

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: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558694 (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-SA2D-930-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

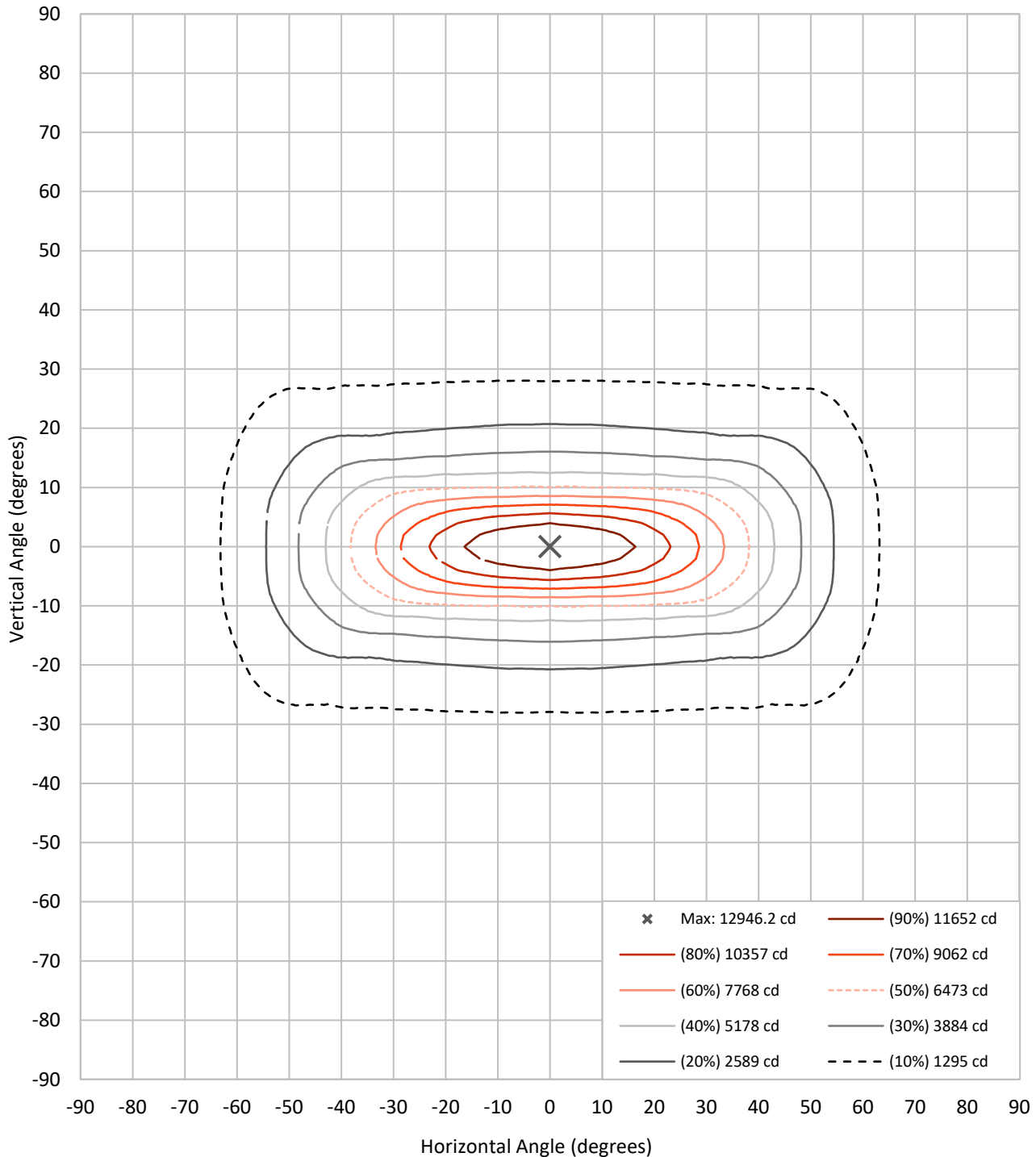
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	9271.8 lumens	Max Intensity:	12946.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3709.6 lumens	Field Lumens:	7599.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 110
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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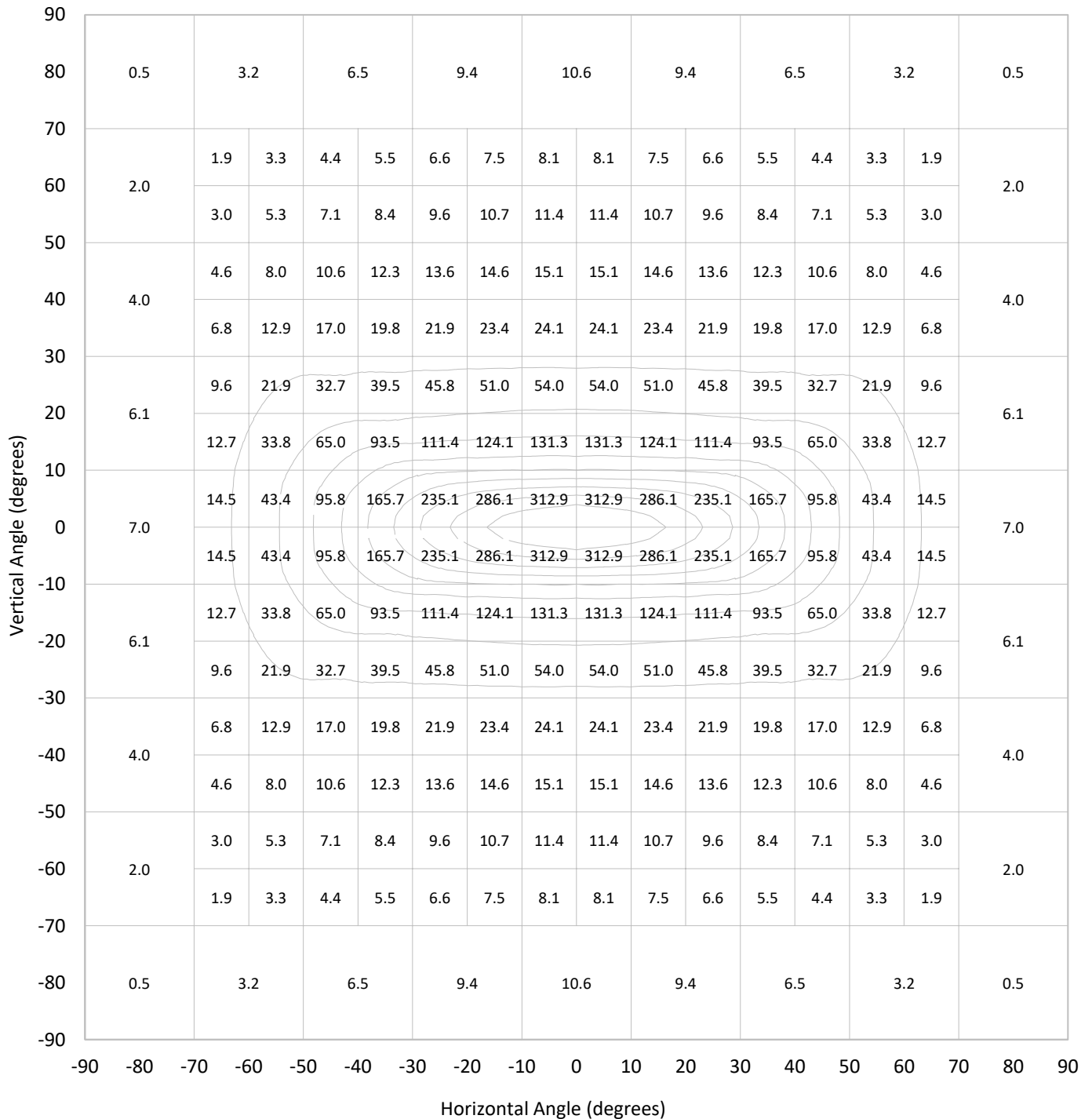
Iso-Candela Plot





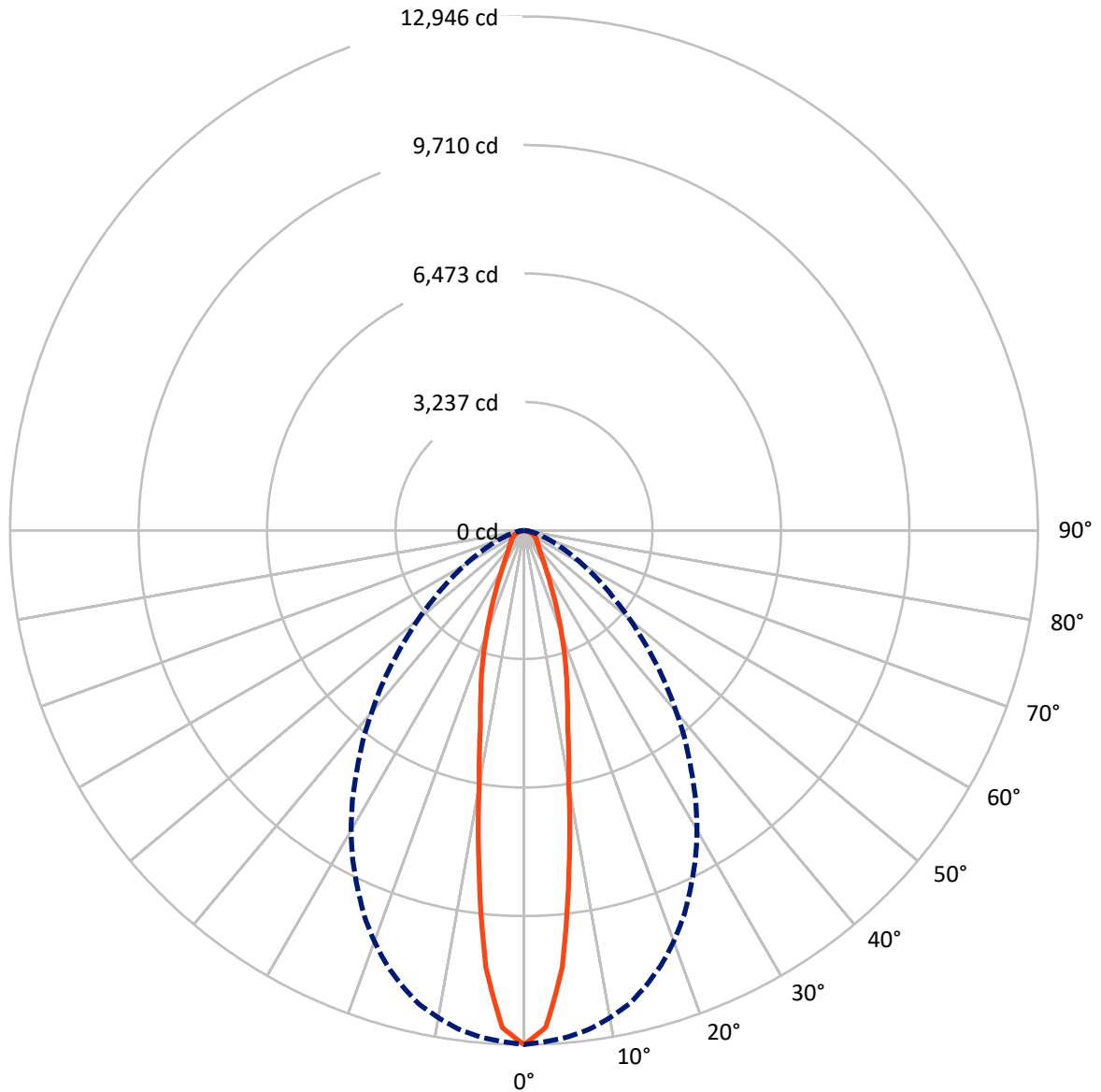
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Lumen Table



REPORT NUMBER: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)
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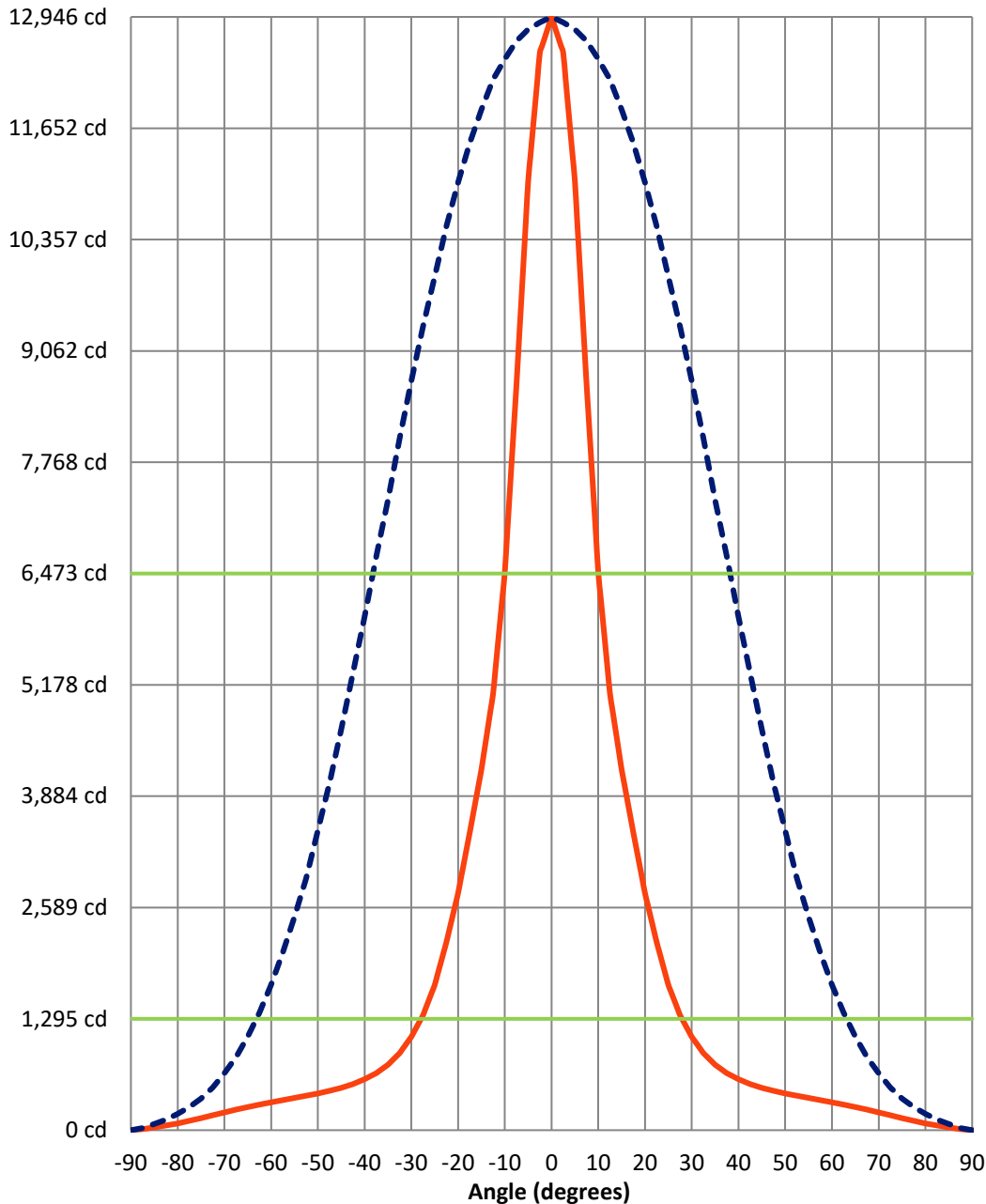
Luminous Intensity Polar Plot



— 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: 3709.6
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 7599.3
Efficiency: 82.0%

Spill:
Lumens: 1672.5
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	1.1	2.2	3.1	3.9	4.6	5.2	5.8	6.5	7.1	7.6
85°	0.0	2.2	4.3	6.1	7.7	9.1	10.3	11.7	13.0	14.1	15.2
82.5°	0.0	3.2	6.4	9.2	11.6	13.7	15.5	17.5	19.8	23.7	27.1
80°	0.0	4.3	8.6	12.2	15.5	18.3	21.2	27.0	32.3	37.2	41.5
77.5°	0.0	5.3	10.7	15.3	19.3	24.2	31.2	38.2	44.7	50.7	56.3
75°	0.0	6.4	12.8	18.3	23.7	32.9	41.2	49.4	57.3	65.2	72.0
72.5°	0.0	7.4	14.8	21.3	30.8	41.4	51.1	61.1	71.3	80.3	87.8
70°	0.0	8.4	16.9	24.7	37.8	49.9	61.3	73.9	85.4	95.4	105.1
67.5°	0.0	9.4	18.9	30.1	44.8	58.4	72.8	86.7	99.5	112.5	123.0
65°	0.0	10.4	20.9	35.4	51.7	67.6	84.3	99.5	115.7	129.8	142.1
62.5°	0.0	11.4	22.8	40.6	58.5	77.4	95.7	113.8	132.0	147.8	164.0
60°	0.0	12.3	24.7	45.7	65.1	87.2	107.1	128.7	148.4	168.4	186.0
57.5°	0.0	13.3	28.0	50.7	73.0	96.9	120.0	143.7	166.7	189.0	209.8
55°	0.0	14.2	31.3	55.7	80.9	106.5	133.0	158.5	185.5	210.3	234.9
52.5°	0.0	15.0	34.5	60.5	88.6	116.2	145.8	175.2	204.3	234.5	260.7
50°	0.0	15.9	37.6	65.2	96.1	126.7	158.4	192.2	224.1	259.1	291.4
47.5°	0.0	16.7	40.6	70.0	103.5	137.1	171.1	209.3	246.7	284.0	323.7
45°	0.0	17.5	43.5	75.5	110.7	147.3	185.9	226.4	269.9	314.5	357.1
42.5°	0.0	18.2	46.3	80.7	117.7	157.2	200.6	245.3	293.0	345.7	395.2
40°	0.0	18.9	48.9	85.6	125.0	166.8	215.1	265.4	317.8	377.5	435.2
37.5°	0.0	19.6	51.5	90.2	132.4	176.1	229.4	285.2	345.8	410.8	476.6
35°	0.0	20.2	53.9	94.5	139.4	186.7	243.5	304.7	373.7	447.7	521.4
32.5°	0.0	20.8	56.2	98.5	146.2	197.8	258.0	323.8	401.5	485.1	570.7
30°	0.0	21.4	58.4	102.2	152.7	208.5	273.4	343.6	428.9	522.9	621.2
27.5°	0.0	21.9	60.4	105.6	158.1	218.8	288.3	366.0	457.6	560.8	672.5
25°	0.0	22.4	62.3	108.6	163.1	228.7	302.7	387.7	488.6	602.0	724.6
22.5°	0.0	22.8	64.0	111.4	167.7	237.6	316.4	408.6	519.0	644.6	781.6
20°	0.0	23.2	65.6	113.9	171.9	244.3	329.4	428.7	548.6	686.6	838.0
17.5°	0.0	23.6	67.0	116.0	175.7	250.2	339.2	447.8	577.2	727.6	893.6
15°	0.0	23.9	68.3	117.9	179.1	255.3	346.6	462.8	604.6	767.4	947.7
12.5°	0.0	24.1	69.3	119.4	182.1	259.5	352.8	472.6	624.2	805.5	999.9
10°	0.0	24.3	70.3	120.6	184.6	263.0	358.0	480.7	636.7	823.5	1040.7
7.5°	0.0	24.5	71.0	121.6	186.7	265.6	362.1	487.1	646.8	835.4	1059.2
5°	0.0	24.6	71.6	122.2	188.3	267.5	365.1	491.8	654.5	843.6	1073.5
2.5°	0.0	24.7	72.0	122.5	189.4	268.5	366.9	494.7	659.6	848.2	1083.4
0°	0.0	24.7	72.2	122.5	190.0	268.8	367.6	495.9	662.1	849.3	1088.7
-2.5°	0.0	24.7	72.0	122.5	189.4	268.5	366.9	494.7	659.6	848.2	1083.4
-5°	0.0	24.6	71.6	122.2	188.3	267.5	365.1	491.8	654.5	843.6	1073.5
-7.5°	0.0	24.5	71.0	121.6	186.7	265.6	362.1	487.1	646.8	835.4	1059.2
-10°	0.0	24.3	70.3	120.6	184.6	263.0	358.0	480.7	636.7	823.5	1040.7
-12.5°	0.0	24.1	69.3	119.4	182.1	259.5	352.8	472.6	624.2	805.5	999.9
-15°	0.0	23.9	68.3	117.9	179.1	255.3	346.6	462.8	604.6	767.4	947.7
-17.5°	0.0	23.6	67.0	116.0	175.7	250.2	339.2	447.8	577.2	727.6	893.6
-20°	0.0	23.2	65.6	113.9	171.9	244.3	329.4	428.7	548.6	686.6	838.0



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.8	64.0	111.4	167.7	237.6	316.4	408.6	519.0	644.6	781.6
-25°	0.0	22.4	62.3	108.6	163.1	228.7	302.7	387.7	488.6	602.0	724.6
-27.5°	0.0	21.9	60.4	105.6	158.1	218.8	288.3	366.0	457.6	560.8	672.5
-30°	0.0	21.4	58.4	102.2	152.7	208.5	273.4	343.6	428.9	522.9	621.2
-32.5°	0.0	20.8	56.2	98.5	146.2	197.8	258.0	323.8	401.5	485.1	570.7
-35°	0.0	20.2	53.9	94.5	139.4	186.7	243.5	304.7	373.7	447.7	521.4
