

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: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558990 (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-SA4E-935-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

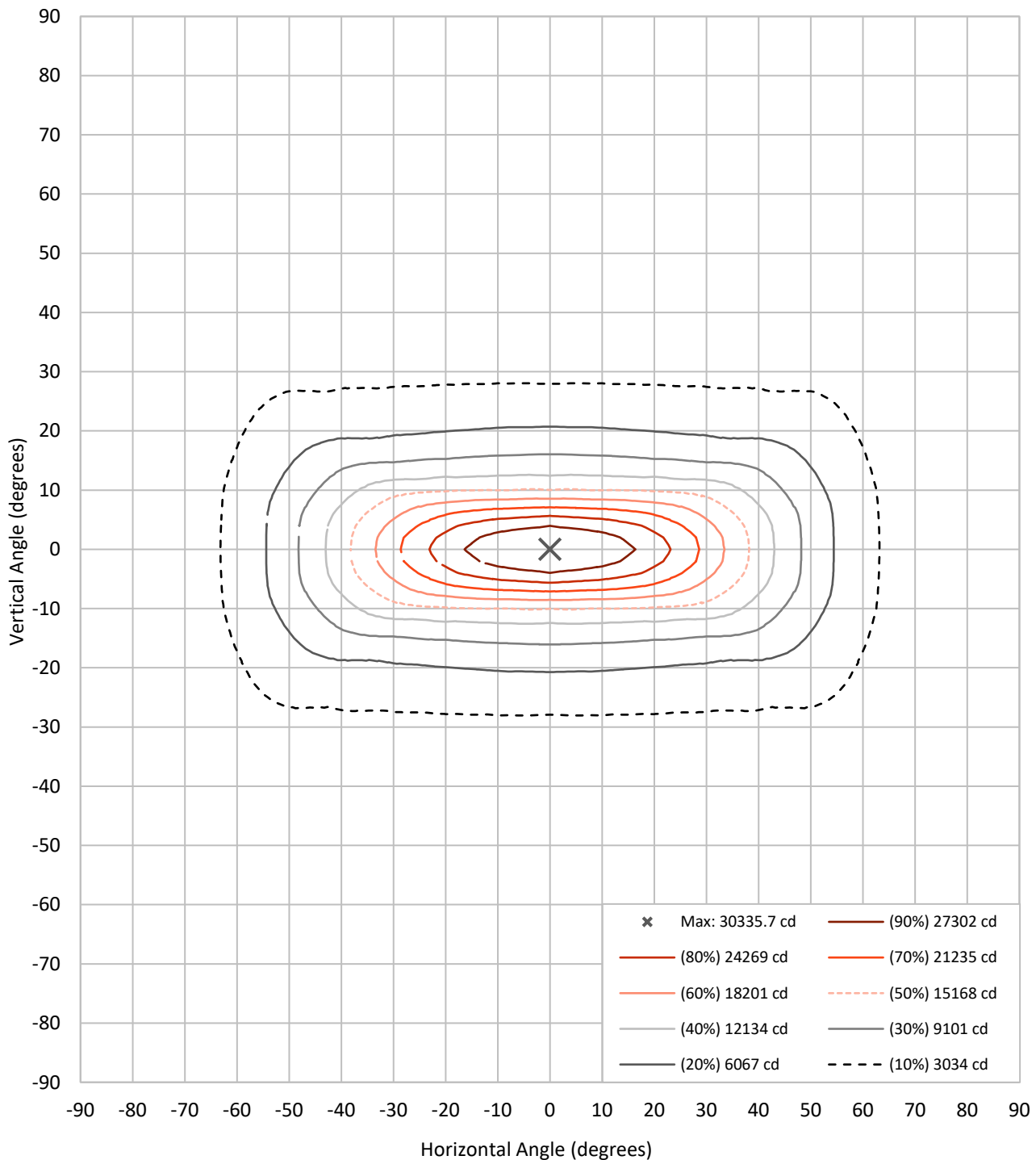
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	21725.8 lumens	Max Intensity:	30335.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	8692.4 lumens	Field Lumens:	17806.6 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 250
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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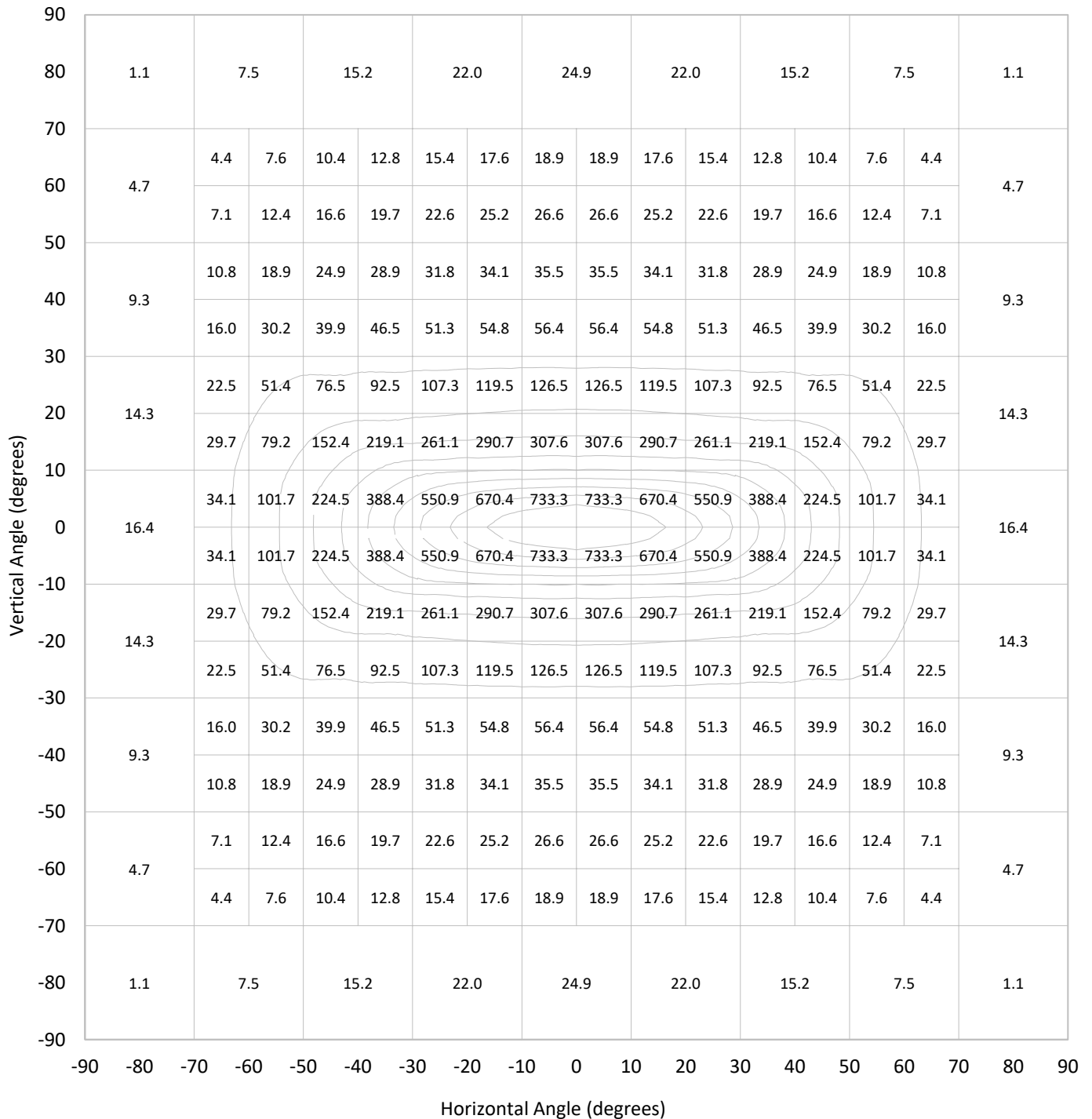
Iso-Candela Plot





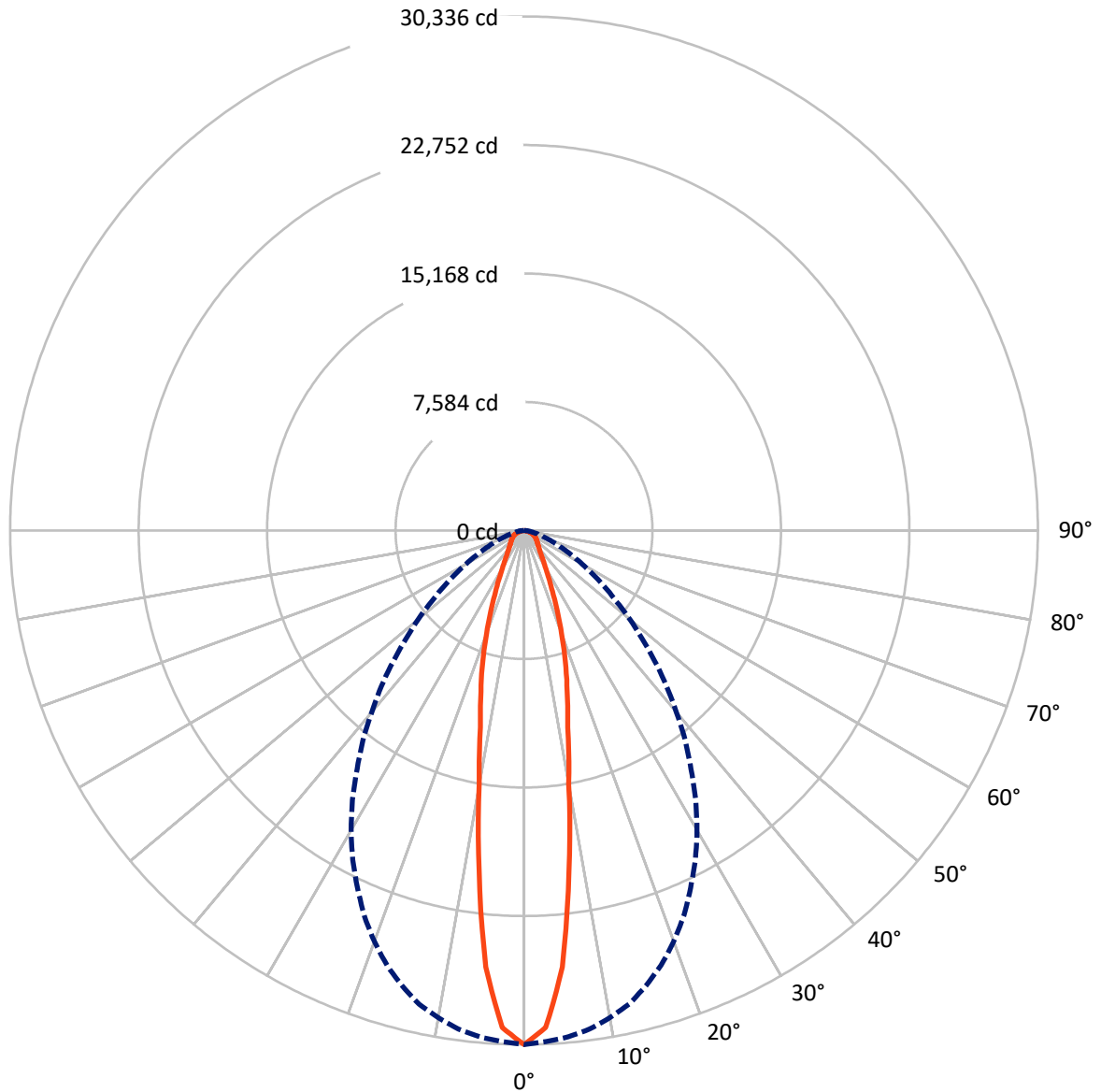
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Lumen Table



REPORT NUMBER: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
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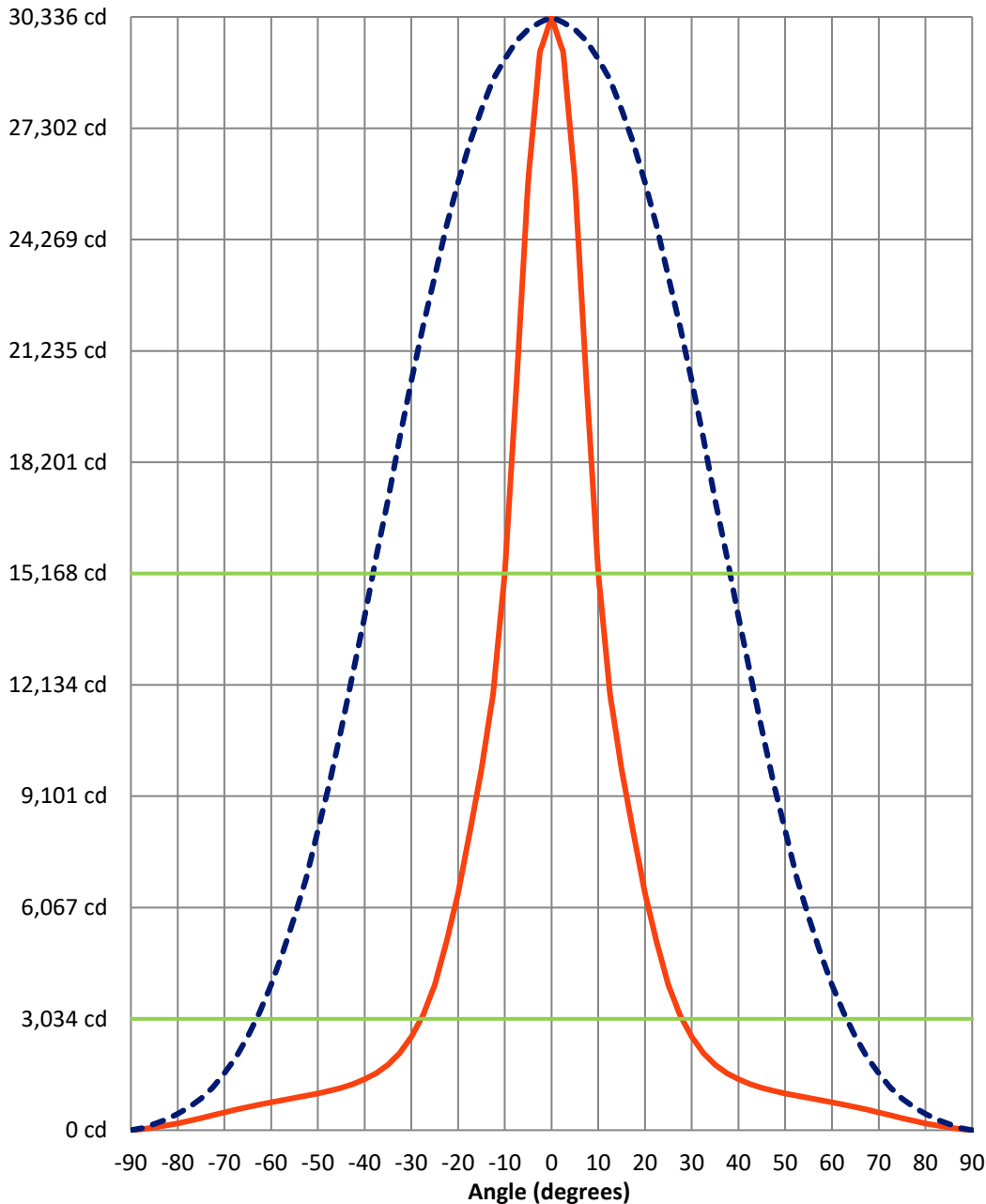
Luminous Intensity Polar Plot



— 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: 8692.4
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 17806.6
Efficiency: 82.0%

Spill:
Lumens: 3919.2
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	2.5	5.0	7.2	9.1	10.7	12.1	13.7	15.2	16.6	17.9
85°	0.0	5.0	10.1	14.4	18.2	21.4	24.2	27.4	30.4	33.2	35.7
82.5°	0.0	7.6	15.1	21.5	27.2	32.1	36.3	41.1	46.6	55.5	63.7
80°	0.0	10.1	20.1	28.7	36.3	42.8	49.7	63.2	75.8	87.2	97.4
77.5°	0.0	12.5	25.0	35.8	45.3	56.9	73.2	89.6	104.9	118.7	131.9
75°	0.0	15.0	29.9	42.9	55.7	77.0	96.6	115.9	134.3	152.9	168.8
72.5°	0.0	17.4	34.8	49.9	72.3	97.1	119.9	143.1	167.1	188.1	205.8
70°	0.0	19.8	39.6	58.0	88.7	117.1	143.5	173.2	200.0	223.4	246.4
67.5°	0.0	22.2	44.3	70.6	105.0	136.8	170.6	203.2	233.1	263.6	288.3
65°	0.0	24.5	48.9	83.0	121.1	158.3	197.6	233.2	271.1	304.2	333.2
62.5°	0.0	26.7	53.4	95.2	137.0	181.5	224.4	266.7	309.4	346.5	384.4
60°	0.0	28.9	57.8	107.2	152.7	204.4	251.1	301.7	347.7	394.6	435.9
57.5°	0.0	31.1	65.7	119.0	171.2	227.1	281.3	336.7	390.7	442.8	491.6
55°	0.0	33.2	73.4	130.5	189.5	249.6	311.7	371.6	434.8	492.8	550.5
52.5°	0.0	35.2	80.8	141.9	207.6	272.2	341.7	410.7	478.7	549.5	611.0
50°	0.0	37.2	88.1	152.9	225.3	297.1	371.2	450.5	525.1	607.1	682.9
47.5°	0.0	39.1	95.2	164.2	242.6	321.4	401.0	490.4	578.2	665.6	758.5
45°	0.0	40.9	101.9	176.9	259.5	345.1	435.6	530.5	632.4	736.9	836.8
42.5°	0.0	42.7	108.5	189.2	276.0	368.3	470.0	574.9	686.6	810.1	926.0
40°	0.0	44.3	114.7	200.7	293.0	390.8	503.9	621.8	744.6	884.6	1019.9
37.5°	0.0	45.9	120.7	211.4	310.2	412.6	537.5	668.2	810.3	962.7	1116.8
35°	0.0	47.4	126.4	221.5	326.8	437.4	570.6	713.9	875.8	1049.2	1221.8
32.5°	0.0	48.8	131.8	230.8	342.7	463.4	604.4	758.8	940.8	1136.8	1337.3
30°	0.0	50.1	136.9	239.5	357.9	488.5	640.6	805.1	1005.1	1225.2	1455.5
27.5°	0.0	51.4	141.6	247.4	370.5	512.7	675.6	857.5	1072.4	1314.0	1575.8
25°	0.0	52.5	146.0	254.7	382.2	535.9	709.2	908.3	1144.9	1410.5	1697.9
22.5°	0.0	53.5	150.0	261.2	392.9	556.6	741.3	957.4	1216.1	1510.3	1831.4
20°	0.0	54.4	153.7	267.0	402.8	572.4	771.9	1004.5	1285.4	1608.8	1963.7
17.5°	0.0	55.2	157.0	272.0	411.8	586.3	794.9	1049.2	1352.4	1705.0	2093.8
15°	0.0	55.9	160.0	276.3	419.8	598.2	812.0	1084.4	1416.6	1798.2	2220.7
12.5°	0.0	56.5	162.5	279.9	426.7	608.2	826.7	1107.4	1462.5	1887.6	2343.1
10°	0.0	57.0	164.7	282.8	432.7	616.3	838.9	1126.4	1491.9	1929.7	2438.6
7.5°	0.0	57.4	166.4	285.0	437.5	622.5	848.5	1141.4	1515.7	1957.4	2481.8
5°	0.0	57.7	167.8	286.4	441.2	626.9	855.5	1152.3	1533.6	1976.6	2515.4
2.5°	0.0	57.8	168.7	287.1	443.8	629.3	859.8	1159.2	1545.6	1987.4	2538.6
0°	0.0	57.9	169.2	287.2	445.2	630.0	861.5	1162.0	1551.5	1990.0	2551.0
-2.5°	0.0	57.8	168.7	287.1	443.8	629.3	859.8	1159.2	1545.6	1987.4	2538.6
-5°	0.0	57.7	167.8	286.4	441.2	626.9	855.5	1152.3	1533.6	1976.6	2515.4
-7.5°	0.0	57.4	166.4	285.0	437.5	622.5	848.5	1141.4	1515.7	1957.4	2481.8
-10°	0.0	57.0	164.7	282.8	432.7	616.3	838.9	1126.4	1491.9	1929.7	2438.6
-12.5°	0.0	56.5	162.5	279.9	426.7	608.2	826.7	1107.4	1462.5	1887.6	2343.1
-15°	0.0	55.9	160.0	276.3	419.8	598.2	812.0	1084.4	1416.6	1798.2	2220.7
-17.5°	0.0	55.2	157.0	272.0	411.8	586.3	794.9	1049.2	1352.4	1705.0	2093.8
-20°	0.0	54.4	153.7	267.0	402.8	572.4	771.9	1004.5	1285.4	1608.8	1963.7



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 CATALOG NUMBER: GFLD-SA4E-935-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	53.5	150.0	261.2	392.9	556.6	741.3	957.4	1216.1	1510.3	1831.4
-25°	0.0	52.5	146.0	254.7	382.2	535.9	709.2	908.3	1144.9	1410.5	1697.9
-27.5°	0.0	51.4	141.6	247.4	370.5	512.7	675.6	857.5	1072.4	1314.0	1575.8
-30°	0.0	50.1	136.9	239.5	357.9	488.5	640.6	805.1	1005.1	1225.2	1455.5
-32.5°	0.0	48.8	131.8	230.8	342.7	463.4	604.4	758.8	940.8	1136.8	1337.3
