

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-727-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N113
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

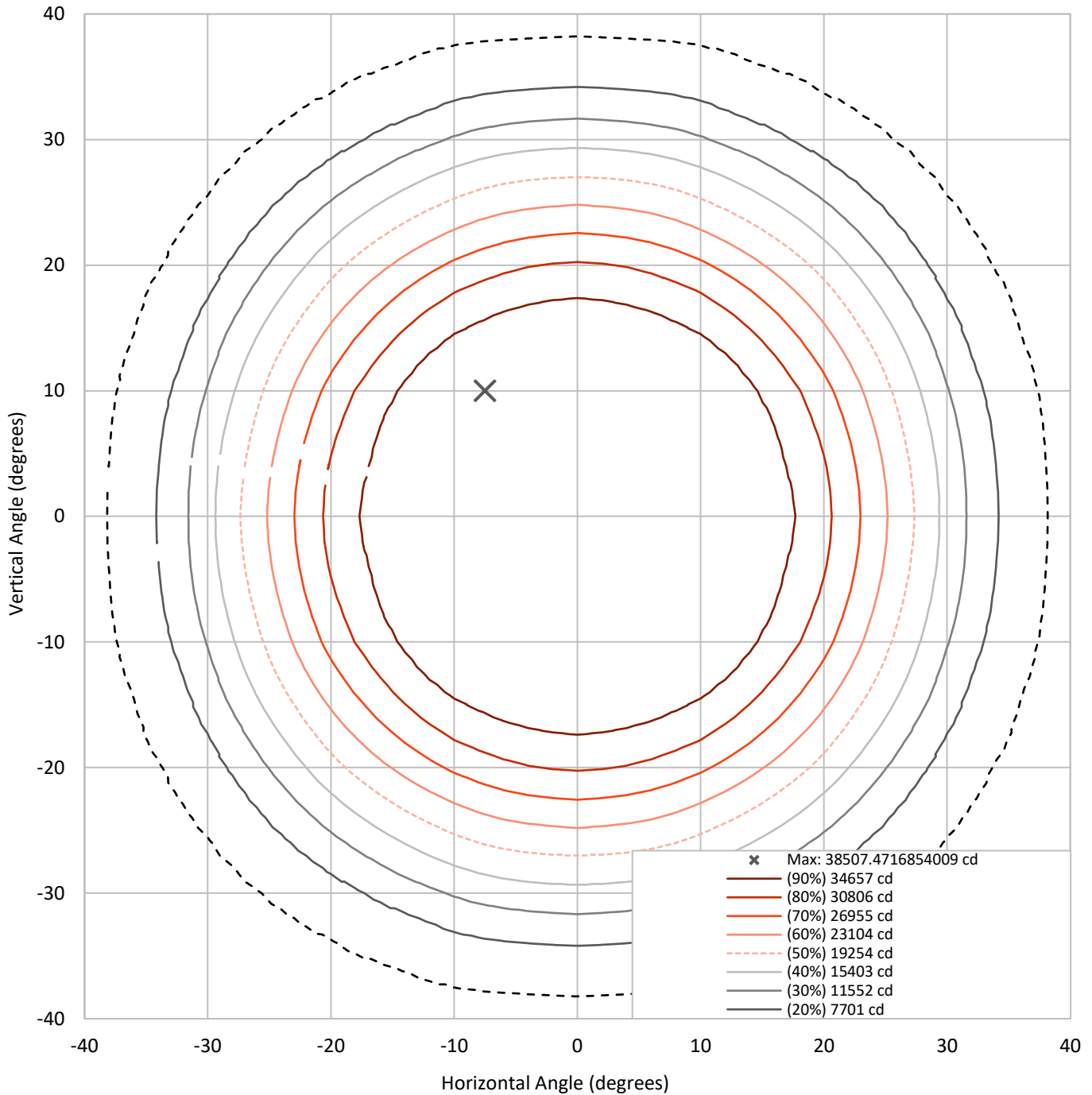
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	32773.5 lumens	Max Intensity:	38507.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	120.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	21753.1 lumens	Field Lumens:	28285.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	271.3		
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





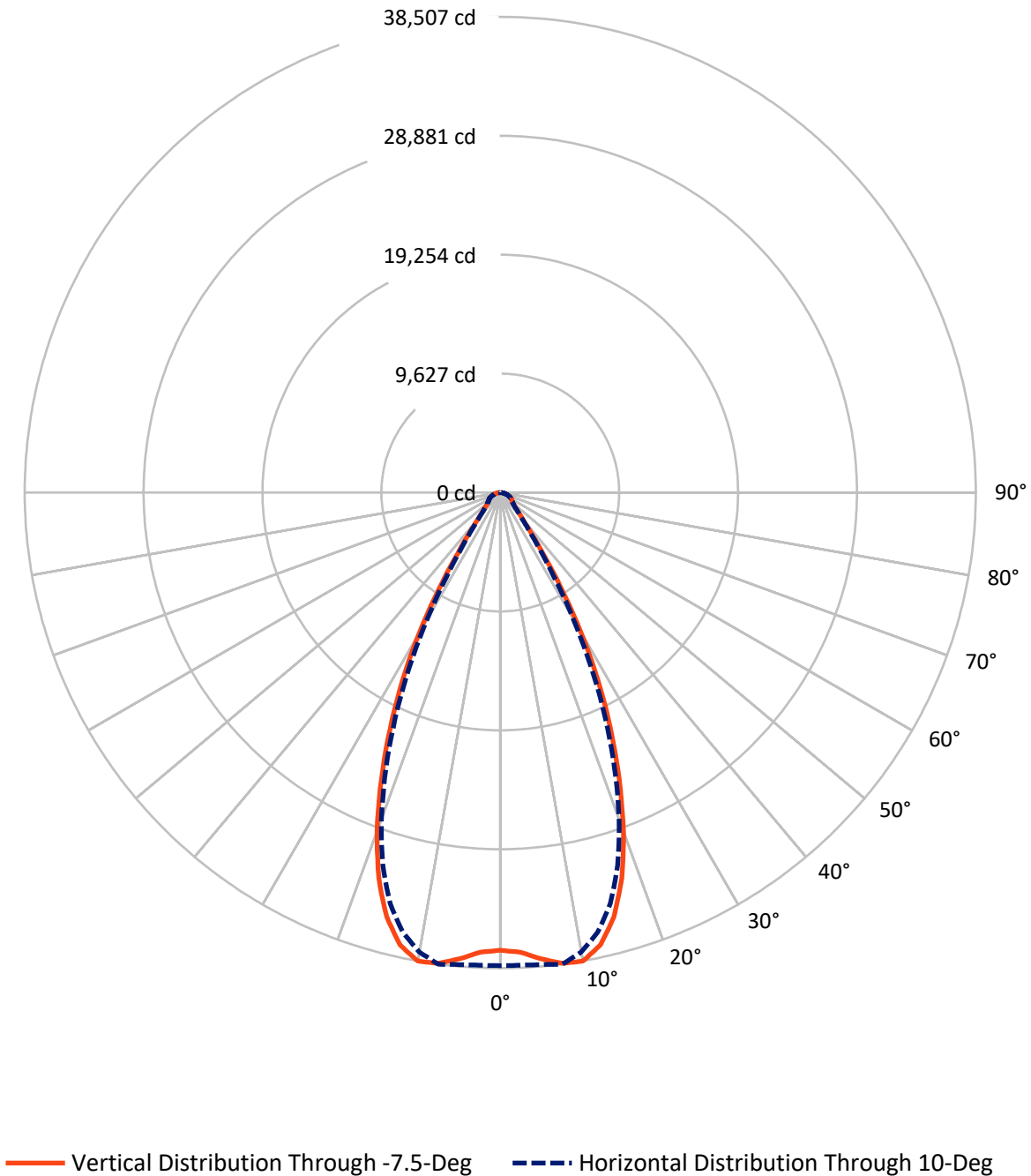
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Lumen Table

90																			
80	0.8	7.7		20.6		32.5		36.3		32.5		20.6		7.7		0.8			
70																			
60	3.5	4.0	8.0	13.1	18.4	22.3	25.2	26.6	26.6	25.2	22.3	18.4	13.1	8.0	4.0	3.5			
		5.9	11.8	18.9	25.3	30.6	34.2	35.7	35.7	34.2	30.6	25.3	18.9	11.8	5.9				
50																			
40	6.2	7.6	15.0	22.9	30.7	40.0	50.3	57.8	57.8	50.3	40.0	30.7	22.9	15.0	7.6	6.2			
		9.0	17.4	26.4	40.8	74.5	142.6	211.3	211.3	142.6	74.5	40.8	26.4	17.4	9.0				
30																			
20	8.0	10.1	19.0	30.8	67.1	210.4	472.0	659.1	659.1	472.0	210.4	67.1	30.8	19.0	10.1	8.0			
		10.8	20.0	36.6	121.3	448.5	856.5	1072.0	1072.0	856.5	448.5	121.3	36.6	20.0	10.8				
10																			
0	8.6	11.1	20.5	41.2	174.7	613.8	1039.1	1130.6	1130.6	1039.1	613.8	174.7	41.2	20.5	11.1	8.6			
		11.1	20.5	41.2	174.7	613.8	1039.1	1130.6	1130.6	1039.1	613.8	174.7	41.2	20.5	11.1				
-10																			
-20	8.0	10.8	20.0	36.6	121.3	448.5	856.5	1072.0	1072.0	856.5	448.5	121.3	36.6	20.0	10.8	8.0			
		10.1	19.0	30.8	67.1	210.4	472.0	659.1	659.1	472.0	210.4	67.1	30.8	19.0	10.1				
-30																			
-40	6.2	9.0	17.4	26.4	40.8	74.5	142.6	211.3	211.3	142.6	74.5	40.8	26.4	17.4	9.0	6.2			
		7.6	15.0	22.9	30.7	40.0	50.3	57.8	57.8	50.3	40.0	30.7	22.9	15.0	7.6				
-50																			
-60	3.5	5.9	11.8	18.9	25.3	30.6	34.2	35.7	35.7	34.2	30.6	25.3	18.9	11.8	5.9	3.5			
		4.0	8.0	13.1	18.4	22.3	25.2	26.6	26.6	25.2	22.3	18.4	13.1	8.0	4.0				
-70																			
-80	0.8	7.7		20.6		32.5		36.3		32.5		20.6		7.7		0.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

