

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: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558626 (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-SA2B-927-U-WAF-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (32) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

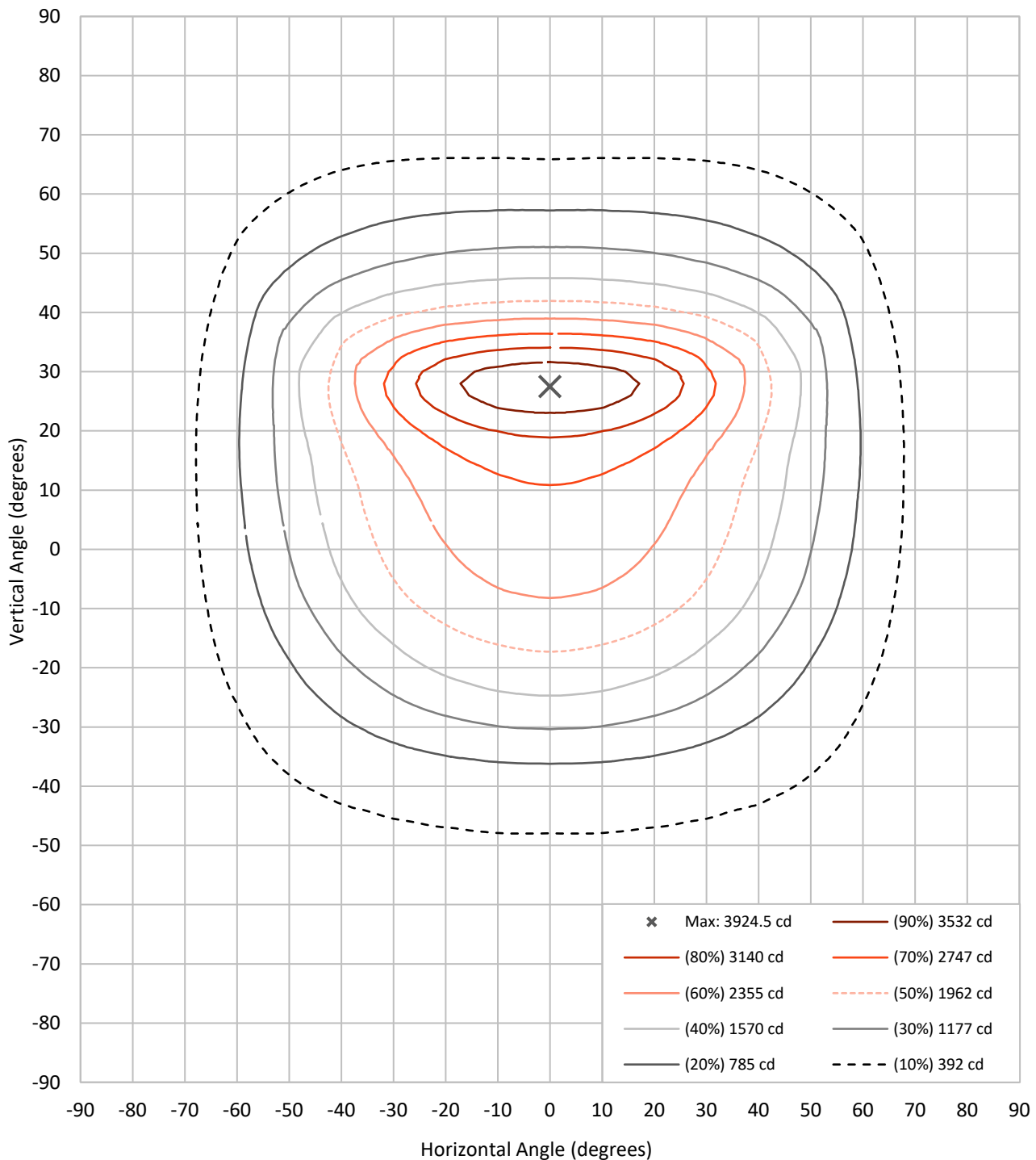
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5721.3 lumens	Max Intensity:	3924.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	90.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2973.3 lumens	Field Lumens:	5292.7 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	63		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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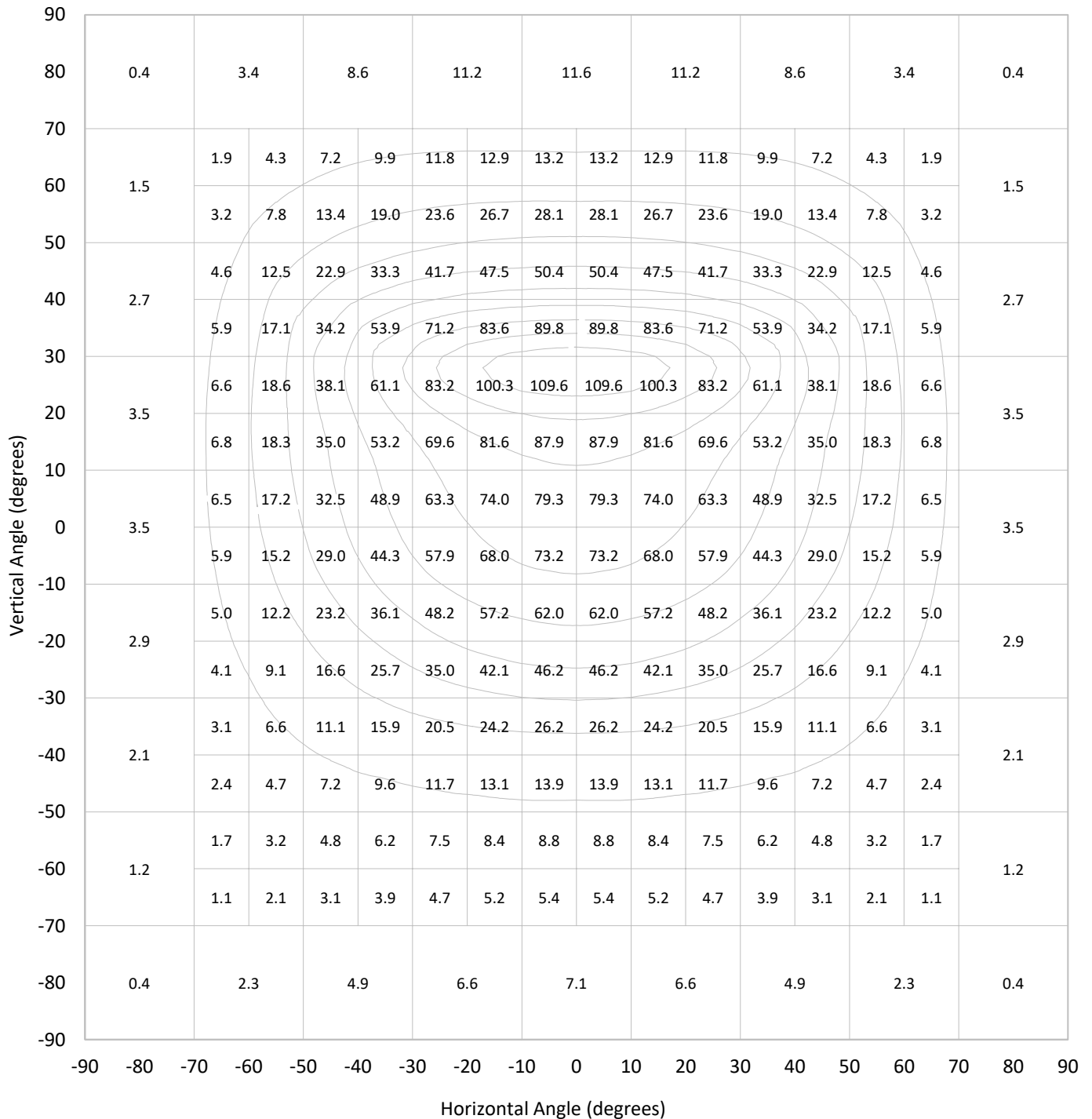
### Iso-Candela Plot





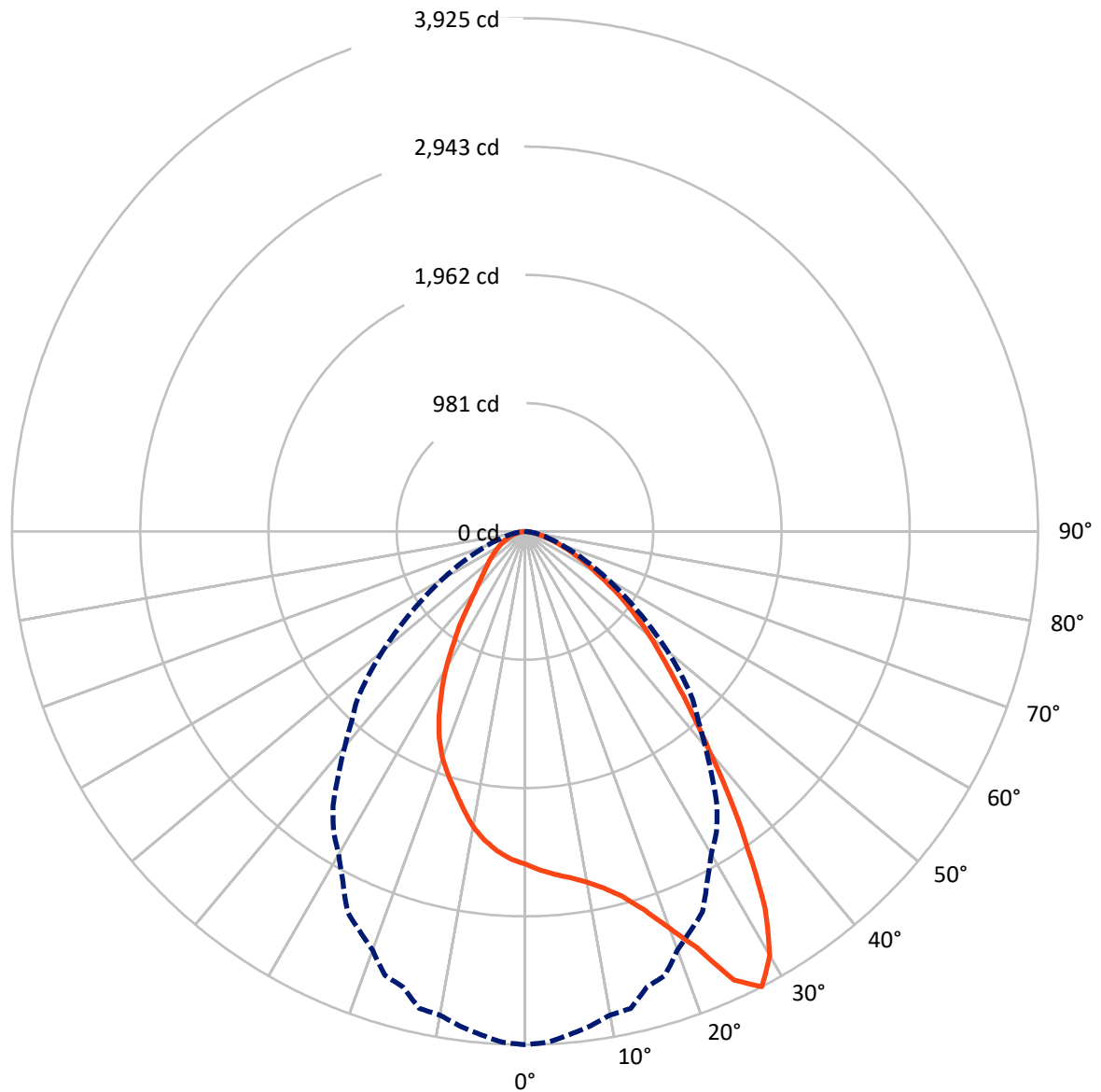
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### Lumen Table



REPORT NUMBER: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
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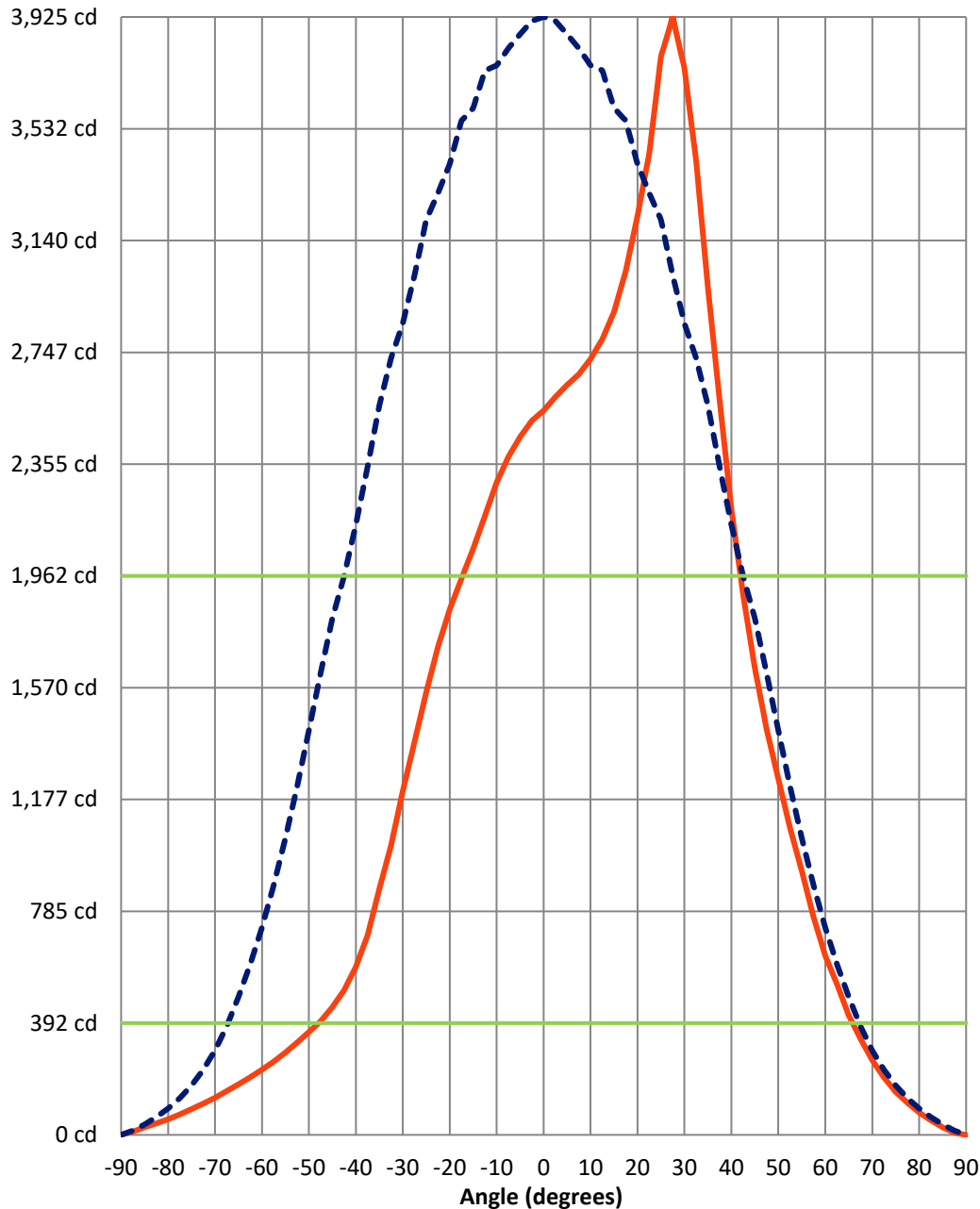
### Luminous Intensity Polar Plot



— 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: 2973.3  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 5292.7  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 428.6  
 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	0.8	1.5	2.3	3.0	3.7	4.4	5.0	5.7	6.3	6.9
85°	0.0	1.5	3.0	4.5	6.0	7.4	8.7	10.1	11.3	12.6	13.8
82.5°	0.0	2.2	4.6	6.8	8.9	11.0	13.1	15.1	17.3	21.1	25.1
80°	0.0	3.0	6.1	9.0	11.9	14.7	17.8	22.8	27.9	33.3	38.9
77.5°	0.0	3.7	7.6	11.2	14.8	19.2	25.3	31.7	38.4	45.4	53.5
75°	0.0	4.4	9.0	13.4	18.1	25.1	32.7	40.6	49.1	59.8	70.8
72.5°	0.0	5.2	10.5	15.6	22.6	31.0	40.0	50.0	62.2	74.9	87.8
70°	0.0	5.9	11.9	18.0	27.1	36.8	47.4	61.1	75.2	89.7	106.7
67.5°	0.0	6.6	13.3	21.2	31.5	42.5	56.4	72.0	87.9	106.7	125.7
65°	0.0	7.3	14.7	24.3	35.8	48.7	65.2	82.6	102.6	123.4	145.5
62.5°	0.0	7.9	16.1	27.4	40.0	55.6	73.7	94.5	117.0	140.3	167.2
60°	0.0	8.6	17.4	30.3	44.0	62.2	81.9	106.7	131.0	158.8	188.2
57.5°	0.0	9.2	19.3	33.2	48.9	68.5	91.2	118.3	146.2	176.7	212.2
55°	0.0	9.8	21.1	36.0	53.6	74.5	100.2	129.2	161.2	194.8	236.9
52.5°	0.0	10.4	22.9	38.7	58.1	80.5	108.7	140.7	175.6	215.2	260.1
50°	0.0	11.0	24.5	41.2	62.4	87.0	116.8	151.7	190.1	234.2	287.8
47.5°	0.0	11.6	26.2	43.8	66.4	93.2	124.4	161.9	205.5	252.0	314.2
45°	0.0	12.1	27.8	46.7	70.2	98.9	132.4	171.3	219.0	273.4	338.6
42.5°	0.0	12.6	29.2	49.4	73.8	104.2	139.8	181.2	231.4	293.2	366.0
40°	0.0	13.1	30.7	51.9	77.4	109.1	146.5	191.1	243.9	311.0	391.7
37.5°	0.0	13.6	32.0	54.3	81.1	113.6	152.5	200.1	257.3	327.3	414.6
35°	0.0	14.0	33.3	56.6	84.4	118.0	157.9	208.1	269.2	344.5	436.3
32.5°	0.0	14.4	34.5	58.7	87.4	122.1	163.1	215.2	279.5	359.3	455.6
30°	0.0	14.8	35.6	60.6	90.1	125.8	168.6	221.9	288.1	371.6	471.6
27.5°	0.0	15.1	36.6	62.4	92.6	128.9	173.4	228.7	296.2	381.4	484.3
25°	0.0	15.4	37.5	64.0	94.9	131.5	177.5	234.4	304.0	390.5	493.9
22.5°	0.0	15.7	38.3	65.5	96.8	133.8	180.8	238.7	309.8	397.8	502.0
20°	0.0	16.0	39.1	66.7	98.4	136.1	183.4	241.9	313.8	402.5	507.3
17.5°	0.0	16.2	39.7	67.8	99.7	138.0	185.7	243.9	316.0	404.7	509.7
15°	0.0	16.4	40.3	68.7	100.7	139.5	187.6	245.2	316.5	404.6	509.4
12.5°	0.0	16.6	40.8	69.5	101.4	140.6	188.7	246.2	316.5	402.2	506.4
10°	0.0	16.7	41.2	70.0	101.8	141.3	189.2	246.3	315.9	401.0	501.8
7.5°	0.0	16.8	41.4	70.4	101.9	141.6	189.0	245.4	314.1	398.4	496.6
5°	0.0	16.9	41.6	70.7	101.8	141.5	188.1	243.7	310.9	394.2	489.0
2.5°	0.0	16.9	41.7	70.7	101.4	141.0	186.7	241.1	306.6	388.3	479.1
0°	0.0	16.9	41.7	70.6	100.8	140.1	184.7	237.8	301.2	380.9	467.2
-2.5°	0.0	16.9	41.6	70.3	100.3	138.8	182.6	234.3	295.9	372.7	455.3
-5°	0.0	16.9	41.4	69.8	99.6	137.1	180.0	230.1	289.6	363.2	441.8
-7.5°	0.0	16.9	41.1	69.2	98.7	135.1	176.9	225.3	282.5	352.5	426.9
-10°	0.0	16.8	40.7	68.4	97.5	132.7	173.3	219.9	274.6	340.8	410.9
-12.5°	0.0	16.7	40.3	67.4	96.1	130.1	169.3	214.0	266.0	328.3	395.1
-15°	0.0	16.5	39.7	66.3	94.5	127.2	164.9	207.6	257.1	316.0	379.0
-17.5°	0.0	16.4	39.1	65.1	92.7	124.1	160.2	201.1	248.3	303.0	362.1
-20°	0.0	16.2	38.4	63.7	90.6	120.8	155.2	194.6	239.0	289.4	344.5



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 CATALOG NUMBER: GFLD-SA2B-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.9	37.6	62.2	88.4	117.2	150.3	187.7	229.2	275.4	326.3
-25°	0.0	15.7	36.7	60.6	86.0	113.7	145.0	180.3	219.2	261.0	307.7
-27.5°	0.0	15.4	35.8	58.8	83.4	110.0	139.5	172.5	208.8	247.0	290.1
-30°	0.0	15.0	34.8	56.9	80.6	106.1	133.8	164.4	198.8	234.3	272.5
