048.4	6903.7	7770.8	8705.9	9696.3	10711.5	11722.6	12584.6	13337.0	14013.4
-20°	4875.8	5675.3	6487.7	7296.1	8144.4	9060.5	9998.1	10886.2	11639.5	12323.2	12942.1



REPORT NUMBER: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	4491.4	5256.7	6035.4	6791.9	7556.9	8386.4	9223.7	10026.9	10731.5	11316.3	11854.2
-25°	4080.0	4787.1	5522.5	6231.7	6935.9	7679.1	8439.7	9178.7	9798.8	10306.6	10751.0
-27.5°	3665.4	4311.6	4959.4	5627.2	6278.1	6963.9	7652.5	8290.8	8847.5	9315.0	9688.5
-30°	3229.7	3807.3	4399.0	5003.1	5624.6	6252.2	6874.4	7433.3	7919.3	8330.5	8653.3
-32.5°	2867.5	3306.3	3828.7	4377.1	4959.7	5531.6	6072.8	6582.2	7040.2	7399.2	7672.9
-35°	2520.4	2892.0	3283.2	3768.7	4269.1	4795.4	5293.3	5747.9	6156.2	6469.9	6727.4
-37.5°	2222.0	2515.9	2846.7	3193.3	3612.9	4047.9	4497.3	4924.8	5288.9	5562.6	5792.6
-40°	1963.7	2195.7	2460.1	2734.9	3043.6	3356.1	3747.4	4108.2	4405.3	4661.1	4869.5
-42.5°	1730.2	1926.0	2121.2	2346.6	2579.6	2830.8	3105.4	3372.3	3600.3	3814.4	3991.4
-45°	1528.6	1685.1	1840.7	2014.8	2185.8	2390.1	2586.2	2761.3	2946.0	3106.3	3232.5
-47.5°	1352.4	1474.3	1607.7	1738.0	1875.3	2029.2	2175.2	2308.4	2443.7	2561.0	2655.0
-50°	1195.8	1296.8	1405.8	1508.1	1619.2	1731.7	1839.7	1945.6	2048.4	2137.6	2207.0
-52.5°	1058.7	1147.0	1231.8	1313.4	1401.7	1485.0	1563.2	1650.6	1731.0	1801.3	1848.8
-55°	941.9	1014.1	1083.6	1151.7	1218.4	1281.6	1343.8	1411.7	1473.8	1529.6	1565.0
-57.5°	832.3	893.7	952.6	1008.1	1061.2	1111.4	1163.8	1216.0	1263.8	1305.9	1333.3
-60°	732.6	782.7	833.6	879.0	921.7	961.8	1006.0	1047.8	1086.4	1118.9	1137.8
-62.5°	641.2	686.2	723.8	759.6	796.0	832.1	863.5	894.3	924.1	949.2	965.7
-65°	545.7	583.8	615.8	644.6	670.7	698.7	725.4	749.6	771.1	787.4	797.9
-67.5°	460.2	488.3	513.9	536.8	560.1	582.5	603.1	621.4	637.6	649.0	656.5
-70°	386.0	407.4	428.4	449.2	469.9	487.4	502.3	516.0	528.4	533.6	535.9
-72.5°	320.7	339.7	358.2	376.5	393.7	407.4	418.4	428.4	437.5	429.7	416.1
-75°	261.6	278.3	295.5	311.7	326.9	337.4	345.5	353.0	359.9	343.0	319.7
-77.5°	213.1	227.8	240.6	253.2	265.8	272.4	277.6	282.7	287.5	268.6	244.8
-80°	158.1	170.0	180.8	191.5	201.9	205.9	208.1	209.7	210.6	194.4	175.7
-82.5°	106.8	113.0	118.9	125.1	131.5	134.8	137.3	139.3	140.7	129.2	116.2
-85°	59.8	61.7	63.2	64.4	65.4	67.5	69.5	71.4	73.1	67.6	61.6
-87.5°	20.5	20.6	20.5	20.3	20.1	20.2	20.2	20.1	20.0	19.1	18.2
-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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1
60°	2.9	1.8	1.5	1.5	1.5	1.8	2.9	3.8	4.3	5.7	6.1
57.5°	29.4	25.6	23.0	20.7	23.0	25.6	29.4	31.5	31.6	41.0	42.3