-37.5°	0.0	19.6	51.5	90.2	132.4	176.1	229.4	285.2	345.8	410.8	476.6
-40°	0.0	18.9	48.9	85.6	125.0	166.8	215.1	265.4	317.8	377.5	435.2
-42.5°	0.0	18.2	46.3	80.7	117.7	157.2	200.6	245.3	293.0	345.7	395.2
-45°	0.0	17.5	43.5	75.5	110.7	147.3	185.9	226.4	269.9	314.5	357.1
-47.5°	0.0	16.7	40.6	70.0	103.5	137.1	171.1	209.3	246.7	284.0	323.7
-50°	0.0	15.9	37.6	65.2	96.1	126.7	158.4	192.2	224.1	259.1	291.4
-52.5°	0.0	15.0	34.5	60.5	88.6	116.2	145.8	175.2	204.3	234.5	260.7
-55°	0.0	14.2	31.3	55.7	80.9	106.5	133.0	158.5	185.5	210.3	234.9
-57.5°	0.0	13.3	28.0	50.7	73.0	96.9	120.0	143.7	166.7	189.0	209.8
-60°	0.0	12.3	24.7	45.7	65.1	87.2	107.1	128.7	148.4	168.4	186.0
-62.5°	0.0	11.4	22.8	40.6	58.5	77.4	95.7	113.8	132.0	147.8	164.0
-65°	0.0	10.4	20.9	35.4	51.7	67.6	84.3	99.5	115.7	129.8	142.1
-67.5°	0.0	9.4	18.9	30.1	44.8	58.4	72.8	86.7	99.5	112.5	123.0
-70°	0.0	8.4	16.9	24.7	37.8	49.9	61.3	73.9	85.4	95.4	105.1
-72.5°	0.0	7.4	14.8	21.3	30.8	41.4	51.1	61.1	71.3	80.3	87.8
-75°	0.0	6.4	12.8	18.3	23.7	32.9	41.2	49.4	57.3	65.2	72.0
-77.5°	0.0	5.3	10.7	15.3	19.3	24.2	31.2	38.2	44.7	50.7	56.3
-80°	0.0	4.3	8.6	12.2	15.5	18.3	21.2	27.0	32.3	37.2	41.5
-82.5°	0.0	3.2	6.4	9.2	11.6	13.7	15.5	17.5	19.8	23.7	27.1
-85°	0.0	2.2	4.3	6.1	7.7	9.1	10.3	11.7	13.0	14.1	15.2
-87.5°	0.0	1.1	2.2	3.1	3.9	4.6	5.2	5.8	6.5	7.1	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: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.2	8.8	9.3	9.8	10.3	10.7	11.0	11.4	11.9	12.3	12.8
85°	16.4	17.5	19.4	21.0	22.4	23.7	24.7	25.6	26.5	27.2	27.8
82.5°	30.2	32.8	34.8	36.3	38.1	39.6	40.9	42.0	43.2	44.3	45.2
80°	45.2	48.0	51.0	53.6	56.1	58.0	59.2	59.7	61.2	63.2	65.1
77.5°	61.2	65.6	69.5	72.8	75.5	77.8	79.5	80.6	83.0	85.8	88.2
75°	77.9	83.2	88.6	93.2	96.9	99.6	101.6	103.3	106.2	109.8	112.9
72.5°	95.3	102.4	108.7	114.2	119.1	122.9	125.8	127.6	130.5	134.7	138.2
70°	113.6	121.7	130.3	137.3	142.6	147.1	150.8	153.3	155.9	160.2	163.5
67.5°	132.5	144.2	153.7	161.1	167.0	172.4	176.6	179.3	180.5	184.9	188.5
65°	154.8	167.3	177.9	186.2	192.0	198.8	203.5	205.8	206.6	211.3	215.8
62.5°	177.5	191.4	202.9	212.4	220.1	226.6	231.8	234.7	235.2	238.7	243.9
60°	201.8	215.9	229.7	241.2	249.4	256.0	261.7	264.8	265.4	266.8	272.7
57.5°	227.0	242.3	258.4	271.3	280.8	286.3	292.5	296.0	297.4	296.5	302.6
55°	254.5	270.4	288.5	303.6	313.8	318.8	324.6	329.5	331.2	330.1	333.7
52.5°	285.6	301.5	320.8	337.3	348.7	354.7	358.8	364.8	367.5	366.3	365.6
50°	318.4	338.3	354.3	373.2	386.9	394.8	394.9	402.3	405.9	404.8	399.9
47.5°	355.4	377.9	390.0	411.6	429.5	438.8	439.4	442.3	446.7	447.9	443.7
45°	395.5	422.9	435.9	455.2	475.3	486.5	490.0	484.7	492.6	495.0	492.4
42.5°	437.6	472.6	493.2	501.0	524.3	540.0	546.1	542.4	542.0	547.5	547.4
40°	486.3	526.5	557.4	565.5	577.3	599.0	611.8	611.1	596.8	607.0	609.7
37.5°	538.4	590.7	628.8	645.7	636.8	665.7	684.5	692.1	683.2	673.1	684.6
35°	593.2	659.2	710.6	739.5	740.8	740.1	769.6	785.4	786.4	768.0	772.2
32.5°	654.5	732.0	800.1	846.8	868.1	854.9	862.6	895.8	912.0	905.0	878.5
30°	720.3	815.5	899.0	964.9	1012.3	1026.3	994.7	1020.5	1056.5	1070.9	1059.4
27.5°	786.9	904.0	1009.9	1101.3	1174.8	1221.3	1222.4	1182.5	1223.3	1258.0	1271.4
25°	854.6	992.6	1127.5	1251.4	1362.6	1442.7	1479.5	1483.8	1426.7	1478.6	1527.0
22.5°	926.6	1083.8	1243.8	1411.3	1566.2	1683.8	1773.1	1827.0	1825.2	1770.8	1813.3
20°	1002.9	1183.0	1369.4	1568.0	1779.3	1940.9	2090.6	2205.2	2274.1	2297.0	2252.4
17.5°	1079.1	1283.1	1501.1	1737.7	1982.2	2206.3	2430.7	2613.4	2758.2	2877.0	2919.5
15°	1154.3	1383.0	1633.4	1908.5	2191.2	2471.6	2760.1	3039.9	3286.3	3503.7	3632.6
12.5°	1227.7	1481.5	1764.7	2078.6	2403.0	2740.6	3084.8	3425.7	3780.6	4132.8	4400.5
10°	1298.6	1577.4	1893.2	2245.8	2614.7	3009.5	3408.9	3813.5	4244.6	4660.0	5059.9
7.5°	1328.9	1640.1	2003.9	2407.7	2822.7	3274.2	3728.2	4197.8	4701.6	5186.3	5674.6
5°	1347.6	1665.0	2035.0	2455.7	2917.4	3446.9	3988.6	4570.4	5145.2	5703.3	6278.7
2.5°	1360.0	1682.0	2055.8	2474.6	2931.5	3475.3	4023.8	4627.9	5272.9	5918.1	6603.2
0°	1366.1	1691.0	2066.2	2480.4	2929.7	3484.5	4037.4	4660.6	5314.2	5970.6	6671.7
-2.5°	1360.0	1682.0	2055.8	2474.6	2931.5	3475.3	4023.8	4627.9	5272.9	5918.1	6603.2
-5°	1347.6	1665.0	2035.0	2455.7	2917.4	3446.9	3988.6	4570.4	5145.2	5703.3	6278.7
-7.5°	1328.9	1640.1	2003.9	2407.7	2822.7	3274.2	3728.2	4197.8	4701.6	5186.3	5674.6
-10°	1298.6	1577.4	1893.2	2245.8	2614.7	3009.5	3408.9	3813.5	4244.6	4660.0	5059.9
-12.5°	1227.7	1481.5	1764.7	2078.6	2403.0	2740.6	3084.8	3425.7	3780.6	4132.8	4400.5
-15°	1154.3	1383.0	1633.4	1908.5	2191.2	2471.6	2760.1	3039.9	3286.3	3503.7	3632.6
