

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: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-VWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

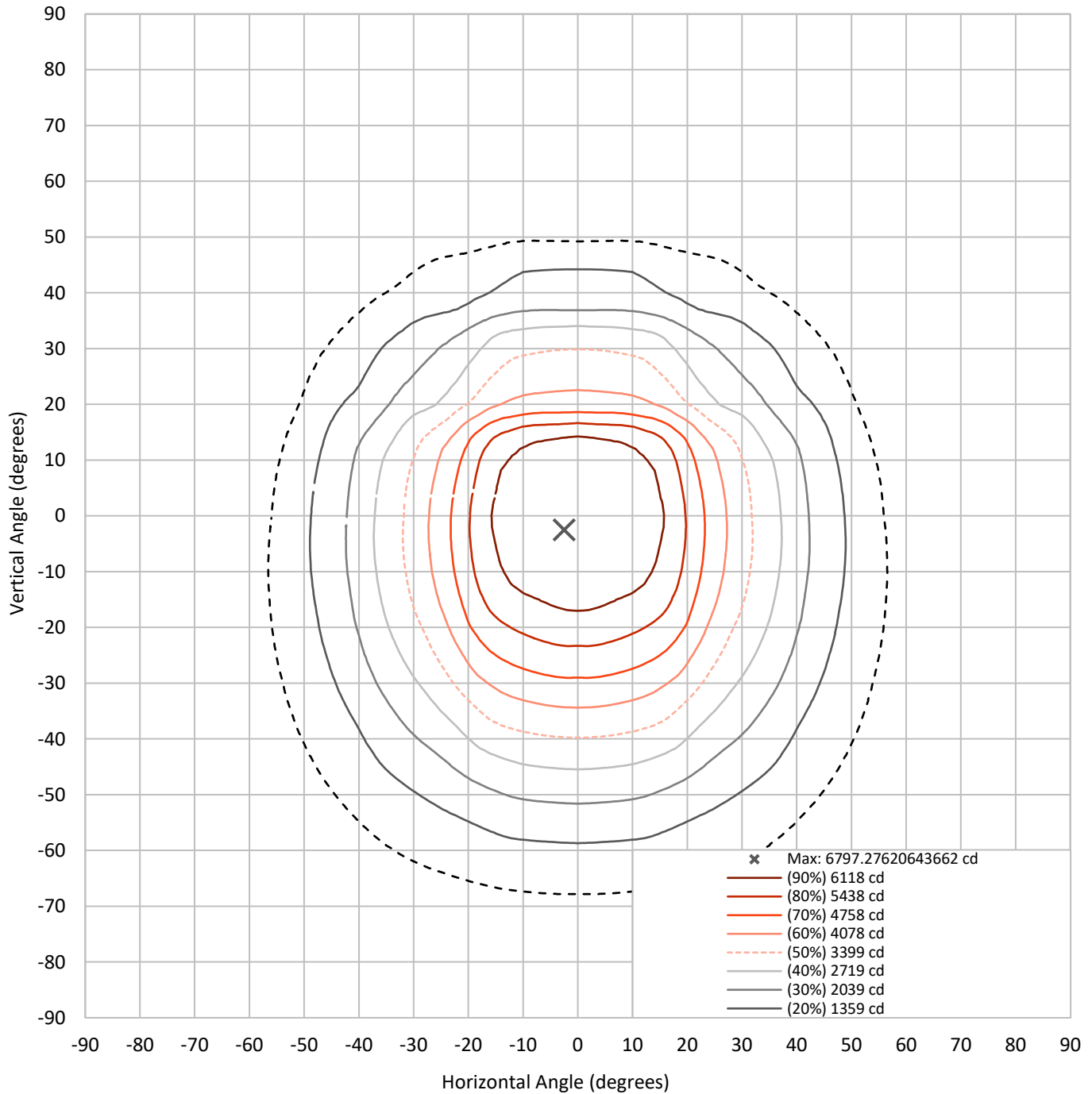
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9071.1 lumens	Max Intensity:	6797.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	83.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	5248.3 lumens	Field Lumens:	8607.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	108.74		
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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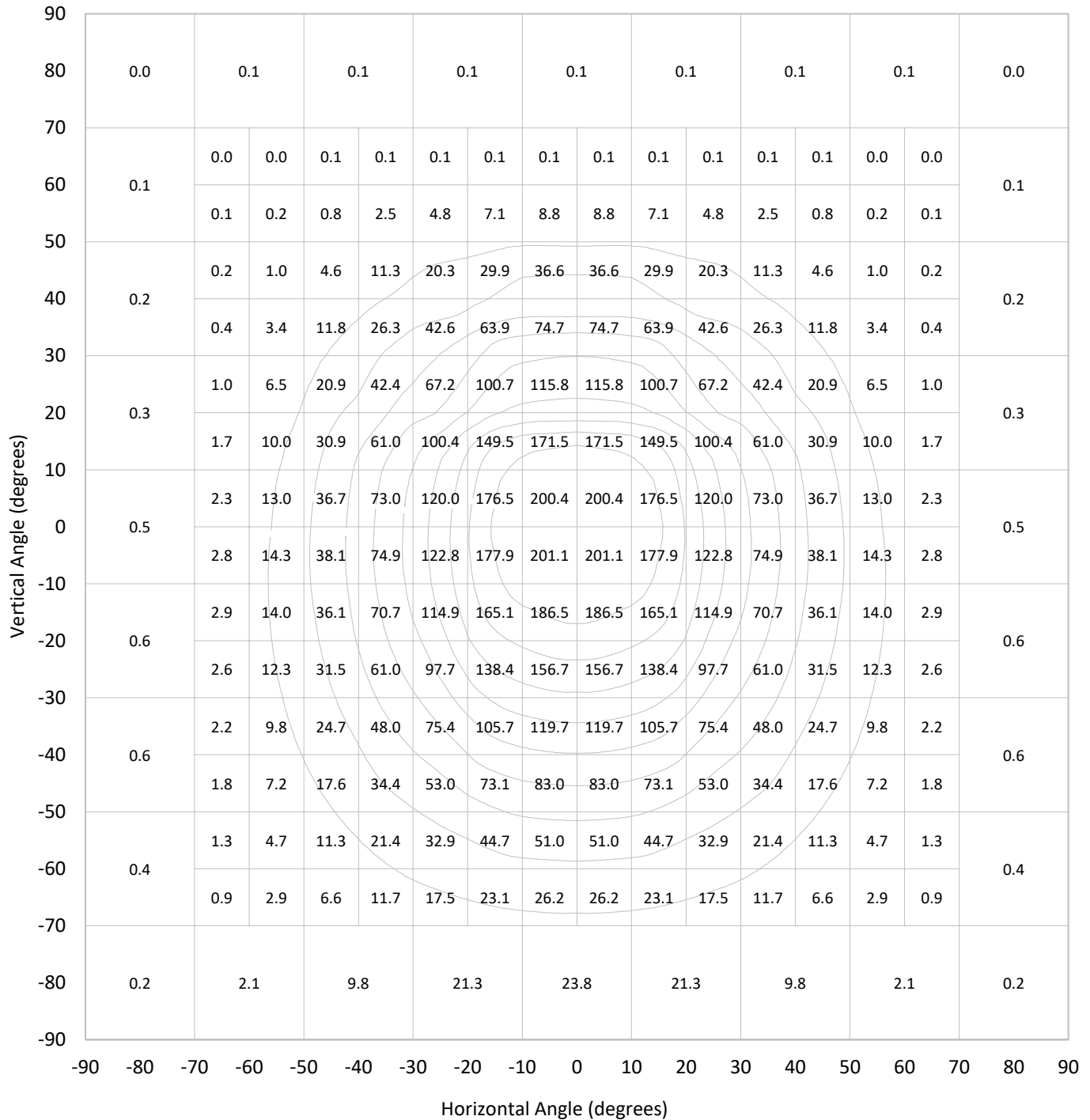
Iso-Candela Plot





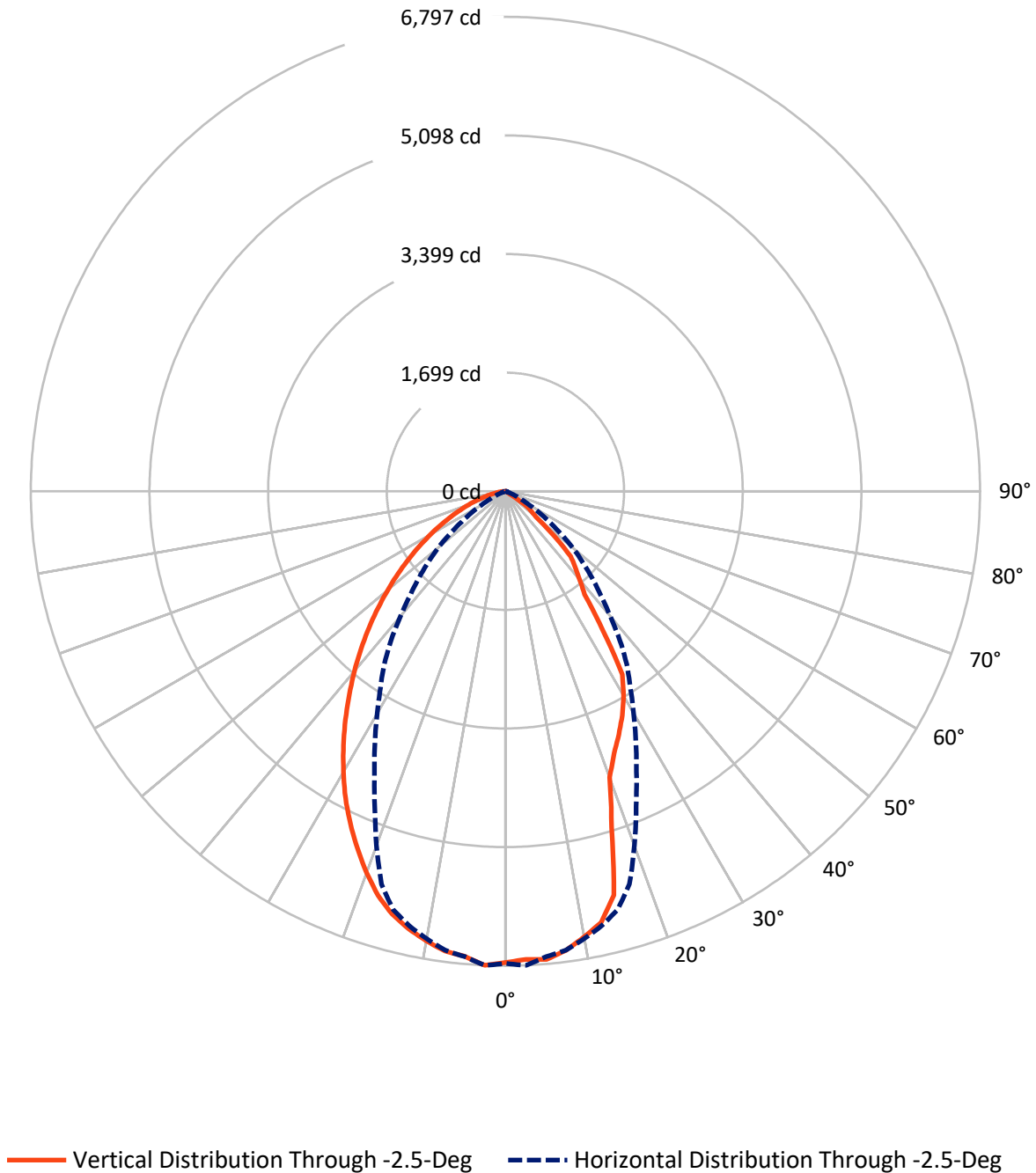
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Lumen Table



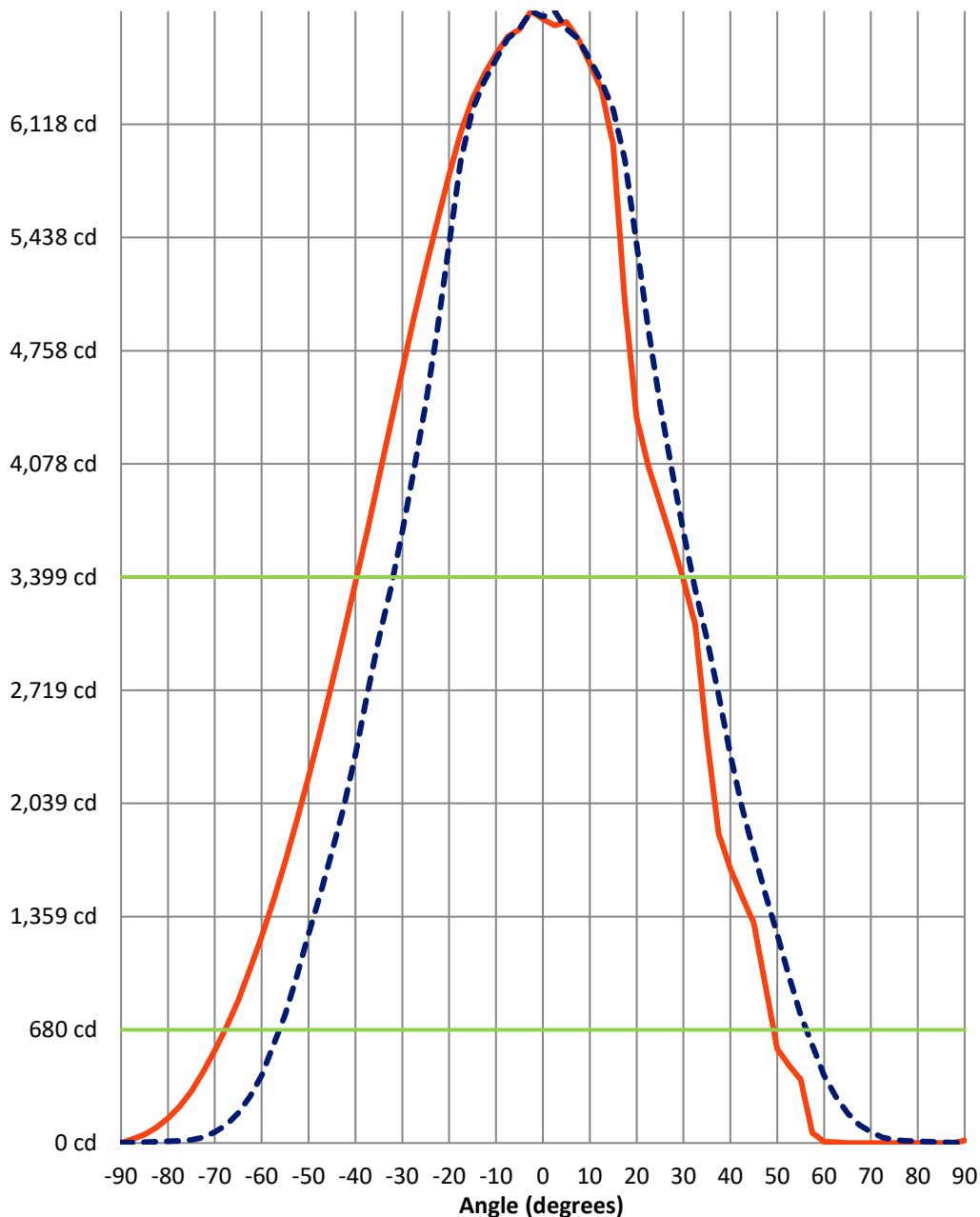
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5248.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 8607.9
 Efficiency: 94.9%

Spill:
 Lumens: 463.2
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	2.5	2.5	2.5	3.1	3.8	4.5	5.1	5.7	6.4	7.0	7.6
87.5°	2.5	2.5	2.5	2.4	2.3	2.1	1.9	1.3	0.8	0.4	0.0
85°	2.5	2.5	2.5	2.3	2.1	1.7	1.2	0.8	0.4	0.2	0.0
82.5°	2.5	2.5	2.5	2.3	1.9	1.3	0.6	0.2	0.1	0.4	0.7
80°	2.5	2.5	2.5	2.2	1.7	0.9	0.1	0.5	0.9	1.3	1.7
77.5°	2.5	2.5	2.5	2.1	1.5	0.8	0.8	1.2	1.7	2.3	2.3
75°	2.5	2.5	2.5	2.1	1.4	1.2	1.4	2.0	2.5	2.0	1.3
72.5°	2.5	2.5	2.5	2.0	1.6	1.6	2.0	2.5	2.1	1.4	0.4
70°	2.5	2.5	2.5	2.0	1.8	2.0	2.5	2.4	1.8	1.0	1.1
67.5°	2.5	2.5	2.5	2.1	2.0	2.3	2.6	2.3	1.6	2.0	2.2
65°	2.5	2.5	2.5	2.2	2.2	2.6	2.7	2.3	2.5	2.9	3.1
62.5°	2.5	2.5	2.5	2.2	2.3	2.8	2.8	2.8	3.4	3.8	3.5
60°	2.5	2.5	2.5	2.3	2.5	3.0	3.0	3.6	4.3	4.4	3.9
57.5°	2.5	2.5	2.5	2.4	2.7	3.3	3.6	4.4	5.0	5.1	4.9
55°	2.5	2.5	2.6	2.4	3.0	3.5	4.2	5.2	5.8	5.9	6.2
52.5°	2.5	2.5	2.6	2.5	3.3	3.9	4.9	5.9	6.6	7.0	7.4
50°	2.5	2.5	2.7	2.5	3.6	4.4	5.5	6.6	7.5	8.0	8.6
47.5°	2.5	2.5	2.7	2.6	3.9	4.9	6.1	7.3	8.4	9.1	9.7
45°	2.5	2.5	2.8	2.8	4.2	5.4	6.7	8.0	9.3	10.2	10.9
42.5°	2.5	2.5	2.9	3.0	4.5	5.9	7.3	8.7	10.3	11.2	13.3
40°	2.5	2.5	3.0	3.4	4.9	6.4	7.8	9.6	11.3	12.3	15.8
37.5°	2.5	2.5	3.1	3.7	5.2	6.8	8.4	10.5	12.3	14.0	18.4
35°	2.5	2.5	3.2	4.0	5.6	7.3	8.9	11.4	13.5	17.2	23.5
32.5°	2.5	2.5	3.3	4.4	5.9	7.7	9.5	12.4	14.6	20.9	33.5
30°	2.5	2.5	3.4	4.7	6.2	8.1	10.2	13.3	15.9	25.2	43.2
27.5°	2.5	2.5	3.6	5.0	6.6	8.5	11.0	14.3	18.0	30.0	52.6
25°	2.5	2.5	3.7	5.3	7.0	8.8	11.7	15.3	21.6	36.9	61.9
22.5°	2.5	2.5	3.9	5.6	7.4	9.2	12.5	16.3	25.5	44.5	74.1
20°	2.5	2.5	4.0	5.8	7.8	9.7	13.2	17.3	29.5	51.8	86.3
17.5°	2.5	2.5	4.1	6.1	8.1	10.1	14.0	18.3	33.6	58.6	98.2
15°	2.5	2.5	4.3	6.4	8.4	10.6	14.7	19.6	37.7	65.0	109.8
12.5°	2.5	2.5	4.4	6.6	8.8	11.0	15.3	21.4	42.3	71.0	120.9
10°	2.5	2.5	4.6	6.8	9.1	11.4	15.9	23.2	47.1	77.9	132.0
7.5°	2.5	2.5	4.7	7.0	9.4	11.7	16.5	25.1	51.7	84.6	143.7
5°	2.5	2.5	4.9	7.2	9.6	12.1	17.0	26.9	56.0	90.8	154.5
2.5°	2.5	2.5	5.0	7.4	9.9	12.4	17.4	28.7	59.9	96.4	164.1
0°	2.5	2.5	5.1	7.6	10.1	12.7	17.8	30.4	63.4	101.5	172.5
-2.5°	2.5	2.5	5.1	7.6	10.1	12.7	17.8	30.4	63.4	101.5	172.5
-5°	2.5	2.5	5.1	7.6	10.5	13.2	19.7	36.3	68.0	116.5	186.3
-7.5°	2.5	2.5	5.1	7.5	10.7	13.4	20.5	38.8	69.6	122.3	191.1
-10°	2.5	2.5	5.0	7.5	10.8	13.6	21.1	40.9	70.7	126.4	194.7
-12.5°	2.5	2.5	5.0	7.4	10.9	13.8	21.6	42.4	71.6	128.6	197.5
-15°	2.5	2.5	4.9	7.3	10.9	13.9	21.9	43.3	73.0	128.4	198.5
-17.5°	2.5	2.5	4.9	7.3	10.9	14.0	22.0	44.3	75.2	127.1	197.2
-20°	2.5	2.5	4.8	7.1	10.8	14.1	22.6	45.2	76.6	124.7	193.6

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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°	2.5	2.5	4.7	7.0	10.7	14.2	24.0	45.6	77.2	121.4	187.5
-25°	2.5	2.5	4.6	6.9	10.5	15.1	25.2	45.5	77.0	117.1	178.7
-27.5°	2.5	2.5	4.5	6.7	10.3	16.3	26.1	44.8	75.9	113.4	172.3
-30°	2.5	2.5	4.4	6.6	10.0	17.3	26.7	43.5	74.5	111.8	165.1
-32.5°	2.5	2.5	4.3	6.4	10.4	18.1	27.1	43.6	72.7	109.0	156.9
-35°	2.5	2.5	4.2	6.2	10.7	18.8	27.8	43.8	70.2	105.0	147.9
-37.5°	2.5	2.5	4.0	6.0	10.8	19.2	28.6	43.7	66.9	99.9	143.8
-40°	2.5	2.5	3.9	5.8	10.9	19.4	29.0	43.1	63.0	95.1	139.3
-42.5°	2.5	2.5	3.7	5.7	11.0	19.4	29.2	42.1	60.7	91.1	132.4