55°	195.8	182.4	165.9	146.4	165.9	182.4	195.8	199.4	191.1	174.4	157.5
52.5°	384.1	396.9	404.3	403.6	404.3	396.9	384.1	371.0	358.5	341.2	326.0
50°	505.6	512.6	512.9	507.1	512.9	512.6	505.6	494.1	479.8	459.9	427.9
47.5°	740.8	731.0	714.4	696.4	714.4	731.0	740.8	731.7	711.5	669.6	589.5
45°	1292.6	1323.8	1321.8	1281.9	1321.8	1323.8	1292.6	1236.1	1150.2	1072.0	1015.3
42.5°	1766.6	1813.2	1846.2	1863.0	1846.2	1813.2	1766.6	1709.4	1607.0	1488.4	1362.3
40°	2225.1	2270.1	2290.0	2288.8	2290.0	2270.1	2225.1	2148.4	2012.4	1849.2	1700.4
37.5°	2709.5	2767.8	2796.1	2782.6	2796.1	2767.8	2709.5	2630.8	2509.4	2312.3	2144.6
35°	3375.7	3430.3	3431.3	3403.6	3431.3	3430.3	3375.7	3324.8	3207.0	2958.9	2836.4
32.5°	4848.3	4866.6	4726.4	4676.6	4726.4	4866.6	4848.3	4642.5	4383.3	4134.0	3858.2
30°	6190.6	6320.0	6440.4	6501.2	6440.4	6320.0	6190.6	6025.1	5858.8	5383.9	4951.3
27.5°	7088.6	7244.3	7340.8	7346.9	7340.8	7244.3	7088.6	6888.7	6623.6	6228.4	5760.2
25°	7905.4	8079.5	8184.7	8220.7	8184.7	8079.5	7905.4	7671.2	7362.1	6955.5	6440.2
22.5°	8761.1	8966.3	9102.2	9130.0	9102.2	8966.3	8761.1	8475.2	8138.4	7716.7	7130.3
20°	9753.8	9992.7	10123.0	10117.7	10123.0	9992.7	9753.8	9387.6	8999.2	8496.8	7858.3
17.5°	11060.9	11317.0	11429.6	11380.4	11429.6	11317.0	11060.9	10588.1	10176.5	9574.8	8866.2
15°	13313.9	13849.7	13847.5	13633.7	13847.5	13849.7	13313.9	12773.0	12245.9	11477.7	10641.9
12.5°	16092.9	16492.2	16901.9	16990.0	16901.9	16492.2	16092.9	15284.4	14698.0	13508.7	12535.1
10°	17445.2	17975.5	18325.4	18316.2	18325.4	17975.5	17445.2	16676.3	15763.3	14742.1	13441.3
7.5°	18291.2	18877.1	19301.2	19292.1	19301.2	18877.1	18291.2	17509.8	16506.5	15365.8	14027.1
5°	18944.1	19593.9	19969.5	19997.3	19969.5	19593.9	18944.1	18066.4	17040.0	15817.4	14450.2
2.5°	19283.3	19961.5	20413.1	20353.7	20413.1	19961.5	19283.3	18419.1	17395.9	16137.3	14749.6
0°	19425.1	20096.4	20517.8	20699.6	20517.8	20096.4	19425.1	18564.6	17511.9	16295.0	14896.3
-2.5°	19363.2	20016.3	20482.0	20500.0	20482.0	20016.3	19363.2	18502.0	17439.9	16228.0	14857.7
-5°	19031.4	19720.6	20032.7	20198.4	20032.7	19720.6	19031.4	18178.3	17155.6	15976.1	14669.2
-7.5°	18496.4	19012.9	19409.2	19592.2	19409.2	19012.9	18496.4	17677.1	16701.3	15570.0	14287.9
-10°	17663.7	18198.4	18533.3	18684.4	18533.3	18198.4	17663.7	16960.1	16057.7	15011.5	13809.2
-12.5°	16741.2	17227.2	17545.6	17673.0	17545.6	17227.2	16741.2	16073.1	15263.4	14308.3	13212.5
-15°	15712.0	16153.2	16446.3	16568.6	16446.3	16153.2	15712.0	15076.2	14336.5	13489.5	12478.8
