

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: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-927-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

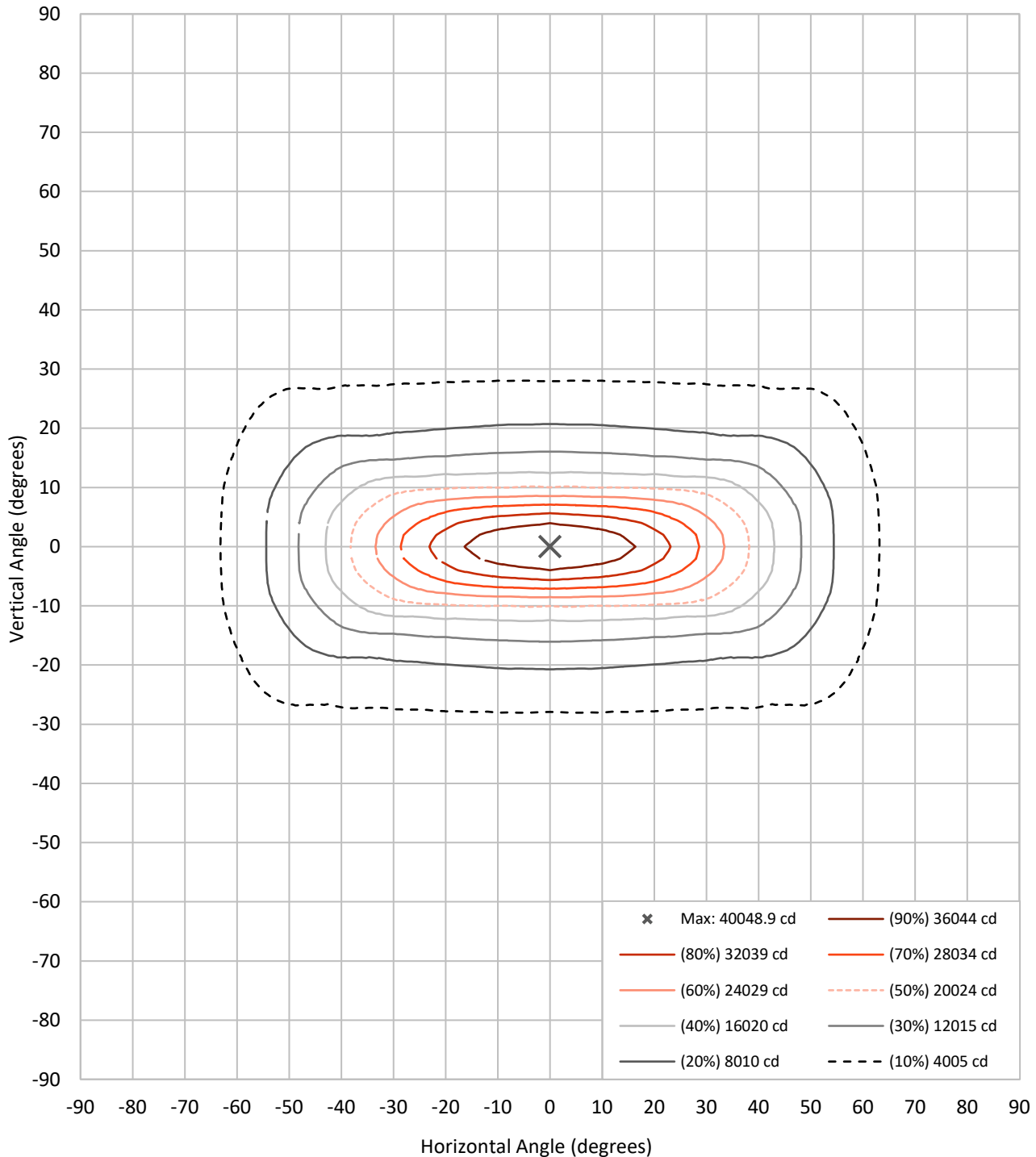
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	28682.2 lumens	Max Intensity:	40048.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	77.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	11475.7 lumens	Field Lumens:	23508.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 368
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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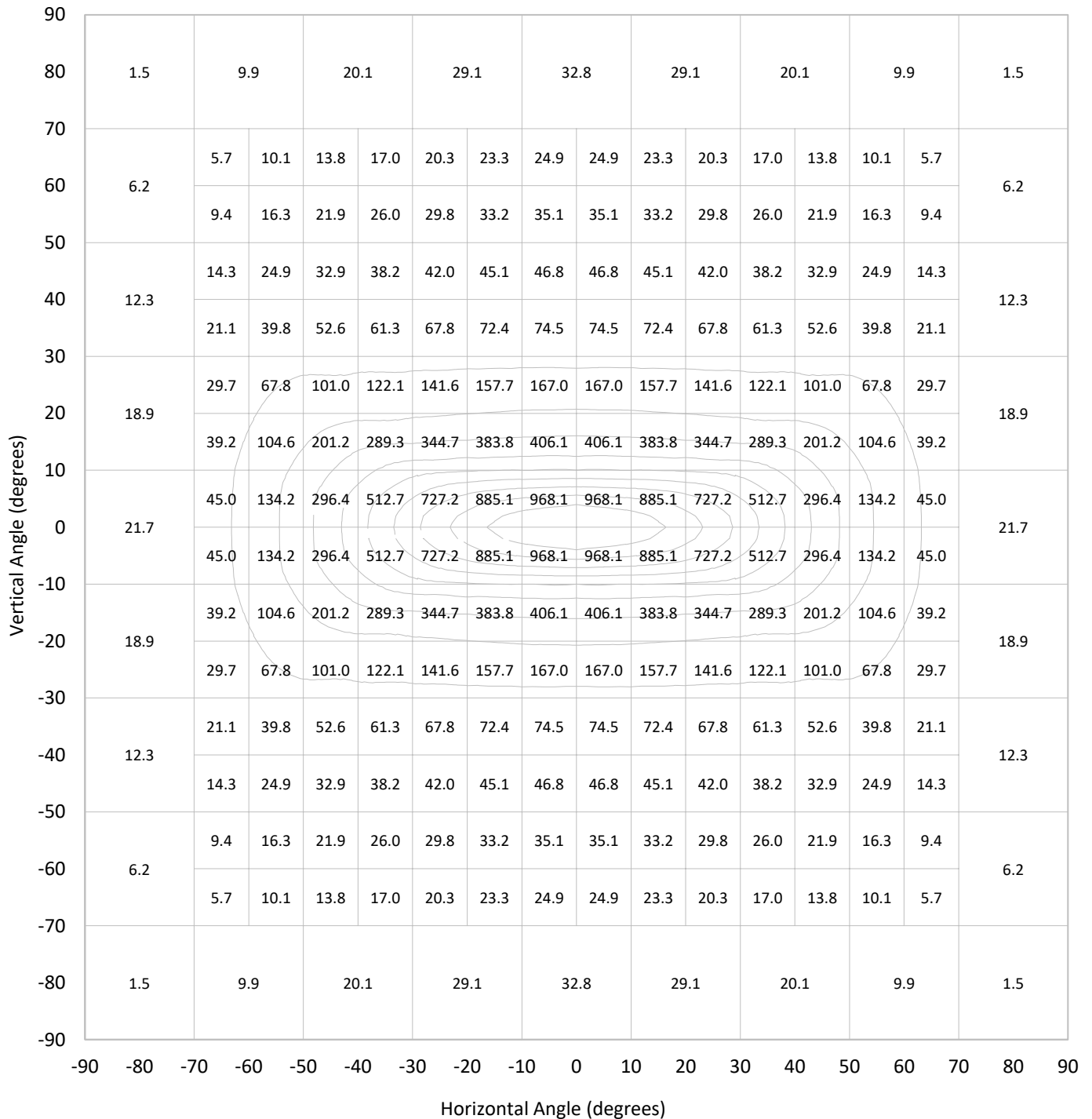
Iso-Candela Plot





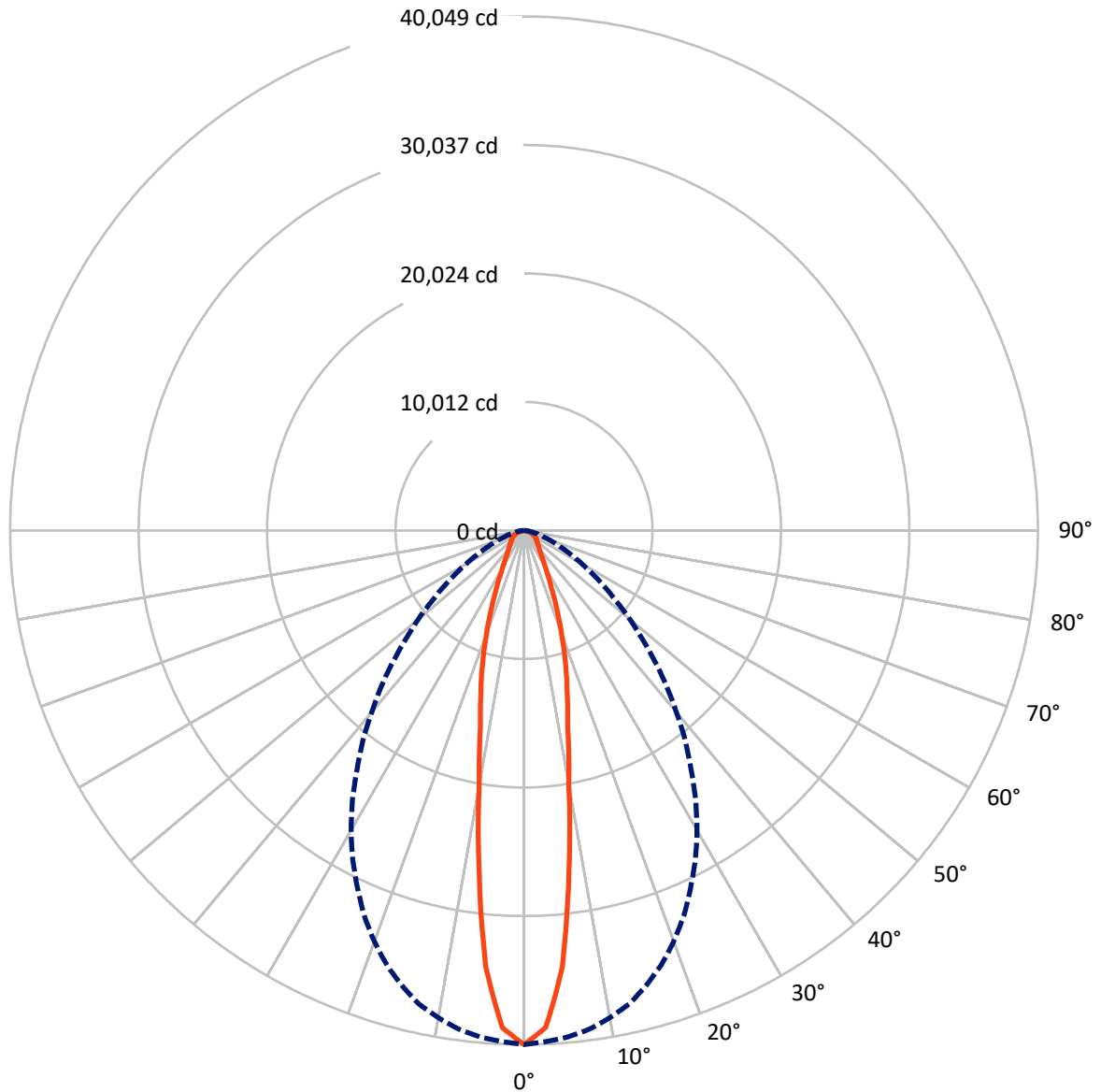
REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
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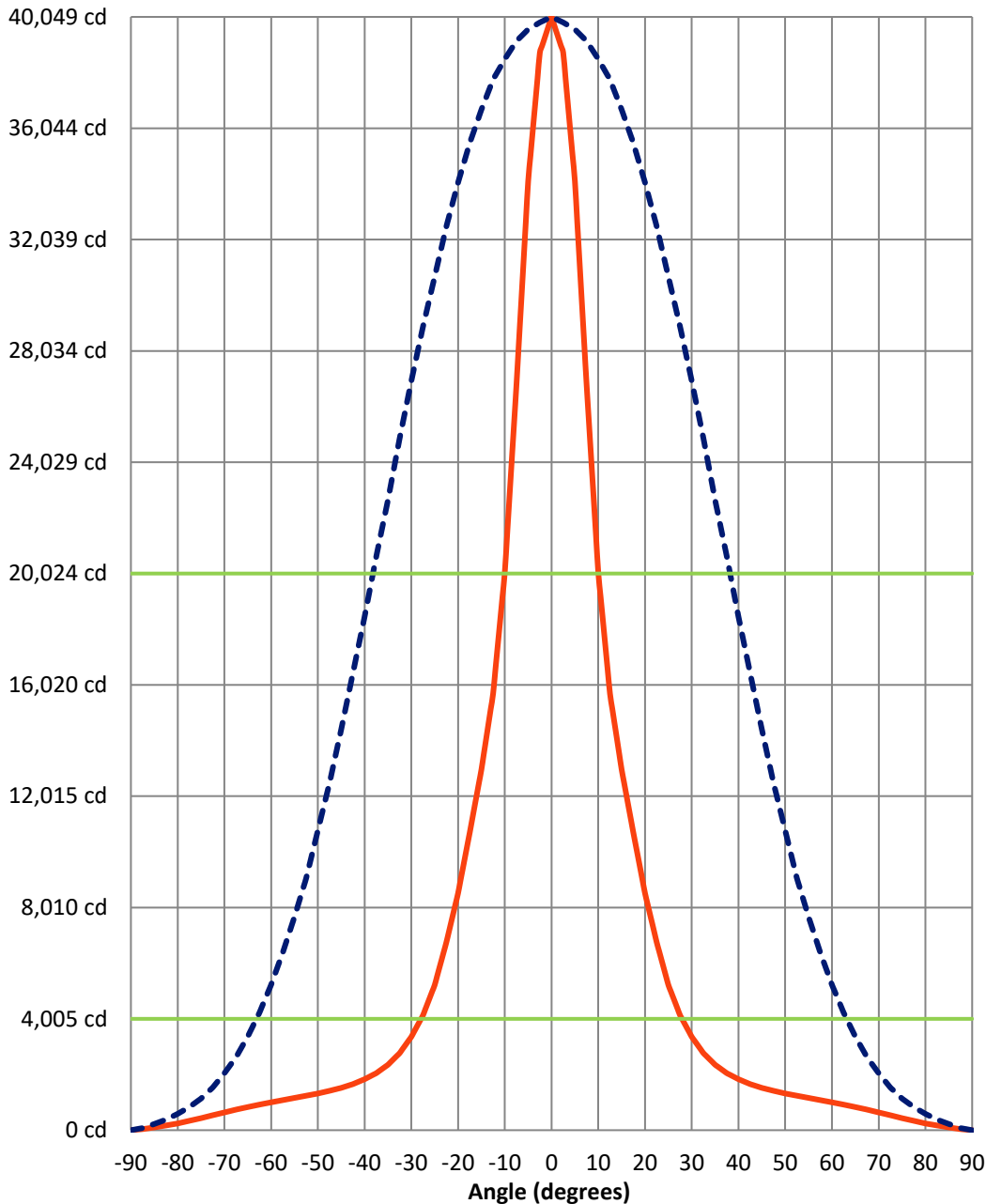
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 11475.7
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 23508.1
 Efficiency: 82.0%

Spill:
 Lumens: 5174.1
 Efficiency: 18.0%

- 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	3.3	6.7	9.5	12.0	14.1	16.0	18.1	20.1	21.9	23.6
85°	0.0	6.7	13.3	19.0	24.0	28.3	31.9	36.2	40.2	43.8	47.2
82.5°	0.0	10.0	19.9	28.4	35.9	42.4	47.9	54.3	61.5	73.3	84.0
80°	0.0	13.3	26.5	37.9	47.9	56.6	65.7	83.5	100.0	115.1	128.6
77.5°	0.0	16.5	33.0	47.3	59.8	75.1	96.7	118.3	138.4	156.8	174.2
75°	0.0	19.8	39.5	56.6	73.5	101.7	127.5	153.0	177.3	201.9	222.8
72.5°	0.0	23.0	45.9	65.9	95.4	128.2	158.2	188.9	220.7	248.3	271.7
70°	0.0	26.1	52.2	76.5	117.1	154.5	189.5	228.6	264.1	295.0	325.3
67.5°	0.0	29.2	58.4	93.1	138.6	180.7	225.2	268.3	307.7	348.0	380.6
65°	0.0	32.3	64.5	109.5	159.9	209.0	260.8	307.8	358.0	401.6	439.9
62.5°	0.0	35.3	70.5	125.6	180.9	239.6	296.2	352.1	408.4	457.5	507.5
60°	0.0	38.2	76.3	141.5	201.6	269.9	331.5	398.4	459.1	521.0	575.5
57.5°	0.0	41.0	86.7	157.1	226.0	299.9	371.4	444.6	515.9	584.6	649.1
55°	0.0	43.8	96.8	172.3	250.2	329.5	411.5	490.6	574.1	650.7	726.8
52.5°	0.0	46.5	106.7	187.2	274.0	359.4	451.1	542.2	632.0	725.4	806.6
50°	0.0	49.1	116.3	201.8	297.4	392.2	490.0	594.8	693.3	801.5	901.5
47.5°	0.0	51.6	125.6	216.7	320.3	424.3	529.5	647.5	763.3	878.7	1001.4
45°	0.0	54.0	134.5	233.5	342.6	455.7	575.2	700.4	834.9	972.9	1104.7
42.5°	0.0	56.3	143.2	249.8	364.4	486.3	620.5	759.0	906.5	1069.5	1222.5
40°	0.0	58.5	151.4	265.0	386.8	516.0	665.3	821.0	983.1	1167.9	1346.4
37.5°	0.0	60.6	159.3	279.1	409.6	544.8	709.6	882.2	1069.8	1271.0	1474.4
35°	0.0	62.6	166.8	292.4	431.5	577.5	753.3	942.6	1156.2	1385.1	1613.0
32.5°	0.0	64.4	173.9	304.7	452.5	611.8	798.0	1001.8	1242.1	1500.8	1765.5
30°	0.0	66.2	180.6	316.2	472.5	644.9	845.7	1062.9	1326.9	1617.5	1921.5
27.5°	0.0	67.8	186.9	326.7	489.2	676.9	891.9	1132.1	1415.7	1734.7	2080.3
25°	0.0	69.2	192.7	336.2	504.5	707.5	936.3	1199.2	1511.5	1862.1	2241.5
22.5°	0.0	70.6	198.0	344.8	518.7	734.8	978.7	1264.0	1605.5	1993.9	2417.7
20°	0.0	71.8	202.9	352.4	531.8	755.7	1019.0	1326.1	1697.0	2123.9	2592.5
17.5°	0.0	72.9	207.3	359.1	543.6	774.0	1049.4	1385.2	1785.5	2251.0	2764.3
15°	0.0	73.8	211.1	364.8	554.1	789.7	1072.0	1431.6	1870.1	2374.0	2931.8
12.5°	0.0	74.6	214.5	369.5	563.3	803.0	1091.4	1461.9	1930.8	2491.9	3093.4
10°	0.0	75.2	217.3	373.3	571.2	813.7	1107.5	1487.0	1969.6	2547.6	3219.4
7.5°	0.0	75.7	219.6	376.2	577.6	821.8	1120.2	1506.8	2001.0	2584.2	3276.5
5°	0.0	76.1	221.4	378.1	582.5	827.6	1129.4	1521.3	2024.7	2609.5	3320.8
2.5°	0.0	76.3	222.6	379.0	585.9	830.8	1135.1	1530.3	2040.5	2623.7	3351.5
0°	0.0	76.4	223.3	379.1	587.7	831.7	1137.3	1534.0	2048.3	2627.2	3367.8
-2.5°	0.0	76.3	222.6	379.0	585.9	830.8	1135.1	1530.3	2040.5	2623.7	3351.5
-5°	0.0	76.1	221.4	378.1	582.5	827.6	1129.4	1521.3	2024.7	2609.5	3320.8
-7.5°	0.0	75.7	219.6	376.2	577.6	821.8	1120.2	1506.8	2001.0	2584.2	3276.5
-10°	0.0	75.2	217.3	373.3	571.2	813.7	1107.5	1487.0	1969.6	2547.6	3219.4
-12.5°	0.0	74.6	214.5	369.5	563.3	803.0	1091.4	1461.9	1930.8	2491.9	3093.4
-15°	0.0	73.8	211.1	364.8	554.1	789.7	1072.0	1431.6	1870.1	2374.0	2931.8
-17.5°	0.0	72.9	207.3	359.1	543.6	774.0	1049.4	1385.2	1785.5	2251.0	2764.3
-20°	0.0	71.8	202.9	352.4	531.8	755.7	1019.0	1326.1	1697.0	2123.9	2592.5



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 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	70.6	198.0	344.8	518.7	734.8	978.7	1264.0	1605.5	1993.9	2417.7
-25°	0.0	69.2	192.7	336.2	504.5	707.5	936.3	1199.2	1511.5	1862.1	2241.5
-27.5°	0.0	67.8	186.9	326.7	489.2	676.9	891.9	1132.1	1415.7	1734.7	2080.3
-30°	0.0	66.2	180.6	316.2	472.5	644.9	845.7	1062.9	1326.9	1617.5	1921.5
-32.5°	0.0	64.4	173.9	304.7	452.5	611.8	798.0	1001.8	1242.1	1500.8	1765.5
-35°	0.0	62.6	166.8	292.4	431.5	577.5	753.3	942.6	1156.2	1385.1	1613.0
-37.5°	0.0	60.6	159.3	279.1	409.6	544.8	709.6	882.2	1069.8	1271.0	1474.4
-40°	0.0	58.5	151.4	265.0	386.8	516.0	665.3	821.0	983.1	1167.9	1346.4