-32.5°	0.0	14.7	33.7	54.9	77.7	101.9	127.8	156.8	188.8	221.6	255.1
-35°	0.0	14.3	32.6	52.8	74.7	97.6	122.2	149.3	178.5	208.8	237.7
-37.5°	0.0	13.8	31.4	50.6	71.5	93.2	116.7	141.7	168.0	196.1	223.4
-40°	0.0	13.4	30.2	48.3	68.1	89.0	110.9	133.9	157.2	183.7	209.9
-42.5°	0.0	12.9	28.9	45.9	64.8	84.6	105.0	126.0	147.5	171.7	196.1
-45°	0.0	12.4	27.5	43.5	61.6	80.1	98.9	118.4	138.4	159.7	182.2
-47.5°	0.0	11.9	26.1	40.9	58.1	75.5	92.6	111.1	129.3	147.7	168.9
-50°	0.0	11.3	24.7	38.6	54.6	70.8	86.9	103.6	120.3	137.6	155.7
-52.5°	0.0	10.7	23.2	36.4	51.0	66.0	81.1	96.0	111.6	127.4	142.8
-55°	0.0	10.1	21.6	34.1	47.3	61.3	75.3	88.4	102.9	116.9	131.3
-57.5°	0.0	9.5	20.1	31.7	43.5	56.6	69.4	81.7	94.1	107.0	119.7
-60°	0.0	8.8	18.4	29.3	39.6	51.7	63.4	74.8	85.4	97.0	108.2
-62.5°	0.0	8.2	17.1	26.8	36.3	46.8	57.6	67.9	77.6	87.0	97.3
-65°	0.0	7.5	15.6	24.3	33.0	41.8	51.7	60.9	69.7	78.0	86.2
-67.5°	0.0	6.8	14.2	21.7	29.6	37.1	45.6	54.0	61.7	69.1	76.1
-70°	0.0	6.1	12.7	19.1	26.1	32.9	39.5	47.1	54.0	60.2	66.4
-72.5°	0.0	5.3	11.2	16.7	22.6	28.6	34.3	40.1	46.3	51.9	56.8
-75°	0.0	4.6	9.6	14.4	19.1	24.2	29.2	33.9	38.5	43.5	47.9
-77.5°	0.0	3.8	8.1	12.0	15.9	19.8	24.0	28.0	31.8	35.4	39.0
-80°	0.0	3.1	6.5	9.6	12.7	15.7	18.7	22.1	25.2	28.2	30.9
-82.5°	0.0	2.3	4.9	7.2	9.6	11.8	14.0	16.3	18.6	20.9	23.1
-85°	0.0	1.6	3.3	4.8	6.4	7.9	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.4	6.2	6.9	7.6
-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: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-927-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°	7.3	7.6	7.8	8.0	8.3	8.5	8.8	9.0	9.1	9.3	9.4
85°	14.5	15.1	16.9	18.6	20.4	22.0	23.4	24.7	25.7	26.6	27.2
82.5°	28.3	31.4	34.2	36.9	39.4	41.6	43.7	46.2	48.1	49.7	51.0
80°	43.4	47.6	52.6	57.3	61.6	65.5	69.0	72.2	74.7	77.1	79.6
77.5°	61.1	67.8	74.0	79.7	85.3	91.8	97.8	103.3	107.5	110.7	113.2
75°	80.0	88.0	97.0	106.0	114.5	122.3	129.8	139.0	146.5	152.1	156.6
72.5°	100.3	111.7	122.8	133.5	145.9	158.0	169.7	181.0	190.9	198.2	204.1
70°	122.1	135.4	150.7	166.2	181.1	196.3	212.4	227.1	239.2	247.8	256.1
67.5°	144.4	163.0	181.2	199.9	221.0	240.2	257.8	276.4	292.8	303.6	313.1
65°	170.2	191.0	215.2	240.0	263.2	287.2	309.5	329.7	350.3	365.4	377.7
62.5°	195.0	224.3	252.9	281.8	311.0	337.2	366.3	392.2	413.0	434.5	452.9
60°	224.5	259.3	294.4	329.3	361.9	398.7	430.6	460.7	488.5	512.4	535.1
57.5°	254.0	298.9	340.4	381.3	424.5	463.9	501.3	535.1	568.3	596.0	623.3
55°	284.9	342.8	390.6	441.2	488.8	533.2	575.3	617.6	653.0	691.2	724.5
52.5°	319.3	385.4	447.2	503.0	556.5	607.8	658.1	709.0	758.7	798.3	835.9
50°	351.5	430.2	504.6	568.2	629.8	690.5	753.5	817.1	871.9	917.2	956.4
47.5°	386.8	471.8	566.4	636.7	710.6	785.9	862.3	932.6	992.3	1054.0	1097.2
45°	421.3	513.9	616.5	714.1	799.6	890.8	975.0	1052.6	1139.1	1206.5	1264.2
42.5°	452.7	553.9	668.0	792.3	899.1	997.0	1088.2	1197.3	1296.7	1375.4	1447.5
40°	485.1	590.2	714.9	864.8	998.4	1102.9	1213.8	1334.4	1463.8	1560.7	1646.8
37.5°	514.7	627.3	757.7	920.2	1096.1	1211.0	1333.7	1464.5	1612.0	1757.7	1861.2
35°	540.9	658.8	800.2	965.3	1145.4	1315.8	1445.6	1584.9	1746.3	1935.4	2076.7
32.5°	564.7	684.4	833.9	1000.5	1183.1	1383.0	1547.6	1690.6	1852.6	2047.7	2287.7
30°	584.0	709.3	859.1	1025.9	1209.1	1408.1	1617.2	1773.0	1926.7	2118.1	2341.6
27.5°	598.7	727.5	876.4	1041.7	1222.9	1419.8	1620.8	1813.1	1961.9	2142.0	2345.2
25°	610.0	742.5	885.6	1047.6	1225.0	1414.7	1608.1	1790.1	1957.1	2115.9	2298.2
22.5°	619.3	752.8	895.6	1043.6	1215.7	1396.4	1578.4	1751.8	1913.5	2062.2	2219.1
20°	626.3	759.4	900.7	1047.5	1200.2	1366.8	1540.9	1705.9	1862.1	2006.1	2133.8
17.5°	629.5	761.4	900.7	1046.8	1197.6	1343.4	1494.9	1653.5	1807.1	1950.1	2076.2
15°	628.9	758.8	895.7	1041.2	1189.8	1334.2	1473.7	1604.6	1747.6	1892.2	2017.9
12.5°	624.8	752.0	886.0	1030.8	1177.0	1319.7	1456.7	1588.2	1716.4	1837.4	1957.6
10°	617.2	741.0	871.6	1015.6	1159.4	1299.9	1435.2	1567.1	1694.0	1812.8	1924.7
7.5°	609.4	728.7	854.4	995.7	1136.9	1274.9	1409.0	1541.2	1665.6	1784.2	1897.2
5°	599.1	715.7	841.3	976.6	1112.7	1247.4	1378.6	1510.1	1631.2	1750.8	1864.3
2.5°	586.1	699.5	824.7	953.5	1085.6	1218.9	1345.7	1474.7	1598.9	1713.9	1825.7
0°	570.5	680.3	804.7	926.0	1054.0	1185.6	1307.6	1433.7	1562.9	1671.6	1780.8
-2.5°	553.5	657.4	775.5	896.3	1019.9	1149.0	1274.1	1393.7	1520.0	1629.9	1741.4
-5°	534.4	632.1	743.3	862.7	981.9	1107.7	1235.1	1348.8	1469.5	1578.1	1687.8
-7.5°	513.6	604.8	708.5	825.0	938.5	1057.2	1177.9	1287.3	1404.6	1512.0	1618.9
-10°	491.6	577.8	674.6	782.4	889.4	1000.0	1113.4	1220.5	1333.3	1440.3	1543.1