-17.5°	14579.1	14965.8	15257.8	15345.8	15257.8	14965.8	14579.1	14013.4	13337.0	12584.6	11722.6
-20°	13414.1	13763.6	14004.2	14056.5	14004.2	13763.6	13414.1	12942.1	12323.2	11639.5	10886.2



REPORT NUMBER: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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°	12240.3	12528.2	12723.6	12789.4	12723.6	12528.2	12240.3	11854.2	11316.3	10731.5	10026.9
-25°	11093.2	11341.7	11499.0	11557.8	11499.0	11341.7	11093.2	10751.0	10306.6	9798.8	9178.7
-27.5°	9989.9	10221.5	10366.0	10385.3	10366.0	10221.5	9989.9	9688.5	9315.0	8847.5	8290.8
-30°	8904.3	9095.7	9207.0	9254.2	9207.0	9095.7	8904.3	8653.3	8330.5	7919.3	7433.3
-32.5°	7889.8	8056.9	8157.0	8183.7	8157.0	8056.9	7889.8	7672.9	7399.2	7040.2	6582.2
-35°	6932.1	7086.5	7175.2	7168.0	7175.2	7086.5	6932.1	6727.4	6469.9	6156.2	5747.9
-37.5°	5982.7	6125.1	6205.5	6198.1	6205.5	6125.1	5982.7	5792.6	5562.6	5288.9	4924.8
-40°	5040.9	5163.8	5234.6	5251.8	5234.6	5163.8	5040.9	4869.5	4661.1	4405.3	4108.2
-42.5°	4138.5	4251.9	4308.6	4286.3	4308.6	4251.9	4138.5	3991.4	3814.4	3600.3	3372.3
-45°	3320.8	3379.4	3418.1	3442.1	3418.1	3379.4	3320.8	3232.5	3106.3	2946.0	2761.3
-47.5°	2723.8	2772.5	2798.7	2803.3	2798.7	2772.5	2723.8	2655.0	2561.0	2443.7	2308.4
-50°	2261.0	2302.3	2320.6	2315.4	2320.6	2302.3	2261.0	2207.0	2137.6	2048.4	1945.6
-52.5°	1882.9	1906.9	1923.1	1931.0	1923.1	1906.9	1882.9	1848.8	1801.3	1731.0	1650.6
-55°	1591.6	1610.3	1621.2	1624.9	1621.2	1610.3	1591.6	1565.0	1529.6	1473.8	1411.7
-57.5°	1356.1	1373.9	1380.3	1378.0	1380.3	1373.9	1356.1	1333.3	1305.9	1263.8	1216.0
-60°	1152.3	1162.4	1170.1	1174.0	1170.1	1162.4	1152.3	1137.8	1118.9	1086.4	1047.8
-62.5°	978.8	988.4	996.3	1001.0	996.3	988.4	978.8	965.7	949.2	924.1	894.3
-65°	805.2	809.4	810.6	808.8	810.6	809.4	805.2	797.9	787.4	771.1	749.6
-67.5°	662.0	665.6	667.9	668.3	667.9	665.6	662.0	656.5	649.0	637.6	621.4
-70°	538.2	539.7	538.0	533.8	538.0	539.7	538.2	535.9	533.6	528.4	516.0
-72.5°	402.1	387.3	372.6	356.3	372.6	387.3	402.1	416.1	429.7	437.5	428.4
-75°	295.6	270.6	261.6	252.8	261.6	270.6	295.6	319.7	343.0	359.9	353.0
-77.5°	219.8	193.9	186.9	180.4	186.9	193.9	219.8	244.8	268.6	287.5	282.7
-80°	156.2	135.9	131.5	127.2	131.5	135.9	156.2	175.7	194.4	210.6	209.7
-82.5°	102.6	88.5	85.7	82.8	85.7	88.5	102.6	116.2	129.2	140.7	139.3
-85°	55.2	48.6	47.2	45.8	47.2	48.6	55.2	61.6	67.6	73.1	71.4
-87.5°	17.3	16.2	16.3	16.3	16.3	16.2	17.3	18.2	19.1	20.0	20.1
