

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: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558582 (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-SA1D-940-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

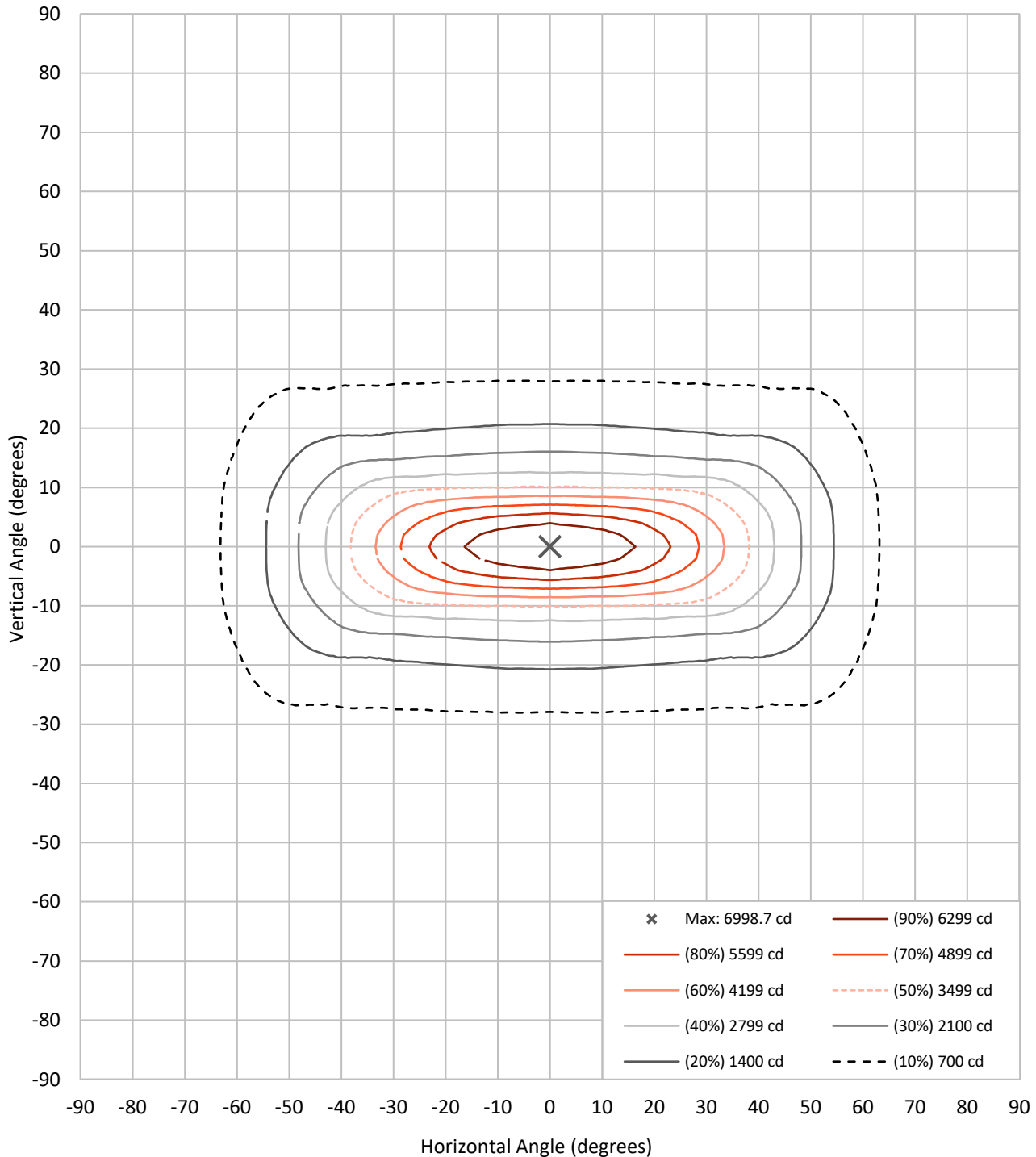
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	5012.3 lumens	Max Intensity:	6998.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	2005.4 lumens	Field Lumens:	4108.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 55
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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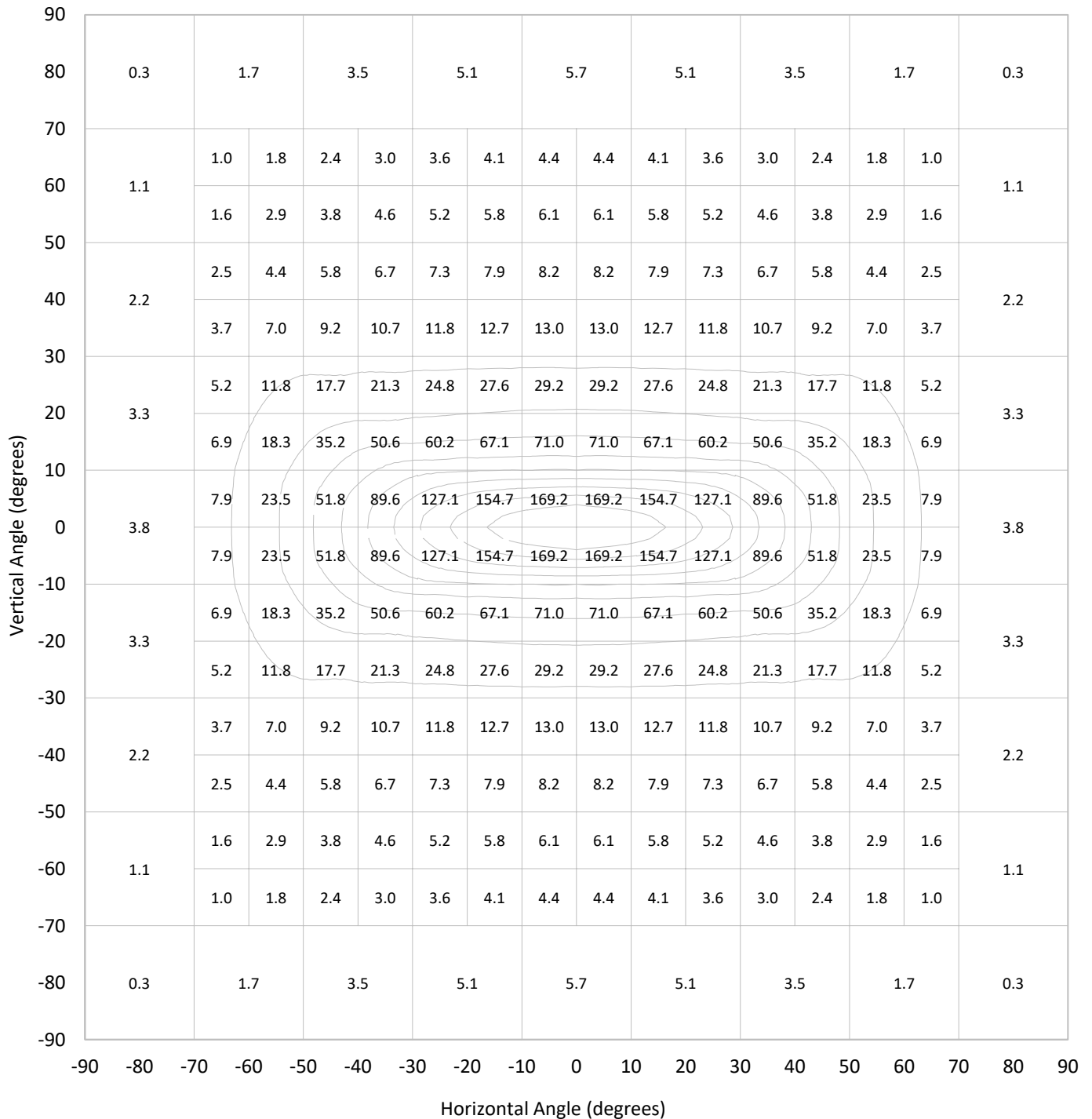
Iso-Candela Plot





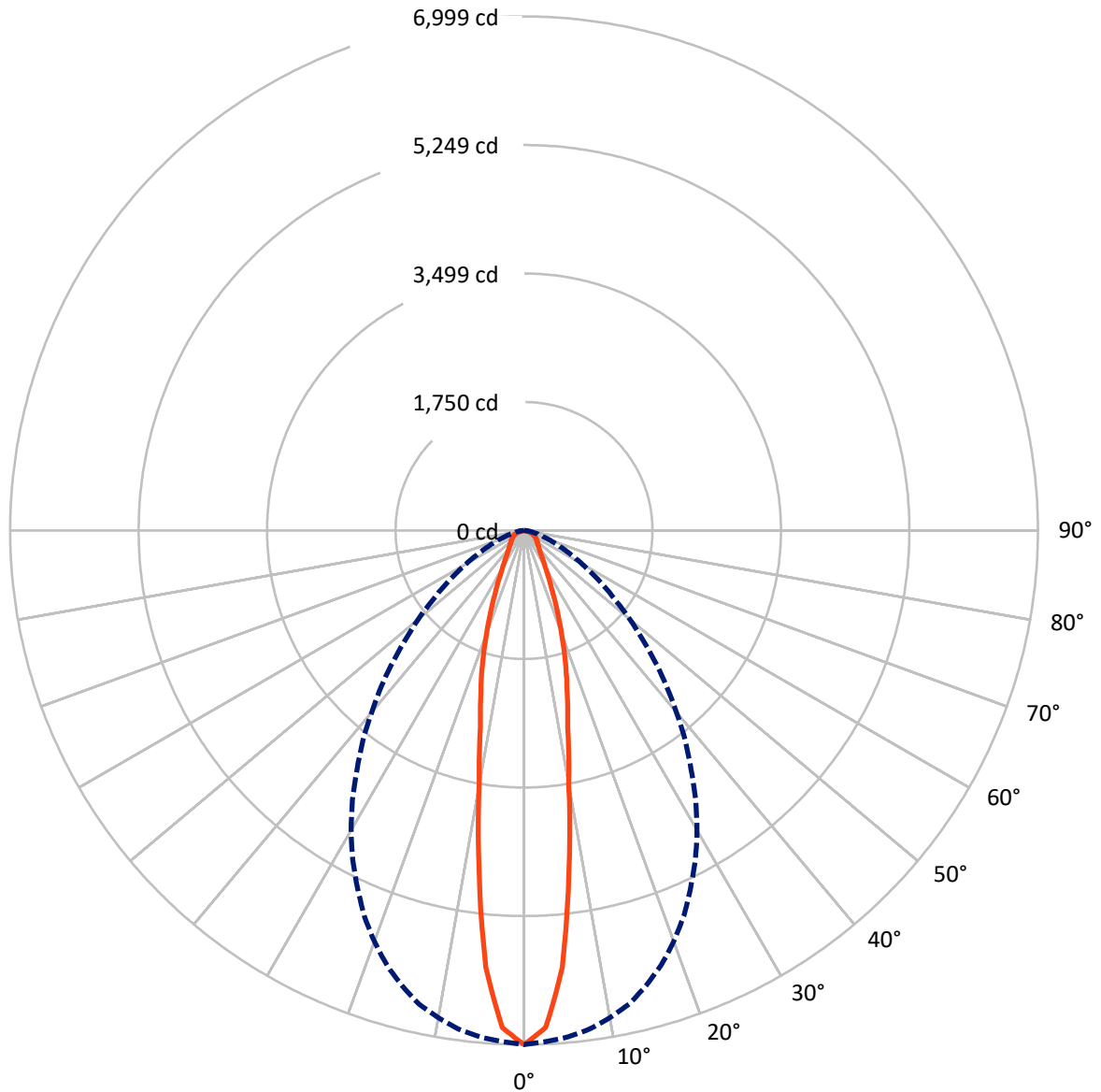
REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
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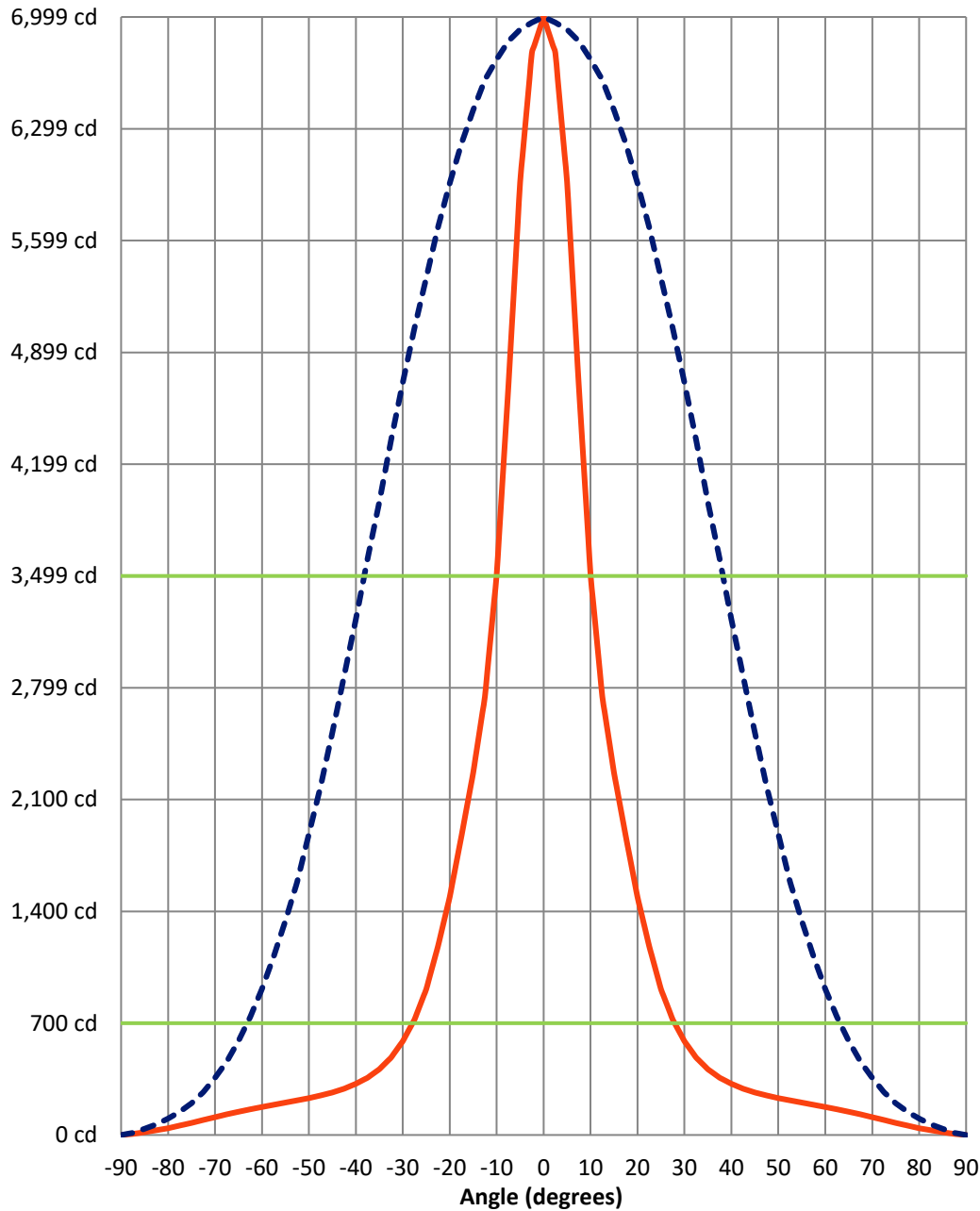
Luminous Intensity Polar Plot



— 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: 2005.4
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 4108.1
 Efficiency: 82.0%

Spill:
 Lumens: 904.2
 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	0.6	1.2	1.7	2.1	2.5	2.8	3.2	3.5	3.8	4.1
85°	0.0	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.0	7.7	8.3
82.5°	0.0	1.7	3.5	5.0	6.3	7.4	8.4	9.5	10.8	12.8	14.7
80°	0.0	2.3	4.6	6.6	8.4	9.9	11.5	14.6	17.5	20.1	22.5
77.5°	0.0	2.9	5.8	8.3	10.5	13.1	16.9	20.7	24.2	27.4	30.4
75°	0.0	3.5	6.9	9.9	12.9	17.8	22.3	26.7	30.9	35.3	38.9
72.5°	0.0	4.0	8.0	11.6	16.7	22.4	27.6	33.0	38.5	43.4	47.5
70°	0.0	4.6	9.2	13.4	20.5	27.0	33.1	39.9	46.1	51.6	56.9
67.5°	0.0	5.1	10.2	16.3	24.2	31.6	39.3	46.9	53.8	60.8	66.5
65°	0.0	5.7	11.3	19.2	27.9	36.5	45.6	53.8	62.6	70.2	76.9
62.5°	0.0	6.2	12.4	22.0	31.6	41.9	51.8	61.5	71.4	80.0	88.7
60°	0.0	6.7	13.4	24.7	35.2	47.2	57.9	69.6	80.3	91.1	100.6
57.5°	0.0	7.2	15.2	27.5	39.5	52.4	64.9	77.7	90.2	102.2	113.4
55°	0.0	7.7	17.0	30.1	43.7	57.6	71.9	85.8	100.3	113.7	127.0
52.5°	0.0	8.2	18.7	32.7	47.9	62.8	78.9	94.8	110.4	126.7	140.9
50°	0.0	8.6	20.4	35.3	52.0	68.6	85.7	103.9	121.1	140.0	157.5
47.5°	0.0	9.1	22.0	37.9	56.0	74.2	92.6	113.1	133.4	153.5	175.0
45°	0.0	9.5	23.5	40.8	59.9	79.7	100.5	122.4	145.9	170.0	193.0
42.5°	0.0	9.9	25.0	43.7	63.7	85.0	108.4	132.6	158.4	186.9	213.6
40°	0.0	10.3	26.5	46.3	67.6	90.2	116.3	143.4	171.8	204.1	235.3
37.5°	0.0	10.6	27.9	48.8	71.6	95.2	124.0	154.1	186.9	222.1	257.6
35°	0.0	11.0	29.2	51.1	75.4	101.0	131.6	164.7	202.0	242.0	281.8
32.5°	0.0	11.3	30.4	53.3	79.1	106.9	139.4	175.0	217.0	262.2	308.5
30°	0.0	11.6	31.6	55.3	82.6	112.7	147.7	185.7	231.9	282.6	335.8
27.5°	0.0	11.9	32.7	57.1	85.5	118.3	155.8	197.8	247.4	303.1	363.6
25°	0.0	12.1	33.7	58.7	88.2	123.6	163.6	209.5	264.1	325.4	391.8
22.5°	0.0	12.4	34.6	60.2	90.7	128.4	171.0	220.9	280.5	348.5	422.5
20°	0.0	12.6	35.5	61.6	93.0	132.0	178.0	231.7	296.6	371.2	453.1
17.5°	0.0	12.8	36.2	62.7	95.0	135.2	183.3	242.0	312.0	393.4	483.1
15°	0.0	12.9	36.9	63.7	96.9	138.0	187.3	250.2	326.8	414.9	512.4
12.5°	0.0	13.1	37.5	64.6	98.5	140.3	190.7	255.4	337.4	435.5	540.6
10°	0.0	13.2	38.0	65.2	99.8	142.1	193.5	259.8	344.2	445.2	562.6
7.5°	0.0	13.3	38.4	65.7	100.9	143.6	195.7	263.3	349.7	451.6	572.6
5°	0.0	13.3	38.7	66.0	101.8	144.6	197.3	265.9	353.8	456.0	580.3
2.5°	0.0	13.4	38.9	66.2	102.4	145.1	198.3	267.5	356.6	458.5	585.7
0°	0.0	13.4	39.0	66.2	102.7	145.3	198.7	268.1	357.9	459.1	588.5
-2.5°	0.0	13.4	38.9	66.2	102.4	145.1	198.3	267.5	356.6	458.5	585.7
-5°	0.0	13.3	38.7	66.0	101.8	144.6	197.3	265.9	353.8	456.0	580.3
-7.5°	0.0	13.3	38.4	65.7	100.9	143.6	195.7	263.3	349.7	451.6	572.6
-10°	0.0	13.2	38.0	65.2	99.8	142.1	193.5	259.8	344.2	445.2	562.6
-12.5°	0.0	13.1	37.5	64.6	98.5	140.3	190.7	255.4	337.4	435.5	540.6
-15°	0.0	12.9	36.9	63.7	96.9	138.0	187.3	250.2	326.8	414.9	512.4
-17.5°	0.0	12.8	36.2	62.7	95.0	135.2	183.3	242.0	312.0	393.4	483.1
-20°	0.0	12.6	35.5	61.6	93.0	132.0	178.0	231.7	296.6	371.2	453.1



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 CATALOG NUMBER: GFLD-SA1D-940-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	12.4	34.6	60.2	90.7	128.4	171.0	220.9	280.5	348.5	422.5
-25°	0.0	12.1	33.7	58.7	88.2	123.6	163.6	209.5	264.1	325.4	391.8
-27.5°	0.0	11.9	32.7	57.1	85.5	118.3	155.8	197.8	247.4	303.1	363.6
-30°	0.0	11.6	31.6	55.3	82.6	112.7	147.7	185.7	231.9	282.6	335.8
-32.5°	0.0	11.3	30.4	53.3	79.1	106.9	139.4	175.0	217.0	262.2	308.5