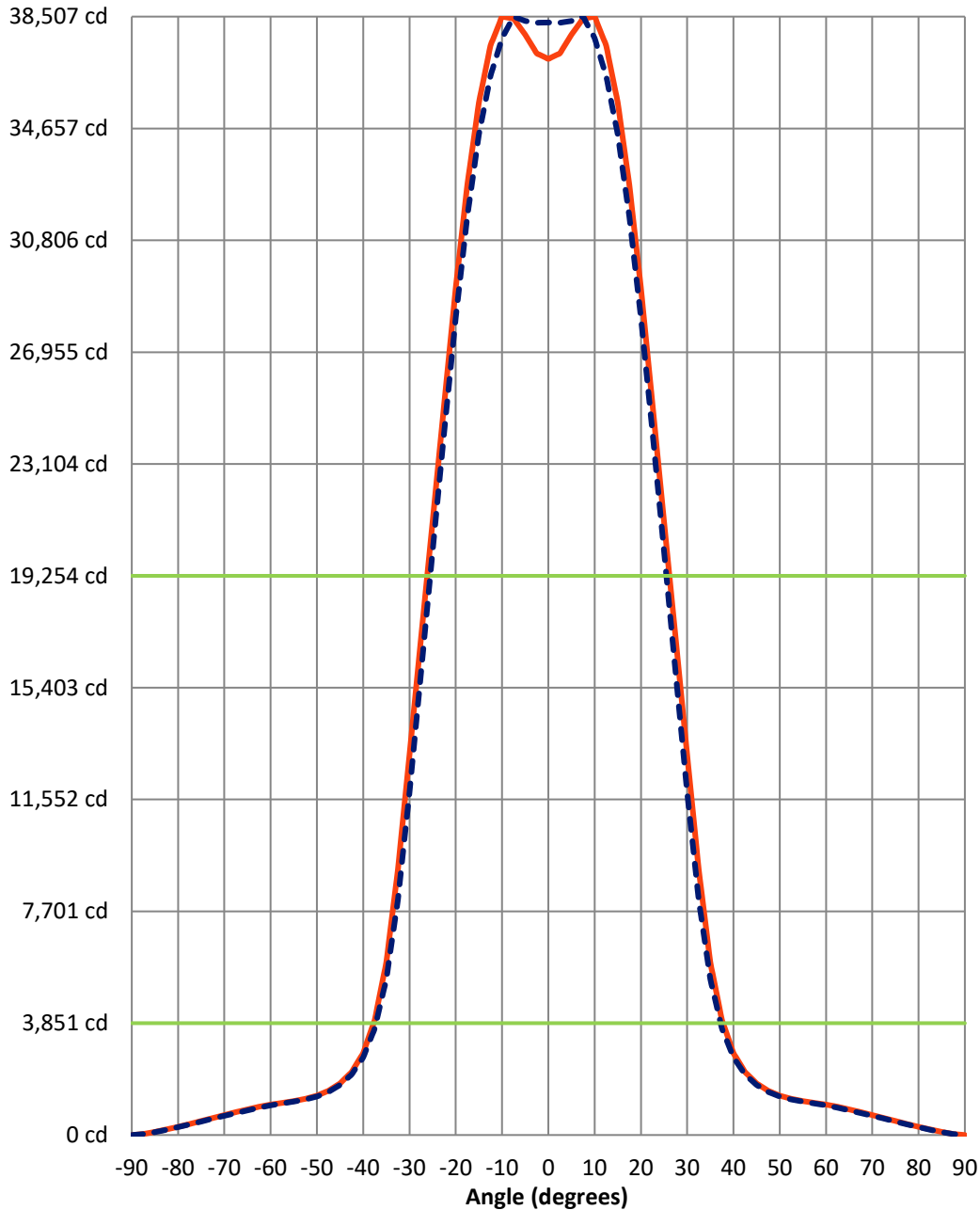
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 21753.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 28285.3
 Efficiency: 86.3%

Spill:
 Lumens: 4488.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.7	10.6	12.7	14.8	17.1
85°	0.0	2.9	5.9	8.8	11.7	14.6	17.4	21.2	25.3	29.6	34.1
82.5°	0.0	4.4	8.8	13.2	17.5	21.8	26.1	31.7	38.6	48.7	58.2
80°	0.0	5.9	11.7	17.5	23.3	29.0	36.0	49.5	62.5	74.8	86.4
77.5°	0.0	7.3	14.6	21.8	29.0	39.2	54.8	70.9	86.4	100.9	116.5
75°	0.0	8.7	17.4	26.1	36.0	54.8	73.4	92.2	110.6	131.8	152.6
72.5°	0.0	10.1	20.2	30.3	48.3	70.2	91.9	114.4	139.4	164.1	188.4
70°	0.0	11.5	23.0	35.4	60.5	85.4	110.5	139.4	168.0	196.2	225.7
67.5°	0.0	12.9	25.8	44.5	72.5	100.4	131.6	164.1	196.1	229.2	262.8
65°	0.0	14.2	28.5	53.3	84.3	116.3	152.2	188.4	224.5	261.5	300.7
62.5°	0.0	15.6	31.1	62.0	95.9	132.8	172.3	212.3	252.2	294.0	341.3
60°	0.0	16.8	33.7	70.5	107.2	149.0	191.9	235.7	279.2	329.2	380.8
57.5°	0.0	18.1	39.1	78.8	119.6	164.6	211.5	258.4	308.6	363.5	418.1
55°	0.0	19.3	44.4	86.9	131.6	179.8	230.7	280.6	337.8	396.4	453.9
52.5°	0.0	20.5	49.4	94.7	143.2	194.6	249.5	305.0	365.9	427.7	488.7
50°	0.0	21.7	54.3	102.3	154.4	209.9	267.8	328.9	393.0	458.0	522.3
47.5°	0.0	22.8	59.0	109.7	165.1	224.8	285.8	351.7	418.9	487.2	554.9
45°	0.0	23.8	63.5	117.4	175.4	239.1	304.4	373.6	444.0	515.3	586.1
42.5°	0.0	24.8	67.8	124.7	185.2	252.9	322.2	394.4	467.8	542.2	615.7
40°	0.0	25.8	71.8	131.5	195.1	266.2	339.0	414.0	490.5	567.9	644.1
37.5°	0.0	26.7	75.6	137.8	205.1	278.8	354.9	432.5	512.4	592.7	671.5
35°	0.0	27.6	79.1	143.7	214.6	291.1	369.8	449.8	533.3	616.0	697.0
32.5°	0.0	28.4	82.4	149.2	223.6	302.8	383.7	465.9	553.2	637.5	719.4
30°	0.0	29.2	85.5	154.4	232.1	313.6	396.6	481.0	571.9	657.4	740.3
27.5°	0.0	29.9	88.2	159.1	239.6	323.6	408.3	496.0	588.9	675.6	759.6
25°	0.0	30.5	90.7	163.4	246.4	332.7	419.0	509.8	603.7	691.6	777.3
22.5°	0.0	31.1	93.0	167.3	252.5	340.8	428.6	522.4	617.0	705.9	793.4
20°	0.0	31.7	95.0	170.7	258.0	347.6	437.1	533.8	628.8	718.6	807.7
17.5°	0.0	32.1	96.7	173.7	262.7	353.6	444.8	544.0	639.0	729.8	820.2
15°	0.0	32.6	98.1	176.3	266.8	358.7	451.7	553.1	647.6	739.4	830.9
12.5°	0.0	32.9	99.3	178.4	270.2	363.0	457.7	561.1	655.3	747.3	839.8
10°	0.0	33.2	100.2	180.0	272.9	366.3	462.6	567.8	662.0	754.7	847.3
7.5°	0.0	33.4	100.8	181.2	274.8	368.8	466.5	572.9	667.2	760.6	854.0
5°	0.0	33.6	101.2	182.0	276.0	370.3	469.4	576.6	670.9	764.9	858.8
2.5°	0.0	33.7	101.3	182.2	276.5	370.9	471.1	578.9	673.2	767.4	861.6
0°	0.0	33.7	101.1	182.0	276.3	370.6	471.7	579.6	673.9	768.3	862.6
-2.5°	0.0	33.7	101.3	182.2	276.5	370.9	471.1	578.9	673.2	767.4	861.6
-5°	0.0	33.6	101.2	182.0	276.0	370.3	469.4	576.6	670.9	764.9	858.8
-7.5°	0.0	33.4	100.8	181.2	274.8	368.8	466.5	572.9	667.2	760.6	854.0
-10°	0.0	33.2	100.2	180.0	272.9	366.3	462.6	567.8	662.0	754.7	847.3
-12.5°	0.0	32.9	99.3	178.4	270.2	363.0	457.7	561.1	655.3	747.3	839.8
-15°	0.0	32.6	98.1	176.3	266.8	358.7	451.7	553.1	647.6	739.4	830.9
-17.5°	0.0	32.1	96.7	173.7	262.7	353.6	444.8	544.0	639.0	729.8	820.2
-20°	0.0	31.7	95.0	170.7	258.0	347.6	437.1	533.8	628.8	718.6	807.7