-12.5°	470.6	551.2	639.7	737.7	837.6	939.8	1045.2	1148.6	1255.6	1363.1	1459.3
-15°	448.5	523.3	603.7	691.5	783.5	877.0	973.8	1071.7	1172.1	1277.3	1366.1
-17.5°	425.7	494.2	566.9	644.2	727.5	812.2	901.1	995.6	1087.5	1183.3	1269.2
-20°	402.3	464.4	529.8	596.4	670.4	751.6	834.8	919.6	1003.1	1086.6	1167.2



REPORT NUMBER: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-927-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°	378.7	433.8	493.4	552.0	622.3	695.7	768.7	842.3	917.2	989.1	1065.4
-25°	355.8	405.5	458.1	515.1	575.4	640.1	702.8	765.0	831.5	898.8	964.5
-27.5°	333.7	377.6	427.2	478.1	528.4	585.9	640.8	693.5	751.5	810.9	864.0
-30°	311.6	353.3	396.7	441.9	486.1	534.1	581.6	627.9	675.1	726.0	771.9
-32.5°	291.1	329.2	368.7	408.3	445.8	483.0	526.9	568.0	606.7	642.9	683.1
-35°	272.4	307.2	341.6	375.7	406.7	439.4	476.1	510.7	541.8	570.9	601.6
-37.5°	254.7	285.7	314.7	345.2	372.7	400.7	427.7	457.7	482.8	506.1	531.3
-40°	237.0	264.7	290.8	316.3	341.5	364.9	387.9	408.3	428.6	450.9	468.3
-42.5°	219.5	245.3	268.6	288.2	312.0	332.1	350.0	366.9	383.5	400.9	414.8
-45°	204.1	226.1	247.4	266.1	283.9	301.1	316.3	329.6	345.2	357.3	367.8
-47.5°	188.6	207.6	227.1	244.3	259.3	273.2	284.5	297.8	310.7	321.1	327.2
-50°	173.3	190.7	207.2	223.3	236.8	248.0	257.7	268.7	279.4	288.2	294.0
-52.5°	159.2	173.7	189.0	202.7	215.2	225.2	234.5	244.0	251.8	257.9	265.5
-55°	145.2	158.6	171.4	183.7	194.4	203.6	212.7	221.1	227.8	233.1	239.4
-57.5°	132.2	144.3	155.4	165.7	175.3	183.2	192.1	199.3	205.5	210.4	216.9
-60°	119.5	130.3	140.4	149.4	157.2	165.0	172.3	178.9	184.4	189.2	195.2
-62.5°	106.8	116.6	125.7	133.9	141.1	147.5	154.0	159.7	164.3	169.3	174.2
-65°	95.0	103.2	111.2	118.7	125.4	131.6	136.9	141.5	145.8	150.2	154.2
-67.5°	83.1	90.8	97.5	103.5	109.7	115.7	120.6	124.8	128.4	132.0	135.4
-70°	72.5	78.6	84.7	90.1	94.9	99.8	104.7	108.7	111.8	114.7	117.4
-72.5°	62.1	67.5	72.6	77.2	81.5	85.5	89.3	92.9	95.9	98.1	100.1
-75°	52.2	56.4	60.8	64.8	68.3	71.4	74.3	77.2	79.7	81.6	83.1
-77.5°	42.7	46.3	49.6	52.7	55.2	57.7	60.0	62.1	63.9	65.4	66.5
-80°	33.5	36.1	38.8	41.4	43.3	45.0	46.4	47.7	49.0	50.5	51.7
-82.5°	25.0	26.8	28.6	30.3	31.7	32.9	33.9	34.8	35.8	36.7	37.5
-85°	16.4	17.5	18.6	19.6	20.7	21.6	22.4	23.1	23.6	24.1	24.4
-87.5°	8.2	8.7	9.2	9.7	10.2	10.7	11.1	11.5	11.8	12.0	12.2
-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):**

	-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°	9.4	9.4	9.4	9.4	9.3	8.9	8.5	8.0	7.5	7.8	8.0
85°	27.7	27.8	27.7	27.4	27.0	27.0	26.9	26.7	26.4	26.9	27.2
82.5°	52.1	52.5	52.5	52.3	51.8	52.0	52.1	52.0	51.6	52.0	52.2
80°	81.4	82.2	82.2	81.7	80.6	80.7	80.8	80.6	80.0	80.1	80.1
77.5°	116.0	117.8	118.4	118.1	117.0	116.7	115.9	114.3	112.0	111.9	112.0
75°	160.1	161.9	162.8	162.8	161.7	161.0	160.0	158.2	155.6	155.5	155.5
72.5°	208.7	211.4	212.6	213.7	213.7	213.3	212.0	209.3	205.2	204.8	205.3
70°	262.5	267.0	269.8	272.0	273.7	274.1	273.3	271.1	267.6	266.7	266.4
67.5°	322.3	329.5	335.0	338.6	342.1	344.5	345.5	344.5	341.6	340.7	341.1
65°	389.3	400.5	409.7	416.6	421.2	424.5	427.3	429.1	429.5	430.5	431.8
62.5°	467.7	481.4	494.2	502.9	507.4	510.6	519.8	525.1	526.6	526.9	529.0
60°	555.2	572.5	588.5	601.3	611.7	619.5	627.4	632.5	634.5	634.9	637.7
57.5°	650.9	672.6	691.3	711.2	725.1	733.1	743.6	754.3	760.0	761.6	768.2
55°	756.7	786.4	810.6	831.9	851.3	868.3	882.7	893.8	902.0	907.0	915.7
52.5°	873.7	908.6	934.0	959.0	986.7	1006.3	1019.1	1039.7	1054.5	1062.7	1073.2
50°	1002.3	1041.1	1075.7	1101.9	1134.2	1160.9	1180.4	1199.8	1213.5	1221.2	1231.4
47.5°	1148.5	1196.4	1236.5	1260.8	1298.3	1329.7	1342.4	1357.1	1382.8	1395.1	1406.0
45°	1313.2	1374.3	1418.9	1456.8	1489.0	1524.3	1547.5	1564.2	1589.5	1602.2	1610.2
42.5°	1509.2	1577.1	1635.8	1681.4	1708.5	1754.3	1787.7	1797.1	1832.9	1857.2	1864.4
40°	1729.0	1804.2	1881.7	1933.7	1977.3	2023.8	2078.9	2109.6	2139.9	2163.7	2169.1
37.5°	1958.0	2058.8	2147.2	2214.3	2286.4	2355.0	2413.4	2445.3	2465.2	2510.7	2527.7
35°	2190.9	2294.8	2418.7	2522.9	2610.3	2695.0	2761.7	2814.2	2864.2	2905.2	2929.7
32.5°	2389.1	2501.0	2653.9	2810.0	2904.3	2996.1	3105.6	3165.7	3232.3	3286.4	3325.9
30°	2552.0	2658.4	2797.6	2993.5	3122.7	3215.7	3354.3	3437.3	3510.0	3601.5	3633.4
27.5°	2559.8	2726.0	2849.1	3017.8	3211.7	3306.1	3408.7	3559.6	3605.4	3736.0	3754.8
25°	2492.6	2667.1	2793.7	2934.5	3095.7	3210.5	3304.2	3429.7	3495.4	3579.4	3643.9
22.5°	2387.5	2541.3	2670.4	2789.8	2915.6	3020.2	3105.8	3194.0	3266.2	3331.3	3391.8
20°	2271.5	2417.5	2539.9	2642.5	2742.2	2839.2	2916.2	2990.3	3052.7	3108.6	3143.1