-35°	0.0	11.0	29.2	51.1	75.4	101.0	131.6	164.7	202.0	242.0	281.8
-37.5°	0.0	10.6	27.9	48.8	71.6	95.2	124.0	154.1	186.9	222.1	257.6
-40°	0.0	10.3	26.5	46.3	67.6	90.2	116.3	143.4	171.8	204.1	235.3
-42.5°	0.0	9.9	25.0	43.7	63.7	85.0	108.4	132.6	158.4	186.9	213.6
-45°	0.0	9.5	23.5	40.8	59.9	79.7	100.5	122.4	145.9	170.0	193.0
-47.5°	0.0	9.1	22.0	37.9	56.0	74.2	92.6	113.1	133.4	153.5	175.0
-50°	0.0	8.6	20.4	35.3	52.0	68.6	85.7	103.9	121.1	140.0	157.5
-52.5°	0.0	8.2	18.7	32.7	47.9	62.8	78.9	94.8	110.4	126.7	140.9
-55°	0.0	7.7	17.0	30.1	43.7	57.6	71.9	85.8	100.3	113.7	127.0
-57.5°	0.0	7.2	15.2	27.5	39.5	52.4	64.9	77.7	90.2	102.2	113.4
-60°	0.0	6.7	13.4	24.7	35.2	47.2	57.9	69.6	80.3	91.1	100.6
-62.5°	0.0	6.2	12.4	22.0	31.6	41.9	51.8	61.5	71.4	80.0	88.7
-65°	0.0	5.7	11.3	19.2	27.9	36.5	45.6	53.8	62.6	70.2	76.9
-67.5°	0.0	5.1	10.2	16.3	24.2	31.6	39.3	46.9	53.8	60.8	66.5
-70°	0.0	4.6	9.2	13.4	20.5	27.0	33.1	39.9	46.1	51.6	56.9
-72.5°	0.0	4.0	8.0	11.6	16.7	22.4	27.6	33.0	38.5	43.4	47.5
-75°	0.0	3.5	6.9	9.9	12.9	17.8	22.3	26.7	30.9	35.3	38.9
-77.5°	0.0	2.9	5.8	8.3	10.5	13.1	16.9	20.7	24.2	27.4	30.4
-80°	0.0	2.3	4.6	6.6	8.4	9.9	11.5	14.6	17.5	20.1	22.5
-82.5°	0.0	1.7	3.5	5.0	6.3	7.4	8.4	9.5	10.8	12.8	14.7
-85°	0.0	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.0	7.7	8.3
-87.5°	0.0	0.6	1.2	1.7	2.1	2.5	2.8	3.2	3.5	3.8	4.1
-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: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	4.5	4.7	5.0	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9
85°	8.9	9.5	10.5	11.3	12.1	12.8	13.4	13.8	14.3	14.7	15.1
82.5°	16.3	17.7	18.8	19.6	20.6	21.4	22.1	22.7	23.4	24.0	24.5
80°	24.4	25.9	27.6	29.0	30.4	31.4	32.0	32.3	33.1	34.1	35.2
77.5°	33.1	35.5	37.6	39.4	40.8	42.1	43.0	43.6	44.8	46.3	47.6
75°	42.1	45.0	47.9	50.4	52.4	53.9	54.9	55.8	57.4	59.3	61.0
72.5°	51.5	55.4	58.8	61.7	64.4	66.5	68.0	69.0	70.5	72.8	74.7
70°	61.4	65.9	70.5	74.3	77.1	79.5	81.5	82.9	84.3	86.6	88.4
67.5°	71.7	78.0	83.1	87.1	90.3	93.3	95.5	97.0	97.6	99.9	101.9
65°	83.7	90.5	96.2	100.7	103.9	107.5	110.0	111.3	111.7	114.2	116.7
62.5°	96.0	103.5	109.7	114.9	119.0	122.5	125.3	126.9	127.2	129.1	131.8
60°	109.1	116.7	124.2	130.4	134.8	138.4	141.5	143.2	143.5	144.2	147.4
57.5°	122.7	131.0	139.7	146.7	151.9	154.8	158.2	160.0	160.7	160.3	163.6
55°	137.6	146.2	156.0	164.2	169.7	172.3	175.4	178.1	179.1	178.5	180.4
52.5°	154.4	163.0	173.5	182.4	188.6	191.8	194.0	197.2	198.7	198.0	197.6
50°	172.1	182.9	191.6	201.8	209.2	213.4	213.5	217.5	219.4	218.8	216.2
47.5°	192.2	204.3	210.9	222.6	232.2	237.2	237.6	239.2	241.5	242.1	239.9
45°	213.8	228.7	235.7	246.1	256.9	263.1	264.9	262.1	266.3	267.6	266.2
42.5°	236.6	255.5	266.6	270.9	283.5	292.0	295.3	293.2	293.0	296.0	295.9
40°	262.9	284.7	301.3	305.7	312.1	323.8	330.8	330.4	322.6	328.2	329.6
37.5°	291.1	319.3	339.9	349.1	344.3	359.9	370.0	374.2	369.4	363.9	370.1
35°	320.7	356.4	384.1	399.8	400.5	400.1	416.0	424.6	425.2	415.2	417.5
32.5°	353.8	395.7	432.5	457.8	469.3	462.2	466.3	484.3	493.0	489.3	474.9
30°	389.4	440.8	486.0	521.6	547.3	554.8	537.7	551.7	571.2	578.9	572.7
27.5°	425.4	488.7	545.9	595.4	635.1	660.3	660.8	639.2	661.3	680.0	687.3
25°	462.0	536.6	609.5	676.5	736.6	779.9	799.8	802.1	771.3	799.3	825.5
22.5°	500.9	585.9	672.4	762.9	846.7	910.3	958.5	987.6	986.7	957.2	980.2
20°	542.2	639.5	740.3	847.7	961.9	1049.3	1130.2	1192.1	1229.4	1241.7	1217.6
17.5°	583.3	693.6	811.5	939.4	1071.6	1192.7	1314.0	1412.8	1491.0	1555.3	1578.3
15°	624.0	747.6	883.0	1031.8	1184.6	1336.2	1492.1	1643.4	1776.5	1894.1	1963.8
12.5°	663.7	800.9	954.0	1123.7	1299.1	1481.5	1667.6	1851.9	2043.8	2234.2	2378.9
10°	702.0	852.7	1023.5	1214.1	1413.5	1626.9	1842.9	2061.6	2294.6	2519.2	2735.4
7.5°	718.4	886.6	1083.4	1301.6	1526.0	1770.0	2015.4	2269.3	2541.6	2803.7	3067.7
5°	728.5	900.1	1100.2	1327.5	1577.2	1863.4	2156.2	2470.7	2781.4	3083.2	3394.3
2.5°	735.2	909.2	1111.4	1337.8	1584.8	1878.7	2175.2	2501.8	2850.4	3199.3	3569.7
0°	738.5	914.1	1117.0	1340.9	1583.8	1883.7	2182.6	2519.5	2872.8	3227.7	3606.7
-2.5°	735.2	909.2	1111.4	1337.8	1584.8	1878.7	2175.2	2501.8	2850.4	3199.3	3569.7
-5°	728.5	900.1	1100.2	1327.5	1577.2	1863.4	2156.2	2470.7	2781.4	3083.2	3394.3
-7.5°	718.4	886.6	1083.4	1301.6	1526.0	1770.0	2015.4	2269.3	2541.6	2803.7	3067.7
-10°	702.0	852.7	1023.5	1214.1	1413.5	1626.9	1842.9	2061.6	2294.6	2519.2	2735.4
-12.5°	663.7	800.9	954.0	1123.7	1299.1	1481.5	1667.6	1851.9	2043.8	2234.2	2378.9