-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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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	0.3	0.7	1.0	1.2	1.2	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
80°	0.0	0.0	0.1	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.0	0.1	0.5	0.8	1.2	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.0	0.1	0.4	0.9	1.3	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.2	1.5	1.5	1.5
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	1.2	1.5	1.5
65°	0.4	0.3	0.3	0.7	1.1	1.5	1.5	1.4	1.4	1.6	1.5
62.5°	1.2	1.5	1.4	1.3	1.3	1.9	1.9	2.0	1.9	2.3	3.4
60°	4.8	2.5	5.3	6.2	4.9	4.8	8.4	7.9	3.0	11.1	13.4
57.5°	32.4	29.9	42.9	41.6	24.9	35.6	42.4	28.5	19.8	31.5	37.9
55°	141.6	138.4	134.8	127.0	116.5	108.5	106.9	106.7	84.7	61.5	69.7
52.5°	310.3	276.2	251.9	240.0	223.0	197.3	176.6	172.6	167.3	138.5	114.4
50°	398.6	392.4	366.1	325.6	321.8	296.0	260.1	235.4	232.2	212.4	175.9
47.5°	572.7	572.6	518.6	469.3	454.9	432.4	387.0	320.1	314.0	297.2	256.5
45°	927.9	863.4	833.2	738.3	635.1	595.3	557.4	477.0	411.2	385.4	356.8
42.5°	1257.2	1161.4	1082.1	986.9	873.2	773.6	702.5	614.2	534.8	479.8	438.9
40°	1565.4	1410.9	1301.1	1181.2	1057.4	934.1	846.1	735.1	644.6	570.9	527.5
37.5°	1950.6	1738.1	1616.3	1429.7	1273.6	1146.2	1033.5	892.1	746.8	686.7	632.9
35°	2517.5	2265.9	2123.4	1896.4	1581.0	1468.2	1321.3	1109.6	925.6	822.9	756.4
32.5°	3534.5	3158.5	2896.1	2593.0	2175.3	1878.3	1683.2	1447.7	1152.9	1005.1	894.9
30°	4567.6	4059.2	3691.5	3383.6	2828.7	2390.9	2089.7	1756.5	1438.8	1198.6	1049.0
27.5°	5267.2	4767.7	4309.8	3867.6	3418.1	2909.8	2458.7	2030.8	1683.5	1414.9	1221.6
25°	5881.1	5316.1	4800.4	4321.3	3840.9	3346.9	2800.7	2319.8	1912.0	1604.8	1352.5
22.5°	6489.0	5888.1	5303.7	4746.4	4259.0	3730.5	3153.4	2600.1	2131.5	1813.2	1510.1
20°	7178.0	6486.1	5811.5	5284.7	4729.7	4126.9	3485.0	2957.5	2498.3	2062.4	1682.4
17.5°	8164.1	7239.5	6619.8	6026.3	5305.4	4568.6	4011.4	3458.4	2893.0	2325.6	1863.2
15°	9499.8	8544.7	7834.7	7021.5	6031.4	5270.6	4657.9	3986.3	3316.6	2637.1	2078.4
12.5°	11087.9	9929.2	9092.8	7935.0	6820.8	5997.9	5304.9	4553.2	3730.5	2918.7	2278.5
10°	12087.3	10838.1	9647.2	8535.2	7518.4	6671.0	5800.8	4882.8	3967.7	3131.2	2451.7
7.5°	12618.2	11286.8	10057.6	8945.8	7908.3	6927.3	6000.4	5076.0	4158.6	3297.2	2598.0
5°	12971.0	11619.8	10336.3	9147.6	8086.9	7099.4	6149.7	5207.0	4302.1	3419.5	2717.7
2.5°	13231.3	11836.7	10515.0	9264.8	8186.4	7203.2	6244.5	5283.2	4377.0	3485.1	2759.4
0°	13360.1	11905.2	10580.5	9342.9	8232.5	7225.6	6280.9	5310.9	4394.2	3513.0	2776.7
-2.5°	13334.3	11861.8	10524.7	9340.5	8235.5	7204.7	6285.8	5325.9	4399.0	3533.9	2789.0
