

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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-722-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

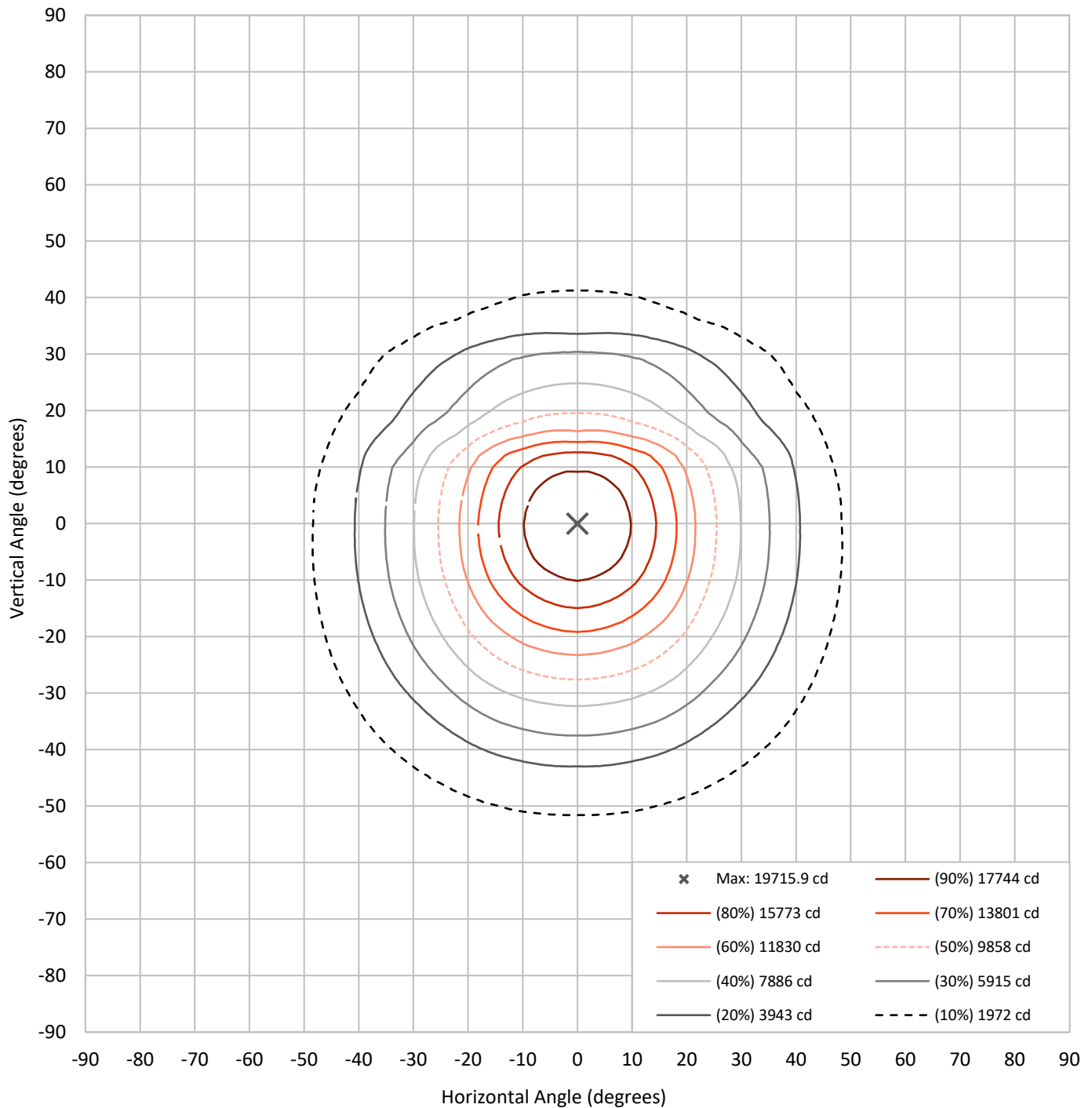
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17393.7 lumens	Max Intensity:	19715.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	8374.3 lumens	Field Lumens:	15573.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	190.6		
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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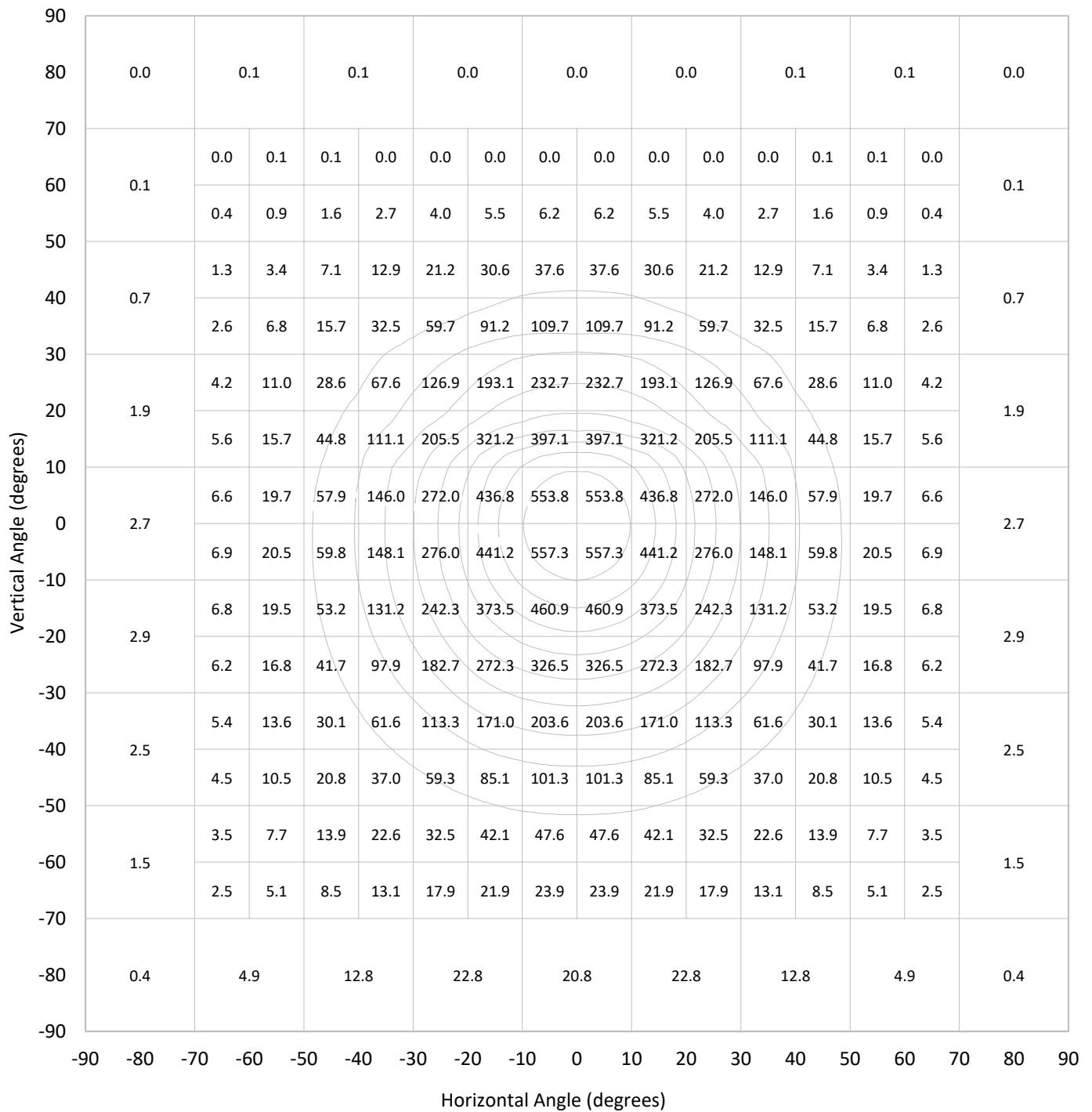
Iso-Candela Plot





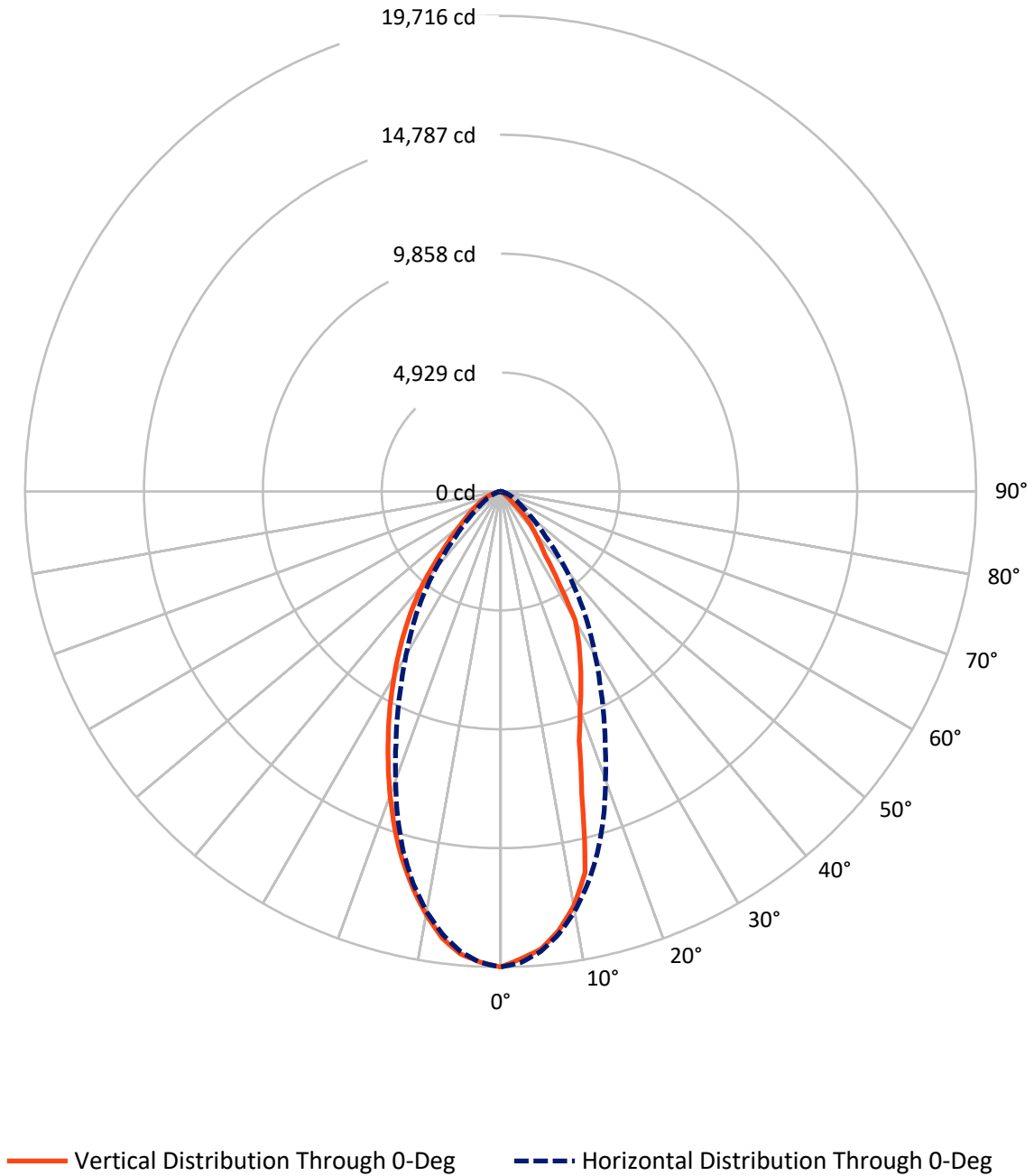
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Lumen Table



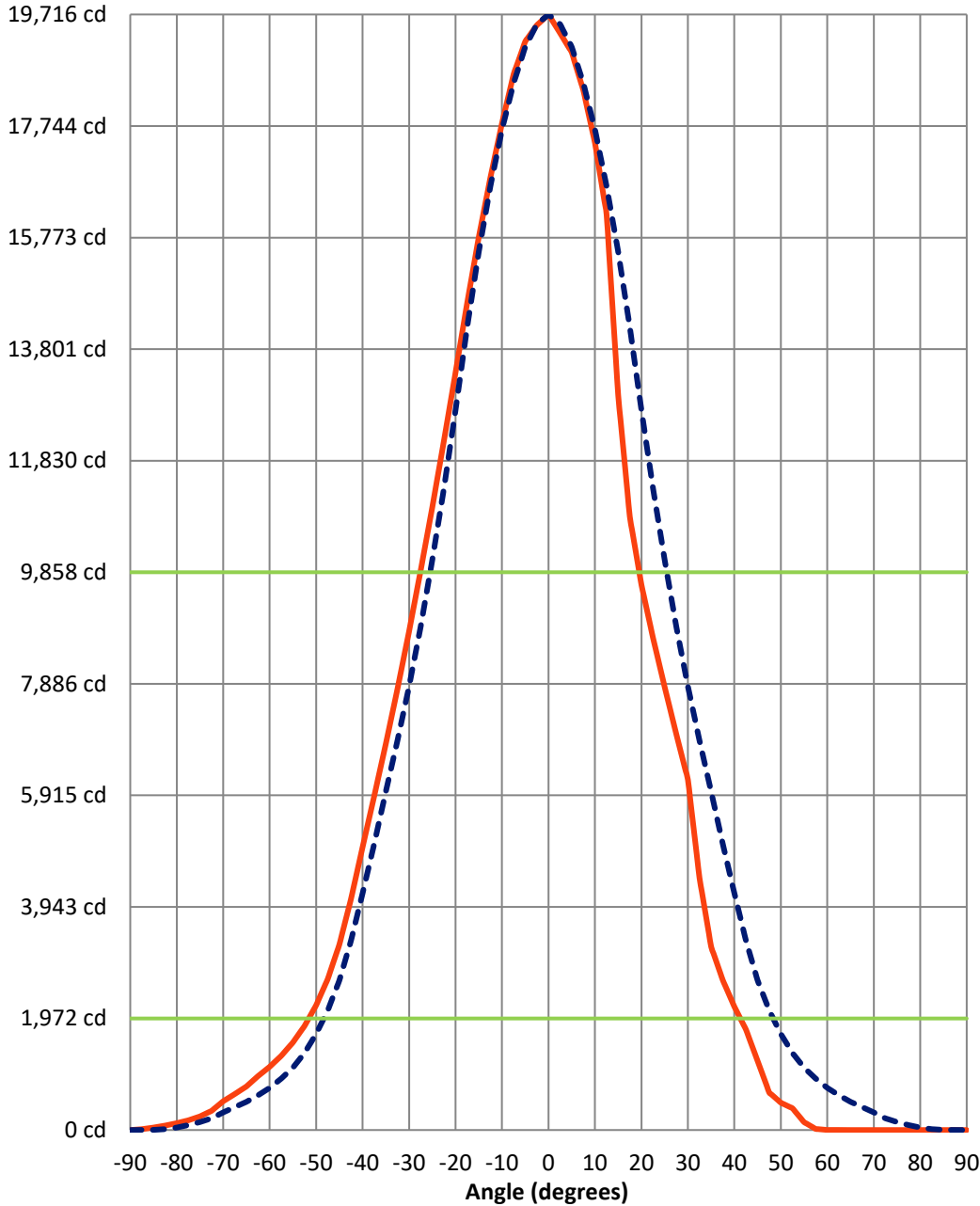
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 8374.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 15573.3
 Efficiency: 89.5%

Spill:
 Lumens: 1820.4
 Efficiency: 10.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.5	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
67.5°	0.0	0.5	1.1	1.4	1.4	1.4	1.5	1.4	1.4	1.8	1.7
65°	0.0	0.6	1.2	1.4	1.4	1.6	1.7	1.4	2.0	2.3	2.7
62.5°	0.0	0.6	1.3	1.4	1.4	1.9	1.9	1.9	2.7	3.8	5.9
60°	0.0	0.7	1.4	1.4	1.4	2.2	2.2	2.7	3.4	9.3	10.1
57.5°	0.0	0.8	1.4	1.4	1.8	2.6	3.8	3.6	9.2	15.7	17.2
55°	0.0	0.8	1.4	1.4	2.2	3.1	5.8	5.3	16.8	23.7	26.7
52.5°	0.0	0.9	1.5	1.4	2.7	3.9	8.1	13.2	25.1	35.1	37.9
50°	0.0	0.9	1.5	1.4	3.1	6.3	10.7	21.9	35.1	47.8	57.8
47.5°	0.0	0.9	1.5	1.5	3.6	8.9	14.3	30.6	48.2	61.8	78.5
45°	0.0	1.0	1.6	1.9	4.1	11.7	22.0	39.5	61.4	80.1	98.9
42.5°	0.0	1.0	1.6	2.3	4.6	14.6	29.5	49.9	74.5	98.1	121.5
40°	0.0	1.1	1.7	2.8	6.1	17.7	37.1	61.2	88.1	115.8	145.2
37.5°	0.0	1.1	1.7	3.4	8.5	21.0	44.6	72.5	102.9	133.9	169.3
35°	0.0	1.1	1.8	4.0	11.0	26.1	52.0	83.5	117.8	155.5	195.6
32.5°	0.0	1.2	1.8	4.7	13.5	31.9	59.9	94.4	132.7	177.8	225.2
30°	0.0	1.2	1.9	5.5	15.9	37.7	68.7	105.5	147.5	200.5	254.9
27.5°	0.0	1.2	2.0	6.3	18.8	43.2	77.2	117.6	163.8	223.5	284.8
25°	0.0	1.3	2.1	7.1	21.6	48.6	85.5	129.5	182.6	248.1	314.7
22.5°	0.0	1.3	2.1	8.0	24.4	53.8	93.4	141.0	201.2	272.9	345.0
20°	0.0	1.3	2.2	8.9	27.1	58.8	100.9	152.1	219.5	297.2	373.9
17.5°	0.0	1.3	2.3	9.8	29.7	63.6	107.8	162.8	237.3	320.8	401.2
15°	0.0	1.4	2.4	10.7	32.1	68.1	114.2	172.3	254.6	343.5	427.0
12.5°	0.0	1.4	2.4	11.6	34.5	72.2	120.1	180.3	268.8	365.2	451.2
10°	0.0	1.4	2.5	12.4	36.7	76.0	125.4	187.4	280.2	378.1	470.2
7.5°	0.0	1.4	2.6	13.3	38.7	79.4	130.1	193.6	290.2	387.9	480.1
5°	0.0	1.4	2.7	14.1	40.6	82.4	134.3	199.0	298.8	395.6	488.1
2.5°	0.0	1.4	2.7	14.8	42.2	85.1	137.9	203.4	305.8	401.5	494.3
0°	0.0	1.4	2.8	15.5	43.7	87.3	140.8	207.0	311.2	405.6	498.5
-2.5°	0.0	1.5	3.2	16.5	45.7	90.1	144.6	213.0	317.3	411.5	505.1
-5°	0.0	1.6	3.7	17.4	47.5	92.4	147.8	218.0	321.8	415.7	509.8
-7.5°	0.0	1.7	4.1	18.2	49.0	94.2	150.3	221.9	324.6	418.3	512.6
-10°	0.0	1.7	4.5	18.9	50.2	95.7	152.1	224.7	325.8	419.3	513.4
-12.5°	0.0	1.8	4.8	19.5	51.1	96.6	153.2	226.3	325.4	418.7	511.1
-15°	0.0	1.9	5.2	20.0	51.7	97.0	153.5	226.6	323.1	415.0	506.1
-17.5°	0.0	1.9	5.5	20.4	52.0	97.0	153.1	226.2	318.9	410.1	499.2
-20°	0.0	2.0	5.8	20.7	51.9	96.4	152.6	225.1	313.7	403.9	490.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	6.0	20.8	51.5	95.4	152.7	223.1	307.5	396.6	479.8
-25°	0.0	2.1	6.3	20.8	50.7	95.0	152.1	220.1	300.5	388.1	467.3
-27.5°	0.0	2.1	6.5	20.6	49.5	94.6	150.6	216.2	292.6	378.4	455.8
-30°	0.0	2.1	6.6	20.3	48.1	93.6	148.4	211.4	285.7	367.4	443.4
-32.5°	0.0	2.1	6.7	19.9	47.5	92.0	145.4	207.4	278.9	355.9	430.1
-35°	0.0	2.1	6.8	19.3	46.5	89.8	142.6	203.1	271.2	344.0	416.0
-37.5°	0.0	2.1	6.8	18.6	45.1	87.4	139.3	197.9	262.6	331.9	399.4
-40°	0.0	2.1	6.8	17.7	43.3	85.3	135.3	191.8	253.1	320.5	381.7
-42.5°	0.0	2.1	6.7	16.9	42.0	82.6	130.5	184.8	244.3	305.8	362.8
-45°	0.0	2.0	6.6	16.3	41.2	79.4	125.0	177.5	235.2	290.0	343.2
-47.5°	0.0	2.0	6.5	15.4	40.0	75.6	118.7	170.0	225.1	273.6	325.0
-50°	0.0	1.9	6.3	15.1	38.3	71.3	113.1	161.6	211.9	258.7	306.3
-52.5°	0.0	1.9	6.0	14.9	36.2	66.5	107.2	152.4	198.7	243.1	287.2