-42.5°	0.0	56.3	143.2	249.8	364.4	486.3	620.5	759.0	906.5	1069.5	1222.5
-45°	0.0	54.0	134.5	233.5	342.6	455.7	575.2	700.4	834.9	972.9	1104.7
-47.5°	0.0	51.6	125.6	216.7	320.3	424.3	529.5	647.5	763.3	878.7	1001.4
-50°	0.0	49.1	116.3	201.8	297.4	392.2	490.0	594.8	693.3	801.5	901.5
-52.5°	0.0	46.5	106.7	187.2	274.0	359.4	451.1	542.2	632.0	725.4	806.6
-55°	0.0	43.8	96.8	172.3	250.2	329.5	411.5	490.6	574.1	650.7	726.8
-57.5°	0.0	41.0	86.7	157.1	226.0	299.9	371.4	444.6	515.9	584.6	649.1
-60°	0.0	38.2	76.3	141.5	201.6	269.9	331.5	398.4	459.1	521.0	575.5
-62.5°	0.0	35.3	70.5	125.6	180.9	239.6	296.2	352.1	408.4	457.5	507.5
-65°	0.0	32.3	64.5	109.5	159.9	209.0	260.8	307.8	358.0	401.6	439.9
-67.5°	0.0	29.2	58.4	93.1	138.6	180.7	225.2	268.3	307.7	348.0	380.6
-70°	0.0	26.1	52.2	76.5	117.1	154.5	189.5	228.6	264.1	295.0	325.3
-72.5°	0.0	23.0	45.9	65.9	95.4	128.2	158.2	188.9	220.7	248.3	271.7
-75°	0.0	19.8	39.5	56.6	73.5	101.7	127.5	153.0	177.3	201.9	222.8
-77.5°	0.0	16.5	33.0	47.3	59.8	75.1	96.7	118.3	138.4	156.8	174.2
-80°	0.0	13.3	26.5	37.9	47.9	56.6	65.7	83.5	100.0	115.1	128.6
-82.5°	0.0	10.0	19.9	28.4	35.9	42.4	47.9	54.3	61.5	73.3	84.0
-85°	0.0	6.7	13.3	19.0	24.0	28.3	31.9	36.2	40.2	43.8	47.2
-87.5°	0.0	3.3	6.7	9.5	12.0	14.1	16.0	18.1	20.1	21.9	23.6
-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: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-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°	25.4	27.2	28.8	30.3	31.8	33.1	34.3	35.4	36.9	38.3	39.7
85°	50.8	54.3	60.2	65.0	69.4	73.3	76.5	79.2	82.1	84.4	86.2
82.5°	93.5	101.4	107.7	112.4	117.8	122.5	126.5	130.0	133.7	137.0	140.0
80°	139.8	148.7	157.9	165.9	173.7	179.6	183.3	184.8	189.5	195.5	201.5
77.5°	189.5	203.0	214.9	225.2	233.5	240.9	246.2	249.4	256.8	265.3	272.8
75°	241.1	257.5	274.0	288.5	299.9	308.3	314.5	319.6	328.5	339.7	349.3
72.5°	294.8	317.0	336.5	353.3	368.6	380.4	389.1	394.8	403.7	416.8	427.5
70°	351.3	376.7	403.2	424.8	441.1	455.0	466.4	474.3	482.3	495.7	505.7
67.5°	409.9	446.1	475.4	498.3	516.5	533.5	546.4	554.9	558.4	571.9	583.2
65°	478.9	517.6	550.3	576.0	594.2	615.1	629.6	636.7	639.0	653.7	667.6
62.5°	549.2	592.0	627.8	657.3	681.0	700.9	717.0	726.1	727.6	738.5	754.5
60°	624.2	668.1	710.6	746.2	771.5	791.9	809.5	819.1	821.1	825.5	843.7
57.5°	702.3	749.7	799.4	839.4	868.9	885.8	905.0	915.6	919.9	917.3	936.0
55°	787.4	836.6	892.7	939.2	970.8	986.2	1004.1	1019.4	1024.6	1021.2	1032.4
52.5°	883.7	932.8	992.6	1043.7	1078.9	1097.4	1110.0	1128.5	1136.9	1133.1	1130.9
50°	985.0	1046.6	1096.1	1154.5	1197.1	1221.3	1221.7	1244.6	1255.6	1252.2	1237.1
47.5°	1099.6	1169.2	1206.6	1273.5	1328.8	1357.4	1359.3	1368.4	1382.0	1385.6	1372.7
45°	1223.4	1308.3	1348.5	1408.4	1470.3	1505.2	1515.8	1499.4	1523.8	1531.3	1523.2
42.5°	1353.8	1462.2	1525.7	1550.0	1622.1	1670.6	1689.4	1677.9	1676.6	1693.6	1693.3
40°	1504.5	1628.9	1724.3	1749.5	1786.0	1853.0	1892.7	1890.6	1846.0	1877.7	1886.0
37.5°	1665.5	1827.2	1945.2	1997.6	1970.0	2059.4	2117.6	2141.1	2113.4	2082.2	2117.8
35°	1835.0	2039.4	2198.3	2287.7	2291.7	2289.6	2380.7	2429.5	2432.8	2375.8	2388.7
32.5°	2024.7	2264.5	2475.1	2619.7	2685.4	2644.8	2668.5	2771.0	2821.3	2799.6	2717.4
30°	2228.3	2522.7	2780.8	2984.8	3131.6	3174.8	3077.0	3157.0	3268.4	3312.8	3277.2
27.5°	2434.3	2796.5	3123.9	3406.8	3634.1	3778.2	3781.6	3657.9	3784.2	3891.4	3932.8
25°	2643.5	3070.6	3487.8	3871.1	4215.1	4462.8	4576.8	4590.1	4413.4	4574.0	4723.6
22.5°	2866.5	3352.5	3847.6	4365.6	4845.0	5208.7	5485.1	5651.6	5646.2	5477.7	5609.2
20°	3102.5	3659.6	4236.0	4850.3	5504.2	6004.2	6467.3	6821.5	7034.8	7105.6	6967.6
17.5°	3338.0	3969.1	4643.6	5375.4	6132.0	6825.0	7519.1	8084.4	8532.2	8899.8	9031.3
15°	3570.7	4278.1	5052.9	5904.0	6778.3	7645.8	8538.2	9403.8	10165.8	10838.6	11237.4
12.5°	3797.9	4582.8	5458.9	6430.2	7433.7	8477.9	9542.7	10597.3	11695.1	12784.7	13612.8
10°	4017.0	4879.4	5856.6	6947.2	8088.4	9309.7	10545.4	11797.0	13130.6	14415.6	15652.8
7.5°	4110.7	5073.4	6199.2	7448.1	8732.1	10128.6	11532.9	12985.9	14544.1	16043.6	17554.4
5°	4168.6	5150.4	6295.4	7596.6	9024.9	10663.0	12338.7	14138.5	15916.6	17643.0	19423.2
2.5°	4207.0	5203.0	6359.7	7655.2	9068.6	10750.8	12447.5	14316.3	16311.4	18307.5	20426.8
0°	4225.9	5230.9	6391.7	7673.0	9063.0	10779.2	12489.6	14417.4	16439.2	18469.8	20638.6
-2.5°	4207.0	5203.0	6359.7	7655.2	9068.6	10750.8	12447.5	14316.3	16311.4	18307.5	20426.8
-5°	4168.6	5150.4	6295.4	7596.6	9024.9	10663.0	12338.7	14138.5	15916.6	17643.0	19423.2
-7.5°	4110.7	5073.4	6199.2	7448.1	8732.1	10128.6	11532.9	12985.9	14544.1	16043.6	17554.4
-10°	4017.0	4879.4	5856.6	6947.2	8088.4	9309.7	10545.4	11797.0	13130.6	14415.6	15652.8
-12.5°	3797.9	4582.8	5458.9	6430.2	7433.7	8477.9	9542.7	10597.3	11695.1	12784.7	13612.8
-15°	3570.7	4278.1	5052.9	5904.0	6778.3	7645.8	8538.2	9403.8	10165.8	10838.6	11237.4