-35°	0.0	47.4	126.4	221.5	326.8	437.4	570.6	713.9	875.8	1049.2	1221.8
-37.5°	0.0	45.9	120.7	211.4	310.2	412.6	537.5	668.2	810.3	962.7	1116.8
-40°	0.0	44.3	114.7	200.7	293.0	390.8	503.9	621.8	744.6	884.6	1019.9
-42.5°	0.0	42.7	108.5	189.2	276.0	368.3	470.0	574.9	686.6	810.1	926.0
-45°	0.0	40.9	101.9	176.9	259.5	345.1	435.6	530.5	632.4	736.9	836.8
-47.5°	0.0	39.1	95.2	164.2	242.6	321.4	401.0	490.4	578.2	665.6	758.5
-50°	0.0	37.2	88.1	152.9	225.3	297.1	371.2	450.5	525.1	607.1	682.9
-52.5°	0.0	35.2	80.8	141.9	207.6	272.2	341.7	410.7	478.7	549.5	611.0
-55°	0.0	33.2	73.4	130.5	189.5	249.6	311.7	371.6	434.8	492.8	550.5
-57.5°	0.0	31.1	65.7	119.0	171.2	227.1	281.3	336.7	390.7	442.8	491.6
-60°	0.0	28.9	57.8	107.2	152.7	204.4	251.1	301.7	347.7	394.6	435.9
-62.5°	0.0	26.7	53.4	95.2	137.0	181.5	224.4	266.7	309.4	346.5	384.4
-65°	0.0	24.5	48.9	83.0	121.1	158.3	197.6	233.2	271.1	304.2	333.2
-67.5°	0.0	22.2	44.3	70.6	105.0	136.8	170.6	203.2	233.1	263.6	288.3
-70°	0.0	19.8	39.6	58.0	88.7	117.1	143.5	173.2	200.0	223.4	246.4
-72.5°	0.0	17.4	34.8	49.9	72.3	97.1	119.9	143.1	167.1	188.1	205.8
-75°	0.0	15.0	29.9	42.9	55.7	77.0	96.6	115.9	134.3	152.9	168.8
-77.5°	0.0	12.5	25.0	35.8	45.3	56.9	73.2	89.6	104.9	118.7	131.9
-80°	0.0	10.1	20.1	28.7	36.3	42.8	49.7	63.2	75.8	87.2	97.4
-82.5°	0.0	7.6	15.1	21.5	27.2	32.1	36.3	41.1	46.6	55.5	63.7
-85°	0.0	5.0	10.1	14.4	18.2	21.4	24.2	27.4	30.4	33.2	35.7
-87.5°	0.0	2.5	5.0	7.2	9.1	10.7	12.1	13.7	15.2	16.6	17.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	19.3	20.6	21.8	23.0	24.1	25.0	25.9	26.7	27.9	29.0	30.0
85°	38.5	41.2	45.6	49.3	52.6	55.5	57.9	60.0	62.1	63.9	65.3
82.5°	70.8	76.8	81.6	85.1	89.2	92.8	95.8	98.5	101.3	103.8	106.1
80°	105.9	112.6	119.6	125.6	131.6	136.0	138.8	140.0	143.5	148.0	152.6
77.5°	143.6	153.8	162.8	170.6	176.9	182.5	186.5	188.9	194.5	201.0	206.7
75°	182.6	195.1	207.6	218.5	227.2	233.6	238.2	242.1	248.8	257.3	264.6
72.5°	223.3	240.1	254.9	267.6	279.2	288.1	294.7	299.0	305.8	315.8	323.8
70°	266.2	285.4	305.4	321.8	334.2	344.7	353.3	359.3	365.3	375.5	383.1
67.5°	310.5	337.9	360.1	377.5	391.3	404.1	413.9	420.3	423.0	433.3	441.8
65°	362.7	392.1	416.8	436.3	450.1	465.9	476.9	482.3	484.0	495.1	505.6
62.5°	415.9	448.4	475.5	497.9	515.8	530.9	543.1	550.0	551.2	559.4	571.5
60°	472.8	506.0	538.3	565.2	584.4	599.9	613.2	620.5	622.0	625.3	639.1
57.5°	532.0	567.9	605.5	635.8	658.1	670.9	685.5	693.5	696.8	694.8	709.0
55°	596.4	633.7	676.2	711.4	735.4	747.0	760.5	772.1	776.1	773.5	782.0
52.5°	669.4	706.5	751.9	790.5	817.2	831.2	840.8	854.8	861.1	858.3	856.6
50°	746.1	792.8	830.2	874.5	906.7	925.1	925.4	942.7	951.0	948.5	937.0
47.5°	832.9	885.6	913.9	964.6	1006.5	1028.2	1029.6	1036.5	1046.8	1049.5	1039.7
45°	926.7	991.0	1021.5	1066.8	1113.7	1140.1	1148.2	1135.7	1154.2	1160.0	1153.8
42.5°	1025.5	1107.5	1155.7	1174.0	1228.6	1265.4	1279.6	1270.9	1270.0	1282.9	1282.7
40°	1139.6	1233.8	1306.1	1325.2	1352.8	1403.6	1433.6	1432.1	1398.3	1422.4	1428.6
37.5°	1261.6	1384.1	1473.4	1513.1	1492.2	1559.9	1604.0	1621.8	1600.9	1577.2	1604.2
35°	1390.0	1544.7	1665.1	1732.8	1735.9	1734.3	1803.3	1840.3	1842.8	1799.6	1809.4
32.5°	1533.6	1715.3	1874.8	1984.3	2034.1	2003.3	2021.3	2099.0	2137.1	2120.6	2058.4
30°	1687.8	1910.8	2106.4	2260.9	2372.1	2404.8	2330.7	2391.4	2475.7	2509.4	2482.3
27.5°	1843.9	2118.3	2366.3	2580.5	2752.7	2861.9	2864.4	2770.8	2866.4	2947.6	2979.0
25°	2002.4	2325.9	2641.8	2932.2	3192.8	3380.5	3466.8	3476.9	3343.0	3464.7	3578.0
22.5°	2171.3	2539.5	2914.4	3306.8	3670.0	3945.4	4154.7	4280.9	4276.8	4149.2	4248.8
20°	2350.0	2772.0	3208.6	3674.0	4169.3	4547.9	4898.7	5167.1	5328.6	5382.3	5277.7
17.5°	2528.4	3006.5	3517.4	4071.7	4644.8	5169.7	5695.5	6123.6	6462.8	6741.3	6840.9
15°	2704.7	3240.5	3827.4	4472.1	5134.4	5791.4	6467.4	7123.1	7700.3	8209.9	8512.0
12.5°	2876.8	3471.3	4135.0	4870.7	5630.7	6421.7	7228.3	8027.1	8858.6	9684.0	10311.2
10°	3042.8	3696.1	4436.2	5262.3	6126.7	7051.8	7987.8	8935.8	9946.0	10919.4	11856.5
7.5°	3113.8	3843.0	4695.7	5641.6	6614.2	7672.1	8735.9	9836.4	11016.7	12152.5	13296.8
5°	3157.6	3901.2	4768.6	5754.1	6836.1	8076.9	9346.2	10709.4	12056.2	13364.1	14712.4
2.5°	3186.7	3941.1	4817.2	5798.5	6869.1	8143.4	9428.6	10844.1	12355.3	13867.3	15472.6
0°	3201.0	3962.2	4841.5	5812.0	6864.9	8164.9	9460.4	10920.7	12452.1	13990.3	15633.1
-2.5°	3186.7	3941.1	4817.2	5798.5	6869.1	8143.4	9428.6	10844.1	12355.3	13867.3	15472.6
-5°	3157.6	3901.2	4768.6	5754.1	6836.1	8076.9	9346.2	10709.4	12056.2	13364.1	14712.4
-7.5°	3113.8	3843.0	4695.7	5641.6	6614.2	7672.1	8735.9	9836.4	11016.7	12152.5	13296.8
-10°	3042.8	3696.1	4436.2	5262.3	6126.7	7051.8	7987.8	8935.8	9946.0	10919.4	11856.5
-12.5°	2876.8	3471.3	4135.0	4870.7	5630.7	6421.7	7228.3	8027.1	8858.6	9684.0	10311.2
-15°	2704.7	3240.5	3827.4	4472.1	5134.4	5791.4	6467.4	7123.1	7700.3	8209.9	8512.0