-15°	624.0	747.6	883.0	1031.8	1184.6	1336.2	1492.1	1643.4	1776.5	1894.1	1963.8
-17.5°	583.3	693.6	811.5	939.4	1071.6	1192.7	1314.0	1412.8	1491.0	1555.3	1578.3
-20°	542.2	639.5	740.3	847.7	961.9	1049.3	1130.2	1192.1	1229.4	1241.7	1217.6



REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	500.9	585.9	672.4	762.9	846.7	910.3	958.5	987.6	986.7	957.2	980.2
-25°	462.0	536.6	609.5	676.5	736.6	779.9	799.8	802.1	771.3	799.3	825.5
-27.5°	425.4	488.7	545.9	595.4	635.1	660.3	660.8	639.2	661.3	680.0	687.3
-30°	389.4	440.8	486.0	521.6	547.3	554.8	537.7	551.7	571.2	578.9	572.7
-32.5°	353.8	395.7	432.5	457.8	469.3	462.2	466.3	484.3	493.0	489.3	474.9
-35°	320.7	356.4	384.1	399.8	400.5	400.1	416.0	424.6	425.2	415.2	417.5
-37.5°	291.1	319.3	339.9	349.1	344.3	359.9	370.0	374.2	369.4	363.9	370.1
-40°	262.9	284.7	301.3	305.7	312.1	323.8	330.8	330.4	322.6	328.2	329.6
-42.5°	236.6	255.5	266.6	270.9	283.5	292.0	295.3	293.2	293.0	296.0	295.9
-45°	213.8	228.7	235.7	246.1	256.9	263.1	264.9	262.1	266.3	267.6	266.2
-47.5°	192.2	204.3	210.9	222.6	232.2	237.2	237.6	239.2	241.5	242.1	239.9
-50°	172.1	182.9	191.6	201.8	209.2	213.4	213.5	217.5	219.4	218.8	216.2
-52.5°	154.4	163.0	173.5	182.4	188.6	191.8	194.0	197.2	198.7	198.0	197.6
-55°	137.6	146.2	156.0	164.2	169.7	172.3	175.4	178.1	179.1	178.5	180.4
-57.5°	122.7	131.0	139.7	146.7	151.9	154.8	158.2	160.0	160.7	160.3	163.6
-60°	109.1	116.7	124.2	130.4	134.8	138.4	141.5	143.2	143.5	144.2	147.4
-62.5°	96.0	103.5	109.7	114.9	119.0	122.5	125.3	126.9	127.2	129.1	131.8
-65°	83.7	90.5	96.2	100.7	103.9	107.5	110.0	111.3	111.7	114.2	116.7
-67.5°	71.7	78.0	83.1	87.1	90.3	93.3	95.5	97.0	97.6	99.9	101.9
-70°	61.4	65.9	70.5	74.3	77.1	79.5	81.5	82.9	84.3	86.6	88.4
-72.5°	51.5	55.4	58.8	61.7	64.4	66.5	68.0	69.0	70.5	72.8	74.7
-75°	42.1	45.0	47.9	50.4	52.4	53.9	54.9	55.8	57.4	59.3	61.0
-77.5°	33.1	35.5	37.6	39.4	40.8	42.1	43.0	43.6	44.8	46.3	47.6
-80°	24.4	25.9	27.6	29.0	30.4	31.4	32.0	32.3	33.1	34.1	35.2
-82.5°	16.3	17.7	18.8	19.6	20.6	21.4	22.1	22.7	23.4	24.0	24.5
-85°	8.9	9.5	10.5	11.3	12.1	12.8	13.4	13.8	14.3	14.7	15.1
-87.5°	4.5	4.7	5.0	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9
-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: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	7.1	7.0	6.9	6.7	6.5	6.5	6.5	6.5	6.5	6.4	6.4
85°	15.3	15.6	15.9	16.1	16.4	16.7	16.9	17.1	17.2	17.2	17.1
82.5°	24.9	25.7	26.5	27.3	28.0	28.5	28.7	28.9	29.1	29.3	29.5
80°	36.1	37.3	38.5	39.4	40.2	40.8	41.2	41.6	41.9	42.2	42.4
77.5°	48.8	50.2	51.5	52.7	53.7	54.6	55.4	56.0	56.5	57.2	57.9
75°	62.5	64.0	65.6	67.0	68.3	69.6	71.0	72.2	73.3	74.2	74.9
72.5°	76.1	77.7	79.7	81.6	83.3	85.1	86.9	88.5	89.9	91.1	92.3
70°	89.7	91.2	93.7	96.2	98.5	100.7	102.8	104.8	106.5	108.1	109.6
67.5°	103.6	105.2	108.4	111.2	113.8	116.2	118.7	121.0	122.9	124.7	126.2
65°	118.6	120.0	123.4	126.5	129.2	131.5	134.2	136.6	138.8	140.7	142.3
62.5°	134.0	135.4	138.2	141.3	143.9	146.0	149.2	152.0	154.3	156.2	157.9
60°	149.6	150.8	153.0	156.4	159.3	161.7	164.5	167.1	169.4	171.3	173.0
57.5°	165.9	167.1	168.2	171.6	174.4	176.5	178.9	181.6	183.7	185.5	187.3
55°	182.7	183.6	183.3	186.5	189.0	190.8	192.6	195.4	197.6	199.2	200.8
52.5°	199.8	201.0	200.2	201.5	204.3	205.9	206.7	209.7	212.0	213.4	214.9
50°	219.0	219.9	219.1	218.4	221.1	222.8	223.2	225.6	227.7	228.8	229.9
47.5°	239.7	240.8	240.2	237.2	239.7	241.7	241.8	242.8	245.0	245.8	246.5
45°	262.2	264.4	263.9	261.8	261.4	263.6	263.4	262.6	265.0	266.1	266.5
42.5°	291.8	291.1	291.8	290.6	286.9	289.3	289.5	286.5	289.5	290.9	290.1
40°	328.0	321.4	325.0	324.5	321.0	320.5	322.4	319.9	320.4	322.2	320.8
37.5°	371.1	366.3	364.4	366.0	365.0	360.6	364.1	363.2	360.4	363.6	362.2
35°	424.1	422.7	412.1	418.6	419.9	415.6	416.9	418.7	412.6	417.4	416.9
32.5°	486.1	489.2	487.0	483.0	489.0	489.8	482.8	491.2	487.8	489.0	492.3
30°	556.3	572.4	580.3	573.2	577.0	584.5	581.1	586.9	589.7	585.3	593.6
27.5°	679.0	673.2	692.1	700.2	691.5	705.2	715.1	710.7	725.2	716.7	728.9
25°	834.9	826.5	831.5	858.5	864.5	857.6	885.6	888.9	900.4	901.8	910.4
22.5°	1018.0	1038.3	1036.0	1044.1	1078.1	1089.5	1099.8	1126.7	1120.6	1145.0	1149.2
20°	1222.8	1273.8	1308.9	1316.2	1330.8	1369.8	1387.7	1408.9	1423.2	1446.3	1465.8
17.5°	1569.3	1543.2	1612.0	1655.2	1678.0	1686.1	1733.1	1748.4	1783.7	1803.9	1823.9
15°	2014.1	2029.3	1998.2	2039.4	2109.1	2132.6	2105.5	2168.7	2186.4	2220.4	2226.4