-17.5°	3338.0	3969.1	4643.6	5375.4	6132.0	6825.0	7519.1	8084.4	8532.2	8899.8	9031.3
-20°	3102.5	3659.6	4236.0	4850.3	5504.2	6004.2	6467.3	6821.5	7034.8	7105.6	6967.6



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2866.5	3352.5	3847.6	4365.6	4845.0	5208.7	5485.1	5651.6	5646.2	5477.7	5609.2
-25°	2643.5	3070.6	3487.8	3871.1	4215.1	4462.8	4576.8	4590.1	4413.4	4574.0	4723.6
-27.5°	2434.3	2796.5	3123.9	3406.8	3634.1	3778.2	3781.6	3657.9	3784.2	3891.4	3932.8
-30°	2228.3	2522.7	2780.8	2984.8	3131.6	3174.8	3077.0	3157.0	3268.4	3312.8	3277.2
-32.5°	2024.7	2264.5	2475.1	2619.7	2685.4	2644.8	2668.5	2771.0	2821.3	2799.6	2717.4
-35°	1835.0	2039.4	2198.3	2287.7	2291.7	2289.6	2380.7	2429.5	2432.8	2375.8	2388.7
-37.5°	1665.5	1827.2	1945.2	1997.6	1970.0	2059.4	2117.6	2141.1	2113.4	2082.2	2117.8
-40°	1504.5	1628.9	1724.3	1749.5	1786.0	1853.0	1892.7	1890.6	1846.0	1877.7	1886.0
-42.5°	1353.8	1462.2	1525.7	1550.0	1622.1	1670.6	1689.4	1677.9	1676.6	1693.6	1693.3
-45°	1223.4	1308.3	1348.5	1408.4	1470.3	1505.2	1515.8	1499.4	1523.8	1531.3	1523.2
-47.5°	1099.6	1169.2	1206.6	1273.5	1328.8	1357.4	1359.3	1368.4	1382.0	1385.6	1372.7
-50°	985.0	1046.6	1096.1	1154.5	1197.1	1221.3	1221.7	1244.6	1255.6	1252.2	1237.1
-52.5°	883.7	932.8	992.6	1043.7	1078.9	1097.4	1110.0	1128.5	1136.9	1133.1	1130.9
-55°	787.4	836.6	892.7	939.2	970.8	986.2	1004.1	1019.4	1024.6	1021.2	1032.4
-57.5°	702.3	749.7	799.4	839.4	868.9	885.8	905.0	915.6	919.9	917.3	936.0
-60°	624.2	668.1	710.6	746.2	771.5	791.9	809.5	819.1	821.1	825.5	843.7
-62.5°	549.2	592.0	627.8	657.3	681.0	700.9	717.0	726.1	727.6	738.5	754.5
-65°	478.9	517.6	550.3	576.0	594.2	615.1	629.6	636.7	639.0	653.7	667.6
-67.5°	409.9	446.1	475.4	498.3	516.5	533.5	546.4	554.9	558.4	571.9	583.2
-70°	351.3	376.7	403.2	424.8	441.1	455.0	466.4	474.3	482.3	495.7	505.7
-72.5°	294.8	317.0	336.5	353.3	368.6	380.4	389.1	394.8	403.7	416.8	427.5
-75°	241.1	257.5	274.0	288.5	299.9	308.3	314.5	319.6	328.5	339.7	349.3
-77.5°	189.5	203.0	214.9	225.2	233.5	240.9	246.2	249.4	256.8	265.3	272.8
-80°	139.8	148.7	157.9	165.9	173.7	179.6	183.3	184.8	189.5	195.5	201.5
-82.5°	93.5	101.4	107.7	112.4	117.8	122.5	126.5	130.0	133.7	137.0	140.0
-85°	50.8	54.3	60.2	65.0	69.4	73.3	76.5	79.2	82.1	84.4	86.2
-87.5°	25.4	27.2	28.8	30.3	31.8	33.1	34.3	35.4	36.9	38.3	39.7
-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: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-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°	41.0	40.3	39.5	38.4	37.3	37.3	37.3	37.1	36.9	36.6	36.2
85°	87.5	89.1	90.7	92.3	93.7	95.2	96.5	97.6	98.5	98.4	98.0
82.5°	142.5	147.2	152.0	156.4	160.6	162.9	164.6	165.7	166.3	167.6	168.6
80°	206.8	213.8	220.2	225.6	230.0	233.2	235.8	237.9	239.5	241.2	242.3
77.5°	279.8	287.6	295.0	301.5	307.1	312.4	316.9	320.5	323.1	327.2	331.0
75°	357.3	366.1	375.3	383.6	390.9	398.6	406.3	413.3	419.6	424.8	428.7
72.5°	435.7	444.9	456.3	466.9	476.7	487.1	497.4	506.4	514.2	521.5	528.0
70°	513.2	521.8	536.4	550.5	563.7	576.2	588.5	599.6	609.4	618.9	627.5
67.5°	593.1	602.2	620.4	636.7	651.3	665.0	679.4	692.2	703.4	713.5	722.1
65°	678.4	686.5	706.1	724.0	739.4	752.3	767.8	781.8	794.3	805.3	814.7
62.5°	766.7	774.7	791.0	808.6	823.3	835.7	853.9	869.7	883.0	894.2	903.5
60°	856.2	863.2	875.7	895.1	911.5	925.1	941.1	956.5	969.5	980.4	990.3
57.5°	949.2	956.3	962.3	981.7	997.6	1009.9	1023.9	1039.0	1051.6	1062.0	1072.1
55°	1045.3	1050.7	1048.9	1066.8	1081.7	1091.7	1102.2	1118.1	1130.6	1139.8	1149.1
52.5°	1143.6	1150.0	1145.5	1153.1	1169.3	1178.4	1182.8	1200.0	1212.9	1221.1	1229.6
50°	1252.9	1258.1	1254.1	1249.8	1265.5	1274.9	1277.5	1291.3	1303.0	1309.3	1315.3
47.5°	1371.5	1377.8	1374.7	1357.5	1371.5	1383.4	1383.8	1389.7	1401.7	1406.5	1410.2
45°	1500.5	1512.7	1510.1	1498.2	1496.3	1508.4	1507.2	1502.4	1516.3	1522.6	1524.5
42.5°	1669.8	1665.8	1669.6	1662.7	1641.4	1655.1	1656.8	1639.4	1656.9	1664.4	1660.0
40°	1876.9	1839.1	1860.0	1856.9	1836.9	1833.9	1844.7	1830.6	1833.2	1844.0	1835.7
37.5°	2123.4	2096.4	2085.1	2094.4	2088.6	2063.1	2083.4	2078.4	2062.3	2080.5	2072.5
35°	2426.9	2418.8	2357.9	2394.9	2402.6	2378.4	2385.4	2395.9	2361.0	2388.4	2385.6
32.5°	2781.6	2799.6	2786.5	2763.7	2798.3	2802.7	2762.7	2810.8	2791.4	2798.3	2817.2
30°	3183.4	3275.6	3320.5	3280.4	3301.9	3344.9	3325.2	3358.6	3374.6	3349.6	3397.0
27.5°	3885.3	3852.6	3960.2	4006.9	3956.8	4035.1	4091.9	4066.8	4149.9	4100.7	4171.0
25°	4777.4	4729.4	4758.2	4912.8	4947.1	4907.3	5067.5	5086.4	5152.4	5160.4	5209.4
22.5°	5825.5	5941.5	5928.0	5975.1	6169.2	6234.2	6293.3	6447.4	6412.3	6552.0	6576.3
20°	6997.3	7288.9	7489.8	7531.9	7615.0	7838.3	7940.7	8062.3	8143.9	8276.1	8387.9
17.5°	8979.7	8830.3	9224.3	9471.7	9601.9	9648.4	9917.4	10005.1	10207.1	10322.5	10437.1
15°	11525.0	11612.1	11434.3	11670.1	12068.7	12203.3	12048.6	12409.8	12511.4	12705.8	12740.2
12.5°	14245.5	14685.9	14901.8	14960.5	14752.2	15319.1	15546.1	15261.1	15584.5	15526.2	15792.2