-17.5°	2528.4	3006.5	3517.4	4071.7	4644.8	5169.7	5695.5	6123.6	6462.8	6741.3	6840.9
-20°	2350.0	2772.0	3208.6	3674.0	4169.3	4547.9	4898.7	5167.1	5328.6	5382.3	5277.7



REPORT NUMBER: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	2171.3	2539.5	2914.4	3306.8	3670.0	3945.4	4154.7	4280.9	4276.8	4149.2	4248.8
-25°	2002.4	2325.9	2641.8	2932.2	3192.8	3380.5	3466.8	3476.9	3343.0	3464.7	3578.0
-27.5°	1843.9	2118.3	2366.3	2580.5	2752.7	2861.9	2864.4	2770.8	2866.4	2947.6	2979.0
-30°	1687.8	1910.8	2106.4	2260.9	2372.1	2404.8	2330.7	2391.4	2475.7	2509.4	2482.3
-32.5°	1533.6	1715.3	1874.8	1984.3	2034.1	2003.3	2021.3	2099.0	2137.1	2120.6	2058.4
-35°	1390.0	1544.7	1665.1	1732.8	1735.9	1734.3	1803.3	1840.3	1842.8	1799.6	1809.4
-37.5°	1261.6	1384.1	1473.4	1513.1	1492.2	1559.9	1604.0	1621.8	1600.9	1577.2	1604.2
-40°	1139.6	1233.8	1306.1	1325.2	1352.8	1403.6	1433.6	1432.1	1398.3	1422.4	1428.6
-42.5°	1025.5	1107.5	1155.7	1174.0	1228.6	1265.4	1279.6	1270.9	1270.0	1282.9	1282.7
-45°	926.7	991.0	1021.5	1066.8	1113.7	1140.1	1148.2	1135.7	1154.2	1160.0	1153.8
-47.5°	832.9	885.6	913.9	964.6	1006.5	1028.2	1029.6	1036.5	1046.8	1049.5	1039.7
-50°	746.1	792.8	830.2	874.5	906.7	925.1	925.4	942.7	951.0	948.5	937.0
-52.5°	669.4	706.5	751.9	790.5	817.2	831.2	840.8	854.8	861.1	858.3	856.6
-55°	596.4	633.7	676.2	711.4	735.4	747.0	760.5	772.1	776.1	773.5	782.0
-57.5°	532.0	567.9	605.5	635.8	658.1	670.9	685.5	693.5	696.8	694.8	709.0
-60°	472.8	506.0	538.3	565.2	584.4	599.9	613.2	620.5	622.0	625.3	639.1
-62.5°	415.9	448.4	475.5	497.9	515.8	530.9	543.1	550.0	551.2	559.4	571.5
-65°	362.7	392.1	416.8	436.3	450.1	465.9	476.9	482.3	484.0	495.1	505.6
-67.5°	310.5	337.9	360.1	377.5	391.3	404.1	413.9	420.3	423.0	433.3	441.8
-70°	266.2	285.4	305.4	321.8	334.2	344.7	353.3	359.3	365.3	375.5	383.1
-72.5°	223.3	240.1	254.9	267.6	279.2	288.1	294.7	299.0	305.8	315.8	323.8
-75°	182.6	195.1	207.6	218.5	227.2	233.6	238.2	242.1	248.8	257.3	264.6
-77.5°	143.6	153.8	162.8	170.6	176.9	182.5	186.5	188.9	194.5	201.0	206.7
-80°	105.9	112.6	119.6	125.6	131.6	136.0	138.8	140.0	143.5	148.0	152.6
-82.5°	70.8	76.8	81.6	85.1	89.2	92.8	95.8	98.5	101.3	103.8	106.1
-85°	38.5	41.2	45.6	49.3	52.6	55.5	57.9	60.0	62.1	63.9	65.3
-87.5°	19.3	20.6	21.8	23.0	24.1	25.0	25.9	26.7	27.9	29.0	30.0
-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: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	31.0	30.5	29.9	29.1	28.3	28.3	28.2	28.1	27.9	27.7	27.4
85°	66.3	67.5	68.7	69.9	70.9	72.1	73.1	73.9	74.6	74.5	74.3
82.5°	107.9	111.5	115.1	118.5	121.7	123.4	124.6	125.4	125.9	126.9	127.7
80°	156.6	161.9	166.8	170.9	174.2	176.6	178.6	180.2	181.4	182.7	183.6
77.5°	211.9	217.8	223.5	228.4	232.7	236.6	240.0	242.7	244.7	247.8	250.7
75°	270.6	277.3	284.3	290.6	296.1	302.0	307.8	313.1	317.8	321.8	324.7
72.5°	330.1	337.1	345.7	353.7	361.1	369.0	376.8	383.6	389.5	395.0	400.0
70°	388.8	395.3	406.4	417.0	427.0	436.5	445.8	454.2	461.6	468.8	475.3
67.5°	449.3	456.2	469.9	482.2	493.3	503.7	514.6	524.3	532.8	540.4	547.0
65°	513.8	520.0	534.8	548.4	560.1	569.8	581.6	592.2	601.7	610.0	617.1
62.5°	580.8	586.9	599.1	612.5	623.6	633.0	646.8	658.8	668.9	677.3	684.4
60°	648.6	653.8	663.3	678.0	690.4	700.7	712.9	724.5	734.3	742.6	750.1
57.5°	719.0	724.3	728.9	743.6	755.6	765.0	775.6	787.0	796.5	804.3	812.0
55°	791.8	795.9	794.5	808.1	819.3	826.9	834.8	846.9	856.3	863.3	870.4
52.5°	866.2	871.1	867.7	873.4	885.7	892.6	896.0	909.0	918.7	925.0	931.4
50°	949.0	953.0	949.9	946.6	958.6	965.7	967.6	978.1	987.0	991.8	996.3
47.5°	1038.9	1043.7	1041.3	1028.3	1038.9	1047.9	1048.1	1052.6	1061.8	1065.4	1068.2
45°	1136.6	1145.9	1143.8	1134.8	1133.4	1142.5	1141.7	1138.1	1148.6	1153.3	1154.8
42.5°	1264.8	1261.8	1264.7	1259.5	1243.3	1253.7	1255.0	1241.9	1255.1	1260.8	1257.4
40°	1421.7	1393.0	1408.9	1406.5	1391.4	1389.2	1397.3	1386.6	1388.6	1396.8	1390.5
37.5°	1608.4	1587.9	1579.4	1586.5	1582.0	1562.7	1578.1	1574.3	1562.2	1575.9	1569.8
35°	1838.3	1832.1	1786.0	1814.1	1819.9	1801.5	1806.9	1814.8	1788.4	1809.2	1807.0
32.5°	2107.0	2120.6	2110.7	2093.4	2119.6	2123.0	2092.6	2129.1	2114.4	2119.6	2134.0
30°	2411.3	2481.1	2515.2	2484.8	2501.1	2533.6	2518.7	2544.1	2556.2	2537.2	2573.1
27.5°	2943.0	2918.2	2999.7	3035.1	2997.2	3056.5	3099.5	3080.5	3143.4	3106.2	3159.4
25°	3618.7	3582.4	3604.1	3721.2	3747.3	3717.1	3838.5	3852.8	3902.7	3908.8	3946.0
22.5°	4412.6	4500.5	4490.2	4525.9	4673.0	4722.2	4767.0	4883.7	4857.1	4962.9	4981.3
20°	5300.2	5521.1	5673.2	5705.2	5768.1	5937.3	6014.9	6106.9	6168.7	6268.9	6353.6
17.5°	6801.8	6688.7	6987.1	7174.5	7273.1	7308.4	7512.1	7578.5	7731.6	7819.0	7905.8
15°	8729.8	8795.8	8661.1	8839.8	9141.7	9243.6	9126.4	9400.0	9476.9	9624.2	9650.3
12.5°	10790.5	11124.1	11287.6	11332.1	11174.3	11603.7	11775.7	11559.8	11804.7	11760.6	11962.1
