

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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-935-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

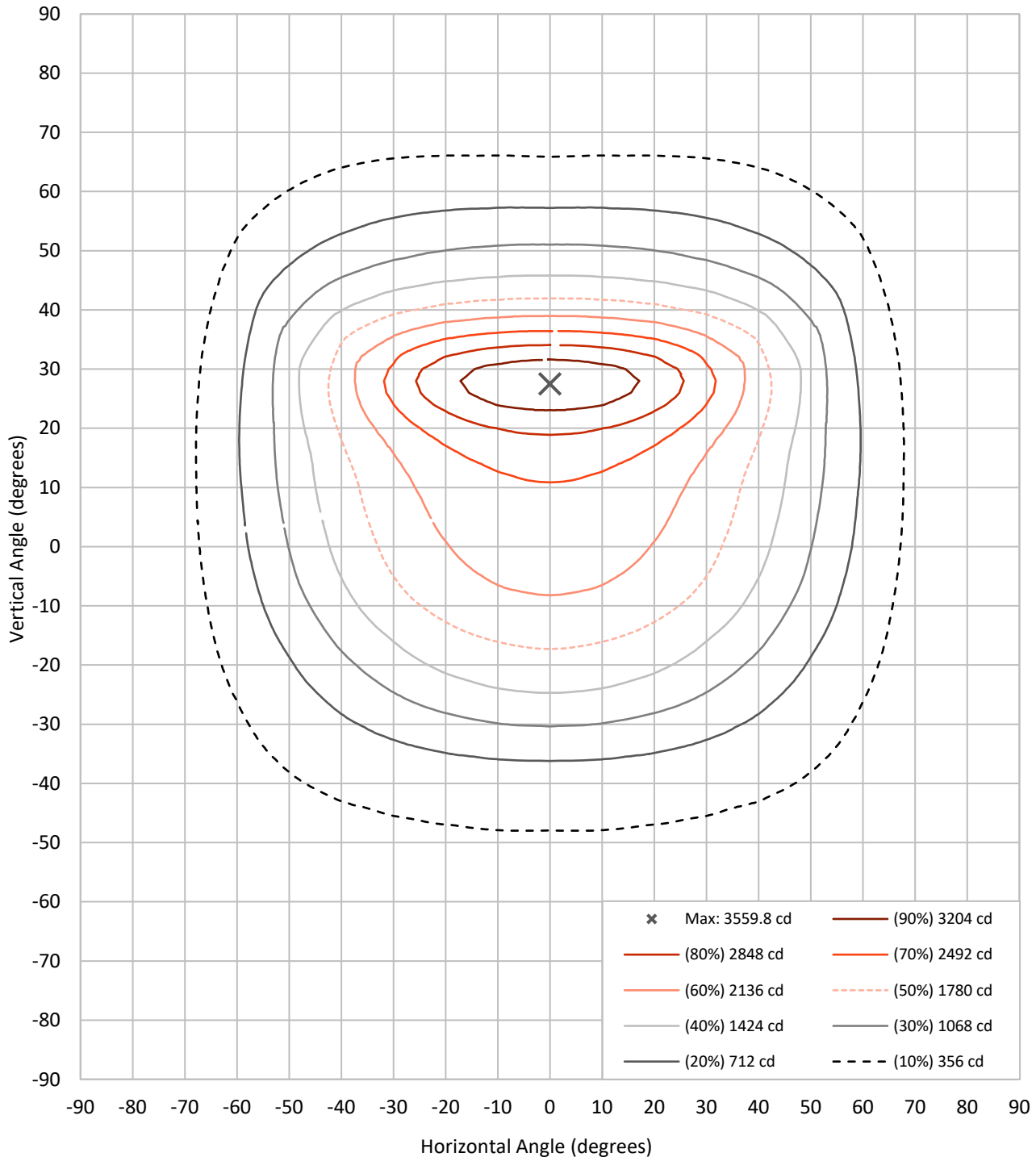
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5189.6 lumens	Max Intensity:	3559.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	81.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2697 lumens	Field Lumens:	4800.8 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	64		
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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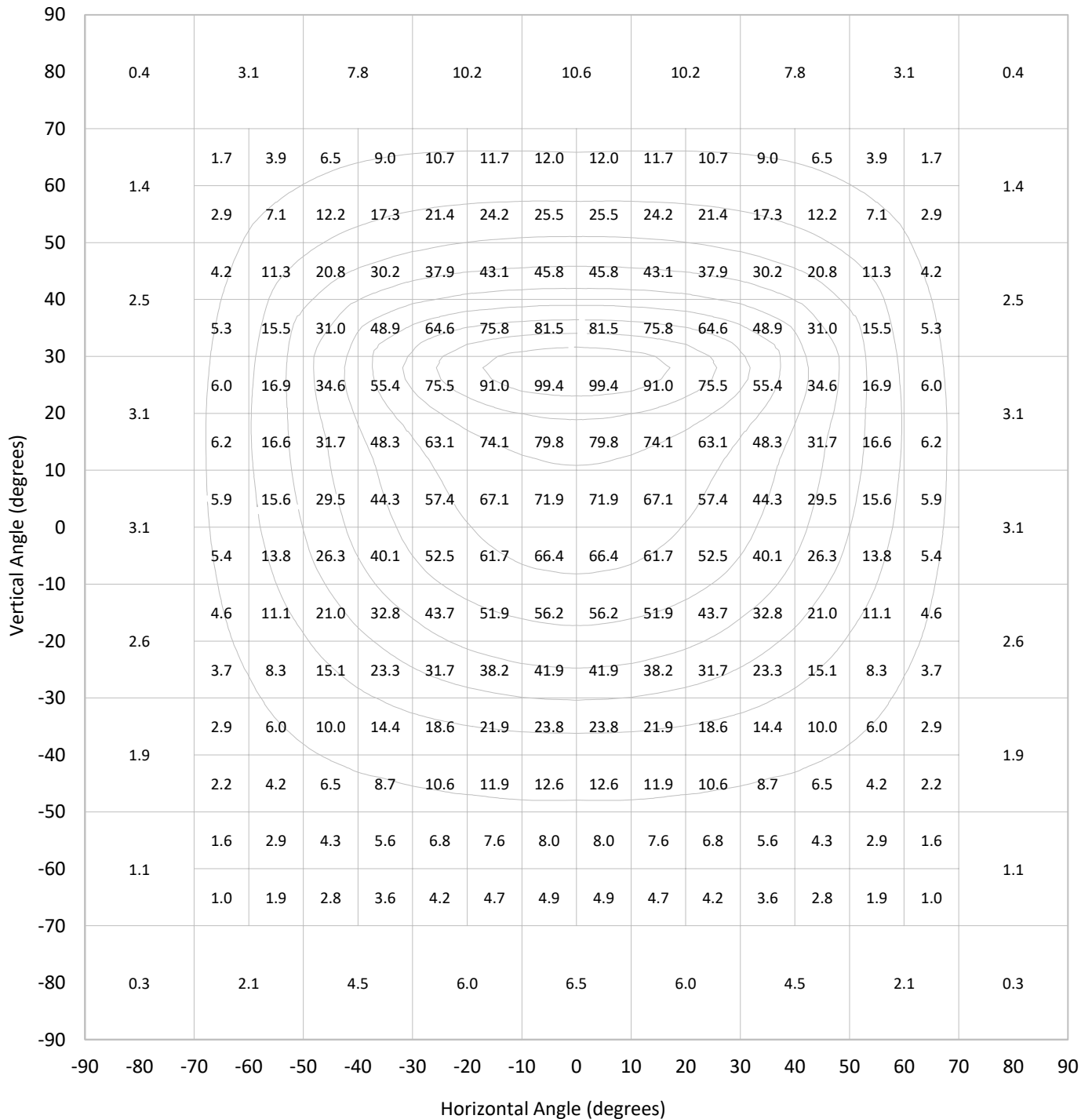
Iso-Candela Plot





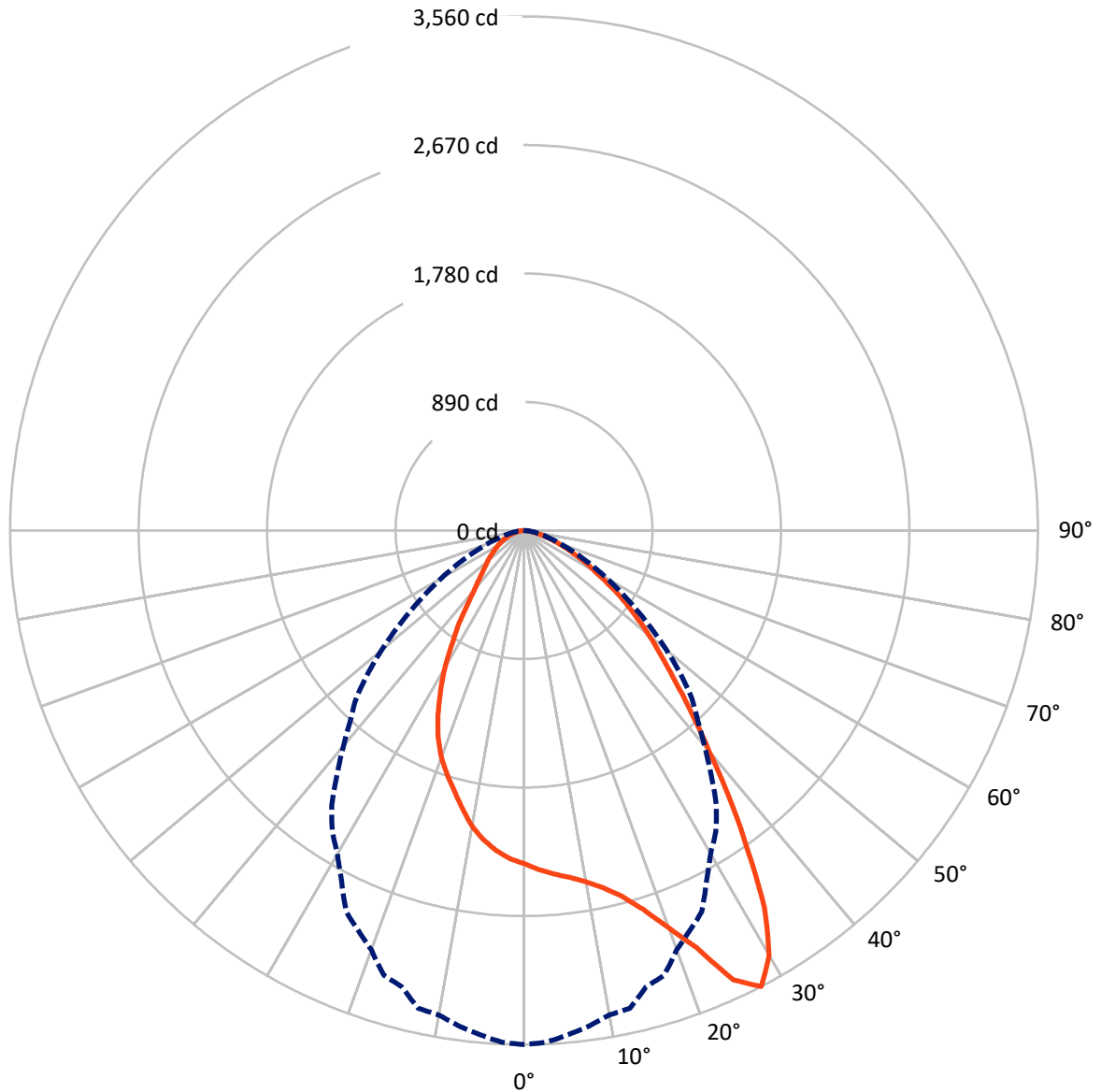
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Lumen Table



REPORT NUMBER: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
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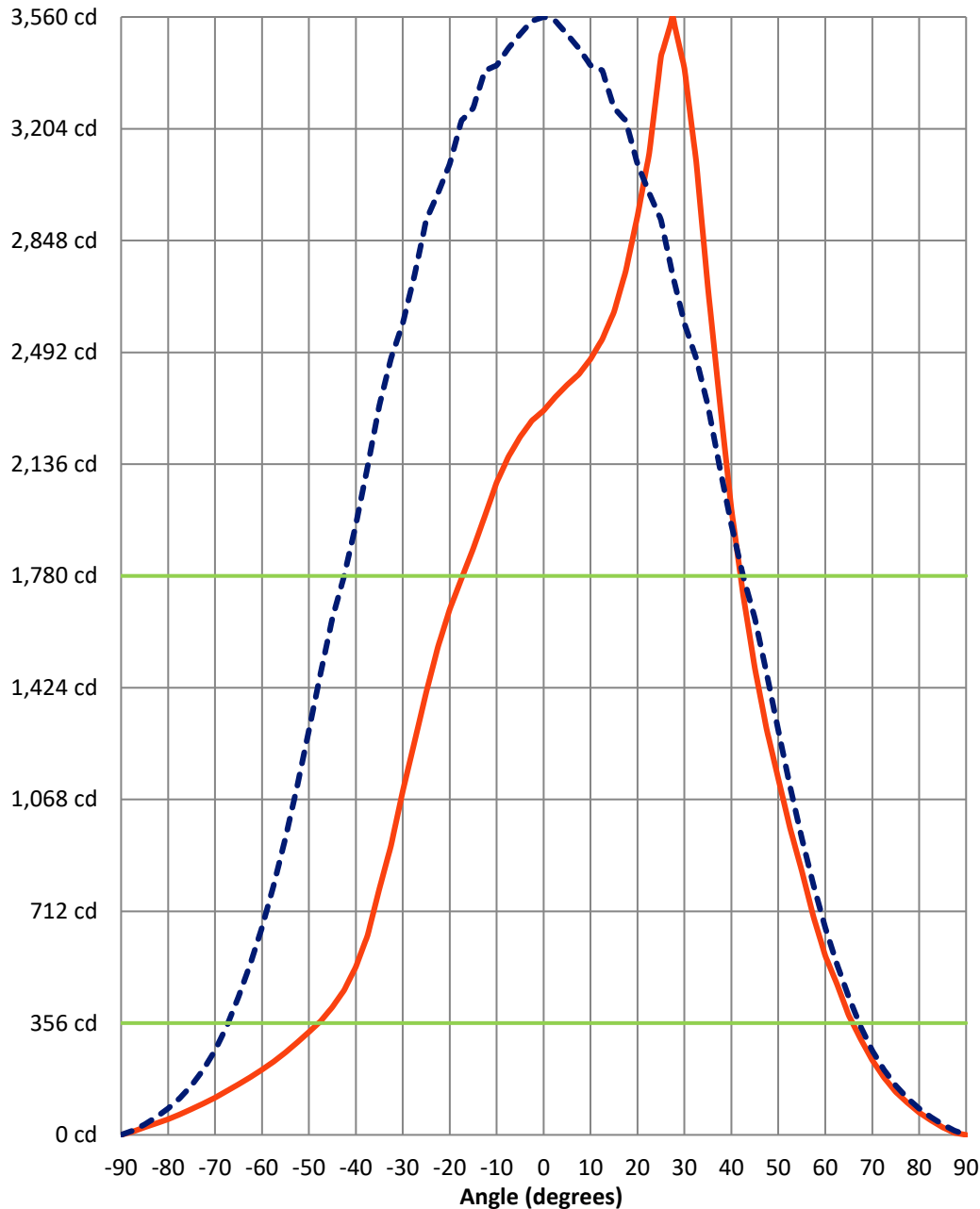
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 2697
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 4800.8
 Efficiency: 92.5%

Spill:
 Lumens: 388.8
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.1	2.7	3.3	4.0	4.6	5.1	5.7	6.3
85°	0.0	1.4	2.8	4.1	5.4	6.7	7.9	9.1	10.3	11.4	12.5
82.5°	0.0	2.0	4.1	6.2	8.1	10.0	11.9	13.7	15.7	19.2	22.8
80°	0.0	2.7	5.5	8.2	10.8	13.3	16.1	20.6	25.3	30.2	35.3
77.5°	0.0	3.4	6.9	10.2	13.5	17.4	22.9	28.8	34.9	41.2	48.5
75°	0.0	4.0	8.2	12.2	16.4	22.8	29.7	36.8	44.5	54.2	64.2
72.5°	0.0	4.7	9.5	14.2	20.5	28.1	36.3	45.3	56.5	67.9	79.6
70°	0.0	5.3	10.8	16.3	24.6	33.4	43.0	55.4	68.2	81.3	96.7
67.5°	0.0	6.0	12.1	19.2	28.6	38.5	51.2	65.3	79.7	96.8	114.0
65°	0.0	6.6	13.4	22.1	32.5	44.2	59.2	75.0	93.1	111.9	131.9
62.5°	0.0	7.2	14.6	24.8	36.3	50.4	66.9	85.7	106.1	127.2	151.6
60°	0.0	7.8	15.8	27.5	39.9	56.4	74.3	96.8	118.8	144.1	170.7
57.5°	0.0	8.4	17.5	30.1	44.3	62.1	82.7	107.4	132.6	160.3	192.5
55°	0.0	8.9	19.1	32.7	48.6	67.6	90.9	117.2	146.2	176.7	214.8
52.5°	0.0	9.5	20.7	35.1	52.7	73.0	98.6	127.7	159.3	195.1	235.9
50°	0.0	10.0	22.3	37.4	56.6	79.0	105.9	137.6	172.4	212.4	261.0
47.5°	0.0	10.5	23.8	39.7	60.3	84.5	112.9	146.9	186.4	228.5	285.0
45°	0.0	11.0	25.2	42.3	63.7	89.7	120.1	155.4	198.7	248.0	307.1
42.5°	0.0	11.4	26.5	44.8	67.0	94.5	126.8	164.3	209.9	266.0	332.0
40°	0.0	11.9	27.8	47.1	70.3	99.0	132.9	173.3	221.2	282.1	355.3
37.5°	0.0	12.3	29.0	49.3	73.6	103.0	138.3	181.5	233.4	296.8	376.1
35°	0.0	12.7	30.2	51.3	76.6	107.0	143.2	188.8	244.2	312.5	395.7
32.5°	0.0	13.0	31.2	53.3	79.3	110.7	147.9	195.2	253.5	325.9	413.2
30°	0.0	13.4	32.2	55.0	81.7	114.1	153.0	201.3	261.3	337.1	427.7
27.5°	0.0	13.7	33.2	56.6	84.0	116.9	157.3	207.5	268.6	346.0	439.3
25°	0.0	14.0	34.0	58.1	86.0	119.3	161.0	212.6	275.7	354.2	447.9
22.5°	0.0	14.2	34.8	59.4	87.8	121.4	164.0	216.5	281.1	360.8	455.3
20°	0.0	14.5	35.4	60.6	89.2	123.4	166.4	219.4	284.7	365.1	460.1
17.5°	0.0	14.7	36.0	61.6	90.4	125.2	168.5	221.2	286.7	367.1	462.4
15°	0.0	14.9	36.5	62.4	91.3	126.5	170.2	222.4	287.1	367.0	462.1
12.5°	0.0	15.0	37.0	63.1	91.9	127.5	171.2	223.4	287.1	364.8	459.3
10°	0.0	15.1	37.3	63.6	92.3	128.1	171.6	223.4	286.6	363.7	455.2
7.5°	0.0	15.2	37.6	63.9	92.4	128.4	171.5	222.6	284.9	361.4	450.5
5°	0.0	15.3	37.7	64.2	92.3	128.3	170.7	221.1	282.0	357.5	443.6
2.5°	0.0	15.3	37.8	64.2	92.0	127.8	169.4	218.7	278.1	352.2	434.6
0°	0.0	15.3	37.8	64.1	91.4	127.0	167.6	215.7	273.2	345.5	423.8
-2.5°	0.0	15.3	37.7	63.8	91.0	125.8	165.7	212.5	268.4	338.1	413.0
-5°	0.0	15.3	37.5	63.4	90.3	124.3	163.3	208.8	262.7	329.5	400.7
-7.5°	0.0	15.3	37.3	62.8	89.5	122.4	160.5	204.4	256.2	319.8	387.2
-10°	0.0	15.2	36.9	62.1	88.4	120.3	157.3	199.5	249.0	309.1	372.7
-12.5°	0.0	15.1	36.5	61.2	87.1	118.0	153.6	194.1	241.2	297.8	358.4
-15°	0.0	15.0	36.0	60.2	85.7	115.4	149.7	188.3	233.2	286.6	343.8
-17.5°	0.0	14.8	35.5	59.1	84.0	112.5	145.3	182.5	225.2	274.8	328.4
-20°	0.0	14.7	34.8	57.8	82.2	109.5	140.8	176.6	216.7	262.5	312.5



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 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.4	34.1	56.5	80.2	106.3	136.3	170.3	207.9	249.8	296.0
-25°	0.0	14.2	33.3	55.0	78.0	103.1	131.6	163.6	198.8	236.7	279.2
-27.5°	0.0	13.9	32.5	53.4	75.6	99.7	126.6	156.5	189.4	224.0	263.2
-30°	0.0	13.6	31.6	51.7	73.1	96.2	121.3	149.1	180.3	212.5	247.2
-32.5°	0.0	13.3	30.6	49.9	70.5	92.4	115.9	142.2	171.2	200.9	231.4
-35°	0.0	12.9	29.6	48.0	67.7	88.5	110.8	135.4	161.9	189.3	215.6
-37.5°	0.0	12.5	28.5	46.0	64.8	84.5	105.8	128.5	152.4	177.8	202.7