-45°	2.5	2.5	3.6	5.8	11.0	19.2	29.1	41.2	59.1	86.3	123.7
-47.5°	2.5	2.5	3.4	5.7	11.0	18.9	28.6	40.6	56.9	80.4	116.9
-50°	2.5	2.5	3.2	5.6	10.8	18.5	28.0	39.6	55.2	78.3	108.7
-52.5°	2.5	2.5	3.1	5.5	10.5	17.9	27.2	38.2	53.8	75.6	100.0
-55°	2.5	2.5	2.9	5.4	10.0	17.2	26.3	36.5	52.1	72.1	95.8
-57.5°	2.5	2.5	2.7	5.2	9.4	16.3	25.1	35.0	49.7	68.5	90.9
-60°	2.5	2.5	2.5	4.9	8.8	15.1	23.7	33.2	46.6	64.3	85.2
-62.5°	2.5	2.5	2.5	4.7	8.3	13.9	21.8	31.0	42.7	59.2	78.5
-65°	2.5	2.5	2.5	4.3	7.8	12.4	19.6	28.0	38.0	52.6	71.0
-67.5°	2.5	2.5	2.5	4.0	7.1	11.2	17.3	24.6	32.6	44.7	61.0
-70°	2.5	2.5	2.5	3.6	6.5	10.1	14.7	21.0	27.9	36.1	49.3
-72.5°	2.5	2.5	2.5	3.5	5.8	9.0	13.0	17.1	23.0	29.9	37.7
-75°	2.5	2.5	2.5	3.5	5.0	7.9	11.3	14.5	17.9	23.6	30.0
-77.5°	2.5	2.5	2.5	3.5	4.8	6.6	9.5	12.1	14.9	17.8	22.0
-80°	2.5	2.5	2.5	3.4	4.6	6.0	7.7	9.8	12.0	14.4	16.9
-82.5°	2.5	2.5	2.5	3.4	4.4	5.6	7.0	7.9	9.0	10.8	12.7
-85°	2.5	2.5	2.5	3.3	4.2	5.2	6.4	7.2	8.0	8.9	9.7
-87.5°	2.5	2.5	2.5	3.2	4.0	4.9	5.7	6.5	7.2	7.9	8.7
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.6	0.0



REPORT NUMBER: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.2	8.9	9.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	1.5	1.0	0.4	0.0	0.1	0.4	0.3	0.0	0.1	0.3
67.5°	2.3	1.7	1.1	0.7	0.9	1.3	1.2	1.3	1.4	1.5	1.3
65°	2.4	1.8	1.9	2.2	2.5	2.7	2.9	3.1	2.6	2.3	2.3
62.5°	2.6	2.8	3.3	3.7	4.1	4.4	4.4	3.9	3.0	3.7	4.3
60°	3.8	4.2	4.7	5.2	5.7	6.0	5.7	5.7	6.4	7.4	14.2
57.5°	5.1	5.4	6.1	6.9	7.6	7.7	7.9	8.6	20.1	32.8	36.3
55°	6.4	6.7	7.8	9.0	9.7	9.7	13.9	29.3	44.3	61.3	67.6
52.5°	7.7	8.3	10.1	11.6	12.5	19.5	35.3	56.2	78.2	97.8	123.2
50°	9.0	10.9	12.8	15.0	23.8	42.1	65.1	93.6	126.9	158.2	190.3
47.5°	11.3	13.6	16.5	23.6	47.1	72.4	104.1	150.1	191.1	229.0	273.0
45°	14.0	18.8	21.9	46.7	74.0	106.7	160.4	216.7	253.9	304.6	382.4
42.5°	16.7	26.0	41.9	70.6	103.8	156.6	223.2	271.1	320.6	402.8	484.6
40°	24.1	34.8	63.2	97.4	139.5	216.4	284.8	339.0	406.6	497.8	583.2
37.5°	32.9	53.1	85.0	125.9	195.4	279.7	353.0	430.4	508.1	594.1	752.5
35°	42.8	70.1	112.5	167.8	251.3	349.9	437.3	523.8	613.4	782.5	939.7
32.5°	55.7	85.8	141.4	216.4	311.8	420.0	521.4	621.4	765.1	956.5	1114.2
30°	69.6	110.9	174.5	261.5	368.7	484.2	606.1	727.2	917.3	1075.7	1247.0
27.5°	84.1	137.5	213.4	308.5	422.0	544.8	682.4	855.2	1024.7	1181.2	1369.4
25°	99.0	165.2	248.9	353.5	474.4	610.3	768.5	979.0	1111.6	1284.6	1480.9
22.5°	118.2	191.7	284.1	394.3	523.0	677.5	879.3	1090.7	1246.8	1392.2	1584.0
20°	140.4	221.5	322.4	445.4	570.6	743.3	989.5	1211.8	1395.4	1562.0	1738.2
17.5°	161.1	249.4	363.4	497.6	639.9	827.5	1097.6	1343.7	1545.7	1731.4	1951.3
15°	180.2	275.2	403.5	546.9	708.0	924.0	1194.6	1464.8	1695.6	1904.5	2154.3
12.5°	197.7	298.7	442.2	593.1	772.2	1007.2	1276.1	1539.8	1793.4	2065.6	2349.1
10°	213.5	319.9	478.7	635.8	831.6	1077.5	1343.3	1602.3	1858.2	2146.2	2461.2
7.5°	230.5	339.7	511.8	674.6	885.7	1135.7	1397.1	1652.4	1910.5	2210.7	2534.1
5°	246.1	357.9	538.2	702.4	927.5	1181.0	1437.5	1690.5	1950.2	2258.7	2589.3
2.5°	259.8	373.3	559.6	724.2	958.6	1214.4	1463.8	1722.3	1979.7	2297.8	2631.4
0°	271.5	385.7	576.0	740.9	982.0	1238.2	1479.3	1743.2	1996.9	2324.2	2659.2
-2.5°	279.0	406.1	587.2	770.1	1002.5	1253.8	1493.1	1749.0	2015.5	2332.6	2690.3
-5°	284.2	422.5	594.0	792.6	1015.8	1260.7	1497.7	1744.5	2020.4	2330.5	2694.9
-7.5°	287.3	434.2	597.2	805.4	1020.5	1256.6	1490.0	1735.9	2012.3	2322.5	2674.7
-10°	289.0	437.8	601.5	801.5	1014.3	1243.0	1472.8	1715.7	1989.3	2296.6	2636.4
-12.5°	293.8	435.5	600.7	793.0	1001.0	1222.5	1447.3	1683.8	1950.9	2252.3	2583.5
-15°	295.0	430.3	593.5	780.4	980.6	1195.6	1414.0	1640.0	1903.6	2209.2	2525.0
-17.5°	292.3	422.4	579.5	764.4	953.3	1163.0	1374.8	1600.6	1859.3	2159.4	2463.5
-20°	285.5	412.2	558.3	745.5	920.9	1126.8	1335.5	1559.3	1808.3	2090.4	2394.7



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	274.4	399.8	535.3	719.1	892.9	1085.2	1289.4	1502.9	1744.4	2000.9	2302.2
-25°	262.9	385.8	517.2	682.8	859.2	1036.7	1236.5	1434.1	1669.3	1921.2	2188.7
-27.5°	252.0	366.3	498.4	643.1	819.6	984.8	1176.7	1369.4	1584.8	1831.8	2078.0