10°	12756.8	13567.3	14052.4	14393.7	14601.2	14726.2	14850.3	15073.5	15077.4	15242.7	15146.2
7.5°	14371.1	15398.7	16380.4	17332.7	18094.5	18521.6	18856.9	19178.5	19607.6	19813.1	19946.7
5°	15950.3	17136.0	18310.7	19465.0	20510.5	21516.2	22501.9	23356.9	23810.1	24339.6	24811.7
2.5°	16971.8	18471.6	19971.7	21457.5	22665.5	23773.9	24799.8	25752.7	26588.6	27361.8	28014.8
0°	17171.2	18849.6	20414.5	21897.0	23257.1	24626.0	25821.4	26898.8	27809.2	28630.6	29184.9
-2.5°	16971.8	18471.6	19971.7	21457.5	22665.5	23773.9	24799.8	25752.7	26588.6	27361.8	28014.8
-5°	15950.3	17136.0	18310.7	19465.0	20510.5	21516.2	22501.9	23356.9	23810.1	24339.6	24811.7
-7.5°	14371.1	15398.7	16380.4	17332.7	18094.5	18521.6	18856.9	19178.5	19607.6	19813.1	19946.7
-10°	12756.8	13567.3	14052.4	14393.7	14601.2	14726.2	14850.3	15073.5	15077.4	15242.7	15146.2
-12.5°	10790.5	11124.1	11287.6	11332.1	11174.3	11603.7	11775.7	11559.8	11804.7	11760.6	11962.1
-15°	8729.8	8795.8	8661.1	8839.8	9141.7	9243.6	9126.4	9400.0	9476.9	9624.2	9650.3
-17.5°	6801.8	6688.7	6987.1	7174.5	7273.1	7308.4	7512.1	7578.5	7731.6	7819.0	7905.8
-20°	5300.2	5521.1	5673.2	5705.2	5768.1	5937.3	6014.9	6106.9	6168.7	6268.9	6353.6



REPORT NUMBER: P558990 (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°	4412.6	4500.5	4490.2	4525.9	4673.0	4722.2	4767.0	4883.7	4857.1	4962.9	4981.3
-25°	3618.7	3582.4	3604.1	3721.2	3747.3	3717.1	3838.5	3852.8	3902.7	3908.8	3946.0
-27.5°	2943.0	2918.2	2999.7	3035.1	2997.2	3056.5	3099.5	3080.5	3143.4	3106.2	3159.4
-30°	2411.3	2481.1	2515.2	2484.8	2501.1	2533.6	2518.7	2544.1	2556.2	2537.2	2573.1
-32.5°	2107.0	2120.6	2110.7	2093.4	2119.6	2123.0	2092.6	2129.1	2114.4	2119.6	2134.0
-35°	1838.3	1832.1	1786.0	1814.1	1819.9	1801.5	1806.9	1814.8	1788.4	1809.2	1807.0
-37.5°	1608.4	1587.9	1579.4	1586.5	1582.0	1562.7	1578.1	1574.3	1562.2	1575.9	1569.8
-40°	1421.7	1393.0	1408.9	1406.5	1391.4	1389.2	1397.3	1386.6	1388.6	1396.8	1390.5
-42.5°	1264.8	1261.8	1264.7	1259.5	1243.3	1253.7	1255.0	1241.9	1255.1	1260.8	1257.4
-45°	1136.6	1145.9	1143.8	1134.8	1133.4	1142.5	1141.7	1138.1	1148.6	1153.3	1154.8
-47.5°	1038.9	1043.7	1041.3	1028.3	1038.9	1047.9	1048.1	1052.6	1061.8	1065.4	1068.2
-50°	949.0	953.0	949.9	946.6	958.6	965.7	967.6	978.1	987.0	991.8	996.3
-52.5°	866.2	871.1	867.7	873.4	885.7	892.6	896.0	909.0	918.7	925.0	931.4
-55°	791.8	795.9	794.5	808.1	819.3	826.9	834.8	846.9	856.3	863.3	870.4
-57.5°	719.0	724.3	728.9	743.6	755.6	765.0	775.6	787.0	796.5	804.3	812.0
-60°	648.6	653.8	663.3	678.0	690.4	700.7	712.9	724.5	734.3	742.6	750.1
-62.5°	580.8	586.9	599.1	612.5	623.6	633.0	646.8	658.8	668.9	677.3	684.4
-65°	513.8	520.0	534.8	548.4	560.1	569.8	581.6	592.2	601.7	610.0	617.1
-67.5°	449.3	456.2	469.9	482.2	493.3	503.7	514.6	524.3	532.8	540.4	547.0
-70°	388.8	395.3	406.4	417.0	427.0	436.5	445.8	454.2	461.6	468.8	475.3
-72.5°	330.1	337.1	345.7	353.7	361.1	369.0	376.8	383.6	389.5	395.0	400.0
-75°	270.6	277.3	284.3	290.6	296.1	302.0	307.8	313.1	317.8	321.8	324.7
-77.5°	211.9	217.8	223.5	228.4	232.7	236.6	240.0	242.7	244.7	247.8	250.7
-80°	156.6	161.9	166.8	170.9	174.2	176.6	178.6	180.2	181.4	182.7	183.6
-82.5°	107.9	111.5	115.1	118.5	121.7	123.4	124.6	125.4	125.9	126.9	127.7
-85°	66.3	67.5	68.7	69.9	70.9	72.1	73.1	73.9	74.6	74.5	74.3
-87.5°	31.0	30.5	29.9	29.1	28.3	28.3	28.2	28.1	27.9	27.7	27.4
-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: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-NAT-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°	27.0	26.6	27.8	28.9	27.8	26.6	27.0	27.4	27.7	27.9	28.1
85°	73.8	73.2	74.5	75.7	74.5	73.2	73.8	74.3	74.5	74.6	73.9
82.5°	128.2	128.5	128.9	129.1	128.9	128.5	128.2	127.7	126.9	125.9	125.4
80°	184.0	184.0	183.5	182.5	183.5	184.0	184.0	183.6	182.7	181.4	180.2
77.5°	253.0	254.6	255.7	256.0	255.7	254.6	253.0	250.7	247.8	244.7	242.7
75°	326.7	327.8	327.9	327.2	327.9	327.8	326.7	324.7	321.8	317.8	313.1
72.5°	404.1	407.3	408.0	407.4	408.0	407.3	404.1	400.0	395.0	389.5	383.6
70°	480.7	484.9	484.8	483.0	484.8	484.9	480.7	475.3	468.8	461.6	454.2
67.5°	552.2	556.0	559.0	560.9	559.0	556.0	552.2	547.0	540.4	532.8	524.3
65°	622.7	627.0	629.3	630.0	629.3	627.0	622.7	617.1	610.0	601.7	592.2
62.5°	689.8	693.7	695.9	696.7	695.9	693.7	689.8	684.4	677.3	668.9	658.8
60°	755.9	760.1	760.8	759.1	760.8	760.1	755.9	750.1	742.6	734.3	724.5
57.5°	818.0	822.3	822.3	819.2	822.3	822.3	818.0	812.0	804.3	796.5	787.0
55°	875.4	878.6	879.8	879.3	879.8	878.6	875.4	870.4	863.3	856.3	846.9
52.5°	936.2	938.7	939.8	939.4	939.8	938.7	936.2	931.4	925.0	918.7	909.0
50°	999.6	999.9	999.8	999.5	999.8	999.9	999.6	996.3	991.8	987.0	978.1
47.5°	1072.0	1072.8	1072.9	1072.9	1072.9	1072.8	1072.0	1068.2	1065.4	1061.8	1052.6