-40°	0.0	12.1	27.4	43.9	61.8	80.7	100.6	121.4	142.6	166.6	190.4
-42.5°	0.0	11.7	26.2	41.7	58.8	76.8	95.2	114.3	133.8	155.7	177.9
-45°	0.0	11.2	25.0	39.5	55.9	72.7	89.7	107.4	125.5	144.8	165.3
-47.5°	0.0	10.8	23.7	37.2	52.8	68.5	84.0	100.7	117.3	133.9	153.2
-50°	0.0	10.3	22.4	35.1	49.6	64.2	78.8	94.0	109.1	124.8	141.3
-52.5°	0.0	9.7	21.0	33.1	46.3	59.9	73.6	87.1	101.2	115.5	129.5
-55°	0.0	9.2	19.6	31.0	42.9	55.6	68.3	80.2	93.3	106.1	119.1
-57.5°	0.0	8.6	18.2	28.8	39.4	51.3	63.0	74.1	85.4	97.0	108.6
-60°	0.0	8.0	16.8	26.6	35.9	46.9	57.6	67.9	77.5	88.0	98.2
-62.5°	0.0	7.4	15.5	24.4	32.9	42.5	52.2	61.6	70.4	78.9	88.2
-65°	0.0	6.8	14.2	22.1	29.9	37.9	46.9	55.3	63.2	70.7	78.2
-67.5°	0.0	6.2	12.9	19.7	26.8	33.7	41.4	49.0	55.9	62.7	69.0
-70°	0.0	5.5	11.5	17.3	23.7	29.8	35.9	42.7	49.0	54.6	60.2
-72.5°	0.0	4.8	10.2	15.2	20.5	25.9	31.1	36.4	42.0	47.0	51.5
-75°	0.0	4.2	8.8	13.1	17.3	22.0	26.4	30.8	35.0	39.5	43.5
-77.5°	0.0	3.5	7.3	10.9	14.4	18.0	21.7	25.4	28.9	32.1	35.4
-80°	0.0	2.8	5.9	8.8	11.5	14.3	17.0	20.0	22.9	25.5	28.1
-82.5°	0.0	2.1	4.4	6.6	8.7	10.7	12.7	14.8	16.8	18.9	20.9
-85°	0.0	1.4	3.0	4.4	5.8	7.2	8.5	9.9	11.2	12.5	13.8
-87.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.9	5.6	6.3	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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.9	7.1	7.2	7.5	7.7	8.0	8.1	8.3	8.4	8.5
85°	13.2	13.7	15.3	16.9	18.5	19.9	21.2	22.4	23.3	24.1	24.7
82.5°	25.7	28.4	31.0	33.5	35.7	37.7	39.6	41.9	43.6	45.1	46.3
80°	39.4	43.1	47.7	52.0	55.8	59.4	62.6	65.5	67.7	70.0	72.2
77.5°	55.4	61.4	67.1	72.3	77.4	83.2	88.7	93.6	97.5	100.4	102.6
75°	72.6	79.8	88.0	96.2	103.8	110.9	117.7	126.1	132.9	138.0	142.1
72.5°	90.9	101.3	111.4	121.1	132.4	143.3	153.9	164.2	173.2	179.8	185.2
70°	110.7	122.8	136.7	150.8	164.3	178.0	192.6	206.0	217.0	224.8	232.2
67.5°	131.0	147.9	164.3	181.2	200.4	217.9	233.9	250.7	265.6	275.4	284.0
65°	154.3	173.2	195.2	217.6	238.7	260.5	280.7	299.0	317.8	331.4	342.6
62.5°	176.8	203.4	229.3	255.6	282.1	305.9	332.2	355.8	374.6	394.1	410.8
60°	203.6	235.2	267.0	298.7	328.3	361.6	390.6	417.9	443.1	464.8	485.4
57.5°	230.3	271.1	308.7	345.9	385.1	420.7	454.7	485.3	515.5	540.7	565.4
55°	258.4	310.9	354.3	400.3	443.3	483.6	521.8	560.2	592.3	627.0	657.1
52.5°	289.6	349.6	405.7	456.2	504.8	551.2	596.9	643.1	688.2	724.2	758.3
50°	318.8	390.2	457.7	515.4	571.2	626.4	683.5	741.2	790.9	832.1	867.5
47.5°	350.9	428.0	513.8	577.6	644.5	712.9	782.2	846.0	900.2	956.1	995.3
45°	382.2	466.2	559.2	647.8	725.3	808.1	884.5	954.8	1033.3	1094.3	1146.7
42.5°	410.7	502.4	606.0	718.7	815.6	904.4	987.1	1086.0	1176.2	1247.6	1313.0
40°	440.1	535.3	648.5	784.5	905.6	1000.5	1101.1	1210.4	1327.7	1415.6	1493.8
37.5°	466.9	569.0	687.3	834.7	994.3	1098.5	1209.7	1328.4	1462.2	1594.4	1688.3
35°	490.6	597.6	725.9	875.6	1039.0	1193.6	1311.2	1437.5	1584.0	1755.5	1883.8
32.5°	512.2	620.9	756.4	907.5	1073.2	1254.5	1403.7	1533.5	1680.4	1857.4	2075.2
30°	529.7	643.4	779.2	930.6	1096.7	1277.2	1466.8	1608.2	1747.6	1921.3	2124.0
27.5°	543.1	659.9	794.9	945.0	1109.3	1287.8	1470.2	1644.6	1779.6	1943.0	2127.3
25°	553.3	673.5	803.3	950.3	1111.1	1283.2	1458.7	1623.7	1775.2	1919.3	2084.7
22.5°	561.8	682.8	812.4	946.7	1102.7	1266.7	1431.7	1589.1	1735.7	1870.6	2012.8
20°	568.2	688.8	817.0	950.2	1088.7	1239.8	1397.7	1547.4	1689.1	1819.7	1935.4
17.5°	571.0	690.6	817.0	949.5	1086.3	1218.5	1356.0	1499.8	1639.1	1768.9	1883.3
15°	570.5	688.3	812.5	944.5	1079.2	1210.2	1336.8	1455.5	1585.2	1716.3	1830.3
12.5°	566.7	682.1	803.6	935.0	1067.6	1197.0	1321.4	1440.6	1556.8	1666.7	1775.7
10°	559.9	672.1	790.6	921.2	1051.6	1179.1	1301.9	1421.5	1536.5	1644.4	1745.9
7.5°	552.8	660.9	775.0	903.1	1031.2	1156.5	1278.1	1397.9	1510.7	1618.4	1720.9
5°	543.5	649.1	763.1	885.8	1009.3	1131.5	1250.5	1369.7	1479.6	1588.1	1691.1
2.5°	531.7	634.5	748.1	864.9	984.8	1105.6	1220.7	1337.7	1450.3	1554.7	1656.1
0°	517.5	617.1	729.9	840.0	956.1	1075.4	1186.1	1300.5	1417.7	1516.3	1615.4
-2.5°	502.1	596.3	703.5	813.0	925.2	1042.2	1155.7	1264.2	1378.8	1478.4	1579.6
-5°	484.8	573.3	674.2	782.5	890.7	1004.8	1120.3	1223.5	1332.9	1431.5	1531.0
-7.5°	465.9	548.5	642.6	748.3	851.3	959.0	1068.4	1167.6	1274.0	1371.5	1468.5
-10°	446.0	524.1	611.9	709.7	806.8	907.1	1009.9	1107.1	1209.4	1306.5	1399.8
-12.5°	426.9	500.0	580.3	669.1	759.8	852.5	948.0	1041.9	1138.9	1236.5	1323.7
-15°	406.9	474.6	547.5	627.2	710.7	795.5	883.3	972.1	1063.1	1158.6	1239.2
-17.5°	386.1	448.3	514.2	584.3	659.9	736.7	817.4	903.1	986.4	1073.3	1151.3