12.5°	2489.5	2566.4	2604.1	2614.4	2578.0	2677.1	2716.7	2667.0	2723.5	2713.3	2759.8
10°	2943.1	3130.1	3242.0	3320.8	3368.6	3397.4	3426.1	3477.6	3478.5	3516.6	3494.4
7.5°	3315.5	3552.6	3779.1	3998.8	4174.6	4273.1	4350.5	4424.7	4523.7	4571.0	4601.9
5°	3679.9	3953.4	4224.4	4490.8	4732.0	4964.0	5191.4	5388.7	5493.2	5615.3	5724.3
2.5°	3915.6	4261.5	4607.7	4950.5	5229.2	5484.8	5721.6	5941.3	6134.2	6312.6	6463.3
0°	3961.6	4348.8	4709.8	5051.8	5365.6	5681.5	5957.2	6205.8	6415.8	6605.3	6733.2
-2.5°	3915.6	4261.5	4607.7	4950.5	5229.2	5484.8	5721.6	5941.3	6134.2	6312.6	6463.3
-5°	3679.9	3953.4	4224.4	4490.8	4732.0	4964.0	5191.4	5388.7	5493.2	5615.3	5724.3
-7.5°	3315.5	3552.6	3779.1	3998.8	4174.6	4273.1	4350.5	4424.7	4523.7	4571.0	4601.9
-10°	2943.1	3130.1	3242.0	3320.8	3368.6	3397.4	3426.1	3477.6	3478.5	3516.6	3494.4
-12.5°	2489.5	2566.4	2604.1	2614.4	2578.0	2677.1	2716.7	2667.0	2723.5	2713.3	2759.8
-15°	2014.1	2029.3	1998.2	2039.4	2109.1	2132.6	2105.5	2168.7	2186.4	2220.4	2226.4
-17.5°	1569.3	1543.2	1612.0	1655.2	1678.0	1686.1	1733.1	1748.4	1783.7	1803.9	1823.9
-20°	1222.8	1273.8	1308.9	1316.2	1330.8	1369.8	1387.7	1408.9	1423.2	1446.3	1465.8



REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1018.0	1038.3	1036.0	1044.1	1078.1	1089.5	1099.8	1126.7	1120.6	1145.0	1149.2
-25°	834.9	826.5	831.5	858.5	864.5	857.6	885.6	888.9	900.4	901.8	910.4
-27.5°	679.0	673.2	692.1	700.2	691.5	705.2	715.1	710.7	725.2	716.7	728.9
-30°	556.3	572.4	580.3	573.2	577.0	584.5	581.1	586.9	589.7	585.3	593.6
-32.5°	486.1	489.2	487.0	483.0	489.0	489.8	482.8	491.2	487.8	489.0	492.3
-35°	424.1	422.7	412.1	418.6	419.9	415.6	416.9	418.7	412.6	417.4	416.9
-37.5°	371.1	366.3	364.4	366.0	365.0	360.6	364.1	363.2	360.4	363.6	362.2
-40°	328.0	321.4	325.0	324.5	321.0	320.5	322.4	319.9	320.4	322.2	320.8
-42.5°	291.8	291.1	291.8	290.6	286.9	289.3	289.5	286.5	289.5	290.9	290.1
-45°	262.2	264.4	263.9	261.8	261.4	263.6	263.4	262.6	265.0	266.1	266.5
-47.5°	239.7	240.8	240.2	237.2	239.7	241.7	241.8	242.8	245.0	245.8	246.5
-50°	219.0	219.9	219.1	218.4	221.1	222.8	223.2	225.6	227.7	228.8	229.9
-52.5°	199.8	201.0	200.2	201.5	204.3	205.9	206.7	209.7	212.0	213.4	214.9
-55°	182.7	183.6	183.3	186.5	189.0	190.8	192.6	195.4	197.6	199.2	200.8
-57.5°	165.9	167.1	168.2	171.6	174.4	176.5	178.9	181.6	183.7	185.5	187.3
-60°	149.6	150.8	153.0	156.4	159.3	161.7	164.5	167.1	169.4	171.3	173.0
-62.5°	134.0	135.4	138.2	141.3	143.9	146.0	149.2	152.0	154.3	156.2	157.9
-65°	118.6	120.0	123.4	126.5	129.2	131.5	134.2	136.6	138.8	140.7	142.3
-67.5°	103.6	105.2	108.4	111.2	113.8	116.2	118.7	121.0	122.9	124.7	126.2
-70°	89.7	91.2	93.7	96.2	98.5	100.7	102.8	104.8	106.5	108.1	109.6
-72.5°	76.1	77.7	79.7	81.6	83.3	85.1	86.9	88.5	89.9	91.1	92.3
-75°	62.5	64.0	65.6	67.0	68.3	69.6	71.0	72.2	73.3	74.2	74.9
-77.5°	48.8	50.2	51.5	52.7	53.7	54.6	55.4	56.0	56.5	57.2	57.9
-80°	36.1	37.3	38.5	39.4	40.2	40.8	41.2	41.6	41.9	42.2	42.4
-82.5°	24.9	25.7	26.5	27.3	28.0	28.5	28.7	28.9	29.1	29.3	29.5
-85°	15.3	15.6	15.9	16.1	16.4	16.7	16.9	17.1	17.2	17.2	17.1
-87.5°	7.1	7.0	6.9	6.7	6.5	6.5	6.5	6.5	6.5	6.4	6.4
-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: P558582 (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°	6.3	6.2	6.4	6.7	6.4	6.2	6.3	6.4	6.4	6.5	6.5
85°	17.0	16.8	17.2	17.5	17.2	16.8	17.0	17.1	17.2	17.2	17.1
82.5°	29.6	29.7	29.8	29.8	29.8	29.7	29.6	29.5	29.3	29.1	28.9
80°	42.4	42.4	42.3	42.1	42.3	42.4	42.4	42.4	42.2	41.9	41.6
77.5°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.5	56.0
75°	75.4	75.6	75.7	75.5	75.7	75.6	75.4	74.9	74.2	73.3	72.2
72.5°	93.2	94.0	94.1	94.0	94.1	94.0	93.2	92.3	91.1	89.9	88.5
70°	110.9	111.9	111.8	111.4	111.8	111.9	110.9	109.6	108.1	106.5	104.8
67.5°	127.4	128.3	129.0	129.4	129.0	128.3	127.4	126.2	124.7	122.9	121.0
65°	143.6	144.6	145.1	145.3	145.1	144.6	143.6	142.3	140.7	138.8	136.6
62.5°	159.1	160.0	160.5	160.7	160.5	160.0	159.1	157.9	156.2	154.3	152.0
60°	174.4	175.3	175.5	175.1	175.5	175.3	174.4	173.0	171.3	169.4	167.1
57.5°	188.7	189.7	189.7	189.0	189.7	189.7	188.7	187.3	185.5	183.7	181.6
55°	202.0	202.7	203.0	202.9	203.0	202.7	202.0	200.8	199.2	197.6	195.4
52.5°	216.0	216.5	216.8	216.7	216.8	216.5	216.0	214.9	213.4	212.0	209.7
50°	230.6	230.7	230.7	230.6	230.7	230.7	230.6	229.9	228.8	227.7	225.6
47.5°	247.3	247.5	247.5	247.5	247.5	247.5	247.3	246.5	245.8	245.0	242.8
