

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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-935-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

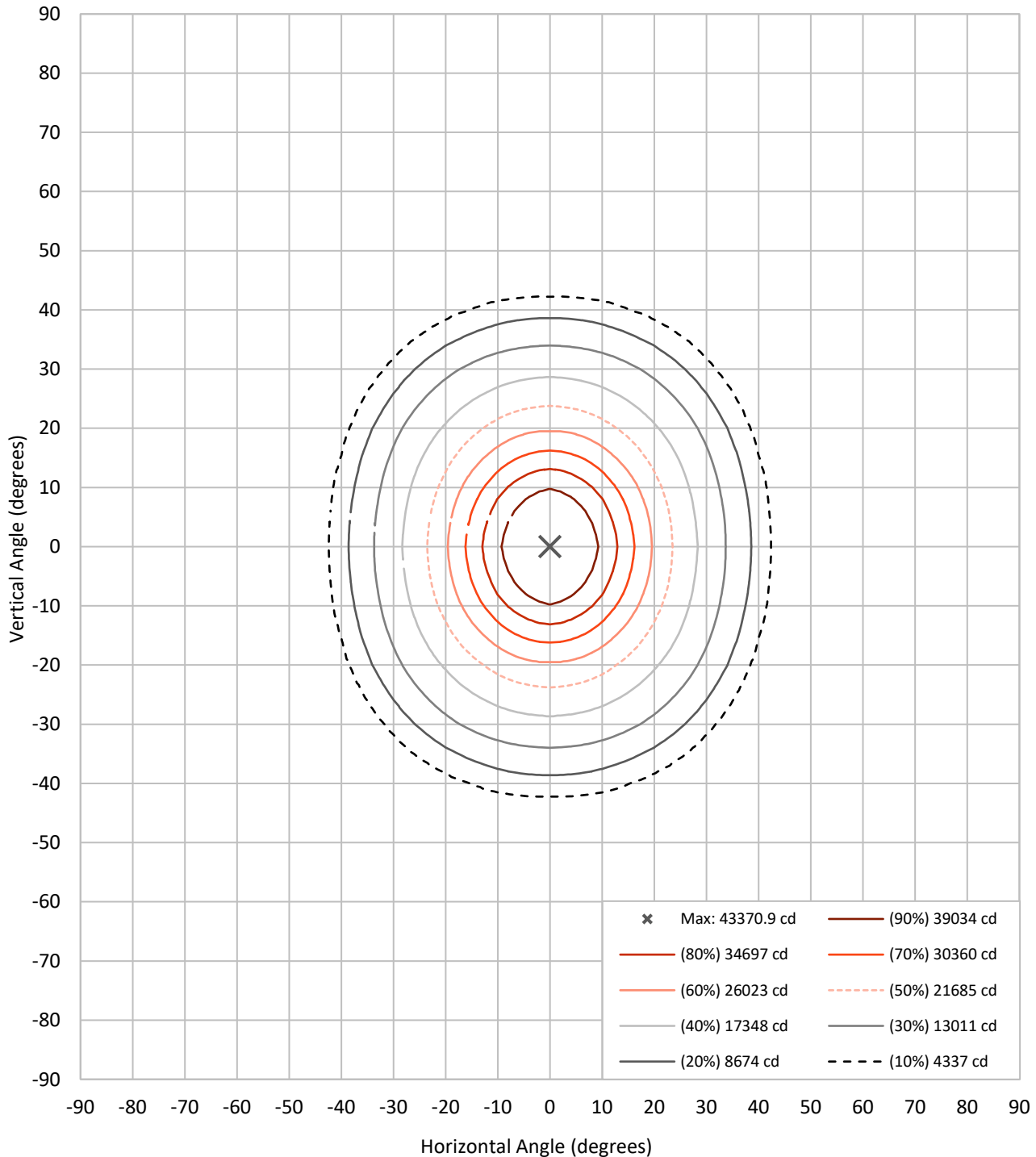
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	33761.8 lumens	Max Intensity:	43370.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	15931.1 lumens	Field Lumens:	30655.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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



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Iso-Candela Plot





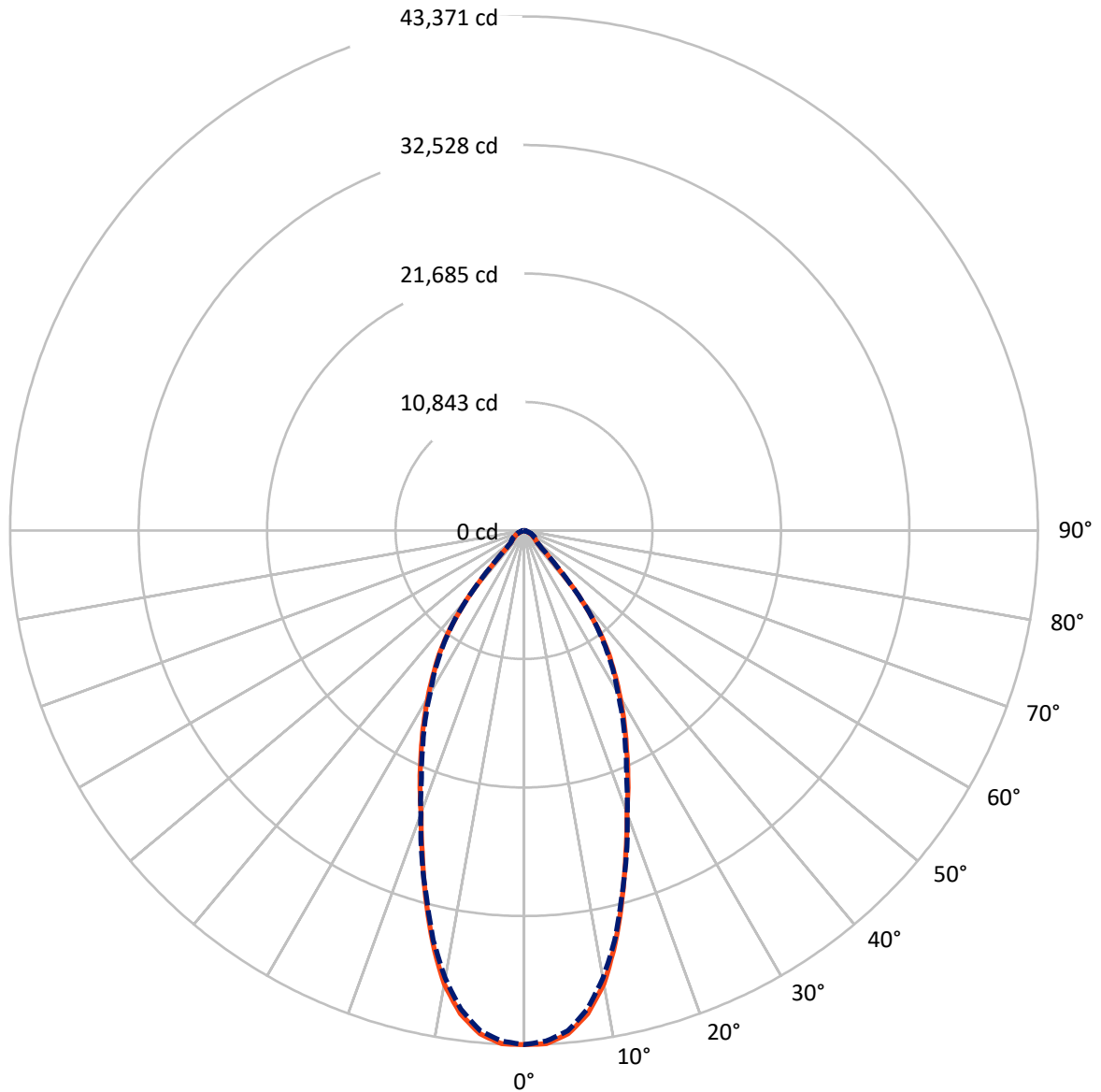
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Lumen Table

90																			
80	0.6	4.1		9.3		15.2		11.9		15.2		9.3		4.1		0.6			
70																			
60	2.4	2.7	4.9	7.6	10.8	13.5	15.5	16.7	16.7	15.5	13.5	10.8	7.6	4.9	2.7	2.4			
50		4.1	8.1	13.5	19.4	24.2	27.7	30.5	30.5	27.7	24.2	19.4	13.5	8.1	4.1				
40	3.6	5.4	11.3	19.0	27.6	37.9	60.0	84.0	84.0	60.0	37.9	27.6	19.0	11.3	5.4	3.6			
30		6.5	14.1	23.7	44.5	142.3	277.0	353.0	353.0	277.0	142.3	44.5	23.7	14.1	6.5				
20	4.0	7.6	16.5	29.7	130.1	339.9	501.6	607.3	607.3	501.6	339.9	130.1	29.7	16.5	7.6	4.0			
10		8.6	18.4	45.5	236.6	469.1	712.8	927.8	927.8	712.8	469.1	236.6	45.5	18.4	8.6				
0	4.1	9.1	19.9	62.7	288.2	547.4	896.6	1212.6	1212.6	896.6	547.4	288.2	62.7	19.9	9.1	4.1			
-10		9.1	19.9	62.7	288.2	547.4	896.6	1212.6	1212.6	896.6	547.4	288.2	62.7	19.9	9.1				
-20	4.0	8.6	18.4	45.5	236.6	469.1	712.8	927.8	927.8	712.8	469.1	236.6	45.5	18.4	8.6	4.0			
-30		7.6	16.5	29.7	130.1	339.9	501.6	607.3	607.3	501.6	339.9	130.1	29.7	16.5	7.6				
-40	3.6	6.5	14.1	23.7	44.5	142.3	277.0	353.0	353.0	277.0	142.3	44.5	23.7	14.1	6.5	3.6			
-50		5.4	11.3	19.0	27.6	37.9	60.0	84.0	84.0	60.0	37.9	27.6	19.0	11.3	5.4				
-60	2.4	4.1	8.1	13.5	19.4	24.2	27.7	30.5	30.5	27.7	24.2	19.4	13.5	8.1	4.1	2.4			
-70		2.7	4.9	7.6	10.8	13.5	15.5	16.7	16.7	15.5	13.5	10.8	7.6	4.9	2.7				
-80																			
-90	0.6	4.1		9.3		15.2		11.9		15.2		9.3		4.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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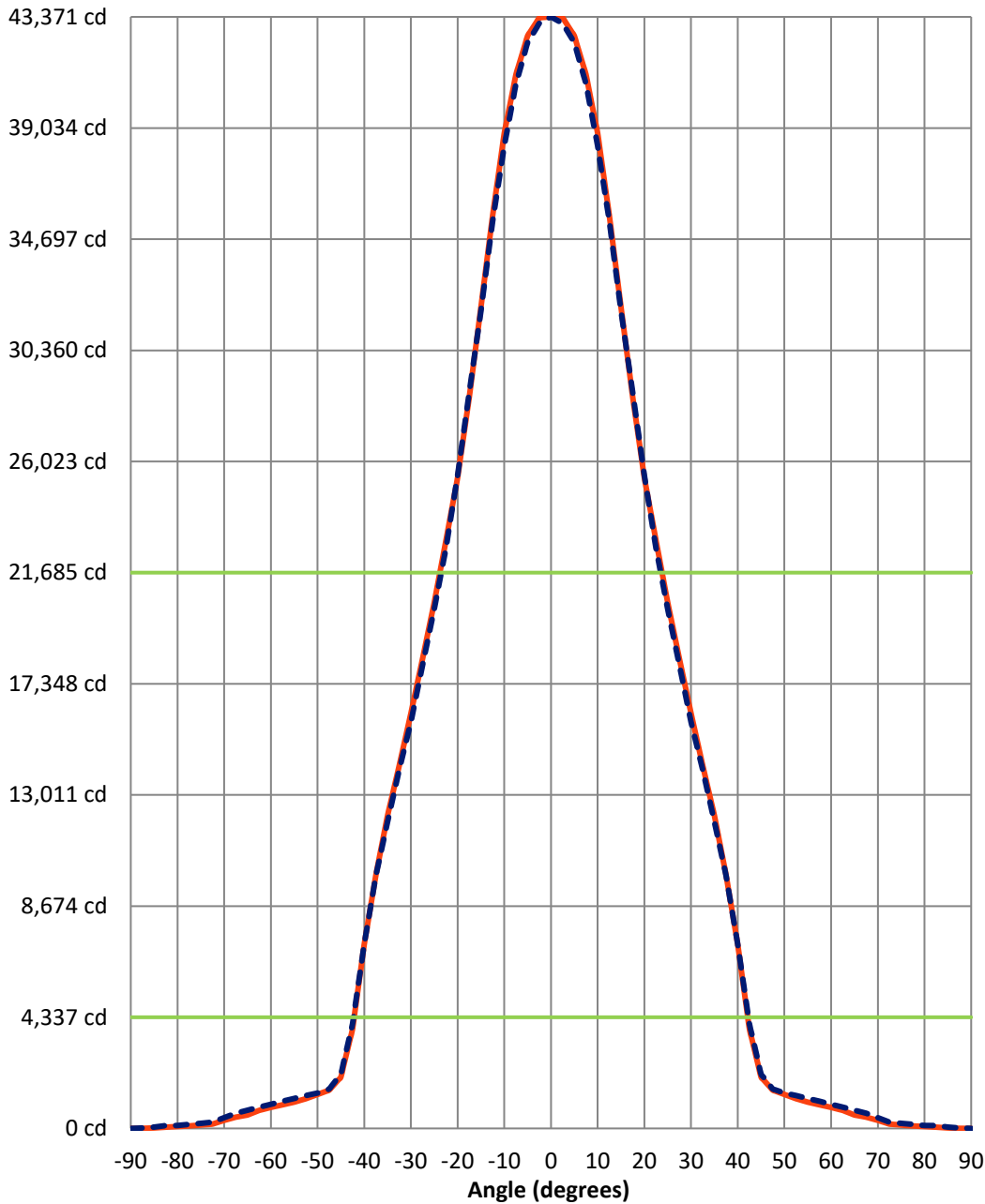
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 15931.1
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 30655.7
Efficiency: 90.8%

Spill:
Lumens: 3106.2
Efficiency: 9.2%

— 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	0.7	1.4	2.3	3.4	4.6	5.9	6.6	7.2	7.8	8.2
85°	0.0	1.4	2.8	4.7	6.8	9.1	11.8	13.2	14.5	15.6	16.5
82.5°	0.0	2.1	4.2	7.0	10.1	13.7	17.6	19.8	22.3	26.7	30.0
80°	0.0	2.8	5.7	9.3	13.4	18.1	24.3	32.2	38.5	43.3	46.7
77.5°	0.0	3.5	7.0	11.5	16.7	24.7	38.2	47.7	54.7	60.0	64.9
75°	0.0	4.2	8.4	13.8	20.8	35.3	51.7	63.1	71.5	80.5	87.4
72.5°	0.0	4.9	9.8	15.9	28.4	45.6	65.0	79.6	92.3	102.4	110.1
70°	0.0	5.6	11.1	18.6	35.9	55.6	78.2	99.0	113.2	124.7	142.6
67.5°	0.0	6.2	12.5	23.7	43.2	65.4	93.6	118.4	134.2	152.8	176.3
65°	0.0	6.9	13.8	28.6	50.2	75.8	108.5	137.8	156.2	179.7	208.0
62.5°	0.0	7.5	15.0	33.3	56.9	86.8	122.6	155.3	177.3	205.6	237.4
60°	0.0	8.1	16.3	37.9	63.4	97.3	136.0	171.4	197.2	231.9	266.3
57.5°	0.0	8.8	19.1	42.3	70.8	107.2	145.2	185.5	219.5	257.8	291.5
55°	0.0	9.3	21.9	46.4	77.9	116.5	152.9	195.9	242.1	282.2	314.8
52.5°	0.0	9.9	24.6	50.4	84.5	124.6	159.6	209.9	264.3	302.8	337.6
50°	0.0	10.5	27.2	54.1	90.6	128.6	165.1	223.1	284.8	323.0	362.9
47.5°	0.0	11.0	29.7	57.7	96.3	131.8	170.1	234.6	302.4	342.7	387.6
45°	0.0	11.5	32.1	61.6	101.5	134.2	178.4	244.4	311.3	364.0	411.4
42.5°	0.0	12.0	34.3	65.1	106.2	135.8	185.3	251.4	318.3	384.4	435.6
40°	0.0	12.5	36.4	68.9	108.7	136.5	191.0	256.0	324.4	402.5	459.1
37.5°	0.0	12.9	38.5	72.7	109.0	136.5	195.4	259.2	331.0	411.4	481.5
35°	0.0	13.4	40.3	76.5	108.9	138.2	198.5	261.0	336.6	424.5	503.1
32.5°	0.0	13.7	42.1	80.1	108.2	140.4	200.1	261.5	341.2	440.5	522.8
30°	0.0	14.1	43.7	83.6	107.2	141.7	200.0	261.5	344.6	459.1	542.2
27.5°	0.0	14.5	45.2	87.0	108.3	142.1	198.8	263.2	351.3	480.0	561.1
25°	0.0	14.8	46.5	90.3	109.6	141.6	196.6	263.9	365.5	497.5	579.8
22.5°	0.0	15.1	47.7	93.3	110.7	141.9	193.5	263.6	380.2	511.9	602.7
20°	0.0	15.3	48.8	96.2	111.5	145.6	189.4	262.2	395.2	525.4	623.5
17.5°	0.0	15.5	49.7	98.9	112.3	148.8	189.7	259.7	410.0	537.9	642.1
15°	0.0	15.7	50.5	101.4	112.8	151.6	192.5	258.9	424.2	549.3	658.4
12.5°	0.0	15.9	51.1	103.6	113.3	154.0	194.8	260.0	434.0	559.4	672.4
10°	0.0	16.1	51.6	105.6	113.6	156.0	196.5	259.4	438.0	567.8	684.3
7.5°	0.0	16.2	51.9	107.3	113.8	157.5	197.8	257.3	438.5	576.0	694.4
5°	0.0	16.2	52.1	108.8	113.9	158.6	198.5	253.9	435.5	583.3	701.9
2.5°	0.0	16.3	52.2	109.9	114.0	159.3	198.8	249.5	429.2	589.1	707.1
0°	0.0	16.3	52.1	110.7	114.0	159.5	198.6	244.2	420.0	592.6	709.8
-2.5°	0.0	16.3	52.2	109.9	114.0	159.3	198.8	249.5	429.2	589.1	707.1
-5°	0.0	16.2	52.1	108.8	113.9	158.6	198.5	253.9	435.5	583.3	701.9