-20°	365.0	421.2	480.5	541.0	608.1	681.7	757.2	834.1	909.9	985.5	1058.8



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 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	343.5	393.5	447.5	500.7	564.5	631.0	697.2	764.0	831.9	897.1	966.4
-25°	322.7	367.8	415.5	467.2	522.0	580.6	637.5	693.9	754.2	815.3	874.9
-27.5°	302.7	342.5	387.5	433.7	479.3	531.4	581.2	629.0	681.6	735.5	783.7
-30°	282.7	320.4	359.9	400.8	440.9	484.5	527.5	569.5	612.3	658.5	700.2
-32.5°	264.1	298.6	334.4	370.3	404.4	438.2	478.0	515.2	550.3	583.2	619.6
-35°	247.1	278.7	309.9	340.8	368.9	398.6	431.9	463.3	491.4	517.8	545.6
-37.5°	231.0	259.2	285.5	313.1	338.1	363.5	388.0	415.2	438.0	459.1	481.9
-40°	215.0	240.1	263.8	286.9	309.8	331.0	351.9	370.4	388.7	409.0	424.7
-42.5°	199.1	222.5	243.7	261.4	283.0	301.3	317.5	332.9	347.9	363.6	376.2
-45°	185.2	205.1	224.4	241.4	257.5	273.1	286.9	299.0	313.2	324.2	333.6
-47.5°	171.1	188.3	206.0	221.6	235.2	247.9	258.1	270.2	281.8	291.3	296.8
-50°	157.2	173.0	187.9	202.5	214.8	225.0	233.8	243.7	253.4	261.4	266.7
-52.5°	144.4	157.6	171.5	183.9	195.2	204.3	212.7	221.4	228.5	233.9	240.9
-55°	131.8	143.9	155.5	166.7	176.3	184.7	192.9	200.6	206.7	211.4	217.1
-57.5°	119.9	130.9	141.0	150.4	159.0	166.2	174.2	180.8	186.4	190.9	196.8
-60°	108.4	118.2	127.3	135.5	142.6	149.7	156.3	162.3	167.2	171.6	177.0
-62.5°	96.9	105.8	114.0	121.5	127.9	133.8	139.7	144.9	149.0	153.6	158.0
-65°	86.1	93.6	100.8	107.7	113.7	119.3	124.2	128.3	132.2	136.3	139.9
-67.5°	75.4	82.4	88.4	93.9	99.5	104.9	109.4	113.2	116.5	119.8	122.8
-70°	65.8	71.3	76.9	81.8	86.1	90.6	94.9	98.5	101.4	104.0	106.5
-72.5°	56.3	61.2	65.8	70.0	74.0	77.6	81.0	84.3	87.0	89.0	90.8
-75°	47.4	51.2	55.1	58.8	62.0	64.8	67.5	70.1	72.3	74.0	75.4
-77.5°	38.8	42.0	45.0	47.9	50.2	52.4	54.4	56.3	58.0	59.3	60.3
-80°	30.4	32.8	35.2	37.5	39.3	40.8	42.1	43.2	44.5	45.8	46.9
-82.5°	22.6	24.3	25.9	27.5	28.8	29.8	30.7	31.6	32.5	33.3	34.1
-85°	14.9	15.8	16.8	17.8	18.7	19.6	20.3	20.9	21.4	21.8	22.2
-87.5°	7.4	7.9	8.4	8.8	9.2	9.7	10.1	10.5	10.7	10.9	11.1
-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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-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°	8.5	8.5	8.5	8.5	8.4	8.1	7.7	7.3	6.9	7.1	7.3
85°	25.1	25.2	25.1	24.9	24.4	24.4	24.4	24.2	24.0	24.3	24.7
82.5°	47.2	47.6	47.6	47.4	46.9	47.1	47.2	47.1	46.9	47.2	47.4
80°	73.8	74.5	74.6	74.1	73.1	73.2	73.3	73.1	72.6	72.7	72.7
77.5°	105.2	106.8	107.4	107.2	106.1	105.8	105.1	103.7	101.6	101.5	101.6
75°	145.2	146.8	147.7	147.6	146.7	146.0	145.1	143.4	141.1	141.0	141.0
72.5°	189.3	191.8	192.8	193.8	193.8	193.4	192.3	189.8	186.2	185.8	186.2
70°	238.0	242.1	244.7	246.7	248.3	248.7	247.9	245.9	242.7	241.9	241.6
67.5°	292.3	298.9	303.9	307.2	310.3	312.5	313.4	312.5	309.9	309.0	309.4
65°	353.2	363.3	371.7	377.9	382.1	385.1	387.7	389.2	389.6	390.5	391.7
62.5°	424.2	436.7	448.3	456.2	460.3	463.1	471.5	476.3	477.7	478.0	479.8
60°	503.6	519.3	533.8	545.4	554.9	562.0	569.1	573.8	575.6	575.9	578.4
57.5°	590.4	610.1	627.1	645.1	657.7	665.0	674.5	684.3	689.4	690.8	696.8
55°	686.4	713.3	735.3	754.6	772.2	787.6	800.7	810.8	818.2	822.7	830.6
52.5°	792.5	824.2	847.2	869.8	895.0	912.8	924.4	943.0	956.5	963.9	973.4
50°	909.1	944.3	975.7	999.5	1028.8	1053.0	1070.6	1088.3	1100.7	1107.7	1116.9
47.5°	1041.8	1085.2	1121.6	1143.6	1177.6	1206.2	1217.7	1231.0	1254.3	1265.5	1275.3
45°	1191.2	1246.6	1287.0	1321.4	1350.6	1382.7	1403.7	1418.8	1441.8	1453.3	1460.5
42.5°	1369.0	1430.6	1483.8	1525.2	1549.7	1591.3	1621.6	1630.2	1662.6	1684.7	1691.1
40°	1568.4	1636.6	1706.9	1754.0	1793.6	1835.8	1885.8	1913.6	1941.1	1962.7	1967.6
37.5°	1776.1	1867.5	1947.7	2008.5	2073.9	2136.2	2189.2	2218.1	2236.1	2277.4	2292.8
35°	1987.3	2081.6	2193.9	2288.5	2367.8	2444.6	2505.0	2552.7	2598.0	2635.2	2657.5
32.5°	2167.1	2268.6	2407.3	2548.9	2634.5	2717.7	2817.0	2871.5	2932.0	2981.0	3016.8
30°	2314.9	2411.4	2537.7	2715.4	2832.5	2916.9	3042.6	3117.9	3183.8	3266.9	3295.8
27.5°	2321.9	2472.7	2584.4	2737.4	2913.3	2998.9	3091.9	3228.9	3270.4	3388.9	3405.9
25°	2260.9	2419.3	2534.1	2661.8	2808.0	2912.2	2997.2	3111.0	3170.6	3246.8	3305.3
22.5°	2165.6	2305.2	2422.3	2530.6	2644.7	2739.5	2817.2	2897.2	2962.6	3021.7	3076.6
20°	2060.3	2192.9	2303.8	2397.0	2487.4	2575.4	2645.2	2712.4	2769.0	2819.7	2851.0
17.5°	1986.2	2081.5	2194.9	2290.4	2368.8	2437.8	2510.0	2566.3	2615.9	2661.6	2690.1
15°	1935.6	2026.2	2107.0	2194.5	2277.2	2343.0	2397.4	2455.4	2498.3	2537.6	2568.6