-30°	237.8	345.2	475.4	604.8	772.1	936.0	1109.9	1299.6	1493.3	1727.7	1970.0
-32.5°	225.2	323.3	449.2	575.7	721.2	881.0	1038.0	1218.8	1407.9	1607.6	1847.0
-35°	216.8	310.4	421.5	542.0	669.2	821.2	970.5	1127.6	1310.7	1498.2	1708.4
-37.5°	210.0	295.5	392.3	507.0	628.0	758.5	898.2	1042.7	1202.5	1391.6	1589.2
-40°	199.3	278.8	370.7	473.5	580.3	699.0	828.7	959.5	1098.0	1282.7	1477.7
-42.5°	185.5	262.5	350.3	437.2	534.7	643.0	758.4	881.5	1014.7	1175.1	1354.3
-45°	175.0	241.8	327.7	405.5	486.2	585.3	693.6	805.2	930.7	1068.4	1229.4
-47.5°	161.6	219.2	298.1	370.8	441.9	526.4	625.5	731.1	842.3	966.4	1098.3
-50°	147.2	200.4	261.8	332.6	400.4	470.7	555.2	652.9	753.8	862.0	979.7
-52.5°	136.3	178.4	234.4	293.3	358.0	421.8	493.7	577.5	667.6	758.0	861.5
-55°	124.0	162.2	208.4	261.2	316.2	375.3	440.7	514.1	587.6	670.6	753.2
-57.5°	115.3	146.6	186.6	232.5	282.0	332.1	393.9	455.9	524.0	592.7	661.3
-60°	108.5	133.1	166.3	206.8	250.9	297.7	348.4	405.7	464.3	520.3	579.6
-62.5°	100.8	122.2	148.1	181.1	220.9	261.7	306.4	355.5	408.5	455.7	501.6
-65°	90.7	109.3	131.6	158.4	189.7	224.2	262.3	303.7	349.4	387.8	425.3
-67.5°	79.2	94.9	113.6	135.5	161.6	188.5	216.4	251.4	288.6	319.8	350.4
-70°	64.8	79.2	94.5	112.4	132.9	155.7	180.3	205.6	231.1	256.6	284.5
-72.5°	49.6	62.7	75.7	88.4	104.7	123.4	143.5	164.8	187.0	208.8	230.1
-75°	37.8	46.3	57.7	69.1	80.4	92.6	106.2	123.1	143.8	165.0	184.4
-77.5°	28.5	35.7	43.2	51.1	58.3	67.2	77.0	87.6	104.6	124.2	143.9
-80°	20.6	24.9	30.9	37.2	42.2	47.2	52.3	57.7	70.3	86.1	102.9
-82.5°	15.3	18.2	21.5	25.2	27.8	30.2	33.0	36.5	45.9	56.6	67.8
-85°	10.5	11.4	13.2	15.2	16.7	18.1	19.6	21.1	26.1	31.8	37.9
-87.5°	9.1	9.5	10.0	10.5	10.7	10.9	11.0	11.2	12.9	14.7	16.5
-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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.1	10.8	11.4	12.1	12.7	13.3	14.0	14.6	15.2	15.2	15.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	1.0	1.5	1.8	1.8	1.6	1.3
62.5°	4.0	3.7	3.3	3.9	4.6	5.4	5.1	4.8	4.5	4.3	4.5
60°	15.0	10.0	11.6	14.5	13.6	9.3	15.3	17.3	14.8	10.1	9.8
57.5°	38.0	36.7	42.1	61.4	67.6	61.6	73.6	89.4	88.9	76.5	76.1
55°	81.0	108.7	142.1	147.5	170.8	217.4	253.7	237.8	237.7	249.7	288.2
52.5°	153.9	180.0	189.8	215.7	264.4	299.6	322.3	345.8	371.5	397.8	424.4
50°	225.9	251.2	280.1	306.7	374.0	410.1	404.1	452.7	514.9	553.8	573.8
47.5°	331.3	371.3	432.2	527.5	577.8	614.1	659.2	714.3	785.6	882.3	956.8
45°	455.4	518.3	612.5	713.8	791.8	827.3	879.0	964.3	1077.9	1188.6	1269.4
42.5°	556.9	643.2	749.5	846.3	909.8	968.2	1035.1	1106.9	1237.1	1355.3	1448.7
40°	689.4	756.6	875.8	967.0	1024.0	1081.8	1187.8	1295.4	1417.8	1527.9	1604.5
37.5°	857.2	932.8	1056.8	1160.0	1214.8	1235.3	1415.6	1565.4	1664.9	1805.5	1851.4
35°	1037.5	1162.0	1319.9	1453.8	1507.5	1614.8	1800.5	2009.6	2236.1	2319.4	2390.4
32.5°	1238.7	1392.2	1606.6	1750.2	1826.9	1989.6	2224.7	2447.8	2744.0	2904.8	2952.8
30°	1422.7	1598.9	1783.2	1922.8	2053.9	2249.8	2464.2	2739.3	3013.2	3218.7	3282.6
27.5°	1557.8	1752.8	1929.9	2060.6	2208.5	2419.8	2687.1	2965.7	3234.6	3444.3	3518.8
25°	1686.7	1907.1	2047.3	2199.3	2373.0	2603.3	2899.5	3209.0	3473.8	3651.1	3742.5
22.5°	1833.3	2050.6	2201.2	2329.9	2557.0	2822.3	3097.3	3447.1	3727.6	3869.1	3968.1
20°	1984.7	2230.5	2463.1	2582.8	2779.3	3115.3	3423.1	3753.4	4024.2	4171.6	4275.9
17.5°	2195.8	2509.1	2794.4	2963.9	3174.4	3576.1	3960.2	4294.2	4671.1	4804.2	4931.7
15°	2418.5	2781.1	3115.2	3383.9	3655.7	4053.8	4548.2	4951.3	5381.3	5573.4	5790.4
12.5°	2640.5	2983.6	3286.3	3633.0	4016.0	4368.1	4838.7	5340.8	5731.0	5975.9	6122.1
10°	2806.4	3125.1	3416.4	3763.8	4146.1	4544.4	5012.2	5526.8	5935.2	6144.2	6263.5
7.5°	2896.0	3201.0	3508.3	3860.3	4240.9	4665.1	5147.0	5657.6	6075.2	6277.7	6395.5
5°	2962.5	3255.4	3573.6	3944.2	4329.0	4759.1	5240.4	5744.9	6125.7	6340.9	6489.8
2.5°	3002.7	3289.9	3615.2	3998.4	4384.2	4832.2	5336.6	5859.6	6192.8	6365.9	6502.9
0°	3014.4	3303.6	3638.6	4026.8	4422.6	4874.3	5374.1	5891.7	6229.2	6396.7	6536.2
-2.5°	3027.5	3325.3	3669.4	4045.2	4437.7	4888.1	5398.2	5902.6	6206.3	6375.2	6507.9
-5°	3018.4	3327.0	3670.1	4030.0	4425.0	4871.8	5361.6	5833.2	6150.8	6333.5	6465.5