-17.5°	1079.1	1283.1	1501.1	1737.7	1982.2	2206.3	2430.7	2613.4	2758.2	2877.0	2919.5
-20°	1002.9	1183.0	1369.4	1568.0	1779.3	1940.9	2090.6	2205.2	2274.1	2297.0	2252.4



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 CATALOG NUMBER: GFLD-SA2D-930-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°	926.6	1083.8	1243.8	1411.3	1566.2	1683.8	1773.1	1827.0	1825.2	1770.8	1813.3
-25°	854.6	992.6	1127.5	1251.4	1362.6	1442.7	1479.5	1483.8	1426.7	1478.6	1527.0
-27.5°	786.9	904.0	1009.9	1101.3	1174.8	1221.3	1222.4	1182.5	1223.3	1258.0	1271.4
-30°	720.3	815.5	899.0	964.9	1012.3	1026.3	994.7	1020.5	1056.5	1070.9	1059.4
-32.5°	654.5	732.0	800.1	846.8	868.1	854.9	862.6	895.8	912.0	905.0	878.5
-35°	593.2	659.2	710.6	739.5	740.8	740.1	769.6	785.4	786.4	768.0	772.2
-37.5°	538.4	590.7	628.8	645.7	636.8	665.7	684.5	692.1	683.2	673.1	684.6
-40°	486.3	526.5	557.4	565.5	577.3	599.0	611.8	611.1	596.8	607.0	609.7
-42.5°	437.6	472.6	493.2	501.0	524.3	540.0	546.1	542.4	542.0	547.5	547.4
-45°	395.5	422.9	435.9	455.2	475.3	486.5	490.0	484.7	492.6	495.0	492.4
-47.5°	355.4	377.9	390.0	411.6	429.5	438.8	439.4	442.3	446.7	447.9	443.7
-50°	318.4	338.3	354.3	373.2	386.9	394.8	394.9	402.3	405.9	404.8	399.9
-52.5°	285.6	301.5	320.8	337.3	348.7	354.7	358.8	364.8	367.5	366.3	365.6
-55°	254.5	270.4	288.5	303.6	313.8	318.8	324.6	329.5	331.2	330.1	333.7
-57.5°	227.0	242.3	258.4	271.3	280.8	286.3	292.5	296.0	297.4	296.5	302.6
-60°	201.8	215.9	229.7	241.2	249.4	256.0	261.7	264.8	265.4	266.8	272.7
-62.5°	177.5	191.4	202.9	212.4	220.1	226.6	231.8	234.7	235.2	238.7	243.9
-65°	154.8	167.3	177.9	186.2	192.0	198.8	203.5	205.8	206.6	211.3	215.8
-67.5°	132.5	144.2	153.7	161.1	167.0	172.4	176.6	179.3	180.5	184.9	188.5
-70°	113.6	121.7	130.3	137.3	142.6	147.1	150.8	153.3	155.9	160.2	163.5
-72.5°	95.3	102.4	108.7	114.2	119.1	122.9	125.8	127.6	130.5	134.7	138.2
-75°	77.9	83.2	88.6	93.2	96.9	99.6	101.6	103.3	106.2	109.8	112.9
-77.5°	61.2	65.6	69.5	72.8	75.5	77.8	79.5	80.6	83.0	85.8	88.2
-80°	45.2	48.0	51.0	53.6	56.1	58.0	59.2	59.7	61.2	63.2	65.1
-82.5°	30.2	32.8	34.8	36.3	38.1	39.6	40.9	42.0	43.2	44.3	45.2
-85°	16.4	17.5	19.4	21.0	22.4	23.7	24.7	25.6	26.5	27.2	27.8
-87.5°	8.2	8.8	9.3	9.8	10.3	10.7	11.0	11.4	11.9	12.3	12.8
-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: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	13.2	13.0	12.7	12.4	12.1	12.1	12.0	12.0	11.9	11.8	11.7
85°	28.2	28.8	29.3	29.8	30.3	30.8	31.2	31.5	31.8	31.8	31.6
82.5°	46.0	47.6	49.1	50.6	51.9	52.7	53.2	53.5	53.7	54.1	54.5
80°	66.8	69.1	71.2	72.9	74.3	75.4	76.2	76.9	77.4	77.9	78.3
77.5°	90.4	92.9	95.4	97.5	99.3	101.0	102.4	103.5	104.4	105.7	106.9
75°	115.5	118.4	121.3	124.0	126.3	128.8	131.3	133.6	135.6	137.3	138.6
72.5°	140.8	143.8	147.5	150.9	154.1	157.4	160.8	163.7	166.2	168.5	170.7
70°	165.9	168.7	173.4	178.0	182.2	186.2	190.2	193.8	197.0	200.0	202.8
67.5°	191.7	194.6	200.5	205.8	210.5	215.0	219.6	223.8	227.4	230.6	233.4
65°	219.3	221.9	228.2	234.0	239.0	243.2	248.2	252.7	256.8	260.3	263.3
62.5°	247.8	250.5	255.7	261.4	266.1	270.1	276.0	281.1	285.4	289.0	292.0
60°	276.8	279.1	283.1	289.3	294.6	299.0	304.2	309.2	313.3	316.9	320.1
57.5°	306.9	309.1	311.0	317.3	322.4	326.4	330.9	335.8	339.9	343.2	346.5
55°	337.9	339.6	339.0	344.8	349.6	352.9	356.3	361.4	365.5	368.4	371.4
52.5°	369.7	371.7	370.3	372.7	378.0	380.9	382.4	387.9	392.1	394.7	397.5
50°	405.0	406.7	405.4	404.0	409.1	412.1	413.0	417.4	421.2	423.3	425.2
47.5°	443.3	445.4	444.4	438.8	443.3	447.2	447.3	449.2	453.1	454.7	455.9
45°	485.1	489.0	488.1	484.3	483.7	487.6	487.2	485.7	490.2	492.2	492.8
42.5°	539.8	538.5	539.7	537.5	530.6	535.0	535.6	530.0	535.6	538.0	536.6
40°	606.7	594.5	601.2	600.2	593.8	592.8	596.3	591.7	592.6	596.1	593.4
37.5°	686.4	677.7	674.0	677.0	675.1	666.9	673.5	671.9	666.7	672.5	670.0
35°	784.5	781.9	762.2	774.2	776.7	768.8	771.1	774.5	763.2	772.1	771.1
32.5°	899.2	905.0	900.8	893.4	904.6	906.0	893.0	908.6	902.3	904.5	910.7
30°	1029.1	1058.9	1073.4	1060.4	1067.4	1081.2	1074.9	1085.7	1090.9	1082.8	1098.1
27.5°	1256.0	1245.4	1280.2	1295.3	1279.1	1304.4	1322.8	1314.6	1341.5	1325.6	1348.3
25°	1544.4	1528.8	1538.1	1588.1	1599.2	1586.4	1638.1	1644.2	1665.6	1668.2	1684.0
22.5°	1883.2	1920.7	1916.3	1931.5	1994.3	2015.3	2034.4	2084.2	2072.8	2118.0	2125.8
20°	2262.0	2356.2	2421.1	2434.8	2461.6	2533.8	2566.9	2606.2	2632.6	2675.3	2711.5
17.5°	2902.8	2854.5	2981.9	3061.8	3103.9	3118.9	3205.9	3234.2	3299.6	3336.9	3374.0
15°	3725.6	3753.7	3696.2	3772.5	3901.3	3944.8	3894.8	4011.6	4044.4	4107.3	4118.4