-55°	0.0	1.8	5.7	14.5	33.7	62.6	100.6	142.4	185.2	226.9	269.3
-57.5°	0.0	1.7	5.4	13.9	30.8	58.4	93.3	133.6	170.9	210.6	250.8
-60°	0.0	1.6	5.0	13.1	27.6	53.5	85.6	123.0	156.2	193.7	231.6
-62.5°	0.0	1.5	4.7	12.2	25.7	48.2	78.1	111.1	141.7	176.0	211.9
-65°	0.0	1.4	4.4	11.1	23.5	42.3	69.8	98.8	126.3	157.5	191.4
-67.5°	0.0	1.3	4.0	9.9	21.0	37.0	60.9	86.3	110.0	137.8	168.6
-70°	0.0	1.2	3.7	8.5	18.3	32.4	51.3	73.4	94.6	117.2	144.2
-72.5°	0.0	1.0	3.2	7.5	15.3	27.5	43.6	60.1	78.8	98.6	119.6
-75°	0.0	0.9	2.8	6.5	12.1	22.3	35.8	48.9	62.5	79.6	97.6
-77.5°	0.0	0.7	2.4	5.5	10.0	16.8	27.6	38.5	49.6	61.4	75.1
-80°	0.0	0.6	1.9	4.5	8.1	12.8	19.1	27.8	36.9	46.5	56.5
-82.5°	0.0	0.5	1.5	3.4	6.2	9.7	14.1	18.6	24.0	31.4	39.2
-85°	0.0	0.3	1.0	2.3	4.1	6.5	9.4	12.4	15.8	19.6	23.7
-87.5°	0.0	0.2	0.5	1.1	2.1	3.3	4.7	6.2	7.9	9.8	11.9
-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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.1	0.7
65°	1.4	1.4	1.9	2.1	1.5	1.4	1.4	1.4	1.5	1.3	1.3
62.5°	2.0	2.5	3.1	4.9	3.6	1.4	2.8	3.2	2.2	1.7	1.9
60°	6.1	4.2	10.8	15.0	9.8	5.2	6.4	12.8	10.5	2.8	7.4
57.5°	12.4	15.3	27.3	28.6	22.0	14.9	32.6	36.1	29.9	18.8	27.1
55°	25.9	36.4	46.0	45.5	45.8	57.5	67.6	66.3	58.5	80.7	101.6
52.5°	49.0	59.9	66.4	72.3	88.7	99.6	102.7	108.9	131.9	159.4	164.4
50°	72.0	83.2	91.7	113.0	129.9	138.5	146.5	167.6	202.3	221.1	224.2
47.5°	95.2	107.8	129.9	153.3	169.6	182.6	196.6	244.3	283.0	299.1	304.9
45°	119.4	141.1	168.8	192.8	211.7	229.4	274.6	339.8	367.1	391.7	454.3
42.5°	144.6	177.3	208.4	233.6	254.8	291.8	354.8	418.0	457.0	509.4	585.0
40°	176.6	213.3	249.3	275.0	301.5	357.5	435.5	502.4	543.7	614.0	700.1
37.5°	209.2	252.0	291.0	318.0	355.3	431.1	522.8	602.9	654.1	711.2	849.7
35°	241.4	291.6	331.5	367.8	413.8	518.3	631.3	720.5	783.8	881.7	1056.9
32.5°	275.7	331.8	372.7	422.0	497.8	614.6	753.4	852.4	957.3	1098.2	1378.9
30°	312.3	369.5	416.5	475.8	577.4	713.7	874.8	999.1	1141.7	1370.4	1673.0
27.5°	348.7	407.0	464.9	540.4	652.0	799.2	967.4	1163.5	1347.7	1603.5	1934.2
25°	383.7	445.3	512.4	603.6	724.3	878.4	1062.1	1288.3	1528.6	1821.2	2209.6
22.5°	417.1	484.2	562.7	660.7	785.3	953.6	1172.6	1438.3	1727.1	2030.2	2476.5
20°	449.9	527.6	617.7	727.4	841.5	1022.9	1280.8	1602.5	1964.4	2379.6	2817.0
17.5°	482.3	570.5	674.4	796.4	934.6	1120.4	1391.7	1774.6	2215.1	2755.5	3294.0
15°	514.0	612.5	729.4	864.6	1028.6	1250.6	1558.7	1979.6	2511.8	3159.0	3796.8
12.5°	544.8	653.2	782.1	931.2	1119.8	1373.2	1716.2	2170.3	2780.0	3553.2	4336.8
10°	574.3	692.4	832.1	995.5	1207.1	1487.2	1855.4	2335.2	2982.4	3779.2	4650.7
7.5°	589.3	718.8	874.8	1056.6	1289.4	1592.0	1976.5	2474.5	3140.5	3961.0	4834.8
5°	600.0	731.0	890.9	1081.0	1334.7	1663.2	2069.1	2588.5	3257.1	4097.7	4959.5
2.5°	608.3	739.7	902.5	1094.8	1352.6	1686.9	2099.7	2628.2	3319.5	4169.1	5032.1
0°	614.0	745.0	909.7	1102.7	1361.8	1698.4	2113.8	2644.8	3346.1	4185.4	5058.5
-2.5°	620.0	752.3	917.3	1114.9	1374.7	1714.0	2129.4	2656.5	3366.0	4190.0	5072.8
-5°	623.5	756.2	920.3	1120.8	1378.9	1717.0	2128.2	2645.3	3350.1	4157.1	5041.8
-7.5°	624.5	756.6	918.6	1119.7	1373.6	1703.6	2105.8	2612.3	3295.5	4090.6	4965.7
-10°	623.0	753.3	912.6	1109.5	1358.1	1676.0	2065.5	2555.1	3205.7	3980.7	4837.1
-12.5°	618.4	746.3	901.7	1092.9	1333.2	1636.7	2008.9	2473.5	3081.1	3828.0	4655.7
-15°	611.1	735.8	886.1	1070.0	1298.8	1586.1	1936.0	2367.7	2920.5	3633.8	4429.9
-17.5°	601.0	721.8	865.5	1040.7	1254.9	1524.6	1848.0	2243.7	2747.4	3417.1	4178.8
-20°	588.2	704.5	840.1	1005.2	1204.3	1459.8	1766.3	2134.0	2585.5	3169.0	3882.6

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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°	572.6	683.8	813.2	971.1	1159.4	1392.6	1674.9	2009.6	2403.7	2882.2	3559.2
-25°	556.6	664.0	787.1	933.2	1108.2	1316.4	1570.4	1875.3	2232.3	2670.1	3229.9
-27.5°	540.7	641.3	756.9	889.5	1050.7	1237.8	1472.1	1750.1	2068.2	2440.5	2896.4
-30°	522.9	615.8	723.6	843.7	995.7	1169.3	1371.9	1610.0	1892.9	2229.4	2625.6
-32.5°	503.4	588.5	691.3	804.1	936.7	1094.7	1269.9	1485.3	1731.4	2009.0	2351.5
-35°	484.0	565.2	658.3	761.4	873.3	1021.3	1182.3	1361.0	1570.4	1816.2	2090.0