-7.5°	2991.1	3304.1	3643.6	3989.5	4377.0	4828.9	5316.6	5770.8	6092.5	6285.1	6429.5
-10°	2951.3	3255.2	3597.1	3947.4	4330.2	4760.4	5240.7	5692.1	5999.9	6204.5	6372.8
-12.5°	2907.3	3204.9	3534.4	3870.4	4249.0	4673.8	5139.2	5566.5	5872.6	6095.7	6216.0
-15°	2842.0	3139.4	3454.4	3779.4	4148.5	4560.6	5005.1	5415.1	5715.6	5897.2	6030.2
-17.5°	2759.0	3050.8	3349.5	3657.7	4005.5	4411.3	4858.5	5262.8	5507.8	5670.0	5800.6
-20°	2670.1	2939.9	3222.9	3513.8	3850.8	4252.9	4692.0	5044.7	5275.6	5431.4	5554.8



REPORT NUMBER: P626960 (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°	2568.5	2828.4	3087.4	3365.5	3695.9	4064.5	4452.5	4793.2	5041.5	5183.4	5297.5
-25°	2452.5	2705.3	2951.3	3219.9	3523.6	3854.9	4215.6	4550.6	4772.9	4923.6	5036.7
-27.5°	2327.7	2565.2	2805.4	3046.6	3319.7	3649.8	3983.8	4295.0	4484.8	4636.7	4750.5
-30°	2203.1	2416.7	2638.9	2867.3	3123.5	3421.2	3733.7	3995.3	4195.5	4343.1	4448.7
-32.5°	2068.0	2270.7	2467.6	2681.0	2922.3	3184.6	3458.8	3707.7	3921.6	4056.8	4145.8
-35°	1929.6	2125.9	2306.1	2499.8	2712.6	2939.0	3192.1	3437.6	3648.8	3755.8	3842.5
-37.5°	1785.5	1981.2	2152.1	2313.9	2497.2	2706.9	2953.4	3187.6	3370.1	3462.1	3540.3
-40°	1660.2	1832.5	1986.3	2141.2	2290.2	2476.4	2706.5	2933.2	3079.6	3169.2	3241.9
-42.5°	1538.6	1683.9	1809.9	1948.6	2097.9	2281.4	2467.0	2657.1	2774.8	2874.3	2950.8
-45°	1396.9	1526.8	1644.9	1760.4	1896.4	2064.0	2232.6	2384.9	2495.2	2591.3	2665.8
-47.5°	1240.2	1365.6	1480.3	1583.6	1710.0	1849.8	1991.8	2118.5	2227.3	2322.3	2388.8
-50°	1094.2	1206.2	1318.2	1422.7	1532.3	1645.3	1760.5	1871.7	1975.0	2067.4	2123.9
-52.5°	963.4	1066.8	1164.6	1255.9	1351.8	1447.4	1542.8	1644.6	1739.7	1827.1	1872.2
-55°	845.0	938.3	1026.6	1103.5	1180.4	1256.2	1338.0	1432.0	1519.6	1600.5	1632.9
-57.5°	738.8	818.5	896.7	961.8	1024.6	1084.8	1156.6	1236.0	1312.6	1382.0	1408.5
-60°	641.1	704.4	769.7	827.4	882.2	933.9	996.5	1060.4	1122.5	1174.8	1197.4
-62.5°	551.2	605.3	654.8	701.8	748.1	794.7	845.2	895.9	946.1	986.3	1006.7
-65°	464.5	507.6	547.4	586.0	623.4	662.5	702.0	740.6	777.7	806.5	824.2
-67.5°	383.1	415.9	447.5	477.5	508.9	540.6	571.5	601.0	628.9	651.1	668.0
-70°	311.0	336.4	361.1	386.0	412.1	436.8	460.1	482.1	502.9	518.9	531.9
-72.5°	250.7	271.2	292.6	315.0	336.1	354.6	371.3	387.5	402.9	412.0	418.8
-75°	202.1	219.4	238.0	256.1	273.8	287.8	300.1	312.0	323.4	324.0	321.8
-77.5°	163.3	178.8	193.1	207.4	221.5	230.1	237.6	245.4	253.2	248.7	241.5
-80°	119.9	132.7	144.9	157.2	169.5	174.6	178.1	181.2	183.8	177.9	170.6
-82.5°	79.6	87.7	95.6	103.7	111.8	115.1	117.6	119.6	121.2	115.8	109.6
-85°	44.4	48.3	52.1	56.0	59.8	62.1	64.2	66.1	67.9	64.7	61.1
-87.5°	18.4	19.3	20.2	21.0	21.8	22.7	23.5	24.3	25.0	25.2	25.2
-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: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	14.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.3	1.6	1.8	1.8
62.5°	4.7	4.9	5.0	5.1	5.0	4.9	4.7	4.5	4.3	4.5	4.8
60°	9.0	7.8	7.6	7.6	7.6	7.8	9.0	9.8	10.1	14.8	17.3
57.5°	70.3	60.2	61.8	68.5	61.8	60.2	70.3	76.1	76.5	88.9	89.4
55°	328.7	367.0	380.5	373.0	380.5	367.0	328.7	288.2	249.7	237.7	237.8
52.5°	445.4	461.0	467.1	466.9	467.1	461.0	445.4	424.4	397.8	371.5	345.8
50°	579.8	574.5	566.3	558.2	566.3	574.5	579.8	573.8	553.8	514.9	452.7
47.5°	967.6	950.9	943.8	956.6	943.8	950.9	967.6	956.8	882.3	785.6	714.3
45°	1285.9	1305.5	1320.2	1319.4	1320.2	1305.5	1285.9	1269.4	1188.6	1077.9	964.3
42.5°	1467.0	1477.5	1480.5	1476.7	1480.5	1477.5	1467.0	1448.7	1355.3	1237.1	1106.9
40°	1628.5	1641.0	1648.0	1654.4	1648.0	1641.0	1628.5	1604.5	1527.9	1417.8	1295.4
37.5°	1866.6	1871.1	1861.2	1854.8	1861.2	1871.1	1866.6	1851.4	1805.5	1664.9	1565.4
35°	2450.2	2462.2	2434.5	2463.8	2434.5	2462.2	2450.2	2390.4	2319.4	2236.1	2009.6
32.5°	3010.0	3066.0	3111.3	3148.9	3111.3	3066.0	3010.0	2952.8	2904.8	2744.0	2447.8
30°	3327.1	3363.2	3382.6	3387.4	3382.6	3363.2	3327.1	3282.6	3218.7	3013.2	2739.3
27.5°	3559.9	3597.8	3621.4	3638.6	3621.4	3597.8	3559.9	3518.8	3444.3	3234.6	2965.7
25°	3784.3	3819.0	3842.5	3851.7	3842.5	3819.0	3784.3	3742.5	3651.1	3473.8	3209.0