17.5°	2189.7	2294.8	2419.9	2525.0	2611.5	2687.5	2767.2	2829.2	2883.9	2934.3	2965.7
15°	2133.9	2233.8	2322.8	2419.4	2510.5	2582.9	2642.9	2706.9	2754.2	2797.6	2831.7
12.5°	2076.0	2179.0	2272.1	2352.5	2423.8	2503.0	2567.1	2617.5	2667.1	2701.1	2736.1
10°	2027.6	2123.9	2220.6	2305.5	2380.5	2445.7	2506.4	2562.9	2607.4	2645.6	2673.2
7.5°	1999.5	2094.0	2180.8	2262.3	2335.4	2405.0	2467.6	2519.3	2563.4	2603.0	2631.9
5°	1967.0	2060.5	2147.2	2230.4	2300.6	2367.5	2429.8	2483.1	2528.8	2564.0	2591.6
2.5°	1929.6	2021.9	2108.3	2193.0	2263.2	2327.6	2386.6	2438.6	2486.1	2519.7	2543.2
0°	1887.1	1979.5	2064.0	2143.7	2214.3	2283.7	2338.0	2390.6	2437.0	2470.2	2493.8
-2.5°	1844.2	1936.0	2023.5	2099.8	2170.0	2234.0	2291.9	2341.5	2385.9	2418.9	2439.6
-5°	1787.2	1878.4	1964.7	2041.7	2114.9	2179.3	2235.5	2286.0	2328.7	2364.8	2392.8
-7.5°	1718.1	1810.4	1896.6	1975.2	2048.1	2108.9	2162.9	2213.7	2259.4	2298.7	2333.2
-10°	1642.2	1733.5	1815.0	1888.5	1956.4	2018.2	2075.7	2125.9	2167.7	2206.3	2235.3
-12.5°	1553.8	1638.3	1718.0	1790.5	1856.9	1918.8	1973.4	2021.2	2063.3	2097.6	2123.7
-15°	1456.2	1536.4	1611.9	1686.1	1755.6	1816.5	1864.5	1915.0	1951.5	1984.6	2008.2
-17.5°	1351.8	1429.4	1508.8	1583.1	1647.2	1707.4	1760.3	1806.3	1844.7	1875.1	1901.7
-20°	1246.1	1325.0	1401.5	1472.3	1534.0	1589.7	1643.3	1687.5	1726.8	1759.9	1791.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1139.8	1212.2	1284.0	1353.3	1411.6	1464.3	1511.2	1553.5	1588.1	1627.2	1654.7
-25°	1030.6	1094.1	1158.9	1220.1	1275.3	1327.1	1369.6	1406.7	1442.8	1480.4	1507.3
-27.5°	920.9	977.1	1029.7	1083.9	1132.2	1177.1	1216.5	1249.0	1284.0	1309.2	1338.7
-30°	812.5	863.4	907.3	945.0	990.4	1028.9	1059.7	1091.9	1120.8	1144.9	1169.7
-32.5°	720.7	755.5	790.5	822.0	852.3	883.9	908.6	936.8	956.7	977.4	997.4
-35°	632.4	659.2	682.5	711.9	734.6	751.8	772.5	793.1	801.0	823.6	835.6
-37.5°	552.5	570.1	591.8	612.3	629.1	642.0	660.3	671.2	676.9	691.5	699.3
-40°	484.1	495.2	515.5	529.5	539.6	548.9	564.1	571.2	579.0	586.2	586.4
-42.5°	423.9	438.2	451.9	462.9	469.3	480.0	487.1	487.9	498.0	504.4	505.4
-45°	374.6	389.2	400.1	408.2	414.5	423.7	428.3	430.9	439.1	443.5	445.4
-47.5°	336.8	347.0	356.4	362.7	371.0	377.8	381.2	385.6	391.9	395.9	398.7
-50°	303.6	311.7	318.8	324.5	332.9	338.9	342.1	347.5	352.2	355.1	357.4
-52.5°	274.3	281.5	286.5	292.1	299.0	304.3	308.5	313.7	317.6	320.2	322.2
-55°	247.0	253.7	258.6	264.6	269.6	273.2	276.7	281.8	285.7	288.3	290.0
-57.5°	222.8	227.9	232.6	238.1	242.8	246.7	249.9	252.7	255.2	257.4	259.1
-60°	200.2	204.3	208.7	213.0	216.5	219.3	222.7	225.3	226.9	227.9	229.3
-62.5°	178.5	182.2	186.0	189.5	192.3	194.7	197.4	199.5	201.1	202.1	202.9
-65°	157.8	161.0	164.3	167.1	169.6	171.6	173.6	175.1	176.1	177.0	177.7
-67.5°	138.4	141.0	143.3	145.3	147.1	148.9	150.5	151.7	152.3	153.0	153.8
-70°	119.8	121.8	123.3	124.5	125.6	127.0	128.6	129.7	130.4	131.1	131.8
-72.5°	101.8	103.2	104.5	105.5	106.0	106.9	108.1	109.0	109.7	110.2	110.5
-75°	84.3	85.6	86.7	87.4	87.9	88.5	89.1	89.4	89.5	89.7	89.8
-77.5°	67.4	68.6	69.6	70.3	70.8	71.3	71.7	71.9	72.0	72.0	71.8
-80°	52.6	53.4	54.1	54.6	55.0	55.3	55.5	55.5	55.4	55.5	55.5
-82.5°	38.2	39.0	39.5	40.0	40.3	40.7	41.0	41.2	41.3	41.4	41.3
-85°	24.7	25.1	25.4	25.7	26.0	26.1	26.2	26.2	26.2	26.2	26.2
-87.5°	12.4	12.2	12.0	11.8	11.5	11.6	11.7	11.7	11.7	11.8	11.9
-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):**

	-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°	8.3	8.5	7.8	7.2	7.8	8.5	8.3	8.0	7.8	7.5	8.0
85°	27.5	27.7	27.2	26.6	27.2	27.7	27.5	27.2	26.9	26.4	26.7
82.5°	52.3	52.2	51.8	51.3	51.8	52.2	52.3	52.2	52.0	51.6	52.0
80°	79.8	79.3	79.0	78.5	79.0	79.3	79.8	80.1	80.1	80.0	80.6
77.5°	111.7	111.1	112.1	112.9	112.1	111.1	111.7	112.0	111.9	112.0	114.3
75°	154.9	153.7	152.5	150.9	152.5	153.7	154.9	155.5	155.5	155.6	158.2
72.5°	205.1	204.1	203.2	201.6	203.2	204.1	205.1	205.3	204.8	205.2	209.3
70°	264.8	262.0	262.4	262.6	262.4	262.0	264.8	266.4	266.7	267.6	271.1
67.5°	340.0	337.5	337.8	337.5	337.8	337.5	340.0	341.1	340.7	341.6	344.5
65°	431.0	428.1	424.7	419.6	424.7	428.1	431.0	431.8	430.5	429.5	429.1
62.5°	528.7	526.2	527.6	528.8	527.6	526.2	528.7	529.0	526.9	526.6	525.1
60°	637.2	633.7	631.9	629.0	631.9	633.7	637.2	637.7	634.9	634.5	632.5
57.5°	771.2	770.6	769.0	764.9	769.0	770.6	771.2	768.2	761.6	760.0	754.3
55°	919.9	919.0	922.4	926.6	922.4	919.0	919.9	915.7	907.0	902.0	893.8
52.5°	1080.9	1083.6	1082.6	1077.0	1082.6	1083.6	1080.9	1073.2	1062.7	1054.5	1039.7
50°	1240.3	1243.3	1246.6	1249.6	1246.6	1243.3	1240.3	1231.4	1221.2	1213.5	1199.8