-37.5°	465.5	539.8	622.8	719.0	824.0	946.9	1089.1	1250.4	1430.6	1626.2	1862.8
-40°	444.7	512.4	590.9	678.0	770.9	877.4	1005.6	1142.6	1297.7	1469.8	1652.6
-42.5°	422.1	487.2	558.8	633.9	719.1	814.3	920.6	1045.9	1174.7	1318.9	1478.4
-45°	400.0	459.8	525.3	593.8	665.5	749.7	846.2	950.4	1064.7	1182.3	1316.3
-47.5°	376.8	431.3	492.3	552.0	615.6	687.3	769.3	863.8	959.1	1063.9	1167.7
-50°	353.5	404.7	455.9	511.7	568.6	628.3	697.5	779.1	865.9	952.8	1044.2
-52.5°	332.6	376.9	423.2	471.1	522.9	576.0	633.7	701.0	776.8	853.4	932.2
-55°	311.3	352.1	390.4	433.2	478.1	525.9	577.3	633.9	691.1	760.9	828.7
-57.5°	290.4	326.6	360.0	396.5	436.3	477.0	523.3	571.4	623.4	676.0	731.6
-60°	269.5	300.3	330.5	362.1	395.6	431.7	469.0	511.3	555.8	601.6	649.7
-62.5°	248.0	272.9	299.5	328.4	357.9	385.7	417.0	451.5	488.3	527.6	568.3
-65°	223.8	244.5	266.7	291.8	319.5	341.9	365.9	391.8	422.2	454.6	486.6
-67.5°	197.9	216.3	234.4	253.1	275.5	295.6	315.3	336.0	358.6	385.1	410.8
-70°	169.2	187.5	203.5	219.0	233.2	247.5	264.3	280.6	298.9	322.6	345.9
-72.5°	140.0	157.1	172.3	185.4	195.5	204.0	214.3	226.2	243.7	265.7	286.3
-75°	113.2	127.1	141.2	153.9	160.3	162.9	165.0	171.3	189.0	211.7	231.6
-77.5°	88.2	100.2	111.8	122.8	127.3	129.1	130.0	130.0	143.1	162.3	182.6
-80°	65.0	73.3	83.1	92.6	95.3	96.2	96.3	95.7	106.4	120.2	135.1
-82.5°	45.1	51.2	57.4	63.8	64.7	64.2	63.3	62.3	71.0	81.0	91.3
-85°	26.3	28.9	32.7	36.6	37.0	36.8	36.1	35.0	39.8	45.2	51.0
-87.5°	13.2	14.4	15.7	17.0	16.5	15.9	15.0	13.9	15.3	16.7	18.1
-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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-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°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.4	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.4	1.4	1.0	0.7	0.3	0.3	0.3	0.3	0.1	0.0	0.0
62.5°	1.8	1.8	1.2	1.2	1.3	1.4	1.1	1.0	0.9	1.0	1.1
60°	7.9	4.5	4.6	5.9	5.0	2.3	4.6	5.8	5.4	4.1	3.6
57.5°	40.4	33.9	23.7	39.6	40.8	28.4	30.8	40.3	39.0	30.2	30.1
55°	101.8	103.3	110.9	121.0	128.4	131.8	134.8	150.0	166.2	182.0	189.9
52.5°	168.2	187.9	212.4	228.6	239.9	263.1	295.6	310.5	325.0	341.4	353.3
50°	247.8	282.0	306.5	310.1	348.7	373.8	379.7	407.6	438.1	457.0	470.7
47.5°	368.6	411.9	433.3	447.0	493.9	545.4	545.4	561.5	637.8	677.7	696.9
45°	530.9	567.0	604.9	703.2	793.7	822.4	883.8	967.0	1021.1	1095.5	1177.4
42.5°	669.2	736.9	831.7	940.0	1030.7	1106.2	1197.5	1297.5	1417.7	1530.7	1628.1
40°	805.9	889.7	1007.2	1125.1	1239.3	1343.9	1491.0	1619.6	1761.3	1916.8	2046.3
37.5°	984.4	1091.7	1213.1	1361.7	1539.5	1655.6	1857.9	2042.8	2202.5	2390.2	2505.8
35°	1258.5	1398.4	1505.9	1806.3	2022.5	2158.2	2397.8	2701.6	2818.3	3054.6	3166.8
32.5°	1603.2	1789.0	2071.9	2469.7	2758.4	3008.4	3366.5	3674.8	3937.5	4174.9	4421.9
30°	1990.4	2277.2	2694.2	3222.8	3516.1	3866.2	4350.5	4716.0	5128.0	5580.3	5738.7
27.5°	2341.8	2771.5	3255.6	3683.8	4105.0	4541.1	5016.9	5486.5	5932.4	6308.7	6561.3
25°	2667.6	3187.9	3658.4	4115.9	4572.3	5063.5	5601.7	6134.2	6624.9	7012.2	7306.6
22.5°	3003.5	3553.2	4056.6	4520.8	5051.7	5608.3	6180.6	6791.4	7349.9	7751.7	8072.5
20°	3319.4	3930.8	4504.9	5033.5	5535.3	6177.8	6836.9	7484.8	8093.0	8571.6	8941.4
17.5°	3820.8	4351.5	5053.3	5739.9	6305.2	6895.5	7776.1	8444.8	9119.7	9692.9	10085.0
15°	4436.5	5020.1	5744.8	6687.8	7462.4	8138.6	9048.3	10136.2	10932.3	11664.0	12165.9
12.5°	5052.8	5712.8	6496.6	7557.9	8660.7	9457.3	10561.0	11939.5	12866.7	13999.6	14558.0
10°	5525.1	6353.9	7161.1	8129.6	9188.7	10323.0	11512.9	12802.5	14041.5	15014.2	15883.7
7.5°	5715.2	6598.1	7532.5	8520.6	9579.7	10750.4	12018.5	13360.4	14635.6	15722.0	16677.7
5°	5857.4	6762.0	7702.5	8712.9	9845.0	11067.6	12354.6	13763.5	15065.7	16230.2	17207.9
2.5°	5947.7	6860.8	7797.3	8824.5	10015.2	11274.1	12602.5	14048.7	15370.5	16569.2	17543.8
0°	5982.4	6882.3	7841.3	8898.9	10077.7	11339.5	12725.2	14188.4	15520.7	16679.7	17682.4
-2.5°	5987.0	6862.3	7844.2	8896.6	10024.5	11298.1	12700.6	14151.6	15456.7	16611.1	17622.8
-5°	5940.1	6815.0	7797.7	8834.2	9963.6	11227.7	12569.9	13972.1	15216.9	16340.3	17314.3
-7.5°	5844.8	6717.3	7678.3	8691.1	9790.0	11016.1	12305.3	13608.9	14830.0	15907.5	16837.1