10°	16841.3	17911.4	18551.9	19002.5	19276.4	19441.3	19605.3	19899.9	19905.0	20123.3	19995.8
7.5°	18972.5	20329.2	21625.2	22882.5	23888.1	24451.9	24894.6	25319.2	25885.8	26157.1	26333.4
5°	21057.5	22622.7	24173.5	25697.6	27077.7	28405.4	29706.8	30835.6	31433.8	32132.9	32756.1
2.5°	22406.1	24385.9	26366.4	28328.1	29922.8	31386.0	32740.5	33998.4	35101.9	36122.8	36984.9
0°	22669.3	24885.1	26951.0	28908.2	30703.7	32511.0	34089.1	35511.5	36713.4	37797.8	38529.5
-2.5°	22406.1	24385.9	26366.4	28328.1	29922.8	31386.0	32740.5	33998.4	35101.9	36122.8	36984.9
-5°	21057.5	22622.7	24173.5	25697.6	27077.7	28405.4	29706.8	30835.6	31433.8	32132.9	32756.1
-7.5°	18972.5	20329.2	21625.2	22882.5	23888.1	24451.9	24894.6	25319.2	25885.8	26157.1	26333.4
-10°	16841.3	17911.4	18551.9	19002.5	19276.4	19441.3	19605.3	19899.9	19905.0	20123.3	19995.8
-12.5°	14245.5	14685.9	14901.8	14960.5	14752.2	15319.1	15546.1	15261.1	15584.5	15526.2	15792.2
-15°	11525.0	11612.1	11434.3	11670.1	12068.7	12203.3	12048.6	12409.8	12511.4	12705.8	12740.2
-17.5°	8979.7	8830.3	9224.3	9471.7	9601.9	9648.4	9917.4	10005.1	10207.1	10322.5	10437.1
-20°	6997.3	7288.9	7489.8	7531.9	7615.0	7838.3	7940.7	8062.3	8143.9	8276.1	8387.9



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5825.5	5941.5	5928.0	5975.1	6169.2	6234.2	6293.3	6447.4	6412.3	6552.0	6576.3
-25°	4777.4	4729.4	4758.2	4912.8	4947.1	4907.3	5067.5	5086.4	5152.4	5160.4	5209.4
-27.5°	3885.3	3852.6	3960.2	4006.9	3956.8	4035.1	4091.9	4066.8	4149.9	4100.7	4171.0
-30°	3183.4	3275.6	3320.5	3280.4	3301.9	3344.9	3325.2	3358.6	3374.6	3349.6	3397.0
-32.5°	2781.6	2799.6	2786.5	2763.7	2798.3	2802.7	2762.7	2810.8	2791.4	2798.3	2817.2
-35°	2426.9	2418.8	2357.9	2394.9	2402.6	2378.4	2385.4	2395.9	2361.0	2388.4	2385.6
-37.5°	2123.4	2096.4	2085.1	2094.4	2088.6	2063.1	2083.4	2078.4	2062.3	2080.5	2072.5
-40°	1876.9	1839.1	1860.0	1856.9	1836.9	1833.9	1844.7	1830.6	1833.2	1844.0	1835.7
-42.5°	1669.8	1665.8	1669.6	1662.7	1641.4	1655.1	1656.8	1639.4	1656.9	1664.4	1660.0
-45°	1500.5	1512.7	1510.1	1498.2	1496.3	1508.4	1507.2	1502.4	1516.3	1522.6	1524.5
-47.5°	1371.5	1377.8	1374.7	1357.5	1371.5	1383.4	1383.8	1389.7	1401.7	1406.5	1410.2
-50°	1252.9	1258.1	1254.1	1249.8	1265.5	1274.9	1277.5	1291.3	1303.0	1309.3	1315.3
-52.5°	1143.6	1150.0	1145.5	1153.1	1169.3	1178.4	1182.8	1200.0	1212.9	1221.1	1229.6
-55°	1045.3	1050.7	1048.9	1066.8	1081.7	1091.7	1102.2	1118.1	1130.6	1139.8	1149.1
-57.5°	949.2	956.3	962.3	981.7	997.6	1009.9	1023.9	1039.0	1051.6	1062.0	1072.1
-60°	856.2	863.2	875.7	895.1	911.5	925.1	941.1	956.5	969.5	980.4	990.3
-62.5°	766.7	774.7	791.0	808.6	823.3	835.7	853.9	869.7	883.0	894.2	903.5
-65°	678.4	686.5	706.1	724.0	739.4	752.3	767.8	781.8	794.3	805.3	814.7
-67.5°	593.1	602.2	620.4	636.7	651.3	665.0	679.4	692.2	703.4	713.5	722.1
-70°	513.2	521.8	536.4	550.5	563.7	576.2	588.5	599.6	609.4	618.9	627.5
-72.5°	435.7	444.9	456.3	466.9	476.7	487.1	497.4	506.4	514.2	521.5	528.0
-75°	357.3	366.1	375.3	383.6	390.9	398.6	406.3	413.3	419.6	424.8	428.7
-77.5°	279.8	287.6	295.0	301.5	307.1	312.4	316.9	320.5	323.1	327.2	331.0
-80°	206.8	213.8	220.2	225.6	230.0	233.2	235.8	237.9	239.5	241.2	242.3
-82.5°	142.5	147.2	152.0	156.4	160.6	162.9	164.6	165.7	166.3	167.6	168.6
-85°	87.5	89.1	90.7	92.3	93.7	95.2	96.5	97.6	98.5	98.4	98.0
-87.5°	41.0	40.3	39.5	38.4	37.3	37.3	37.3	37.1	36.9	36.6	36.2
-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: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	35.7	35.2	36.7	38.2	36.7	35.2	35.7	36.2	36.6	36.9	37.1
85°	97.4	96.5	98.3	99.9	98.3	96.5	97.4	98.0	98.4	98.5	97.6
82.5°	169.3	169.6	170.2	170.4	170.2	169.6	169.3	168.6	167.6	166.3	165.7
80°	242.9	242.8	242.2	241.0	242.2	242.8	242.9	242.3	241.2	239.5	237.9
77.5°	334.0	336.2	337.5	338.0	337.5	336.2	334.0	331.0	327.2	323.1	320.5
75°	431.4	432.7	432.9	432.0	432.9	432.7	431.4	428.7	424.8	419.6	413.3
72.5°	533.5	537.7	538.6	537.8	538.6	537.7	533.5	528.0	521.5	514.2	506.4
70°	634.6	640.1	640.0	637.7	640.0	640.1	634.6	627.5	618.9	609.4	599.6
67.5°	729.0	734.1	738.1	740.6	738.1	734.1	729.0	722.1	713.5	703.4	692.2
65°	822.1	827.7	830.8	831.7	830.8	827.7	822.1	814.7	805.3	794.3	781.8
62.5°	910.7	915.8	918.8	919.8	918.8	915.8	910.7	903.5	894.2	883.0	869.7
60°	998.0	1003.6	1004.4	1002.1	1004.4	1003.6	998.0	990.3	980.4	969.5	956.5
57.5°	1080.0	1085.7	1085.5	1081.4	1085.5	1085.7	1080.0	1072.1	1062.0	1051.6	1039.0
55°	1155.7	1159.8	1161.4	1160.8	1161.4	1159.8	1155.7	1149.1	1139.8	1130.6	1118.1
52.5°	1236.0	1239.3	1240.7	1240.1	1240.7	1239.3	1236.0	1229.6	1221.1	1212.9	1200.0
50°	1319.6	1320.0	1319.9	1319.5	1319.9	1320.0	1319.6	1315.3	1309.3	1303.0	1291.3
47.5°	1415.3	1416.3	1416.5	1416.5	1416.5	1416.3	1415.3	1410.2	1406.5	1401.7	1389.7
45°	1528.4	1525.3	1522.0	1522.3	1522.0	1525.3	1528.4	1524.5	1522.6	1516.3	1502.4