-7.5°	0.0	16.2	51.9	107.3	113.8	157.5	197.8	257.3	438.5	576.0	694.4
-10°	0.0	16.1	51.6	105.6	113.6	156.0	196.5	259.4	438.0	567.8	684.3
-12.5°	0.0	15.9	51.1	103.6	113.3	154.0	194.8	260.0	434.0	559.4	672.4
-15°	0.0	15.7	50.5	101.4	112.8	151.6	192.5	258.9	424.2	549.3	658.4
-17.5°	0.0	15.5	49.7	98.9	112.3	148.8	189.7	259.7	410.0	537.9	642.1
-20°	0.0	15.3	48.8	96.2	111.5	145.6	189.4	262.2	395.2	525.4	623.5



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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	15.1	47.7	93.3	110.7	141.9	193.5	263.6	380.2	511.9	602.7
-25°	0.0	14.8	46.5	90.3	109.6	141.6	196.6	263.9	365.5	497.5	579.8
-27.5°	0.0	14.5	45.2	87.0	108.3	142.1	198.8	263.2	351.3	480.0	561.1
-30°	0.0	14.1	43.7	83.6	107.2	141.7	200.0	261.5	344.6	459.1	542.2
-32.5°	0.0	13.7	42.1	80.1	108.2	140.4	200.1	261.5	341.2	440.5	522.8
-35°	0.0	13.4	40.3	76.5	108.9	138.2	198.5	261.0	336.6	424.5	503.1
-37.5°	0.0	12.9	38.5	72.7	109.0	136.5	195.4	259.2	331.0	411.4	481.5
-40°	0.0	12.5	36.4	68.9	108.7	136.5	191.0	256.0	324.4	402.5	459.1
-42.5°	0.0	12.0	34.3	65.1	106.2	135.8	185.3	251.4	318.3	384.4	435.6
-45°	0.0	11.5	32.1	61.6	101.5	134.2	178.4	244.4	311.3	364.0	411.4
-47.5°	0.0	11.0	29.7	57.7	96.3	131.8	170.1	234.6	302.4	342.7	387.6
-50°	0.0	10.5	27.2	54.1	90.6	128.6	165.1	223.1	284.8	323.0	362.9
-52.5°	0.0	9.9	24.6	50.4	84.5	124.6	159.6	209.9	264.3	302.8	337.6
-55°	0.0	9.3	21.9	46.4	77.9	116.5	152.9	195.9	242.1	282.2	314.8
-57.5°	0.0	8.8	19.1	42.3	70.8	107.2	145.2	185.5	219.5	257.8	291.5
-60°	0.0	8.1	16.3	37.9	63.4	97.3	136.0	171.4	197.2	231.9	266.3
-62.5°	0.0	7.5	15.0	33.3	56.9	86.8	122.6	155.3	177.3	205.6	237.4
-65°	0.0	6.9	13.8	28.6	50.2	75.8	108.5	137.8	156.2	179.7	208.0
-67.5°	0.0	6.2	12.5	23.7	43.2	65.4	93.6	118.4	134.2	152.8	176.3
-70°	0.0	5.6	11.1	18.6	35.9	55.6	78.2	99.0	113.2	124.7	142.6
-72.5°	0.0	4.9	9.8	15.9	28.4	45.6	65.0	79.6	92.3	102.4	110.1
-75°	0.0	4.2	8.4	13.8	20.8	35.3	51.7	63.1	71.5	80.5	87.4
-77.5°	0.0	3.5	7.0	11.5	16.7	24.7	38.2	47.7	54.7	60.0	64.9
-80°	0.0	2.8	5.7	9.3	13.4	18.1	24.3	32.2	38.5	43.3	46.7
-82.5°	0.0	2.1	4.2	7.0	10.1	13.7	17.6	19.8	22.3	26.7	30.0
-85°	0.0	1.4	2.8	4.7	6.8	9.1	11.8	13.2	14.5	15.6	16.5
-87.5°	0.0	0.7	1.4	2.3	3.4	4.6	5.9	6.6	7.2	7.8	8.2
-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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 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-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°	8.3	8.1	7.9	7.5	6.9	6.3	5.5	4.6	4.8	5.0	5.2
85°	16.5	16.3	17.6	18.8	19.2	19.1	18.5	17.4	20.0	22.9	26.0
82.5°	32.9	35.8	38.6	41.2	41.3	40.4	38.9	37.4	43.0	50.1	57.6
80°	50.9	55.3	61.7	68.2	70.0	69.4	67.2	63.6	71.5	83.0	96.1
77.5°	72.9	81.7	90.6	99.6	101.8	100.0	95.7	89.0	99.0	117.7	138.5
75°	96.8	108.0	122.1	133.2	135.6	131.7	125.1	119.3	131.5	154.8	177.0
72.5°	126.4	144.7	158.7	168.5	169.2	165.6	162.4	159.4	173.0	200.5	223.4
70°	164.2	182.5	193.4	199.4	200.7	202.9	212.2	220.9	234.5	258.0	276.8
67.5°	201.6	216.2	226.0	233.1	247.1	260.4	273.2	286.3	301.4	321.5	335.7
65°	235.0	249.9	262.9	279.7	300.2	316.3	333.4	351.9	372.8	391.6	405.3
62.5°	268.0	284.0	302.2	324.4	348.2	369.8	395.0	420.7	445.5	466.9	490.2
60°	295.1	316.5	340.8	367.7	396.2	429.2	459.4	489.1	516.3	543.0	575.8
57.5°	320.8	349.9	379.6	411.8	449.3	489.4	524.9	557.5	591.6	630.2	662.4
55°	347.9	384.4	418.6	457.5	502.1	550.5	589.4	626.0	668.1	714.5	750.7
52.5°	377.2	417.5	457.6	504.3	558.2	606.3	646.9	692.7	743.8	794.1	836.0
50°	405.5	450.0	496.5	555.9	609.4	655.3	705.7	761.0	814.3	866.0	915.5
47.5°	434.1	481.6	543.5	604.2	654.2	708.0	766.9	823.7	879.7	933.6	985.4
45°	462.0	518.5	587.2	644.8	700.5	762.3	823.0	882.6	941.5	998.9	1055.5
42.5°	489.0	554.7	623.8	684.2	748.2	812.8	876.3	939.3	1001.6	1063.0	1123.3
40°	518.5	587.7	660.4	726.3	793.1	860.4	927.3	993.9	1059.6	1124.6	1188.6
37.5°	545.7	621.9	697.7	766.6	835.3	905.8	976.0	1046.5	1115.7	1183.5	1256.5
35°	570.1	656.4	732.9	805.2	877.3	948.7	1023.1	1097.2	1170.1	1243.6	1336.7
32.5°	597.4	691.3	766.2	842.5	917.1	990.7	1067.9	1146.3	1223.9	1309.8	1443.6
30°	628.2	720.3	797.8	878.0	954.4	1031.8	1111.5	1193.4	1275.0	1408.7	1717.6
27.5°	658.2	747.0	828.6	910.6	989.3	1069.6	1153.2	1237.9	1351.8	1557.2	2058.4
25°	685.9	772.8	857.4	940.4	1021.7	1105.0	1191.4	1279.4	1434.0	1849.0	2956.2
22.5°	709.4	797.5	885.6	967.7	1051.0	1137.1	1226.8	1343.8	1582.6	2143.5	3955.0
20°	729.3	821.1	911.1	996.5	1078.4	1165.6	1259.0	1405.1	1808.3	2984.3	5152.1
17.5°	747.8	842.6	934.6	1023.9	1109.9	1195.4	1291.3	1458.0	2011.5	3715.0	6355.7
15°	764.9	861.7	956.5	1049.6	1138.6	1227.6	1342.1	1608.2	2422.6	4440.5	7427.8
12.5°	780.2	878.6	976.5	1073.3	1164.4	1256.4	1387.8	1757.5	2926.0	5291.6	8159.5
10°	793.6	893.1	994.3	1095.0	1187.2	1281.6	1426.4	1880.2	3340.0	5991.6	8747.6
7.5°	806.1	907.0	1010.9	1114.1	1206.8	1303.3	1458.0	1975.8	3659.7	6518.8	9216.8