22.5°	4017.2	4041.3	4063.9	4075.0	4063.9	4041.3	4017.2	3968.1	3869.1	3727.6	3447.1
20°	4350.9	4337.8	4358.5	4351.6	4358.5	4337.8	4350.9	4275.9	4171.6	4024.2	3753.4
17.5°	5031.1	5038.2	5052.0	5074.7	5052.0	5038.2	5031.1	4931.7	4804.2	4671.1	4294.2
15°	5886.6	5903.8	5991.3	6069.4	5991.3	5903.8	5886.6	5790.4	5573.4	5381.3	4951.3
12.5°	6257.7	6317.2	6326.5	6348.5	6326.5	6317.2	6257.7	6122.1	5975.9	5731.0	5340.8
10°	6381.5	6484.7	6482.4	6508.3	6482.4	6484.7	6381.5	6263.5	6144.2	5935.2	5526.8
7.5°	6475.4	6586.2	6633.0	6653.0	6633.0	6586.2	6475.4	6395.5	6277.7	6075.2	5657.6
5°	6590.1	6651.1	6731.9	6708.8	6731.9	6651.1	6590.1	6489.8	6340.9	6125.7	5744.9
2.5°	6638.2	6733.7	6711.6	6734.1	6711.6	6733.7	6638.2	6502.9	6365.9	6192.8	5859.6
0°	6670.7	6739.2	6749.4	6772.2	6749.4	6739.2	6670.7	6536.2	6396.7	6229.2	5891.7
-2.5°	6631.4	6691.6	6797.3	6764.6	6797.3	6691.6	6631.4	6507.9	6375.2	6206.3	5902.6
-5°	6596.9	6745.3	6687.6	6759.5	6687.6	6745.3	6596.9	6465.5	6333.5	6150.8	5833.2
-7.5°	6579.1	6605.6	6643.9	6698.6	6643.9	6605.6	6579.1	6429.5	6285.1	6092.5	5770.8
-10°	6441.4	6468.5	6538.8	6576.8	6538.8	6468.5	6441.4	6372.8	6204.5	5999.9	5692.1
-12.5°	6292.0	6344.5	6418.3	6442.4	6418.3	6344.5	6292.0	6216.0	6095.7	5872.6	5566.5
-15°	6119.9	6198.0	6269.9	6285.0	6269.9	6198.0	6119.9	6030.2	5897.2	5715.6	5415.1
-17.5°	5901.1	5994.7	6070.3	6087.1	6070.3	5994.7	5901.1	5800.6	5670.0	5507.8	5262.8
-20°	5660.1	5749.7	5814.0	5833.4	5814.0	5749.7	5660.1	5554.8	5431.4	5275.6	5044.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5402.0	5482.7	5537.1	5528.9	5537.1	5482.7	5402.0	5297.5	5183.4	5041.5	4793.2
-25°	5127.9	5202.8	5254.6	5247.3	5254.6	5202.8	5127.9	5036.7	4923.6	4772.9	4550.6
-27.5°	4838.2	4909.2	4958.9	4960.5	4958.9	4909.2	4838.2	4750.5	4636.7	4484.8	4295.0
-30°	4533.8	4598.3	4638.7	4623.1	4638.7	4598.3	4533.8	4448.7	4343.1	4195.5	3995.3
-32.5°	4219.8	4278.1	4315.2	4326.2	4315.2	4278.1	4219.8	4145.8	4056.8	3921.6	3707.7
-35°	3910.1	3961.5	3993.6	4001.4	3993.6	3961.5	3910.1	3842.5	3755.8	3648.8	3437.6
-37.5°	3602.4	3646.6	3669.0	3658.9	3669.0	3646.6	3602.4	3540.3	3462.1	3370.1	3187.6
-40°	3298.4	3340.5	3366.1	3372.1	3366.1	3340.5	3298.4	3241.9	3169.2	3079.6	2933.2
-42.5°	2999.4	3034.4	3056.9	3067.7	3056.9	3034.4	2999.4	2950.8	2874.3	2774.8	2657.1
-45°	2709.2	2740.5	2761.6	2773.3	2761.6	2740.5	2709.2	2665.8	2591.3	2495.2	2384.9
-47.5°	2427.0	2454.4	2472.6	2481.5	2472.6	2454.4	2427.0	2388.8	2322.3	2227.3	2118.5
-50°	2157.0	2180.8	2197.7	2207.5	2197.7	2180.8	2157.0	2123.9	2067.4	1975.0	1871.7
-52.5°	1901.0	1921.7	1936.2	1943.6	1936.2	1921.7	1901.0	1872.2	1827.1	1739.7	1644.6
-55°	1656.5	1673.4	1686.8	1695.0	1686.8	1673.4	1656.5	1632.9	1600.5	1519.6	1432.0
-57.5°	1428.6	1442.4	1455.0	1464.1	1455.0	1442.4	1428.6	1408.5	1382.0	1312.6	1236.0
-60°	1215.2	1228.2	1239.0	1245.8	1239.0	1228.2	1215.2	1197.4	1174.8	1122.5	1060.4
-62.5°	1022.7	1034.2	1044.1	1050.5	1044.1	1034.2	1022.7	1006.7	986.3	946.1	895.9
-65°	838.1	848.4	855.8	860.2	855.8	848.4	838.1	824.2	806.5	777.7	740.6
-67.5°	682.5	694.3	696.7	695.2	696.7	694.3	682.5	668.0	651.1	628.9	601.0
-70°	543.6	553.6	556.0	555.7	556.0	553.6	543.6	531.9	518.9	502.9	482.1
-72.5°	425.1	430.5	425.9	418.7	425.9	430.5	425.1	418.8	412.0	402.9	387.5
-75°	319.0	315.5	310.5	304.5	310.5	315.5	319.0	321.8	324.0	323.4	312.0
-77.5°	233.6	224.9	219.3	213.1	219.3	224.9	233.6	241.5	248.7	253.2	245.4
-80°	162.6	154.2	148.3	142.1	148.3	154.2	162.6	170.6	177.9	183.8	181.2
-82.5°	103.0	96.0	92.5	88.8	92.5	96.0	103.0	109.6	115.8	121.2	119.6
-85°	57.2	53.1	50.7	48.2	50.7	53.1	57.2	61.1	64.7	67.9	66.1
-87.5°	25.3	25.4	24.1	22.8	24.1	25.4	25.3	25.2	25.2	25.0	24.3
-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: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.0	13.3	12.7	12.1	11.4	10.8	10.1	9.5	8.9	8.2	7.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.3
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.5	1.4	1.3
65°	1.5	1.0	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	3.1
62.5°	5.1	5.4	4.6	3.9	3.3	3.7	4.0	4.3	3.7	3.0	3.9
60°	15.3	9.3	13.6	14.5	11.6	10.0	15.0	14.2	7.4	6.4	5.7