-10°	5703.5	6557.6	7485.3	8472.1	9511.9	10678.2	11907.5	13153.0	14298.2	15294.6	16154.1
-12.5°	5512.1	6346.4	7232.4	8174.4	9142.3	10254.2	11414.9	12584.6	13628.4	14538.0	15309.3
-15°	5263.4	6078.3	6936.2	7827.1	8765.8	9771.3	10812.9	11885.8	12848.4	13655.1	14359.7
-17.5°	4970.6	5760.9	6575.6	7401.5	8292.1	9235.5	10202.5	11165.5	11986.5	12703.2	13347.5
-20°	4644.1	5405.6	6179.4	6949.3	7757.4	8629.9	9523.0	10368.9	11086.3	11737.5	12327.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4278.0	5006.9	5748.6	6469.1	7197.8	7987.8	8785.4	9550.4	10221.5	10778.5	11290.9
-25°	3886.1	4559.6	5260.0	5935.6	6606.2	7314.2	8038.6	8742.5	9333.1	9816.8	10240.1
-27.5°	3491.2	4106.7	4723.8	5359.8	5979.6	6633.0	7288.8	7896.8	8427.0	8872.4	9228.1
-30°	3076.2	3626.4	4189.9	4765.4	5357.3	5955.1	6547.8	7080.0	7542.9	7934.6	8242.1
-32.5°	2731.2	3149.2	3646.7	4169.1	4724.0	5268.7	5784.2	6269.4	6705.6	7047.5	7308.3
-35°	2400.6	2754.6	3127.2	3589.6	4066.3	4567.5	5041.7	5474.8	5863.6	6162.4	6407.7
-37.5°	2116.4	2396.4	2711.5	3041.6	3441.2	3855.6	4283.6	4690.8	5037.6	5298.2	5517.3
-40°	1870.4	2091.4	2343.2	2604.9	2899.0	3196.6	3569.3	3913.0	4196.0	4439.7	4638.1
-42.5°	1648.0	1834.5	2020.4	2235.1	2457.0	2696.3	2957.8	3212.0	3429.2	3633.2	3801.7
-45°	1456.0	1605.0	1753.2	1919.0	2081.9	2276.5	2463.4	2630.1	2806.0	2958.7	3078.9
-47.5°	1288.1	1404.3	1531.4	1655.5	1786.3	1932.8	2071.9	2198.7	2327.6	2439.3	2528.8
-50°	1138.9	1235.2	1339.0	1436.5	1542.3	1649.5	1752.3	1853.2	1951.1	2036.1	2102.2
-52.5°	1008.4	1092.5	1173.3	1250.9	1335.1	1414.4	1488.9	1572.1	1648.7	1715.7	1760.9
-55°	897.2	965.9	1032.1	1096.9	1160.5	1220.7	1280.0	1344.7	1403.8	1457.0	1490.7
-57.5°	792.7	851.2	907.3	960.2	1010.7	1058.5	1108.5	1158.2	1203.8	1243.9	1270.0
-60°	697.7	745.5	794.0	837.2	878.0	916.2	958.2	998.0	1034.8	1065.7	1083.7
-62.5°	610.7	653.5	689.3	723.5	758.2	792.6	822.5	851.9	880.2	904.1	919.9
-65°	519.7	556.0	586.5	614.0	638.8	665.5	691.0	714.0	734.4	750.0	760.0
-67.5°	438.3	465.0	489.5	511.3	533.5	554.8	574.4	591.9	607.3	618.1	625.3
-70°	367.6	388.0	408.0	427.8	447.5	464.2	478.4	491.5	503.3	508.3	510.4
-72.5°	305.5	323.5	341.1	358.6	375.0	388.0	398.5	408.1	416.7	409.3	396.3
-75°	249.1	265.1	281.5	296.9	311.4	321.4	329.1	336.2	342.7	326.6	304.5
-77.5°	203.0	217.0	229.2	241.2	253.1	259.5	264.4	269.2	273.9	255.9	233.2
-80°	150.6	161.9	172.2	182.4	192.3	196.1	198.2	199.7	200.5	185.2	167.4
-82.5°	101.7	107.6	113.3	119.2	125.2	128.4	130.8	132.6	133.9	123.0	110.7
-85°	57.0	58.7	60.1	61.3	62.3	64.3	66.2	67.9	69.5	64.4	58.7
-87.5°	19.6	19.6	19.5	19.3	19.1	19.2	19.2	19.1	19.0	18.2	17.3
-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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	0.9	1.0
60°	2.8	1.7	1.4	1.4	1.4	1.7	2.8	3.6	4.1	5.4	5.8
57.5°	28.0	24.4	21.9	19.7	21.9	24.4	28.0	30.1	30.2	39.0	40.3
55°	186.5	173.7	157.9	139.4	157.9	173.7	186.5	189.9	182.0	166.2	150.0
52.5°	365.9	378.0	385.1	384.5	385.1	378.0	365.9	353.3	341.4	325.0	310.5
50°	481.6	488.2	488.5	483.0	488.5	488.2	481.6	470.7	457.0	438.1	407.6
47.5°	705.6	696.3	680.4	663.3	680.4	696.3	705.6	696.9	677.7	637.8	561.5
45°	1231.2	1260.9	1259.0	1221.0	1259.0	1260.9	1231.2	1177.4	1095.5	1021.1	967.0
42.5°	1682.6	1727.0	1758.5	1774.4	1758.5	1727.0	1682.6	1628.1	1530.7	1417.7	1297.5
40°	2119.3	2162.2	2181.1	2180.0	2181.1	2162.2	2119.3	2046.3	1916.8	1761.3	1619.6
37.5°	2580.8	2636.3	2663.2	2650.4	2663.2	2636.3	2580.8	2505.8	2390.2	2202.5	2042.8
35°	3215.3	3267.3	3268.3	3241.9	3268.3	3267.3	3215.3	3166.8	3054.6	2818.3	2701.6
32.5°	4617.9	4635.4	4501.8	4454.4	4501.8	4635.4	4617.9	4421.9	4174.9	3937.5	3674.8
30°	5896.4	6019.7	6134.3	6192.2	6134.3	6019.7	5896.4	5738.7	5580.3	5128.0	4716.0
27.5°	6751.7	6900.0	6991.9	6997.7	6991.9	6900.0	6751.7	6561.3	6308.7	5932.4	5486.5
25°	7529.7	7695.5	7795.7	7830.0	7795.7	7695.5	7529.7	7306.6	7012.2	6624.9	6134.2
22.5°	8344.7	8540.2	8669.6	8696.1	8669.6	8540.2	8344.7	8072.5	7751.7	7349.9	6791.4
20°	9290.3	9517.8	9641.9	9636.9	9641.9	9517.8	9290.3	8941.4	8571.6	8093.0	7484.8