45°	267.1	266.5	265.9	266.0	265.9	266.5	267.1	266.5	266.1	265.0	262.6
42.5°	290.8	290.2	289.5	289.6	289.5	290.2	290.8	290.1	290.9	289.5	286.5
40°	322.1	321.9	320.8	320.5	320.8	321.9	322.1	320.8	322.2	320.4	319.9
37.5°	362.4	361.8	359.4	358.5	359.4	361.8	362.4	362.2	363.6	360.4	363.2
35°	415.5	414.7	411.1	411.4	411.1	414.7	415.5	416.9	417.4	412.6	418.7
32.5°	490.7	490.9	485.5	484.3	485.5	490.9	490.7	492.3	489.0	487.8	491.2
30°	588.5	590.6	584.2	587.0	584.2	590.6	588.5	593.6	585.3	589.7	586.9
27.5°	728.7	732.8	727.1	722.6	727.1	732.8	728.7	728.9	716.7	725.2	710.7
25°	921.6	924.7	918.2	912.6	918.2	924.7	921.6	910.4	901.8	900.4	888.9
22.5°	1172.8	1172.6	1172.2	1181.2	1172.2	1172.6	1172.8	1149.2	1145.0	1120.6	1126.7
20°	1478.5	1471.1	1482.1	1489.3	1482.1	1471.1	1478.5	1465.8	1446.3	1423.2	1408.9
17.5°	1828.6	1842.5	1853.1	1870.9	1853.1	1842.5	1828.6	1823.9	1803.9	1783.7	1748.4
15°	2241.5	2262.4	2273.0	2267.3	2273.0	2262.4	2241.5	2226.4	2220.4	2186.4	2168.7
12.5°	2761.4	2786.4	2768.0	2744.9	2768.0	2786.4	2761.4	2759.8	2713.3	2723.5	2667.0
10°	3494.7	3548.5	3551.5	3506.6	3551.5	3548.5	3494.7	3494.4	3516.6	3478.5	3477.6
7.5°	4619.8	4646.0	4685.7	4687.7	4685.7	4646.0	4619.8	4601.9	4571.0	4523.7	4424.7
5°	5773.6	5843.4	5888.3	5966.0	5888.3	5843.4	5773.6	5724.3	5615.3	5493.2	5388.7
2.5°	6560.6	6650.7	6685.3	6773.3	6685.3	6650.7	6560.6	6463.3	6312.6	6134.2	5941.3
0°	6847.2	6920.1	6963.8	6998.7	6963.8	6920.1	6847.2	6733.2	6605.3	6415.8	6205.8
-2.5°	6560.6	6650.7	6685.3	6773.3	6685.3	6650.7	6560.6	6463.3	6312.6	6134.2	5941.3
-5°	5773.6	5843.4	5888.3	5966.0	5888.3	5843.4	5773.6	5724.3	5615.3	5493.2	5388.7
-7.5°	4619.8	4646.0	4685.7	4687.7	4685.7	4646.0	4619.8	4601.9	4571.0	4523.7	4424.7
-10°	3494.7	3548.5	3551.5	3506.6	3551.5	3548.5	3494.7	3494.4	3516.6	3478.5	3477.6
-12.5°	2761.4	2786.4	2768.0	2744.9	2768.0	2786.4	2761.4	2759.8	2713.3	2723.5	2667.0
-15°	2241.5	2262.4	2273.0	2267.3	2273.0	2262.4	2241.5	2226.4	2220.4	2186.4	2168.7
-17.5°	1828.6	1842.5	1853.1	1870.9	1853.1	1842.5	1828.6	1823.9	1803.9	1783.7	1748.4
-20°	1478.5	1471.1	1482.1	1489.3	1482.1	1471.1	1478.5	1465.8	1446.3	1423.2	1408.9



REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-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°	1172.8	1172.6	1172.2	1181.2	1172.2	1172.6	1172.8	1149.2	1145.0	1120.6	1126.7
-25°	921.6	924.7	918.2	912.6	918.2	924.7	921.6	910.4	901.8	900.4	888.9
-27.5°	728.7	732.8	727.1	722.6	727.1	732.8	728.7	728.9	716.7	725.2	710.7
-30°	588.5	590.6	584.2	587.0	584.2	590.6	588.5	593.6	585.3	589.7	586.9
-32.5°	490.7	490.9	485.5	484.3	485.5	490.9	490.7	492.3	489.0	487.8	491.2
-35°	415.5	414.7	411.1	411.4	411.1	414.7	415.5	416.9	417.4	412.6	418.7
-37.5°	362.4	361.8	359.4	358.5	359.4	361.8	362.4	362.2	363.6	360.4	363.2
-40°	322.1	321.9	320.8	320.5	320.8	321.9	322.1	320.8	322.2	320.4	319.9
-42.5°	290.8	290.2	289.5	289.6	289.5	290.2	290.8	290.1	290.9	289.5	286.5
-45°	267.1	266.5	265.9	266.0	265.9	266.5	267.1	266.5	266.1	265.0	262.6
-47.5°	247.3	247.5	247.5	247.5	247.5	247.5	247.3	246.5	245.8	245.0	242.8
-50°	230.6	230.7	230.7	230.6	230.7	230.7	230.6	229.9	228.8	227.7	225.6
-52.5°	216.0	216.5	216.8	216.7	216.8	216.5	216.0	214.9	213.4	212.0	209.7
-55°	202.0	202.7	203.0	202.9	203.0	202.7	202.0	200.8	199.2	197.6	195.4
-57.5°	188.7	189.7	189.7	189.0	189.7	189.7	188.7	187.3	185.5	183.7	181.6
-60°	174.4	175.3	175.5	175.1	175.5	175.3	174.4	173.0	171.3	169.4	167.1
-62.5°	159.1	160.0	160.5	160.7	160.5	160.0	159.1	157.9	156.2	154.3	152.0
-65°	143.6	144.6	145.1	145.3	145.1	144.6	143.6	142.3	140.7	138.8	136.6
-67.5°	127.4	128.3	129.0	129.4	129.0	128.3	127.4	126.2	124.7	122.9	121.0
-70°	110.9	111.9	111.8	111.4	111.8	111.9	110.9	109.6	108.1	106.5	104.8
-72.5°	93.2	94.0	94.1	94.0	94.1	94.0	93.2	92.3	91.1	89.9	88.5
-75°	75.4	75.6	75.7	75.5	75.7	75.6	75.4	74.9	74.2	73.3	72.2
-77.5°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.9	57.2	56.5	56.0
-80°	42.4	42.4	42.3	42.1	42.3	42.4	42.4	42.4	42.2	41.9	41.6
-82.5°	29.6	29.7	29.8	29.8	29.8	29.7	29.6	29.5	29.3	29.1	28.9
-85°	17.0	16.8	17.2	17.5	17.2	16.8	17.0	17.1	17.2	17.2	17.1
-87.5°	6.3	6.2	6.4	6.7	6.4	6.2	6.3	6.4	6.4	6.5	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558582 (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°	6.5	6.5	6.5	6.7	6.9	7.0	7.1	6.9	6.7	6.4	6.2
85°	16.9	16.7	16.4	16.1	15.9	15.6	15.3	15.1	14.7	14.3	13.8