57.5°	73.6	61.6	67.6	61.4	42.1	36.7	38.0	36.3	32.8	20.1	8.6
55°	253.7	217.4	170.8	147.5	142.1	108.7	81.0	67.6	61.3	44.3	29.3
52.5°	322.3	299.6	264.4	215.7	189.8	180.0	153.9	123.2	97.8	78.2	56.2
50°	404.1	410.1	374.0	306.7	280.1	251.2	225.9	190.3	158.2	126.9	93.6
47.5°	659.2	614.1	577.8	527.5	432.2	371.3	331.3	273.0	229.0	191.1	150.1
45°	879.0	827.3	791.8	713.8	612.5	518.3	455.4	382.4	304.6	253.9	216.7
42.5°	1035.1	968.2	909.8	846.3	749.5	643.2	556.9	484.6	402.8	320.6	271.1
40°	1187.8	1081.8	1024.0	967.0	875.8	756.6	689.4	583.2	497.8	406.6	339.0
37.5°	1415.6	1235.3	1214.8	1160.0	1056.8	932.8	857.2	752.5	594.1	508.1	430.4
35°	1800.5	1614.8	1507.5	1453.8	1319.9	1162.0	1037.5	939.7	782.5	613.4	523.8
32.5°	2224.7	1989.6	1826.9	1750.2	1606.6	1392.2	1238.7	1114.2	956.5	765.1	621.4
30°	2464.2	2249.8	2053.9	1922.8	1783.2	1598.9	1422.7	1247.0	1075.7	917.3	727.2
27.5°	2687.1	2419.8	2208.5	2060.6	1929.9	1752.8	1557.8	1369.4	1181.2	1024.7	855.2
25°	2899.5	2603.3	2373.0	2199.3	2047.3	1907.1	1686.7	1480.9	1284.6	1111.6	979.0
22.5°	3097.3	2822.3	2557.0	2329.9	2201.2	2050.6	1833.3	1584.0	1392.2	1246.8	1090.7
20°	3423.1	3115.3	2779.3	2582.8	2463.1	2230.5	1984.7	1738.2	1562.0	1395.4	1211.8
17.5°	3960.2	3576.1	3174.4	2963.9	2794.4	2509.1	2195.8	1951.3	1731.4	1545.7	1343.7
15°	4548.2	4053.8	3655.7	3383.9	3115.2	2781.1	2418.5	2154.3	1904.5	1695.6	1464.8
12.5°	4838.7	4368.1	4016.0	3633.0	3286.3	2983.6	2640.5	2349.1	2065.6	1793.4	1539.8
10°	5012.2	4544.4	4146.1	3763.8	3416.4	3125.1	2806.4	2461.2	2146.2	1858.2	1602.3
7.5°	5147.0	4665.1	4240.9	3860.3	3508.3	3201.0	2896.0	2534.1	2210.7	1910.5	1652.4
5°	5240.4	4759.1	4329.0	3944.2	3573.6	3255.4	2962.5	2589.3	2258.7	1950.2	1690.5
2.5°	5336.6	4832.2	4384.2	3998.4	3615.2	3289.9	3002.7	2631.4	2297.8	1979.7	1722.3
0°	5374.1	4874.3	4422.6	4026.8	3638.6	3303.6	3014.4	2659.2	2324.2	1996.9	1743.2
-2.5°	5398.2	4888.1	4437.7	4045.2	3669.4	3325.3	3027.5	2690.3	2332.6	2015.5	1749.0
-5°	5361.6	4871.8	4425.0	4030.0	3670.1	3327.0	3018.4	2694.9	2330.5	2020.4	1744.5
-7.5°	5316.6	4828.9	4377.0	3989.5	3643.6	3304.1	2991.1	2674.7	2322.5	2012.3	1735.9
-10°	5240.7	4760.4	4330.2	3947.4	3597.1	3255.2	2951.3	2636.4	2296.6	1989.3	1715.7
-12.5°	5139.2	4673.8	4249.0	3870.4	3534.4	3204.9	2907.3	2583.5	2252.3	1950.9	1683.8
-15°	5005.1	4560.6	4148.5	3779.4	3454.4	3139.4	2842.0	2525.0	2209.2	1903.6	1640.0
-17.5°	4858.5	4411.3	4005.5	3657.7	3349.5	3050.8	2759.0	2463.5	2159.4	1859.3	1600.6
-20°	4692.0	4252.9	3850.8	3513.8	3222.9	2939.9	2670.1	2394.7	2090.4	1808.3	1559.3



REPORT NUMBER: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4452.5	4064.5	3695.9	3365.5	3087.4	2828.4	2568.5	2302.2	2000.9	1744.4	1502.9
-25°	4215.6	3854.9	3523.6	3219.9	2951.3	2705.3	2452.5	2188.7	1921.2	1669.3	1434.1
-27.5°	3983.8	3649.8	3319.7	3046.6	2805.4	2565.2	2327.7	2078.0	1831.8	1584.8	1369.4
-30°	3733.7	3421.2	3123.5	2867.3	2638.9	2416.7	2203.1	1970.0	1727.7	1493.3	1299.6
-32.5°	3458.8	3184.6	2922.3	2681.0	2467.6	2270.7	2068.0	1847.0	1607.6	1407.9	1218.8
-35°	3192.1	2939.0	2712.6	2499.8	2306.1	2125.9	1929.6	1708.4	1498.2	1310.7	1127.6
-37.5°	2953.4	2706.9	2497.2	2313.9	2152.1	1981.2	1785.5	1589.2	1391.6	1202.5	1042.7
-40°	2706.5	2476.4	2290.2	2141.2	1986.3	1832.5	1660.2	1477.7	1282.7	1098.0	959.5
-42.5°	2467.0	2281.4	2097.9	1948.6	1809.9	1683.9	1538.6	1354.3	1175.1	1014.7	881.5
-45°	2232.6	2064.0	1896.4	1760.4	1644.9	1526.8	1396.9	1229.4	1068.4	930.7	805.2
-47.5°	1991.8	1849.8	1710.0	1583.6	1480.3	1365.6	1240.2	1098.3	966.4	842.3	731.1
-50°	1760.5	1645.3	1532.3	1422.7	1318.2	1206.2	1094.2	979.7	862.0	753.8	652.9
-52.5°	1542.8	1447.4	1351.8	1255.9	1164.6	1066.8	963.4	861.5	758.0	667.6	577.5
-55°	1338.0	1256.2	1180.4	1103.5	1026.6	938.3	845.0	753.2	670.6	587.6	514.1
-57.5°	1156.6	1084.8	1024.6	961.8	896.7	818.5	738.8	661.3	592.7	524.0	455.9
-60°	996.5	933.9	882.2	827.4	769.7	704.4	641.1	579.6	520.3	464.3	405.7
-62.5°	845.2	794.7	748.1	701.8	654.8	605.3	551.2	501.6	455.7	408.5	355.5
-65°	702.0	662.5	623.4	586.0	547.4	507.6	464.5	425.3	387.8	349.4	303.7
-67.5°	571.5	540.6	508.9	477.5	447.5	415.9	383.1	350.4	319.8	288.6	251.4