12.5°	4605.0	4747.4	4817.1	4836.1	4768.8	4952.0	5025.5	4933.3	5037.8	5019.0	5105.0
10°	5444.1	5790.0	5997.1	6142.8	6231.3	6284.6	6337.6	6432.9	6434.5	6505.1	6463.8
7.5°	6133.1	6571.6	6990.6	7397.0	7722.1	7904.4	8047.5	8184.7	8367.8	8455.6	8512.6
5°	6807.1	7313.0	7814.4	8307.0	8753.2	9182.4	9603.0	9967.9	10161.3	10387.3	10588.8
2.5°	7243.0	7883.0	8523.2	9157.4	9672.8	10145.9	10583.7	10990.4	11347.1	11677.1	11955.8
0°	7328.1	8044.4	8712.2	9344.9	9925.3	10509.6	11019.7	11479.5	11868.0	12218.6	12455.1
-2.5°	7243.0	7883.0	8523.2	9157.4	9672.8	10145.9	10583.7	10990.4	11347.1	11677.1	11955.8
-5°	6807.1	7313.0	7814.4	8307.0	8753.2	9182.4	9603.0	9967.9	10161.3	10387.3	10588.8
-7.5°	6133.1	6571.6	6990.6	7397.0	7722.1	7904.4	8047.5	8184.7	8367.8	8455.6	8512.6
-10°	5444.1	5790.0	5997.1	6142.8	6231.3	6284.6	6337.6	6432.9	6434.5	6505.1	6463.8
-12.5°	4605.0	4747.4	4817.1	4836.1	4768.8	4952.0	5025.5	4933.3	5037.8	5019.0	5105.0
-15°	3725.6	3753.7	3696.2	3772.5	3901.3	3944.8	3894.8	4011.6	4044.4	4107.3	4118.4
-17.5°	2902.8	2854.5	2981.9	3061.8	3103.9	3118.9	3205.9	3234.2	3299.6	3336.9	3374.0
-20°	2262.0	2356.2	2421.1	2434.8	2461.6	2533.8	2566.9	2606.2	2632.6	2675.3	2711.5



REPORT NUMBER: P558694 (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°	1883.2	1920.7	1916.3	1931.5	1994.3	2015.3	2034.4	2084.2	2072.8	2118.0	2125.8
-25°	1544.4	1528.8	1538.1	1588.1	1599.2	1586.4	1638.1	1644.2	1665.6	1668.2	1684.0
-27.5°	1256.0	1245.4	1280.2	1295.3	1279.1	1304.4	1322.8	1314.6	1341.5	1325.6	1348.3
-30°	1029.1	1058.9	1073.4	1060.4	1067.4	1081.2	1074.9	1085.7	1090.9	1082.8	1098.1
-32.5°	899.2	905.0	900.8	893.4	904.6	906.0	893.0	908.6	902.3	904.5	910.7
-35°	784.5	781.9	762.2	774.2	776.7	768.8	771.1	774.5	763.2	772.1	771.1
-37.5°	686.4	677.7	674.0	677.0	675.1	666.9	673.5	671.9	666.7	672.5	670.0
-40°	606.7	594.5	601.2	600.2	593.8	592.8	596.3	591.7	592.6	596.1	593.4
-42.5°	539.8	538.5	539.7	537.5	530.6	535.0	535.6	530.0	535.6	538.0	536.6
-45°	485.1	489.0	488.1	484.3	483.7	487.6	487.2	485.7	490.2	492.2	492.8
-47.5°	443.3	445.4	444.4	438.8	443.3	447.2	447.3	449.2	453.1	454.7	455.9
-50°	405.0	406.7	405.4	404.0	409.1	412.1	413.0	417.4	421.2	423.3	425.2
-52.5°	369.7	371.7	370.3	372.7	378.0	380.9	382.4	387.9	392.1	394.7	397.5
-55°	337.9	339.6	339.0	344.8	349.6	352.9	356.3	361.4	365.5	368.4	371.4
-57.5°	306.9	309.1	311.0	317.3	322.4	326.4	330.9	335.8	339.9	343.2	346.5
-60°	276.8	279.1	283.1	289.3	294.6	299.0	304.2	309.2	313.3	316.9	320.1
-62.5°	247.8	250.5	255.7	261.4	266.1	270.1	276.0	281.1	285.4	289.0	292.0
-65°	219.3	221.9	228.2	234.0	239.0	243.2	248.2	252.7	256.8	260.3	263.3
-67.5°	191.7	194.6	200.5	205.8	210.5	215.0	219.6	223.8	227.4	230.6	233.4
-70°	165.9	168.7	173.4	178.0	182.2	186.2	190.2	193.8	197.0	200.0	202.8
-72.5°	140.8	143.8	147.5	150.9	154.1	157.4	160.8	163.7	166.2	168.5	170.7
-75°	115.5	118.4	121.3	124.0	126.3	128.8	131.3	133.6	135.6	137.3	138.6
-77.5°	90.4	92.9	95.4	97.5	99.3	101.0	102.4	103.5	104.4	105.7	106.9
-80°	66.8	69.1	71.2	72.9	74.3	75.4	76.2	76.9	77.4	77.9	78.3
-82.5°	46.0	47.6	49.1	50.6	51.9	52.7	53.2	53.5	53.7	54.1	54.5
-85°	28.2	28.8	29.3	29.8	30.3	30.8	31.2	31.5	31.8	31.8	31.6
-87.5°	13.2	13.0	12.7	12.4	12.1	12.1	12.0	12.0	11.9	11.8	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: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	11.5	11.4	11.8	12.3	11.8	11.4	11.5	11.7	11.8	11.9	12.0
85°	31.4	31.2	31.8	32.3	31.8	31.2	31.4	31.6	31.8	31.8	31.5
82.5°	54.7	54.8	55.0	55.1	55.0	54.8	54.7	54.5	54.1	53.7	53.5
80°	78.5	78.5	78.3	77.9	78.3	78.5	78.5	78.3	77.9	77.4	76.9
77.5°	107.9	108.6	109.1	109.2	109.1	108.6	107.9	106.9	105.7	104.4	103.5
75°	139.4	139.9	139.9	139.6	139.9	139.9	139.4	138.6	137.3	135.6	133.6
72.5°	172.5	173.8	174.1	173.8	174.1	173.8	172.5	170.7	168.5	166.2	163.7
70°	205.1	206.9	206.9	206.1	206.9	206.9	205.1	202.8	200.0	197.0	193.8
67.5°	235.6	237.3	238.6	239.4	238.6	237.3	235.6	233.4	230.6	227.4	223.8
65°	265.7	267.5	268.5	268.8	268.5	267.5	265.7	263.3	260.3	256.8	252.7
62.5°	294.4	296.0	297.0	297.3	297.0	296.0	294.4	292.0	289.0	285.4	281.1
60°	322.6	324.4	324.6	323.9	324.6	324.4	322.6	320.1	316.9	313.3	309.2
57.5°	349.1	350.9	350.9	349.6	350.9	350.9	349.1	346.5	343.2	339.9	335.8
55°	373.6	374.9	375.4	375.2	375.4	374.9	373.6	371.4	368.4	365.5	361.4
52.5°	399.5	400.6	401.0	400.9	401.0	400.6	399.5	397.5	394.7	392.1	387.9
50°	426.6	426.7	426.7	426.5	426.7	426.7	426.6	425.2	423.3	421.2	417.4
47.5°	457.5	457.8	457.9	457.9	457.9	457.8	457.5	455.9	454.7	453.1	449.2
45°	494.0	493.0	492.0	492.1	492.0	493.0	494.0	492.8	492.2	490.2	485.7