5°	816.6	920.7	1030.4	1135.1	1231.4	1326.9	1485.0	2044.6	3884.3	6874.0	9558.5
2.5°	824.7	932.1	1047.4	1153.6	1258.7	1355.6	1515.9	2095.4	4029.2	7100.3	9777.1
0°	830.3	941.0	1061.5	1168.9	1282.9	1380.6	1540.1	2119.7	4083.1	7182.9	9859.4
-2.5°	824.7	932.1	1047.4	1153.6	1258.7	1355.6	1515.9	2095.4	4029.2	7100.3	9777.1
-5°	816.6	920.7	1030.4	1135.1	1231.4	1326.9	1485.0	2044.6	3884.3	6874.0	9558.5
-7.5°	806.1	907.0	1010.9	1114.1	1206.8	1303.3	1458.0	1975.8	3659.7	6518.8	9216.8
-10°	793.6	893.1	994.3	1095.0	1187.2	1281.6	1426.4	1880.2	3340.0	5991.6	8747.6
-12.5°	780.2	878.6	976.5	1073.3	1164.4	1256.4	1387.8	1757.5	2926.0	5291.6	8159.5
-15°	764.9	861.7	956.5	1049.6	1138.6	1227.6	1342.1	1608.2	2422.6	4440.5	7427.8
-17.5°	747.8	842.6	934.6	1023.9	1109.9	1195.4	1291.3	1458.0	2011.5	3715.0	6355.7
-20°	729.3	821.1	911.1	996.5	1078.4	1165.6	1259.0	1405.1	1808.3	2984.3	5152.1



REPORT NUMBER: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	709.4	797.5	885.6	967.7	1051.0	1137.1	1226.8	1343.8	1582.6	2143.5	3955.0
-25°	685.9	772.8	857.4	940.4	1021.7	1105.0	1191.4	1279.4	1434.0	1849.0	2956.2
-27.5°	658.2	747.0	828.6	910.6	989.3	1069.6	1153.2	1237.9	1351.8	1557.2	2058.4
-30°	628.2	720.3	797.8	878.0	954.4	1031.8	1111.5	1193.4	1275.0	1408.7	1717.6
-32.5°	597.4	691.3	766.2	842.5	917.1	990.7	1067.9	1146.3	1223.9	1309.8	1443.6
-35°	570.1	656.4	732.9	805.2	877.3	948.7	1023.1	1097.2	1170.1	1243.6	1336.7
-37.5°	545.7	621.9	697.7	766.6	835.3	905.8	976.0	1046.5	1115.7	1183.5	1256.5
-40°	518.5	587.7	660.4	726.3	793.1	860.4	927.3	993.9	1059.6	1124.6	1188.6
-42.5°	489.0	554.7	623.8	684.2	748.2	812.8	876.3	939.3	1001.6	1063.0	1123.3
-45°	462.0	518.5	587.2	644.8	700.5	762.3	823.0	882.6	941.5	998.9	1055.5
-47.5°	434.1	481.6	543.5	604.2	654.2	708.0	766.9	823.7	879.7	933.6	985.4
-50°	405.5	450.0	496.5	555.9	609.4	655.3	705.7	761.0	814.3	866.0	915.5
-52.5°	377.2	417.5	457.6	504.3	558.2	606.3	646.9	692.7	743.8	794.1	836.0
-55°	347.9	384.4	418.6	457.5	502.1	550.5	589.4	626.0	668.1	714.5	750.7
-57.5°	320.8	349.9	379.6	411.8	449.3	489.4	524.9	557.5	591.6	630.2	662.4
-60°	295.1	316.5	340.8	367.7	396.2	429.2	459.4	489.1	516.3	543.0	575.8
-62.5°	268.0	284.0	302.2	324.4	348.2	369.8	395.0	420.7	445.5	466.9	490.2
-65°	235.0	249.9	262.9	279.7	300.2	316.3	333.4	351.9	372.8	391.6	405.3
-67.5°	201.6	216.2	226.0	233.1	247.1	260.4	273.2	286.3	301.4	321.5	335.7
-70°	164.2	182.5	193.4	199.4	200.7	202.9	212.2	220.9	234.5	258.0	276.8
-72.5°	126.4	144.7	158.7	168.5	169.2	165.6	162.4	159.4	173.0	200.5	223.4
-75°	96.8	108.0	122.1	133.2	135.6	131.7	125.1	119.3	131.5	154.8	177.0
-77.5°	72.9	81.7	90.6	99.6	101.8	100.0	95.7	89.0	99.0	117.7	138.5
-80°	50.9	55.3	61.7	68.2	70.0	69.4	67.2	63.6	71.5	83.0	96.1
-82.5°	32.9	35.8	38.6	41.2	41.3	40.4	38.9	37.4	43.0	50.1	57.6
-85°	16.5	16.3	17.6	18.8	19.2	19.1	18.5	17.4	20.0	22.9	26.0
-87.5°	8.3	8.1	7.9	7.5	6.9	6.3	5.5	4.6	4.8	5.0	5.2
-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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.6	4.8
85°	29.3	28.4	26.8	24.8	22.4	23.7	25.1	26.4	27.7	25.9	23.8
82.5°	65.6	66.5	66.5	66.3	66.0	68.9	71.6	74.0	76.0	70.3	63.5
80°	110.6	115.9	119.0	121.8	124.3	124.3	122.7	119.8	115.7	105.8	94.9
77.5°	159.9	168.2	172.3	176.6	180.8	182.3	183.3	184.4	185.5	168.3	146.4
75°	198.4	210.7	217.8	224.5	230.6	234.2	236.1	237.3	237.9	217.1	190.4
72.5°	241.9	254.1	262.6	270.9	278.5	283.5	286.4	288.6	290.1	272.0	246.5
70°	290.0	299.6	309.8	320.0	329.4	335.8	340.1	343.5	346.0	344.3	342.9
67.5°	346.9	355.3	367.7	377.4	387.3	394.3	401.6	407.4	411.8	416.6	422.0
65°	418.2	438.2	456.5	465.8	467.1	477.2	493.7	504.4	509.7	514.0	519.3
62.5°	517.2	541.7	554.8	570.3	590.4	609.0	616.2	625.9	637.3	651.2	667.1
60°	602.3	622.5	643.3	664.8	683.3	698.7	715.5	732.2	747.3	761.2	774.8
57.5°	689.2	711.3	732.5	757.7	775.3	785.7	802.1	822.0	837.4	849.4	867.6
55°	779.3	807.8	836.7	859.4	876.0	887.0	899.3	918.6	930.0	934.4	955.5
52.5°	869.8	903.6	939.2	965.8	983.5	999.9	1015.1	1032.0	1043.6	1049.2	1069.8
50°	953.7	993.9	1033.6	1068.4	1091.8	1119.1	1149.9	1165.2	1175.1	1186.0	1209.1
47.5°	1033.5	1078.5	1121.0	1160.2	1194.1	1224.7	1251.3	1276.9	1314.6	1344.6	1374.3
45°	1110.2	1158.2	1204.3	1248.3	1286.1	1346.1	1403.2	1451.8	1581.7	1690.9	1774.2
42.5°	1182.4	1240.5	1292.3	1365.7	1445.5	1584.0	1797.8	1995.9	2379.2	2872.7	3284.8
40°	1257.8	1333.0	1425.8	1568.7	1839.0	2116.9	2947.9	3688.3	4416.5	5244.8	5954.5
37.5°	1345.8	1458.9	1731.0	2053.9	2920.7	3879.5	5057.2	6213.1	7219.6	8080.9	8800.0
35°	1462.1	1811.8	2320.2	3496.7	4777.4	6349.5	7706.8	8793.9	9788.2	10586.2	11186.9
32.5°	1805.2	2445.1	3788.1	5406.2	7167.7	8686.5	10008.4	11049.4	11956.4	12671.6	13228.5
30°	2307.5	3778.2	5602.1	7540.0	9294.6	10744.8	11966.2	12958.4	13768.1	14495.8	15106.8
27.5°	3501.2	5393.6	7537.4	9514.0	11110.0	12467.6	13563.4	14546.2	15438.9	16205.2	16927.6