45°	1157.7	1155.4	1152.9	1153.1	1152.9	1155.4	1157.7	1154.8	1153.3	1148.6	1138.1
42.5°	1260.5	1257.9	1254.7	1255.5	1254.7	1257.9	1260.5	1257.4	1260.8	1255.1	1241.9
40°	1396.0	1395.2	1390.6	1389.0	1390.6	1395.2	1396.0	1390.5	1396.8	1388.6	1386.6
37.5°	1570.8	1568.3	1558.1	1553.7	1558.1	1568.3	1570.8	1569.8	1575.9	1562.2	1574.3
35°	1800.8	1797.4	1781.8	1783.0	1781.8	1797.4	1800.8	1807.0	1809.2	1788.4	1814.8
32.5°	2126.8	2127.9	2104.5	2099.1	2104.5	2127.9	2126.8	2134.0	2119.6	2114.4	2129.1
30°	2550.8	2560.1	2532.5	2544.3	2532.5	2560.1	2550.8	2573.1	2537.2	2556.2	2544.1
27.5°	3158.4	3176.1	3151.7	3132.0	3151.7	3176.1	3158.4	3159.4	3106.2	3143.4	3080.5
25°	3994.8	4008.0	3980.0	3955.6	3980.0	4008.0	3994.8	3946.0	3908.8	3902.7	3852.8
22.5°	5083.4	5082.5	5081.1	5119.8	5081.1	5082.5	5083.4	4981.3	4962.9	4857.1	4883.7
20°	6408.2	6376.1	6424.2	6455.4	6424.2	6376.1	6408.2	6353.6	6268.9	6168.7	6106.9
17.5°	7926.0	7986.1	8032.2	8109.3	8032.2	7986.1	7926.0	7905.8	7819.0	7731.6	7578.5
15°	9715.6	9806.3	9852.5	9827.7	9852.5	9806.3	9715.6	9650.3	9624.2	9476.9	9400.0
12.5°	11969.2	12077.5	11997.5	11897.9	11997.5	12077.5	11969.2	11962.1	11760.6	11804.7	11559.8
10°	15147.6	15380.9	15394.0	15199.0	15394.0	15380.9	15147.6	15146.2	15242.7	15077.4	15073.5
7.5°	20024.3	20137.7	20310.0	20318.8	20310.0	20137.7	20024.3	19946.7	19813.1	19607.6	19178.5
5°	25025.7	25327.7	25522.5	25859.2	25522.5	25327.7	25025.7	24811.7	24339.6	23810.1	23356.9
2.5°	28436.6	28827.0	28976.9	29358.5	28976.9	28827.0	28436.6	28014.8	27361.8	26588.6	25752.7
0°	29679.0	29995.1	30184.3	30335.7	30184.3	29995.1	29679.0	29184.9	28630.6	27809.2	26898.8
-2.5°	28436.6	28827.0	28976.9	29358.5	28976.9	28827.0	28436.6	28014.8	27361.8	26588.6	25752.7
-5°	25025.7	25327.7	25522.5	25859.2	25522.5	25327.7	25025.7	24811.7	24339.6	23810.1	23356.9
-7.5°	20024.3	20137.7	20310.0	20318.8	20310.0	20137.7	20024.3	19946.7	19813.1	19607.6	19178.5
-10°	15147.6	15380.9	15394.0	15199.0	15394.0	15380.9	15147.6	15146.2	15242.7	15077.4	15073.5
-12.5°	11969.2	12077.5	11997.5	11897.9	11997.5	12077.5	11969.2	11962.1	11760.6	11804.7	11559.8
-15°	9715.6	9806.3	9852.5	9827.7	9852.5	9806.3	9715.6	9650.3	9624.2	9476.9	9400.0
-17.5°	7926.0	7986.1	8032.2	8109.3	8032.2	7986.1	7926.0	7905.8	7819.0	7731.6	7578.5
-20°	6408.2	6376.1	6424.2	6455.4	6424.2	6376.1	6408.2	6353.6	6268.9	6168.7	6106.9



REPORT NUMBER: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	5083.4	5082.5	5081.1	5119.8	5081.1	5082.5	5083.4	4981.3	4962.9	4857.1	4883.7
-25°	3994.8	4008.0	3980.0	3955.6	3980.0	4008.0	3994.8	3946.0	3908.8	3902.7	3852.8
-27.5°	3158.4	3176.1	3151.7	3132.0	3151.7	3176.1	3158.4	3159.4	3106.2	3143.4	3080.5
-30°	2550.8	2560.1	2532.5	2544.3	2532.5	2560.1	2550.8	2573.1	2537.2	2556.2	2544.1
-32.5°	2126.8	2127.9	2104.5	2099.1	2104.5	2127.9	2126.8	2134.0	2119.6	2114.4	2129.1
-35°	1800.8	1797.4	1781.8	1783.0	1781.8	1797.4	1800.8	1807.0	1809.2	1788.4	1814.8
-37.5°	1570.8	1568.3	1558.1	1553.7	1558.1	1568.3	1570.8	1569.8	1575.9	1562.2	1574.3
-40°	1396.0	1395.2	1390.6	1389.0	1390.6	1395.2	1396.0	1390.5	1396.8	1388.6	1386.6
-42.5°	1260.5	1257.9	1254.7	1255.5	1254.7	1257.9	1260.5	1257.4	1260.8	1255.1	1241.9
-45°	1157.7	1155.4	1152.9	1153.1	1152.9	1155.4	1157.7	1154.8	1153.3	1148.6	1138.1
-47.5°	1072.0	1072.8	1072.9	1072.9	1072.9	1072.8	1072.0	1068.2	1065.4	1061.8	1052.6
-50°	999.6	999.9	999.8	999.5	999.8	999.9	999.6	996.3	991.8	987.0	978.1
-52.5°	936.2	938.7	939.8	939.4	939.8	938.7	936.2	931.4	925.0	918.7	909.0
-55°	875.4	878.6	879.8	879.3	879.8	878.6	875.4	870.4	863.3	856.3	846.9
-57.5°	818.0	822.3	822.3	819.2	822.3	822.3	818.0	812.0	804.3	796.5	787.0
-60°	755.9	760.1	760.8	759.1	760.8	760.1	755.9	750.1	742.6	734.3	724.5
-62.5°	689.8	693.7	695.9	696.7	695.9	693.7	689.8	684.4	677.3	668.9	658.8
-65°	622.7	627.0	629.3	630.0	629.3	627.0	622.7	617.1	610.0	601.7	592.2
-67.5°	552.2	556.0	559.0	560.9	559.0	556.0	552.2	547.0	540.4	532.8	524.3
-70°	480.7	484.9	484.8	483.0	484.8	484.9	480.7	475.3	468.8	461.6	454.2
-72.5°	404.1	407.3	408.0	407.4	408.0	407.3	404.1	400.0	395.0	389.5	383.6
-75°	326.7	327.8	327.9	327.2	327.9	327.8	326.7	324.7	321.8	317.8	313.1
-77.5°	253.0	254.6	255.7	256.0	255.7	254.6	253.0	250.7	247.8	244.7	242.7
-80°	184.0	184.0	183.5	182.5	183.5	184.0	184.0	183.6	182.7	181.4	180.2
-82.5°	128.2	128.5	128.9	129.1	128.9	128.5	128.2	127.7	126.9	125.9	125.4
-85°	73.8	73.2	74.5	75.7	74.5	73.2	73.8	74.3	74.5	74.6	73.9
-87.5°	27.0	26.6	27.8	28.9	27.8	26.6	27.0	27.4	27.7	27.9	28.1
-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: P558990 (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°	28.2	28.3	28.3	29.1	29.9	30.5	31.0	30.0	29.0	27.9	26.7
85°	73.1	72.1	70.9	69.9	68.7	67.5	66.3	65.3	63.9	62.1	60.0
82.5°	124.6	123.4	121.7	118.5	115.1	111.5	107.9	106.1	103.8	101.3	98.5