-5°	13197.1	11787.9	10460.8	9275.0	8186.8	7155.0	6236.5	5293.4	4364.5	3517.3	2777.3
-7.5°	12919.3	11565.8	10278.5	9124.7	8061.4	7052.4	6136.5	5213.4	4294.6	3459.9	2742.6
-10°	12501.6	11211.0	9986.6	8894.8	7858.8	6884.8	5988.0	5078.4	4179.3	3365.7	2682.6
-12.5°	11984.5	10765.9	9598.5	8582.3	7593.2	6663.1	5787.0	4888.0	4018.9	3234.8	2597.0
-15°	11352.4	10258.8	9203.2	8217.7	7282.3	6381.6	5526.0	4650.9	3815.1	3066.3	2485.8
-17.5°	10711.5	9696.3	8705.9	7770.8	6903.7	6048.4	5218.6	4387.3	3587.6	2884.6	2355.7
-20°	9998.1	9060.5	8144.4	7296.1	6487.7	5675.3	4875.8	4076.3	3327.1	2714.5	2240.5



REPORT NUMBER: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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°	9223.7	8386.4	7556.9	6791.9	6035.4	5256.7	4491.4	3736.8	3026.0	2523.7	2109.8
-25°	8439.7	7679.1	6935.9	6231.7	5522.5	4787.1	4080.0	3391.0	2803.4	2343.6	1968.8
-27.5°	7652.5	6963.9	6278.1	5627.2	4959.4	4311.6	3665.4	3040.9	2562.3	2171.3	1837.4
-30°	6874.4	6252.2	5624.6	5003.1	4399.0	3807.3	3229.7	2756.6	2340.6	1987.3	1690.3
-32.5°	6072.8	5531.6	4959.7	4377.1	3828.7	3306.3	2867.5	2468.9	2109.2	1817.8	1559.4
-35°	5293.3	4795.4	4269.1	3768.7	3283.2	2892.0	2520.4	2194.3	1906.8	1648.7	1428.9
-37.5°	4497.3	4047.9	3612.9	3193.3	2846.7	2515.9	2222.0	1955.7	1707.3	1502.0	1312.8
-40°	3747.4	3356.1	3043.6	2734.9	2460.1	2195.7	1963.7	1735.0	1543.1	1362.5	1199.6
-42.5°	3105.4	2830.8	2579.6	2346.6	2121.2	1926.0	1730.2	1552.2	1384.7	1233.4	1098.0
-45°	2586.2	2390.1	2185.8	2014.8	1840.7	1685.1	1528.6	1382.0	1241.3	1117.8	997.8
-47.5°	2175.2	2029.2	1875.3	1738.0	1607.7	1474.3	1352.4	1226.0	1116.9	1006.9	906.9
-50°	1839.7	1731.7	1619.2	1508.1	1405.8	1296.8	1195.8	1096.3	1000.3	909.0	818.0
-52.5°	1563.2	1485.0	1401.7	1313.4	1231.8	1147.0	1058.7	978.7	895.9	815.5	735.9
-55°	1343.8	1281.6	1218.4	1151.7	1083.6	1014.1	941.9	870.0	798.9	725.6	665.5
-57.5°	1163.8	1111.4	1061.2	1008.1	952.6	893.7	832.3	768.1	709.9	654.5	599.9
-60°	1006.0	961.8	921.7	879.0	833.6	782.7	732.6	682.1	631.6	583.6	536.8
-62.5°	863.5	832.1	796.0	759.6	723.8	686.2	641.2	596.7	553.9	512.7	474.0
-65°	725.4	698.7	670.7	644.6	615.8	583.8	545.7	510.9	477.3	443.3	411.4
-67.5°	603.1	582.5	560.1	536.8	513.9	488.3	460.2	431.3	404.3	376.6	352.7
-70°	502.3	487.4	469.9	449.2	428.4	407.4	386.0	363.2	338.7	313.8	294.6
-72.5°	418.4	407.4	393.7	376.5	358.2	339.7	320.7	300.6	279.0	255.9	237.4
-75°	345.5	337.4	326.9	311.7	295.5	278.3	261.6	243.2	222.2	198.5	179.8
-77.5°	277.6	272.4	265.8	253.2	240.6	227.8	213.1	191.7	170.4	150.2	136.4
