

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



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: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627917 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-727-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N137
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

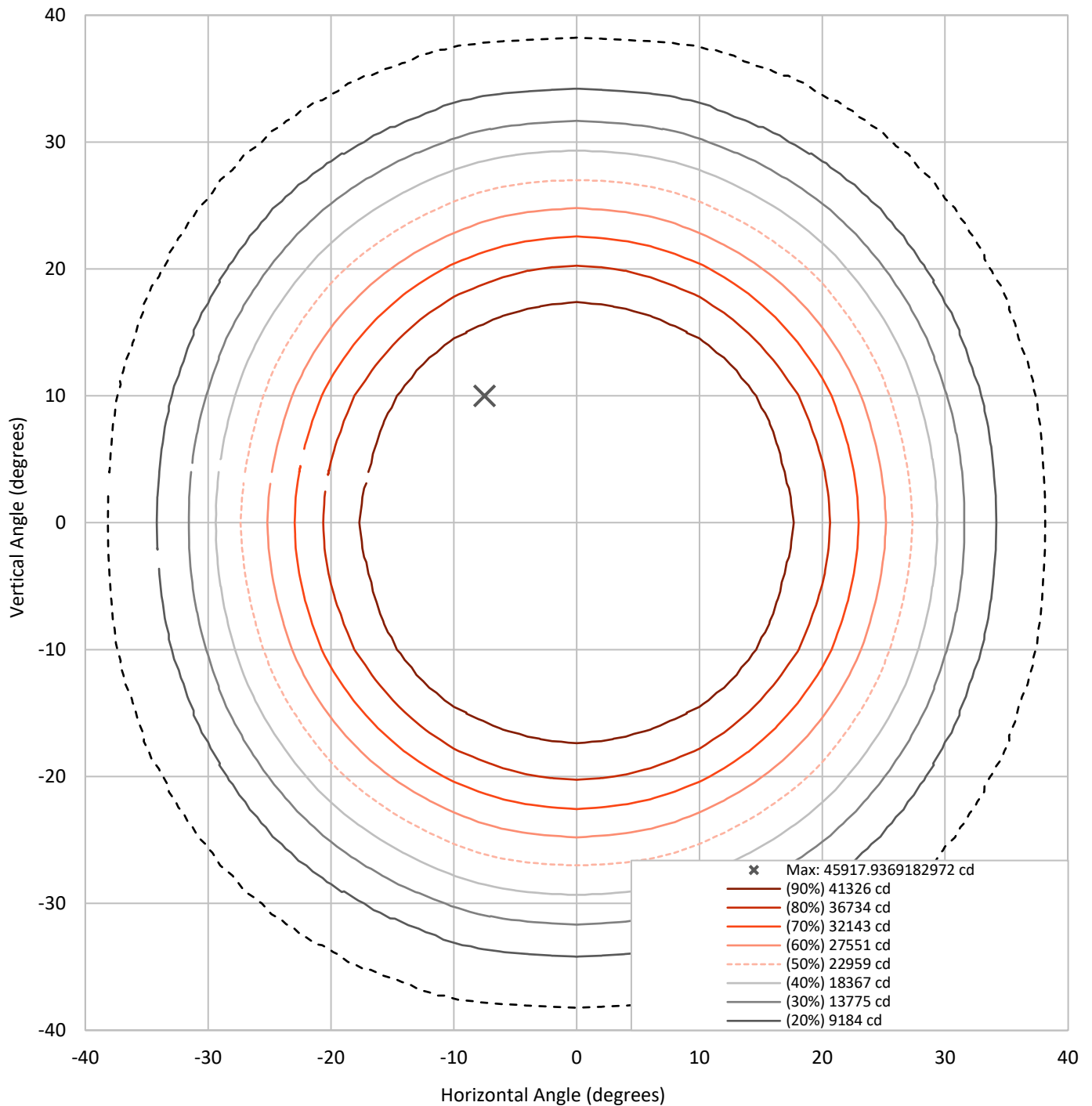
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	39080.5 lumens	Max Intensity:	45917.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	119.9 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:	25939.3 lumens	Field Lumens:	33728.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	325.9		
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





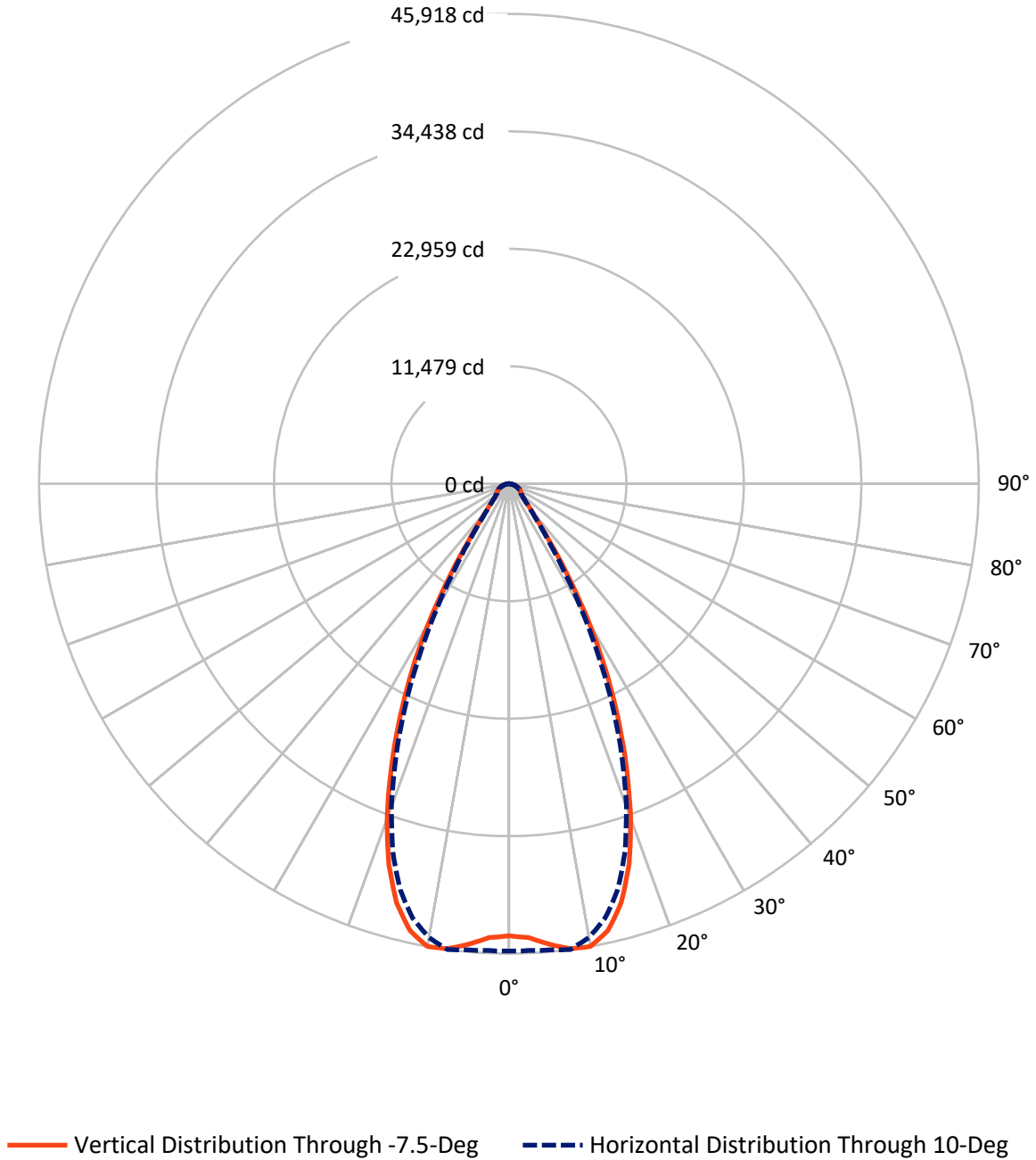
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Lumen Table

90																
80	1.0	9.2		24.5		38.8		43.3		38.8		24.5		9.2		1.0
70																
60	4.2	4.7	9.6	15.6	21.9	26.6	30.0	31.8	31.8	30.0	26.6	21.9	15.6	9.6	4.7	4.2
50		7.0	14.1	22.6	30.1	36.5	40.8	42.6	42.6	40.8	36.5	30.1	22.6	14.1	7.0	
40	7.3	9.1	17.9	27.4	36.7	47.7	60.0	68.9	68.9	60.0	47.7	36.7	27.4	17.9	9.1	7.3
30		10.8	20.7	31.5	48.7	88.8	170.0	252.0	252.0	170.0	88.8	48.7	31.5	20.7	10.8	
20	9.5	12.0	22.6	36.7	80.0	250.9	562.8	785.9	785.9	562.8	250.9	80.0	36.7	22.6	12.0	9.5
10		12.9	23.8	43.6	144.7	534.8	1021.3	1278.3	1278.3	1021.3	534.8	144.7	43.6	23.8	12.9	
0	10.2	13.3	24.4	49.1	208.3	731.9	1239.1	1348.2	1348.2	1239.1	731.9	208.3	49.1	24.4	13.3	10.2
-10		13.3	24.4	49.1	208.3	731.9	1239.1	1348.2	1348.2	1239.1	731.9	208.3	49.1	24.4	13.3	
-20	9.5	12.9	23.8	43.6	144.7	534.8	1021.3	1278.3	1278.3	1021.3	534.8	144.7	43.6	23.8	12.9	9.5
-30		12.0	22.6	36.7	80.0	250.9	562.8	785.9	785.9	562.8	250.9	80.0	36.7	22.6	12.0	
-40	7.3	10.8	20.7	31.5	48.7	88.8	170.0	252.0	252.0	170.0	88.8	48.7	31.5	20.7	10.8	7.3
-50		9.1	17.9	27.4	36.7	47.7	60.0	68.9	68.9	60.0	47.7	36.7	27.4	17.9	9.1	
-60	4.2	7.0	14.1	22.6	30.1	36.5	40.8	42.6	42.6	40.8	36.5	30.1	22.6	14.1	7.0	4.2
-70		4.7	9.6	15.6	21.9	26.6	30.0	31.8	31.8	30.0	26.6	21.9	15.6	9.6	4.7	
-80																
-90	1.0	9.2		24.5		38.8		43.3		38.8		24.5		9.2		1.0
Horizontal Angle (degrees)																

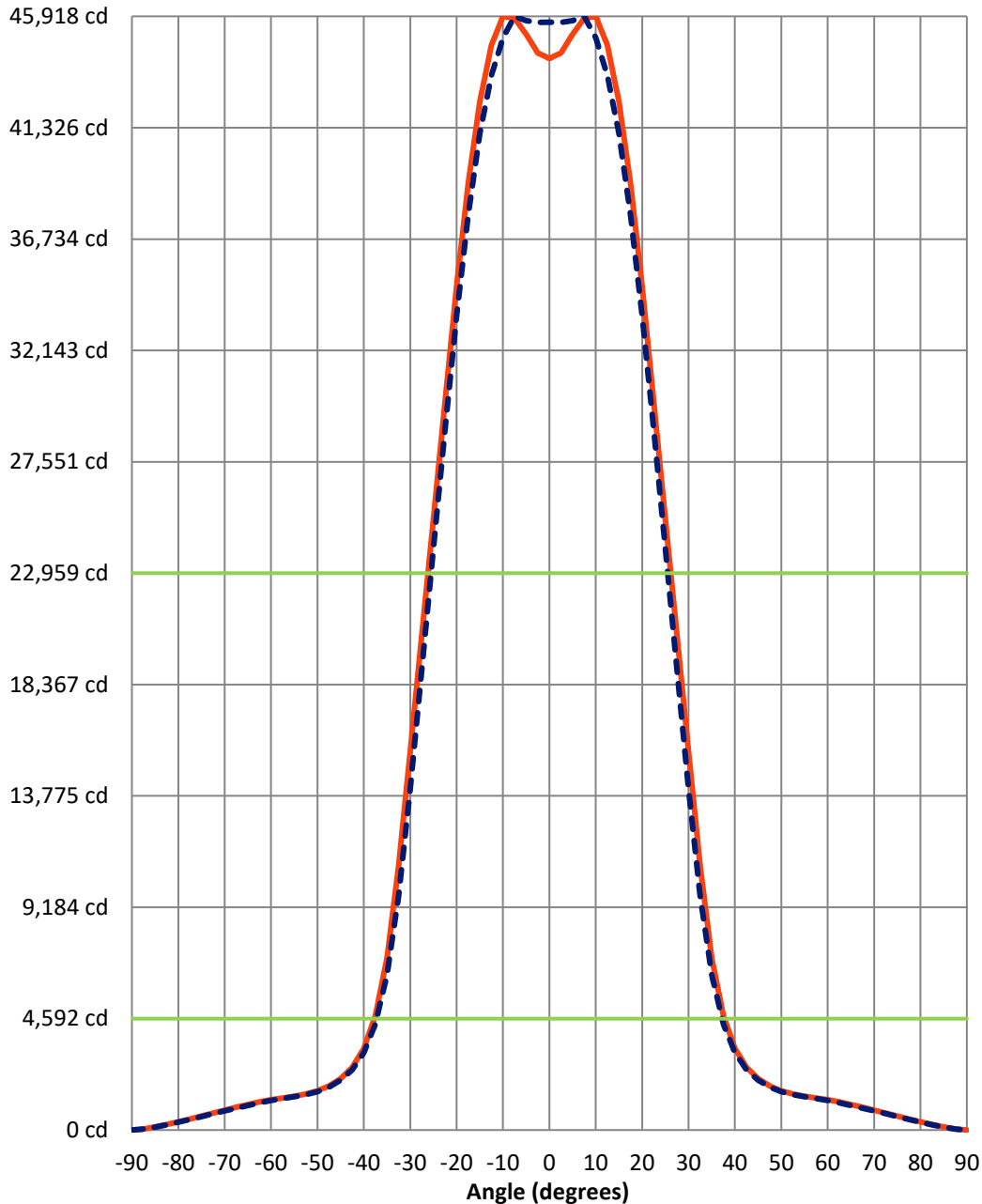
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 25939.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 33728.5
 Efficiency: 86.3%

Spill:
 Lumens: 5352
 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	1.8	3.5	5.2	7.0	8.7	10.4	12.7	15.1	17.7	20.4
85°	0.0	3.5	7.0	10.5	13.9	17.4	20.8	25.3	30.2	35.3	40.6
82.5°	0.0	5.2	10.5	15.7	20.9	26.0	31.1	37.9	46.1	58.1	69.4
80°	0.0	7.0	13.9	20.9	27.8	34.6	42.9	59.1	74.6	89.3	103.1
77.5°	0.0	8.7	17.4	26.0	34.6	46.7	65.4	84.6	103.0	120.4	139.0
75°	0.0	10.4	20.8	31.1	42.9	65.4	87.6	110.0	131.9	157.2	182.0
72.5°	0.0	12.1	24.1	36.2	57.6	83.8	109.6	136.5	166.3	195.7	224.7
70°	0.0	13.7	27.5	42.3	72.2	101.9	131.9	166.3	200.3	233.9	269.1
67.5°	0.0	15.4	30.7	53.0	86.5	119.8	156.9	195.7	233.9	273.3	313.3
65°	0.0	17.0	33.9	63.6	100.6	138.7	181.5	224.7	267.7	311.8	358.5
62.5°	0.0	18.6	37.1	74.0	114.4	158.4	205.5	253.2	300.8	350.5	406.9
60°	0.0	20.1	40.2	84.1	127.9	177.6	228.8	281.1	333.0	392.6	454.1
57.5°	0.0	21.6	46.6	94.0	142.6	196.3	252.2	308.1	368.0	433.4	498.6
55°	0.0	23.1	52.9	103.6	157.0	214.4	275.1	334.6	402.8	472.7	541.3
52.5°	0.0	24.5	59.0	113.0	170.8	232.1	297.5	363.8	436.4	510.0	582.7
50°	0.0	25.8	64.8	122.0	184.1	250.3	319.3	392.2	468.7	546.2	622.9
47.5°	0.0	27.2	70.4	130.9	196.9	268.1	340.8	419.5	499.6	581.0	661.6
45°	0.0	28.4	75.8	140.0	209.1	285.2	363.1	445.5	529.4	614.5	698.9
42.5°	0.0	29.6	80.8	148.8	220.8	301.6	384.2	470.3	557.8	646.5	734.2
40°	0.0	30.8	85.6	156.8	232.6	317.4	404.3	493.7	584.9	677.2	768.1
37.5°	0.0	31.9	90.1	164.3	244.6	332.5	423.3	515.8	611.0	706.8	800.7
35°	0.0	32.9	94.4	171.4	255.9	347.2	441.0	536.4	636.0	734.5	831.1
32.5°	0.0	33.9	98.3	178.0	266.7	361.1	457.6	555.6	659.6	760.2	857.9
30°	0.0	34.8	101.9	184.1	276.7	374.0	472.9	573.6	681.9	783.9	882.8
27.5°	0.0	35.7	105.2	189.7	285.7	385.9	486.9	591.4	702.2	805.6	905.8
25°	0.0	36.4	108.2	194.9	293.8	396.7	499.7	607.9	719.9	824.7	926.9
22.5°	0.0	37.1	110.9	199.5	301.1	406.3	511.1	623.0	735.7	841.8	946.0
20°	0.0	37.8	113.2	203.6	307.6	414.5	521.2	636.6	749.7	856.9	963.1
17.5°	0.0	38.3	115.3	207.2	313.3	421.7	530.4	648.6	761.9	870.2	978.0
15°	0.0	38.8	117.0	210.2	318.2	427.8	538.6	659.5	772.2	881.6	990.8
12.5°	0.0	39.2	118.4	212.7	322.2	432.9	545.7	669.1	781.4	891.0	1001.4
10°	0.0	39.6	119.4	214.7	325.4	436.8	551.7	677.0	789.4	899.9	1010.4
7.5°	0.0	39.9	120.2	216.1	327.7	439.8	556.3	683.2	795.6	907.0	1018.3
5°	0.0	40.0	120.6	216.9	329.2	441.6	559.7	687.6	800.0	912.0	1024.0
2.5°	0.0	40.2	120.7	217.2	329.8	442.3	561.8	690.2	802.7	915.1	1027.5
0°	0.0	40.2	120.5	217.0	329.5	442.0	562.5	691.1	803.6	916.1	1028.6
-2.5°	0.0	40.2	120.7	217.2	329.8	442.3	561.8	690.2	802.7	915.1	1027.5