82.5°	28.7	28.5	28.0	27.3	26.5	25.7	24.9	24.5	24.0	23.4	22.7
80°	41.2	40.8	40.2	39.4	38.5	37.3	36.1	35.2	34.1	33.1	32.3
77.5°	55.4	54.6	53.7	52.7	51.5	50.2	48.8	47.6	46.3	44.8	43.6
75°	71.0	69.6	68.3	67.0	65.6	64.0	62.5	61.0	59.3	57.4	55.8
72.5°	86.9	85.1	83.3	81.6	79.7	77.7	76.1	74.7	72.8	70.5	69.0
70°	102.8	100.7	98.5	96.2	93.7	91.2	89.7	88.4	86.6	84.3	82.9
67.5°	118.7	116.2	113.8	111.2	108.4	105.2	103.6	101.9	99.9	97.6	97.0
65°	134.2	131.5	129.2	126.5	123.4	120.0	118.6	116.7	114.2	111.7	111.3
62.5°	149.2	146.0	143.9	141.3	138.2	135.4	134.0	131.8	129.1	127.2	126.9
60°	164.5	161.7	159.3	156.4	153.0	150.8	149.6	147.4	144.2	143.5	143.2
57.5°	178.9	176.5	174.4	171.6	168.2	167.1	165.9	163.6	160.3	160.7	160.0
55°	192.6	190.8	189.0	186.5	183.3	183.6	182.7	180.4	178.5	179.1	178.1
52.5°	206.7	205.9	204.3	201.5	200.2	201.0	199.8	197.6	198.0	198.7	197.2
50°	223.2	222.8	221.1	218.4	219.1	219.9	219.0	216.2	218.8	219.4	217.5
47.5°	241.8	241.7	239.7	237.2	240.2	240.8	239.7	239.9	242.1	241.5	239.2
45°	263.4	263.6	261.4	261.8	263.9	264.4	262.2	266.2	267.6	266.3	262.1
42.5°	289.5	289.3	286.9	290.6	291.8	291.1	291.8	295.9	296.0	293.0	293.2
40°	322.4	320.5	321.0	324.5	325.0	321.4	328.0	329.6	328.2	322.6	330.4
37.5°	364.1	360.6	365.0	366.0	364.4	366.3	371.1	370.1	363.9	369.4	374.2
35°	416.9	415.6	419.9	418.6	412.1	422.7	424.1	417.5	415.2	425.2	424.6
32.5°	482.8	489.8	489.0	483.0	487.0	489.2	486.1	474.9	489.3	493.0	484.3
30°	581.1	584.5	577.0	573.2	580.3	572.4	556.3	572.7	578.9	571.2	551.7
27.5°	715.1	705.2	691.5	700.2	692.1	673.2	679.0	687.3	680.0	661.3	639.2
25°	885.6	857.6	864.5	858.5	831.5	826.5	834.9	825.5	799.3	771.3	802.1
22.5°	1099.8	1089.5	1078.1	1044.1	1036.0	1038.3	1018.0	980.2	957.2	986.7	987.6
20°	1387.7	1369.8	1330.8	1316.2	1308.9	1273.8	1222.8	1217.6	1241.7	1229.4	1192.1
17.5°	1733.1	1686.1	1678.0	1655.2	1612.0	1543.2	1569.3	1578.3	1555.3	1491.0	1412.8
15°	2105.5	2132.6	2109.1	2039.4	1998.2	2029.3	2014.1	1963.8	1894.1	1776.5	1643.4
12.5°	2716.7	2677.1	2578.0	2614.4	2604.1	2566.4	2489.5	2378.9	2234.2	2043.8	1851.9
10°	3426.1	3397.4	3368.6	3320.8	3242.0	3130.1	2943.1	2735.4	2519.2	2294.6	2061.6
7.5°	4350.5	4273.1	4174.6	3998.8	3779.1	3552.6	3315.5	3067.7	2803.7	2541.6	2269.3
5°	5191.4	4964.0	4732.0	4490.8	4224.4	3953.4	3679.9	3394.3	3083.2	2781.4	2470.7
2.5°	5721.6	5484.8	5229.2	4950.5	4607.7	4261.5	3915.6	3569.7	3199.3	2850.4	2501.8
0°	5957.2	5681.5	5365.6	5051.8	4709.8	4348.8	3961.6	3606.7	3227.7	2872.8	2519.5
-2.5°	5721.6	5484.8	5229.2	4950.5	4607.7	4261.5	3915.6	3569.7	3199.3	2850.4	2501.8
-5°	5191.4	4964.0	4732.0	4490.8	4224.4	3953.4	3679.9	3394.3	3083.2	2781.4	2470.7
-7.5°	4350.5	4273.1	4174.6	3998.8	3779.1	3552.6	3315.5	3067.7	2803.7	2541.6	2269.3
-10°	3426.1	3397.4	3368.6	3320.8	3242.0	3130.1	2943.1	2735.4	2519.2	2294.6	2061.6
-12.5°	2716.7	2677.1	2578.0	2614.4	2604.1	2566.4	2489.5	2378.9	2234.2	2043.8	1851.9
-15°	2105.5	2132.6	2109.1	2039.4	1998.2	2029.3	2014.1	1963.8	1894.1	1776.5	1643.4
-17.5°	1733.1	1686.1	1678.0	1655.2	1612.0	1543.2	1569.3	1578.3	1555.3	1491.0	1412.8
-20°	1387.7	1369.8	1330.8	1316.2	1308.9	1273.8	1222.8	1217.6	1241.7	1229.4	1192.1



REPORT NUMBER: P558582 (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°	1099.8	1089.5	1078.1	1044.1	1036.0	1038.3	1018.0	980.2	957.2	986.7	987.6
-25°	885.6	857.6	864.5	858.5	831.5	826.5	834.9	825.5	799.3	771.3	802.1
-27.5°	715.1	705.2	691.5	700.2	692.1	673.2	679.0	687.3	680.0	661.3	639.2
-30°	581.1	584.5	577.0	573.2	580.3	572.4	556.3	572.7	578.9	571.2	551.7
-32.5°	482.8	489.8	489.0	483.0	487.0	489.2	486.1	474.9	489.3	493.0	484.3
-35°	416.9	415.6	419.9	418.6	412.1	422.7	424.1	417.5	415.2	425.2	424.6
-37.5°	364.1	360.6	365.0	366.0	364.4	366.3	371.1	370.1	363.9	369.4	374.2
-40°	322.4	320.5	321.0	324.5	325.0	321.4	328.0	329.6	328.2	322.6	330.4
-42.5°	289.5	289.3	286.9	290.6	291.8	291.1	291.8	295.9	296.0	293.0	293.2
-45°	263.4	263.6	261.4	261.8	263.9	264.4	262.2	266.2	267.6	266.3	262.1
-47.5°	241.8	241.7	239.7	237.2	240.2	240.8	239.7	239.9	242.1	241.5	239.2
-50°	223.2	222.8	221.1	218.4	219.1	219.9	219.0	216.2	218.8	219.4	217.5
-52.5°	206.7	205.9	204.3	201.5	200.2	201.0	199.8	197.6	198.0	198.7	197.2
-55°	192.6	190.8	189.0	186.5	183.3	183.6	182.7	180.4	178.5	179.1	178.1
-57.5°	178.9	176.5	174.4	171.6	168.2	167.1	165.9	163.6	160.3	160.7	160.0
-60°	164.5	161.7	159.3	156.4	153.0	150.8	149.6	147.4	144.2	143.5	143.2