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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	31.1	93.0	167.3	252.5	340.8	428.6	522.4	617.0	705.9	793.4
-25°	0.0	30.5	90.7	163.4	246.4	332.7	419.0	509.8	603.7	691.6	777.3
-27.5°	0.0	29.9	88.2	159.1	239.6	323.6	408.3	496.0	588.9	675.6	759.6
-30°	0.0	29.2	85.5	154.4	232.1	313.6	396.6	481.0	571.9	657.4	740.3
-32.5°	0.0	28.4	82.4	149.2	223.6	302.8	383.7	465.9	553.2	637.5	719.4
-35°	0.0	27.6	79.1	143.7	214.6	291.1	369.8	449.8	533.3	616.0	697.0
-37.5°	0.0	26.7	75.6	137.8	205.1	278.8	354.9	432.5	512.4	592.7	671.5
-40°	0.0	25.8	71.8	131.5	195.1	266.2	339.0	414.0	490.5	567.9	644.1
-42.5°	0.0	24.8	67.8	124.7	185.2	252.9	322.2	394.4	467.8	542.2	615.7
-45°	0.0	23.8	63.5	117.4	175.4	239.1	304.4	373.6	444.0	515.3	586.1
-47.5°	0.0	22.8	59.0	109.7	165.1	224.8	285.8	351.7	418.9	487.2	554.9
-50°	0.0	21.7	54.3	102.3	154.4	209.9	267.8	328.9	393.0	458.0	522.3
-52.5°	0.0	20.5	49.4	94.7	143.2	194.6	249.5	305.0	365.9	427.7	488.7
-55°	0.0	19.3	44.4	86.9	131.6	179.8	230.7	280.6	337.8	396.4	453.9
-57.5°	0.0	18.1	39.1	78.8	119.6	164.6	211.5	258.4	308.6	363.5	418.1
-60°	0.0	16.8	33.7	70.5	107.2	149.0	191.9	235.7	279.2	329.2	380.8
-62.5°	0.0	15.6	31.1	62.0	95.9	132.8	172.3	212.3	252.2	294.0	341.3
-65°	0.0	14.2	28.5	53.3	84.3	116.3	152.2	188.4	224.5	261.5	300.7
-67.5°	0.0	12.9	25.8	44.5	72.5	100.4	131.6	164.1	196.1	229.2	262.8
-70°	0.0	11.5	23.0	35.4	60.5	85.4	110.5	139.4	168.0	196.2	225.7
-72.5°	0.0	10.1	20.2	30.3	48.3	70.2	91.9	114.4	139.4	164.1	188.4
-75°	0.0	8.7	17.4	26.1	36.0	54.8	73.4	92.2	110.6	131.8	152.6
-77.5°	0.0	7.3	14.6	21.8	29.0	39.2	54.8	70.9	86.4	100.9	116.5
-80°	0.0	5.9	11.7	17.5	23.3	29.0	36.0	49.5	62.5	74.8	86.4
-82.5°	0.0	4.4	8.8	13.2	17.5	21.8	26.1	31.7	38.6	48.7	58.2
-85°	0.0	2.9	5.9	8.8	11.7	14.6	17.4	21.2	25.3	29.6	34.1
-87.5°	0.0	1.5	2.9	4.4	5.9	7.3	8.7	10.6	12.7	14.8	17.1
-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):

	-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°	18.6	20.2	21.7	23.2	24.6	26.0	27.3	28.6	29.8	30.9	32.0
85°	37.3	40.4	45.7	51.2	56.5	61.5	66.4	71.1	75.5	79.8	83.9
82.5°	66.8	75.5	84.4	93.5	101.5	109.0	116.5	124.2	131.8	139.4	147.0
80°	98.2	110.4	124.3	137.5	149.1	160.1	170.7	181.0	192.1	204.0	216.0
77.5°	134.5	151.8	168.1	183.4	198.1	214.2	229.7	244.6	260.1	275.5	290.1
75°	173.4	193.2	214.0	234.6	254.5	273.8	292.6	311.9	331.3	350.5	369.0
72.5°	213.6	238.7	263.3	287.2	312.0	336.1	359.4	381.9	405.0	428.6	451.2
70°	255.3	284.0	314.3	343.5	371.4	399.5	428.0	455.4	482.2	509.5	536.7
67.5°	297.4	333.4	367.5	399.9	432.8	465.9	498.0	530.8	562.5	594.4	624.8
65°	343.7	383.1	420.4	457.5	494.8	533.7	571.6	608.2	645.0	680.5	712.5
62.5°	389.2	431.0	472.3	514.5	558.9	602.6	644.0	686.0	728.7	766.0	798.4
60°	430.9	477.4	523.5	571.7	620.8	667.8	714.2	759.8	805.7	848.6	875.0
57.5°	471.3	522.6	573.8	625.6	677.3	729.8	778.5	828.7	871.4	907.5	938.2
55°	510.6	566.3	620.8	675.2	731.1	785.9	838.9	886.6	928.3	958.4	988.1
52.5°	548.8	607.6	663.9	722.7	782.0	840.2	895.6	939.9	974.1	1004.9	1032.5
50°	585.9	645.7	705.1	768.9	831.6	893.1	945.2	983.9	1018.7	1048.7	1077.7
47.5°	620.7	683.0	746.5	813.5	879.5	939.0	986.9	1027.3	1062.9	1095.3	1129.6
45°	654.1	720.2	787.3	856.5	923.9	981.4	1027.5	1071.1	1104.5	1141.0	1180.3
42.5°	686.5	756.0	826.4	897.8	965.9	1019.6	1065.7	1105.7	1144.9	1188.1	1235.6
40°	717.4	789.8	863.2	937.6	1005.5	1053.1	1098.2	1140.7	1188.1	1239.6	1294.5
37.5°	746.4	821.5	897.7	975.0	1034.6	1083.6	1129.9	1177.1	1232.3	1292.0	1366.6
35°	773.4	851.0	929.8	1004.0	1060.7	1112.7	1160.5	1213.2	1277.7	1355.7	1451.3
32.5°	798.5	878.4	959.4	1027.5	1084.7	1138.7	1187.8	1253.6	1331.2	1423.9	1559.3
30°	821.6	903.4	984.7	1050.6	1106.4	1160.6	1220.4	1294.5	1385.2	1520.6	1693.9
27.5°	843.1	926.1	1004.6	1069.8	1125.7	1181.6	1251.7	1341.5	1460.9	1622.4	1837.8
25°	862.7	947.8	1023.6	1085.9	1143.7	1205.7	1281.8	1382.7	1539.8	1748.4	2039.5
22.5°	880.6	967.4	1041.9	1099.8	1160.5	1227.7	1316.5	1442.8	1623.8	1867.4	2242.8
20°	896.5	982.2	1055.5	1112.9	1176.0	1245.9	1347.4	1499.7	1718.0	2033.5	2512.7
17.5°	910.4	995.2	1065.7	1125.6	1191.2	1266.5	1377.5	1549.0	1801.7	2178.4	2785.5
15°	922.4	1006.3	1074.4	1136.4	1204.4	1290.1	1419.3	1613.4	1898.9	2329.0	3023.2
12.5°	932.3	1015.4	1081.4	1145.3	1215.3	1309.9	1455.2	1674.2	1999.8	2514.2	3373.6
10°	940.1	1022.6	1086.8	1152.1	1223.8	1325.7	1484.3	1723.9	2083.4	2674.5	3672.4
7.5°	947.4	1027.8	1090.6	1157.0	1229.8	1337.5	1506.4	1762.1	2147.5	2800.4	3908.9
5°	952.7	1031.0	1092.7	1159.7	1234.9	1345.2	1521.4	1788.7	2191.8	2890.4	4075.3
2.5°	955.9	1032.1	1093.0	1160.5	1238.7	1348.6	1529.2	1803.4	2226.6	2933.0	4164.7
0°	957.0	1031.1	1091.7	1159.1	1240.0	1347.8	1529.8	1806.1	2244.1	2931.5	4178.2
-2.5°	955.9	1032.1	1093.0	1160.5	1238.7	1348.6	1529.2	1803.4	2226.6	2933.0	4164.7
-5°	952.7	1031.0	1092.7	1159.7	1234.9	1345.2	1521.4	1788.7	2191.8	2890.4	4075.3
-7.5°	947.4	1027.8	1090.6	1157.0	1229.8	1337.5	1506.4	1762.1	2147.5	2800.4	3908.9
-10°	940.1	1022.6	1086.8	1152.1	1223.8	1325.7	1484.3	1723.9	2083.4	2674.5	3672.4
-12.5°	932.3	1015.4	1081.4	1145.3	1215.3	1309.9	1455.2	1674.2	1999.8	2514.2	3373.6
-15°	922.4	1006.3	1074.4	1136.4	1204.4	1290.1	1419.3	1613.4	1898.9	2329.0	3023.2
-17.5°	910.4	995.2	1065.7	1125.6	1191.2	1266.5	1377.5	1549.0	1801.7	2178.4	2785.5
-20°	896.5	982.2	1055.5	1112.9	1176.0	1245.9	1347.4	1499.7	1718.0	2033.5	2512.7