-5°	0.0	40.0	120.6	216.9	329.2	441.6	559.7	687.6	800.0	912.0	1024.0
-7.5°	0.0	39.9	120.2	216.1	327.7	439.8	556.3	683.2	795.6	907.0	1018.3
-10°	0.0	39.6	119.4	214.7	325.4	436.8	551.7	677.0	789.4	899.9	1010.4
-12.5°	0.0	39.2	118.4	212.7	322.2	432.9	545.7	669.1	781.4	891.0	1001.4
-15°	0.0	38.8	117.0	210.2	318.2	427.8	538.6	659.5	772.2	881.6	990.8
-17.5°	0.0	38.3	115.3	207.2	313.3	421.7	530.4	648.6	761.9	870.2	978.0
-20°	0.0	37.8	113.2	203.6	307.6	414.5	521.2	636.6	749.7	856.9	963.1

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CATALOG NUMBER: GFLD-SA6D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	37.1	110.9	199.5	301.1	406.3	511.1	623.0	735.7	841.8	946.0
-25°	0.0	36.4	108.2	194.9	293.8	396.7	499.7	607.9	719.9	824.7	926.9
-27.5°	0.0	35.7	105.2	189.7	285.7	385.9	486.9	591.4	702.2	805.6	905.8
-30°	0.0	34.8	101.9	184.1	276.7	374.0	472.9	573.6	681.9	783.9	882.8
-32.5°	0.0	33.9	98.3	178.0	266.7	361.1	457.6	555.6	659.6	760.2	857.9
-35°	0.0	32.9	94.4	171.4	255.9	347.2	441.0	536.4	636.0	734.5	831.1
-37.5°	0.0	31.9	90.1	164.3	244.6	332.5	423.3	515.8	611.0	706.8	800.7
-40°	0.0	30.8	85.6	156.8	232.6	317.4	404.3	493.7	584.9	677.2	768.1
-42.5°	0.0	29.6	80.8	148.8	220.8	301.6	384.2	470.3	557.8	646.5	734.2
-45°	0.0	28.4	75.8	140.0	209.1	285.2	363.1	445.5	529.4	614.5	698.9
-47.5°	0.0	27.2	70.4	130.9	196.9	268.1	340.8	419.5	499.6	581.0	661.6
-50°	0.0	25.8	64.8	122.0	184.1	250.3	319.3	392.2	468.7	546.2	622.9
-52.5°	0.0	24.5	59.0	113.0	170.8	232.1	297.5	363.8	436.4	510.0	582.7
-55°	0.0	23.1	52.9	103.6	157.0	214.4	275.1	334.6	402.8	472.7	541.3
-57.5°	0.0	21.6	46.6	94.0	142.6	196.3	252.2	308.1	368.0	433.4	498.6
-60°	0.0	20.1	40.2	84.1	127.9	177.6	228.8	281.1	333.0	392.6	454.1
-62.5°	0.0	18.6	37.1	74.0	114.4	158.4	205.5	253.2	300.8	350.5	406.9
-65°	0.0	17.0	33.9	63.6	100.6	138.7	181.5	224.7	267.7	311.8	358.5
-67.5°	0.0	15.4	30.7	53.0	86.5	119.8	156.9	195.7	233.9	273.3	313.3
-70°	0.0	13.7	27.5	42.3	72.2	101.9	131.9	166.3	200.3	233.9	269.1
-72.5°	0.0	12.1	24.1	36.2	57.6	83.8	109.6	136.5	166.3	195.7	224.7
-75°	0.0	10.4	20.8	31.1	42.9	65.4	87.6	110.0	131.9	157.2	182.0
-77.5°	0.0	8.7	17.4	26.0	34.6	46.7	65.4	84.6	103.0	120.4	139.0
-80°	0.0	7.0	13.9	20.9	27.8	34.6	42.9	59.1	74.6	89.3	103.1
-82.5°	0.0	5.2	10.5	15.7	20.9	26.0	31.1	37.9	46.1	58.1	69.4
-85°	0.0	3.5	7.0	10.5	13.9	17.4	20.8	25.3	30.2	35.3	40.6
-87.5°	0.0	1.8	3.5	5.2	7.0	8.7	10.4	12.7	15.1	17.7	20.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	22.3	24.1	25.9	27.6	29.3	31.0	32.6	34.1	35.5	36.9	38.2
85°	44.5	48.2	54.6	61.1	67.3	73.4	79.2	84.7	90.1	95.2	100.0
82.5°	79.6	90.0	100.7	111.5	121.0	130.0	138.9	148.0	157.1	166.2	175.2
80°	117.1	131.7	148.2	164.0	177.8	190.9	203.6	215.8	229.0	243.2	257.6
77.5°	160.4	181.1	200.5	218.7	236.2	255.4	273.9	291.7	310.2	328.5	346.0
75°	206.8	230.4	255.2	279.7	303.4	326.4	348.9	371.8	395.0	418.0	439.9
72.5°	254.7	284.6	313.9	342.4	371.9	400.7	428.5	455.3	482.9	511.1	538.0
70°	304.4	338.6	374.7	409.6	442.8	476.4	510.3	543.0	575.0	607.6	640.0
67.5°	354.6	397.5	438.2	476.9	516.1	555.6	593.8	632.9	670.7	708.7	745.0
65°	409.9	456.8	501.2	545.5	590.0	636.4	681.6	725.2	769.0	811.5	849.6
62.5°	464.0	513.9	563.2	613.5	666.5	718.5	767.9	817.9	868.9	913.3	952.0
60°	513.9	569.2	624.3	681.7	740.2	796.2	851.5	905.9	960.8	1011.9	1043.5
57.5°	562.0	623.2	684.2	746.0	807.6	870.2	928.3	988.1	1039.1	1082.2	1118.8
55°	608.9	675.3	740.3	805.1	871.7	937.1	1000.4	1057.2	1107.0	1142.9	1178.2
52.5°	654.5	724.5	791.6	861.8	932.5	1001.9	1068.0	1120.7	1161.5	1198.2	1231.1
50°	698.7	769.9	840.8	916.8	991.6	1064.9	1127.0	1173.2	1214.7	1250.5	1285.0
47.5°	740.1	814.4	890.1	970.1	1048.8	1119.6	1176.7	1225.0	1267.4	1306.0	1346.9
45°	780.0	858.8	938.8	1021.4	1101.7	1170.2	1225.3	1277.3	1317.0	1360.5	1407.4
42.5°	818.7	901.5	985.4	1070.6	1151.8	1215.8	1270.8	1318.5	1365.1	1416.7	1473.4
40°	855.5	941.8	1029.3	1118.0	1199.0	1255.7	1309.5	1360.1	1416.7	1478.1	1543.7
37.5°	890.0	979.6	1070.5	1162.6	1233.7	1292.1	1347.2	1403.6	1469.5	1540.6	1629.6
35°	922.3	1014.8	1108.8	1197.2	1264.8	1326.8	1383.8	1446.7	1523.6	1616.5	1730.6
32.5°	952.2	1047.4	1144.1	1225.3	1293.4	1357.8	1416.5	1494.9	1587.3	1697.9	1859.3
30°	979.7	1077.2	1174.3	1252.8	1319.3	1383.9	1455.3	1543.6	1651.7	1813.2	2019.8
27.5°	1005.3	1104.3	1197.9	1275.7	1342.4	1409.0	1492.5	1599.6	1742.0	1934.6	2191.5
25°	1028.8	1130.2	1220.6	1294.8	1363.8	1437.7	1528.5	1648.8	1836.1	2084.9	2431.9
22.5°	1050.0	1153.6	1242.3	1311.4	1383.9	1464.0	1569.8	1720.4	1936.3	2226.7	2674.4
20°	1069.0	1171.3	1258.6	1327.1	1402.4	1485.7	1606.7	1788.3	2048.6	2424.7	2996.2
17.5°	1085.6	1186.7	1270.8	1342.3	1420.5	1510.3	1642.6	1847.1	2148.3	2597.5	3321.5
15°	1099.9	1199.9	1281.1	1355.1	1436.2	1538.4	1692.5	1923.9	2264.3	2777.2	3605.0
12.5°	1111.7	1210.8	1289.5	1365.6	1449.1	1562.0	1735.2	1996.3	2384.6	2997.9	4022.8
10°	1121.0	1219.3	1296.0	1373.8	1459.3	1580.8	1769.9	2055.6	2484.3	3189.1	4379.1
7.5°	1129.6	1225.6	1300.5	1379.6	1466.5	1594.8	1796.3	2101.3	2560.8	3339.3	4661.2