-80°	208.1	205.9	201.9	191.5	180.8	170.0	158.1	141.8	126.2	111.7	100.4
-82.5°	137.3	134.8	131.5	125.1	118.9	113.0	106.8	95.8	85.0	74.5	65.4
-85°	69.5	67.5	65.4	64.4	63.2	61.7	59.8	53.5	47.5	41.8	36.7
-87.5°	20.2	20.2	20.1	20.3	20.5	20.6	20.5	19.0	17.5	16.1	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: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.9	1.9	1.5	1.5
65°	1.5	1.5	1.6	2.2	2.0	1.5	1.5	2.9	2.4	2.1	1.5
62.5°	2.9	1.5	3.9	5.2	3.3	2.7	2.2	6.2	4.0	2.8	2.0
60°	6.7	5.4	10.3	15.8	11.4	4.4	6.5	10.6	9.8	3.5	2.8
57.5°	34.2	15.6	23.1	30.1	28.6	16.1	13.0	18.1	16.5	9.6	3.8
55°	71.0	60.4	48.0	47.8	48.4	38.2	27.2	28.1	24.9	17.7	5.6
52.5°	107.9	104.6	93.1	75.9	69.7	63.0	51.5	39.8	36.9	26.4	13.9
50°	153.9	145.4	136.3	118.7	96.2	87.4	75.6	60.7	50.2	36.9	23.0
47.5°	206.4	191.8	178.0	160.9	136.4	113.1	100.0	82.4	64.9	50.6	32.2
45°	288.3	240.8	222.2	202.4	177.2	148.2	125.4	103.8	84.1	64.4	41.4
42.5°	372.5	306.3	267.5	245.2	218.7	186.1	151.8	127.6	103.0	78.2	52.3
40°	457.3	375.3	316.6	288.7	261.8	223.9	185.4	152.4	121.6	92.6	64.3
37.5°	548.9	452.6	373.0	333.9	305.5	264.6	219.6	177.8	140.6	108.1	76.1
35°	662.8	544.2	434.5	386.1	348.0	306.1	253.4	205.3	163.3	123.7	87.7
32.5°	791.0	645.2	522.6	443.1	391.2	348.4	289.4	236.3	186.6	139.3	99.2
30°	918.4	749.3	606.2	499.5	437.2	388.0	327.8	267.6	210.4	154.8	110.8
27.5°	1015.7	839.0	684.5	567.3	488.1	427.4	366.1	299.0	234.6	172.0	123.5
25°	1115.1	922.2	760.5	633.7	537.9	467.6	402.9	330.4	260.4	191.7	135.9
22.5°	1231.1	1001.2	824.5	693.7	590.8	508.4	438.0	362.2	286.5	211.2	148.0
20°	1344.7	1074.0	883.5	763.7	648.5	553.9	472.4	392.6	312.0	230.4	159.7
17.5°	1461.1	1176.3	981.3	836.2	708.1	598.9	506.4	421.3	336.8	249.1	170.9
15°	1636.5	1313.0	1079.9	907.7	765.8	643.0	539.7	448.4	360.7	267.2	180.9
12.5°	1801.8	1441.7	1175.6	977.7	821.1	685.8	572.0	473.7	383.5	282.2	189.3
10°	1947.9	1561.4	1267.3	1045.1	873.6	726.9	603.0	493.7	397.0	294.2	196.7
7.5°	2075.1	1671.4	1353.7	1109.3	918.5	754.7	618.7	504.1	407.2	304.7	203.3
5°	2172.4	1746.1	1401.3	1134.9	935.3	767.4	630.0	512.5	415.4	313.7	208.9
2.5°	2204.5	1771.1	1420.1	1149.4	947.6	776.6	638.6	519.0	421.5	321.1	213.6
0°	2219.3	1783.1	1429.8	1157.7	955.1	782.2	644.6	523.4	425.8	326.8	217.3
-2.5°	2235.6	1799.5	1443.4	1170.6	963.1	789.8	650.9	530.3	432.0	333.2	223.6
-5°	2234.5	1802.6	1447.7	1176.8	966.2	793.9	654.6	535.3	436.4	337.9	228.8
-7.5°	2210.8	1788.6	1442.2	1175.5	964.5	794.4	655.6	538.2	439.1	340.8	232.9
-10°	2168.6	1759.6	1425.9	1164.9	958.2	790.9	654.0	539.1	440.2	342.1	235.9