-62.5°	149.2	146.0	143.9	141.3	138.2	135.4	134.0	131.8	129.1	127.2	126.9
-65°	134.2	131.5	129.2	126.5	123.4	120.0	118.6	116.7	114.2	111.7	111.3
-67.5°	118.7	116.2	113.8	111.2	108.4	105.2	103.6	101.9	99.9	97.6	97.0
-70°	102.8	100.7	98.5	96.2	93.7	91.2	89.7	88.4	86.6	84.3	82.9
-72.5°	86.9	85.1	83.3	81.6	79.7	77.7	76.1	74.7	72.8	70.5	69.0
-75°	71.0	69.6	68.3	67.0	65.6	64.0	62.5	61.0	59.3	57.4	55.8
-77.5°	55.4	54.6	53.7	52.7	51.5	50.2	48.8	47.6	46.3	44.8	43.6
-80°	41.2	40.8	40.2	39.4	38.5	37.3	36.1	35.2	34.1	33.1	32.3
-82.5°	28.7	28.5	28.0	27.3	26.5	25.7	24.9	24.5	24.0	23.4	22.7
-85°	16.9	16.7	16.4	16.1	15.9	15.6	15.3	15.1	14.7	14.3	13.8
-87.5°	6.5	6.5	6.5	6.7	6.9	7.0	7.1	6.9	6.7	6.4	6.2
-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: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.8	5.5	5.3	5.0	4.7	4.5	4.1	3.8	3.5	3.2
85°	13.4	12.8	12.1	11.3	10.5	9.5	8.9	8.3	7.7	7.0	6.3
82.5°	22.1	21.4	20.6	19.6	18.8	17.7	16.3	14.7	12.8	10.8	9.5
80°	32.0	31.4	30.4	29.0	27.6	25.9	24.4	22.5	20.1	17.5	14.6
77.5°	43.0	42.1	40.8	39.4	37.6	35.5	33.1	30.4	27.4	24.2	20.7
75°	54.9	53.9	52.4	50.4	47.9	45.0	42.1	38.9	35.3	30.9	26.7
72.5°	68.0	66.5	64.4	61.7	58.8	55.4	51.5	47.5	43.4	38.5	33.0
70°	81.5	79.5	77.1	74.3	70.5	65.9	61.4	56.9	51.6	46.1	39.9
67.5°	95.5	93.3	90.3	87.1	83.1	78.0	71.7	66.5	60.8	53.8	46.9
65°	110.0	107.5	103.9	100.7	96.2	90.5	83.7	76.9	70.2	62.6	53.8
62.5°	125.3	122.5	119.0	114.9	109.7	103.5	96.0	88.7	80.0	71.4	61.5
60°	141.5	138.4	134.8	130.4	124.2	116.7	109.1	100.6	91.1	80.3	69.6
57.5°	158.2	154.8	151.9	146.7	139.7	131.0	122.7	113.4	102.2	90.2	77.7
55°	175.4	172.3	169.7	164.2	156.0	146.2	137.6	127.0	113.7	100.3	85.8
52.5°	194.0	191.8	188.6	182.4	173.5	163.0	154.4	140.9	126.7	110.4	94.8
50°	213.5	213.4	209.2	201.8	191.6	182.9	172.1	157.5	140.0	121.1	103.9
47.5°	237.6	237.2	232.2	222.6	210.9	204.3	192.2	175.0	153.5	133.4	113.1
45°	264.9	263.1	256.9	246.1	235.7	228.7	213.8	193.0	170.0	145.9	122.4
42.5°	295.3	292.0	283.5	270.9	266.6	255.5	236.6	213.6	186.9	158.4	132.6
40°	330.8	323.8	312.1	305.7	301.3	284.7	262.9	235.3	204.1	171.8	143.4
37.5°	370.0	359.9	344.3	349.1	339.9	319.3	291.1	257.6	222.1	186.9	154.1
35°	416.0	400.1	400.5	399.8	384.1	356.4	320.7	281.8	242.0	202.0	164.7
32.5°	466.3	462.2	469.3	457.8	432.5	395.7	353.8	308.5	262.2	217.0	175.0
30°	537.7	554.8	547.3	521.6	486.0	440.8	389.4	335.8	282.6	231.9	185.7
27.5°	660.8	660.3	635.1	595.4	545.9	488.7	425.4	363.6	303.1	247.4	197.8
25°	799.8	779.9	736.6	676.5	609.5	536.6	462.0	391.8	325.4	264.1	209.5
22.5°	958.5	910.3	846.7	762.9	672.4	585.9	500.9	422.5	348.5	280.5	220.9
20°	1130.2	1049.3	961.9	847.7	740.3	639.5	542.2	453.1	371.2	296.6	231.7
17.5°	1314.0	1192.7	1071.6	939.4	811.5	693.6	583.3	483.1	393.4	312.0	242.0
15°	1492.1	1336.2	1184.6	1031.8	883.0	747.6	624.0	512.4	414.9	326.8	250.2
12.5°	1667.6	1481.5	1299.1	1123.7	954.0	800.9	663.7	540.6	435.5	337.4	255.4
10°	1842.9	1626.9	1413.5	1214.1	1023.5	852.7	702.0	562.6	445.2	344.2	259.8
7.5°	2015.4	1770.0	1526.0	1301.6	1083.4	886.6	718.4	572.6	451.6	349.7	263.3
5°	2156.2	1863.4	1577.2	1327.5	1100.2	900.1	728.5	580.3	456.0	353.8	265.9
2.5°	2175.2	1878.7	1584.8	1337.8	1111.4	909.2	735.2	585.7	458.5	356.6	267.5
0°	2182.6	1883.7	1583.8	1340.9	1117.0	914.1	738.5	588.5	459.1	357.9	268.1
-2.5°	2175.2	1878.7	1584.8	1337.8	1111.4	909.2	735.2	585.7	458.5	356.6	267.5
-5°	2156.2	1863.4	1577.2	1327.5	1100.2	900.1	728.5	580.3	456.0	353.8	265.9
-7.5°	2015.4	1770.0	1526.0	1301.6	1083.4	886.6	718.4	572.6	451.6	349.7	263.3
-10°	1842.9	1626.9	1413.5	1214.1	1023.5	852.7	702.0	562.6	445.2	344.2	259.8
-12.5°	1667.6	1481.5	1299.1	1123.7	954.0	800.9	663.7	540.6	435.5	337.4	255.4
-15°	1492.1	1336.2	1184.6	1031.8	883.0	747.6	624.0	512.4	414.9	326.8	250.2
-17.5°	1314.0	1192.7	1071.6	939.4	811.5	693.6	583.3	483.1	393.4	312.0	242.0
-20°	1130.2	1049.3	961.9	847.7	740.3	639.5	542.2	453.1	371.2	296.6	231.7



REPORT NUMBER: P558582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	958.5	910.3	846.7	762.9	672.4	585.9	500.9	422.5	348.5	280.5	220.9
-25°	799.8	779.9	736.6	676.5	609.5	536.6	462.0	391.8	325.4	264.1	209.5
-27.5°	660.8	660.3	635.1	595.4	545.9	488.7	425.4	363.6	303.1	247.4	197.8
-30°	537.7	554.8	547.3	521.6	486.0	440.8	389.4	335.8	282.6	231.9	185.7
-32.5°	466.3	462.2	469.3	457.8	432.5	395.7	353.8	308.5	262.2	217.0	175.0
-35°	416.0	400.1	400.5	399.8	384.1	356.4	320.7	281.8	242.0	202.0	164.7