5°	1136.0	1229.4	1302.9	1382.9	1472.6	1604.0	1814.2	2133.0	2613.6	3446.6	4859.6
2.5°	1139.8	1230.7	1303.4	1383.8	1477.0	1608.1	1823.5	2150.5	2655.1	3497.4	4966.2
0°	1141.1	1229.5	1301.8	1382.2	1478.6	1607.2	1824.2	2153.6	2676.0	3495.6	4982.3
-2.5°	1139.8	1230.7	1303.4	1383.8	1477.0	1608.1	1823.5	2150.5	2655.1	3497.4	4966.2
-5°	1136.0	1229.4	1302.9	1382.9	1472.6	1604.0	1814.2	2133.0	2613.6	3446.6	4859.6
-7.5°	1129.6	1225.6	1300.5	1379.6	1466.5	1594.8	1796.3	2101.3	2560.8	3339.3	4661.2
-10°	1121.0	1219.3	1296.0	1373.8	1459.3	1580.8	1769.9	2055.6	2484.3	3189.1	4379.1
-12.5°	1111.7	1210.8	1289.5	1365.6	1449.1	1562.0	1735.2	1996.3	2384.6	2997.9	4022.8
-15°	1099.9	1199.9	1281.1	1355.1	1436.2	1538.4	1692.5	1923.9	2264.3	2777.2	3605.0
-17.5°	1085.6	1186.7	1270.8	1342.3	1420.5	1510.3	1642.6	1847.1	2148.3	2597.5	3321.5
-20°	1069.0	1171.3	1258.6	1327.1	1402.4	1485.7	1606.7	1788.3	2048.6	2424.7	2996.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	1050.0	1153.6	1242.3	1311.4	1383.9	1464.0	1569.8	1720.4	1936.3	2226.7	2674.4
-25°	1028.8	1130.2	1220.6	1294.8	1363.8	1437.7	1528.5	1648.8	1836.1	2084.9	2431.9
-27.5°	1005.3	1104.3	1197.9	1275.7	1342.4	1409.0	1492.5	1599.6	1742.0	1934.6	2191.5
-30°	979.7	1077.2	1174.3	1252.8	1319.3	1383.9	1455.3	1543.6	1651.7	1813.2	2019.8
-32.5°	952.2	1047.4	1144.1	1225.3	1293.4	1357.8	1416.5	1494.9	1587.3	1697.9	1859.3
-35°	922.3	1014.8	1108.8	1197.2	1264.8	1326.8	1383.8	1446.7	1523.6	1616.5	1730.6
-37.5°	890.0	979.6	1070.5	1162.6	1233.7	1292.1	1347.2	1403.6	1469.5	1540.6	1629.6
-40°	855.5	941.8	1029.3	1118.0	1199.0	1255.7	1309.5	1360.1	1416.7	1478.1	1543.7
-42.5°	818.7	901.5	985.4	1070.6	1151.8	1215.8	1270.8	1318.5	1365.1	1416.7	1473.4
-45°	780.0	858.8	938.8	1021.4	1101.7	1170.2	1225.3	1277.3	1317.0	1360.5	1407.4
-47.5°	740.1	814.4	890.1	970.1	1048.8	1119.6	1176.7	1225.0	1267.4	1306.0	1346.9
-50°	698.7	769.9	840.8	916.8	991.6	1064.9	1127.0	1173.2	1214.7	1250.5	1285.0
-52.5°	654.5	724.5	791.6	861.8	932.5	1001.9	1068.0	1120.7	1161.5	1198.2	1231.1
-55°	608.9	675.3	740.3	805.1	871.7	937.1	1000.4	1057.2	1107.0	1142.9	1178.2
-57.5°	562.0	623.2	684.2	746.0	807.6	870.2	928.3	988.1	1039.1	1082.2	1118.8
-60°	513.9	569.2	624.3	681.7	740.2	796.2	851.5	905.9	960.8	1011.9	1043.5
-62.5°	464.0	513.9	563.2	613.5	666.5	718.5	767.9	817.9	868.9	913.3	952.0
-65°	409.9	456.8	501.2	545.5	590.0	636.4	681.6	725.2	769.0	811.5	849.6
-67.5°	354.6	397.5	438.2	476.9	516.1	555.6	593.8	632.9	670.7	708.7	745.0
-70°	304.4	338.6	374.7	409.6	442.8	476.4	510.3	543.0	575.0	607.6	640.0
-72.5°	254.7	284.6	313.9	342.4	371.9	400.7	428.5	455.3	482.9	511.1	538.0
-75°	206.8	230.4	255.2	279.7	303.4	326.4	348.9	371.8	395.0	418.0	439.9
-77.5°	160.4	181.1	200.5	218.7	236.2	255.4	273.9	291.7	310.2	328.5	346.0
-80°	117.1	131.7	148.2	164.0	177.8	190.9	203.6	215.8	229.0	243.2	257.6
-82.5°	79.6	90.0	100.7	111.5	121.0	130.0	138.9	148.0	157.1	166.2	175.2
-85°	44.5	48.2	54.6	61.1	67.3	73.4	79.2	84.7	90.1	95.2	100.0
-87.5°	22.3	24.1	25.9	27.6	29.3	31.0	32.6	34.1	35.5	36.9	38.2
-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: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	39.5	39.0	38.3	37.4	36.4	39.0	41.5	44.0	46.5	45.1	43.5
85°	104.6	106.9	108.9	110.7	112.1	117.0	121.9	126.3	130.5	130.4	129.9
82.5°	184.1	190.0	195.0	199.6	203.7	209.5	214.7	219.2	223.1	226.0	228.4
80°	271.3	280.9	289.1	296.5	303.2	310.9	318.1	324.5	330.0	333.1	335.0
77.5°	363.3	377.4	389.9	401.9	413.2	424.5	434.8	443.9	451.9	453.7	453.3
75°	460.8	479.7	497.4	513.8	528.9	542.0	553.0	562.2	569.8	573.6	575.6
72.5°	563.6	586.8	607.7	626.4	642.5	655.9	667.6	677.6	686.1	691.5	694.7
70°	670.7	698.2	719.6	737.2	751.0	764.4	779.3	793.6	807.0	814.5	817.4
67.5°	778.2	806.7	826.3	842.4	855.0	868.1	886.9	903.9	919.1	929.3	935.7
65°	883.4	913.3	933.0	948.4	960.0	973.2	994.3	1011.1	1023.9	1034.1	1043.3
62.5°	987.3	1017.5	1039.4	1057.7	1074.6	1089.1	1106.4	1120.5	1131.5	1141.6	1152.9
60°	1077.3	1113.2	1136.1	1154.7	1175.7	1198.3	1211.0	1221.6	1230.8	1238.9	1245.9
57.5°	1150.9	1182.9	1212.4	1234.7	1256.5	1277.5	1292.5	1302.4	1310.5	1316.5	1318.9
55°	1212.4	1245.5	1278.4	1302.6	1324.0	1343.6	1360.1	1373.1	1383.8	1392.2	1394.2
52.5°	1267.6	1304.7	1337.0	1364.9	1393.2	1416.3	1434.4	1452.1	1467.5	1479.9	1485.2
50°	1327.5	1366.4	1406.8	1444.1	1474.2	1500.7	1522.7	1547.6	1573.8	1595.5	1609.2
47.5°	1390.7	1435.4	1484.2	1530.2	1565.9	1605.0	1641.5	1678.5	1727.3	1768.2	1798.6
45°	1456.6	1514.1	1569.7	1628.2	1677.5	1751.4	1819.9	1878.8	1957.0	2027.9	2084.3
42.5°	1534.6	1606.1	1674.4	1768.2	1866.2	1967.0	2076.0	2168.9	2291.2	2415.7	2516.2
40°	1626.9	1718.4	1838.6	1964.4	2119.3	2257.9	2446.0	2613.6	2801.2	3038.4	3234.4
37.5°	1738.1	1878.9	2046.2	2221.6	2463.0	2693.7	3004.6	3332.2	3629.5	4085.8	4469.7
35°	1882.5	2079.4	2299.6	2609.9	2951.7	3384.0	3869.0	4501.8	5044.4	5814.2	6549.8
32.5°	2068.5	2321.6	2681.3	3160.4	3665.6	4450.4	5219.9	6318.7	7336.2	8556.2	9872.9
30°	2275.6	2660.8	3210.3	3867.4	4809.7	5964.4	7321.0	9008.5	10855.3	12570.1	14259.9