-70°	460.1	436.8	412.1	386.0	361.1	336.4	311.0	284.5	256.6	231.1	205.6
-72.5°	371.3	354.6	336.1	315.0	292.6	271.2	250.7	230.1	208.8	187.0	164.8
-75°	300.1	287.8	273.8	256.1	238.0	219.4	202.1	184.4	165.0	143.8	123.1
-77.5°	237.6	230.1	221.5	207.4	193.1	178.8	163.3	143.9	124.2	104.6	87.6
-80°	178.1	174.6	169.5	157.2	144.9	132.7	119.9	102.9	86.1	70.3	57.7
-82.5°	117.6	115.1	111.8	103.7	95.6	87.7	79.6	67.8	56.6	45.9	36.5
-85°	64.2	62.1	59.8	56.0	52.1	48.3	44.4	37.9	31.8	26.1	21.1
-87.5°	23.5	22.7	21.8	21.0	20.2	19.3	18.4	16.5	14.7	12.9	11.2
-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: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.0	6.4	5.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.7	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.3	1.6	1.7	1.3	0.9	0.5
77.5°	0.0	0.0	0.0	0.0	0.3	0.7	1.4	2.3	2.3	1.7	1.2
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.3	2.0	2.5	2.0
72.5°	0.0	0.0	0.0	0.3	0.7	0.7	0.4	0.4	1.4	2.1	2.5
70°	0.4	0.1	0.0	0.4	1.0	1.5	1.4	1.1	1.0	1.8	2.4
67.5°	1.2	1.3	0.9	0.7	1.1	1.7	2.3	2.2	2.0	1.6	2.3
65°	2.9	2.7	2.5	2.2	1.9	1.8	2.4	3.1	2.9	2.5	2.3
62.5°	4.4	4.4	4.1	3.7	3.3	2.8	2.6	3.5	3.8	3.4	2.8
60°	5.7	6.0	5.7	5.2	4.7	4.2	3.8	3.9	4.4	4.3	3.6
57.5°	7.9	7.7	7.6	6.9	6.1	5.4	5.1	4.9	5.1	5.0	4.4
55°	13.9	9.7	9.7	9.0	7.8	6.7	6.4	6.2	5.9	5.8	5.2
52.5°	35.3	19.5	12.5	11.6	10.1	8.3	7.7	7.4	7.0	6.6	5.9
50°	65.1	42.1	23.8	15.0	12.8	10.9	9.0	8.6	8.0	7.5	6.6
47.5°	104.1	72.4	47.1	23.6	16.5	13.6	11.3	9.7	9.1	8.4	7.3
45°	160.4	106.7	74.0	46.7	21.9	18.8	14.0	10.9	10.2	9.3	8.0
42.5°	223.2	156.6	103.8	70.6	41.9	26.0	16.7	13.3	11.2	10.3	8.7
40°	284.8	216.4	139.5	97.4	63.2	34.8	24.1	15.8	12.3	11.3	9.6
37.5°	353.0	279.7	195.4	125.9	85.0	53.1	32.9	18.4	14.0	12.3	10.5
35°	437.3	349.9	251.3	167.8	112.5	70.1	42.8	23.5	17.2	13.5	11.4
32.5°	521.4	420.0	311.8	216.4	141.4	85.8	55.7	33.5	20.9	14.6	12.4
30°	606.1	484.2	368.7	261.5	174.5	110.9	69.6	43.2	25.2	15.9	13.3
27.5°	682.4	544.8	422.0	308.5	213.4	137.5	84.1	52.6	30.0	18.0	14.3
25°	768.5	610.3	474.4	353.5	248.9	165.2	99.0	61.9	36.9	21.6	15.3
22.5°	879.3	677.5	523.0	394.3	284.1	191.7	118.2	74.1	44.5	25.5	16.3
20°	989.5	743.3	570.6	445.4	322.4	221.5	140.4	86.3	51.8	29.5	17.3
17.5°	1097.6	827.5	639.9	497.6	363.4	249.4	161.1	98.2	58.6	33.6	18.3
15°	1194.6	924.0	708.0	546.9	403.5	275.2	180.2	109.8	65.0	37.7	19.6
12.5°	1276.1	1007.2	772.2	593.1	442.2	298.7	197.7	120.9	71.0	42.3	21.4
10°	1343.3	1077.5	831.6	635.8	478.7	319.9	213.5	132.0	77.9	47.1	23.2
7.5°	1397.1	1135.7	885.7	674.6	511.8	339.7	230.5	143.7	84.6	51.7	25.1
5°	1437.5	1181.0	927.5	702.4	538.2	357.9	246.1	154.5	90.8	56.0	26.9
2.5°	1463.8	1214.4	958.6	724.2	559.6	373.3	259.8	164.1	96.4	59.9	28.7
0°	1479.3	1238.2	982.0	740.9	576.0	385.7	271.5	172.5	101.5	63.4	30.4
-2.5°	1493.1	1253.8	1002.5	770.1	587.2	406.1	279.0	180.1	109.5	65.9	33.5
-5°	1497.7	1260.7	1015.8	792.6	594.0	422.5	284.2	186.3	116.5	68.0	36.3
-7.5°	1490.0	1256.6	1020.5	805.4	597.2	434.2	287.3	191.1	122.3	69.6	38.8
-10°	1472.8	1243.0	1014.3	801.5	601.5	437.8	289.0	194.7	126.4	70.7	40.9
-12.5°	1447.3	1222.5	1001.0	793.0	600.7	435.5	293.8	197.5	128.6	71.6	42.4
-15°	1414.0	1195.6	980.6	780.4	593.5	430.3	295.0	198.5	128.4	73.0	43.3
-17.5°	1374.8	1163.0	953.3	764.4	579.5	422.4	292.3	197.2	127.1	75.2	44.3
-20°	1335.5	1126.8	920.9	745.5	558.3	412.2	285.5	193.6	124.7	76.6	45.2



REPORT NUMBER: P626960 (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°	1289.4	1085.2	892.9	719.1	535.3	399.8	274.4	187.5	121.4	77.2	45.6
-25°	1236.5	1036.7	859.2	682.8	517.2	385.8	262.9	178.7	117.1	77.0	45.5
-27.5°	1176.7	984.8	819.6	643.1	498.4	366.3	252.0	172.3	113.4	75.9	44.8
-30°	1109.9	936.0	772.1	604.8	475.4	345.2	237.8	165.1	111.8	74.5	43.5
-32.5°	1038.0	881.0	721.2	575.7	449.2	323.3	225.2	156.9	109.0	72.7	43.6
-35°	970.5	821.2	669.2	542.0	421.5	310.4	216.8	147.9	105.0	70.2	43.8
-37.5°	898.2	758.5	628.0	507.0	392.3	295.5	210.0	143.8	99.9	66.9	43.7
-40°	828.7	699.0	580.3	473.5	370.7	278.8	199.3	139.3	95.1	63.0	43.1
-42.5°	758.4	643.0	534.7	437.2	350.3	262.5	185.5	132.4	91.1	60.7	42.1