47.5°	1421.0	1429.0	1430.4	1424.7	1430.4	1429.0	1421.0	1406.0	1395.1	1382.8	1357.1
45°	1626.2	1631.1	1633.5	1638.4	1633.5	1631.1	1626.2	1610.2	1602.2	1589.5	1564.2
42.5°	1885.0	1890.6	1891.5	1896.8	1891.5	1890.6	1885.0	1864.4	1857.2	1832.9	1797.1
40°	2192.1	2201.3	2199.7	2197.4	2199.7	2201.3	2192.1	2169.1	2163.7	2139.9	2109.6
37.5°	2551.7	2567.1	2568.7	2578.3	2568.7	2567.1	2551.7	2527.7	2510.7	2465.2	2445.3
35°	2955.2	2973.4	2970.3	2974.9	2970.3	2973.4	2955.2	2929.7	2905.2	2864.2	2814.2
32.5°	3362.2	3389.6	3395.1	3418.0	3395.1	3389.6	3362.2	3325.9	3286.4	3232.3	3165.7
30°	3682.0	3720.3	3745.3	3743.4	3745.3	3720.3	3682.0	3633.4	3601.5	3510.0	3437.3
27.5°	3814.5	3864.1	3910.5	3924.5	3910.5	3864.1	3814.5	3754.8	3736.0	3605.4	3559.6
25°	3685.2	3721.5	3762.4	3784.5	3762.4	3721.5	3685.2	3643.9	3579.4	3495.4	3429.7
22.5°	3419.7	3443.2	3457.2	3445.8	3457.2	3443.2	3419.7	3391.8	3331.3	3266.2	3194.0
20°	3178.7	3208.5	3214.0	3226.1	3214.0	3208.5	3178.7	3143.1	3108.6	3052.7	2990.3
17.5°	2999.3	3018.8	3030.3	3032.9	3030.3	3018.8	2999.3	2965.7	2934.3	2883.9	2829.2
15°	2858.7	2874.4	2884.7	2889.2	2884.7	2874.4	2858.7	2831.7	2797.6	2754.2	2706.9
12.5°	2759.1	2778.2	2787.5	2793.2	2787.5	2778.2	2759.1	2736.1	2701.1	2667.1	2617.5
10°	2695.2	2713.6	2721.0	2723.8	2721.0	2713.6	2695.2	2673.2	2645.6	2607.4	2562.9
7.5°	2649.3	2661.2	2666.2	2670.1	2666.2	2661.2	2649.3	2631.9	2603.0	2563.4	2519.3
5°	2612.4	2621.8	2627.1	2632.6	2627.1	2621.8	2612.4	2591.6	2564.0	2528.8	2483.1
2.5°	2561.9	2575.5	2584.8	2590.4	2584.8	2575.5	2561.9	2543.2	2519.7	2486.1	2438.6
0°	2512.5	2525.2	2531.8	2542.7	2531.8	2525.2	2512.5	2493.8	2470.2	2437.0	2390.6
-2.5°	2458.1	2472.8	2490.2	2507.1	2490.2	2472.8	2458.1	2439.6	2418.9	2385.9	2341.5
-5°	2416.5	2435.9	2439.5	2450.3	2439.5	2435.9	2416.5	2392.8	2364.8	2328.7	2286.0
-7.5°	2353.7	2362.6	2377.7	2380.3	2377.7	2362.6	2353.7	2333.2	2298.7	2259.4	2213.7
-10°	2257.0	2271.4	2280.8	2290.4	2280.8	2271.4	2257.0	2235.3	2206.3	2167.7	2125.9
-12.5°	2143.4	2160.3	2175.3	2173.2	2175.3	2160.3	2143.4	2123.7	2097.6	2063.3	2021.2
-15°	2032.6	2049.0	2059.3	2057.9	2059.3	2049.0	2032.6	2008.2	1984.6	1951.5	1915.0
-17.5°	1922.8	1937.7	1952.6	1952.3	1952.6	1937.7	1922.8	1901.7	1875.1	1844.7	1806.3
-20°	1809.3	1822.0	1838.1	1844.8	1838.1	1822.0	1809.3	1791.1	1759.9	1726.8	1687.5



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 CATALOG NUMBER: GFLD-SA2B-927-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°	1678.0	1694.3	1706.0	1713.2	1706.0	1694.3	1678.0	1654.7	1627.2	1588.1	1553.5
-25°	1525.1	1541.8	1550.7	1553.9	1550.7	1541.8	1525.1	1507.3	1480.4	1442.8	1406.7
-27.5°	1356.1	1374.9	1384.1	1379.4	1384.1	1374.9	1356.1	1338.7	1309.2	1284.0	1249.0
-30°	1182.9	1194.9	1196.3	1206.8	1196.3	1194.9	1182.9	1169.7	1144.9	1120.8	1091.9
-32.5°	1011.8	1019.9	1015.3	1016.0	1015.3	1019.9	1011.8	997.4	977.4	956.7	936.8
-35°	843.0	849.5	850.8	862.7	850.8	849.5	843.0	835.6	823.6	801.0	793.1
-37.5°	707.3	709.9	705.9	700.3	705.9	709.9	707.3	699.3	691.5	676.9	671.2
-40°	592.2	594.2	592.7	589.8	592.7	594.2	592.2	586.4	586.2	579.0	571.2
-42.5°	509.4	509.4	508.1	507.7	508.1	509.4	509.4	505.4	504.4	498.0	487.9
-45°	448.2	448.8	448.7	448.5	448.7	448.8	448.2	445.4	443.5	439.1	430.9
-47.5°	400.7	400.8	400.2	399.0	400.2	400.8	400.7	398.7	395.9	391.9	385.6
-50°	358.8	358.7	359.6	361.0	359.6	358.7	358.8	357.4	355.1	352.2	347.5
-52.5°	323.2	323.2	323.6	324.2	323.6	323.2	323.2	322.2	320.2	317.6	313.7
-55°	290.8	290.6	290.2	289.2	290.2	290.6	290.8	290.0	288.3	285.7	281.8
-57.5°	259.7	259.3	258.6	257.2	258.6	259.3	259.7	259.1	257.4	255.2	252.7
-60°	230.1	230.2	229.8	228.8	229.8	230.2	230.1	229.3	227.9	226.9	225.3
-62.5°	203.1	202.7	202.6	202.2	202.6	202.7	203.1	202.9	202.1	201.1	199.5
-65°	177.9	177.4	177.6	177.5	177.6	177.4	177.9	177.7	177.0	176.1	175.1
-67.5°	154.0	153.9	154.0	153.9	154.0	153.9	154.0	153.8	153.0	152.3	151.7
-70°	132.1	132.2	131.5	130.4	131.5	132.2	132.1	131.8	131.1	130.4	129.7
-72.5°	110.4	110.0	110.1	109.9	110.1	110.0	110.4	110.5	110.2	109.7	109.0
-75°	89.8	89.5	90.1	90.6	90.1	89.5	89.8	89.8	89.7	89.5	89.4
-77.5°	71.5	70.9	71.4	71.8	71.4	70.9	71.5	71.8	72.0	72.0	71.9
-80°	55.5	55.3	55.1	54.9	55.1	55.3	55.5	55.5	55.5	55.4	55.5
-82.5°	41.2	40.9	40.7	40.4	40.7	40.9	41.2	41.3	41.4	41.3	41.2
-85°	26.1	25.9	26.3	26.6	26.3	25.9	26.1	26.2	26.2	26.2	26.2
-87.5°	12.0	12.1	11.8	11.5	11.8	12.1	12.0	11.9	11.8	11.7	11.7
-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: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-927-U-WAF-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°	8.5	8.9	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.1	9.0