27.5°	2575.6	3127.5	3849.5	4909.8	6378.4	7993.9	10370.7	12661.4	15051.4	17176.0	18947.8
25°	2925.9	3655.3	4771.6	6333.0	8319.1	11085.4	13930.6	16757.8	19328.1	21552.3	23510.0
22.5°	3378.2	4427.3	5915.5	7937.9	11030.7	14346.2	17682.6	20801.0	23542.8	26019.4	28138.7
20°	3870.3	5183.0	7308.2	10323.9	13860.8	17638.1	21405.3	24727.1	27745.9	30554.1	32942.7
17.5°	4493.9	6332.2	9023.5	12641.3	16730.4	20869.0	24826.6	28431.4	31856.4	34828.0	37323.6
15°	5025.4	7344.4	10856.9	15099.8	19522.7	23888.4	28066.6	31982.3	35543.1	38592.0	40938.1
12.5°	5734.2	8478.7	12484.6	17213.2	22006.3	26599.9	31000.8	35047.9	38671.7	41687.1	43513.4
10°	6404.3	9653.1	14057.8	18989.2	23968.8	28863.1	33562.1	37712.8	41077.2	43475.9	45032.4
7.5°	6974.0	10662.5	15337.6	20424.7	25527.9	30645.0	35401.6	39440.1	42542.3	44545.5	45629.0
5°	7399.4	11417.0	16287.5	21591.1	26827.8	32034.7	36754.2	40545.4	43226.6	44714.7	45258.7
2.5°	7670.5	11860.1	16838.8	22356.4	27697.8	32914.0	37681.9	41413.7	43688.5	44674.9	44768.6
0°	7778.8	11917.4	16923.8	22757.9	27917.0	33164.5	37945.9	41771.0	43860.4	44672.0	44655.9
-2.5°	7670.5	11860.1	16838.8	22356.4	27697.8	32914.0	37681.9	41413.7	43688.5	44674.9	44768.6
-5°	7399.4	11417.0	16287.5	21591.1	26827.8	32034.7	36754.2	40545.4	43226.6	44714.7	45258.7
-7.5°	6974.0	10662.5	15337.6	20424.7	25527.9	30645.0	35401.6	39440.1	42542.3	44545.5	45629.0
-10°	6404.3	9653.1	14057.8	18989.2	23968.8	28863.1	33562.1	37712.8	41077.2	43475.9	45032.4
-12.5°	5734.2	8478.7	12484.6	17213.2	22006.3	26599.9	31000.8	35047.9	38671.7	41687.1	43513.4
-15°	5025.4	7344.4	10856.9	15099.8	19522.7	23888.4	28066.6	31982.3	35543.1	38592.0	40938.1
-17.5°	4493.9	6332.2	9023.5	12641.3	16730.4	20869.0	24826.6	28431.4	31856.4	34828.0	37323.6
-20°	3870.3	5183.0	7308.2	10323.9	13860.8	17638.1	21405.3	24727.1	27745.9	30554.1	32942.7



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3378.2	4427.3	5915.5	7937.9	11030.7	14346.2	17682.6	20801.0	23542.8	26019.4	28138.7
-25°	2925.9	3655.3	4771.6	6333.0	8319.1	11085.4	13930.6	16757.8	19328.1	21552.3	23510.0
-27.5°	2575.6	3127.5	3849.5	4909.8	6378.4	7993.9	10370.7	12661.4	15051.4	17176.0	18947.8
-30°	2275.6	2660.8	3210.3	3867.4	4809.7	5964.4	7321.0	9008.5	10855.3	12570.1	14259.9
-32.5°	2068.5	2321.6	2681.3	3160.4	3665.6	4450.4	5219.9	6318.7	7336.2	8556.2	9872.9
-35°	1882.5	2079.4	2299.6	2609.9	2951.7	3384.0	3869.0	4501.8	5044.4	5814.2	6549.8
-37.5°	1738.1	1878.9	2046.2	2221.6	2463.0	2693.7	3004.6	3332.2	3629.5	4085.8	4469.7
-40°	1626.9	1718.4	1838.6	1964.4	2119.3	2257.9	2446.0	2613.6	2801.2	3038.4	3234.4
-42.5°	1534.6	1606.1	1674.4	1768.2	1866.2	1967.0	2076.0	2168.9	2291.2	2415.7	2516.2
-45°	1456.6	1514.1	1569.7	1628.2	1677.5	1751.4	1819.9	1878.8	1957.0	2027.9	2084.3
-47.5°	1390.7	1435.4	1484.2	1530.2	1565.9	1605.0	1641.5	1678.5	1727.3	1768.2	1798.6
-50°	1327.5	1366.4	1406.8	1444.1	1474.2	1500.7	1522.7	1547.6	1573.8	1595.5	1609.2
-52.5°	1267.6	1304.7	1337.0	1364.9	1393.2	1416.3	1434.4	1452.1	1467.5	1479.9	1485.2
-55°	1212.4	1245.5	1278.4	1302.6	1324.0	1343.6	1360.1	1373.1	1383.8	1392.2	1394.2
-57.5°	1150.9	1182.9	1212.4	1234.7	1256.5	1277.5	1292.5	1302.4	1310.5	1316.5	1318.9
-60°	1077.3	1113.2	1136.1	1154.7	1175.7	1198.3	1211.0	1221.6	1230.8	1238.9	1245.9
-62.5°	987.3	1017.5	1039.4	1057.7	1074.6	1089.1	1106.4	1120.5	1131.5	1141.6	1152.9
-65°	883.4	913.3	933.0	948.4	960.0	973.2	994.3	1011.1	1023.9	1034.1	1043.3
-67.5°	778.2	806.7	826.3	842.4	855.0	868.1	886.9	903.9	919.1	929.3	935.7
-70°	670.7	698.2	719.6	737.2	751.0	764.4	779.3	793.6	807.0	814.5	817.4
-72.5°	563.6	586.8	607.7	626.4	642.5	655.9	667.6	677.6	686.1	691.5	694.7
-75°	460.8	479.7	497.4	513.8	528.9	542.0	553.0	562.2	569.8	573.6	575.6
-77.5°	363.3	377.4	389.9	401.9	413.2	424.5	434.8	443.9	451.9	453.7	453.3
-80°	271.3	280.9	289.1	296.5	303.2	310.9	318.1	324.5	330.0	333.1	335.0
-82.5°	184.1	190.0	195.0	199.6	203.7	209.5	214.7	219.2	223.1	226.0	228.4
-85°	104.6	106.9	108.9	110.7	112.1	117.0	121.9	126.3	130.5	130.4	129.9
-87.5°	39.5	39.0	38.3	37.4	36.4	39.0	41.5	44.0	46.5	45.1	43.5
-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: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	41.8	40.1	40.2	40.2	40.2	40.1	41.8	43.5	45.1	46.5	44.0
85°	129.1	127.9	124.4	120.5	124.4	127.9	129.1	129.9	130.4	130.5	126.3
82.5°	230.4	231.8	228.7	225.0	228.7	231.8	230.4	228.4	226.0	223.1	219.2
80°	335.9	336.0	333.2	329.5	333.2	336.0	335.9	335.0	333.1	330.0	324.5
77.5°	451.4	448.1	449.4	450.0	449.4	448.1	451.4	453.3	453.7	451.9	443.9
75°	576.4	575.9	574.0	570.6	574.0	575.9	576.4	575.6	573.6	569.8	562.2
72.5°	696.3	696.2	694.5	691.1	694.5	696.2	696.3	694.7	691.5	686.1	677.6
70°	818.1	816.6	818.7	819.7	818.7	816.6	818.1	817.4	814.5	807.0	793.6
67.5°	940.7	943.9	943.4	940.2	943.4	943.9	940.7	935.7	929.3	919.1	903.9
65°	1050.7	1056.1	1059.5	1060.7	1059.5	1056.1	1050.7	1043.3	1034.1	1023.9	1011.1
62.5°	1161.8	1168.2	1168.5	1165.2	1168.5	1168.2	1161.8	1152.9	1141.6	1131.5	1120.5