42.5°	1664.1	1660.6	1656.4	1657.4	1656.4	1660.6	1664.1	1660.0	1664.4	1656.9	1639.4
40°	1842.9	1842.0	1835.9	1833.8	1835.9	1842.0	1842.9	1835.7	1844.0	1833.2	1830.6
37.5°	2073.7	2070.4	2056.9	2051.2	2056.9	2070.4	2073.7	2072.5	2080.5	2062.3	2078.4
35°	2377.4	2372.9	2352.3	2353.9	2352.3	2372.9	2377.4	2385.6	2388.4	2361.0	2395.9
32.5°	2807.8	2809.3	2778.3	2771.2	2778.3	2809.3	2807.8	2817.2	2798.3	2791.4	2810.8
30°	3367.5	3379.8	3343.3	3359.0	3343.3	3379.8	3367.5	3397.0	3349.6	3374.6	3358.6
27.5°	4169.7	4193.1	4160.8	4134.8	4160.8	4193.1	4169.7	4171.0	4100.7	4149.9	4066.8
25°	5273.8	5291.3	5254.4	5222.1	5254.4	5291.3	5273.8	5209.4	5160.4	5152.4	5086.4
22.5°	6711.1	6709.9	6708.1	6759.1	6708.1	6709.9	6711.1	6576.3	6552.0	6412.3	6447.4
20°	8460.1	8417.7	8481.2	8522.3	8481.2	8417.7	8460.1	8387.9	8276.1	8143.9	8062.3
17.5°	10463.7	10543.1	10604.1	10705.8	10604.1	10543.1	10463.7	10437.1	10322.5	10207.1	10005.1
15°	12826.4	12946.2	13007.1	12974.4	13007.1	12946.2	12826.4	12740.2	12705.8	12511.4	12409.8
12.5°	15801.6	15944.6	15839.0	15707.5	15839.0	15944.6	15801.6	15792.2	15526.2	15584.5	15261.1
10°	19997.8	20305.8	20323.0	20065.6	20323.0	20305.8	19997.8	19995.8	20123.3	19905.0	19899.9
7.5°	26435.9	26585.6	26813.1	26824.6	26813.1	26585.6	26435.9	26333.4	26157.1	25885.8	25319.2
5°	33038.6	33437.4	33694.6	34139.1	33694.6	33437.4	33038.6	32756.1	32132.9	31433.8	30835.6
2.5°	37541.7	38057.2	38255.0	38758.8	38255.0	38057.2	37541.7	36984.9	36122.8	35101.9	33998.4
0°	39181.9	39599.2	39849.0	40048.9	39849.0	39599.2	39181.9	38529.5	37797.8	36713.4	35511.5
-2.5°	37541.7	38057.2	38255.0	38758.8	38255.0	38057.2	37541.7	36984.9	36122.8	35101.9	33998.4
-5°	33038.6	33437.4	33694.6	34139.1	33694.6	33437.4	33038.6	32756.1	32132.9	31433.8	30835.6
-7.5°	26435.9	26585.6	26813.1	26824.6	26813.1	26585.6	26435.9	26333.4	26157.1	25885.8	25319.2
-10°	19997.8	20305.8	20323.0	20065.6	20323.0	20305.8	19997.8	19995.8	20123.3	19905.0	19899.9
-12.5°	15801.6	15944.6	15839.0	15707.5	15839.0	15944.6	15801.6	15792.2	15526.2	15584.5	15261.1
-15°	12826.4	12946.2	13007.1	12974.4	13007.1	12946.2	12826.4	12740.2	12705.8	12511.4	12409.8
-17.5°	10463.7	10543.1	10604.1	10705.8	10604.1	10543.1	10463.7	10437.1	10322.5	10207.1	10005.1
-20°	8460.1	8417.7	8481.2	8522.3	8481.2	8417.7	8460.1	8387.9	8276.1	8143.9	8062.3



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6711.1	6709.9	6708.1	6759.1	6708.1	6709.9	6711.1	6576.3	6552.0	6412.3	6447.4
-25°	5273.8	5291.3	5254.4	5222.1	5254.4	5291.3	5273.8	5209.4	5160.4	5152.4	5086.4
-27.5°	4169.7	4193.1	4160.8	4134.8	4160.8	4193.1	4169.7	4171.0	4100.7	4149.9	4066.8
-30°	3367.5	3379.8	3343.3	3359.0	3343.3	3379.8	3367.5	3397.0	3349.6	3374.6	3358.6
-32.5°	2807.8	2809.3	2778.3	2771.2	2778.3	2809.3	2807.8	2817.2	2798.3	2791.4	2810.8
-35°	2377.4	2372.9	2352.3	2353.9	2352.3	2372.9	2377.4	2385.6	2388.4	2361.0	2395.9
-37.5°	2073.7	2070.4	2056.9	2051.2	2056.9	2070.4	2073.7	2072.5	2080.5	2062.3	2078.4
-40°	1842.9	1842.0	1835.9	1833.8	1835.9	1842.0	1842.9	1835.7	1844.0	1833.2	1830.6
-42.5°	1664.1	1660.6	1656.4	1657.4	1656.4	1660.6	1664.1	1660.0	1664.4	1656.9	1639.4
-45°	1528.4	1525.3	1522.0	1522.3	1522.0	1525.3	1528.4	1524.5	1522.6	1516.3	1502.4
-47.5°	1415.3	1416.3	1416.5	1416.5	1416.5	1416.3	1415.3	1410.2	1406.5	1401.7	1389.7
-50°	1319.6	1320.0	1319.9	1319.5	1319.9	1320.0	1319.6	1315.3	1309.3	1303.0	1291.3
-52.5°	1236.0	1239.3	1240.7	1240.1	1240.7	1239.3	1236.0	1229.6	1221.1	1212.9	1200.0
-55°	1155.7	1159.8	1161.4	1160.8	1161.4	1159.8	1155.7	1149.1	1139.8	1130.6	1118.1
-57.5°	1080.0	1085.7	1085.5	1081.4	1085.5	1085.7	1080.0	1072.1	1062.0	1051.6	1039.0
-60°	998.0	1003.6	1004.4	1002.1	1004.4	1003.6	998.0	990.3	980.4	969.5	956.5
-62.5°	910.7	915.8	918.8	919.8	918.8	915.8	910.7	903.5	894.2	883.0	869.7
-65°	822.1	827.7	830.8	831.7	830.8	827.7	822.1	814.7	805.3	794.3	781.8
-67.5°	729.0	734.1	738.1	740.6	738.1	734.1	729.0	722.1	713.5	703.4	692.2
-70°	634.6	640.1	640.0	637.7	640.0	640.1	634.6	627.5	618.9	609.4	599.6
-72.5°	533.5	537.7	538.6	537.8	538.6	537.7	533.5	528.0	521.5	514.2	506.4
-75°	431.4	432.7	432.9	432.0	432.9	432.7	431.4	428.7	424.8	419.6	413.3
-77.5°	334.0	336.2	337.5	338.0	337.5	336.2	334.0	331.0	327.2	323.1	320.5
-80°	242.9	242.8	242.2	241.0	242.2	242.8	242.9	242.3	241.2	239.5	237.9
-82.5°	169.3	169.6	170.2	170.4	170.2	169.6	169.3	168.6	167.6	166.3	165.7
-85°	97.4	96.5	98.3	99.9	98.3	96.5	97.4	98.0	98.4	98.5	97.6
-87.5°	35.7	35.2	36.7	38.2	36.7	35.2	35.7	36.2	36.6	36.9	37.1
-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: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	37.3	37.3	37.3	38.4	39.5	40.3	41.0	39.7	38.3	36.9	35.4
85°	96.5	95.2	93.7	92.3	90.7	89.1	87.5	86.2	84.4	82.1	79.2
82.5°	164.6	162.9	160.6	156.4	152.0	147.2	142.5	140.0	137.0	133.7	130.0
80°	235.8	233.2	230.0	225.6	220.2	213.8	206.8	201.5	195.5	189.5	184.8