85°	26.9	27.0	27.0	27.4	27.7	27.8	27.7	27.2	26.6	25.7	24.7
82.5°	52.1	52.0	51.8	52.3	52.5	52.5	52.1	51.0	49.7	48.1	46.2
80°	80.8	80.7	80.6	81.7	82.2	82.2	81.4	79.6	77.1	74.7	72.2
77.5°	115.9	116.7	117.0	118.1	118.4	117.8	116.0	113.2	110.7	107.5	103.3
75°	160.0	161.0	161.7	162.8	162.8	161.9	160.1	156.6	152.1	146.5	139.0
72.5°	212.0	213.3	213.7	213.7	212.6	211.4	208.7	204.1	198.2	190.9	181.0
70°	273.3	274.1	273.7	272.0	269.8	267.0	262.5	256.1	247.8	239.2	227.1
67.5°	345.5	344.5	342.1	338.6	335.0	329.5	322.3	313.1	303.6	292.8	276.4
65°	427.3	424.5	421.2	416.6	409.7	400.5	389.3	377.7	365.4	350.3	329.7
62.5°	519.8	510.6	507.4	502.9	494.2	481.4	467.7	452.9	434.5	413.0	392.2
60°	627.4	619.5	611.7	601.3	588.5	572.5	555.2	535.1	512.4	488.5	460.7
57.5°	743.6	733.1	725.1	711.2	691.3	672.6	650.9	623.3	596.0	568.3	535.1
55°	882.7	868.3	851.3	831.9	810.6	786.4	756.7	724.5	691.2	653.0	617.6
52.5°	1019.1	1006.3	986.7	959.0	934.0	908.6	873.7	835.9	798.3	758.7	709.0
50°	1180.4	1160.9	1134.2	1101.9	1075.7	1041.1	1002.3	956.4	917.2	871.9	817.1
47.5°	1342.4	1329.7	1298.3	1260.8	1236.5	1196.4	1148.5	1097.2	1054.0	992.3	932.6
45°	1547.5	1524.3	1489.0	1456.8	1418.9	1374.3	1313.2	1264.2	1206.5	1139.1	1052.6
42.5°	1787.7	1754.3	1708.5	1681.4	1635.8	1577.1	1509.2	1447.5	1375.4	1296.7	1197.3
40°	2078.9	2023.8	1977.3	1933.7	1881.7	1804.2	1729.0	1646.8	1560.7	1463.8	1334.4
37.5°	2413.4	2355.0	2286.4	2214.3	2147.2	2058.8	1958.0	1861.2	1757.7	1612.0	1464.5
35°	2761.7	2695.0	2610.3	2522.9	2418.7	2294.8	2190.9	2076.7	1935.4	1746.3	1584.9
32.5°	3105.6	2996.1	2904.3	2810.0	2653.9	2501.0	2389.1	2287.7	2047.7	1852.6	1690.6
30°	3354.3	3215.7	3122.7	2993.5	2797.6	2658.4	2552.0	2341.6	2118.1	1926.7	1773.0
27.5°	3408.7	3306.1	3211.7	3017.8	2849.1	2726.0	2559.8	2345.2	2142.0	1961.9	1813.1
25°	3304.2	3210.5	3095.7	2934.5	2793.7	2667.1	2492.6	2298.2	2115.9	1957.1	1790.1
22.5°	3105.8	3020.2	2915.6	2789.8	2670.4	2541.3	2387.5	2219.1	2062.2	1913.5	1751.8
20°	2916.2	2839.2	2742.2	2642.5	2539.9	2417.5	2271.5	2133.8	2006.1	1862.1	1705.9
17.5°	2767.2	2687.5	2611.5	2525.0	2419.9	2294.8	2189.7	2076.2	1950.1	1807.1	1653.5
15°	2642.9	2582.9	2510.5	2419.4	2322.8	2233.8	2133.9	2017.9	1892.2	1747.6	1604.6
12.5°	2567.1	2503.0	2423.8	2352.5	2272.1	2179.0	2076.0	1957.6	1837.4	1716.4	1588.2
10°	2506.4	2445.7	2380.5	2305.5	2220.6	2123.9	2027.6	1924.7	1812.8	1694.0	1567.1
7.5°	2467.6	2405.0	2335.4	2262.3	2180.8	2094.0	1999.5	1897.2	1784.2	1665.6	1541.2
5°	2429.8	2367.5	2300.6	2230.4	2147.2	2060.5	1967.0	1864.3	1750.8	1631.2	1510.1
2.5°	2386.6	2327.6	2263.2	2193.0	2108.3	2021.9	1929.6	1825.7	1713.9	1598.9	1474.7
0°	2338.0	2283.7	2214.3	2143.7	2064.0	1979.5	1887.1	1780.8	1671.6	1562.9	1433.7
-2.5°	2291.9	2234.0	2170.0	2099.8	2023.5	1936.0	1844.2	1741.4	1629.9	1520.0	1393.7
-5°	2235.5	2179.3	2114.9	2041.7	1964.7	1878.4	1787.2	1687.8	1578.1	1469.5	1348.8
-7.5°	2162.9	2108.9	2048.1	1975.2	1896.6	1810.4	1718.1	1618.9	1512.0	1404.6	1287.3
-10°	2075.7	2018.2	1956.4	1888.5	1815.0	1733.5	1642.2	1543.1	1440.3	1333.3	1220.5
-12.5°	1973.4	1918.8	1856.9	1790.5	1718.0	1638.3	1553.8	1459.3	1363.1	1255.6	1148.6
-15°	1864.5	1816.5	1755.6	1686.1	1611.9	1536.4	1456.2	1366.1	1277.3	1172.1	1071.7
-17.5°	1760.3	1707.4	1647.2	1583.1	1508.8	1429.4	1351.8	1269.2	1183.3	1087.5	995.6
-20°	1643.3	1589.7	1534.0	1472.3	1401.5	1325.0	1246.1	1167.2	1086.6	1003.1	919.6



REPORT NUMBER: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1511.2	1464.3	1411.6	1353.3	1284.0	1212.2	1139.8	1065.4	989.1	917.2	842.3
-25°	1369.6	1327.1	1275.3	1220.1	1158.9	1094.1	1030.6	964.5	898.8	831.5	765.0
-27.5°	1216.5	1177.1	1132.2	1083.9	1029.7	977.1	920.9	864.0	810.9	751.5	693.5
-30°	1059.7	1028.9	990.4	945.0	907.3	863.4	812.5	771.9	726.0	675.1	627.9
-32.5°	908.6	883.9	852.3	822.0	790.5	755.5	720.7	683.1	642.9	606.7	568.0
-35°	772.5	751.8	734.6	711.9	682.5	659.2	632.4	601.6	570.9	541.8	510.7
-37.5°	660.3	642.0	629.1	612.3	591.8	570.1	552.5	531.3	506.1	482.8	457.7
-40°	564.1	548.9	539.6	529.5	515.5	495.2	484.1	468.3	450.9	428.6	408.3
-42.5°	487.1	480.0	469.3	462.9	451.9	438.2	423.9	414.8	400.9	383.5	366.9
-45°	428.3	423.7	414.5	408.2	400.1	389.2	374.6	367.8	357.3	345.2	329.6
-47.5°	381.2	377.8	371.0	362.7	356.4	347.0	336.8	327.2	321.1	310.7	297.8
-50°	342.1	338.9	332.9	324.5	318.8	311.7	303.6	294.0	288.2	279.4	268.7
-52.5°	308.5	304.3	299.0	292.1	286.5	281.5	274.3	265.5	257.9	251.8	244.0