60°	1249.7	1250.7	1249.2	1245.6	1249.2	1250.7	1249.7	1245.9	1238.9	1230.8	1221.6
57.5°	1318.8	1316.5	1313.7	1309.9	1313.7	1316.5	1318.8	1318.9	1316.5	1310.5	1302.4
55°	1393.1	1389.3	1386.0	1382.2	1386.0	1389.3	1393.1	1394.2	1392.2	1383.8	1373.1
52.5°	1486.4	1484.4	1482.1	1478.6	1482.1	1484.4	1486.4	1485.2	1479.9	1467.5	1452.1
50°	1616.1	1618.2	1618.0	1615.2	1618.0	1618.2	1616.1	1609.2	1595.5	1573.8	1547.6
47.5°	1817.9	1828.6	1835.8	1840.2	1835.8	1828.6	1817.9	1798.6	1768.2	1727.3	1678.5
45°	2120.4	2141.8	2157.0	2169.7	2157.0	2141.8	2120.4	2084.3	2027.9	1957.0	1878.8
42.5°	2586.9	2635.0	2657.7	2651.9	2657.7	2635.0	2586.9	2516.2	2415.7	2291.2	2168.9
40°	3365.0	3442.6	3485.6	3519.8	3485.6	3442.6	3365.0	3234.4	3038.4	2801.2	2613.6
37.5°	4731.9	4882.4	4961.6	5030.5	4961.6	4882.4	4731.9	4469.7	4085.8	3629.5	3332.2
35°	7099.4	7438.0	7619.3	7682.4	7619.3	7438.0	7099.4	6549.8	5814.2	5044.4	4501.8
32.5°	10897.5	11522.0	11867.4	12134.3	11867.4	11522.0	10897.5	9872.9	8556.2	7336.2	6318.7
30°	15597.9	16420.6	16877.5	17100.6	16877.5	16420.6	15597.9	14259.9	12570.1	10855.3	9008.5
27.5°	20416.4	21351.7	21844.3	21817.7	21844.3	21351.7	20416.4	18947.8	17176.0	15051.4	12661.4
25°	25188.3	26271.6	26762.4	27201.8	26762.4	26271.6	25188.3	23510.0	21552.3	19328.1	16757.8
22.5°	30014.6	31281.3	31972.5	32296.6	31972.5	31281.3	30014.6	28138.7	26019.4	23542.8	20801.0
20°	34783.4	36193.5	36927.3	37246.8	36927.3	36193.5	34783.4	32942.7	30554.1	27745.9	24727.1
17.5°	39012.9	40389.4	41088.8	41385.3	41088.8	40389.4	39012.9	37323.6	34828.0	31856.4	28431.4
15°	42390.0	43405.4	44000.2	44157.7	44000.2	43405.4	42390.0	40938.1	38592.0	35543.1	31982.3
12.5°	44724.5	45117.8	45403.8	45491.7	45403.8	45117.8	44724.5	43513.4	41687.1	38671.7	35047.9
10°	45917.9	45740.5	45667.2	45676.5	45667.2	45740.5	45917.9	45032.4	43475.9	41077.2	37712.8
7.5°	45835.9	45573.1	45045.3	44961.3	45045.3	45573.1	45835.9	45629.0	44545.5	42542.3	39440.1
5°	45177.3	44698.9	43822.9	43571.1	43822.9	44698.9	45177.3	45258.7	44714.7	43226.6	40545.4
2.5°	44409.8	43547.3	42740.3	42221.0	42740.3	43547.3	44409.8	44768.6	44674.9	43688.5	41413.7
0°	44181.8	43185.3	42140.7	41803.1	42140.7	43185.3	44181.8	44655.9	44672.0	43860.4	41771.0
-2.5°	44409.8	43547.3	42740.3	42221.0	42740.3	43547.3	44409.8	44768.6	44674.9	43688.5	41413.7
-5°	45177.3	44698.9	43822.9	43571.1	43822.9	44698.9	45177.3	45258.7	44714.7	43226.6	40545.4
-7.5°	45835.9	45573.1	45045.3	44961.3	45045.3	45573.1	45835.9	45629.0	44545.5	42542.3	39440.1
-10°	45917.9	45740.5	45667.2	45676.5	45667.2	45740.5	45917.9	45032.4	43475.9	41077.2	37712.8
-12.5°	44724.5	45117.8	45403.8	45491.7	45403.8	45117.8	44724.5	43513.4	41687.1	38671.7	35047.9
-15°	42390.0	43405.4	44000.2	44157.7	44000.2	43405.4	42390.0	40938.1	38592.0	35543.1	31982.3
-17.5°	39012.9	40389.4	41088.8	41385.3	41088.8	40389.4	39012.9	37323.6	34828.0	31856.4	28431.4
-20°	34783.4	36193.5	36927.3	37246.8	36927.3	36193.5	34783.4	32942.7	30554.1	27745.9	24727.1



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	30014.6	31281.3	31972.5	32296.6	31972.5	31281.3	30014.6	28138.7	26019.4	23542.8	20801.0
-25°	25188.3	26271.6	26762.4	27201.8	26762.4	26271.6	25188.3	23510.0	21552.3	19328.1	16757.8
-27.5°	20416.4	21351.7	21844.3	21817.7	21844.3	21351.7	20416.4	18947.8	17176.0	15051.4	12661.4
-30°	15597.9	16420.6	16877.5	17100.6	16877.5	16420.6	15597.9	14259.9	12570.1	10855.3	9008.5
-32.5°	10897.5	11522.0	11867.4	12134.3	11867.4	11522.0	10897.5	9872.9	8556.2	7336.2	6318.7
-35°	7099.4	7438.0	7619.3	7682.4	7619.3	7438.0	7099.4	6549.8	5814.2	5044.4	4501.8
-37.5°	4731.9	4882.4	4961.6	5030.5	4961.6	4882.4	4731.9	4469.7	4085.8	3629.5	3332.2
-40°	3365.0	3442.6	3485.6	3519.8	3485.6	3442.6	3365.0	3234.4	3038.4	2801.2	2613.6
-42.5°	2586.9	2635.0	2657.7	2651.9	2657.7	2635.0	2586.9	2516.2	2415.7	2291.2	2168.9
-45°	2120.4	2141.8	2157.0	2169.7	2157.0	2141.8	2120.4	2084.3	2027.9	1957.0	1878.8
-47.5°	1817.9	1828.6	1835.8	1840.2	1835.8	1828.6	1817.9	1798.6	1768.2	1727.3	1678.5
-50°	1616.1	1618.2	1618.0	1615.2	1618.0	1618.2	1616.1	1609.2	1595.5	1573.8	1547.6
-52.5°	1486.4	1484.4	1482.1	1478.6	1482.1	1484.4	1486.4	1485.2	1479.9	1467.5	1452.1
-55°	1393.1	1389.3	1386.0	1382.2	1386.0	1389.3	1393.1	1394.2	1392.2	1383.8	1373.1
-57.5°	1318.8	1316.5	1313.7	1309.9	1313.7	1316.5	1318.8	1318.9	1316.5	1310.5	1302.4
-60°	1249.7	1250.7	1249.2	1245.6	1249.2	1250.7	1249.7	1245.9	1238.9	1230.8	1221.6
-62.5°	1161.8	1168.2	1168.5	1165.2	1168.5	1168.2	1161.8	1152.9	1141.6	1131.5	1120.5
-65°	1050.7	1056.1	1059.5	1060.7	1059.5	1056.1	1050.7	1043.3	1034.1	1023.9	1011.1
-67.5°	940.7	943.9	943.4	940.2	943.4	943.9	940.7	935.7	929.3	919.1	903.9
-70°	818.1	816.6	818.7	819.7	818.7	816.6	818.1	817.4	814.5	807.0	793.6
-72.5°	696.3	696.2	694.5	691.1	694.5	696.2	696.3	694.7	691.5	686.1	677.6
-75°	576.4	575.9	574.0	570.6	574.0	575.9	576.4	575.6	573.6	569.8	562.2
-77.5°	451.4	448.1	449.4	450.0	449.4	448.1	451.4	453.3	453.7	451.9	443.9