25°	4807.4	7150.1	9312.4	11111.4	12600.8	13874.6	15030.3	16105.3	17104.7	18001.6	18841.9
22.5°	6376.1	8712.5	10779.1	12444.0	13887.4	15195.9	16423.3	17619.8	18783.2	19877.7	20894.3
20°	7796.4	10089.4	11891.5	13554.3	15053.8	16417.3	17770.1	19164.6	20507.2	21825.6	23049.7
17.5°	8903.2	11036.4	12845.5	14531.0	16057.3	17601.5	19149.7	20751.4	22370.7	23901.7	25366.1
15°	9827.4	11826.4	13659.7	15345.0	17023.2	18726.9	20456.6	22343.4	24269.6	26102.1	27968.7
12.5°	10482.5	12485.5	14344.2	16035.2	17916.7	19766.2	21779.6	23930.0	26154.5	28289.2	30581.9
10°	11009.3	13011.4	14854.5	16677.8	18669.0	20719.7	22977.9	25346.4	28001.0	30528.6	32998.9
7.5°	11461.2	13450.1	15264.5	17201.8	19294.9	21548.9	24004.9	26682.8	29555.4	32368.0	35308.5
5°	11791.8	13749.2	15583.1	17631.4	19776.1	22154.7	24797.1	27658.4	30739.3	33821.0	36728.9
2.5°	11966.8	13919.7	15781.1	17897.9	20058.3	22521.8	25273.7	28306.6	31560.8	34923.3	37790.5
0°	11962.8	13991.3	15857.1	18077.7	20265.8	22633.0	25478.8	28721.8	31896.5	35390.2	38333.7
-2.5°	11966.8	13919.7	15781.1	17897.9	20058.3	22521.8	25273.7	28306.6	31560.8	34923.3	37790.5
-5°	11791.8	13749.2	15583.1	17631.4	19776.1	22154.7	24797.1	27658.4	30739.3	33821.0	36728.9
-7.5°	11461.2	13450.1	15264.5	17201.8	19294.9	21548.9	24004.9	26682.8	29555.4	32368.0	35308.5
-10°	11009.3	13011.4	14854.5	16677.8	18669.0	20719.7	22977.9	25346.4	28001.0	30528.6	32998.9
-12.5°	10482.5	12485.5	14344.2	16035.2	17916.7	19766.2	21779.6	23930.0	26154.5	28289.2	30581.9
-15°	9827.4	11826.4	13659.7	15345.0	17023.2	18726.9	20456.6	22343.4	24269.6	26102.1	27968.7
-17.5°	8903.2	11036.4	12845.5	14531.0	16057.3	17601.5	19149.7	20751.4	22370.7	23901.7	25366.1
-20°	7796.4	10089.4	11891.5	13554.3	15053.8	16417.3	17770.1	19164.6	20507.2	21825.6	23049.7



REPORT NUMBER: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6376.1	8712.5	10779.1	12444.0	13887.4	15195.9	16423.3	17619.8	18783.2	19877.7	20894.3
-25°	4807.4	7150.1	9312.4	11111.4	12600.8	13874.6	15030.3	16105.3	17104.7	18001.6	18841.9
-27.5°	3501.2	5393.6	7537.4	9514.0	11110.0	12467.6	13563.4	14546.2	15438.9	16205.2	16927.6
-30°	2307.5	3778.2	5602.1	7540.0	9294.6	10744.8	11966.2	12958.4	13768.1	14495.8	15106.8
-32.5°	1805.2	2445.1	3788.1	5406.2	7167.7	8686.5	10008.4	11049.4	11956.4	12671.6	13228.5
-35°	1462.1	1811.8	2320.2	3496.7	4777.4	6349.5	7706.8	8793.9	9788.2	10586.2	11186.9
-37.5°	1345.8	1458.9	1731.0	2053.9	2920.7	3879.5	5057.2	6213.1	7219.6	8080.9	8800.0
-40°	1257.8	1333.0	1425.8	1568.7	1839.0	2116.9	2947.9	3688.3	4416.5	5244.8	5954.5
-42.5°	1182.4	1240.5	1292.3	1365.7	1445.5	1584.0	1797.8	1995.9	2379.2	2872.7	3284.8
-45°	1110.2	1158.2	1204.3	1248.3	1286.1	1346.1	1403.2	1451.8	1581.7	1690.9	1774.2
-47.5°	1033.5	1078.5	1121.0	1160.2	1194.1	1224.7	1251.3	1276.9	1314.6	1344.6	1374.3
-50°	953.7	993.9	1033.6	1068.4	1091.8	1119.1	1149.9	1165.2	1175.1	1186.0	1209.1
-52.5°	869.8	903.6	939.2	965.8	983.5	999.9	1015.1	1032.0	1043.6	1049.2	1069.8
-55°	779.3	807.8	836.7	859.4	876.0	887.0	899.3	918.6	930.0	934.4	955.5
-57.5°	689.2	711.3	732.5	757.7	775.3	785.7	802.1	822.0	837.4	849.4	867.6
-60°	602.3	622.5	643.3	664.8	683.3	698.7	715.5	732.2	747.3	761.2	774.8
-62.5°	517.2	541.7	554.8	570.3	590.4	609.0	616.2	625.9	637.3	651.2	667.1
-65°	418.2	438.2	456.5	465.8	467.1	477.2	493.7	504.4	509.7	514.0	519.3
-67.5°	346.9	355.3	367.7	377.4	387.3	394.3	401.6	407.4	411.8	416.6	422.0
-70°	290.0	299.6	309.8	320.0	329.4	335.8	340.1	343.5	346.0	344.3	342.9
-72.5°	241.9	254.1	262.6	270.9	278.5	283.5	286.4	288.6	290.1	272.0	246.5
-75°	198.4	210.7	217.8	224.5	230.6	234.2	236.1	237.3	237.9	217.1	190.4
-77.5°	159.9	168.2	172.3	176.6	180.8	182.3	183.3	184.4	185.5	168.3	146.4
-80°	110.6	115.9	119.0	121.8	124.3	124.3	122.7	119.8	115.7	105.8	94.9
-82.5°	65.6	66.5	66.5	66.3	66.0	68.9	71.6	74.0	76.0	70.3	63.5
-85°	29.3	28.4	26.8	24.8	22.4	23.7	25.1	26.4	27.7	25.9	23.8
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.6	4.8
-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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-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°	4.1	3.3	3.3	3.3	3.3	3.3	4.1	4.8	5.6	6.3	6.2
85°	21.7	19.4	19.5	19.5	19.5	19.4	21.7	23.8	25.9	27.7	26.4
82.5°	56.3	48.6	48.7	48.8	48.7	48.6	56.3	63.5	70.3	76.0	74.0
80°	83.4	71.6	73.1	74.9	73.1	71.6	83.4	94.9	105.8	115.7	119.8
77.5°	123.0	98.4	97.6	97.7	97.6	98.4	123.0	146.4	168.3	185.5	184.4
75°	162.9	134.7	133.3	133.5	133.3	134.7	162.9	190.4	217.1	237.9	237.3
72.5°	220.2	193.2	180.9	169.3	180.9	193.2	220.2	246.5	272.0	290.1	288.6
70°	343.2	344.0	331.9	315.8	331.9	344.0	343.2	342.9	344.3	346.0	343.5
67.5°	426.6	430.1	435.2	439.6	435.2	430.1	426.6	422.0	416.6	411.8	407.4
65°	521.7	521.5	523.3	524.2	523.3	521.5	521.7	519.3	514.0	509.7	504.4
62.5°	680.8	691.8	699.5	703.3	699.5	691.8	680.8	667.1	651.2	637.3	625.9