-45°	693.6	585.3	486.2	405.5	327.7	241.8	175.0	123.7	86.3	59.1	41.2
-47.5°	625.5	526.4	441.9	370.8	298.1	219.2	161.6	116.9	80.4	56.9	40.6
-50°	555.2	470.7	400.4	332.6	261.8	200.4	147.2	108.7	78.3	55.2	39.6
-52.5°	493.7	421.8	358.0	293.3	234.4	178.4	136.3	100.0	75.6	53.8	38.2
-55°	440.7	375.3	316.2	261.2	208.4	162.2	124.0	95.8	72.1	52.1	36.5
-57.5°	393.9	332.1	282.0	232.5	186.6	146.6	115.3	90.9	68.5	49.7	35.0
-60°	348.4	297.7	250.9	206.8	166.3	133.1	108.5	85.2	64.3	46.6	33.2
-62.5°	306.4	261.7	220.9	181.1	148.1	122.2	100.8	78.5	59.2	42.7	31.0
-65°	262.3	224.2	189.7	158.4	131.6	109.3	90.7	71.0	52.6	38.0	28.0
-67.5°	216.4	188.5	161.6	135.5	113.6	94.9	79.2	61.0	44.7	32.6	24.6
-70°	180.3	155.7	132.9	112.4	94.5	79.2	64.8	49.3	36.1	27.9	21.0
-72.5°	143.5	123.4	104.7	88.4	75.7	62.7	49.6	37.7	29.9	23.0	17.1
-75°	106.2	92.6	80.4	69.1	57.7	46.3	37.8	30.0	23.6	17.9	14.5
-77.5°	77.0	67.2	58.3	51.1	43.2	35.7	28.5	22.0	17.8	14.9	12.1
-80°	52.3	47.2	42.2	37.2	30.9	24.9	20.6	16.9	14.4	12.0	9.8
-82.5°	33.0	30.2	27.8	25.2	21.5	18.2	15.3	12.7	10.8	9.0	7.9
-85°	19.6	18.1	16.7	15.2	13.2	11.4	10.5	9.7	8.9	8.0	7.2
-87.5°	11.0	10.9	10.7	10.5	10.0	9.5	9.1	8.7	7.9	7.2	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9

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REPORT NUMBER: P626960 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.1	4.5	3.8	3.1	2.5	2.5	2.5
87.5°	1.9	2.1	2.3	2.4	2.5	2.5	2.5
85°	1.2	1.7	2.1	2.3	2.5	2.5	2.5
82.5°	0.6	1.3	1.9	2.3	2.5	2.5	2.5
80°	0.1	0.9	1.7	2.2	2.5	2.5	2.5
77.5°	0.8	0.8	1.5	2.1	2.5	2.5	2.5
75°	1.4	1.2	1.4	2.1	2.5	2.5	2.5
72.5°	2.0	1.6	1.6	2.0	2.5	2.5	2.5
70°	2.5	2.0	1.8	2.0	2.5	2.5	2.5
67.5°	2.6	2.3	2.0	2.1	2.5	2.5	2.5
65°	2.7	2.6	2.2	2.2	2.5	2.5	2.5
62.5°	2.8	2.8	2.3	2.2	2.5	2.5	2.5
60°	3.0	3.0	2.5	2.3	2.5	2.5	2.5
57.5°	3.6	3.3	2.7	2.4	2.5	2.5	2.5
55°	4.2	3.5	3.0	2.4	2.6	2.5	2.5
52.5°	4.9	3.9	3.3	2.5	2.6	2.5	2.5
50°	5.5	4.4	3.6	2.5	2.7	2.5	2.5
47.5°	6.1	4.9	3.9	2.6	2.7	2.5	2.5
45°	6.7	5.4	4.2	2.8	2.8	2.5	2.5
42.5°	7.3	5.9	4.5	3.0	2.9	2.5	2.5
40°	7.8	6.4	4.9	3.4	3.0	2.5	2.5
37.5°	8.4	6.8	5.2	3.7	3.1	2.5	2.5
35°	8.9	7.3	5.6	4.0	3.2	2.5	2.5
32.5°	9.5	7.7	5.9	4.4	3.3	2.5	2.5
30°	10.2	8.1	6.2	4.7	3.4	2.5	2.5
27.5°	11.0	8.5	6.6	5.0	3.6	2.5	2.5
25°	11.7	8.8	7.0	5.3	3.7	2.5	2.5
22.5°	12.5	9.2	7.4	5.6	3.9	2.5	2.5
20°	13.2	9.7	7.8	5.8	4.0	2.5	2.5
17.5°	14.0	10.1	8.1	6.1	4.1	2.5	2.5
15°	14.7	10.6	8.4	6.4	4.3	2.5	2.5
12.5°	15.3	11.0	8.8	6.6	4.4	2.5	2.5
10°	15.9	11.4	9.1	6.8	4.6	2.5	2.5
7.5°	16.5	11.7	9.4	7.0	4.7	2.5	2.5
5°	17.0	12.1	9.6	7.2	4.9	2.5	2.5
2.5°	17.4	12.4	9.9	7.4	5.0	2.5	2.5
0°	17.8	12.7	10.1	7.6	5.1	2.5	2.5
-2.5°	18.8	13.0	10.3	7.6	5.1	2.5	2.5
-5°	19.7	13.2	10.5	7.6	5.1	2.5	2.5
-7.5°	20.5	13.4	10.7	7.5	5.1	2.5	2.5
-10°	21.1	13.6	10.8	7.5	5.0	2.5	2.5
-12.5°	21.6	13.8	10.9	7.4	5.0	2.5	2.5
-15°	21.9	13.9	10.9	7.3	4.9	2.5	2.5
-17.5°	22.0	14.0	10.9	7.3	4.9	2.5	2.5
-20°	22.6	14.1	10.8	7.1	4.8	2.5	2.5

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CATALOG NUMBER: GFLD-SA2D-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.0	14.2	10.7	7.0	4.7	2.5	2.5
-25°	25.2	15.1	10.5	6.9	4.6	2.5	2.5
-27.5°	26.1	16.3	10.3	6.7	4.5	2.5	2.5
-30°	26.7	17.3	10.0	6.6	4.4	2.5	2.5
-32.5°	27.1	18.1	10.4	6.4	4.3	2.5	2.5
-35°	27.8	18.8	10.7	6.2	4.2	2.5	2.5
-37.5°	28.6	19.2	10.8	6.0	4.0	2.5	2.5
-40°	29.0	19.4	10.9	5.8	3.9	2.5	2.5
-42.5°	29.2	19.4	11.0	5.7	3.7	2.5	2.5
-45°	29.1	19.2	11.0	5.8	3.6	2.5	2.5
-47.5°	28.6	18.9	11.0	5.7	3.4	2.5	2.5
-50°	28.0	18.5	10.8	5.6	3.2	2.5	2.5
-52.5°	27.2	17.9	10.5	5.5	3.1	2.5	2.5
-55°	26.3	17.2	10.0	5.4	2.9	2.5	2.5
-57.5°	25.1	16.3	9.4	5.2	2.7	2.5	2.5
-60°	23.7	15.1	8.8	4.9	2.5	2.5	2.5
-62.5°	21.8	13.9	8.3	4.7	2.5	2.5	2.5
-65°	19.6	12.4	7.8	4.3	2.5	2.5	2.5
-67.5°	17.3	11.2	7.1	4.0	2.5	2.5	2.5
-70°	14.7	10.1	6.5	3.6	2.5	2.5	2.5
-72.5°	13.0	9.0	5.8	3.5	2.5	2.5	2.5
-75°	11.3	7.9	5.0	3.5	2.5	2.5	2.5
-77.5°	9.5	6.6	4.8	3.5	2.5	2.5	2.5
-80°	7.7	6.0	4.6	3.4	2.5	2.5	2.5
-82.5°	7.0	5.6	4.4	3.4	2.5	2.5	2.5
-85°	6.4	5.2	4.2	3.3	2.5	2.5	2.5
-87.5°	5.7	4.9	4.0	3.2	2.5	2.5	2.5
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5

(END OF REPORT)