-80°	335.9	336.0	333.2	329.5	333.2	336.0	335.9	335.0	333.1	330.0	324.5
-82.5°	230.4	231.8	228.7	225.0	228.7	231.8	230.4	228.4	226.0	223.1	219.2
-85°	129.1	127.9	124.4	120.5	124.4	127.9	129.1	129.9	130.4	130.5	126.3
-87.5°	41.8	40.1	40.2	40.2	40.2	40.1	41.8	43.5	45.1	46.5	44.0
-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: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	41.5	39.0	36.4	37.4	38.3	39.0	39.5	38.2	36.9	35.5	34.1
85°	121.9	117.0	112.1	110.7	108.9	106.9	104.6	100.0	95.2	90.1	84.7
82.5°	214.7	209.5	203.7	199.6	195.0	190.0	184.1	175.2	166.2	157.1	148.0
80°	318.1	310.9	303.2	296.5	289.1	280.9	271.3	257.6	243.2	229.0	215.8
77.5°	434.8	424.5	413.2	401.9	389.9	377.4	363.3	346.0	328.5	310.2	291.7
75°	553.0	542.0	528.9	513.8	497.4	479.7	460.8	439.9	418.0	395.0	371.8
72.5°	667.6	655.9	642.5	626.4	607.7	586.8	563.6	538.0	511.1	482.9	455.3
70°	779.3	764.4	751.0	737.2	719.6	698.2	670.7	640.0	607.6	575.0	543.0
67.5°	886.9	868.1	855.0	842.4	826.3	806.7	778.2	745.0	708.7	670.7	632.9
65°	994.3	973.2	960.0	948.4	933.0	913.3	883.4	849.6	811.5	769.0	725.2
62.5°	1106.4	1089.1	1074.6	1057.7	1039.4	1017.5	987.3	952.0	913.3	868.9	817.9
60°	1211.0	1198.3	1175.7	1154.7	1136.1	1113.2	1077.3	1043.5	1011.9	960.8	905.9
57.5°	1292.5	1277.5	1256.5	1234.7	1212.4	1182.9	1150.9	1118.8	1082.2	1039.1	988.1
55°	1360.1	1343.6	1324.0	1302.6	1278.4	1245.5	1212.4	1178.2	1142.9	1107.0	1057.2
52.5°	1434.4	1416.3	1393.2	1364.9	1337.0	1304.7	1267.6	1231.1	1198.2	1161.5	1120.7
50°	1522.7	1500.7	1474.2	1444.1	1406.8	1366.4	1327.5	1285.0	1250.5	1214.7	1173.2
47.5°	1641.5	1605.0	1565.9	1530.2	1484.2	1435.4	1390.7	1346.9	1306.0	1267.4	1225.0
45°	1819.9	1751.4	1677.5	1628.2	1569.7	1514.1	1456.6	1407.4	1360.5	1317.0	1277.3
42.5°	2076.0	1967.0	1866.2	1768.2	1674.4	1606.1	1534.6	1473.4	1416.7	1365.1	1318.5
40°	2446.0	2257.9	2119.3	1964.4	1838.6	1718.4	1626.9	1543.7	1478.1	1416.7	1360.1
37.5°	3004.6	2693.7	2463.0	2221.6	2046.2	1878.9	1738.1	1629.6	1540.6	1469.5	1403.6
35°	3869.0	3384.0	2951.7	2609.9	2299.6	2079.4	1882.5	1730.6	1616.5	1523.6	1446.7
32.5°	5219.9	4450.4	3665.6	3160.4	2681.3	2321.6	2068.5	1859.3	1697.9	1587.3	1494.9
30°	7321.0	5964.4	4809.7	3867.4	3210.3	2660.8	2275.6	2019.8	1813.2	1651.7	1543.6
27.5°	10370.7	7993.9	6378.4	4909.8	3849.5	3127.5	2575.6	2191.5	1934.6	1742.0	1599.6
25°	13930.6	11085.4	8319.1	6333.0	4771.6	3655.3	2925.9	2431.9	2084.9	1836.1	1648.8
22.5°	17682.6	14346.2	11030.7	7937.9	5915.5	4427.3	3378.2	2674.4	2226.7	1936.3	1720.4
20°	21405.3	17638.1	13860.8	10323.9	7308.2	5183.0	3870.3	2996.2	2424.7	2048.6	1788.3
17.5°	24826.6	20869.0	16730.4	12641.3	9023.5	6332.2	4493.9	3321.5	2597.5	2148.3	1847.1
15°	28066.6	23888.4	19522.7	15099.8	10856.9	7344.4	5025.4	3605.0	2777.2	2264.3	1923.9
12.5°	31000.8	26599.9	22006.3	17213.2	12484.6	8478.7	5734.2	4022.8	2997.9	2384.6	1996.3
10°	33562.1	28863.1	23968.8	18989.2	14057.8	9653.1	6404.3	4379.1	3189.1	2484.3	2055.6
7.5°	35401.6	30645.0	25527.9	20424.7	15337.6	10662.5	6974.0	4661.2	3339.3	2560.8	2101.3
5°	36754.2	32034.7	26827.8	21591.1	16287.5	11417.0	7399.4	4859.6	3446.6	2613.6	2133.0
2.5°	37681.9	32914.0	27697.8	22356.4	16838.8	11860.1	7670.5	4966.2	3497.4	2655.1	2150.5
0°	37945.9	33164.5	27917.0	22757.9	16923.8	11917.4	7778.8	4982.3	3495.6	2676.0	2153.6
-2.5°	37681.9	32914.0	27697.8	22356.4	16838.8	11860.1	7670.5	4966.2	3497.4	2655.1	2150.5
-5°	36754.2	32034.7	26827.8	21591.1	16287.5	11417.0	7399.4	4859.6	3446.6	2613.6	2133.0
-7.5°	35401.6	30645.0	25527.9	20424.7	15337.6	10662.5	6974.0	4661.2	3339.3	2560.8	2101.3
-10°	33562.1	28863.1	23968.8	18989.2	14057.8	9653.1	6404.3	4379.1	3189.1	2484.3	2055.6
-12.5°	31000.8	26599.9	22006.3	17213.2	12484.6	8478.7	5734.2	4022.8	2997.9	2384.6	1996.3
-15°	28066.6	23888.4	19522.7	15099.8	10856.9	7344.4	5025.4	3605.0	2777.2	2264.3	1923.9
-17.5°	24826.6	20869.0	16730.4	12641.3	9023.5	6332.2	4493.9	3321.5	2597.5	2148.3	1847.1
-20°	21405.3	17638.1	13860.8	10323.9	7308.2	5183.0	3870.3	2996.2	2424.7	2048.6	1788.3



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	17682.6	14346.2	11030.7	7937.9	5915.5	4427.3	3378.2	2674.4	2226.7	1936.3	1720.4
-25°	13930.6	11085.4	8319.1	6333.0	4771.6	3655.3	2925.9	2431.9	2084.9	1836.1	1648.8
-27.5°	10370.7	7993.9	6378.4	4909.8	3849.5	3127.5	2575.6	2191.5	1934.6	1742.0	1599.6
-30°	7321.0	5964.4	4809.7	3867.4	3210.3	2660.8	2275.6	2019.8	1813.2	1651.7	1543.6
-32.5°	5219.9	4450.4	3665.6	3160.4	2681.3	2321.6	2068.5	1859.3	1697.9	1587.3	1494.9
-35°	3869.0	3384.0	2951.7	2609.9	2299.6	2079.4	1882.5	1730.6	1616.5	1523.6	1446.7
-37.5°	3004.6	2693.7	2463.0	2221.6	2046.2	1878.9	1738.1	1629.6	1540.6	1469.5	1403.6
-40°	2446.0	2257.9	2119.3	1964.4	1838.6	1718.4	1626.9	1543.7	1478.1	1416.7	1360.1
-42.5°	2076.0	1967.0	1866.2	1768.2	1674.4	1606.1	1534.6	1473.4	1416.7	1365.1	1318.5
-45°	1819.9	1751.4	1677.5	1628.2	1569.7	1514.1	1456.6	1407.4	1360.5	1317.0	1277.3
-47.5°	1641.5	1605.0	1565.9	1530.2	1484.2	1435.4	1390.7	1346.9	1306.0	1267.4	1225.0