60°	786.2	795.2	807.9	820.5	807.9	795.2	786.2	774.8	761.2	747.3	732.2
57.5°	884.6	899.8	912.3	921.5	912.3	899.8	884.6	867.6	849.4	837.4	822.0
55°	975.5	993.3	1010.3	1025.7	1010.3	993.3	975.5	955.5	934.4	930.0	918.6
52.5°	1089.7	1104.3	1128.5	1159.2	1128.5	1104.3	1089.7	1069.8	1049.2	1043.6	1032.0
50°	1235.6	1257.6	1288.2	1325.2	1288.2	1257.6	1235.6	1209.1	1186.0	1175.1	1165.2
47.5°	1404.2	1426.4	1455.8	1494.5	1455.8	1426.4	1404.2	1374.3	1344.6	1314.6	1276.9
45°	1850.4	1902.5	1950.1	2002.5	1950.1	1902.5	1850.4	1774.2	1690.9	1581.7	1451.8
42.5°	3615.1	3843.5	3942.1	3884.5	3942.1	3843.5	3615.1	3284.8	2872.7	2379.2	1995.9
40°	6495.7	6875.3	7098.7	7176.4	7098.7	6875.3	6495.7	5954.5	5244.8	4416.5	3688.3
37.5°	9325.2	9674.6	9863.1	9885.4	9863.1	9674.6	9325.2	8800.0	8080.9	7219.6	6213.1
35°	11620.5	11908.3	12078.9	12207.0	12078.9	11908.3	11620.5	11186.9	10586.2	9788.2	8793.9
32.5°	13681.9	14009.9	14199.5	14157.4	14199.5	14009.9	13681.9	13228.5	12671.6	11956.4	11049.4
30°	15607.6	15966.4	16189.2	16195.7	16189.2	15966.4	15607.6	15106.8	14495.8	13768.1	12958.4
27.5°	17511.5	17914.2	18146.5	18328.4	18146.5	17914.2	17511.5	16927.6	16205.2	15438.9	14546.2
25°	19542.5	20044.5	20342.6	20523.0	20342.6	20044.5	19542.5	18841.9	18001.6	17104.7	16105.3
22.5°	21732.4	22354.2	22762.8	22932.5	22762.8	22354.2	21732.4	20894.3	19877.7	18783.2	17619.8
20°	24114.4	24884.9	25406.6	25390.8	25406.6	24884.9	24114.4	23049.7	21825.6	20507.2	19164.6
17.5°	26772.3	27766.2	28438.9	28536.2	28438.9	27766.2	26772.3	25366.1	23901.7	22370.7	20751.4
15°	29621.8	30903.3	31773.3	32043.0	31773.3	30903.3	29621.8	27968.7	26102.1	24269.6	22343.4
12.5°	32541.8	34066.1	35226.0	35611.7	35226.0	34066.1	32541.8	30581.9	28289.2	26154.5	23930.0
10°	35324.1	37012.4	38271.4	38828.7	38271.4	37012.4	35324.1	32998.9	30528.6	28001.0	25346.4
7.5°	37649.8	39365.4	40662.1	41120.9	40662.1	39365.4	37649.8	35308.5	32368.0	29555.4	26682.8
5°	39182.2	41056.4	42064.7	42631.7	42064.7	41056.4	39182.2	36728.9	33821.0	30739.3	27658.4
2.5°	40205.9	41795.2	42816.4	43338.3	42816.4	41795.2	40205.9	37790.5	34923.3	31560.8	28306.6
0°	40749.7	42368.0	43116.9	43370.9	43116.9	42368.0	40749.7	38333.7	35390.2	31896.5	28721.8
-2.5°	40205.9	41795.2	42816.4	43338.3	42816.4	41795.2	40205.9	37790.5	34923.3	31560.8	28306.6
-5°	39182.2	41056.4	42064.7	42631.7	42064.7	41056.4	39182.2	36728.9	33821.0	30739.3	27658.4
-7.5°	37649.8	39365.4	40662.1	41120.9	40662.1	39365.4	37649.8	35308.5	32368.0	29555.4	26682.8
-10°	35324.1	37012.4	38271.4	38828.7	38271.4	37012.4	35324.1	32998.9	30528.6	28001.0	25346.4
-12.5°	32541.8	34066.1	35226.0	35611.7	35226.0	34066.1	32541.8	30581.9	28289.2	26154.5	23930.0
-15°	29621.8	30903.3	31773.3	32043.0	31773.3	30903.3	29621.8	27968.7	26102.1	24269.6	22343.4
-17.5°	26772.3	27766.2	28438.9	28536.2	28438.9	27766.2	26772.3	25366.1	23901.7	22370.7	20751.4
-20°	24114.4	24884.9	25406.6	25390.8	25406.6	24884.9	24114.4	23049.7	21825.6	20507.2	19164.6



REPORT NUMBER: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21732.4	22354.2	22762.8	22932.5	22762.8	22354.2	21732.4	20894.3	19877.7	18783.2	17619.8
-25°	19542.5	20044.5	20342.6	20523.0	20342.6	20044.5	19542.5	18841.9	18001.6	17104.7	16105.3
-27.5°	17511.5	17914.2	18146.5	18328.4	18146.5	17914.2	17511.5	16927.6	16205.2	15438.9	14546.2
-30°	15607.6	15966.4	16189.2	16195.7	16189.2	15966.4	15607.6	15106.8	14495.8	13768.1	12958.4
-32.5°	13681.9	14009.9	14199.5	14157.4	14199.5	14009.9	13681.9	13228.5	12671.6	11956.4	11049.4
-35°	11620.5	11908.3	12078.9	12207.0	12078.9	11908.3	11620.5	11186.9	10586.2	9788.2	8793.9
-37.5°	9325.2	9674.6	9863.1	9885.4	9863.1	9674.6	9325.2	8800.0	8080.9	7219.6	6213.1
-40°	6495.7	6875.3	7098.7	7176.4	7098.7	6875.3	6495.7	5954.5	5244.8	4416.5	3688.3
-42.5°	3615.1	3843.5	3942.1	3884.5	3942.1	3843.5	3615.1	3284.8	2872.7	2379.2	1995.9
-45°	1850.4	1902.5	1950.1	2002.5	1950.1	1902.5	1850.4	1774.2	1690.9	1581.7	1451.8
-47.5°	1404.2	1426.4	1455.8	1494.5	1455.8	1426.4	1404.2	1374.3	1344.6	1314.6	1276.9
-50°	1235.6	1257.6	1288.2	1325.2	1288.2	1257.6	1235.6	1209.1	1186.0	1175.1	1165.2
-52.5°	1089.7	1104.3	1128.5	1159.2	1128.5	1104.3	1089.7	1069.8	1049.2	1043.6	1032.0
-55°	975.5	993.3	1010.3	1025.7	1010.3	993.3	975.5	955.5	934.4	930.0	918.6
-57.5°	884.6	899.8	912.3	921.5	912.3	899.8	884.6	867.6	849.4	837.4	822.0
-60°	786.2	795.2	807.9	820.5	807.9	795.2	786.2	774.8	761.2	747.3	732.2
-62.5°	680.8	691.8	699.5	703.3	699.5	691.8	680.8	667.1	651.2	637.3	625.9
-65°	521.7	521.5	523.3	524.2	523.3	521.5	521.7	519.3	514.0	509.7	504.4
-67.5°	426.6	430.1	435.2	439.6	435.2	430.1	426.6	422.0	416.6	411.8	407.4
-70°	343.2	344.0	331.9	315.8	331.9	344.0	343.2	342.9	344.3	346.0	343.5
-72.5°	220.2	193.2	180.9	169.3	180.9	193.2	220.2	246.5	272.0	290.1	288.6
-75°	162.9	134.7	133.3	133.5	133.3	134.7	162.9	190.4	217.1	237.9	237.3