77.5°	316.9	312.4	307.1	301.5	295.0	287.6	279.8	272.8	265.3	256.8	249.4
75°	406.3	398.6	390.9	383.6	375.3	366.1	357.3	349.3	339.7	328.5	319.6
72.5°	497.4	487.1	476.7	466.9	456.3	444.9	435.7	427.5	416.8	403.7	394.8
70°	588.5	576.2	563.7	550.5	536.4	521.8	513.2	505.7	495.7	482.3	474.3
67.5°	679.4	665.0	651.3	636.7	620.4	602.2	593.1	583.2	571.9	558.4	554.9
65°	767.8	752.3	739.4	724.0	706.1	686.5	678.4	667.6	653.7	639.0	636.7
62.5°	853.9	835.7	823.3	808.6	791.0	774.7	766.7	754.5	738.5	727.6	726.1
60°	941.1	925.1	911.5	895.1	875.7	863.2	856.2	843.7	825.5	821.1	819.1
57.5°	1023.9	1009.9	997.6	981.7	962.3	956.3	949.2	936.0	917.3	919.9	915.6
55°	1102.2	1091.7	1081.7	1066.8	1048.9	1050.7	1045.3	1032.4	1021.2	1024.6	1019.4
52.5°	1182.8	1178.4	1169.3	1153.1	1145.5	1150.0	1143.6	1130.9	1133.1	1136.9	1128.5
50°	1277.5	1274.9	1265.5	1249.8	1254.1	1258.1	1252.9	1237.1	1252.2	1255.6	1244.6
47.5°	1383.8	1383.4	1371.5	1357.5	1374.7	1377.8	1371.5	1372.7	1385.6	1382.0	1368.4
45°	1507.2	1508.4	1496.3	1498.2	1510.1	1512.7	1500.5	1523.2	1531.3	1523.8	1499.4
42.5°	1656.8	1655.1	1641.4	1662.7	1669.6	1665.8	1669.8	1693.3	1693.6	1676.6	1677.9
40°	1844.7	1833.9	1836.9	1856.9	1860.0	1839.1	1876.9	1886.0	1877.7	1846.0	1890.6
37.5°	2083.4	2063.1	2088.6	2094.4	2085.1	2096.4	2123.4	2117.8	2082.2	2113.4	2141.1
35°	2385.4	2378.4	2402.6	2394.9	2357.9	2418.8	2426.9	2388.7	2375.8	2432.8	2429.5
32.5°	2762.7	2802.7	2798.3	2763.7	2786.5	2799.6	2781.6	2717.4	2799.6	2821.3	2771.0
30°	3325.2	3344.9	3301.9	3280.4	3320.5	3275.6	3183.4	3277.2	3312.8	3268.4	3157.0
27.5°	4091.9	4035.1	3956.8	4006.9	3960.2	3852.6	3885.3	3932.8	3891.4	3784.2	3657.9
25°	5067.5	4907.3	4947.1	4912.8	4758.2	4729.4	4777.4	4723.6	4574.0	4413.4	4590.1
22.5°	6293.3	6234.2	6169.2	5975.1	5928.0	5941.5	5825.5	5609.2	5477.7	5646.2	5651.6
20°	7940.7	7838.3	7615.0	7531.9	7489.8	7288.9	6997.3	6967.6	7105.6	7034.8	6821.5
17.5°	9917.4	9648.4	9601.9	9471.7	9224.3	8830.3	8979.7	9031.3	8899.8	8532.2	8084.4
15°	12048.6	12203.3	12068.7	11670.1	11434.3	11612.1	11525.0	11237.4	10838.6	10165.8	9403.8
12.5°	15546.1	15319.1	14752.2	14960.5	14901.8	14685.9	14245.5	13612.8	12784.7	11695.1	10597.3
10°	19605.3	19441.3	19276.4	19002.5	18551.9	17911.4	16841.3	15652.8	14415.6	13130.6	11797.0
7.5°	24894.6	24451.9	23888.1	22882.5	21625.2	20329.2	18972.5	17554.4	16043.6	14544.1	12985.9
5°	29706.8	28405.4	27077.7	25697.6	24173.5	22622.7	21057.5	19423.2	17643.0	15916.6	14138.5
2.5°	32740.5	31386.0	29922.8	28328.1	26366.4	24385.9	22406.1	20426.8	18307.5	16311.4	14316.3
0°	34089.1	32511.0	30703.7	28908.2	26951.0	24885.1	22669.3	20638.6	18469.8	16439.2	14417.4
-2.5°	32740.5	31386.0	29922.8	28328.1	26366.4	24385.9	22406.1	20426.8	18307.5	16311.4	14316.3
-5°	29706.8	28405.4	27077.7	25697.6	24173.5	22622.7	21057.5	19423.2	17643.0	15916.6	14138.5
-7.5°	24894.6	24451.9	23888.1	22882.5	21625.2	20329.2	18972.5	17554.4	16043.6	14544.1	12985.9
-10°	19605.3	19441.3	19276.4	19002.5	18551.9	17911.4	16841.3	15652.8	14415.6	13130.6	11797.0
-12.5°	15546.1	15319.1	14752.2	14960.5	14901.8	14685.9	14245.5	13612.8	12784.7	11695.1	10597.3
-15°	12048.6	12203.3	12068.7	11670.1	11434.3	11612.1	11525.0	11237.4	10838.6	10165.8	9403.8
-17.5°	9917.4	9648.4	9601.9	9471.7	9224.3	8830.3	8979.7	9031.3	8899.8	8532.2	8084.4
-20°	7940.7	7838.3	7615.0	7531.9	7489.8	7288.9	6997.3	6967.6	7105.6	7034.8	6821.5



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6293.3	6234.2	6169.2	5975.1	5928.0	5941.5	5825.5	5609.2	5477.7	5646.2	5651.6
-25°	5067.5	4907.3	4947.1	4912.8	4758.2	4729.4	4777.4	4723.6	4574.0	4413.4	4590.1
-27.5°	4091.9	4035.1	3956.8	4006.9	3960.2	3852.6	3885.3	3932.8	3891.4	3784.2	3657.9
-30°	3325.2	3344.9	3301.9	3280.4	3320.5	3275.6	3183.4	3277.2	3312.8	3268.4	3157.0
-32.5°	2762.7	2802.7	2798.3	2763.7	2786.5	2799.6	2781.6	2717.4	2799.6	2821.3	2771.0
-35°	2385.4	2378.4	2402.6	2394.9	2357.9	2418.8	2426.9	2388.7	2375.8	2432.8	2429.5
-37.5°	2083.4	2063.1	2088.6	2094.4	2085.1	2096.4	2123.4	2117.8	2082.2	2113.4	2141.1
-40°	1844.7	1833.9	1836.9	1856.9	1860.0	1839.1	1876.9	1886.0	1877.7	1846.0	1890.6
-42.5°	1656.8	1655.1	1641.4	1662.7	1669.6	1665.8	1669.8	1693.3	1693.6	1676.6	1677.9
-45°	1507.2	1508.4	1496.3	1498.2	1510.1	1512.7	1500.5	1523.2	1531.3	1523.8	1499.4
-47.5°	1383.8	1383.4	1371.5	1357.5	1374.7	1377.8	1371.5	1372.7	1385.6	1382.0	1368.4
-50°	1277.5	1274.9	1265.5	1249.8	1254.1	1258.1	1252.9	1237.1	1252.2	1255.6	1244.6
-52.5°	1182.8	1178.4	1169.3	1153.1	1145.5	1150.0	1143.6	1130.9	1133.1	1136.9	1128.5
-55°	1102.2	1091.7	1081.7	1066.8	1048.9	1050.7	1045.3	1032.4	1021.2	1024.6	1019.4
-57.5°	1023.9	1009.9	997.6	981.7	962.3	956.3	949.2	936.0	917.3	919.9	915.6
-60°	941.1	925.1	911.5	895.1	875.7	863.2	856.2	843.7	825.5	821.1	819.1
-62.5°	853.9	835.7	823.3	808.6	791.0	774.7	766.7	754.5	738.5	727.6	726.1
-65°	767.8	752.3	739.4	724.0	706.1	686.5	678.4	667.6	653.7	639.0	636.7