-50°	1522.7	1500.7	1474.2	1444.1	1406.8	1366.4	1327.5	1285.0	1250.5	1214.7	1173.2
-52.5°	1434.4	1416.3	1393.2	1364.9	1337.0	1304.7	1267.6	1231.1	1198.2	1161.5	1120.7
-55°	1360.1	1343.6	1324.0	1302.6	1278.4	1245.5	1212.4	1178.2	1142.9	1107.0	1057.2
-57.5°	1292.5	1277.5	1256.5	1234.7	1212.4	1182.9	1150.9	1118.8	1082.2	1039.1	988.1
-60°	1211.0	1198.3	1175.7	1154.7	1136.1	1113.2	1077.3	1043.5	1011.9	960.8	905.9
-62.5°	1106.4	1089.1	1074.6	1057.7	1039.4	1017.5	987.3	952.0	913.3	868.9	817.9
-65°	994.3	973.2	960.0	948.4	933.0	913.3	883.4	849.6	811.5	769.0	725.2
-67.5°	886.9	868.1	855.0	842.4	826.3	806.7	778.2	745.0	708.7	670.7	632.9
-70°	779.3	764.4	751.0	737.2	719.6	698.2	670.7	640.0	607.6	575.0	543.0
-72.5°	667.6	655.9	642.5	626.4	607.7	586.8	563.6	538.0	511.1	482.9	455.3
-75°	553.0	542.0	528.9	513.8	497.4	479.7	460.8	439.9	418.0	395.0	371.8
-77.5°	434.8	424.5	413.2	401.9	389.9	377.4	363.3	346.0	328.5	310.2	291.7
-80°	318.1	310.9	303.2	296.5	289.1	280.9	271.3	257.6	243.2	229.0	215.8
-82.5°	214.7	209.5	203.7	199.6	195.0	190.0	184.1	175.2	166.2	157.1	148.0
-85°	121.9	117.0	112.1	110.7	108.9	106.9	104.6	100.0	95.2	90.1	84.7
-87.5°	41.5	39.0	36.4	37.4	38.3	39.0	39.5	38.2	36.9	35.5	34.1
-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: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	32.6	31.0	29.3	27.6	25.9	24.1	22.3	20.4	17.7	15.1	12.7
85°	79.2	73.4	67.3	61.1	54.6	48.2	44.5	40.6	35.3	30.2	25.3
82.5°	138.9	130.0	121.0	111.5	100.7	90.0	79.6	69.4	58.1	46.1	37.9
80°	203.6	190.9	177.8	164.0	148.2	131.7	117.1	103.1	89.3	74.6	59.1
77.5°	273.9	255.4	236.2	218.7	200.5	181.1	160.4	139.0	120.4	103.0	84.6
75°	348.9	326.4	303.4	279.7	255.2	230.4	206.8	182.0	157.2	131.9	110.0
72.5°	428.5	400.7	371.9	342.4	313.9	284.6	254.7	224.7	195.7	166.3	136.5
70°	510.3	476.4	442.8	409.6	374.7	338.6	304.4	269.1	233.9	200.3	166.3
67.5°	593.8	555.6	516.1	476.9	438.2	397.5	354.6	313.3	273.3	233.9	195.7
65°	681.6	636.4	590.0	545.5	501.2	456.8	409.9	358.5	311.8	267.7	224.7
62.5°	767.9	718.5	666.5	613.5	563.2	513.9	464.0	406.9	350.5	300.8	253.2
60°	851.5	796.2	740.2	681.7	624.3	569.2	513.9	454.1	392.6	333.0	281.1
57.5°	928.3	870.2	807.6	746.0	684.2	623.2	562.0	498.6	433.4	368.0	308.1
55°	1000.4	937.1	871.7	805.1	740.3	675.3	608.9	541.3	472.7	402.8	334.6
52.5°	1068.0	1001.9	932.5	861.8	791.6	724.5	654.5	582.7	510.0	436.4	363.8
50°	1127.0	1064.9	991.6	916.8	840.8	769.9	698.7	622.9	546.2	468.7	392.2
47.5°	1176.7	1119.6	1048.8	970.1	890.1	814.4	740.1	661.6	581.0	499.6	419.5
45°	1225.3	1170.2	1101.7	1021.4	938.8	858.8	780.0	698.9	614.5	529.4	445.5
42.5°	1270.8	1215.8	1151.8	1070.6	985.4	901.5	818.7	734.2	646.5	557.8	470.3
40°	1309.5	1255.7	1199.0	1118.0	1029.3	941.8	855.5	768.1	677.2	584.9	493.7
37.5°	1347.2	1292.1	1233.7	1162.6	1070.5	979.6	890.0	800.7	706.8	611.0	515.8
35°	1383.8	1326.8	1264.8	1197.2	1108.8	1014.8	922.3	831.1	734.5	636.0	536.4
32.5°	1416.5	1357.8	1293.4	1225.3	1144.1	1047.4	952.2	857.9	760.2	659.6	555.6
30°	1455.3	1383.9	1319.3	1252.8	1174.3	1077.2	979.7	882.8	783.9	681.9	573.6
27.5°	1492.5	1409.0	1342.4	1275.7	1197.9	1104.3	1005.3	905.8	805.6	702.2	591.4
25°	1528.5	1437.7	1363.8	1294.8	1220.6	1130.2	1028.8	926.9	824.7	719.9	607.9
22.5°	1569.8	1464.0	1383.9	1311.4	1242.3	1153.6	1050.0	946.0	841.8	735.7	623.0
20°	1606.7	1485.7	1402.4	1327.1	1258.6	1171.3	1069.0	963.1	856.9	749.7	636.6
17.5°	1642.6	1510.3	1420.5	1342.3	1270.8	1186.7	1085.6	978.0	870.2	761.9	648.6
15°	1692.5	1538.4	1436.2	1355.1	1281.1	1199.9	1099.9	990.8	881.6	772.2	659.5
12.5°	1735.2	1562.0	1449.1	1365.6	1289.5	1210.8	1111.7	1001.4	891.0	781.4	669.1
10°	1769.9	1580.8	1459.3	1373.8	1296.0	1219.3	1121.0	1010.4	899.9	789.4	677.0
7.5°	1796.3	1594.8	1466.5	1379.6	1300.5	1225.6	1129.6	1018.3	907.0	795.6	683.2
5°	1814.2	1604.0	1472.6	1382.9	1302.9	1229.4	1136.0	1024.0	912.0	800.0	687.6
2.5°	1823.5	1608.1	1477.0	1383.8	1303.4	1230.7	1139.8	1027.5	915.1	802.7	690.2
0°	1824.2	1607.2	1478.6	1382.2	1301.8	1229.5	1141.1	1028.6	916.1	803.6	691.1
-2.5°	1823.5	1608.1	1477.0	1383.8	1303.4	1230.7	1139.8	1027.5	915.1	802.7	690.2
-5°	1814.2	1604.0	1472.6	1382.9	1302.9	1229.4	1136.0	1024.0	912.0	800.0	687.6
-7.5°	1796.3	1594.8	1466.5	1379.6	1300.5	1225.6	1129.6	1018.3	907.0	795.6	683.2
-10°	1769.9	1580.8	1459.3	1373.8	1296.0	1219.3	1121.0	1010.4	899.9	789.4	677.0
-12.5°	1735.2	1562.0	1449.1	1365.6	1289.5	1210.8	1111.7	1001.4	891.0	781.4	669.1
-15°	1692.5	1538.4	1436.2	1355.1	1281.1	1199.9	1099.9	990.8	881.6	772.2	659.5
-17.5°	1642.6	1510.3	1420.5	1342.3	1270.8	1186.7	1085.6	978.0	870.2	761.9	648.6
-20°	1606.7	1485.7	1402.4	1327.1	1258.6	1171.3	1069.0	963.1	856.9	749.7	636.6

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1569.8	1464.0	1383.9	1311.4	1242.3	1153.6	1050.0	946.0	841.8	735.7	623.0
-25°	1528.5	1437.7	1363.8	1294.8	1220.6	1130.2	1028.8	926.9	824.7	719.9	607.9
-27.5°	1492.5	1409.0	1342.4	1275.7	1197.9	1104.3	1005.3	905.8	805.6	702.2	591.4
-30°	1455.3	1383.9	1319.3	1252.8	1174.3	1077.2	979.7	882.8	783.9	681.9	573.6