-55°	276.7	273.2	269.6	264.6	258.6	253.7	247.0	239.4	233.1	227.8	221.1
-57.5°	249.9	246.7	242.8	238.1	232.6	227.9	222.8	216.9	210.4	205.5	199.3
-60°	222.7	219.3	216.5	213.0	208.7	204.3	200.2	195.2	189.2	184.4	178.9
-62.5°	197.4	194.7	192.3	189.5	186.0	182.2	178.5	174.2	169.3	164.3	159.7
-65°	173.6	171.6	169.6	167.1	164.3	161.0	157.8	154.2	150.2	145.8	141.5
-67.5°	150.5	148.9	147.1	145.3	143.3	141.0	138.4	135.4	132.0	128.4	124.8
-70°	128.6	127.0	125.6	124.5	123.3	121.8	119.8	117.4	114.7	111.8	108.7
-72.5°	108.1	106.9	106.0	105.5	104.5	103.2	101.8	100.1	98.1	95.9	92.9
-75°	89.1	88.5	87.9	87.4	86.7	85.6	84.3	83.1	81.6	79.7	77.2
-77.5°	71.7	71.3	70.8	70.3	69.6	68.6	67.4	66.5	65.4	63.9	62.1
-80°	55.5	55.3	55.0	54.6	54.1	53.4	52.6	51.7	50.5	49.0	47.7
-82.5°	41.0	40.7	40.3	40.0	39.5	39.0	38.2	37.5	36.7	35.8	34.8
-85°	26.2	26.1	26.0	25.7	25.4	25.1	24.7	24.4	24.1	23.6	23.1
-87.5°	11.7	11.6	11.5	11.8	12.0	12.2	12.4	12.2	12.0	11.8	11.5
-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: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	8.8	8.5	8.3	8.0	7.8	7.6	7.3	6.9	6.3	5.7	5.0
85°	23.4	22.0	20.4	18.6	16.9	15.1	14.5	13.8	12.6	11.3	10.1
82.5°	43.7	41.6	39.4	36.9	34.2	31.4	28.3	25.1	21.1	17.3	15.1
80°	69.0	65.5	61.6	57.3	52.6	47.6	43.4	38.9	33.3	27.9	22.8
77.5°	97.8	91.8	85.3	79.7	74.0	67.8	61.1	53.5	45.4	38.4	31.7
75°	129.8	122.3	114.5	106.0	97.0	88.0	80.0	70.8	59.8	49.1	40.6
72.5°	169.7	158.0	145.9	133.5	122.8	111.7	100.3	87.8	74.9	62.2	50.0
70°	212.4	196.3	181.1	166.2	150.7	135.4	122.1	106.7	89.7	75.2	61.1
67.5°	257.8	240.2	221.0	199.9	181.2	163.0	144.4	125.7	106.7	87.9	72.0
65°	309.5	287.2	263.2	240.0	215.2	191.0	170.2	145.5	123.4	102.6	82.6
62.5°	366.3	337.2	311.0	281.8	252.9	224.3	195.0	167.2	140.3	117.0	94.5
60°	430.6	398.7	361.9	329.3	294.4	259.3	224.5	188.2	158.8	131.0	106.7
57.5°	501.3	463.9	424.5	381.3	340.4	298.9	254.0	212.2	176.7	146.2	118.3
55°	575.3	533.2	488.8	441.2	390.6	342.8	284.9	236.9	194.8	161.2	129.2
52.5°	658.1	607.8	556.5	503.0	447.2	385.4	319.3	260.1	215.2	175.6	140.7
50°	753.5	690.5	629.8	568.2	504.6	430.2	351.5	287.8	234.2	190.1	151.7
47.5°	862.3	785.9	710.6	636.7	566.4	471.8	386.8	314.2	252.0	205.5	161.9
45°	975.0	890.8	799.6	714.1	616.5	513.9	421.3	338.6	273.4	219.0	171.3
42.5°	1088.2	997.0	899.1	792.3	668.0	553.9	452.7	366.0	293.2	231.4	181.2
40°	1213.8	1102.9	998.4	864.8	714.9	590.2	485.1	391.7	311.0	243.9	191.1
37.5°	1333.7	1211.0	1096.1	920.2	757.7	627.3	514.7	414.6	327.3	257.3	200.1
35°	1445.6	1315.8	1145.4	965.3	800.2	658.8	540.9	436.3	344.5	269.2	208.1
32.5°	1547.6	1383.0	1183.1	1000.5	833.9	684.4	564.7	455.6	359.3	279.5	215.2
30°	1617.2	1408.1	1209.1	1025.9	859.1	709.3	584.0	471.6	371.6	288.1	221.9
27.5°	1620.8	1419.8	1222.9	1041.7	876.4	727.5	598.7	484.3	381.4	296.2	228.7
25°	1608.1	1414.7	1225.0	1047.6	885.6	742.5	610.0	493.9	390.5	304.0	234.4
22.5°	1578.4	1396.4	1215.7	1043.6	895.6	752.8	619.3	502.0	397.8	309.8	238.7
20°	1540.9	1366.8	1200.2	1047.5	900.7	759.4	626.3	507.3	402.5	313.8	241.9
17.5°	1494.9	1343.4	1197.6	1046.8	900.7	761.4	629.5	509.7	404.7	316.0	243.9
15°	1473.7	1334.2	1189.8	1041.2	895.7	758.8	628.9	509.4	404.6	316.5	245.2
12.5°	1456.7	1319.7	1177.0	1030.8	886.0	752.0	624.8	506.4	402.2	316.5	246.2
10°	1435.2	1299.9	1159.4	1015.6	871.6	741.0	617.2	501.8	401.0	315.9	246.3
7.5°	1409.0	1274.9	1136.9	995.7	854.4	728.7	609.4	496.6	398.4	314.1	245.4
5°	1378.6	1247.4	1112.7	976.6	841.3	715.7	599.1	489.0	394.2	310.9	243.7
2.5°	1345.7	1218.9	1085.6	953.5	824.7	699.5	586.1	479.1	388.3	306.6	241.1
0°	1307.6	1185.6	1054.0	926.0	804.7	680.3	570.5	467.2	380.9	301.2	237.8
-2.5°	1274.1	1149.0	1019.9	896.3	775.5	657.4	553.5	455.3	372.7	295.9	234.3
-5°	1235.1	1107.7	981.9	862.7	743.3	632.1	534.4	441.8	363.2	289.6	230.1
-7.5°	1177.9	1057.2	938.5	825.0	708.5	604.8	513.6	426.9	352.5	282.5	225.3
-10°	1113.4	1000.0	889.4	782.4	674.6	577.8	491.6	410.9	340.8	274.6	219.9
-12.5°	1045.2	939.8	837.6	737.7	639.7	551.2	470.6	395.1	328.3	266.0	214.0
-15°	973.8	877.0	783.5	691.5	603.7	523.3	448.5	379.0	316.0	257.1	207.6
-17.5°	901.1	812.2	727.5	644.2	566.9	494.2	425.7	362.1	303.0	248.3	201.1
-20°	834.8	751.6	670.4	596.4	529.8	464.4	402.3	344.5	289.4	239.0	194.6



REPORT NUMBER: P558626 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	768.7	695.7	622.3	552.0	493.4	433.8	378.7	326.3	275.4	229.2	187.7
-25°	702.8	640.1	575.4	515.1	458.1	405.5	355.8	307.7	261.0	219.2	180.3
-27.5°	640.8	585.9	528.4	478.1	427.2	377.6	333.7	290.1	247.0	208.8	172.5
-30°	581.6	534.1	486.1	441.9	396.7	353.3	311.6	272.5	234.3	198.8	164.4