42.5°	537.9	536.8	535.4	535.8	535.4	536.8	537.9	536.6	538.0	535.6	530.0
40°	595.7	595.4	593.5	592.8	593.5	595.4	595.7	593.4	596.1	592.6	591.7
37.5°	670.4	669.3	664.9	663.1	664.9	669.3	670.4	670.0	672.5	666.7	671.9
35°	768.5	767.1	760.4	760.9	760.4	767.1	768.5	771.1	772.1	763.2	774.5
32.5°	907.6	908.1	898.1	895.8	898.1	908.1	907.6	910.7	904.5	902.3	908.6
30°	1088.6	1092.6	1080.7	1085.8	1080.7	1092.6	1088.6	1098.1	1082.8	1090.9	1085.7
27.5°	1347.9	1355.5	1345.1	1336.6	1345.1	1355.5	1347.9	1348.3	1325.6	1341.5	1314.6
25°	1704.8	1710.5	1698.5	1688.1	1698.5	1710.5	1704.8	1684.0	1668.2	1665.6	1644.2
22.5°	2169.4	2169.0	2168.4	2184.9	2168.4	2169.0	2169.4	2125.8	2118.0	2072.8	2084.2
20°	2734.8	2721.1	2741.6	2754.9	2741.6	2721.1	2734.8	2711.5	2675.3	2632.6	2606.2
17.5°	3382.5	3408.2	3427.9	3460.8	3427.9	3408.2	3382.5	3374.0	3336.9	3299.6	3234.2
15°	4146.3	4185.0	4204.7	4194.1	4204.7	4185.0	4146.3	4118.4	4107.3	4044.4	4011.6
12.5°	5108.0	5154.3	5120.1	5077.6	5120.1	5154.3	5108.0	5105.0	5019.0	5037.8	4933.3
10°	6464.5	6564.1	6569.7	6486.4	6569.7	6564.1	6464.5	6463.8	6505.1	6434.5	6432.9
7.5°	8545.7	8594.1	8667.6	8671.4	8667.6	8594.1	8545.7	8512.6	8455.6	8367.8	8184.7
5°	10680.1	10809.0	10892.1	11035.8	10892.1	10809.0	10680.1	10588.8	10387.3	10161.3	9967.9
2.5°	12135.8	12302.4	12366.3	12529.2	12366.3	12302.4	12135.8	11955.8	11677.1	11347.1	10990.4
0°	12666.0	12800.9	12881.6	12946.2	12881.6	12800.9	12666.0	12455.1	12218.6	11868.0	11479.5
-2.5°	12135.8	12302.4	12366.3	12529.2	12366.3	12302.4	12135.8	11955.8	11677.1	11347.1	10990.4
-5°	10680.1	10809.0	10892.1	11035.8	10892.1	10809.0	10680.1	10588.8	10387.3	10161.3	9967.9
-7.5°	8545.7	8594.1	8667.6	8671.4	8667.6	8594.1	8545.7	8512.6	8455.6	8367.8	8184.7
-10°	6464.5	6564.1	6569.7	6486.4	6569.7	6564.1	6464.5	6463.8	6505.1	6434.5	6432.9
-12.5°	5108.0	5154.3	5120.1	5077.6	5120.1	5154.3	5108.0	5105.0	5019.0	5037.8	4933.3
-15°	4146.3	4185.0	4204.7	4194.1	4204.7	4185.0	4146.3	4118.4	4107.3	4044.4	4011.6
-17.5°	3382.5	3408.2	3427.9	3460.8	3427.9	3408.2	3382.5	3374.0	3336.9	3299.6	3234.2
-20°	2734.8	2721.1	2741.6	2754.9	2741.6	2721.1	2734.8	2711.5	2675.3	2632.6	2606.2



REPORT NUMBER: P558694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-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°	2169.4	2169.0	2168.4	2184.9	2168.4	2169.0	2169.4	2125.8	2118.0	2072.8	2084.2
-25°	1704.8	1710.5	1698.5	1688.1	1698.5	1710.5	1704.8	1684.0	1668.2	1665.6	1644.2
-27.5°	1347.9	1355.5	1345.1	1336.6	1345.1	1355.5	1347.9	1348.3	1325.6	1341.5	1314.6
-30°	1088.6	1092.6	1080.7	1085.8	1080.7	1092.6	1088.6	1098.1	1082.8	1090.9	1085.7
-32.5°	907.6	908.1	898.1	895.8	898.1	908.1	907.6	910.7	904.5	902.3	908.6
-35°	768.5	767.1	760.4	760.9	760.4	767.1	768.5	771.1	772.1	763.2	774.5
-37.5°	670.4	669.3	664.9	663.1	664.9	669.3	670.4	670.0	672.5	666.7	671.9
-40°	595.7	595.4	593.5	592.8	593.5	595.4	595.7	593.4	596.1	592.6	591.7
-42.5°	537.9	536.8	535.4	535.8	535.4	536.8	537.9	536.6	538.0	535.6	530.0
-45°	494.0	493.0	492.0	492.1	492.0	493.0	494.0	492.8	492.2	490.2	485.7
-47.5°	457.5	457.8	457.9	457.9	457.9	457.8	457.5	455.9	454.7	453.1	449.2
-50°	426.6	426.7	426.7	426.5	426.7	426.7	426.6	425.2	423.3	421.2	417.4
-52.5°	399.5	400.6	401.0	400.9	401.0	400.6	399.5	397.5	394.7	392.1	387.9
-55°	373.6	374.9	375.4	375.2	375.4	374.9	373.6	371.4	368.4	365.5	361.4
-57.5°	349.1	350.9	350.9	349.6	350.9	350.9	349.1	346.5	343.2	339.9	335.8
-60°	322.6	324.4	324.6	323.9	324.6	324.4	322.6	320.1	316.9	313.3	309.2
-62.5°	294.4	296.0	297.0	297.3	297.0	296.0	294.4	292.0	289.0	285.4	281.1
-65°	265.7	267.5	268.5	268.8	268.5	267.5	265.7	263.3	260.3	256.8	252.7
-67.5°	235.6	237.3	238.6	239.4	238.6	237.3	235.6	233.4	230.6	227.4	223.8
-70°	205.1	206.9	206.9	206.1	206.9	206.9	205.1	202.8	200.0	197.0	193.8
-72.5°	172.5	173.8	174.1	173.8	174.1	173.8	172.5	170.7	168.5	166.2	163.7
-75°	139.4	139.9	139.9	139.6	139.9	139.9	139.4	138.6	137.3	135.6	133.6
-77.5°	107.9	108.6	109.1	109.2	109.1	108.6	107.9	106.9	105.7	104.4	103.5
-80°	78.5	78.5	78.3	77.9	78.3	78.5	78.5	78.3	77.9	77.4	76.9
-82.5°	54.7	54.8	55.0	55.1	55.0	54.8	54.7	54.5	54.1	53.7	53.5
-85°	31.4	31.2	31.8	32.3	31.8	31.2	31.4	31.6	31.8	31.8	31.5
-87.5°	11.5	11.4	11.8	12.3	11.8	11.4	11.5	11.7	11.8	11.9	12.0
-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: P558694 (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°	12.0	12.1	12.1	12.4	12.7	13.0	13.2	12.8	12.3	11.9	11.4
85°	31.2	30.8	30.3	29.8	29.3	28.8	28.2	27.8	27.2	26.5	25.6
82.5°	53.2	52.7	51.9	50.6	49.1	47.6	46.0	45.2	44.3	43.2	42.0