-37.5°	370.0	359.9	344.3	349.1	339.9	319.3	291.1	257.6	222.1	186.9	154.1
-40°	330.8	323.8	312.1	305.7	301.3	284.7	262.9	235.3	204.1	171.8	143.4
-42.5°	295.3	292.0	283.5	270.9	266.6	255.5	236.6	213.6	186.9	158.4	132.6
-45°	264.9	263.1	256.9	246.1	235.7	228.7	213.8	193.0	170.0	145.9	122.4
-47.5°	237.6	237.2	232.2	222.6	210.9	204.3	192.2	175.0	153.5	133.4	113.1
-50°	213.5	213.4	209.2	201.8	191.6	182.9	172.1	157.5	140.0	121.1	103.9
-52.5°	194.0	191.8	188.6	182.4	173.5	163.0	154.4	140.9	126.7	110.4	94.8
-55°	175.4	172.3	169.7	164.2	156.0	146.2	137.6	127.0	113.7	100.3	85.8
-57.5°	158.2	154.8	151.9	146.7	139.7	131.0	122.7	113.4	102.2	90.2	77.7
-60°	141.5	138.4	134.8	130.4	124.2	116.7	109.1	100.6	91.1	80.3	69.6
-62.5°	125.3	122.5	119.0	114.9	109.7	103.5	96.0	88.7	80.0	71.4	61.5
-65°	110.0	107.5	103.9	100.7	96.2	90.5	83.7	76.9	70.2	62.6	53.8
-67.5°	95.5	93.3	90.3	87.1	83.1	78.0	71.7	66.5	60.8	53.8	46.9
-70°	81.5	79.5	77.1	74.3	70.5	65.9	61.4	56.9	51.6	46.1	39.9
-72.5°	68.0	66.5	64.4	61.7	58.8	55.4	51.5	47.5	43.4	38.5	33.0
-75°	54.9	53.9	52.4	50.4	47.9	45.0	42.1	38.9	35.3	30.9	26.7
-77.5°	43.0	42.1	40.8	39.4	37.6	35.5	33.1	30.4	27.4	24.2	20.7
-80°	32.0	31.4	30.4	29.0	27.6	25.9	24.4	22.5	20.1	17.5	14.6
-82.5°	22.1	21.4	20.6	19.6	18.8	17.7	16.3	14.7	12.8	10.8	9.5
-85°	13.4	12.8	12.1	11.3	10.5	9.5	8.9	8.3	7.7	7.0	6.3
-87.5°	6.0	5.8	5.5	5.3	5.0	4.7	4.5	4.1	3.8	3.5	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.8	2.5	2.1	1.7	1.2	0.6	0.0
85°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
82.5°	8.4	7.4	6.3	5.0	3.5	1.7	0.0
80°	11.5	9.9	8.4	6.6	4.6	2.3	0.0
77.5°	16.9	13.1	10.5	8.3	5.8	2.9	0.0
75°	22.3	17.8	12.9	9.9	6.9	3.5	0.0
72.5°	27.6	22.4	16.7	11.6	8.0	4.0	0.0
70°	33.1	27.0	20.5	13.4	9.2	4.6	0.0
67.5°	39.3	31.6	24.2	16.3	10.2	5.1	0.0
65°	45.6	36.5	27.9	19.2	11.3	5.7	0.0
62.5°	51.8	41.9	31.6	22.0	12.4	6.2	0.0
60°	57.9	47.2	35.2	24.7	13.4	6.7	0.0
57.5°	64.9	52.4	39.5	27.5	15.2	7.2	0.0
55°	71.9	57.6	43.7	30.1	17.0	7.7	0.0
52.5°	78.9	62.8	47.9	32.7	18.7	8.2	0.0
50°	85.7	68.6	52.0	35.3	20.4	8.6	0.0
47.5°	92.6	74.2	56.0	37.9	22.0	9.1	0.0
45°	100.5	79.7	59.9	40.8	23.5	9.5	0.0
42.5°	108.4	85.0	63.7	43.7	25.0	9.9	0.0
40°	116.3	90.2	67.6	46.3	26.5	10.3	0.0
37.5°	124.0	95.2	71.6	48.8	27.9	10.6	0.0
35°	131.6	101.0	75.4	51.1	29.2	11.0	0.0
32.5°	139.4	106.9	79.1	53.3	30.4	11.3	0.0
30°	147.7	112.7	82.6	55.3	31.6	11.6	0.0
27.5°	155.8	118.3	85.5	57.1	32.7	11.9	0.0
25°	163.6	123.6	88.2	58.7	33.7	12.1	0.0
22.5°	171.0	128.4	90.7	60.2	34.6	12.4	0.0
20°	178.0	132.0	93.0	61.6	35.5	12.6	0.0
17.5°	183.3	135.2	95.0	62.7	36.2	12.8	0.0
15°	187.3	138.0	96.9	63.7	36.9	12.9	0.0
12.5°	190.7	140.3	98.5	64.6	37.5	13.1	0.0
10°	193.5	142.1	99.8	65.2	38.0	13.2	0.0
7.5°	195.7	143.6	100.9	65.7	38.4	13.3	0.0
5°	197.3	144.6	101.8	66.0	38.7	13.3	0.0
2.5°	198.3	145.1	102.4	66.2	38.9	13.4	0.0
0°	198.7	145.3	102.7	66.2	39.0	13.4	0.0
-2.5°	198.3	145.1	102.4	66.2	38.9	13.4	0.0
-5°	197.3	144.6	101.8	66.0	38.7	13.3	0.0
-7.5°	195.7	143.6	100.9	65.7	38.4	13.3	0.0
-10°	193.5	142.1	99.8	65.2	38.0	13.2	0.0
-12.5°	190.7	140.3	98.5	64.6	37.5	13.1	0.0
-15°	187.3	138.0	96.9	63.7	36.9	12.9	0.0
-17.5°	183.3	135.2	95.0	62.7	36.2	12.8	0.0
-20°	178.0	132.0	93.0	61.6	35.5	12.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.0	128.4	90.7	60.2	34.6	12.4	0.0
-25°	163.6	123.6	88.2	58.7	33.7	12.1	0.0
-27.5°	155.8	118.3	85.5	57.1	32.7	11.9	0.0
-30°	147.7	112.7	82.6	55.3	31.6	11.6	0.0
-32.5°	139.4	106.9	79.1	53.3	30.4	11.3	0.0
-35°	131.6	101.0	75.4	51.1	29.2	11.0	0.0
-37.5°	124.0	95.2	71.6	48.8	27.9	10.6	0.0
-40°	116.3	90.2	67.6	46.3	26.5	10.3	0.0
-42.5°	108.4	85.0	63.7	43.7	25.0	9.9	0.0
-45°	100.5	79.7	59.9	40.8	23.5	9.5	0.0
-47.5°	92.6	74.2	56.0	37.9	22.0	9.1	0.0
-50°	85.7	68.6	52.0	35.3	20.4	8.6	0.0
-52.5°	78.9	62.8	47.9	32.7	18.7	8.2	0.0
-55°	71.9	57.6	43.7	30.1	17.0	7.7	0.0
-57.5°	64.9	52.4	39.5	27.5	15.2	7.2	0.0
-60°	57.9	47.2	35.2	24.7	13.4	6.7	0.0
-62.5°	51.8	41.9	31.6	22.0	12.4	6.2	0.0
-65°	45.6	36.5	27.9	19.2	11.3	5.7	0.0
-67.5°	39.3	31.6	24.2	16.3	10.2	5.1	0.0
-70°	33.1	27.0	20.5	13.4	9.2	4.6	0.0
-72.5°	27.6	22.4	16.7	11.6	8.0	4.0	0.0
-75°	22.3	17.8	12.9	9.9	6.9	3.5	0.0
-77.5°	16.9	13.1	10.5	8.3	5.8	2.9	0.0
-80°	11.5	9.9	8.4	6.6	4.6	2.3	0.0
-82.5°	8.4	7.4	6.3	5.0	3.5	1.7	0.0
-85°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
-87.5°	2.8	2.5	2.1	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)