-32.5°	526.9	483.0	445.8	408.3	368.7	329.2	291.1	255.1	221.6	188.8	156.8
-35°	476.1	439.4	406.7	375.7	341.6	307.2	272.4	237.7	208.8	178.5	149.3
-37.5°	427.7	400.7	372.7	345.2	314.7	285.7	254.7	223.4	196.1	168.0	141.7
-40°	387.9	364.9	341.5	316.3	290.8	264.7	237.0	209.9	183.7	157.2	133.9
-42.5°	350.0	332.1	312.0	288.2	268.6	245.3	219.5	196.1	171.7	147.5	126.0
-45°	316.3	301.1	283.9	266.1	247.4	226.1	204.1	182.2	159.7	138.4	118.4
-47.5°	284.5	273.2	259.3	244.3	227.1	207.6	188.6	168.9	147.7	129.3	111.1
-50°	257.7	248.0	236.8	223.3	207.2	190.7	173.3	155.7	137.6	120.3	103.6
-52.5°	234.5	225.2	215.2	202.7	189.0	173.7	159.2	142.8	127.4	111.6	96.0
-55°	212.7	203.6	194.4	183.7	171.4	158.6	145.2	131.3	116.9	102.9	88.4
-57.5°	192.1	183.2	175.3	165.7	155.4	144.3	132.2	119.7	107.0	94.1	81.7
-60°	172.3	165.0	157.2	149.4	140.4	130.3	119.5	108.2	97.0	85.4	74.8
-62.5°	154.0	147.5	141.1	133.9	125.7	116.6	106.8	97.3	87.0	77.6	67.9
-65°	136.9	131.6	125.4	118.7	111.2	103.2	95.0	86.2	78.0	69.7	60.9
-67.5°	120.6	115.7	109.7	103.5	97.5	90.8	83.1	76.1	69.1	61.7	54.0
-70°	104.7	99.8	94.9	90.1	84.7	78.6	72.5	66.4	60.2	54.0	47.1
-72.5°	89.3	85.5	81.5	77.2	72.6	67.5	62.1	56.8	51.9	46.3	40.1
-75°	74.3	71.4	68.3	64.8	60.8	56.4	52.2	47.9	43.5	38.5	33.9
-77.5°	60.0	57.7	55.2	52.7	49.6	46.3	42.7	39.0	35.4	31.8	28.0
-80°	46.4	45.0	43.3	41.4	38.8	36.1	33.5	30.9	28.2	25.2	22.1
-82.5°	33.9	32.9	31.7	30.3	28.6	26.8	25.0	23.1	20.9	18.6	16.3
-85°	22.4	21.6	20.7	19.6	18.6	17.5	16.4	15.3	13.8	12.4	10.9
-87.5°	11.1	10.7	10.2	9.7	9.2	8.7	8.2	7.6	6.9	6.2	5.4
-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°	4.4	3.7	3.0	2.3	1.5	0.8	0.0
85°	8.7	7.4	6.0	4.5	3.0	1.5	0.0
82.5°	13.1	11.0	8.9	6.8	4.6	2.2	0.0
80°	17.8	14.7	11.9	9.0	6.1	3.0	0.0
77.5°	25.3	19.2	14.8	11.2	7.6	3.7	0.0
75°	32.7	25.1	18.1	13.4	9.0	4.4	0.0
72.5°	40.0	31.0	22.6	15.6	10.5	5.2	0.0
70°	47.4	36.8	27.1	18.0	11.9	5.9	0.0
67.5°	56.4	42.5	31.5	21.2	13.3	6.6	0.0
65°	65.2	48.7	35.8	24.3	14.7	7.3	0.0
62.5°	73.7	55.6	40.0	27.4	16.1	7.9	0.0
60°	81.9	62.2	44.0	30.3	17.4	8.6	0.0
57.5°	91.2	68.5	48.9	33.2	19.3	9.2	0.0
55°	100.2	74.5	53.6	36.0	21.1	9.8	0.0
52.5°	108.7	80.5	58.1	38.7	22.9	10.4	0.0
50°	116.8	87.0	62.4	41.2	24.5	11.0	0.0
47.5°	124.4	93.2	66.4	43.8	26.2	11.6	0.0
45°	132.4	98.9	70.2	46.7	27.8	12.1	0.0
42.5°	139.8	104.2	73.8	49.4	29.2	12.6	0.0
40°	146.5	109.1	77.4	51.9	30.7	13.1	0.0
37.5°	152.5	113.6	81.1	54.3	32.0	13.6	0.0
35°	157.9	118.0	84.4	56.6	33.3	14.0	0.0
32.5°	163.1	122.1	87.4	58.7	34.5	14.4	0.0
30°	168.6	125.8	90.1	60.6	35.6	14.8	0.0
27.5°	173.4	128.9	92.6	62.4	36.6	15.1	0.0
25°	177.5	131.5	94.9	64.0	37.5	15.4	0.0
22.5°	180.8	133.8	96.8	65.5	38.3	15.7	0.0
20°	183.4	136.1	98.4	66.7	39.1	16.0	0.0
17.5°	185.7	138.0	99.7	67.8	39.7	16.2	0.0
15°	187.6	139.5	100.7	68.7	40.3	16.4	0.0
12.5°	188.7	140.6	101.4	69.5	40.8	16.6	0.0
10°	189.2	141.3	101.8	70.0	41.2	16.7	0.0
7.5°	189.0	141.6	101.9	70.4	41.4	16.8	0.0
5°	188.1	141.5	101.8	70.7	41.6	16.9	0.0
2.5°	186.7	141.0	101.4	70.7	41.7	16.9	0.0
0°	184.7	140.1	100.8	70.6	41.7	16.9	0.0
-2.5°	182.6	138.8	100.3	70.3	41.6	16.9	0.0
-5°	180.0	137.1	99.6	69.8	41.4	16.9	0.0
-7.5°	176.9	135.1	98.7	69.2	41.1	16.9	0.0
-10°	173.3	132.7	97.5	68.4	40.7	16.8	0.0
-12.5°	169.3	130.1	96.1	67.4	40.3	16.7	0.0
-15°	164.9	127.2	94.5	66.3	39.7	16.5	0.0
-17.5°	160.2	124.1	92.7	65.1	39.1	16.4	0.0
-20°	155.2	120.8	90.6	63.7	38.4	16.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	150.3	117.2	88.4	62.2	37.6	15.9	0.0
-25°	145.0	113.7	86.0	60.6	36.7	15.7	0.0
-27.5°	139.5	110.0	83.4	58.8	35.8	15.4	0.0
-30°	133.8	106.1	80.6	56.9	34.8	15.0	0.0
-32.5°	127.8	101.9	77.7	54.9	33.7	14.7	0.0
-35°	122.2	97.6	74.7	52.8	32.6	14.3	0.0
-37.5°	116.7	93.2	71.5	50.6	31.4	13.8	0.0
-40°	110.9	89.0	68.1	48.3	30.2	13.4	0.0
-42.5°	105.0	84.6	64.8	45.9	28.9	12.9	0.0
-45°	98.9	80.1	61.6	43.5	27.5	12.4	0.0
-47.5°	92.6	75.5	58.1	40.9	26.1	11.9	0.0
-50°	86.9	70.8	54.6	38.6	24.7	11.3	0.0
-52.5°	81.1	66.0	51.0	36.4	23.2	10.7	0.0
-55°	75.3	61.3	47.3	34.1	21.6	10.1	0.0
-57.5°	69.4	56.6	43.5	31.7	20.1	9.5	0.0
-60°	63.4	51.7	39.6	29.3	18.4	8.8	0.0
-62.5°	57.6	46.8	36.3	26.8	17.1	8.2	0.0
-65°	51.7	41.8	33.0	24.3	15.6	7.5	0.0
-67.5°	45.6	37.1	29.6	21.7	14.2	6.8	0.0
-70°	39.5	32.9	26.1	19.1	12.7	6.1	0.0
-72.5°	34.3	28.6	22.6	16.7	11.2	5.3	0.0
-75°	29.2	24.2	19.1	14.4	9.6	4.6	0.0
-77.5°	24.0	19.8	15.9	12.0	8.1	3.8	0.0
-80°	18.7	15.7	12.7	9.6	6.5	3.1	0.0
-82.5°	14.0	11.8	9.6	7.2	4.9	2.3	0.0
-85°	9.4	7.9	6.4	4.8	3.3	1.6	0.0
-87.5°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)