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Scaled Data Report



REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-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°	880.6	967.4	1041.9	1099.8	1160.5	1227.7	1316.5	1442.8	1623.8	1867.4	2242.8
-25°	862.7	947.8	1023.6	1085.9	1143.7	1205.7	1281.8	1382.7	1539.8	1748.4	2039.5
-27.5°	843.1	926.1	1004.6	1069.8	1125.7	1181.6	1251.7	1341.5	1460.9	1622.4	1837.8
-30°	821.6	903.4	984.7	1050.6	1106.4	1160.6	1220.4	1294.5	1385.2	1520.6	1693.9
-32.5°	798.5	878.4	959.4	1027.5	1084.7	1138.7	1187.8	1253.6	1331.2	1423.9	1559.3
-35°	773.4	851.0	929.8	1004.0	1060.7	1112.7	1160.5	1213.2	1277.7	1355.7	1451.3
-37.5°	746.4	821.5	897.7	975.0	1034.6	1083.6	1129.9	1177.1	1232.3	1292.0	1366.6
-40°	717.4	789.8	863.2	937.6	1005.5	1053.1	1098.2	1140.7	1188.1	1239.6	1294.5
-42.5°	686.5	756.0	826.4	897.8	965.9	1019.6	1065.7	1105.7	1144.9	1188.1	1235.6
-45°	654.1	720.2	787.3	856.5	923.9	981.4	1027.5	1071.1	1104.5	1141.0	1180.3
-47.5°	620.7	683.0	746.5	813.5	879.5	939.0	986.9	1027.3	1062.9	1095.3	1129.6
-50°	585.9	645.7	705.1	768.9	831.6	893.1	945.2	983.9	1018.7	1048.7	1077.7
-52.5°	548.8	607.6	663.9	722.7	782.0	840.2	895.6	939.9	974.1	1004.9	1032.5
-55°	510.6	566.3	620.8	675.2	731.1	785.9	838.9	886.6	928.3	958.4	988.1
-57.5°	471.3	522.6	573.8	625.6	677.3	729.8	778.5	828.7	871.4	907.5	938.2
-60°	430.9	477.4	523.5	571.7	620.8	667.8	714.2	759.8	805.7	848.6	875.0
-62.5°	389.2	431.0	472.3	514.5	558.9	602.6	644.0	686.0	728.7	766.0	798.4
-65°	343.7	383.1	420.4	457.5	494.8	533.7	571.6	608.2	645.0	680.5	712.5
-67.5°	297.4	333.4	367.5	399.9	432.8	465.9	498.0	530.8	562.5	594.4	624.8
-70°	255.3	284.0	314.3	343.5	371.4	399.5	428.0	455.4	482.2	509.5	536.7
-72.5°	213.6	238.7	263.3	287.2	312.0	336.1	359.4	381.9	405.0	428.6	451.2
-75°	173.4	193.2	214.0	234.6	254.5	273.8	292.6	311.9	331.3	350.5	369.0
-77.5°	134.5	151.8	168.1	183.4	198.1	214.2	229.7	244.6	260.1	275.5	290.1
-80°	98.2	110.4	124.3	137.5	149.1	160.1	170.7	181.0	192.1	204.0	216.0
-82.5°	66.8	75.5	84.4	93.5	101.5	109.0	116.5	124.2	131.8	139.4	147.0
-85°	37.3	40.4	45.7	51.2	56.5	61.5	66.4	71.1	75.5	79.8	83.9
-87.5°	18.6	20.2	21.7	23.2	24.6	26.0	27.3	28.6	29.8	30.9	32.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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°	33.1	32.7	32.1	31.4	30.6	32.7	34.8	36.9	39.0	37.8	36.5
85°	87.7	89.7	91.4	92.8	93.9	98.1	102.2	106.0	109.5	109.4	109.0
82.5°	154.4	159.3	163.6	167.4	170.8	175.7	180.1	183.9	187.1	189.5	191.5
80°	227.5	235.5	242.4	248.7	254.3	260.8	266.8	272.2	276.8	279.3	280.9
77.5°	304.7	316.4	327.0	337.1	346.6	356.0	364.6	372.3	379.0	380.5	380.2
75°	386.5	402.3	417.1	430.9	443.6	454.5	463.7	471.5	477.8	481.0	482.7
72.5°	472.6	492.1	509.6	525.3	538.8	550.1	559.8	568.3	575.4	579.9	582.6
70°	562.5	585.5	603.5	618.3	629.9	641.0	653.6	665.6	676.8	683.1	685.5
67.5°	652.6	676.5	692.9	706.4	717.0	728.1	743.8	758.1	770.8	779.3	784.7
65°	740.8	765.9	782.4	795.4	805.1	816.1	833.8	847.9	858.7	867.2	875.0
62.5°	827.9	853.3	871.6	887.0	901.1	913.3	927.8	939.7	948.9	957.3	966.8
60°	903.4	933.5	952.8	968.4	985.9	1004.8	1015.5	1024.4	1032.1	1038.9	1044.8
57.5°	965.1	992.0	1016.7	1035.5	1053.7	1071.3	1083.9	1092.2	1099.0	1104.0	1106.0
55°	1016.8	1044.5	1072.1	1092.4	1110.3	1126.8	1140.6	1151.5	1160.4	1167.5	1169.2
52.5°	1063.0	1094.1	1121.2	1144.6	1168.4	1187.8	1202.9	1217.7	1230.6	1241.0	1245.5
50°	1113.3	1145.9	1179.7	1211.1	1236.3	1258.5	1276.9	1297.8	1319.8	1338.0	1349.5
47.5°	1166.3	1203.8	1244.7	1283.3	1313.2	1346.0	1376.5	1407.6	1448.5	1482.9	1508.4
45°	1221.6	1269.8	1316.4	1365.4	1406.8	1468.7	1526.2	1575.6	1641.1	1700.6	1747.9
42.5°	1286.9	1346.9	1404.2	1482.8	1565.0	1649.5	1740.9	1818.8	1921.4	2025.8	2110.1
40°	1364.4	1441.0	1541.9	1647.4	1777.2	1893.5	2051.3	2191.8	2349.2	2548.1	2712.4
37.5°	1457.6	1575.7	1716.0	1863.0	2065.6	2259.0	2519.7	2794.5	3043.8	3426.4	3748.4
35°	1578.7	1743.8	1928.5	2188.8	2475.4	2837.9	3244.6	3775.3	4230.3	4875.9	5492.8
32.5°	1734.7	1947.0	2248.6	2650.4	3074.0	3732.2	4377.6	5299.0	6152.2	7175.3	8279.5
30°	1908.4	2231.4	2692.2	3243.3	4033.5	5001.8	6139.5	7554.7	9103.4	10541.4	11958.5
27.5°	2160.0	2622.8	3228.2	4117.4	5349.0	6703.8	8697.0	10618.1	12622.3	14404.0	15889.9
25°	2453.7	3065.4	4001.5	5310.9	6976.5	9296.4	11682.4	14053.3	16208.8	18074.0	19715.8
22.5°	2833.0	3712.8	4960.8	6656.9	9250.5	12030.9	14828.8	17444.0	19743.3	21820.3	23597.5
20°	3245.7	4346.5	6128.8	8657.8	11623.9	14791.6	17950.8	20736.5	23268.2	25623.2	27626.2
17.5°	3768.7	5310.3	7567.3	10601.2	14030.3	17501.1	20820.0	23843.1	26715.3	29207.3	31300.1
15°	4214.3	6159.1	9104.8	12662.9	16372.1	20033.2	23537.1	26820.8	29807.0	32363.9	34331.3
12.5°	4808.8	7110.4	10469.8	14435.3	18454.7	22307.1	25997.8	29391.7	32430.7	34959.5	36491.0
10°	5370.7	8095.3	11789.1	15924.6	20100.5	24205.0	28145.7	31626.5	34448.0	36459.6	37764.8
7.5°	5848.5	8941.7	12862.3	17128.4	21408.1	25699.4	29688.4	33075.1	35676.6	37356.5	38265.2
5°	6205.3	9574.5	13658.9	18106.6	22498.2	26864.8	30822.6	34002.0	36250.4	37498.4	37954.7
2.5°	6432.6	9946.0	14121.2	18748.4	23227.8	27602.2	31600.6	34730.2	36637.9	37465.1	37543.6
0°	6523.4	9994.1	14192.5	19085.1	23411.6	27812.2	31822.0	35029.8	36782.0	37462.6	37449.1
-2.5°	6432.6	9946.0	14121.2	18748.4	23227.8	27602.2	31600.6	34730.2	36637.9	37465.1	37543.6
-5°	6205.3	9574.5	13658.9	18106.6	22498.2	26864.8	30822.6	34002.0	36250.4	37498.4	37954.7
-7.5°	5848.5	8941.7	12862.3	17128.4	21408.1	25699.4	29688.4	33075.1	35676.6	37356.5	38265.2
-10°	5370.7	8095.3	11789.1	15924.6	20100.5	24205.0	28145.7	31626.5	34448.0	36459.6	37764.8
-12.5°	4808.8	7110.4	10469.8	14435.3	18454.7	22307.1	25997.8	29391.7	32430.7	34959.5	36491.0
-15°	4214.3	6159.1	9104.8	12662.9	16372.1	20033.2	23537.1	26820.8	29807.0	32363.9	34331.3
-17.5°	3768.7	5310.3	7567.3	10601.2	14030.3	17501.1	20820.0	23843.1	26715.3	29207.3	31300.1
-20°	3245.7	4346.5	6128.8	8657.8	11623.9	14791.6	17950.8	20736.5	23268.2	25623.2	27626.2