12.5°	1883.1	1976.4	2060.9	2133.9	2198.6	2270.4	2328.6	2374.2	2419.2	2450.1	2481.9
10°	1839.2	1926.5	2014.2	2091.2	2159.3	2218.5	2273.5	2324.7	2365.1	2399.8	2424.8
7.5°	1813.7	1899.4	1978.2	2052.1	2118.4	2181.5	2238.3	2285.2	2325.2	2361.1	2387.3
5°	1784.2	1869.0	1947.6	2023.1	2086.9	2147.5	2204.0	2252.4	2293.7	2325.7	2350.8
2.5°	1750.3	1834.0	1912.4	1989.2	2052.9	2111.3	2164.8	2212.0	2255.1	2285.6	2306.9
0°	1711.7	1795.5	1872.2	1944.5	2008.5	2071.5	2120.8	2168.4	2210.6	2240.7	2262.1
-2.5°	1672.8	1756.1	1835.4	1904.7	1968.3	2026.5	2078.9	2123.9	2164.1	2194.1	2212.9
-5°	1621.1	1703.9	1782.2	1851.9	1918.4	1976.8	2027.8	2073.5	2112.3	2145.0	2170.4
-7.5°	1558.5	1642.1	1720.4	1791.6	1857.7	1912.9	1961.9	2008.0	2049.4	2085.1	2116.4
-10°	1489.6	1572.3	1646.3	1713.0	1774.6	1830.7	1882.8	1928.4	1966.3	2001.3	2027.6
-12.5°	1409.4	1486.0	1558.3	1624.1	1684.3	1740.5	1790.0	1833.4	1871.6	1902.6	1926.4
-15°	1320.9	1393.6	1462.1	1529.4	1592.4	1647.7	1691.3	1737.0	1770.1	1800.2	1821.6
-17.5°	1226.2	1296.5	1368.6	1436.0	1494.2	1548.7	1596.7	1638.5	1673.2	1700.8	1725.0
-20°	1130.3	1201.9	1271.2	1335.5	1391.4	1442.0	1490.6	1530.7	1566.3	1596.3	1624.6



REPORT NUMBER: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1033.9	1099.6	1164.6	1227.5	1280.5	1328.2	1370.7	1409.1	1440.6	1476.0	1501.0
-25°	934.9	992.5	1051.2	1106.7	1156.8	1203.8	1242.3	1275.9	1308.7	1342.9	1367.3
-27.5°	835.4	886.3	934.0	983.2	1027.0	1067.7	1103.5	1132.9	1164.7	1187.5	1214.3
-30°	737.0	783.2	823.0	857.2	898.4	933.4	961.2	990.4	1016.7	1038.5	1061.1
-32.5°	653.7	685.3	717.0	745.6	773.1	801.8	824.3	849.8	867.7	886.5	904.8
-35°	573.7	598.0	619.1	645.7	666.3	682.0	700.7	719.5	726.6	747.0	757.9
-37.5°	501.1	517.1	536.8	555.4	570.6	582.3	599.0	608.8	614.0	627.2	634.3
-40°	439.1	449.1	467.6	480.3	489.4	497.9	511.7	518.2	525.2	531.8	532.0
-42.5°	384.5	397.5	409.9	419.9	425.7	435.4	441.9	442.6	451.8	457.6	458.5
-45°	339.8	353.0	362.9	370.3	376.1	384.4	388.6	390.9	398.4	402.3	404.0
-47.5°	305.5	314.7	323.3	329.0	336.6	342.8	345.8	349.8	355.5	359.1	361.7
-50°	275.4	282.7	289.2	294.4	302.0	307.4	310.4	315.2	319.5	322.1	324.2
-52.5°	248.9	255.4	259.9	264.9	271.2	276.1	279.8	284.6	288.1	290.4	292.3
-55°	224.0	230.2	234.6	240.1	244.5	247.8	250.9	255.6	259.1	261.5	263.0
-57.5°	202.1	206.7	211.1	216.0	220.3	223.9	226.7	229.3	231.6	233.5	235.0
-60°	181.6	185.3	189.3	193.2	196.4	199.0	202.0	204.4	205.9	206.8	208.0
-62.5°	161.9	165.2	168.7	171.9	174.4	176.6	179.0	181.0	182.4	183.4	184.1
-65°	143.1	146.0	149.0	151.6	153.8	155.7	157.4	158.8	159.7	160.6	161.2
-67.5°	125.6	127.9	130.0	131.7	133.4	135.0	136.5	137.6	138.1	138.8	139.5
-70°	108.6	110.5	111.9	113.0	113.9	115.2	116.6	117.7	118.2	118.9	119.5
-72.5°	92.3	93.6	94.8	95.7	96.2	97.0	98.0	98.8	99.4	99.9	100.2
-75°	76.6	77.6	78.6	79.3	79.7	80.3	80.8	81.1	81.1	81.3	81.5
-77.5°	61.1	62.2	63.1	63.8	64.2	64.6	65.0	65.2	65.3	65.3	65.2
-80°	47.7	48.5	49.1	49.5	49.8	50.1	50.3	50.4	50.3	50.4	50.4
-82.5°	34.7	35.3	35.9	36.3	36.5	36.9	37.1	37.3	37.5	37.5	37.4
-85°	22.5	22.8	23.0	23.3	23.5	23.7	23.7	23.7	23.7	23.7	23.7
-87.5°	11.2	11.1	10.9	10.7	10.4	10.5	10.6	10.6	10.6	10.7	10.8
-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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-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°	7.5	7.7	7.1	6.6	7.1	7.7	7.5	7.3	7.1	6.9	7.3
85°	24.9	25.1	24.6	24.1	24.6	25.1	24.9	24.7	24.3	24.0	24.2
82.5°	47.4	47.4	47.0	46.5	47.0	47.4	47.4	47.4	47.2	46.9	47.1
80°	72.4	71.9	71.7	71.2	71.7	71.9	72.4	72.7	72.7	72.6	73.1
77.5°	101.3	100.8	101.7	102.4	101.7	100.8	101.3	101.6	101.5	101.6	103.7
75°	140.5	139.4	138.4	136.9	138.4	139.4	140.5	141.0	141.0	141.1	143.4
72.5°	186.0	185.2	184.3	182.9	184.3	185.2	186.0	186.2	185.8	186.2	189.8
70°	240.2	237.6	238.0	238.2	238.0	237.6	240.2	241.6	241.9	242.7	245.9
67.5°	308.4	306.0	306.3	306.1	306.3	306.0	308.4	309.4	309.0	309.9	312.5
65°	390.9	388.3	385.2	380.6	385.2	388.3	390.9	391.7	390.5	389.6	389.2
62.5°	479.6	477.3	478.6	479.7	478.6	477.3	479.6	479.8	478.0	477.7	476.3
60°	578.0	574.7	573.2	570.6	573.2	574.7	578.0	578.4	575.9	575.6	573.8
57.5°	699.6	699.0	697.6	693.8	697.6	699.0	699.6	696.8	690.8	689.4	684.3
55°	834.4	833.6	836.7	840.5	836.7	833.6	834.4	830.6	822.7	818.2	810.8
52.5°	980.4	982.9	982.0	976.9	982.0	982.9	980.4	973.4	963.9	956.5	943.0
50°	1125.0	1127.8	1130.8	1133.5	1130.8	1127.8	1125.0	1116.9	1107.7	1100.7	1088.3
47.5°	1288.9	1296.2	1297.5	1292.3	1297.5	1296.2	1288.9	1275.3	1265.5	1254.3	1231.0