-77.5°	123.0	98.4	97.6	97.7	97.6	98.4	123.0	146.4	168.3	185.5	184.4
-80°	83.4	71.6	73.1	74.9	73.1	71.6	83.4	94.9	105.8	115.7	119.8
-82.5°	56.3	48.6	48.7	48.8	48.7	48.6	56.3	63.5	70.3	76.0	74.0
-85°	21.7	19.4	19.5	19.5	19.5	19.4	21.7	23.8	25.9	27.7	26.4
-87.5°	4.1	3.3	3.3	3.3	3.3	3.3	4.1	4.8	5.6	6.3	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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-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°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	25.1	23.7	22.4	24.8	26.8	28.4	29.3	26.0	22.9	20.0	17.4
82.5°	71.6	68.9	66.0	66.3	66.5	66.5	65.6	57.6	50.1	43.0	37.4
80°	122.7	124.3	124.3	121.8	119.0	115.9	110.6	96.1	83.0	71.5	63.6
77.5°	183.3	182.3	180.8	176.6	172.3	168.2	159.9	138.5	117.7	99.0	89.0
75°	236.1	234.2	230.6	224.5	217.8	210.7	198.4	177.0	154.8	131.5	119.3
72.5°	286.4	283.5	278.5	270.9	262.6	254.1	241.9	223.4	200.5	173.0	159.4
70°	340.1	335.8	329.4	320.0	309.8	299.6	290.0	276.8	258.0	234.5	220.9
67.5°	401.6	394.3	387.3	377.4	367.7	355.3	346.9	335.7	321.5	301.4	286.3
65°	493.7	477.2	467.1	465.8	456.5	438.2	418.2	405.3	391.6	372.8	351.9
62.5°	616.2	609.0	590.4	570.3	554.8	541.7	517.2	490.2	466.9	445.5	420.7
60°	715.5	698.7	683.3	664.8	643.3	622.5	602.3	575.8	543.0	516.3	489.1
57.5°	802.1	785.7	775.3	757.7	732.5	711.3	689.2	662.4	630.2	591.6	557.5
55°	899.3	887.0	876.0	859.4	836.7	807.8	779.3	750.7	714.5	668.1	626.0
52.5°	1015.1	999.9	983.5	965.8	939.2	903.6	869.8	836.0	794.1	743.8	692.7
50°	1149.9	1119.1	1091.8	1068.4	1033.6	993.9	953.7	915.5	866.0	814.3	761.0
47.5°	1251.3	1224.7	1194.1	1160.2	1121.0	1078.5	1033.5	985.4	933.6	879.7	823.7
45°	1403.2	1346.1	1286.1	1248.3	1204.3	1158.2	1110.2	1055.5	998.9	941.5	882.6
42.5°	1797.8	1584.0	1445.5	1365.7	1292.3	1240.5	1182.4	1123.3	1063.0	1001.6	939.3
40°	2947.9	2116.9	1839.0	1568.7	1425.8	1333.0	1257.8	1188.6	1124.6	1059.6	993.9
37.5°	5057.2	3879.5	2920.7	2053.9	1731.0	1458.9	1345.8	1256.5	1183.5	1115.7	1046.5
35°	7706.8	6349.5	4777.4	3496.7	2320.2	1811.8	1462.1	1336.7	1243.6	1170.1	1097.2
32.5°	10008.4	8686.5	7167.7	5406.2	3788.1	2445.1	1805.2	1443.6	1309.8	1223.9	1146.3
30°	11966.2	10744.8	9294.6	7540.0	5602.1	3778.2	2307.5	1717.6	1408.7	1275.0	1193.4
27.5°	13563.4	12467.6	11110.0	9514.0	7537.4	5393.6	3501.2	2058.4	1557.2	1351.8	1237.9
25°	15030.3	13874.6	12600.8	11111.4	9312.4	7150.1	4807.4	2956.2	1849.0	1434.0	1279.4
22.5°	16423.3	15195.9	13887.4	12444.0	10779.1	8712.5	6376.1	3955.0	2143.5	1582.6	1343.8
20°	17770.1	16417.3	15053.8	13554.3	11891.5	10089.4	7796.4	5152.1	2984.3	1808.3	1405.1
17.5°	19149.7	17601.5	16057.3	14531.0	12845.5	11036.4	8903.2	6355.7	3715.0	2011.5	1458.0
15°	20456.6	18726.9	17023.2	15345.0	13659.7	11826.4	9827.4	7427.8	4440.5	2422.6	1608.2
12.5°	21779.6	19766.2	17916.7	16035.2	14344.2	12485.5	10482.5	8159.5	5291.6	2926.0	1757.5
10°	22977.9	20719.7	18669.0	16677.8	14854.5	13011.4	11009.3	8747.6	5991.6	3340.0	1880.2
7.5°	24004.9	21548.9	19294.9	17201.8	15264.5	13450.1	11461.2	9216.8	6518.8	3659.7	1975.8
5°	24797.1	22154.7	19776.1	17631.4	15583.1	13749.2	11791.8	9558.5	6874.0	3884.3	2044.6
2.5°	25273.7	22521.8	20058.3	17897.9	15781.1	13919.7	11966.8	9777.1	7100.3	4029.2	2095.4
0°	25478.8	22633.0	20265.8	18077.7	15857.1	13991.3	11962.8	9859.4	7182.9	4083.1	2119.7
-2.5°	25273.7	22521.8	20058.3	17897.9	15781.1	13919.7	11966.8	9777.1	7100.3	4029.2	2095.4
-5°	24797.1	22154.7	19776.1	17631.4	15583.1	13749.2	11791.8	9558.5	6874.0	3884.3	2044.6
-7.5°	24004.9	21548.9	19294.9	17201.8	15264.5	13450.1	11461.2	9216.8	6518.8	3659.7	1975.8
-10°	22977.9	20719.7	18669.0	16677.8	14854.5	13011.4	11009.3	8747.6	5991.6	3340.0	1880.2
-12.5°	21779.6	19766.2	17916.7	16035.2	14344.2	12485.5	10482.5	8159.5	5291.6	2926.0	1757.5
-15°	20456.6	18726.9	17023.2	15345.0	13659.7	11826.4	9827.4	7427.8	4440.5	2422.6	1608.2
-17.5°	19149.7	17601.5	16057.3	14531.0	12845.5	11036.4	8903.2	6355.7	3715.0	2011.5	1458.0
-20°	17770.1	16417.3	15053.8	13554.3	11891.5	10089.4	7796.4	5152.1	2984.3	1808.3	1405.1



REPORT NUMBER: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16423.3	15195.9	13887.4	12444.0	10779.1	8712.5	6376.1	3955.0	2143.5	1582.6	1343.8
-25°	15030.3	13874.6	12600.8	11111.4	9312.4	7150.1	4807.4	2956.2	1849.0	1434.0	1279.4
-27.5°	13563.4	12467.6	11110.0	9514.0	7537.4	5393.6	3501.2	2058.4	1557.2	1351.8	1237.9
-30°	11966.2	10744.8	9294.6	7540.0	5602.1	3778.2	2307.5	1717.6	1408.7	1275.0	1193.4
-32.5°	10008.4	8686.5	7167.7	5406.2	3788.1	2445.1	1805.2	1443.6	1309.8	1223.9	1146.3
-35°	7706.8	6349.5	4777.4	3496.7	2320.2	1811.8	1462.1	1336.7	1243.6	1170.1	1097.2
-37.5°	5057.2	3879.5	2920.7	2053.9	1731.0	1458.9	1345.8	1256.5	1183.5	1115.7	1046.5
-40°	2947.9	2116.9	1839.0	1568.7	1425.8	1333.0	1257.8	1188.6	1124.6	1059.6	993.9
-42.5°	1797.8	1584.0	1445.5	1365.7	1292.3	1240.5	1182.4	1123.3	1063.0	1001.6	939.3