80°	178.6	176.6	174.2	170.9	166.8	161.9	156.6	152.6	148.0	143.5	140.0
77.5°	240.0	236.6	232.7	228.4	223.5	217.8	211.9	206.7	201.0	194.5	188.9
75°	307.8	302.0	296.1	290.6	284.3	277.3	270.6	264.6	257.3	248.8	242.1
72.5°	376.8	369.0	361.1	353.7	345.7	337.1	330.1	323.8	315.8	305.8	299.0
70°	445.8	436.5	427.0	417.0	406.4	395.3	388.8	383.1	375.5	365.3	359.3
67.5°	514.6	503.7	493.3	482.2	469.9	456.2	449.3	441.8	433.3	423.0	420.3
65°	581.6	569.8	560.1	548.4	534.8	520.0	513.8	505.6	495.1	484.0	482.3
62.5°	646.8	633.0	623.6	612.5	599.1	586.9	580.8	571.5	559.4	551.2	550.0
60°	712.9	700.7	690.4	678.0	663.3	653.8	648.6	639.1	625.3	622.0	620.5
57.5°	775.6	765.0	755.6	743.6	728.9	724.3	719.0	709.0	694.8	696.8	693.5
55°	834.8	826.9	819.3	808.1	794.5	795.9	791.8	782.0	773.5	776.1	772.1
52.5°	896.0	892.6	885.7	873.4	867.7	871.1	866.2	856.6	858.3	861.1	854.8
50°	967.6	965.7	958.6	946.6	949.9	953.0	949.0	937.0	948.5	951.0	942.7
47.5°	1048.1	1047.9	1038.9	1028.3	1041.3	1043.7	1038.9	1039.7	1049.5	1046.8	1036.5
45°	1141.7	1142.5	1133.4	1134.8	1143.8	1145.9	1136.6	1153.8	1160.0	1154.2	1135.7
42.5°	1255.0	1253.7	1243.3	1259.5	1264.7	1261.8	1264.8	1282.7	1282.9	1270.0	1270.9
40°	1397.3	1389.2	1391.4	1406.5	1408.9	1393.0	1421.7	1428.6	1422.4	1398.3	1432.1
37.5°	1578.1	1562.7	1582.0	1586.5	1579.4	1587.9	1608.4	1604.2	1577.2	1600.9	1621.8
35°	1806.9	1801.5	1819.9	1814.1	1786.0	1832.1	1838.3	1809.4	1799.6	1842.8	1840.3
32.5°	2092.6	2123.0	2119.6	2093.4	2110.7	2120.6	2107.0	2058.4	2120.6	2137.1	2099.0
30°	2518.7	2533.6	2501.1	2484.8	2515.2	2481.1	2411.3	2482.3	2509.4	2475.7	2391.4
27.5°	3099.5	3056.5	2997.2	3035.1	2999.7	2918.2	2943.0	2979.0	2947.6	2866.4	2770.8
25°	3838.5	3717.1	3747.3	3721.2	3604.1	3582.4	3618.7	3578.0	3464.7	3343.0	3476.9
22.5°	4767.0	4722.2	4673.0	4525.9	4490.2	4500.5	4412.6	4248.8	4149.2	4276.8	4280.9
20°	6014.9	5937.3	5768.1	5705.2	5673.2	5521.1	5300.2	5277.7	5382.3	5328.6	5167.1
17.5°	7512.1	7308.4	7273.1	7174.5	6987.1	6688.7	6801.8	6840.9	6741.3	6462.8	6123.6
15°	9126.4	9243.6	9141.7	8839.8	8661.1	8795.8	8729.8	8512.0	8209.9	7700.3	7123.1
12.5°	11775.7	11603.7	11174.3	11332.1	11287.6	11124.1	10790.5	10311.2	9684.0	8858.6	8027.1
10°	14850.3	14726.2	14601.2	14393.7	14052.4	13567.3	12756.8	11856.5	10919.4	9946.0	8935.8
7.5°	18856.9	18521.6	18094.5	17332.7	16380.4	15398.7	14371.1	13296.8	12152.5	11016.7	9836.4
5°	22501.9	21516.2	20510.5	19465.0	18310.7	17136.0	15950.3	14712.4	13364.1	12056.2	10709.4
2.5°	24799.8	23773.9	22665.5	21457.5	19971.7	18471.6	16971.8	15472.6	13867.3	12355.3	10844.1
0°	25821.4	24626.0	23257.1	21897.0	20414.5	18849.6	17171.2	15633.1	13990.3	12452.1	10920.7
-2.5°	24799.8	23773.9	22665.5	21457.5	19971.7	18471.6	16971.8	15472.6	13867.3	12355.3	10844.1
-5°	22501.9	21516.2	20510.5	19465.0	18310.7	17136.0	15950.3	14712.4	13364.1	12056.2	10709.4
-7.5°	18856.9	18521.6	18094.5	17332.7	16380.4	15398.7	14371.1	13296.8	12152.5	11016.7	9836.4
-10°	14850.3	14726.2	14601.2	14393.7	14052.4	13567.3	12756.8	11856.5	10919.4	9946.0	8935.8
-12.5°	11775.7	11603.7	11174.3	11332.1	11287.6	11124.1	10790.5	10311.2	9684.0	8858.6	8027.1
-15°	9126.4	9243.6	9141.7	8839.8	8661.1	8795.8	8729.8	8512.0	8209.9	7700.3	7123.1
-17.5°	7512.1	7308.4	7273.1	7174.5	6987.1	6688.7	6801.8	6840.9	6741.3	6462.8	6123.6
-20°	6014.9	5937.3	5768.1	5705.2	5673.2	5521.1	5300.2	5277.7	5382.3	5328.6	5167.1



REPORT NUMBER: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4767.0	4722.2	4673.0	4525.9	4490.2	4500.5	4412.6	4248.8	4149.2	4276.8	4280.9
-25°	3838.5	3717.1	3747.3	3721.2	3604.1	3582.4	3618.7	3578.0	3464.7	3343.0	3476.9
-27.5°	3099.5	3056.5	2997.2	3035.1	2999.7	2918.2	2943.0	2979.0	2947.6	2866.4	2770.8
-30°	2518.7	2533.6	2501.1	2484.8	2515.2	2481.1	2411.3	2482.3	2509.4	2475.7	2391.4
-32.5°	2092.6	2123.0	2119.6	2093.4	2110.7	2120.6	2107.0	2058.4	2120.6	2137.1	2099.0
-35°	1806.9	1801.5	1819.9	1814.1	1786.0	1832.1	1838.3	1809.4	1799.6	1842.8	1840.3
-37.5°	1578.1	1562.7	1582.0	1586.5	1579.4	1587.9	1608.4	1604.2	1577.2	1600.9	1621.8
-40°	1397.3	1389.2	1391.4	1406.5	1408.9	1393.0	1421.7	1428.6	1422.4	1398.3	1432.1
-42.5°	1255.0	1253.7	1243.3	1259.5	1264.7	1261.8	1264.8	1282.7	1282.9	1270.0	1270.9
-45°	1141.7	1142.5	1133.4	1134.8	1143.8	1145.9	1136.6	1153.8	1160.0	1154.2	1135.7
-47.5°	1048.1	1047.9	1038.9	1028.3	1041.3	1043.7	1038.9	1039.7	1049.5	1046.8	1036.5
-50°	967.6	965.7	958.6	946.6	949.9	953.0	949.0	937.0	948.5	951.0	942.7
-52.5°	896.0	892.6	885.7	873.4	867.7	871.1	866.2	856.6	858.3	861.1	854.8
-55°	834.8	826.9	819.3	808.1	794.5	795.9	791.8	782.0	773.5	776.1	772.1
-57.5°	775.6	765.0	755.6	743.6	728.9	724.3	719.0	709.0	694.8	696.8	693.5
-60°	712.9	700.7	690.4	678.0	663.3	653.8	648.6	639.1	625.3	622.0	620.5