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Scaled Data Report



REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2833.0	3712.8	4960.8	6656.9	9250.5	12030.9	14828.8	17444.0	19743.3	21820.3	23597.5
-25°	2453.7	3065.4	4001.5	5310.9	6976.5	9296.4	11682.4	14053.3	16208.8	18074.0	19715.8
-27.5°	2160.0	2622.8	3228.2	4117.4	5349.0	6703.8	8697.0	10618.1	12622.3	14404.0	15889.9
-30°	1908.4	2231.4	2692.2	3243.3	4033.5	5001.8	6139.5	7554.7	9103.4	10541.4	11958.5
-32.5°	1734.7	1947.0	2248.6	2650.4	3074.0	3732.2	4377.6	5299.0	6152.2	7175.3	8279.5
-35°	1578.7	1743.8	1928.5	2188.8	2475.4	2837.9	3244.6	3775.3	4230.3	4875.9	5492.8
-37.5°	1457.6	1575.7	1716.0	1863.0	2065.6	2259.0	2519.7	2794.5	3043.8	3426.4	3748.4
-40°	1364.4	1441.0	1541.9	1647.4	1777.2	1893.5	2051.3	2191.8	2349.2	2548.1	2712.4
-42.5°	1286.9	1346.9	1404.2	1482.8	1565.0	1649.5	1740.9	1818.8	1921.4	2025.8	2110.1
-45°	1221.6	1269.8	1316.4	1365.4	1406.8	1468.7	1526.2	1575.6	1641.1	1700.6	1747.9
-47.5°	1166.3	1203.8	1244.7	1283.3	1313.2	1346.0	1376.5	1407.6	1448.5	1482.9	1508.4
-50°	1113.3	1145.9	1179.7	1211.1	1236.3	1258.5	1276.9	1297.8	1319.8	1338.0	1349.5
-52.5°	1063.0	1094.1	1121.2	1144.6	1168.4	1187.8	1202.9	1217.7	1230.6	1241.0	1245.5
-55°	1016.8	1044.5	1072.1	1092.4	1110.3	1126.8	1140.6	1151.5	1160.4	1167.5	1169.2
-57.5°	965.1	992.0	1016.7	1035.5	1053.7	1071.3	1083.9	1092.2	1099.0	1104.0	1106.0
-60°	903.4	933.5	952.8	968.4	985.9	1004.8	1015.5	1024.4	1032.1	1038.9	1044.8
-62.5°	827.9	853.3	871.6	887.0	901.1	913.3	927.8	939.7	948.9	957.3	966.8
-65°	740.8	765.9	782.4	795.4	805.1	816.1	833.8	847.9	858.7	867.2	875.0
-67.5°	652.6	676.5	692.9	706.4	717.0	728.1	743.8	758.1	770.8	779.3	784.7
-70°	562.5	585.5	603.5	618.3	629.9	641.0	653.6	665.6	676.8	683.1	685.5
-72.5°	472.6	492.1	509.6	525.3	538.8	550.1	559.8	568.3	575.4	579.9	582.6
-75°	386.5	402.3	417.1	430.9	443.6	454.5	463.7	471.5	477.8	481.0	482.7
-77.5°	304.7	316.4	327.0	337.1	346.6	356.0	364.6	372.3	379.0	380.5	380.2
-80°	227.5	235.5	242.4	248.7	254.3	260.8	266.8	272.2	276.8	279.3	280.9
-82.5°	154.4	159.3	163.6	167.4	170.8	175.7	180.1	183.9	187.1	189.5	191.5
-85°	87.7	89.7	91.4	92.8	93.9	98.1	102.2	106.0	109.5	109.4	109.0
-87.5°	33.1	32.7	32.1	31.4	30.6	32.7	34.8	36.9	39.0	37.8	36.5
-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: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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°	35.1	33.6	33.7	33.7	33.7	33.6	35.1	36.5	37.8	39.0	36.9
85°	108.2	107.2	104.3	101.1	104.3	107.2	108.2	109.0	109.4	109.5	106.0
82.5°	193.2	194.4	191.8	188.7	191.8	194.4	193.2	191.5	189.5	187.1	183.9
80°	281.7	281.7	279.4	276.3	279.4	281.7	281.7	280.9	279.3	276.8	272.2
77.5°	378.6	375.8	376.9	377.4	376.9	375.8	378.6	380.2	380.5	379.0	372.3
75°	483.4	482.9	481.4	478.5	481.4	482.9	483.4	482.7	481.0	477.8	471.5
72.5°	583.9	583.8	582.4	579.6	582.4	583.8	583.9	582.6	579.9	575.4	568.3
70°	686.1	684.8	686.6	687.4	686.6	684.8	686.1	685.5	683.1	676.8	665.6
67.5°	788.9	791.6	791.2	788.5	791.2	791.6	788.9	784.7	779.3	770.8	758.1
65°	881.2	885.8	888.6	889.6	888.6	885.8	881.2	875.0	867.2	858.7	847.9
62.5°	974.3	979.6	979.9	977.2	979.9	979.6	974.3	966.8	957.3	948.9	939.7
60°	1048.0	1048.9	1047.6	1044.6	1047.6	1048.9	1048.0	1044.8	1038.9	1032.1	1024.4
57.5°	1106.0	1104.0	1101.7	1098.5	1101.7	1104.0	1106.0	1106.0	1104.0	1099.0	1092.2
55°	1168.3	1165.1	1162.3	1159.1	1162.3	1165.1	1168.3	1169.2	1167.5	1160.4	1151.5
52.5°	1246.5	1244.8	1242.9	1240.0	1242.9	1244.8	1246.5	1245.5	1241.0	1230.6	1217.7
50°	1355.3	1357.0	1356.9	1354.6	1356.9	1357.0	1355.3	1349.5	1338.0	1319.8	1297.8
47.5°	1524.5	1533.5	1539.6	1543.3	1539.6	1533.5	1524.5	1508.4	1482.9	1448.5	1407.6
45°	1778.1	1796.1	1808.9	1819.6	1808.9	1796.1	1778.1	1747.9	1700.6	1641.1	1575.6
42.5°	2169.4	2209.7	2228.7	2223.9	2228.7	2209.7	2169.4	2110.1	2025.8	1921.4	1818.8
40°	2821.9	2887.0	2923.0	2951.7	2923.0	2887.0	2821.9	2712.4	2548.1	2349.2	2191.8
37.5°	3968.2	4094.4	4160.9	4218.7	4160.9	4094.4	3968.2	3748.4	3426.4	3043.8	2794.5
35°	5953.7	6237.6	6389.7	6442.6	6389.7	6237.6	5953.7	5492.8	4875.9	4230.3	3775.3
32.5°	9138.8	9662.6	9952.2	10176.0	9952.2	9662.6	9138.8	8279.5	7175.3	6152.2	5299.0
30°	13080.6	13770.5	14153.7	14340.8	14153.7	13770.5	13080.6	11958.5	10541.4	9103.4	7554.7
27.5°	17121.5	17905.8	18318.9	18296.6	18318.9	17905.8	17121.5	15889.9	14404.0	12622.3	10618.1
25°	21123.3	22031.8	22443.3	22811.8	22443.3	22031.8	21123.3	19715.8	18074.0	16208.8	14053.3
22.5°	25170.7	26233.0	26812.6	27084.4	26812.6	26233.0	25170.7	23597.5	21820.3	19743.3	17444.0
20°	29169.9	30352.4	30967.8	31235.7	30967.8	30352.4	29169.9	27626.2	25623.2	23268.2	20736.5
17.5°	32716.7	33871.1	34457.7	34706.3	34457.7	33871.1	32716.7	31300.1	29207.3	26715.3	23843.1
15°	35548.9	36400.4	36899.2	37031.3	36899.2	36400.4	35548.9	34331.3	32363.9	29807.0	26820.8
12.5°	37506.6	37836.5	38076.3	38150.0	38076.3	37836.5	37506.6	36491.0	34959.5	32430.7	29391.7
10°	38507.5	38358.7	38297.2	38305.0	38297.2	38358.7	38507.5	37764.8	36459.6	34448.0	31626.5
7.5°	38438.7	38218.3	37775.7	37705.2	37775.7	38218.3	38438.7	38265.2	37356.5	35676.6	33075.1
5°	37886.4	37485.2	36750.6	36539.3	36750.6	37485.2	37886.4	37954.7	37498.4	36250.4	34002.0
2.5°	37242.7	36519.5	35842.7	35407.2	35842.7	36519.5	37242.7	37543.6	37465.1	36637.9	34730.2
0°	37051.5	36215.9	35339.8	35056.7	35339.8	36215.9	37051.5	37449.1	37462.6	36782.0	35029.8
-2.5°	37242.7	36519.5	35842.7	35407.2	35842.7	36519.5	37242.7	37543.6	37465.1	36637.9	34730.2
-5°	37886.4	37485.2	36750.6	36539.3	36750.6	37485.2	37886.4	37954.7	37498.4	36250.4	34002.0
-7.5°	38438.7	38218.3	37775.7	37705.2	37775.7	38218.3	38438.7	38265.2	37356.5	35676.6	33075.1
-10°	38507.5	38358.7	38297.2	38305.0	38297.2	38358.7	38507.5	37764.8	36459.6	34448.0	31626.5
-12.5°	37506.6	37836.5	38076.3	38150.0	38076.3	37836.5	37506.6	36491.0	34959.5	32430.7	29391.7
-15°	35548.9	36400.4	36899.2	37031.3	36899.2	36400.4	35548.9	34331.3	32363.9	29807.0	26820.8
-17.5°	32716.7	33871.1	34457.7	34706.3	34457.7	33871.1	32716.7	31300.1	29207.3	26715.3	23843.1
-20°	29169.9	30352.4	30967.8	31235.7	30967.8	30352.4	29169.9	27626.2	25623.2	23268.2	20736.5



REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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°	25170.7	26233.0	26812.6	27084.4	26812.6	26233.0	25170.7	23597.5	21820.3	19743.3	17444.0
-25°	21123.3	22031.8	22443.3	22811.8	22443.3	22031.8	21123.3	19715.8	18074.0	16208.8	14053.3
-27.5°	17121.5	17905.8	18318.9	18296.6	18318.9	17905.8	17121.5	15889.9	14404.0	12622.3	10618.1
-30°	13080.6	13770.5	14153.7	14340.8	14153.7	13770.5	13080.6	11958.5	10541.4	9103.4	7554.7
-32.5°	9138.8	9662.6	9952.2	10176.0	9952.2	9662.6	9138.8	8279.5	7175.3	6152.2	5299.0
-35°	5953.7	6237.6	6389.7	6442.6	6389.7	6237.6	5953.7	5492.8	4875.9	4230.3	3775.3
-37.5°	3968.2	4094.4	4160.9	4218.7	4160.9	4094.4	3968.2	3748.4	3426.4	3043.8	2794.5
-40°	2821.9	2887.0	2923.0	2951.7	2923.0	2887.0	2821.9	2712.4	2548.1	2349.2	2191.8
-42.5°	2169.4	2209.7	2228.7	2223.9	2228.7	2209.7	2169.4	2110.1	2025.8	1921.4	1818.8
-45°	1778.1	1796.1	1808.9	1819.6	1808.9	1796.1	1778.1	1747.9	1700.6	1641.1	1575.6
-47.5°	1524.5	1533.5	1539.6	1543.3	1539.6	1533.5	1524.5	1508.4	1482.9	1448.5	1407.6
-50°	1355.3	1357.0	1356.9	1354.6	1356.9	1357.0	1355.3	1349.5	1338.0	1319.8	1297.8
-52.5°	1246.5	1244.8	1242.9	1240.0	1242.9	1244.8	1246.5	1245.5	1241.0	1230.6	1217.7
-55°	1168.3	1165.1	1162.3	1159.1	1162.3	1165.1	1168.3	1169.2	1167.5	1160.4	1151.5
-57.5°	1106.0	1104.0	1101.7	1098.5	1101.7	1104.0	1106.0	1106.0	1104.0	1099.0	1092.2
-60°	1048.0	1048.9	1047.6	1044.6	1047.6	1048.9	1048.0	1044.8	1038.9	1032.1	1024.4
-62.5°	974.3	979.6	979.9	977.2	979.9	979.6	974.3	966.8	957.3	948.9	939.7
-65°	881.2	885.8	888.6	889.6	888.6	885.8	881.2	875.0	867.2	858.7	847.9
-67.5°	788.9	791.6	791.2	788.5	791.2	791.6	788.9	784.7	779.3	770.8	758.1
-70°	686.1	684.8	686.6	687.4	686.6	684.8	686.1	685.5	683.1	676.8	665.6
-72.5°	583.9	583.8	582.4	579.6	582.4	583.8	583.9	582.6	579.9	575.4	568.3
-75°	483.4	482.9	481.4	478.5	481.4	482.9	483.4	482.7	481.0	477.8	471.5
-77.5°	378.6	375.8	376.9	377.4	376.9	375.8	378.6	380.2	380.5	379.0	372.3
-80°	281.7	281.7	279.4	276.3	279.4	281.7	281.7	280.9	279.3	276.8	272.2
-82.5°	193.2	194.4	191.8	188.7	191.8	194.4	193.2	191.5	189.5	187.1	183.9
-85°	108.2	107.2	104.3	101.1	104.3	107.2	108.2	109.0	109.4	109.5	106.0
-87.5°	35.1	33.6	33.7	33.7	33.7	33.6	35.1	36.5	37.8	39.0	36.9
-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: P627677 (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°	34.8	32.7	30.6	31.4	32.1	32.7	33.1	32.0	30.9	29.8	28.6
85°	102.2	98.1	93.9	92.8	91.4	89.7	87.7	83.9	79.8	75.5	71.1
82.5°	180.1	175.7	170.8	167.4	163.6	159.3	154.4	147.0	139.4	131.8	124.2
80°	266.8	260.8	254.3	248.7	242.4	235.5	227.5	216.0	204.0	192.1	181.0
77.5°	364.6	356.0	346.6	337.1	327.0	316.4	304.7	290.1	275.5	260.1	244.6
75°	463.7	454.5	443.6	430.9	417.1	402.3	386.5	369.0	350.5	331.3	311.9
72.5°	559.8	550.1	538.8	525.3	509.6	492.1	472.6	451.2	428.6	405.0	381.9
70°	653.6	641.0	629.9	618.3	603.5	585.5	562.5	536.7	509.5	482.2	455.4
67.5°	743.8	728.1	717.0	706.4	692.9	676.5	652.6	624.8	594.4	562.5	530.8
65°	833.8	816.1	805.1	795.4	782.4	765.9	740.8	712.5	680.5	645.0	608.2
62.5°	927.8	913.3	901.1	887.0	871.6	853.3	827.9	798.4	766.0	728.7	686.0
60°	1015.5	1004.8	985.9	968.4	952.8	933.5	903.4	875.0	848.6	805.7	759.8
57.5°	1083.9	1071.3	1053.7	1035.5	1016.7	992.0	965.1	938.2	907.5	871.4	828.7
55°	1140.6	1126.8	1110.3	1092.4	1072.1	1044.5	1016.8	988.1	958.4	928.3	886.6
52.5°	1202.9	1187.8	1168.4	1144.6	1121.2	1094.1	1063.0	1032.5	1004.9	974.1	939.9
50°	1276.9	1258.5	1236.3	1211.1	1179.7	1145.9	1113.3	1077.7	1048.7	1018.7	983.9
47.5°	1376.5	1346.0	1313.2	1283.3	1244.7	1203.8	1166.3	1129.6	1095.3	1062.9	1027.3
45°	1526.2	1468.7	1406.8	1365.4	1316.4	1269.8	1221.6	1180.3	1141.0	1104.5	1071.1
42.5°	1740.9	1649.5	1565.0	1482.8	1404.2	1346.9	1286.9	1235.6	1188.1	1144.9	1105.7
40°	2051.3	1893.5	1777.2	1647.4	1541.9	1441.0	1364.4	1294.5	1239.6	1188.1	1140.7
37.5°	2519.7	2259.0	2065.6	1863.0	1716.0	1575.7	1457.6	1366.6	1292.0	1232.3	1177.1
35°	3244.6	2837.9	2475.4	2188.8	1928.5	1743.8	1578.7	1451.3	1355.7	1277.7	1213.2
32.5°	4377.6	3732.2	3074.0	2650.4	2248.6	1947.0	1734.7	1559.3	1423.9	1331.2	1253.6
30°	6139.5	5001.8	4033.5	3243.3	2692.2	2231.4	1908.4	1693.9	1520.6	1385.2	1294.5
27.5°	8697.0	6703.8	5349.0	4117.4	3228.2	2622.8	2160.0	1837.8	1622.4	1460.9	1341.5
25°	11682.4	9296.4	6976.5	5310.9	4001.5	3065.4	2453.7	2039.5	1748.4	1539.8	1382.7
22.5°	14828.8	12030.9	9250.5	6656.9	4960.8	3712.8	2833.0	2242.8	1867.4	1623.8	1442.8
20°	17950.8	14791.6	11623.9	8657.8	6128.8	4346.5	3245.7	2512.7	2033.5	1718.0	1499.7
17.5°	20820.0	17501.1	14030.3	10601.2	7567.3	5310.3	3768.7	2785.5	2178.4	1801.7	1549.0
15°	23537.1	20033.2	16372.1	12662.9	9104.8	6159.1	4214.3	3023.2	2329.0	1898.9	1613.4
12.5°	25997.8	22307.1	18454.7	14435.3	10469.8	7110.4	4808.8	3373.6	2514.2	1999.8	1674.2
10°	28145.7	24205.0	20100.5	15924.6	11789.1	8095.3	5370.7	3672.4	2674.5	2083.4	1723.9
7.5°	29688.4	25699.4	21408.1	17128.4	12862.3	8941.7	5848.5	3908.9	2800.4	2147.5	1762.1
5°	30822.6	26864.8	22498.2	18106.6	13658.9	9574.5	6205.3	4075.3	2890.4	2191.8	1788.7
2.5°	31600.6	27602.2	23227.8	18748.4	14121.2	9946.0	6432.6	4164.7	2933.0	2226.6	1803.4
0°	31822.0	27812.2	23411.6	19085.1	14192.5	9994.1	6523.4	4178.2	2931.5	2244.1	1806.1
-2.5°	31600.6	27602.2	23227.8	18748.4	14121.2	9946.0	6432.6	4164.7	2933.0	2226.6	1803.4
-5°	30822.6	26864.8	22498.2	18106.6	13658.9	9574.5	6205.3	4075.3	2890.4	2191.8	1788.7
-7.5°	29688.4	25699.4	21408.1	17128.4	12862.3	8941.7	5848.5	3908.9	2800.4	2147.5	1762.1
-10°	28145.7	24205.0	20100.5	15924.6	11789.1	8095.3	5370.7	3672.4	2674.5	2083.4	1723.9
-12.5°	25997.8	22307.1	18454.7	14435.3	10469.8	7110.4	4808.8	3373.6	2514.2	1999.8	1674.2
-15°	23537.1	20033.2	16372.1	12662.9	9104.8	6159.1	4214.3	3023.2	2329.0	1898.9	1613.4
-17.5°	20820.0	17501.1	14030.3	10601.2	7567.3	5310.3	3768.7	2785.5	2178.4	1801.7	1549.0
-20°	17950.8	14791.6	11623.9	8657.8	6128.8	4346.5	3245.7	2512.7	2033.5	1718.0	1499.7



REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14828.8	12030.9	9250.5	6656.9	4960.8	3712.8	2833.0	2242.8	1867.4	1623.8	1442.8
-25°	11682.4	9296.4	6976.5	5310.9	4001.5	3065.4	2453.7	2039.5	1748.4	1539.8	1382.7
-27.5°	8697.0	6703.8	5349.0	4117.4	3228.2	2622.8	2160.0	1837.8	1622.4	1460.9	1341.5
-30°	6139.5	5001.8	4033.5	3243.3	2692.2	2231.4	1908.4	1693.9	1520.6	1385.2	1294.5
-32.5°	4377.6	3732.2	3074.0	2650.4	2248.6	1947.0	1734.7	1559.3	1423.9	1331.2	1253.6
-35°	3244.6	2837.9	2475.4	2188.8	1928.5	1743.8	1578.7	1451.3	1355.7	1277.7	1213.2
-37.5°	2519.7	2259.0	2065.6	1863.0	1716.0	1575.7	1457.6	1366.6	1292.0	1232.3	1177.1
-40°	2051.3	1893.5	1777.2	1647.4	1541.9	1441.0	1364.4	1294.5	1239.6	1188.1	1140.7
-42.5°	1740.9	1649.5	1565.0	1482.8	1404.2	1346.9	1286.9	1235.6	1188.1	1144.9	1105.7
-45°	1526.2	1468.7	1406.8	1365.4	1316.4	1269.8	1221.6	1180.3	1141.0	1104.5	1071.1
-47.5°	1376.5	1346.0	1313.2	1283.3	1244.7	1203.8	1166.3	1129.6	1095.3	1062.9	1027.3
-50°	1276.9	1258.5	1236.3	1211.1	1179.7	1145.9	1113.3	1077.7	1048.7	1018.7	983.9
-52.5°	1202.9	1187.8	1168.4	1144.6	1121.2	1094.1	1063.0	1032.5	1004.9	974.1	939.9
-55°	1140.6	1126.8	1110.3	1092.4	1072.1	1044.5	1016.8	988.1	958.4	928.3	886.6
-57.5°	1083.9	1071.3	1053.7	1035.5	1016.7	992.0	965.1	938.2	907.5	871.4	828.7
-60°	1015.5	1004.8	985.9	968.4	952.8	933.5	903.4	875.0	848.6	805.7	759.8
-62.5°	927.8	913.3	901.1	887.0	871.6	853.3	827.9	798.4	766.0	728.7	686.0
-65°	833.8	816.1	805.1	795.4	782.4	765.9	740.8	712.5	680.5	645.0	608.2
-67.5°	743.8	728.1	717.0	706.4	692.9	676.5	652.6	624.8	594.4	562.5	530.8
-70°	653.6	641.0	629.9	618.3	603.5	585.5	562.5	536.7	509.5	482.2	455.4
-72.5°	559.8	550.1	538.8	525.3	509.6	492.1	472.6	451.2	428.6	405.0	381.9
-75°	463.7	454.5	443.6	430.9	417.1	402.3	386.5	369.0	350.5	331.3	311.9
-77.5°	364.6	356.0	346.6	337.1	327.0	316.4	304.7	290.1	275.5	260.1	244.6
-80°	266.8	260.8	254.3	248.7	242.4	235.5	227.5	216.0	204.0	192.1	181.0
-82.5°	180.1	175.7	170.8	167.4	163.6	159.3	154.4	147.0	139.4	131.8	124.2
-85°	102.2	98.1	93.9	92.8	91.4	89.7	87.7	83.9	79.8	75.5	71.1
-87.5°	34.8	32.7	30.6	31.4	32.1	32.7	33.1	32.0	30.9	29.8	28.6
-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: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-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°	27.3	26.0	24.6	23.2	21.7	20.2	18.6	17.1	14.8	12.7	10.6
85°	66.4	61.5	56.5	51.2	45.7	40.4	37.3	34.1	29.6	25.3	21.2
82.5°	116.5	109.0	101.5	93.5	84.4	75.5	66.8	58.2	48.7	38.6	31.7
80°	170.7	160.1	149.1	137.5	124.3	110.4	98.2	86.4	74.8	62.5	49.5
77.5°	229.7	214.2	198.1	183.4	168.1	151.8	134.5	116.5	100.9	86.4	70.9
75°	292.6	273.8	254.5	234.6	214.0	193.2	173.4	152.6	131.8	110.6	92.2
72.5°	359.4	336.1	312.0	287.2	263.3	238.7	213.6	188.4	164.1	139.4	114.4
70°	428.0	399.5	371.4	343.5	314.3	284.0	255.3	225.7	196.2	168.0	139.4
67.5°	498.0	465.9	432.8	399.9	367.5	333.4	297.4	262.8	229.2	196.1	164.1
65°	571.6	533.7	494.8	457.5	420.4	383.1	343.7	300.7	261.5	224.5	188.4
62.5°	644.0	602.6	558.9	514.5	472.3	431.0	389.2	341.3	294.0	252.2	212.3
60°	714.2	667.8	620.8	571.7	523.5	477.4	430.9	380.8	329.2	279.2	235.7
57.5°	778.5	729.8	677.3	625.6	573.8	522.6	471.3	418.1	363.5	308.6	258.4
55°	838.9	785.9	731.1	675.2	620.8	566.3	510.6	453.9	396.4	337.8	280.6
52.5°	895.6	840.2	782.0	722.7	663.9	607.6	548.8	488.7	427.7	365.9	305.0
50°	945.2	893.1	831.6	768.9	705.1	645.7	585.9	522.3	458.0	393.0	328.9
47.5°	986.9	939.0	879.5	813.5	746.5	683.0	620.7	554.9	487.2	418.9	351.7
45°	1027.5	981.4	923.9	856.5	787.3	720.2	654.1	586.1	515.3	444.0	373.6
42.5°	1065.7	1019.6	965.9	897.8	826.4	756.0	686.5	615.7	542.2	467.8	394.4
40°	1098.2	1053.1	1005.5	937.6	863.2	789.8	717.4	644.1	567.9	490.5	414.0
37.5°	1129.9	1083.6	1034.6	975.0	897.7	821.5	746.4	671.5	592.7	512.4	432.5
35°	1160.5	1112.7	1060.7	1004.0	929.8	851.0	773.4	697.0	616.0	533.3	449.8
32.5°	1187.8	1138.7	1084.7	1027.5	959.4	878.4	798.5	719.4	637.5	553.2	465.9
30°	1220.4	1160.6	1106.4	1050.6	984.7	903.4	821.6	740.3	657.4	571.9	481.0
27.5°	1251.7	1181.6	1125.7	1069.8	1004.6	926.1	843.1	759.6	675.6	588.9	496.0
25°	1281.8	1205.7	1143.7	1085.9	1023.6	947.8	862.7	777.3	691.6	603.7	509.8
22.5°	1316.5	1227.7	1160.5	1099.8	1041.9	967.4	880.6	793.4	705.9	617.0	522.4
20°	1347.4	1245.9	1176.0	1112.9	1055.5	982.2	896.5	807.7	718.6	628.8	533.8
17.5°	1377.5	1266.5	1191.2	1125.6	1065.7	995.2	910.4	820.2	729.8	639.0	544.0
15°	1419.3	1290.1	1204.4	1136.4	1074.4	1006.3	922.4	830.9	739.4	647.6	553.1
12.5°	1455.2	1309.9	1215.3	1145.3	1081.4	1015.4	932.3	839.8	747.3	655.3	561.1
10°	1484.3	1325.7	1223.8	1152.1	1086.8	1022.6	940.1	847.3	754.7	662.0	567.8
7.5°	1506.4	1337.5	1229.8	1157.0	1090.6	1027.8	947.4	854.0	760.6	667.2	572.9
5°	1521.4	1345.2	1234.9	1159.7	1092.7	1031.0	952.7	858.8	764.9	670.9	576.6
2.5°	1529.2	1348.6	1238.7	1160.5	1093.0	1032.1	955.9	861.6	767.4	673.2	578.9
0°	1529.8	1347.8	1240.0	1159.1	1091.7	1031.1	957.0	862.6	768.3	673.9	579.6
-2.5°	1529.2	1348.6	1238.7	1160.5	1093.0	1032.1	955.9	861.6	767.4	673.2	578.9
-5°	1521.4	1345.2	1234.9	1159.7	1092.7	1031.0	952.7	858.8	764.9	670.9	576.6
-7.5°	1506.4	1337.5	1229.8	1157.0	1090.6	1027.8	947.4	854.0	760.6	667.2	572.9
-10°	1484.3	1325.7	1223.8	1152.1	1086.8	1022.6	940.1	847.3	754.7	662.0	567.8
-12.5°	1455.2	1309.9	1215.3	1145.3	1081.4	1015.4	932.3	839.8	747.3	655.3	561.1
-15°	1419.3	1290.1	1204.4	1136.4	1074.4	1006.3	922.4	830.9	739.4	647.6	553.1
-17.5°	1377.5	1266.5	1191.2	1125.6	1065.7	995.2	910.4	820.2	729.8	639.0	544.0
-20°	1347.4	1245.9	1176.0	1112.9	1055.5	982.2	896.5	807.7	718.6	628.8	533.8