-67.5°	679.4	665.0	651.3	636.7	620.4	602.2	593.1	583.2	571.9	558.4	554.9
-70°	588.5	576.2	563.7	550.5	536.4	521.8	513.2	505.7	495.7	482.3	474.3
-72.5°	497.4	487.1	476.7	466.9	456.3	444.9	435.7	427.5	416.8	403.7	394.8
-75°	406.3	398.6	390.9	383.6	375.3	366.1	357.3	349.3	339.7	328.5	319.6
-77.5°	316.9	312.4	307.1	301.5	295.0	287.6	279.8	272.8	265.3	256.8	249.4
-80°	235.8	233.2	230.0	225.6	220.2	213.8	206.8	201.5	195.5	189.5	184.8
-82.5°	164.6	162.9	160.6	156.4	152.0	147.2	142.5	140.0	137.0	133.7	130.0
-85°	96.5	95.2	93.7	92.3	90.7	89.1	87.5	86.2	84.4	82.1	79.2
-87.5°	37.3	37.3	37.3	38.4	39.5	40.3	41.0	39.7	38.3	36.9	35.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559230 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-NAT-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°	34.3	33.1	31.8	30.3	28.8	27.2	25.4	23.6	21.9	20.1	18.1
85°	76.5	73.3	69.4	65.0	60.2	54.3	50.8	47.2	43.8	40.2	36.2
82.5°	126.5	122.5	117.8	112.4	107.7	101.4	93.5	84.0	73.3	61.5	54.3
80°	183.3	179.6	173.7	165.9	157.9	148.7	139.8	128.6	115.1	100.0	83.5
77.5°	246.2	240.9	233.5	225.2	214.9	203.0	189.5	174.2	156.8	138.4	118.3
75°	314.5	308.3	299.9	288.5	274.0	257.5	241.1	222.8	201.9	177.3	153.0
72.5°	389.1	380.4	368.6	353.3	336.5	317.0	294.8	271.7	248.3	220.7	188.9
70°	466.4	455.0	441.1	424.8	403.2	376.7	351.3	325.3	295.0	264.1	228.6
67.5°	546.4	533.5	516.5	498.3	475.4	446.1	409.9	380.6	348.0	307.7	268.3
65°	629.6	615.1	594.2	576.0	550.3	517.6	478.9	439.9	401.6	358.0	307.8
62.5°	717.0	700.9	681.0	657.3	627.8	592.0	549.2	507.5	457.5	408.4	352.1
60°	809.5	791.9	771.5	746.2	710.6	668.1	624.2	575.5	521.0	459.1	398.4
57.5°	905.0	885.8	868.9	839.4	799.4	749.7	702.3	649.1	584.6	515.9	444.6
55°	1004.1	986.2	970.8	939.2	892.7	836.6	787.4	726.8	650.7	574.1	490.6
52.5°	1110.0	1097.4	1078.9	1043.7	992.6	932.8	883.7	806.6	725.4	632.0	542.2
50°	1221.7	1221.3	1197.1	1154.5	1096.1	1046.6	985.0	901.5	801.5	693.3	594.8
47.5°	1359.3	1357.4	1328.8	1273.5	1206.6	1169.2	1099.6	1001.4	878.7	763.3	647.5
45°	1515.8	1505.2	1470.3	1408.4	1348.5	1308.3	1223.4	1104.7	972.9	834.9	700.4
42.5°	1689.4	1670.6	1622.1	1550.0	1525.7	1462.2	1353.8	1222.5	1069.5	906.5	759.0
40°	1892.7	1853.0	1786.0	1749.5	1724.3	1628.9	1504.5	1346.4	1167.9	983.1	821.0
37.5°	2117.6	2059.4	1970.0	1997.6	1945.2	1827.2	1665.5	1474.4	1271.0	1069.8	882.2
35°	2380.7	2289.6	2291.7	2287.7	2198.3	2039.4	1835.0	1613.0	1385.1	1156.2	942.6
32.5°	2668.5	2644.8	2685.4	2619.7	2475.1	2264.5	2024.7	1765.5	1500.8	1242.1	1001.8
30°	3077.0	3174.8	3131.6	2984.8	2780.8	2522.7	2228.3	1921.5	1617.5	1326.9	1062.9
27.5°	3781.6	3778.2	3634.1	3406.8	3123.9	2796.5	2434.3	2080.3	1734.7	1415.7	1132.1
25°	4576.8	4462.8	4215.1	3871.1	3487.8	3070.6	2643.5	2241.5	1862.1	1511.5	1199.2
22.5°	5485.1	5208.7	4845.0	4365.6	3847.6	3352.5	2866.5	2417.7	1993.9	1605.5	1264.0
20°	6467.3	6004.2	5504.2	4850.3	4236.0	3659.6	3102.5	2592.5	2123.9	1697.0	1326.1
17.5°	7519.1	6825.0	6132.0	5375.4	4643.6	3969.1	3338.0	2764.3	2251.0	1785.5	1385.2
15°	8538.2	7645.8	6778.3	5904.0	5052.9	4278.1	3570.7	2931.8	2374.0	1870.1	1431.6
12.5°	9542.7	8477.9	7433.7	6430.2	5458.9	4582.8	3797.9	3093.4	2491.9	1930.8	1461.9
10°	10545.4	9309.7	8088.4	6947.2	5856.6	4879.4	4017.0	3219.4	2547.6	1969.6	1487.0
7.5°	11532.9	10128.6	8732.1	7448.1	6199.2	5073.4	4110.7	3276.5	2584.2	2001.0	1506.8
5°	12338.7	10663.0	9024.9	7596.6	6295.4	5150.4	4168.6	3320.8	2609.5	2024.7	1521.3
2.5°	12447.5	10750.8	9068.6	7655.2	6359.7	5203.0	4207.0	3351.5	2623.7	2040.5	1530.3
0°	12489.6	10779.2	9063.0	7673.0	6391.7	5230.9	4225.9	3367.8	2627.2	2048.3	1534.0
-2.5°	12447.5	10750.8	9068.6	7655.2	6359.7	5203.0	4207.0	3351.5	2623.7	2040.5	1530.3
-5°	12338.7	10663.0	9024.9	7596.6	6295.4	5150.4	4168.6	3320.8	2609.5	2024.7	1521.3
-7.5°	11532.9	10128.6	8732.1	7448.1	6199.2	5073.4	4110.7	3276.5	2584.2	2001.0	1506.8
-10°	10545.4	9309.7	8088.4	6947.2	5856.6	4879.4	4017.0	3219.4	2547.6	1969.6	1487.0
-12.5°	9542.7	8477.9	7433.7	6430.2	5458.9	4582.8	3797.9	3093.4	2491.9	1930.8	1461.9
-15°	8538.2	7645.8	6778.3	5904.0	5052.9	4278.1	3570.7	2931.8	2374.0	1870.1	1431.6
-17.5°	7519.1	6825.0	6132.0	5375.4	4643.6	3969.1	3338.0	2764.3	2251.0	1785.5	1385.2
-20°	6467.3	6004.2	5504.2	4850.3	4236.0	3659.6	3102.5	2592.5	2123.9	1697.0	1326.1



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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°	5485.1	5208.7	4845.0	4365.6	3847.6	3352.5	2866.5	2417.7	1993.9	1605.5	1264.0
-25°	4576.8	4462.8	4215.1	3871.1	3487.8	3070.6	2643.5	2241.5	1862.1	1511.5	1199.2
-27.5°	3781.6	3778.2	3634.1	3406.8	3123.9	2796.5	2434.3	2080.3	1734.7	1415.7	1132.1
-30°	3077.0	3174.8	3131.6	2984.8	2780.8	2522.7	2228.3	1921.5	1617.5	1326.9	1062.9
-32.5°	2668.5	2644.8	2685.4	2619.7	2475.1	2264.5	2024.7	1765.5	1500.8	1242.1	1001.8
-35°	2380.7	2289.6	2291.7	2287.7	2198.3	2039.4	1835.0	1613.0	1385.1	1156.2	942.6