45°	1475.1	1479.5	1481.7	1486.1	1481.7	1479.5	1475.1	1460.5	1453.3	1441.8	1418.8
42.5°	1709.8	1714.9	1715.7	1720.5	1715.7	1714.9	1709.8	1691.1	1684.7	1662.6	1630.2
40°	1988.4	1996.7	1995.2	1993.2	1995.2	1996.7	1988.4	1967.6	1962.7	1941.1	1913.6
37.5°	2314.6	2328.6	2330.0	2338.7	2330.0	2328.6	2314.6	2292.8	2277.4	2236.1	2218.1
35°	2680.6	2697.1	2694.2	2698.5	2694.2	2697.1	2680.6	2657.5	2635.2	2598.0	2552.7
32.5°	3049.8	3074.6	3079.6	3100.4	3079.6	3074.6	3049.8	3016.8	2981.0	2932.0	2871.5
30°	3339.9	3374.6	3397.2	3395.5	3397.2	3374.6	3339.9	3295.8	3266.9	3183.8	3117.9
27.5°	3460.0	3505.0	3547.1	3559.8	3547.1	3505.0	3460.0	3405.9	3388.9	3270.4	3228.9
25°	3342.8	3375.6	3412.8	3432.8	3412.8	3375.6	3342.8	3305.3	3246.8	3170.6	3111.0
22.5°	3101.9	3123.2	3135.9	3125.6	3135.9	3123.2	3101.9	3076.6	3021.7	2962.6	2897.2
20°	2883.3	2910.4	2915.4	2926.3	2915.4	2910.4	2883.3	2851.0	2819.7	2769.0	2712.4
17.5°	2720.6	2738.3	2748.7	2751.0	2748.7	2738.3	2720.6	2690.1	2661.6	2615.9	2566.3
15°	2593.1	2607.3	2616.6	2620.7	2616.6	2607.3	2593.1	2568.6	2537.6	2498.3	2455.4
12.5°	2502.7	2520.0	2528.5	2533.7	2528.5	2520.0	2502.7	2481.9	2450.1	2419.2	2374.2
10°	2444.8	2461.5	2468.2	2470.7	2468.2	2461.5	2444.8	2424.8	2399.8	2365.1	2324.7
7.5°	2403.2	2413.9	2418.4	2421.9	2418.4	2413.9	2403.2	2387.3	2361.1	2325.2	2285.2
5°	2369.6	2378.1	2382.9	2388.0	2382.9	2378.1	2369.6	2350.8	2325.7	2293.7	2252.4
2.5°	2323.9	2336.1	2344.5	2349.7	2344.5	2336.1	2323.9	2306.9	2285.6	2255.1	2212.0
0°	2279.0	2290.5	2296.6	2306.4	2296.6	2290.5	2279.0	2262.1	2240.7	2210.6	2168.4
-2.5°	2229.7	2243.0	2258.9	2274.1	2258.9	2243.0	2229.7	2212.9	2194.1	2164.1	2123.9
-5°	2192.0	2209.6	2212.8	2222.6	2212.8	2209.6	2192.0	2170.4	2145.0	2112.3	2073.5
-7.5°	2135.0	2143.0	2156.7	2159.1	2156.7	2143.0	2135.0	2116.4	2085.1	2049.4	2008.0
-10°	2047.3	2060.3	2068.8	2077.5	2068.8	2060.3	2047.3	2027.6	2001.3	1966.3	1928.4
-12.5°	1944.2	1959.5	1973.2	1971.3	1973.2	1959.5	1944.2	1926.4	1902.6	1871.6	1833.4
-15°	1843.8	1858.6	1867.9	1866.7	1867.9	1858.6	1843.8	1821.6	1800.2	1770.1	1737.0
-17.5°	1744.1	1757.6	1771.2	1770.9	1771.2	1757.6	1744.1	1725.0	1700.8	1673.2	1638.5
-20°	1641.2	1652.7	1667.3	1673.4	1667.3	1652.7	1641.2	1624.6	1596.3	1566.3	1530.7



REPORT NUMBER: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1522.1	1536.9	1547.5	1554.0	1547.5	1536.9	1522.1	1501.0	1476.0	1440.6	1409.1
-25°	1383.4	1398.6	1406.7	1409.5	1406.7	1398.6	1383.4	1367.3	1342.9	1308.7	1275.9
-27.5°	1230.1	1247.1	1255.4	1251.2	1255.4	1247.1	1230.1	1214.3	1187.5	1164.7	1132.9
-30°	1072.9	1083.8	1085.1	1094.6	1085.1	1083.8	1072.9	1061.1	1038.5	1016.7	990.4
-32.5°	917.8	925.1	921.0	921.6	921.0	925.1	917.8	904.8	886.5	867.7	849.8
-35°	764.7	770.5	771.7	782.5	771.7	770.5	764.7	757.9	747.0	726.6	719.5
-37.5°	641.6	643.9	640.3	635.2	640.3	643.9	641.6	634.3	627.2	614.0	608.8
-40°	537.2	539.0	537.7	535.0	537.7	539.0	537.2	532.0	531.8	525.2	518.2
-42.5°	462.0	462.1	460.8	460.5	460.8	462.1	462.0	458.5	457.6	451.8	442.6
-45°	406.6	407.1	407.1	406.9	407.1	407.1	406.6	404.0	402.3	398.4	390.9
-47.5°	363.5	363.6	363.1	362.0	363.1	363.6	363.5	361.7	359.1	355.5	349.8
-50°	325.4	325.4	326.2	327.5	326.2	325.4	325.4	324.2	322.1	319.5	315.2
-52.5°	293.2	293.2	293.6	294.1	293.6	293.2	293.2	292.3	290.4	288.1	284.6
-55°	263.7	263.6	263.2	262.3	263.2	263.6	263.7	263.0	261.5	259.1	255.6
-57.5°	235.6	235.2	234.5	233.3	234.5	235.2	235.6	235.0	233.5	231.6	229.3
-60°	208.7	208.8	208.5	207.5	208.5	208.8	208.7	208.0	206.8	205.9	204.4
-62.5°	184.2	183.8	183.8	183.4	183.8	183.8	184.2	184.1	183.4	182.4	181.0
-65°	161.3	160.9	161.1	161.0	161.1	160.9	161.3	161.2	160.6	159.7	158.8
-67.5°	139.8	139.6	139.7	139.6	139.7	139.6	139.8	139.5	138.8	138.1	137.6
-70°	119.9	119.9	119.3	118.3	119.3	119.9	119.9	119.5	118.9	118.2	117.7
-72.5°	100.1	99.8	99.8	99.7	99.8	99.8	100.1	100.2	99.9	99.4	98.8
-75°	81.5	81.3	81.7	82.1	81.7	81.3	81.5	81.5	81.3	81.1	81.1
-77.5°	64.8	64.4	64.8	65.2	64.8	64.4	64.8	65.2	65.3	65.3	65.2
-80°	50.4	50.2	50.1	49.8	50.1	50.2	50.4	50.4	50.4	50.3	50.4
-82.5°	37.3	37.0	36.9	36.7	36.9	37.0	37.3	37.4	37.5	37.5	37.3
-85°	23.6	23.4	23.8	24.1	23.8	23.4	23.6	23.7	23.7	23.7	23.7
-87.5°	10.9	11.0	10.7	10.4	10.7	11.0	10.9	10.8	10.7	10.6	10.6
-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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	8.1	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.3	8.1
85°	24.4	24.4	24.4	24.9	25.1	25.2	25.1	24.7	24.1	23.3	22.4