-12.5°	2109.1	1718.3	1399.8	1147.5	946.8	783.5	649.2	536.5	439.5	341.7	237.5
-15°	2032.6	1665.2	1363.7	1123.4	930.3	772.5	641.6	531.4	435.7	339.2	237.9
-17.5°	1940.2	1600.6	1317.6	1092.6	908.7	757.8	631.0	524.1	430.5	334.8	237.4
-20°	1854.4	1532.7	1264.5	1055.3	882.0	739.6	617.5	514.9	424.0	329.3	236.3

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REPORT NUMBER: P627612 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1758.5	1462.1	1217.3	1019.6	853.8	717.9	601.2	503.8	416.3	322.8	234.2
-25°	1648.7	1382.1	1163.5	979.8	826.4	697.2	584.4	490.6	407.5	315.4	231.1
-27.5°	1545.5	1299.5	1103.2	933.9	794.7	673.3	567.7	478.5	397.2	307.2	227.0
-30°	1440.3	1227.7	1045.4	885.8	759.7	646.6	549.0	465.5	385.7	299.9	222.0
-32.5°	1333.3	1149.4	983.4	844.2	725.8	617.9	528.6	451.6	373.6	292.8	217.8
-35°	1241.3	1072.3	916.9	799.4	691.1	593.5	508.2	436.8	361.2	284.7	213.2
-37.5°	1143.4	994.1	865.1	754.9	653.9	566.8	488.7	419.3	348.4	275.6	207.8
-40°	1055.8	921.2	809.4	711.9	620.4	538.0	466.9	400.7	336.4	265.7	201.3
-42.5°	966.5	854.9	755.0	665.6	586.7	511.5	443.2	380.9	321.0	256.5	194.0
-45°	888.4	787.0	698.8	623.5	551.5	482.8	420.0	360.2	304.4	247.0	186.3
-47.5°	807.6	721.6	646.3	579.6	516.9	452.9	395.6	341.2	287.3	236.4	178.5
-50°	732.3	659.6	596.9	537.2	478.7	424.9	371.1	321.6	271.6	222.5	169.7
-52.5°	665.3	604.7	549.0	494.6	444.3	395.7	349.2	301.6	255.3	208.6	159.9
-55°	606.1	552.1	501.9	454.9	409.8	369.7	326.8	282.8	238.2	194.4	149.5
-57.5°	549.5	500.8	458.1	416.2	377.9	343.0	305.0	263.3	221.1	179.4	140.2
-60°	492.4	453.2	415.3	380.2	347.0	315.3	283.0	243.2	203.3	164.0	129.1
-62.5°	437.8	404.9	375.7	344.8	314.5	286.5	260.3	222.4	184.8	148.8	116.7
-65°	384.1	359.0	335.5	306.4	280.0	256.6	234.9	200.9	165.3	132.6	103.7
-67.5°	331.1	310.4	289.2	265.7	246.1	227.1	207.8	177.1	144.7	115.6	90.6
-70°	277.5	259.9	244.8	229.9	213.6	196.9	177.7	151.4	123.1	99.4	77.1
-72.5°	225.0	214.2	205.2	194.7	180.9	165.0	147.0	125.6	103.6	82.7	63.1
-75°	173.3	171.0	168.3	161.5	148.3	133.4	118.9	102.5	83.5	65.6	51.4
-77.5°	136.5	135.5	133.7	128.9	117.3	105.2	92.6	78.8	64.4	52.1	40.4
-80°	101.0	100.9	100.0	97.1	87.2	77.0	68.2	59.4	48.8	38.7	29.2
-82.5°	66.4	67.4	67.9	67.0	60.2	53.7	47.4	41.1	33.0	25.2	19.5
-85°	37.9	38.6	38.8	38.3	34.2	30.3	27.6	24.9	20.6	16.6	13.1
-87.5°	15.7	16.6	17.3	17.8	16.5	15.1	13.8	12.5	10.3	8.3	6.5
-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	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°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.5	1.5	1.5	1.5	1.0	0.5	0.0