17.5°	10535.3	10779.2	10886.4	10839.5	10886.4	10779.2	10535.3	10085.0	9692.9	9119.7	8444.8
15°	12681.2	13191.5	13189.5	12985.8	13189.5	13191.5	12681.2	12165.9	11664.0	10932.3	10136.2
12.5°	15328.1	15708.5	16098.7	16182.6	16098.7	15708.5	15328.1	14558.0	13999.6	12866.7	11939.5
10°	16616.1	17121.2	17454.5	17445.8	17454.5	17121.2	16616.1	15883.7	15014.2	14041.5	12802.5
7.5°	17422.0	17980.0	18383.9	18375.2	18383.9	17980.0	17422.0	16677.7	15722.0	14635.6	13360.4
5°	18043.8	18662.7	19020.5	19047.0	19020.5	18662.7	18043.8	17207.9	16230.2	15065.7	13763.5
2.5°	18366.9	19012.8	19443.0	19386.4	19443.0	19012.8	18366.9	17543.8	16569.2	15370.5	14048.7
0°	18502.0	19141.4	19542.7	19715.9	19542.7	19141.4	18502.0	17682.4	16679.7	15520.7	14188.4
-2.5°	18443.0	19065.1	19508.7	19525.8	19508.7	19065.1	18443.0	17622.8	16611.1	15456.7	14151.6
-5°	18127.0	18783.5	19080.6	19238.5	19080.6	18783.5	18127.0	17314.3	16340.3	15216.9	13972.1
-7.5°	17617.4	18109.4	18486.9	18661.1	18486.9	18109.4	17617.4	16837.1	15907.5	14830.0	13608.9
-10°	16824.3	17333.6	17652.6	17796.4	17652.6	17333.6	16824.3	16154.1	15294.6	14298.2	13153.0
-12.5°	15945.6	16408.5	16711.8	16833.2	16711.8	16408.5	15945.6	15309.3	14538.0	13628.4	12584.6
-15°	14965.3	15385.6	15664.8	15781.2	15664.8	15385.6	14965.3	14359.7	13655.1	12848.4	11885.8
-17.5°	13886.2	14254.6	14532.7	14616.5	14532.7	14254.6	13886.2	13347.5	12703.2	11986.5	11165.5
-20°	12776.6	13109.6	13338.7	13388.5	13338.7	13109.6	12776.6	12327.0	11737.5	11086.3	10368.9



REPORT NUMBER: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11658.6	11932.9	12118.9	12181.6	12118.9	11932.9	11658.6	11290.9	10778.5	10221.5	9550.4
-25°	10566.0	10802.7	10952.5	11008.5	10952.5	10802.7	10566.0	10240.1	9816.8	9333.1	8742.5
-27.5°	9515.1	9735.8	9873.3	9891.8	9873.3	9735.8	9515.1	9228.1	8872.4	8427.0	7896.8
-30°	8481.1	8663.4	8769.5	8814.4	8769.5	8663.4	8481.1	8242.1	7934.6	7542.9	7080.0
-32.5°	7514.9	7674.1	7769.4	7794.8	7769.4	7674.1	7514.9	7308.3	7047.5	6705.6	6269.4
-35°	6602.7	6749.7	6834.2	6827.3	6834.2	6749.7	6602.7	6407.7	6162.4	5863.6	5474.8
-37.5°	5698.4	5834.1	5910.7	5903.5	5910.7	5834.1	5698.4	5517.3	5298.2	5037.6	4690.8
-40°	4801.3	4918.4	4985.9	5002.2	4985.9	4918.4	4801.3	4638.1	4439.7	4196.0	3913.0
-42.5°	3941.9	4049.9	4103.9	4082.6	4103.9	4049.9	3941.9	3801.7	3633.2	3429.2	3212.0
-45°	3162.9	3218.8	3255.6	3278.5	3255.6	3218.8	3162.9	3078.9	2958.7	2806.0	2630.1
-47.5°	2594.4	2640.7	2665.7	2670.1	2665.7	2640.7	2594.4	2528.8	2439.3	2327.6	2198.7
-50°	2153.6	2193.0	2210.4	2205.4	2210.4	2193.0	2153.6	2102.2	2036.1	1951.1	1853.2
-52.5°	1793.5	1816.3	1831.7	1839.2	1831.7	1816.3	1793.5	1760.9	1715.7	1648.7	1572.1
-55°	1516.0	1533.8	1544.2	1547.7	1544.2	1533.8	1516.0	1490.7	1457.0	1403.8	1344.7
-57.5°	1291.7	1308.6	1314.7	1312.5	1314.7	1308.6	1291.7	1270.0	1243.9	1203.8	1158.2
-60°	1097.6	1107.2	1114.5	1118.2	1114.5	1107.2	1097.6	1083.7	1065.7	1034.8	998.0
-62.5°	932.4	941.5	949.0	953.4	949.0	941.5	932.4	919.9	904.1	880.2	851.9
-65°	766.9	771.0	772.1	770.3	772.1	771.0	766.9	760.0	750.0	734.4	714.0
-67.5°	630.6	634.0	636.2	636.5	636.2	634.0	630.6	625.3	618.1	607.3	591.9
-70°	512.6	514.0	512.4	508.4	512.4	514.0	512.6	510.4	508.3	503.3	491.5
-72.5°	383.0	368.9	354.9	339.4	354.9	368.9	383.0	396.3	409.3	416.7	408.1
-75°	281.5	257.7	249.1	240.8	249.1	257.7	281.5	304.5	326.6	342.7	336.2
-77.5°	209.4	184.7	178.0	171.8	178.0	184.7	209.4	233.2	255.9	273.9	269.2
-80°	148.8	129.5	125.2	121.1	125.2	129.5	148.8	167.4	185.2	200.5	199.7
-82.5°	97.8	84.3	81.6	78.9	81.6	84.3	97.8	110.7	123.0	133.9	132.6
-85°	52.6	46.3	45.0	43.7	45.0	46.3	52.6	58.7	64.4	69.5	67.9
-87.5°	16.4	15.4	15.5	15.5	15.5	15.4	16.4	17.3	18.2	19.0	19.1
-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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-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°	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.0	1.0
85°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
82.5°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