-32.5°	1416.5	1357.8	1293.4	1225.3	1144.1	1047.4	952.2	857.9	760.2	659.6	555.6
-35°	1383.8	1326.8	1264.8	1197.2	1108.8	1014.8	922.3	831.1	734.5	636.0	536.4
-37.5°	1347.2	1292.1	1233.7	1162.6	1070.5	979.6	890.0	800.7	706.8	611.0	515.8
-40°	1309.5	1255.7	1199.0	1118.0	1029.3	941.8	855.5	768.1	677.2	584.9	493.7
-42.5°	1270.8	1215.8	1151.8	1070.6	985.4	901.5	818.7	734.2	646.5	557.8	470.3
-45°	1225.3	1170.2	1101.7	1021.4	938.8	858.8	780.0	698.9	614.5	529.4	445.5
-47.5°	1176.7	1119.6	1048.8	970.1	890.1	814.4	740.1	661.6	581.0	499.6	419.5
-50°	1127.0	1064.9	991.6	916.8	840.8	769.9	698.7	622.9	546.2	468.7	392.2
-52.5°	1068.0	1001.9	932.5	861.8	791.6	724.5	654.5	582.7	510.0	436.4	363.8
-55°	1000.4	937.1	871.7	805.1	740.3	675.3	608.9	541.3	472.7	402.8	334.6
-57.5°	928.3	870.2	807.6	746.0	684.2	623.2	562.0	498.6	433.4	368.0	308.1
-60°	851.5	796.2	740.2	681.7	624.3	569.2	513.9	454.1	392.6	333.0	281.1
-62.5°	767.9	718.5	666.5	613.5	563.2	513.9	464.0	406.9	350.5	300.8	253.2
-65°	681.6	636.4	590.0	545.5	501.2	456.8	409.9	358.5	311.8	267.7	224.7
-67.5°	593.8	555.6	516.1	476.9	438.2	397.5	354.6	313.3	273.3	233.9	195.7
-70°	510.3	476.4	442.8	409.6	374.7	338.6	304.4	269.1	233.9	200.3	166.3
-72.5°	428.5	400.7	371.9	342.4	313.9	284.6	254.7	224.7	195.7	166.3	136.5
-75°	348.9	326.4	303.4	279.7	255.2	230.4	206.8	182.0	157.2	131.9	110.0
-77.5°	273.9	255.4	236.2	218.7	200.5	181.1	160.4	139.0	120.4	103.0	84.6
-80°	203.6	190.9	177.8	164.0	148.2	131.7	117.1	103.1	89.3	74.6	59.1
-82.5°	138.9	130.0	121.0	111.5	100.7	90.0	79.6	69.4	58.1	46.1	37.9
-85°	79.2	73.4	67.3	61.1	54.6	48.2	44.5	40.6	35.3	30.2	25.3
-87.5°	32.6	31.0	29.3	27.6	25.9	24.1	22.3	20.4	17.7	15.1	12.7
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MWR-XX

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°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
85°	20.8	17.4	13.9	10.5	7.0	3.5	0.0
82.5°	31.1	26.0	20.9	15.7	10.5	5.2	0.0
80°	42.9	34.6	27.8	20.9	13.9	7.0	0.0
77.5°	65.4	46.7	34.6	26.0	17.4	8.7	0.0
75°	87.6	65.4	42.9	31.1	20.8	10.4	0.0
72.5°	109.6	83.8	57.6	36.2	24.1	12.1	0.0
70°	131.9	101.9	72.2	42.3	27.5	13.7	0.0
67.5°	156.9	119.8	86.5	53.0	30.7	15.4	0.0
65°	181.5	138.7	100.6	63.6	33.9	17.0	0.0
62.5°	205.5	158.4	114.4	74.0	37.1	18.6	0.0
60°	228.8	177.6	127.9	84.1	40.2	20.1	0.0
57.5°	252.2	196.3	142.6	94.0	46.6	21.6	0.0
55°	275.1	214.4	157.0	103.6	52.9	23.1	0.0
52.5°	297.5	232.1	170.8	113.0	59.0	24.5	0.0
50°	319.3	250.3	184.1	122.0	64.8	25.8	0.0
47.5°	340.8	268.1	196.9	130.9	70.4	27.2	0.0
45°	363.1	285.2	209.1	140.0	75.8	28.4	0.0
42.5°	384.2	301.6	220.8	148.8	80.8	29.6	0.0
40°	404.3	317.4	232.6	156.8	85.6	30.8	0.0
37.5°	423.3	332.5	244.6	164.3	90.1	31.9	0.0
35°	441.0	347.2	255.9	171.4	94.4	32.9	0.0
32.5°	457.6	361.1	266.7	178.0	98.3	33.9	0.0
30°	472.9	374.0	276.7	184.1	101.9	34.8	0.0
27.5°	486.9	385.9	285.7	189.7	105.2	35.7	0.0
25°	499.7	396.7	293.8	194.9	108.2	36.4	0.0
22.5°	511.1	406.3	301.1	199.5	110.9	37.1	0.0
20°	521.2	414.5	307.6	203.6	113.2	37.8	0.0
17.5°	530.4	421.7	313.3	207.2	115.3	38.3	0.0
15°	538.6	427.8	318.2	210.2	117.0	38.8	0.0
12.5°	545.7	432.9	322.2	212.7	118.4	39.2	0.0
10°	551.7	436.8	325.4	214.7	119.4	39.6	0.0
7.5°	556.3	439.8	327.7	216.1	120.2	39.9	0.0
5°	559.7	441.6	329.2	216.9	120.6	40.0	0.0
2.5°	561.8	442.3	329.8	217.2	120.7	40.2	0.0
0°	562.5	442.0	329.5	217.0	120.5	40.2	0.0
-2.5°	561.8	442.3	329.8	217.2	120.7	40.2	0.0
-5°	559.7	441.6	329.2	216.9	120.6	40.0	0.0
-7.5°	556.3	439.8	327.7	216.1	120.2	39.9	0.0
-10°	551.7	436.8	325.4	214.7	119.4	39.6	0.0
-12.5°	545.7	432.9	322.2	212.7	118.4	39.2	0.0
-15°	538.6	427.8	318.2	210.2	117.0	38.8	0.0
-17.5°	530.4	421.7	313.3	207.2	115.3	38.3	0.0
-20°	521.2	414.5	307.6	203.6	113.2	37.8	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	511.1	406.3	301.1	199.5	110.9	37.1	0.0
-25°	499.7	396.7	293.8	194.9	108.2	36.4	0.0
-27.5°	486.9	385.9	285.7	189.7	105.2	35.7	0.0
-30°	472.9	374.0	276.7	184.1	101.9	34.8	0.0
-32.5°	457.6	361.1	266.7	178.0	98.3	33.9	0.0
-35°	441.0	347.2	255.9	171.4	94.4	32.9	0.0
-37.5°	423.3	332.5	244.6	164.3	90.1	31.9	0.0
-40°	404.3	317.4	232.6	156.8	85.6	30.8	0.0
-42.5°	384.2	301.6	220.8	148.8	80.8	29.6	0.0
-45°	363.1	285.2	209.1	140.0	75.8	28.4	0.0
-47.5°	340.8	268.1	196.9	130.9	70.4	27.2	0.0
-50°	319.3	250.3	184.1	122.0	64.8	25.8	0.0
-52.5°	297.5	232.1	170.8	113.0	59.0	24.5	0.0
-55°	275.1	214.4	157.0	103.6	52.9	23.1	0.0
-57.5°	252.2	196.3	142.6	94.0	46.6	21.6	0.0
-60°	228.8	177.6	127.9	84.1	40.2	20.1	0.0
-62.5°	205.5	158.4	114.4	74.0	37.1	18.6	0.0
-65°	181.5	138.7	100.6	63.6	33.9	17.0	0.0
-67.5°	156.9	119.8	86.5	53.0	30.7	15.4	0.0
-70°	131.9	101.9	72.2	42.3	27.5	13.7	0.0
-72.5°	109.6	83.8	57.6	36.2	24.1	12.1	0.0
-75°	87.6	65.4	42.9	31.1	20.8	10.4	0.0
-77.5°	65.4	46.7	34.6	26.0	17.4	8.7	0.0
-80°	42.9	34.6	27.8	20.9	13.9	7.0	0.0
-82.5°	31.1	26.0	20.9	15.7	10.5	5.2	0.0
-85°	20.8	17.4	13.9	10.5	7.0	3.5	0.0
-87.5°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)