67.5°	1.6	1.5	1.5	1.5	1.1	0.6	0.0
65°	1.8	1.7	1.5	1.5	1.3	0.6	0.0
62.5°	2.0	2.0	1.5	1.5	1.4	0.7	0.0
60°	2.3	2.4	1.5	1.5	1.5	0.7	0.0
57.5°	4.0	2.8	1.9	1.5	1.5	0.8	0.0
55°	6.1	3.3	2.4	1.5	1.5	0.9	0.0
52.5°	8.5	4.1	2.8	1.5	1.6	0.9	0.0
50°	11.3	6.7	3.3	1.5	1.6	1.0	0.0
47.5°	15.0	9.4	3.8	1.6	1.6	1.0	0.0
45°	23.0	12.3	4.4	2.0	1.7	1.1	0.0
42.5°	31.0	15.4	4.9	2.4	1.7	1.1	0.0
40°	38.9	18.6	6.4	2.9	1.8	1.1	0.0
37.5°	46.8	22.0	9.0	3.6	1.8	1.2	0.0
35°	54.6	27.4	11.5	4.3	1.9	1.2	0.0
32.5°	62.8	33.5	14.1	5.0	2.0	1.3	0.0
30°	72.1	39.5	16.7	5.8	2.0	1.3	0.0
27.5°	81.1	45.3	19.7	6.6	2.1	1.3	0.0
25°	89.7	51.0	22.7	7.5	2.2	1.4	0.0
22.5°	98.0	56.4	25.6	8.4	2.3	1.4	0.0
20°	105.9	61.7	28.4	9.4	2.4	1.4	0.0
17.5°	113.2	66.8	31.1	10.3	2.5	1.4	0.0
15°	120.0	71.4	33.7	11.2	2.5	1.4	0.0
12.5°	126.1	75.8	36.1	12.2	2.6	1.5	0.0
10°	131.7	79.8	38.4	13.1	2.7	1.5	0.0
7.5°	136.7	83.4	40.6	14.0	2.8	1.5	0.0
5°	141.1	86.6	42.5	14.8	2.9	1.5	0.0
2.5°	144.8	89.3	44.3	15.6	2.9	1.5	0.0
0°	147.9	91.7	45.8	16.3	3.0	1.5	0.0
-2.5°	151.9	94.6	47.9	17.3	3.4	1.6	0.0
-5°	155.3	97.0	49.8	18.3	3.9	1.7	0.0
-7.5°	157.9	99.0	51.3	19.1	4.3	1.8	0.0
-10°	159.8	100.4	52.6	19.9	4.7	1.9	0.0
-12.5°	160.9	101.4	53.6	20.5	5.1	1.9	0.0
-15°	161.2	101.9	54.3	21.0	5.5	2.0	0.0
-17.5°	160.7	101.8	54.6	21.4	5.8	2.1	0.0
-20°	160.3	101.3	54.5	21.7	6.1	2.1	0.0

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CATALOG NUMBER: GFLD-SA5C-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	160.4	100.1	54.1	21.8	6.4	2.2	0.0
-25°	159.7	99.8	53.2	21.8	6.6	2.2	0.0
-27.5°	158.1	99.3	52.0	21.6	6.8	2.2	0.0
-30°	155.8	98.3	50.5	21.3	7.0	2.3	0.0
-32.5°	152.7	96.6	49.9	20.9	7.1	2.3	0.0
-35°	149.7	94.3	48.8	20.3	7.1	2.3	0.0
-37.5°	146.3	91.7	47.3	19.5	7.2	2.3	0.0
-40°	142.1	89.5	45.5	18.6	7.1	2.2	0.0
-42.5°	137.0	86.7	44.1	17.7	7.1	2.2	0.0
-45°	131.2	83.3	43.2	17.0	7.0	2.2	0.0
-47.5°	124.5	79.4	41.9	16.1	6.8	2.1	0.0
-50°	118.7	74.9	40.2	15.8	6.6	2.0	0.0
-52.5°	112.5	69.8	38.0	15.6	6.3	2.0	0.0
-55°	105.6	65.7	35.3	15.2	6.0	1.9	0.0
-57.5°	98.0	61.3	32.3	14.6	5.7	1.8	0.0
-60°	89.9	56.2	29.0	13.8	5.3	1.7	0.0
-62.5°	82.0	50.6	27.0	12.8	5.0	1.6	0.0
-65°	73.3	44.4	24.6	11.7	4.6	1.5	0.0
-67.5°	64.0	38.8	22.0	10.4	4.3	1.4	0.0
-70°	53.9	34.1	19.2	8.9	3.9	1.2	0.0
-72.5°	45.8	28.9	16.1	7.9	3.4	1.1	0.0
-75°	37.6	23.4	12.7	6.9	3.0	0.9	0.0
-77.5°	29.0	17.6	10.5	5.8	2.5	0.8	0.0
-80°	20.0	13.5	8.5	4.7	2.0	0.6	0.0
-82.5°	14.7	10.2	6.5	3.6	1.5	0.5	0.0
-85°	9.9	6.8	4.3	2.4	1.0	0.3	0.0
-87.5°	5.0	3.4	2.2	1.2	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)