80°	0.0	0.0	0.0	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.0	0.1	0.5	0.8	1.2	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4
67.5°	0.0	0.0	0.2	0.6	0.7	0.7	0.6	0.7	1.1	1.4	1.4
65°	0.3	0.3	0.3	0.7	1.0	1.4	1.4	1.3	1.3	1.5	1.4
62.5°	1.1	1.4	1.3	1.2	1.2	1.8	1.8	1.9	1.7	2.2	3.2
60°	4.6	2.3	5.0	5.9	4.6	4.5	7.9	7.4	2.8	10.5	12.8
57.5°	30.8	28.4	40.8	39.6	23.7	33.9	40.4	27.1	18.8	29.9	36.1
55°	134.8	131.8	128.4	121.0	110.9	103.3	101.8	101.6	80.7	58.5	66.3
52.5°	295.6	263.1	239.9	228.6	212.4	187.9	168.2	164.4	159.4	131.9	108.9
50°	379.7	373.8	348.7	310.1	306.5	282.0	247.8	224.2	221.1	202.3	167.6
47.5°	545.4	545.4	493.9	447.0	433.3	411.9	368.6	304.9	299.1	283.0	244.3
45°	883.8	822.4	793.7	703.2	604.9	567.0	530.9	454.3	391.7	367.1	339.8
42.5°	1197.5	1106.2	1030.7	940.0	831.7	736.9	669.2	585.0	509.4	457.0	418.0
40°	1491.0	1343.9	1239.3	1125.1	1007.2	889.7	805.9	700.1	614.0	543.7	502.4
37.5°	1857.9	1655.6	1539.5	1361.7	1213.1	1091.7	984.4	849.7	711.2	654.1	602.9
35°	2397.8	2158.2	2022.5	1806.3	1505.9	1398.4	1258.5	1056.9	881.7	783.8	720.5
32.5°	3366.5	3008.4	2758.4	2469.7	2071.9	1789.0	1603.2	1378.9	1098.2	957.3	852.4
30°	4350.5	3866.2	3516.1	3222.8	2694.2	2277.2	1990.4	1673.0	1370.4	1141.7	999.1
27.5°	5016.9	4541.1	4105.0	3683.8	3255.6	2771.5	2341.8	1934.2	1603.5	1347.7	1163.5
25°	5601.7	5063.5	4572.3	4115.9	3658.4	3187.9	2667.6	2209.6	1821.2	1528.6	1288.3
22.5°	6180.6	5608.3	5051.7	4520.8	4056.6	3553.2	3003.5	2476.5	2030.2	1727.1	1438.3
20°	6836.9	6177.8	5535.3	5033.5	4504.9	3930.8	3319.4	2817.0	2379.6	1964.4	1602.5
17.5°	7776.1	6895.5	6305.2	5739.9	5053.3	4351.5	3820.8	3294.0	2755.5	2215.1	1774.6
15°	9048.3	8138.6	7462.4	6687.8	5744.8	5020.1	4436.5	3796.8	3159.0	2511.8	1979.6
12.5°	10561.0	9457.3	8660.7	7557.9	6496.6	5712.8	5052.8	4336.8	3553.2	2780.0	2170.3
10°	11512.9	10323.0	9188.7	8129.6	7161.1	6353.9	5525.1	4650.7	3779.2	2982.4	2335.2
7.5°	12018.5	10750.4	9579.7	8520.6	7532.5	6598.1	5715.2	4834.8	3961.0	3140.5	2474.5
5°	12354.6	11067.6	9845.0	8712.9	7702.5	6762.0	5857.4	4959.5	4097.7	3257.1	2588.5
2.5°	12602.5	11274.1	10015.2	8824.5	7797.3	6860.8	5947.7	5032.1	4169.1	3319.5	2628.2
0°	12725.2	11339.5	10077.7	8898.9	7841.3	6882.3	5982.4	5058.5	4185.4	3346.1	2644.8
-2.5°	12700.6	11298.1	10024.5	8896.6	7844.2	6862.3	5987.0	5072.8	4190.0	3366.0	2656.5
-5°	12569.9	11227.7	9963.6	8834.2	7797.7	6815.0	5940.1	5041.8	4157.1	3350.1	2645.3
-7.5°	12305.3	11016.1	9790.0	8691.1	7678.3	6717.3	5844.8	4965.7	4090.6	3295.5	2612.3
-10°	11907.5	10678.2	9511.9	8472.1	7485.3	6557.6	5703.5	4837.1	3980.7	3205.7	2555.1
-12.5°	11414.9	10254.2	9142.3	8174.4	7232.4	6346.4	5512.1	4655.7	3828.0	3081.1	2473.5
-15°	10812.9	9771.3	8765.8	7827.1	6936.2	6078.3	5263.4	4429.9	3633.8	2920.5	2367.7
-17.5°	10202.5	9235.5	8292.1	7401.5	6575.6	5760.9	4970.6	4178.8	3417.1	2747.4	2243.7
-20°	9523.0	8629.9	7757.4	6949.3	6179.4	5405.6	4644.1	3882.6	3169.0	2585.5	2134.0



REPORT NUMBER: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8785.4	7987.8	7197.8	6469.1	5748.6	5006.9	4278.0	3559.2	2882.2	2403.7	2009.6
-25°	8038.6	7314.2	6606.2	5935.6	5260.0	4559.6	3886.1	3229.9	2670.1	2232.3	1875.3
-27.5°	7288.8	6633.0	5979.6	5359.8	4723.8	4106.7	3491.2	2896.4	2440.5	2068.2	1750.1
-30°	6547.8	5955.1	5357.3	4765.4	4189.9	3626.4	3076.2	2625.6	2229.4	1892.9	1610.0
-32.5°	5784.2	5268.7	4724.0	4169.1	3646.7	3149.2	2731.2	2351.5	2009.0	1731.4	1485.3
-35°	5041.7	4567.5	4066.3	3589.6	3127.2	2754.6	2400.6	2090.0	1816.2	1570.4	1361.0
-37.5°	4283.6	3855.6	3441.2	3041.6	2711.5	2396.4	2116.4	1862.8	1626.2	1430.6	1250.4
-40°	3569.3	3196.6	2899.0	2604.9	2343.2	2091.4	1870.4	1652.6	1469.8	1297.7	1142.6
-42.5°	2957.8	2696.3	2457.0	2235.1	2020.4	1834.5	1648.0	1478.4	1318.9	1174.7	1045.9
-45°	2463.4	2276.5	2081.9	1919.0	1753.2	1605.0	1456.0	1316.3	1182.3	1064.7	950.4
-47.5°	2071.9	1932.8	1786.3	1655.5	1531.4	1404.3	1288.1	1167.7	1063.9	959.1	863.8
-50°	1752.3	1649.5	1542.3	1436.5	1339.0	1235.2	1138.9	1044.2	952.8	865.9	779.1
-52.5°	1488.9	1414.4	1335.1	1250.9	1173.3	1092.5	1008.4	932.2	853.4	776.8	701.0
-55°	1280.0	1220.7	1160.5	1096.9	1032.1	965.9	897.2	828.7	760.9	691.1	633.9