80°	76.2	75.4	74.3	72.9	71.2	69.1	66.8	65.1	63.2	61.2	59.7
77.5°	102.4	101.0	99.3	97.5	95.4	92.9	90.4	88.2	85.8	83.0	80.6
75°	131.3	128.8	126.3	124.0	121.3	118.4	115.5	112.9	109.8	106.2	103.3
72.5°	160.8	157.4	154.1	150.9	147.5	143.8	140.8	138.2	134.7	130.5	127.6
70°	190.2	186.2	182.2	178.0	173.4	168.7	165.9	163.5	160.2	155.9	153.3
67.5°	219.6	215.0	210.5	205.8	200.5	194.6	191.7	188.5	184.9	180.5	179.3
65°	248.2	243.2	239.0	234.0	228.2	221.9	219.3	215.8	211.3	206.6	205.8
62.5°	276.0	270.1	266.1	261.4	255.7	250.5	247.8	243.9	238.7	235.2	234.7
60°	304.2	299.0	294.6	289.3	283.1	279.1	276.8	272.7	266.8	265.4	264.8
57.5°	330.9	326.4	322.4	317.3	311.0	309.1	306.9	302.6	296.5	297.4	296.0
55°	356.3	352.9	349.6	344.8	339.0	339.6	337.9	333.7	330.1	331.2	329.5
52.5°	382.4	380.9	378.0	372.7	370.3	371.7	369.7	365.6	366.3	367.5	364.8
50°	413.0	412.1	409.1	404.0	405.4	406.7	405.0	399.9	404.8	405.9	402.3
47.5°	447.3	447.2	443.3	438.8	444.4	445.4	443.3	443.7	447.9	446.7	442.3
45°	487.2	487.6	483.7	484.3	488.1	489.0	485.1	492.4	495.0	492.6	484.7
42.5°	535.6	535.0	530.6	537.5	539.7	538.5	539.8	547.4	547.5	542.0	542.4
40°	596.3	592.8	593.8	600.2	601.2	594.5	606.7	609.7	607.0	596.8	611.1
37.5°	673.5	666.9	675.1	677.0	674.0	677.7	686.4	684.6	673.1	683.2	692.1
35°	771.1	768.8	776.7	774.2	762.2	781.9	784.5	772.2	768.0	786.4	785.4
32.5°	893.0	906.0	904.6	893.4	900.8	905.0	899.2	878.5	905.0	912.0	895.8
30°	1074.9	1081.2	1067.4	1060.4	1073.4	1058.9	1029.1	1059.4	1070.9	1056.5	1020.5
27.5°	1322.8	1304.4	1279.1	1295.3	1280.2	1245.4	1256.0	1271.4	1258.0	1223.3	1182.5
25°	1638.1	1586.4	1599.2	1588.1	1538.1	1528.8	1544.4	1527.0	1478.6	1426.7	1483.8
22.5°	2034.4	2015.3	1994.3	1931.5	1916.3	1920.7	1883.2	1813.3	1770.8	1825.2	1827.0
20°	2566.9	2533.8	2461.6	2434.8	2421.1	2356.2	2262.0	2252.4	2297.0	2274.1	2205.2
17.5°	3205.9	3118.9	3103.9	3061.8	2981.9	2854.5	2902.8	2919.5	2877.0	2758.2	2613.4
15°	3894.8	3944.8	3901.3	3772.5	3696.2	3753.7	3725.6	3632.6	3503.7	3286.3	3039.9
12.5°	5025.5	4952.0	4768.8	4836.1	4817.1	4747.4	4605.0	4400.5	4132.8	3780.6	3425.7
10°	6337.6	6284.6	6231.3	6142.8	5997.1	5790.0	5444.1	5059.9	4660.0	4244.6	3813.5
7.5°	8047.5	7904.4	7722.1	7397.0	6990.6	6571.6	6133.1	5674.6	5186.3	4701.6	4197.8
5°	9603.0	9182.4	8753.2	8307.0	7814.4	7313.0	6807.1	6278.7	5703.3	5145.2	4570.4
2.5°	10583.7	10145.9	9672.8	9157.4	8523.2	7883.0	7243.0	6603.2	5918.1	5272.9	4627.9
0°	11019.7	10509.6	9925.3	9344.9	8712.2	8044.4	7328.1	6671.7	5970.6	5314.2	4660.6
-2.5°	10583.7	10145.9	9672.8	9157.4	8523.2	7883.0	7243.0	6603.2	5918.1	5272.9	4627.9
-5°	9603.0	9182.4	8753.2	8307.0	7814.4	7313.0	6807.1	6278.7	5703.3	5145.2	4570.4
-7.5°	8047.5	7904.4	7722.1	7397.0	6990.6	6571.6	6133.1	5674.6	5186.3	4701.6	4197.8
-10°	6337.6	6284.6	6231.3	6142.8	5997.1	5790.0	5444.1	5059.9	4660.0	4244.6	3813.5
-12.5°	5025.5	4952.0	4768.8	4836.1	4817.1	4747.4	4605.0	4400.5	4132.8	3780.6	3425.7
-15°	3894.8	3944.8	3901.3	3772.5	3696.2	3753.7	3725.6	3632.6	3503.7	3286.3	3039.9
-17.5°	3205.9	3118.9	3103.9	3061.8	2981.9	2854.5	2902.8	2919.5	2877.0	2758.2	2613.4
-20°	2566.9	2533.8	2461.6	2434.8	2421.1	2356.2	2262.0	2252.4	2297.0	2274.1	2205.2



REPORT NUMBER: P558694 (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°
-22.5°	2034.4	2015.3	1994.3	1931.5	1916.3	1920.7	1883.2	1813.3	1770.8	1825.2	1827.0
-25°	1638.1	1586.4	1599.2	1588.1	1538.1	1528.8	1544.4	1527.0	1478.6	1426.7	1483.8
-27.5°	1322.8	1304.4	1279.1	1295.3	1280.2	1245.4	1256.0	1271.4	1258.0	1223.3	1182.5
-30°	1074.9	1081.2	1067.4	1060.4	1073.4	1058.9	1029.1	1059.4	1070.9	1056.5	1020.5
-32.5°	893.0	906.0	904.6	893.4	900.8	905.0	899.2	878.5	905.0	912.0	895.8
-35°	771.1	768.8	776.7	774.2	762.2	781.9	784.5	772.2	768.0	786.4	785.4
-37.5°	673.5	666.9	675.1	677.0	674.0	677.7	686.4	684.6	673.1	683.2	692.1
-40°	596.3	592.8	593.8	600.2	601.2	594.5	606.7	609.7	607.0	596.8	611.1
-42.5°	535.6	535.0	530.6	537.5	539.7	538.5	539.8	547.4	547.5	542.0	542.4
-45°	487.2	487.6	483.7	484.3	488.1	489.0	485.1	492.4	495.0	492.6	484.7
-47.5°	447.3	447.2	443.3	438.8	444.4	445.4	443.3	443.7	447.9	446.7	442.3
-50°	413.0	412.1	409.1	404.0	405.4	406.7	405.0	399.9	404.8	405.9	402.3
-52.5°	382.4	380.9	378.0	372.7	370.3	371.7	369.7	365.6	366.3	367.5	364.8
-55°	356.3	352.9	349.6	344.8	339.0	339.6	337.9	333.7	330.1	331.2	329.5
-57.5°	330.9	326.4	322.4	317.3	311.0	309.1	306.9	302.6	296.5	297.4	296.0
-60°	304.2	299.0	294.6	289.3	283.1	279.1	276.8	272.7	266.8	265.4	264.8
-62.5°	276.0	270.1	266.1	261.4	255.7	250.5	247.8	243.9	238.7	235.2	234.7