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REPORT NUMBER: P627677 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1316.5	1227.7	1160.5	1099.8	1041.9	967.4	880.6	793.4	705.9	617.0	522.4
-25°	1281.8	1205.7	1143.7	1085.9	1023.6	947.8	862.7	777.3	691.6	603.7	509.8
-27.5°	1251.7	1181.6	1125.7	1069.8	1004.6	926.1	843.1	759.6	675.6	588.9	496.0
-30°	1220.4	1160.6	1106.4	1050.6	984.7	903.4	821.6	740.3	657.4	571.9	481.0
-32.5°	1187.8	1138.7	1084.7	1027.5	959.4	878.4	798.5	719.4	637.5	553.2	465.9
-35°	1160.5	1112.7	1060.7	1004.0	929.8	851.0	773.4	697.0	616.0	533.3	449.8
-37.5°	1129.9	1083.6	1034.6	975.0	897.7	821.5	746.4	671.5	592.7	512.4	432.5
-40°	1098.2	1053.1	1005.5	937.6	863.2	789.8	717.4	644.1	567.9	490.5	414.0
-42.5°	1065.7	1019.6	965.9	897.8	826.4	756.0	686.5	615.7	542.2	467.8	394.4
-45°	1027.5	981.4	923.9	856.5	787.3	720.2	654.1	586.1	515.3	444.0	373.6
-47.5°	986.9	939.0	879.5	813.5	746.5	683.0	620.7	554.9	487.2	418.9	351.7
-50°	945.2	893.1	831.6	768.9	705.1	645.7	585.9	522.3	458.0	393.0	328.9
-52.5°	895.6	840.2	782.0	722.7	663.9	607.6	548.8	488.7	427.7	365.9	305.0
-55°	838.9	785.9	731.1	675.2	620.8	566.3	510.6	453.9	396.4	337.8	280.6
-57.5°	778.5	729.8	677.3	625.6	573.8	522.6	471.3	418.1	363.5	308.6	258.4
-60°	714.2	667.8	620.8	571.7	523.5	477.4	430.9	380.8	329.2	279.2	235.7
-62.5°	644.0	602.6	558.9	514.5	472.3	431.0	389.2	341.3	294.0	252.2	212.3
-65°	571.6	533.7	494.8	457.5	420.4	383.1	343.7	300.7	261.5	224.5	188.4
-67.5°	498.0	465.9	432.8	399.9	367.5	333.4	297.4	262.8	229.2	196.1	164.1
-70°	428.0	399.5	371.4	343.5	314.3	284.0	255.3	225.7	196.2	168.0	139.4
-72.5°	359.4	336.1	312.0	287.2	263.3	238.7	213.6	188.4	164.1	139.4	114.4
-75°	292.6	273.8	254.5	234.6	214.0	193.2	173.4	152.6	131.8	110.6	92.2
-77.5°	229.7	214.2	198.1	183.4	168.1	151.8	134.5	116.5	100.9	86.4	70.9
-80°	170.7	160.1	149.1	137.5	124.3	110.4	98.2	86.4	74.8	62.5	49.5
-82.5°	116.5	109.0	101.5	93.5	84.4	75.5	66.8	58.2	48.7	38.6	31.7
-85°	66.4	61.5	56.5	51.2	45.7	40.4	37.3	34.1	29.6	25.3	21.2
-87.5°	27.3	26.0	24.6	23.2	21.7	20.2	18.6	17.1	14.8	12.7	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

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REPORT NUMBER: P627677 (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°	8.7	7.3	5.9	4.4	2.9	1.5	0.0
85°	17.4	14.6	11.7	8.8	5.9	2.9	0.0
82.5°	26.1	21.8	17.5	13.2	8.8	4.4	0.0
80°	36.0	29.0	23.3	17.5	11.7	5.9	0.0
77.5°	54.8	39.2	29.0	21.8	14.6	7.3	0.0
75°	73.4	54.8	36.0	26.1	17.4	8.7	0.0
72.5°	91.9	70.2	48.3	30.3	20.2	10.1	0.0
70°	110.5	85.4	60.5	35.4	23.0	11.5	0.0
67.5°	131.6	100.4	72.5	44.5	25.8	12.9	0.0
65°	152.2	116.3	84.3	53.3	28.5	14.2	0.0
62.5°	172.3	132.8	95.9	62.0	31.1	15.6	0.0
60°	191.9	149.0	107.2	70.5	33.7	16.8	0.0
57.5°	211.5	164.6	119.6	78.8	39.1	18.1	0.0
55°	230.7	179.8	131.6	86.9	44.4	19.3	0.0
52.5°	249.5	194.6	143.2	94.7	49.4	20.5	0.0
50°	267.8	209.9	154.4	102.3	54.3	21.7	0.0
47.5°	285.8	224.8	165.1	109.7	59.0	22.8	0.0
45°	304.4	239.1	175.4	117.4	63.5	23.8	0.0
42.5°	322.2	252.9	185.2	124.7	67.8	24.8	0.0
40°	339.0	266.2	195.1	131.5	71.8	25.8	0.0
37.5°	354.9	278.8	205.1	137.8	75.6	26.7	0.0
35°	369.8	291.1	214.6	143.7	79.1	27.6	0.0
32.5°	383.7	302.8	223.6	149.2	82.4	28.4	0.0
30°	396.6	313.6	232.1	154.4	85.5	29.2	0.0
27.5°	408.3	323.6	239.6	159.1	88.2	29.9	0.0
25°	419.0	332.7	246.4	163.4	90.7	30.5	0.0
22.5°	428.6	340.8	252.5	167.3	93.0	31.1	0.0
20°	437.1	347.6	258.0	170.7	95.0	31.7	0.0
17.5°	444.8	353.6	262.7	173.7	96.7	32.1	0.0
15°	451.7	358.7	266.8	176.3	98.1	32.6	0.0
12.5°	457.7	363.0	270.2	178.4	99.3	32.9	0.0
10°	462.6	366.3	272.9	180.0	100.2	33.2	0.0
7.5°	466.5	368.8	274.8	181.2	100.8	33.4	0.0
5°	469.4	370.3	276.0	182.0	101.2	33.6	0.0
2.5°	471.1	370.9	276.5	182.2	101.3	33.7	0.0
0°	471.7	370.6	276.3	182.0	101.1	33.7	0.0
-2.5°	471.1	370.9	276.5	182.2	101.3	33.7	0.0
-5°	469.4	370.3	276.0	182.0	101.2	33.6	0.0
-7.5°	466.5	368.8	274.8	181.2	100.8	33.4	0.0
-10°	462.6	366.3	272.9	180.0	100.2	33.2	0.0
-12.5°	457.7	363.0	270.2	178.4	99.3	32.9	0.0
-15°	451.7	358.7	266.8	176.3	98.1	32.6	0.0
-17.5°	444.8	353.6	262.7	173.7	96.7	32.1	0.0
-20°	437.1	347.6	258.0	170.7	95.0	31.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	428.6	340.8	252.5	167.3	93.0	31.1	0.0
-25°	419.0	332.7	246.4	163.4	90.7	30.5	0.0
-27.5°	408.3	323.6	239.6	159.1	88.2	29.9	0.0
-30°	396.6	313.6	232.1	154.4	85.5	29.2	0.0
-32.5°	383.7	302.8	223.6	149.2	82.4	28.4	0.0
-35°	369.8	291.1	214.6	143.7	79.1	27.6	0.0
-37.5°	354.9	278.8	205.1	137.8	75.6	26.7	0.0
-40°	339.0	266.2	195.1	131.5	71.8	25.8	0.0
-42.5°	322.2	252.9	185.2	124.7	67.8	24.8	0.0
-45°	304.4	239.1	175.4	117.4	63.5	23.8	0.0
-47.5°	285.8	224.8	165.1	109.7	59.0	22.8	0.0
-50°	267.8	209.9	154.4	102.3	54.3	21.7	0.0
-52.5°	249.5	194.6	143.2	94.7	49.4	20.5	0.0
-55°	230.7	179.8	131.6	86.9	44.4	19.3	0.0
-57.5°	211.5	164.6	119.6	78.8	39.1	18.1	0.0
-60°	191.9	149.0	107.2	70.5	33.7	16.8	0.0
-62.5°	172.3	132.8	95.9	62.0	31.1	15.6	0.0
-65°	152.2	116.3	84.3	53.3	28.5	14.2	0.0
-67.5°	131.6	100.4	72.5	44.5	25.8	12.9	0.0
-70°	110.5	85.4	60.5	35.4	23.0	11.5	0.0
-72.5°	91.9	70.2	48.3	30.3	20.2	10.1	0.0
-75°	73.4	54.8	36.0	26.1	17.4	8.7	0.0
-77.5°	54.8	39.2	29.0	21.8	14.6	7.3	0.0
-80°	36.0	29.0	23.3	17.5	11.7	5.9	0.0
-82.5°	26.1	21.8	17.5	13.2	8.8	4.4	0.0
-85°	17.4	14.6	11.7	8.8	5.9	2.9	0.0
-87.5°	8.7	7.3	5.9	4.4	2.9	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)