82.5°	47.2	47.1	46.9	47.4	47.6	47.6	47.2	46.3	45.1	43.6	41.9
80°	73.3	73.2	73.1	74.1	74.6	74.5	73.8	72.2	70.0	67.7	65.5
77.5°	105.1	105.8	106.1	107.2	107.4	106.8	105.2	102.6	100.4	97.5	93.6
75°	145.1	146.0	146.7	147.6	147.7	146.8	145.2	142.1	138.0	132.9	126.1
72.5°	192.3	193.4	193.8	193.8	192.8	191.8	189.3	185.2	179.8	173.2	164.2
70°	247.9	248.7	248.3	246.7	244.7	242.1	238.0	232.2	224.8	217.0	206.0
67.5°	313.4	312.5	310.3	307.2	303.9	298.9	292.3	284.0	275.4	265.6	250.7
65°	387.7	385.1	382.1	377.9	371.7	363.3	353.2	342.6	331.4	317.8	299.0
62.5°	471.5	463.1	460.3	456.2	448.3	436.7	424.2	410.8	394.1	374.6	355.8
60°	569.1	562.0	554.9	545.4	533.8	519.3	503.6	485.4	464.8	443.1	417.9
57.5°	674.5	665.0	657.7	645.1	627.1	610.1	590.4	565.4	540.7	515.5	485.3
55°	800.7	787.6	772.2	754.6	735.3	713.3	686.4	657.1	627.0	592.3	560.2
52.5°	924.4	912.8	895.0	869.8	847.2	824.2	792.5	758.3	724.2	688.2	643.1
50°	1070.6	1053.0	1028.8	999.5	975.7	944.3	909.1	867.5	832.1	790.9	741.2
47.5°	1217.7	1206.2	1177.6	1143.6	1121.6	1085.2	1041.8	995.3	956.1	900.2	846.0
45°	1403.7	1382.7	1350.6	1321.4	1287.0	1246.6	1191.2	1146.7	1094.3	1033.3	954.8
42.5°	1621.6	1591.3	1549.7	1525.2	1483.8	1430.6	1369.0	1313.0	1247.6	1176.2	1086.0
40°	1885.8	1835.8	1793.6	1754.0	1706.9	1636.6	1568.4	1493.8	1415.6	1327.7	1210.4
37.5°	2189.2	2136.2	2073.9	2008.5	1947.7	1867.5	1776.1	1688.3	1594.4	1462.2	1328.4
35°	2505.0	2444.6	2367.8	2288.5	2193.9	2081.6	1987.3	1883.8	1755.5	1584.0	1437.5
32.5°	2817.0	2717.7	2634.5	2548.9	2407.3	2268.6	2167.1	2075.2	1857.4	1680.4	1533.5
30°	3042.6	2916.9	2832.5	2715.4	2537.7	2411.4	2314.9	2124.0	1921.3	1747.6	1608.2
27.5°	3091.9	2998.9	2913.3	2737.4	2584.4	2472.7	2321.9	2127.3	1943.0	1779.6	1644.6
25°	2997.2	2912.2	2808.0	2661.8	2534.1	2419.3	2260.9	2084.7	1919.3	1775.2	1623.7
22.5°	2817.2	2739.5	2644.7	2530.6	2422.3	2305.2	2165.6	2012.8	1870.6	1735.7	1589.1
20°	2645.2	2575.4	2487.4	2397.0	2303.8	2192.9	2060.3	1935.4	1819.7	1689.1	1547.4
17.5°	2510.0	2437.8	2368.8	2290.4	2194.9	2081.5	1986.2	1883.3	1768.9	1639.1	1499.8
15°	2397.4	2343.0	2277.2	2194.5	2107.0	2026.2	1935.6	1830.3	1716.3	1585.2	1455.5
12.5°	2328.6	2270.4	2198.6	2133.9	2060.9	1976.4	1883.1	1775.7	1666.7	1556.8	1440.6
10°	2273.5	2218.5	2159.3	2091.2	2014.2	1926.5	1839.2	1745.9	1644.4	1536.5	1421.5
7.5°	2238.3	2181.5	2118.4	2052.1	1978.2	1899.4	1813.7	1720.9	1618.4	1510.7	1397.9
5°	2204.0	2147.5	2086.9	2023.1	1947.6	1869.0	1784.2	1691.1	1588.1	1479.6	1369.7
2.5°	2164.8	2111.3	2052.9	1989.2	1912.4	1834.0	1750.3	1656.1	1554.7	1450.3	1337.7
0°	2120.8	2071.5	2008.5	1944.5	1872.2	1795.5	1711.7	1615.4	1516.3	1417.7	1300.5
-2.5°	2078.9	2026.5	1968.3	1904.7	1835.4	1756.1	1672.8	1579.6	1478.4	1378.8	1264.2
-5°	2027.8	1976.8	1918.4	1851.9	1782.2	1703.9	1621.1	1531.0	1431.5	1332.9	1223.5
-7.5°	1961.9	1912.9	1857.7	1791.6	1720.4	1642.1	1558.5	1468.5	1371.5	1274.0	1167.6
-10°	1882.8	1830.7	1774.6	1713.0	1646.3	1572.3	1489.6	1399.8	1306.5	1209.4	1107.1
-12.5°	1790.0	1740.5	1684.3	1624.1	1558.3	1486.0	1409.4	1323.7	1236.5	1138.9	1041.9
-15°	1691.3	1647.7	1592.4	1529.4	1462.1	1393.6	1320.9	1239.2	1158.6	1063.1	972.1
-17.5°	1596.7	1548.7	1494.2	1436.0	1368.6	1296.5	1226.2	1151.3	1073.3	986.4	903.1
-20°	1490.6	1442.0	1391.4	1335.5	1271.2	1201.9	1130.3	1058.8	985.5	909.9	834.1



REPORT NUMBER: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1370.7	1328.2	1280.5	1227.5	1164.6	1099.6	1033.9	966.4	897.1	831.9	764.0
-25°	1242.3	1203.8	1156.8	1106.7	1051.2	992.5	934.9	874.9	815.3	754.2	693.9
-27.5°	1103.5	1067.7	1027.0	983.2	934.0	886.3	835.4	783.7	735.5	681.6	629.0
-30°	961.2	933.4	898.4	857.2	823.0	783.2	737.0	700.2	658.5	612.3	569.5
-32.5°	824.3	801.8	773.1	745.6	717.0	685.3	653.7	619.6	583.2	550.3	515.2
-35°	700.7	682.0	666.3	645.7	619.1	598.0	573.7	545.6	517.8	491.4	463.3
-37.5°	599.0	582.3	570.6	555.4	536.8	517.1	501.1	481.9	459.1	438.0	415.2
-40°	511.7	497.9	489.4	480.3	467.6	449.1	439.1	424.7	409.0	388.7	370.4
-42.5°	441.9	435.4	425.7	419.9	409.9	397.5	384.5	376.2	363.6	347.9	332.9
-45°	388.6	384.4	376.1	370.3	362.9	353.0	339.8	333.6	324.2	313.2	299.0
-47.5°	345.8	342.8	336.6	329.0	323.3	314.7	305.5	296.8	291.3	281.8	270.2
-50°	310.4	307.4	302.0	294.4	289.2	282.7	275.4	266.7	261.4	253.4	243.7
-52.5°	279.8	276.1	271.2	264.9	259.9	255.4	248.9	240.9	233.9	228.5	221.4
-55°	250.9	247.8	244.5	240.1	234.6	230.2	224.0	217.1	211.4	206.7	200.6
-57.5°	226.7	223.9	220.3	216.0	211.1	206.7	202.1	196.8	190.9	186.4	180.8