-57.5°	1108.5	1058.5	1010.7	960.2	907.3	851.2	792.7	731.6	676.0	623.4	571.4
-60°	958.2	916.2	878.0	837.2	794.0	745.5	697.7	649.7	601.6	555.8	511.3
-62.5°	822.5	792.6	758.2	723.5	689.3	653.5	610.7	568.3	527.6	488.3	451.5
-65°	691.0	665.5	638.8	614.0	586.5	556.0	519.7	486.6	454.6	422.2	391.8
-67.5°	574.4	554.8	533.5	511.3	489.5	465.0	438.3	410.8	385.1	358.6	336.0
-70°	478.4	464.2	447.5	427.8	408.0	388.0	367.6	345.9	322.6	298.9	280.6
-72.5°	398.5	388.0	375.0	358.6	341.1	323.5	305.5	286.3	265.7	243.7	226.2
-75°	329.1	321.4	311.4	296.9	281.5	265.1	249.1	231.6	211.7	189.0	171.3
-77.5°	264.4	259.5	253.1	241.2	229.2	217.0	203.0	182.6	162.3	143.1	130.0
-80°	198.2	196.1	192.3	182.4	172.2	161.9	150.6	135.1	120.2	106.4	95.7
-82.5°	130.8	128.4	125.2	119.2	113.3	107.6	101.7	91.3	81.0	71.0	62.3
-85°	66.2	64.3	62.3	61.3	60.1	58.7	57.0	51.0	45.2	39.8	35.0
-87.5°	19.2	19.2	19.1	19.3	19.5	19.6	19.6	18.1	16.7	15.3	13.9
-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: P627792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-WR-VSR-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°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.8	1.4	1.4
65°	1.4	1.4	1.5	2.1	1.9	1.4	1.4	2.7	2.3	2.0	1.4
62.5°	2.8	1.4	3.6	4.9	3.1	2.5	2.0	5.9	3.8	2.7	1.9
60°	6.4	5.2	9.8	15.0	10.8	4.2	6.1	10.1	9.3	3.4	2.7
57.5°	32.6	14.9	22.0	28.6	27.3	15.3	12.4	17.2	15.7	9.2	3.6
55°	67.6	57.5	45.8	45.5	46.0	36.4	25.9	26.7	23.7	16.8	5.3
52.5°	102.7	99.6	88.7	72.3	66.4	59.9	49.0	37.9	35.1	25.1	13.2
50°	146.5	138.5	129.9	113.0	91.7	83.2	72.0	57.8	47.8	35.1	21.9
47.5°	196.6	182.6	169.6	153.3	129.9	107.8	95.2	78.5	61.8	48.2	30.6
45°	274.6	229.4	211.7	192.8	168.8	141.1	119.4	98.9	80.1	61.4	39.5
42.5°	354.8	291.8	254.8	233.6	208.4	177.3	144.6	121.5	98.1	74.5	49.9
40°	435.5	357.5	301.5	275.0	249.3	213.3	176.6	145.2	115.8	88.1	61.2
37.5°	522.8	431.1	355.3	318.0	291.0	252.0	209.2	169.3	133.9	102.9	72.5
35°	631.3	518.3	413.8	367.8	331.5	291.6	241.4	195.6	155.5	117.8	83.5
32.5°	753.4	614.6	497.8	422.0	372.7	331.8	275.7	225.2	177.8	132.7	94.4
30°	874.8	713.7	577.4	475.8	416.5	369.5	312.3	254.9	200.5	147.5	105.5
27.5°	967.4	799.2	652.0	540.4	464.9	407.0	348.7	284.8	223.5	163.8	117.6
25°	1062.1	878.4	724.3	603.6	512.4	445.3	383.7	314.7	248.1	182.6	129.5
22.5°	1172.6	953.6	785.3	660.7	562.7	484.2	417.1	345.0	272.9	201.2	141.0
20°	1280.8	1022.9	841.5	727.4	617.7	527.6	449.9	373.9	297.2	219.5	152.1
17.5°	1391.7	1120.4	934.6	796.4	674.4	570.5	482.3	401.2	320.8	237.3	162.8
15°	1558.7	1250.6	1028.6	864.6	729.4	612.5	514.0	427.0	343.5	254.6	172.3
12.5°	1716.2	1373.2	1119.8	931.2	782.1	653.2	544.8	451.2	365.2	268.8	180.3
10°	1855.4	1487.2	1207.1	995.5	832.1	692.4	574.3	470.2	378.1	280.2	187.4
7.5°	1976.5	1592.0	1289.4	1056.6	874.8	718.8	589.3	480.1	387.9	290.2	193.6
5°	2069.1	1663.2	1334.7	1081.0	890.9	731.0	600.0	488.1	395.6	298.8	199.0
2.5°	2099.7	1686.9	1352.6	1094.8	902.5	739.7	608.3	494.3	401.5	305.8	203.4
0°	2113.8	1698.4	1361.8	1102.7	909.7	745.0	614.0	498.5	405.6	311.2	207.0
-2.5°	2129.4	1714.0	1374.7	1114.9	917.3	752.3	620.0	505.1	411.5	317.3	213.0
-5°	2128.2	1717.0	1378.9	1120.8	920.3	756.2	623.5	509.8	415.7	321.8	218.0
-7.5°	2105.8	1703.6	1373.6	1119.7	918.6	756.6	624.5	512.6	418.3	324.6	221.9
-10°	2065.5	1676.0	1358.1	1109.5	912.6	753.3	623.0	513.4	419.3	325.8	224.7
-12.5°	2008.9	1636.7	1333.2	1092.9	901.7	746.3	618.4	511.1	418.7	325.4	226.3
-15°	1936.0	1586.1	1298.8	1070.0	886.1	735.8	611.1	506.1	415.0	323.1	226.6
-17.5°	1848.0	1524.6	1254.9	1040.7	865.5	721.8	601.0	499.2	410.1	318.9	226.2
-20°	1766.3	1459.8	1204.3	1005.2	840.1	704.5	588.2	490.5	403.9	313.7	225.1



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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°	1674.9	1392.6	1159.4	971.1	813.2	683.8	572.6	479.8	396.6	307.5	223.1
-25°	1570.4	1316.4	1108.2	933.2	787.1	664.0	556.6	467.3	388.1	300.5	220.1
-27.5°	1472.1	1237.8	1050.7	889.5	756.9	641.3	540.7	455.8	378.4	292.6	216.2
-30°	1371.9	1169.3	995.7	843.7	723.6	615.8	522.9	443.4	367.4	285.7	211.4
-32.5°	1269.9	1094.7	936.7	804.1	691.3	588.5	503.4	430.1	355.9	278.9	207.4