-45°	1403.2	1346.1	1286.1	1248.3	1204.3	1158.2	1110.2	1055.5	998.9	941.5	882.6
-47.5°	1251.3	1224.7	1194.1	1160.2	1121.0	1078.5	1033.5	985.4	933.6	879.7	823.7
-50°	1149.9	1119.1	1091.8	1068.4	1033.6	993.9	953.7	915.5	866.0	814.3	761.0
-52.5°	1015.1	999.9	983.5	965.8	939.2	903.6	869.8	836.0	794.1	743.8	692.7
-55°	899.3	887.0	876.0	859.4	836.7	807.8	779.3	750.7	714.5	668.1	626.0
-57.5°	802.1	785.7	775.3	757.7	732.5	711.3	689.2	662.4	630.2	591.6	557.5
-60°	715.5	698.7	683.3	664.8	643.3	622.5	602.3	575.8	543.0	516.3	489.1
-62.5°	616.2	609.0	590.4	570.3	554.8	541.7	517.2	490.2	466.9	445.5	420.7
-65°	493.7	477.2	467.1	465.8	456.5	438.2	418.2	405.3	391.6	372.8	351.9
-67.5°	401.6	394.3	387.3	377.4	367.7	355.3	346.9	335.7	321.5	301.4	286.3
-70°	340.1	335.8	329.4	320.0	309.8	299.6	290.0	276.8	258.0	234.5	220.9
-72.5°	286.4	283.5	278.5	270.9	262.6	254.1	241.9	223.4	200.5	173.0	159.4
-75°	236.1	234.2	230.6	224.5	217.8	210.7	198.4	177.0	154.8	131.5	119.3
-77.5°	183.3	182.3	180.8	176.6	172.3	168.2	159.9	138.5	117.7	99.0	89.0
-80°	122.7	124.3	124.3	121.8	119.0	115.9	110.6	96.1	83.0	71.5	63.6
-82.5°	71.6	68.9	66.0	66.3	66.5	66.5	65.6	57.6	50.1	43.0	37.4
-85°	25.1	23.7	22.4	24.8	26.8	28.4	29.3	26.0	22.9	20.0	17.4
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-MWR-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°	5.5	6.3	6.9	7.5	7.9	8.1	8.3	8.2	7.8	7.2	6.6
85°	18.5	19.1	19.2	18.8	17.6	16.3	16.5	16.5	15.6	14.5	13.2
82.5°	38.9	40.4	41.3	41.2	38.6	35.8	32.9	30.0	26.7	22.3	19.8
80°	67.2	69.4	70.0	68.2	61.7	55.3	50.9	46.7	43.3	38.5	32.2
77.5°	95.7	100.0	101.8	99.6	90.6	81.7	72.9	64.9	60.0	54.7	47.7
75°	125.1	131.7	135.6	133.2	122.1	108.0	96.8	87.4	80.5	71.5	63.1
72.5°	162.4	165.6	169.2	168.5	158.7	144.7	126.4	110.1	102.4	92.3	79.6
70°	212.2	202.9	200.7	199.4	193.4	182.5	164.2	142.6	124.7	113.2	99.0
67.5°	273.2	260.4	247.1	233.1	226.0	216.2	201.6	176.3	152.8	134.2	118.4
65°	333.4	316.3	300.2	279.7	262.9	249.9	235.0	208.0	179.7	156.2	137.8
62.5°	395.0	369.8	348.2	324.4	302.2	284.0	268.0	237.4	205.6	177.3	155.3
60°	459.4	429.2	396.2	367.7	340.8	316.5	295.1	266.3	231.9	197.2	171.4
57.5°	524.9	489.4	449.3	411.8	379.6	349.9	320.8	291.5	257.8	219.5	185.5
55°	589.4	550.5	502.1	457.5	418.6	384.4	347.9	314.8	282.2	242.1	195.9
52.5°	646.9	606.3	558.2	504.3	457.6	417.5	377.2	337.6	302.8	264.3	209.9
50°	705.7	655.3	609.4	555.9	496.5	450.0	405.5	362.9	323.0	284.8	223.1
47.5°	766.9	708.0	654.2	604.2	543.5	481.6	434.1	387.6	342.7	302.4	234.6
45°	823.0	762.3	700.5	644.8	587.2	518.5	462.0	411.4	364.0	311.3	244.4
42.5°	876.3	812.8	748.2	684.2	623.8	554.7	489.0	435.6	384.4	318.3	251.4
40°	927.3	860.4	793.1	726.3	660.4	587.7	518.5	459.1	402.5	324.4	256.0
37.5°	976.0	905.8	835.3	766.6	697.7	621.9	545.7	481.5	411.4	331.0	259.2
35°	1023.1	948.7	877.3	805.2	732.9	656.4	570.1	503.1	424.5	336.6	261.0
32.5°	1067.9	990.7	917.1	842.5	766.2	691.3	597.4	522.8	440.5	341.2	261.5
30°	1111.5	1031.8	954.4	878.0	797.8	720.3	628.2	542.2	459.1	344.6	261.5
27.5°	1153.2	1069.6	989.3	910.6	828.6	747.0	658.2	561.1	480.0	351.3	263.2
25°	1191.4	1105.0	1021.7	940.4	857.4	772.8	685.9	579.8	497.5	365.5	263.9
22.5°	1226.8	1137.1	1051.0	967.7	885.6	797.5	709.4	602.7	511.9	380.2	263.6
20°	1259.0	1165.6	1078.4	996.5	911.1	821.1	729.3	623.5	525.4	395.2	262.2
17.5°	1291.3	1195.4	1109.9	1023.9	934.6	842.6	747.8	642.1	537.9	410.0	259.7
15°	1342.1	1227.6	1138.6	1049.6	956.5	861.7	764.9	658.4	549.3	424.2	258.9
12.5°	1387.8	1256.4	1164.4	1073.3	976.5	878.6	780.2	672.4	559.4	434.0	260.0
10°	1426.4	1281.6	1187.2	1095.0	994.3	893.1	793.6	684.3	567.8	438.0	259.4
7.5°	1458.0	1303.3	1206.8	1114.1	1010.9	907.0	806.1	694.4	576.0	438.5	257.3
5°	1485.0	1326.9	1231.4	1135.1	1030.4	920.7	816.6	701.9	583.3	435.5	253.9
2.5°	1515.9	1355.6	1258.7	1153.6	1047.4	932.1	824.7	707.1	589.1	429.2	249.5
0°	1540.1	1380.6	1282.9	1168.9	1061.5	941.0	830.3	709.8	592.6	420.0	244.2
-2.5°	1515.9	1355.6	1258.7	1153.6	1047.4	932.1	824.7	707.1	589.1	429.2	249.5
-5°	1485.0	1326.9	1231.4	1135.1	1030.4	920.7	816.6	701.9	583.3	435.5	253.9
-7.5°	1458.0	1303.3	1206.8	1114.1	1010.9	907.0	806.1	694.4	576.0	438.5	257.3
-10°	1426.4	1281.6	1187.2	1095.0	994.3	893.1	793.6	684.3	567.8	438.0	259.4
-12.5°	1387.8	1256.4	1164.4	1073.3	976.5	878.6	780.2	672.4	559.4	434.0	260.0
-15°	1342.1	1227.6	1138.6	1049.6	956.5	861.7	764.9	658.4	549.3	424.2	258.9
-17.5°	1291.3	1195.4	1109.9	1023.9	934.6	842.6	747.8	642.1	537.9	410.0	259.7
-20°	1259.0	1165.6	1078.4	996.5	911.1	821.1	729.3	623.5	525.4	395.2	262.2



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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°	1226.8	1137.1	1051.0	967.7	885.6	797.5	709.4	602.7	511.9	380.2	263.6
-25°	1191.4	1105.0	1021.7	940.4	857.4	772.8	685.9	579.8	497.5	365.5	263.9
-27.5°	1153.2	1069.6	989.3	910.6	828.6	747.0	658.2	561.1	480.0	351.3	263.2