-62.5°	646.8	633.0	623.6	612.5	599.1	586.9	580.8	571.5	559.4	551.2	550.0
-65°	581.6	569.8	560.1	548.4	534.8	520.0	513.8	505.6	495.1	484.0	482.3
-67.5°	514.6	503.7	493.3	482.2	469.9	456.2	449.3	441.8	433.3	423.0	420.3
-70°	445.8	436.5	427.0	417.0	406.4	395.3	388.8	383.1	375.5	365.3	359.3
-72.5°	376.8	369.0	361.1	353.7	345.7	337.1	330.1	323.8	315.8	305.8	299.0
-75°	307.8	302.0	296.1	290.6	284.3	277.3	270.6	264.6	257.3	248.8	242.1
-77.5°	240.0	236.6	232.7	228.4	223.5	217.8	211.9	206.7	201.0	194.5	188.9
-80°	178.6	176.6	174.2	170.9	166.8	161.9	156.6	152.6	148.0	143.5	140.0
-82.5°	124.6	123.4	121.7	118.5	115.1	111.5	107.9	106.1	103.8	101.3	98.5
-85°	73.1	72.1	70.9	69.9	68.7	67.5	66.3	65.3	63.9	62.1	60.0
-87.5°	28.2	28.3	28.3	29.1	29.9	30.5	31.0	30.0	29.0	27.9	26.7
-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: P558990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	25.9	25.0	24.1	23.0	21.8	20.6	19.3	17.9	16.6	15.2	13.7
85°	57.9	55.5	52.6	49.3	45.6	41.2	38.5	35.7	33.2	30.4	27.4
82.5°	95.8	92.8	89.2	85.1	81.6	76.8	70.8	63.7	55.5	46.6	41.1
80°	138.8	136.0	131.6	125.6	119.6	112.6	105.9	97.4	87.2	75.8	63.2
77.5°	186.5	182.5	176.9	170.6	162.8	153.8	143.6	131.9	118.7	104.9	89.6
75°	238.2	233.6	227.2	218.5	207.6	195.1	182.6	168.8	152.9	134.3	115.9
72.5°	294.7	288.1	279.2	267.6	254.9	240.1	223.3	205.8	188.1	167.1	143.1
70°	353.3	344.7	334.2	321.8	305.4	285.4	266.2	246.4	223.4	200.0	173.2
67.5°	413.9	404.1	391.3	377.5	360.1	337.9	310.5	288.3	263.6	233.1	203.2
65°	476.9	465.9	450.1	436.3	416.8	392.1	362.7	333.2	304.2	271.1	233.2
62.5°	543.1	530.9	515.8	497.9	475.5	448.4	415.9	384.4	346.5	309.4	266.7
60°	613.2	599.9	584.4	565.2	538.3	506.0	472.8	435.9	394.6	347.7	301.7
57.5°	685.5	670.9	658.1	635.8	605.5	567.9	532.0	491.6	442.8	390.7	336.7
55°	760.5	747.0	735.4	711.4	676.2	633.7	596.4	550.5	492.8	434.8	371.6
52.5°	840.8	831.2	817.2	790.5	751.9	706.5	669.4	611.0	549.5	478.7	410.7
50°	925.4	925.1	906.7	874.5	830.2	792.8	746.1	682.9	607.1	525.1	450.5
47.5°	1029.6	1028.2	1006.5	964.6	913.9	885.6	832.9	758.5	665.6	578.2	490.4
45°	1148.2	1140.1	1113.7	1066.8	1021.5	991.0	926.7	836.8	736.9	632.4	530.5
42.5°	1279.6	1265.4	1228.6	1174.0	1155.7	1107.5	1025.5	926.0	810.1	686.6	574.9
40°	1433.6	1403.6	1352.8	1325.2	1306.1	1233.8	1139.6	1019.9	884.6	744.6	621.8
37.5°	1604.0	1559.9	1492.2	1513.1	1473.4	1384.1	1261.6	1116.8	962.7	810.3	668.2
35°	1803.3	1734.3	1735.9	1732.8	1665.1	1544.7	1390.0	1221.8	1049.2	875.8	713.9
32.5°	2021.3	2003.3	2034.1	1984.3	1874.8	1715.3	1533.6	1337.3	1136.8	940.8	758.8
30°	2330.7	2404.8	2372.1	2260.9	2106.4	1910.8	1687.8	1455.5	1225.2	1005.1	805.1
27.5°	2864.4	2861.9	2752.7	2580.5	2366.3	2118.3	1843.9	1575.8	1314.0	1072.4	857.5
25°	3466.8	3380.5	3192.8	2932.2	2641.8	2325.9	2002.4	1697.9	1410.5	1144.9	908.3
22.5°	4154.7	3945.4	3670.0	3306.8	2914.4	2539.5	2171.3	1831.4	1510.3	1216.1	957.4
20°	4898.7	4547.9	4169.3	3674.0	3208.6	2772.0	2350.0	1963.7	1608.8	1285.4	1004.5
17.5°	5695.5	5169.7	4644.8	4071.7	3517.4	3006.5	2528.4	2093.8	1705.0	1352.4	1049.2
15°	6467.4	5791.4	5134.4	4472.1	3827.4	3240.5	2704.7	2220.7	1798.2	1416.6	1084.4
12.5°	7228.3	6421.7	5630.7	4870.7	4135.0	3471.3	2876.8	2343.1	1887.6	1462.5	1107.4
10°	7987.8	7051.8	6126.7	5262.3	4436.2	3696.1	3042.8	2438.6	1929.7	1491.9	1126.4
7.5°	8735.9	7672.1	6614.2	5641.6	4695.7	3843.0	3113.8	2481.8	1957.4	1515.7	1141.4
5°	9346.2	8076.9	6836.1	5754.1	4768.6	3901.2	3157.6	2515.4	1976.6	1533.6	1152.3
2.5°	9428.6	8143.4	6869.1	5798.5	4817.2	3941.1	3186.7	2538.6	1987.4	1545.6	1159.2
0°	9460.4	8164.9	6864.9	5812.0	4841.5	3962.2	3201.0	2551.0	1990.0	1551.5	1162.0
-2.5°	9428.6	8143.4	6869.1	5798.5	4817.2	3941.1	3186.7	2538.6	1987.4	1545.6	1159.2
-5°	9346.2	8076.9	6836.1	5754.1	4768.6	3901.2	3157.6	2515.4	1976.6	1533.6	1152.3
-7.5°	8735.9	7672.1	6614.2	5641.6	4695.7	3843.0	3113.8	2481.8	1957.4	1515.7	1141.4
-10°	7987.8	7051.8	6126.7	5262.3	4436.2	3696.1	3042.8	2438.6	1929.7	1491.9	1126.4
-12.5°	7228.3	6421.7	5630.7	4870.7	4135.0	3471.3	2876.8	2343.1	1887.6	1462.5	1107.4
-15°	6467.4	5791.4	5134.4	4472.1	3827.4	3240.5	2704.7	2220.7	1798.2	1416.6	1084.4
-17.5°	5695.5	5169.7	4644.8	4071.7	3517.4	3006.5	2528.4	2093.8	1705.0	1352.4	1049.2
-20°	4898.7	4547.9	4169.3	3674.0	3208.6	2772.0	2350.0	1963.7	1608.8	1285.4	1004.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4154.7	3945.4	3670.0	3306.8	2914.4	2539.5	2171.3	1831.4	1510.3	1216.1	957.4
-25°	3466.8	3380.5	3192.8	2932.2	2641.8	2325.9	2002.4	1697.9	1410.5	1144.9	908.3
-27.5°	2864.4	2861.9	2752.7	2580.5	2366.3	2118.3	1843.9	1575.8	1314.0	1072.4	857.5
-30°	2330.7	2404.8	2372.1	2260.9	2106.4	1910.8	1687.8	1455.5	1225.2	1005.1	805.1
-32.5°	2021.3	2003.3	2034.1	1984.3	1874.8	1715.3	1533.6	1337.3	1136.8	940.8	758.8
-35°	1803.3	1734.3	1735.9	1732.8	1665.1	1544.7	1390.0	1221.8	1049.2	875.8	713.9