-65°	248.2	243.2	239.0	234.0	228.2	221.9	219.3	215.8	211.3	206.6	205.8
-67.5°	219.6	215.0	210.5	205.8	200.5	194.6	191.7	188.5	184.9	180.5	179.3
-70°	190.2	186.2	182.2	178.0	173.4	168.7	165.9	163.5	160.2	155.9	153.3
-72.5°	160.8	157.4	154.1	150.9	147.5	143.8	140.8	138.2	134.7	130.5	127.6
-75°	131.3	128.8	126.3	124.0	121.3	118.4	115.5	112.9	109.8	106.2	103.3
-77.5°	102.4	101.0	99.3	97.5	95.4	92.9	90.4	88.2	85.8	83.0	80.6
-80°	76.2	75.4	74.3	72.9	71.2	69.1	66.8	65.1	63.2	61.2	59.7
-82.5°	53.2	52.7	51.9	50.6	49.1	47.6	46.0	45.2	44.3	43.2	42.0
-85°	31.2	30.8	30.3	29.8	29.3	28.8	28.2	27.8	27.2	26.5	25.6
-87.5°	12.0	12.1	12.1	12.4	12.7	13.0	13.2	12.8	12.3	11.9	11.4
-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):

	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°	11.0	10.7	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.8
85°	24.7	23.7	22.4	21.0	19.4	17.5	16.4	15.2	14.1	13.0	11.7
82.5°	40.9	39.6	38.1	36.3	34.8	32.8	30.2	27.1	23.7	19.8	17.5
80°	59.2	58.0	56.1	53.6	51.0	48.0	45.2	41.5	37.2	32.3	27.0
77.5°	79.5	77.8	75.5	72.8	69.5	65.6	61.2	56.3	50.7	44.7	38.2
75°	101.6	99.6	96.9	93.2	88.6	83.2	77.9	72.0	65.2	57.3	49.4
72.5°	125.8	122.9	119.1	114.2	108.7	102.4	95.3	87.8	80.3	71.3	61.1
70°	150.8	147.1	142.6	137.3	130.3	121.7	113.6	105.1	95.4	85.4	73.9
67.5°	176.6	172.4	167.0	161.1	153.7	144.2	132.5	123.0	112.5	99.5	86.7
65°	203.5	198.8	192.0	186.2	177.9	167.3	154.8	142.1	129.8	115.7	99.5
62.5°	231.8	226.6	220.1	212.4	202.9	191.4	177.5	164.0	147.8	132.0	113.8
60°	261.7	256.0	249.4	241.2	229.7	215.9	201.8	186.0	168.4	148.4	128.7
57.5°	292.5	286.3	280.8	271.3	258.4	242.3	227.0	209.8	189.0	166.7	143.7
55°	324.6	318.8	313.8	303.6	288.5	270.4	254.5	234.9	210.3	185.5	158.5
52.5°	358.8	354.7	348.7	337.3	320.8	301.5	285.6	260.7	234.5	204.3	175.2
50°	394.9	394.8	386.9	373.2	354.3	338.3	318.4	291.4	259.1	224.1	192.2
47.5°	439.4	438.8	429.5	411.6	390.0	377.9	355.4	323.7	284.0	246.7	209.3
45°	490.0	486.5	475.3	455.2	435.9	422.9	395.5	357.1	314.5	269.9	226.4
42.5°	546.1	540.0	524.3	501.0	493.2	472.6	437.6	395.2	345.7	293.0	245.3
40°	611.8	599.0	577.3	565.5	557.4	526.5	486.3	435.2	377.5	317.8	265.4
37.5°	684.5	665.7	636.8	645.7	628.8	590.7	538.4	476.6	410.8	345.8	285.2
35°	769.6	740.1	740.8	739.5	710.6	659.2	593.2	521.4	447.7	373.7	304.7
32.5°	862.6	854.9	868.1	846.8	800.1	732.0	654.5	570.7	485.1	401.5	323.8
30°	994.7	1026.3	1012.3	964.9	899.0	815.5	720.3	621.2	522.9	428.9	343.6
27.5°	1222.4	1221.3	1174.8	1101.3	1009.9	904.0	786.9	672.5	560.8	457.6	366.0
25°	1479.5	1442.7	1362.6	1251.4	1127.5	992.6	854.6	724.6	602.0	488.6	387.7
22.5°	1773.1	1683.8	1566.2	1411.3	1243.8	1083.8	926.6	781.6	644.6	519.0	408.6
20°	2090.6	1940.9	1779.3	1568.0	1369.4	1183.0	1002.9	838.0	686.6	548.6	428.7
17.5°	2430.7	2206.3	1982.2	1737.7	1501.1	1283.1	1079.1	893.6	727.6	577.2	447.8
15°	2760.1	2471.6	2191.2	1908.5	1633.4	1383.0	1154.3	947.7	767.4	604.6	462.8
12.5°	3084.8	2740.6	2403.0	2078.6	1764.7	1481.5	1227.7	999.9	805.5	624.2	472.6
10°	3408.9	3009.5	2614.7	2245.8	1893.2	1577.4	1298.6	1040.7	823.5	636.7	480.7
7.5°	3728.2	3274.2	2822.7	2407.7	2003.9	1640.1	1328.9	1059.2	835.4	646.8	487.1
5°	3988.6	3446.9	2917.4	2455.7	2035.0	1665.0	1347.6	1073.5	843.6	654.5	491.8
2.5°	4023.8	3475.3	2931.5	2474.6	2055.8	1682.0	1360.0	1083.4	848.2	659.6	494.7
0°	4037.4	3484.5	2929.7	2480.4	2066.2	1691.0	1366.1	1088.7	849.3	662.1	495.9
-2.5°	4023.8	3475.3	2931.5	2474.6	2055.8	1682.0	1360.0	1083.4	848.2	659.6	494.7
-5°	3988.6	3446.9	2917.4	2455.7	2035.0	1665.0	1347.6	1073.5	843.6	654.5	491.8
-7.5°	3728.2	3274.2	2822.7	2407.7	2003.9	1640.1	1328.9	1059.2	835.4	646.8	487.1
-10°	3408.9	3009.5	2614.7	2245.8	1893.2	1577.4	1298.6	1040.7	823.5	636.7	480.7
-12.5°	3084.8	2740.6	2403.0	2078.6	1764.7	1481.5	1227.7	999.9	805.5	624.2	472.6
-15°	2760.1	2471.6	2191.2	1908.5	1633.4	1383.0	1154.3	947.7	767.4	604.6	462.8
-17.5°	2430.7	2206.3	1982.2	1737.7	1501.1	1283.1	1079.1	893.6	727.6	577.2	447.8
-20°	2090.6	1940.9	1779.3	1568.0	1369.4	1183.0	1002.9	838.0	686.6	548.6	428.7



REPORT NUMBER: P558694 (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°
-22.5°	1773.1	1683.8	1566.2	1411.3	1243.8	1083.8	926.6	781.6	644.6	519.0	408.6
-25°	1479.5	1442.7	1362.6	1251.4	1127.5	992.6	854.6	724.6	602.0	488.6	387.7
-27.5°	1222.4	1221.3	1174.8	1101.3	1009.9	904.0	786.9	672.5	560.8	457.6	366.0
-30°	994.7	1026.3	1012.3	964.9	899.0	815.5	720.3	621.2	522.9	428.9	343.6
-32.5°	862.6	854.9	868.1	846.8	800.1	732.0	654.5	570.7	485.1	401.5	323.8
-35°	769.6	740.1	740.8	739.5	710.6	659.2	593.2	521.4	447.7	373.7	304.7