-30°	1111.5	1031.8	954.4	878.0	797.8	720.3	628.2	542.2	459.1	344.6	261.5
-32.5°	1067.9	990.7	917.1	842.5	766.2	691.3	597.4	522.8	440.5	341.2	261.5
-35°	1023.1	948.7	877.3	805.2	732.9	656.4	570.1	503.1	424.5	336.6	261.0
-37.5°	976.0	905.8	835.3	766.6	697.7	621.9	545.7	481.5	411.4	331.0	259.2
-40°	927.3	860.4	793.1	726.3	660.4	587.7	518.5	459.1	402.5	324.4	256.0
-42.5°	876.3	812.8	748.2	684.2	623.8	554.7	489.0	435.6	384.4	318.3	251.4
-45°	823.0	762.3	700.5	644.8	587.2	518.5	462.0	411.4	364.0	311.3	244.4
-47.5°	766.9	708.0	654.2	604.2	543.5	481.6	434.1	387.6	342.7	302.4	234.6
-50°	705.7	655.3	609.4	555.9	496.5	450.0	405.5	362.9	323.0	284.8	223.1
-52.5°	646.9	606.3	558.2	504.3	457.6	417.5	377.2	337.6	302.8	264.3	209.9
-55°	589.4	550.5	502.1	457.5	418.6	384.4	347.9	314.8	282.2	242.1	195.9
-57.5°	524.9	489.4	449.3	411.8	379.6	349.9	320.8	291.5	257.8	219.5	185.5
-60°	459.4	429.2	396.2	367.7	340.8	316.5	295.1	266.3	231.9	197.2	171.4
-62.5°	395.0	369.8	348.2	324.4	302.2	284.0	268.0	237.4	205.6	177.3	155.3
-65°	333.4	316.3	300.2	279.7	262.9	249.9	235.0	208.0	179.7	156.2	137.8
-67.5°	273.2	260.4	247.1	233.1	226.0	216.2	201.6	176.3	152.8	134.2	118.4
-70°	212.2	202.9	200.7	199.4	193.4	182.5	164.2	142.6	124.7	113.2	99.0
-72.5°	162.4	165.6	169.2	168.5	158.7	144.7	126.4	110.1	102.4	92.3	79.6
-75°	125.1	131.7	135.6	133.2	122.1	108.0	96.8	87.4	80.5	71.5	63.1
-77.5°	95.7	100.0	101.8	99.6	90.6	81.7	72.9	64.9	60.0	54.7	47.7
-80°	67.2	69.4	70.0	68.2	61.7	55.3	50.9	46.7	43.3	38.5	32.2
-82.5°	38.9	40.4	41.3	41.2	38.6	35.8	32.9	30.0	26.7	22.3	19.8
-85°	18.5	19.1	19.2	18.8	17.6	16.3	16.5	16.5	15.6	14.5	13.2
-87.5°	5.5	6.3	6.9	7.5	7.9	8.1	8.3	8.2	7.8	7.2	6.6
-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: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.9	4.6	3.4	2.3	1.4	0.7	0.0
85°	11.8	9.1	6.8	4.7	2.8	1.4	0.0
82.5°	17.6	13.7	10.1	7.0	4.2	2.1	0.0
80°	24.3	18.1	13.4	9.3	5.7	2.8	0.0
77.5°	38.2	24.7	16.7	11.5	7.0	3.5	0.0
75°	51.7	35.3	20.8	13.8	8.4	4.2	0.0
72.5°	65.0	45.6	28.4	15.9	9.8	4.9	0.0
70°	78.2	55.6	35.9	18.6	11.1	5.6	0.0
67.5°	93.6	65.4	43.2	23.7	12.5	6.2	0.0
65°	108.5	75.8	50.2	28.6	13.8	6.9	0.0
62.5°	122.6	86.8	56.9	33.3	15.0	7.5	0.0
60°	136.0	97.3	63.4	37.9	16.3	8.1	0.0
57.5°	145.2	107.2	70.8	42.3	19.1	8.8	0.0
55°	152.9	116.5	77.9	46.4	21.9	9.3	0.0
52.5°	159.6	124.6	84.5	50.4	24.6	9.9	0.0
50°	165.1	128.6	90.6	54.1	27.2	10.5	0.0
47.5°	170.1	131.8	96.3	57.7	29.7	11.0	0.0
45°	178.4	134.2	101.5	61.6	32.1	11.5	0.0
42.5°	185.3	135.8	106.2	65.1	34.3	12.0	0.0
40°	191.0	136.5	108.7	68.9	36.4	12.5	0.0
37.5°	195.4	136.5	109.0	72.7	38.5	12.9	0.0
35°	198.5	138.2	108.9	76.5	40.3	13.4	0.0
32.5°	200.1	140.4	108.2	80.1	42.1	13.7	0.0
30°	200.0	141.7	107.2	83.6	43.7	14.1	0.0
27.5°	198.8	142.1	108.3	87.0	45.2	14.5	0.0
25°	196.6	141.6	109.6	90.3	46.5	14.8	0.0
22.5°	193.5	141.9	110.7	93.3	47.7	15.1	0.0
20°	189.4	145.6	111.5	96.2	48.8	15.3	0.0
17.5°	189.7	148.8	112.3	98.9	49.7	15.5	0.0
15°	192.5	151.6	112.8	101.4	50.5	15.7	0.0
12.5°	194.8	154.0	113.3	103.6	51.1	15.9	0.0
10°	196.5	156.0	113.6	105.6	51.6	16.1	0.0
7.5°	197.8	157.5	113.8	107.3	51.9	16.2	0.0
5°	198.5	158.6	113.9	108.8	52.1	16.2	0.0
2.5°	198.8	159.3	114.0	109.9	52.2	16.3	0.0
0°	198.6	159.5	114.0	110.7	52.1	16.3	0.0
-2.5°	198.8	159.3	114.0	109.9	52.2	16.3	0.0
-5°	198.5	158.6	113.9	108.8	52.1	16.2	0.0
-7.5°	197.8	157.5	113.8	107.3	51.9	16.2	0.0
-10°	196.5	156.0	113.6	105.6	51.6	16.1	0.0
-12.5°	194.8	154.0	113.3	103.6	51.1	15.9	0.0
-15°	192.5	151.6	112.8	101.4	50.5	15.7	0.0
-17.5°	189.7	148.8	112.3	98.9	49.7	15.5	0.0
-20°	189.4	145.6	111.5	96.2	48.8	15.3	0.0



REPORT NUMBER: P559245 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	193.5	141.9	110.7	93.3	47.7	15.1	0.0
-25°	196.6	141.6	109.6	90.3	46.5	14.8	0.0
-27.5°	198.8	142.1	108.3	87.0	45.2	14.5	0.0
-30°	200.0	141.7	107.2	83.6	43.7	14.1	0.0
-32.5°	200.1	140.4	108.2	80.1	42.1	13.7	0.0
-35°	198.5	138.2	108.9	76.5	40.3	13.4	0.0
-37.5°	195.4	136.5	109.0	72.7	38.5	12.9	0.0
-40°	191.0	136.5	108.7	68.9	36.4	12.5	0.0
-42.5°	185.3	135.8	106.2	65.1	34.3	12.0	0.0
-45°	178.4	134.2	101.5	61.6	32.1	11.5	0.0
-47.5°	170.1	131.8	96.3	57.7	29.7	11.0	0.0
-50°	165.1	128.6	90.6	54.1	27.2	10.5	0.0
-52.5°	159.6	124.6	84.5	50.4	24.6	9.9	0.0
-55°	152.9	116.5	77.9	46.4	21.9	9.3	0.0
-57.5°	145.2	107.2	70.8	42.3	19.1	8.8	0.0
-60°	136.0	97.3	63.4	37.9	16.3	8.1	0.0
-62.5°	122.6	86.8	56.9	33.3	15.0	7.5	0.0
-65°	108.5	75.8	50.2	28.6	13.8	6.9	0.0
-67.5°	93.6	65.4	43.2	23.7	12.5	6.2	0.0
-70°	78.2	55.6	35.9	18.6	11.1	5.6	0.0
-72.5°	65.0	45.6	28.4	15.9	9.8	4.9	0.0
-75°	51.7	35.3	20.8	13.8	8.4	4.2	0.0
-77.5°	38.2	24.7	16.7	11.5	7.0	3.5	0.0
-80°	24.3	18.1	13.4	9.3	5.7	2.8	0.0
-82.5°	17.6	13.7	10.1	7.0	4.2	2.1	0.0
-85°	11.8	9.1	6.8	4.7	2.8	1.4	0.0
-87.5°	5.9	4.6	3.4	2.3	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)