-37.5°	1604.0	1559.9	1492.2	1513.1	1473.4	1384.1	1261.6	1116.8	962.7	810.3	668.2
-40°	1433.6	1403.6	1352.8	1325.2	1306.1	1233.8	1139.6	1019.9	884.6	744.6	621.8
-42.5°	1279.6	1265.4	1228.6	1174.0	1155.7	1107.5	1025.5	926.0	810.1	686.6	574.9
-45°	1148.2	1140.1	1113.7	1066.8	1021.5	991.0	926.7	836.8	736.9	632.4	530.5
-47.5°	1029.6	1028.2	1006.5	964.6	913.9	885.6	832.9	758.5	665.6	578.2	490.4
-50°	925.4	925.1	906.7	874.5	830.2	792.8	746.1	682.9	607.1	525.1	450.5
-52.5°	840.8	831.2	817.2	790.5	751.9	706.5	669.4	611.0	549.5	478.7	410.7
-55°	760.5	747.0	735.4	711.4	676.2	633.7	596.4	550.5	492.8	434.8	371.6
-57.5°	685.5	670.9	658.1	635.8	605.5	567.9	532.0	491.6	442.8	390.7	336.7
-60°	613.2	599.9	584.4	565.2	538.3	506.0	472.8	435.9	394.6	347.7	301.7
-62.5°	543.1	530.9	515.8	497.9	475.5	448.4	415.9	384.4	346.5	309.4	266.7
-65°	476.9	465.9	450.1	436.3	416.8	392.1	362.7	333.2	304.2	271.1	233.2
-67.5°	413.9	404.1	391.3	377.5	360.1	337.9	310.5	288.3	263.6	233.1	203.2
-70°	353.3	344.7	334.2	321.8	305.4	285.4	266.2	246.4	223.4	200.0	173.2
-72.5°	294.7	288.1	279.2	267.6	254.9	240.1	223.3	205.8	188.1	167.1	143.1
-75°	238.2	233.6	227.2	218.5	207.6	195.1	182.6	168.8	152.9	134.3	115.9
-77.5°	186.5	182.5	176.9	170.6	162.8	153.8	143.6	131.9	118.7	104.9	89.6
-80°	138.8	136.0	131.6	125.6	119.6	112.6	105.9	97.4	87.2	75.8	63.2
-82.5°	95.8	92.8	89.2	85.1	81.6	76.8	70.8	63.7	55.5	46.6	41.1
-85°	57.9	55.5	52.6	49.3	45.6	41.2	38.5	35.7	33.2	30.4	27.4
-87.5°	25.9	25.0	24.1	23.0	21.8	20.6	19.3	17.9	16.6	15.2	13.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	10.7	9.1	7.2	5.0	2.5	0.0
85°	24.2	21.4	18.2	14.4	10.1	5.0	0.0
82.5°	36.3	32.1	27.2	21.5	15.1	7.6	0.0
80°	49.7	42.8	36.3	28.7	20.1	10.1	0.0
77.5°	73.2	56.9	45.3	35.8	25.0	12.5	0.0
75°	96.6	77.0	55.7	42.9	29.9	15.0	0.0
72.5°	119.9	97.1	72.3	49.9	34.8	17.4	0.0
70°	143.5	117.1	88.7	58.0	39.6	19.8	0.0
67.5°	170.6	136.8	105.0	70.6	44.3	22.2	0.0
65°	197.6	158.3	121.1	83.0	48.9	24.5	0.0
62.5°	224.4	181.5	137.0	95.2	53.4	26.7	0.0
60°	251.1	204.4	152.7	107.2	57.8	28.9	0.0
57.5°	281.3	227.1	171.2	119.0	65.7	31.1	0.0
55°	311.7	249.6	189.5	130.5	73.4	33.2	0.0
52.5°	341.7	272.2	207.6	141.9	80.8	35.2	0.0
50°	371.2	297.1	225.3	152.9	88.1	37.2	0.0
47.5°	401.0	321.4	242.6	164.2	95.2	39.1	0.0
45°	435.6	345.1	259.5	176.9	101.9	40.9	0.0
42.5°	470.0	368.3	276.0	189.2	108.5	42.7	0.0
40°	503.9	390.8	293.0	200.7	114.7	44.3	0.0
37.5°	537.5	412.6	310.2	211.4	120.7	45.9	0.0
35°	570.6	437.4	326.8	221.5	126.4	47.4	0.0
32.5°	604.4	463.4	342.7	230.8	131.8	48.8	0.0
30°	640.6	488.5	357.9	239.5	136.9	50.1	0.0
27.5°	675.6	512.7	370.5	247.4	141.6	51.4	0.0
25°	709.2	535.9	382.2	254.7	146.0	52.5	0.0
22.5°	741.3	556.6	392.9	261.2	150.0	53.5	0.0
20°	771.9	572.4	402.8	267.0	153.7	54.4	0.0
17.5°	794.9	586.3	411.8	272.0	157.0	55.2	0.0
15°	812.0	598.2	419.8	276.3	160.0	55.9	0.0
12.5°	826.7	608.2	426.7	279.9	162.5	56.5	0.0
10°	838.9	616.3	432.7	282.8	164.7	57.0	0.0
7.5°	848.5	622.5	437.5	285.0	166.4	57.4	0.0
5°	855.5	626.9	441.2	286.4	167.8	57.7	0.0
2.5°	859.8	629.3	443.8	287.1	168.7	57.8	0.0
0°	861.5	630.0	445.2	287.2	169.2	57.9	0.0
-2.5°	859.8	629.3	443.8	287.1	168.7	57.8	0.0
-5°	855.5	626.9	441.2	286.4	167.8	57.7	0.0
-7.5°	848.5	622.5	437.5	285.0	166.4	57.4	0.0
-10°	838.9	616.3	432.7	282.8	164.7	57.0	0.0
-12.5°	826.7	608.2	426.7	279.9	162.5	56.5	0.0
-15°	812.0	598.2	419.8	276.3	160.0	55.9	0.0
-17.5°	794.9	586.3	411.8	272.0	157.0	55.2	0.0
-20°	771.9	572.4	402.8	267.0	153.7	54.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	741.3	556.6	392.9	261.2	150.0	53.5	0.0
-25°	709.2	535.9	382.2	254.7	146.0	52.5	0.0
-27.5°	675.6	512.7	370.5	247.4	141.6	51.4	0.0
-30°	640.6	488.5	357.9	239.5	136.9	50.1	0.0
-32.5°	604.4	463.4	342.7	230.8	131.8	48.8	0.0
-35°	570.6	437.4	326.8	221.5	126.4	47.4	0.0
-37.5°	537.5	412.6	310.2	211.4	120.7	45.9	0.0
-40°	503.9	390.8	293.0	200.7	114.7	44.3	0.0
-42.5°	470.0	368.3	276.0	189.2	108.5	42.7	0.0
-45°	435.6	345.1	259.5	176.9	101.9	40.9	0.0
-47.5°	401.0	321.4	242.6	164.2	95.2	39.1	0.0
-50°	371.2	297.1	225.3	152.9	88.1	37.2	0.0
-52.5°	341.7	272.2	207.6	141.9	80.8	35.2	0.0
-55°	311.7	249.6	189.5	130.5	73.4	33.2	0.0
-57.5°	281.3	227.1	171.2	119.0	65.7	31.1	0.0
-60°	251.1	204.4	152.7	107.2	57.8	28.9	0.0
-62.5°	224.4	181.5	137.0	95.2	53.4	26.7	0.0
-65°	197.6	158.3	121.1	83.0	48.9	24.5	0.0
-67.5°	170.6	136.8	105.0	70.6	44.3	22.2	0.0
-70°	143.5	117.1	88.7	58.0	39.6	19.8	0.0
-72.5°	119.9	97.1	72.3	49.9	34.8	17.4	0.0
-75°	96.6	77.0	55.7	42.9	29.9	15.0	0.0
-77.5°	73.2	56.9	45.3	35.8	25.0	12.5	0.0
-80°	49.7	42.8	36.3	28.7	20.1	10.1	0.0
-82.5°	36.3	32.1	27.2	21.5	15.1	7.6	0.0
-85°	24.2	21.4	18.2	14.4	10.1	5.0	0.0
-87.5°	12.1	10.7	9.1	7.2	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)