-37.5°	684.5	665.7	636.8	645.7	628.8	590.7	538.4	476.6	410.8	345.8	285.2
-40°	611.8	599.0	577.3	565.5	557.4	526.5	486.3	435.2	377.5	317.8	265.4
-42.5°	546.1	540.0	524.3	501.0	493.2	472.6	437.6	395.2	345.7	293.0	245.3
-45°	490.0	486.5	475.3	455.2	435.9	422.9	395.5	357.1	314.5	269.9	226.4
-47.5°	439.4	438.8	429.5	411.6	390.0	377.9	355.4	323.7	284.0	246.7	209.3
-50°	394.9	394.8	386.9	373.2	354.3	338.3	318.4	291.4	259.1	224.1	192.2
-52.5°	358.8	354.7	348.7	337.3	320.8	301.5	285.6	260.7	234.5	204.3	175.2
-55°	324.6	318.8	313.8	303.6	288.5	270.4	254.5	234.9	210.3	185.5	158.5
-57.5°	292.5	286.3	280.8	271.3	258.4	242.3	227.0	209.8	189.0	166.7	143.7
-60°	261.7	256.0	249.4	241.2	229.7	215.9	201.8	186.0	168.4	148.4	128.7
-62.5°	231.8	226.6	220.1	212.4	202.9	191.4	177.5	164.0	147.8	132.0	113.8
-65°	203.5	198.8	192.0	186.2	177.9	167.3	154.8	142.1	129.8	115.7	99.5
-67.5°	176.6	172.4	167.0	161.1	153.7	144.2	132.5	123.0	112.5	99.5	86.7
-70°	150.8	147.1	142.6	137.3	130.3	121.7	113.6	105.1	95.4	85.4	73.9
-72.5°	125.8	122.9	119.1	114.2	108.7	102.4	95.3	87.8	80.3	71.3	61.1
-75°	101.6	99.6	96.9	93.2	88.6	83.2	77.9	72.0	65.2	57.3	49.4
-77.5°	79.5	77.8	75.5	72.8	69.5	65.6	61.2	56.3	50.7	44.7	38.2
-80°	59.2	58.0	56.1	53.6	51.0	48.0	45.2	41.5	37.2	32.3	27.0
-82.5°	40.9	39.6	38.1	36.3	34.8	32.8	30.2	27.1	23.7	19.8	17.5
-85°	24.7	23.7	22.4	21.0	19.4	17.5	16.4	15.2	14.1	13.0	11.7
-87.5°	11.0	10.7	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.8
-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°	5.2	4.6	3.9	3.1	2.2	1.1	0.0
85°	10.3	9.1	7.7	6.1	4.3	2.2	0.0
82.5°	15.5	13.7	11.6	9.2	6.4	3.2	0.0
80°	21.2	18.3	15.5	12.2	8.6	4.3	0.0
77.5°	31.2	24.2	19.3	15.3	10.7	5.3	0.0
75°	41.2	32.9	23.7	18.3	12.8	6.4	0.0
72.5°	51.1	41.4	30.8	21.3	14.8	7.4	0.0
70°	61.3	49.9	37.8	24.7	16.9	8.4	0.0
67.5°	72.8	58.4	44.8	30.1	18.9	9.4	0.0
65°	84.3	67.6	51.7	35.4	20.9	10.4	0.0
62.5°	95.7	77.4	58.5	40.6	22.8	11.4	0.0
60°	107.1	87.2	65.1	45.7	24.7	12.3	0.0
57.5°	120.0	96.9	73.0	50.7	28.0	13.3	0.0
55°	133.0	106.5	80.9	55.7	31.3	14.2	0.0
52.5°	145.8	116.2	88.6	60.5	34.5	15.0	0.0
50°	158.4	126.7	96.1	65.2	37.6	15.9	0.0
47.5°	171.1	137.1	103.5	70.0	40.6	16.7	0.0
45°	185.9	147.3	110.7	75.5	43.5	17.5	0.0
42.5°	200.6	157.2	117.7	80.7	46.3	18.2	0.0
40°	215.1	166.8	125.0	85.6	48.9	18.9	0.0
37.5°	229.4	176.1	132.4	90.2	51.5	19.6	0.0
35°	243.5	186.7	139.4	94.5	53.9	20.2	0.0
32.5°	258.0	197.8	146.2	98.5	56.2	20.8	0.0
30°	273.4	208.5	152.7	102.2	58.4	21.4	0.0
27.5°	288.3	218.8	158.1	105.6	60.4	21.9	0.0
25°	302.7	228.7	163.1	108.6	62.3	22.4	0.0
22.5°	316.4	237.6	167.7	111.4	64.0	22.8	0.0
20°	329.4	244.3	171.9	113.9	65.6	23.2	0.0
17.5°	339.2	250.2	175.7	116.0	67.0	23.6	0.0
15°	346.6	255.3	179.1	117.9	68.3	23.9	0.0
12.5°	352.8	259.5	182.1	119.4	69.3	24.1	0.0
10°	358.0	263.0	184.6	120.6	70.3	24.3	0.0
7.5°	362.1	265.6	186.7	121.6	71.0	24.5	0.0
5°	365.1	267.5	188.3	122.2	71.6	24.6	0.0
2.5°	366.9	268.5	189.4	122.5	72.0	24.7	0.0
0°	367.6	268.8	190.0	122.5	72.2	24.7	0.0
-2.5°	366.9	268.5	189.4	122.5	72.0	24.7	0.0
-5°	365.1	267.5	188.3	122.2	71.6	24.6	0.0
-7.5°	362.1	265.6	186.7	121.6	71.0	24.5	0.0
-10°	358.0	263.0	184.6	120.6	70.3	24.3	0.0
-12.5°	352.8	259.5	182.1	119.4	69.3	24.1	0.0
-15°	346.6	255.3	179.1	117.9	68.3	23.9	0.0
-17.5°	339.2	250.2	175.7	116.0	67.0	23.6	0.0
-20°	329.4	244.3	171.9	113.9	65.6	23.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	316.4	237.6	167.7	111.4	64.0	22.8	0.0
-25°	302.7	228.7	163.1	108.6	62.3	22.4	0.0
-27.5°	288.3	218.8	158.1	105.6	60.4	21.9	0.0
-30°	273.4	208.5	152.7	102.2	58.4	21.4	0.0
-32.5°	258.0	197.8	146.2	98.5	56.2	20.8	0.0
-35°	243.5	186.7	139.4	94.5	53.9	20.2	0.0
-37.5°	229.4	176.1	132.4	90.2	51.5	19.6	0.0
-40°	215.1	166.8	125.0	85.6	48.9	18.9	0.0
-42.5°	200.6	157.2	117.7	80.7	46.3	18.2	0.0
-45°	185.9	147.3	110.7	75.5	43.5	17.5	0.0
-47.5°	171.1	137.1	103.5	70.0	40.6	16.7	0.0
-50°	158.4	126.7	96.1	65.2	37.6	15.9	0.0
-52.5°	145.8	116.2	88.6	60.5	34.5	15.0	0.0
-55°	133.0	106.5	80.9	55.7	31.3	14.2	0.0
-57.5°	120.0	96.9	73.0	50.7	28.0	13.3	0.0
-60°	107.1	87.2	65.1	45.7	24.7	12.3	0.0
-62.5°	95.7	77.4	58.5	40.6	22.8	11.4	0.0
-65°	84.3	67.6	51.7	35.4	20.9	10.4	0.0
-67.5°	72.8	58.4	44.8	30.1	18.9	9.4	0.0
-70°	61.3	49.9	37.8	24.7	16.9	8.4	0.0
-72.5°	51.1	41.4	30.8	21.3	14.8	7.4	0.0
-75°	41.2	32.9	23.7	18.3	12.8	6.4	0.0
-77.5°	31.2	24.2	19.3	15.3	10.7	5.3	0.0
-80°	21.2	18.3	15.5	12.2	8.6	4.3	0.0
-82.5°	15.5	13.7	11.6	9.2	6.4	3.2	0.0
-85°	10.3	9.1	7.7	6.1	4.3	2.2	0.0
-87.5°	5.2	4.6	3.9	3.1	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)