-35°	1182.3	1021.3	873.3	761.4	658.3	565.2	484.0	416.0	344.0	271.2	203.1
-37.5°	1089.1	946.9	824.0	719.0	622.8	539.8	465.5	399.4	331.9	262.6	197.9
-40°	1005.6	877.4	770.9	678.0	590.9	512.4	444.7	381.7	320.5	253.1	191.8
-42.5°	920.6	814.3	719.1	633.9	558.8	487.2	422.1	362.8	305.8	244.3	184.8
-45°	846.2	749.7	665.5	593.8	525.3	459.8	400.0	343.2	290.0	235.2	177.5
-47.5°	769.3	687.3	615.6	552.0	492.3	431.3	376.8	325.0	273.6	225.1	170.0
-50°	697.5	628.3	568.6	511.7	455.9	404.7	353.5	306.3	258.7	211.9	161.6
-52.5°	633.7	576.0	522.9	471.1	423.2	376.9	332.6	287.2	243.1	198.7	152.4
-55°	577.3	525.9	478.1	433.2	390.4	352.1	311.3	269.3	226.9	185.2	142.4
-57.5°	523.3	477.0	436.3	396.5	360.0	326.6	290.4	250.8	210.6	170.9	133.6
-60°	469.0	431.7	395.6	362.1	330.5	300.3	269.5	231.6	193.7	156.2	123.0
-62.5°	417.0	385.7	357.9	328.4	299.5	272.9	248.0	211.9	176.0	141.7	111.1
-65°	365.9	341.9	319.5	291.8	266.7	244.5	223.8	191.4	157.5	126.3	98.8
-67.5°	315.3	295.6	275.5	253.1	234.4	216.3	197.9	168.6	137.8	110.0	86.3
-70°	264.3	247.5	233.2	219.0	203.5	187.5	169.2	144.2	117.2	94.6	73.4
-72.5°	214.3	204.0	195.5	185.4	172.3	157.1	140.0	119.6	98.6	78.8	60.1
-75°	165.0	162.9	160.3	153.9	141.2	127.1	113.2	97.6	79.6	62.5	48.9
-77.5°	130.0	129.1	127.3	122.8	111.8	100.2	88.2	75.1	61.4	49.6	38.5
-80°	96.3	96.2	95.3	92.6	83.1	73.3	65.0	56.5	46.5	36.9	27.8
-82.5°	63.3	64.2	64.7	63.8	57.4	51.2	45.1	39.2	31.4	24.0	18.6
-85°	36.1	36.8	37.0	36.6	32.7	28.9	26.3	23.7	19.6	15.8	12.4
-87.5°	15.0	15.9	16.5	17.0	15.7	14.4	13.2	11.9	9.8	7.9	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
70°	1.4	1.4	1.4	1.4	1.0	0.5	0.0
67.5°	1.5	1.4	1.4	1.4	1.1	0.5	0.0
65°	1.7	1.6	1.4	1.4	1.2	0.6	0.0
62.5°	1.9	1.9	1.4	1.4	1.3	0.6	0.0
60°	2.2	2.2	1.4	1.4	1.4	0.7	0.0
57.5°	3.8	2.6	1.8	1.4	1.4	0.8	0.0
55°	5.8	3.1	2.2	1.4	1.4	0.8	0.0
52.5°	8.1	3.9	2.7	1.4	1.5	0.9	0.0
50°	10.7	6.3	3.1	1.4	1.5	0.9	0.0
47.5°	14.3	8.9	3.6	1.5	1.5	0.9	0.0
45°	22.0	11.7	4.1	1.9	1.6	1.0	0.0
42.5°	29.5	14.6	4.6	2.3	1.6	1.0	0.0
40°	37.1	17.7	6.1	2.8	1.7	1.1	0.0
37.5°	44.6	21.0	8.5	3.4	1.7	1.1	0.0
35°	52.0	26.1	11.0	4.0	1.8	1.1	0.0
32.5°	59.9	31.9	13.5	4.7	1.8	1.2	0.0
30°	68.7	37.7	15.9	5.5	1.9	1.2	0.0
27.5°	77.2	43.2	18.8	6.3	2.0	1.2	0.0
25°	85.5	48.6	21.6	7.1	2.1	1.3	0.0
22.5°	93.4	53.8	24.4	8.0	2.1	1.3	0.0
20°	100.9	58.8	27.1	8.9	2.2	1.3	0.0
17.5°	107.8	63.6	29.7	9.8	2.3	1.3	0.0
15°	114.2	68.1	32.1	10.7	2.4	1.4	0.0
12.5°	120.1	72.2	34.5	11.6	2.4	1.4	0.0
10°	125.4	76.0	36.7	12.4	2.5	1.4	0.0
7.5°	130.1	79.4	38.7	13.3	2.6	1.4	0.0
5°	134.3	82.4	40.6	14.1	2.7	1.4	0.0
2.5°	137.9	85.1	42.2	14.8	2.7	1.4	0.0
0°	140.8	87.3	43.7	15.5	2.8	1.4	0.0
-2.5°	144.6	90.1	45.7	16.5	3.2	1.5	0.0
-5°	147.8	92.4	47.5	17.4	3.7	1.6	0.0
-7.5°	150.3	94.2	49.0	18.2	4.1	1.7	0.0
-10°	152.1	95.7	50.2	18.9	4.5	1.7	0.0
-12.5°	153.2	96.6	51.1	19.5	4.8	1.8	0.0
-15°	153.5	97.0	51.7	20.0	5.2	1.9	0.0
-17.5°	153.1	97.0	52.0	20.4	5.5	1.9	0.0
-20°	152.6	96.4	51.9	20.7	5.8	2.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.7	95.4	51.5	20.8	6.0	2.0	0.0
-25°	152.1	95.0	50.7	20.8	6.3	2.1	0.0
-27.5°	150.6	94.6	49.5	20.6	6.5	2.1	0.0
-30°	148.4	93.6	48.1	20.3	6.6	2.1	0.0
-32.5°	145.4	92.0	47.5	19.9	6.7	2.1	0.0
-35°	142.6	89.8	46.5	19.3	6.8	2.1	0.0
-37.5°	139.3	87.4	45.1	18.6	6.8	2.1	0.0
-40°	135.3	85.3	43.3	17.7	6.8	2.1	0.0
-42.5°	130.5	82.6	42.0	16.9	6.7	2.1	0.0
-45°	125.0	79.4	41.2	16.3	6.6	2.0	0.0
-47.5°	118.7	75.6	40.0	15.4	6.5	2.0	0.0
-50°	113.1	71.3	38.3	15.1	6.3	1.9	0.0
-52.5°	107.2	66.5	36.2	14.9	6.0	1.9	0.0
-55°	100.6	62.6	33.7	14.5	5.7	1.8	0.0
-57.5°	93.3	58.4	30.8	13.9	5.4	1.7	0.0
-60°	85.6	53.5	27.6	13.1	5.0	1.6	0.0
-62.5°	78.1	48.2	25.7	12.2	4.7	1.5	0.0
-65°	69.8	42.3	23.5	11.1	4.4	1.4	0.0
-67.5°	60.9	37.0	21.0	9.9	4.0	1.3	0.0
-70°	51.3	32.4	18.3	8.5	3.7	1.2	0.0
-72.5°	43.6	27.5	15.3	7.5	3.2	1.0	0.0
-75°	35.8	22.3	12.1	6.5	2.8	0.9	0.0
-77.5°	27.6	16.8	10.0	5.5	2.4	0.7	0.0
-80°	19.1	12.8	8.1	4.5	1.9	0.6	0.0
-82.5°	14.1	9.7	6.2	3.4	1.5	0.5	0.0
-85°	9.4	6.5	4.1	2.3	1.0	0.3	0.0
-87.5°	4.7	3.3	2.1	1.1	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)