-37.5°	2117.6	2059.4	1970.0	1997.6	1945.2	1827.2	1665.5	1474.4	1271.0	1069.8	882.2
-40°	1892.7	1853.0	1786.0	1749.5	1724.3	1628.9	1504.5	1346.4	1167.9	983.1	821.0
-42.5°	1689.4	1670.6	1622.1	1550.0	1525.7	1462.2	1353.8	1222.5	1069.5	906.5	759.0
-45°	1515.8	1505.2	1470.3	1408.4	1348.5	1308.3	1223.4	1104.7	972.9	834.9	700.4
-47.5°	1359.3	1357.4	1328.8	1273.5	1206.6	1169.2	1099.6	1001.4	878.7	763.3	647.5
-50°	1221.7	1221.3	1197.1	1154.5	1096.1	1046.6	985.0	901.5	801.5	693.3	594.8
-52.5°	1110.0	1097.4	1078.9	1043.7	992.6	932.8	883.7	806.6	725.4	632.0	542.2
-55°	1004.1	986.2	970.8	939.2	892.7	836.6	787.4	726.8	650.7	574.1	490.6
-57.5°	905.0	885.8	868.9	839.4	799.4	749.7	702.3	649.1	584.6	515.9	444.6
-60°	809.5	791.9	771.5	746.2	710.6	668.1	624.2	575.5	521.0	459.1	398.4
-62.5°	717.0	700.9	681.0	657.3	627.8	592.0	549.2	507.5	457.5	408.4	352.1
-65°	629.6	615.1	594.2	576.0	550.3	517.6	478.9	439.9	401.6	358.0	307.8
-67.5°	546.4	533.5	516.5	498.3	475.4	446.1	409.9	380.6	348.0	307.7	268.3
-70°	466.4	455.0	441.1	424.8	403.2	376.7	351.3	325.3	295.0	264.1	228.6
-72.5°	389.1	380.4	368.6	353.3	336.5	317.0	294.8	271.7	248.3	220.7	188.9
-75°	314.5	308.3	299.9	288.5	274.0	257.5	241.1	222.8	201.9	177.3	153.0
-77.5°	246.2	240.9	233.5	225.2	214.9	203.0	189.5	174.2	156.8	138.4	118.3
-80°	183.3	179.6	173.7	165.9	157.9	148.7	139.8	128.6	115.1	100.0	83.5
-82.5°	126.5	122.5	117.8	112.4	107.7	101.4	93.5	84.0	73.3	61.5	54.3
-85°	76.5	73.3	69.4	65.0	60.2	54.3	50.8	47.2	43.8	40.2	36.2
-87.5°	34.3	33.1	31.8	30.3	28.8	27.2	25.4	23.6	21.9	20.1	18.1
-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°	16.0	14.1	12.0	9.5	6.7	3.3	0.0
85°	31.9	28.3	24.0	19.0	13.3	6.7	0.0
82.5°	47.9	42.4	35.9	28.4	19.9	10.0	0.0
80°	65.7	56.6	47.9	37.9	26.5	13.3	0.0
77.5°	96.7	75.1	59.8	47.3	33.0	16.5	0.0
75°	127.5	101.7	73.5	56.6	39.5	19.8	0.0
72.5°	158.2	128.2	95.4	65.9	45.9	23.0	0.0
70°	189.5	154.5	117.1	76.5	52.2	26.1	0.0
67.5°	225.2	180.7	138.6	93.1	58.4	29.2	0.0
65°	260.8	209.0	159.9	109.5	64.5	32.3	0.0
62.5°	296.2	239.6	180.9	125.6	70.5	35.3	0.0
60°	331.5	269.9	201.6	141.5	76.3	38.2	0.0
57.5°	371.4	299.9	226.0	157.1	86.7	41.0	0.0
55°	411.5	329.5	250.2	172.3	96.8	43.8	0.0
52.5°	451.1	359.4	274.0	187.2	106.7	46.5	0.0
50°	490.0	392.2	297.4	201.8	116.3	49.1	0.0
47.5°	529.5	424.3	320.3	216.7	125.6	51.6	0.0
45°	575.2	455.7	342.6	233.5	134.5	54.0	0.0
42.5°	620.5	486.3	364.4	249.8	143.2	56.3	0.0
40°	665.3	516.0	386.8	265.0	151.4	58.5	0.0
37.5°	709.6	544.8	409.6	279.1	159.3	60.6	0.0
35°	753.3	577.5	431.5	292.4	166.8	62.6	0.0
32.5°	798.0	611.8	452.5	304.7	173.9	64.4	0.0
30°	845.7	644.9	472.5	316.2	180.6	66.2	0.0
27.5°	891.9	676.9	489.2	326.7	186.9	67.8	0.0
25°	936.3	707.5	504.5	336.2	192.7	69.2	0.0
22.5°	978.7	734.8	518.7	344.8	198.0	70.6	0.0
20°	1019.0	755.7	531.8	352.4	202.9	71.8	0.0
17.5°	1049.4	774.0	543.6	359.1	207.3	72.9	0.0
15°	1072.0	789.7	554.1	364.8	211.1	73.8	0.0
12.5°	1091.4	803.0	563.3	369.5	214.5	74.6	0.0
10°	1107.5	813.7	571.2	373.3	217.3	75.2	0.0
7.5°	1120.2	821.8	577.6	376.2	219.6	75.7	0.0
5°	1129.4	827.6	582.5	378.1	221.4	76.1	0.0
2.5°	1135.1	830.8	585.9	379.0	222.6	76.3	0.0
0°	1137.3	831.7	587.7	379.1	223.3	76.4	0.0
-2.5°	1135.1	830.8	585.9	379.0	222.6	76.3	0.0
-5°	1129.4	827.6	582.5	378.1	221.4	76.1	0.0
-7.5°	1120.2	821.8	577.6	376.2	219.6	75.7	0.0
-10°	1107.5	813.7	571.2	373.3	217.3	75.2	0.0
-12.5°	1091.4	803.0	563.3	369.5	214.5	74.6	0.0
-15°	1072.0	789.7	554.1	364.8	211.1	73.8	0.0
-17.5°	1049.4	774.0	543.6	359.1	207.3	72.9	0.0
-20°	1019.0	755.7	531.8	352.4	202.9	71.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	978.7	734.8	518.7	344.8	198.0	70.6	0.0
-25°	936.3	707.5	504.5	336.2	192.7	69.2	0.0
-27.5°	891.9	676.9	489.2	326.7	186.9	67.8	0.0
-30°	845.7	644.9	472.5	316.2	180.6	66.2	0.0
-32.5°	798.0	611.8	452.5	304.7	173.9	64.4	0.0
-35°	753.3	577.5	431.5	292.4	166.8	62.6	0.0
-37.5°	709.6	544.8	409.6	279.1	159.3	60.6	0.0
-40°	665.3	516.0	386.8	265.0	151.4	58.5	0.0
-42.5°	620.5	486.3	364.4	249.8	143.2	56.3	0.0
-45°	575.2	455.7	342.6	233.5	134.5	54.0	0.0
-47.5°	529.5	424.3	320.3	216.7	125.6	51.6	0.0
-50°	490.0	392.2	297.4	201.8	116.3	49.1	0.0
-52.5°	451.1	359.4	274.0	187.2	106.7	46.5	0.0
-55°	411.5	329.5	250.2	172.3	96.8	43.8	0.0
-57.5°	371.4	299.9	226.0	157.1	86.7	41.0	0.0
-60°	331.5	269.9	201.6	141.5	76.3	38.2	0.0
-62.5°	296.2	239.6	180.9	125.6	70.5	35.3	0.0
-65°	260.8	209.0	159.9	109.5	64.5	32.3	0.0
-67.5°	225.2	180.7	138.6	93.1	58.4	29.2	0.0
-70°	189.5	154.5	117.1	76.5	52.2	26.1	0.0
-72.5°	158.2	128.2	95.4	65.9	45.9	23.0	0.0
-75°	127.5	101.7	73.5	56.6	39.5	19.8	0.0
-77.5°	96.7	75.1	59.8	47.3	33.0	16.5	0.0
-80°	65.7	56.6	47.9	37.9	26.5	13.3	0.0
-82.5°	47.9	42.4	35.9	28.4	19.9	10.0	0.0
-85°	31.9	28.3	24.0	19.0	13.3	6.7	0.0
-87.5°	16.0	14.1	12.0	9.5	6.7	3.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)