-60°	202.0	199.0	196.4	193.2	189.3	185.3	181.6	177.0	171.6	167.2	162.3
-62.5°	179.0	176.6	174.4	171.9	168.7	165.2	161.9	158.0	153.6	149.0	144.9
-65°	157.4	155.7	153.8	151.6	149.0	146.0	143.1	139.9	136.3	132.2	128.3
-67.5°	136.5	135.0	133.4	131.7	130.0	127.9	125.6	122.8	119.8	116.5	113.2
-70°	116.6	115.2	113.9	113.0	111.9	110.5	108.6	106.5	104.0	101.4	98.5
-72.5°	98.0	97.0	96.2	95.7	94.8	93.6	92.3	90.8	89.0	87.0	84.3
-75°	80.8	80.3	79.7	79.3	78.6	77.6	76.6	75.4	74.0	72.3	70.1
-77.5°	65.0	64.6	64.2	63.8	63.1	62.2	61.1	60.3	59.3	58.0	56.3
-80°	50.3	50.1	49.8	49.5	49.1	48.5	47.7	46.9	45.8	44.5	43.2
-82.5°	37.1	36.9	36.5	36.3	35.9	35.3	34.7	34.1	33.3	32.5	31.6
-85°	23.7	23.7	23.5	23.3	23.0	22.8	22.5	22.2	21.8	21.4	20.9
-87.5°	10.6	10.5	10.4	10.7	10.9	11.1	11.2	11.1	10.9	10.7	10.5
-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: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-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°	8.0	7.7	7.5	7.2	7.1	6.9	6.6	6.3	5.7	5.1	4.6
85°	21.2	19.9	18.5	16.9	15.3	13.7	13.2	12.5	11.4	10.3	9.1
82.5°	39.6	37.7	35.7	33.5	31.0	28.4	25.7	22.8	19.2	15.7	13.7
80°	62.6	59.4	55.8	52.0	47.7	43.1	39.4	35.3	30.2	25.3	20.6
77.5°	88.7	83.2	77.4	72.3	67.1	61.4	55.4	48.5	41.2	34.9	28.8
75°	117.7	110.9	103.8	96.2	88.0	79.8	72.6	64.2	54.2	44.5	36.8
72.5°	153.9	143.3	132.4	121.1	111.4	101.3	90.9	79.6	67.9	56.5	45.3
70°	192.6	178.0	164.3	150.8	136.7	122.8	110.7	96.7	81.3	68.2	55.4
67.5°	233.9	217.9	200.4	181.2	164.3	147.9	131.0	114.0	96.8	79.7	65.3
65°	280.7	260.5	238.7	217.6	195.2	173.2	154.3	131.9	111.9	93.1	75.0
62.5°	332.2	305.9	282.1	255.6	229.3	203.4	176.8	151.6	127.2	106.1	85.7
60°	390.6	361.6	328.3	298.7	267.0	235.2	203.6	170.7	144.1	118.8	96.8
57.5°	454.7	420.7	385.1	345.9	308.7	271.1	230.3	192.5	160.3	132.6	107.4
55°	521.8	483.6	443.3	400.3	354.3	310.9	258.4	214.8	176.7	146.2	117.2
52.5°	596.9	551.2	504.8	456.2	405.7	349.6	289.6	235.9	195.1	159.3	127.7
50°	683.5	626.4	571.2	515.4	457.7	390.2	318.8	261.0	212.4	172.4	137.6
47.5°	782.2	712.9	644.5	577.6	513.8	428.0	350.9	285.0	228.5	186.4	146.9
45°	884.5	808.1	725.3	647.8	559.2	466.2	382.2	307.1	248.0	198.7	155.4
42.5°	987.1	904.4	815.6	718.7	606.0	502.4	410.7	332.0	266.0	209.9	164.3
40°	1101.1	1000.5	905.6	784.5	648.5	535.3	440.1	355.3	282.1	221.2	173.3
37.5°	1209.7	1098.5	994.3	834.7	687.3	569.0	466.9	376.1	296.8	233.4	181.5
35°	1311.2	1193.6	1039.0	875.6	725.9	597.6	490.6	395.7	312.5	244.2	188.8
32.5°	1403.7	1254.5	1073.2	907.5	756.4	620.9	512.2	413.2	325.9	253.5	195.2
30°	1466.8	1277.2	1096.7	930.6	779.2	643.4	529.7	427.7	337.1	261.3	201.3
27.5°	1470.2	1287.8	1109.3	945.0	794.9	659.9	543.1	439.3	346.0	268.6	207.5
25°	1458.7	1283.2	1111.1	950.3	803.3	673.5	553.3	447.9	354.2	275.7	212.6
22.5°	1431.7	1266.7	1102.7	946.7	812.4	682.8	561.8	455.3	360.8	281.1	216.5
20°	1397.7	1239.8	1088.7	950.2	817.0	688.8	568.2	460.1	365.1	284.7	219.4
17.5°	1356.0	1218.5	1086.3	949.5	817.0	690.6	571.0	462.4	367.1	286.7	221.2
15°	1336.8	1210.2	1079.2	944.5	812.5	688.3	570.5	462.1	367.0	287.1	222.4
12.5°	1321.4	1197.0	1067.6	935.0	803.6	682.1	566.7	459.3	364.8	287.1	223.4
10°	1301.9	1179.1	1051.6	921.2	790.6	672.1	559.9	455.2	363.7	286.6	223.4
7.5°	1278.1	1156.5	1031.2	903.1	775.0	660.9	552.8	450.5	361.4	284.9	222.6
5°	1250.5	1131.5	1009.3	885.8	763.1	649.1	543.5	443.6	357.5	282.0	221.1
2.5°	1220.7	1105.6	984.8	864.9	748.1	634.5	531.7	434.6	352.2	278.1	218.7
0°	1186.1	1075.4	956.1	840.0	729.9	617.1	517.5	423.8	345.5	273.2	215.7
-2.5°	1155.7	1042.2	925.2	813.0	703.5	596.3	502.1	413.0	338.1	268.4	212.5
-5°	1120.3	1004.8	890.7	782.5	674.2	573.3	484.8	400.7	329.5	262.7	208.8
-7.5°	1068.4	959.0	851.3	748.3	642.6	548.5	465.9	387.2	319.8	256.2	204.4
-10°	1009.9	907.1	806.8	709.7	611.9	524.1	446.0	372.7	309.1	249.0	199.5
-12.5°	948.0	852.5	759.8	669.1	580.3	500.0	426.9	358.4	297.8	241.2	194.1
-15°	883.3	795.5	710.7	627.2	547.5	474.6	406.9	343.8	286.6	233.2	188.3
-17.5°	817.4	736.7	659.9	584.3	514.2	448.3	386.1	328.4	274.8	225.2	182.5
-20°	757.2	681.7	608.1	541.0	480.5	421.2	365.0	312.5	262.5	216.7	176.6



REPORT NUMBER: P558610 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	697.2	631.0	564.5	500.7	447.5	393.5	343.5	296.0	249.8	207.9	170.3
-25°	637.5	580.6	522.0	467.2	415.5	367.8	322.7	279.2	236.7	198.8	163.6
-27.5°	581.2	531.4	479.3	433.7	387.5	342.5	302.7	263.2	224.0	189.4	156.5
-30°	527.5	484.5	440.9	400.8	359.9	320.4	282.7	247.2	212.5	180.3	149.1
-32.5°	478.0	438.2	404.4	370.3	334.4	298.6	264.1	231.4	200.9	171.2	142.2
-35°	431.9	398.6	368.9	340.8	309.9	278.7	247.1	215.6	189.3	161.9	135.4
-37.5°	388.0	363.5	338.1	313.1	285.5	259.2	231.0	202.7	177.8	152.4	128.5
-40°	351.9	331.0	309.8	286.9	263.8	240.1	215.0	190.4	166.6	142.6	121.4
-42.5°	317.5	301.3	283.0	261.4	243.7	222.5	199.1	177.9	155.7	133.8	114.3
-45°	286.9	273.1	257.5	241.4	224.4	205.1	185.2	165.3	144.8	125.5	107.4
-47.5°	258.1	247.9	235.2	221.6	206.0	188.3	171.1	153.2	133.9	117.3	100.7
-50°	233.8	225.0	214.8	202.5	187.9	173.0	157.2	141.3	124.8	109.1	94.0
-52.5°	212.7	204.3	195.2	183.9	171.5	157.6	144.4	129.5	115.5	101.2	87.1
-55°	192.9	184.7	176.3	166.7	155.5	143.9	131.8	119.1	106.1	93.3	80.2
-57.5°	174.2	166.2	159.0	150.4	141.0	130.9	119.9	108.6	97.0	85.4	74.1
-60°	156.3	149.7	142.6	135.5	127.3	118.2	108.4	98.2	88.0	77.5	67.9
-62.5°	139.7	133.8	127.9	121.5	114.0	105.8	96.9	88.2	78.9	70.4	61.6
-65°	124.2	119.3	113.7	107.7	100.8	93.6	86.1	78.2	70.7	63.2	55.3
-67.5°	109.4	104.9	99.5	93.9	88.4	82.4	75.4	69.0	62.7	55.9	49.0
-70°	94.9	90.6	86.1	81.8	76.9	71.3	65.8	60.2	54.6	49.0	42.7
-72.5°	81.0	77.6	74.0	70.0	65.8	61.2	56.3	51.5	47.0	42.0	36.4
-75°	67.5	64.8	62.0	58.8	55.1	51.2	47.4	43.5	39.5	35.0	30.8
-77.5°	54.4	52.4	50.2	47.9	45.0	42.0	38.8	35.4	32.1	28.9	25.4
-80°	42.1	40.8	39.3	37.5	35.2	32.8	30.4	28.1	25.5	22.9	20.0
-82.5°	30.7	29.8	28.8	27.5	25.9	24.3	22.6	20.9	18.9	16.8	14.8
-85°	20.3	19.6	18.7	17.8	16.8	15.8	14.9	13.8	12.5	11.2	9.9
-87.5°	10.1	9.7	9.2	8.8	8.4	7.9	7.4	6.9	6.3	5.6	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.3	2.7	2.1	1.4	0.7	0.0
85°	7.9	6.7	5.4	4.1	2.8	1.4	0.0
82.5°	11.9	10.0	8.1	6.2	4.1	2.0	0.0
80°	16.1	13.3	10.8	8.2	5.5	2.7	0.0
77.5°	22.9	17.4	13.5	10.2	6.9	3.4	0.0
75°	29.7	22.8	16.4	12.2	8.2	4.0	0.0
72.5°	36.3	28.1	20.5	14.2	9.5	4.7	0.0
70°	43.0	33.4	24.6	16.3	10.8	5.3	0.0
67.5°	51.2	38.5	28.6	19.2	12.1	6.0	0.0
65°	59.2	44.2	32.5	22.1	13.4	6.6	0.0
62.5°	66.9	50.4	36.3	24.8	14.6	7.2	0.0
60°	74.3	56.4	39.9	27.5	15.8	7.8	0.0
57.5°	82.7	62.1	44.3	30.1	17.5	8.4	0.0
55°	90.9	67.6	48.6	32.7	19.1	8.9	0.0
52.5°	98.6	73.0	52.7	35.1	20.7	9.5	0.0
50°	105.9	79.0	56.6	37.4	22.3	10.0	0.0
47.5°	112.9	84.5	60.3	39.7	23.8	10.5	0.0
45°	120.1	89.7	63.7	42.3	25.2	11.0	0.0
42.5°	126.8	94.5	67.0	44.8	26.5	11.4	0.0
40°	132.9	99.0	70.3	47.1	27.8	11.9	0.0
37.5°	138.3	103.0	73.6	49.3	29.0	12.3	0.0
35°	143.2	107.0	76.6	51.3	30.2	12.7	0.0
32.5°	147.9	110.7	79.3	53.3	31.2	13.0	0.0
30°	153.0	114.1	81.7	55.0	32.2	13.4	0.0
27.5°	157.3	116.9	84.0	56.6	33.2	13.7	0.0
25°	161.0	119.3	86.0	58.1	34.0	14.0	0.0
22.5°	164.0	121.4	87.8	59.4	34.8	14.2	0.0
20°	166.4	123.4	89.2	60.6	35.4	14.5	0.0
17.5°	168.5	125.2	90.4	61.6	36.0	14.7	0.0
15°	170.2	126.5	91.3	62.4	36.5	14.9	0.0
12.5°	171.2	127.5	91.9	63.1	37.0	15.0	0.0
10°	171.6	128.1	92.3	63.6	37.3	15.1	0.0
7.5°	171.5	128.4	92.4	63.9	37.6	15.2	0.0
5°	170.7	128.3	92.3	64.2	37.7	15.3	0.0
2.5°	169.4	127.8	92.0	64.2	37.8	15.3	0.0
0°	167.6	127.0	91.4	64.1	37.8	15.3	0.0
-2.5°	165.7	125.8	91.0	63.8	37.7	15.3	0.0
-5°	163.3	124.3	90.3	63.4	37.5	15.3	0.0
-7.5°	160.5	122.4	89.5	62.8	37.3	15.3	0.0
-10°	157.3	120.3	88.4	62.1	36.9	15.2	0.0
-12.5°	153.6	118.0	87.1	61.2	36.5	15.1	0.0
-15°	149.7	115.4	85.7	60.2	36.0	15.0	0.0
-17.5°	145.3	112.5	84.0	59.1	35.5	14.8	0.0
-20°	140.8	109.5	82.2	57.8	34.8	14.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	136.3	106.3	80.2	56.5	34.1	14.4	0.0
-25°	131.6	103.1	78.0	55.0	33.3	14.2	0.0
-27.5°	126.6	99.7	75.6	53.4	32.5	13.9	0.0
-30°	121.3	96.2	73.1	51.7	31.6	13.6	0.0
-32.5°	115.9	92.4	70.5	49.9	30.6	13.3	0.0
-35°	110.8	88.5	67.7	48.0	29.6	12.9	0.0
-37.5°	105.8	84.5	64.8	46.0	28.5	12.5	0.0
-40°	100.6	80.7	61.8	43.9	27.4	12.1	0.0
-42.5°	95.2	76.8	58.8	41.7	26.2	11.7	0.0
-45°	89.7	72.7	55.9	39.5	25.0	11.2	0.0
-47.5°	84.0	68.5	52.8	37.2	23.7	10.8	0.0
-50°	78.8	64.2	49.6	35.1	22.4	10.3	0.0
-52.5°	73.6	59.9	46.3	33.1	21.0	9.7	0.0
-55°	68.3	55.6	42.9	31.0	19.6	9.2	0.0
-57.5°	63.0	51.3	39.4	28.8	18.2	8.6	0.0
-60°	57.6	46.9	35.9	26.6	16.8	8.0	0.0
-62.5°	52.2	42.5	32.9	24.4	15.5	7.4	0.0
-65°	46.9	37.9	29.9	22.1	14.2	6.8	0.0
-67.5°	41.4	33.7	26.8	19.7	12.9	6.2	0.0
-70°	35.9	29.8	23.7	17.3	11.5	5.5	0.0
-72.5°	31.1	25.9	20.5	15.2	10.2	4.8	0.0
-75°	26.4	22.0	17.3	13.1	8.8	4.2	0.0
-77.5°	21.7	18.0	14.4	10.9	7.3	3.5	0.0
-80°	17.0	14.3	11.5	8.8	5.9	2.8	0.0
-82.5°	12.7	10.7	8.7	6.6	4.4	2.1	0.0
-85°	8.5	7.2	5.8	4.4	3.0	1.4	0.0
-87.5°	4.2	3.6	2.9	2.2	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)