

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: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627852 (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-SA6C-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: -

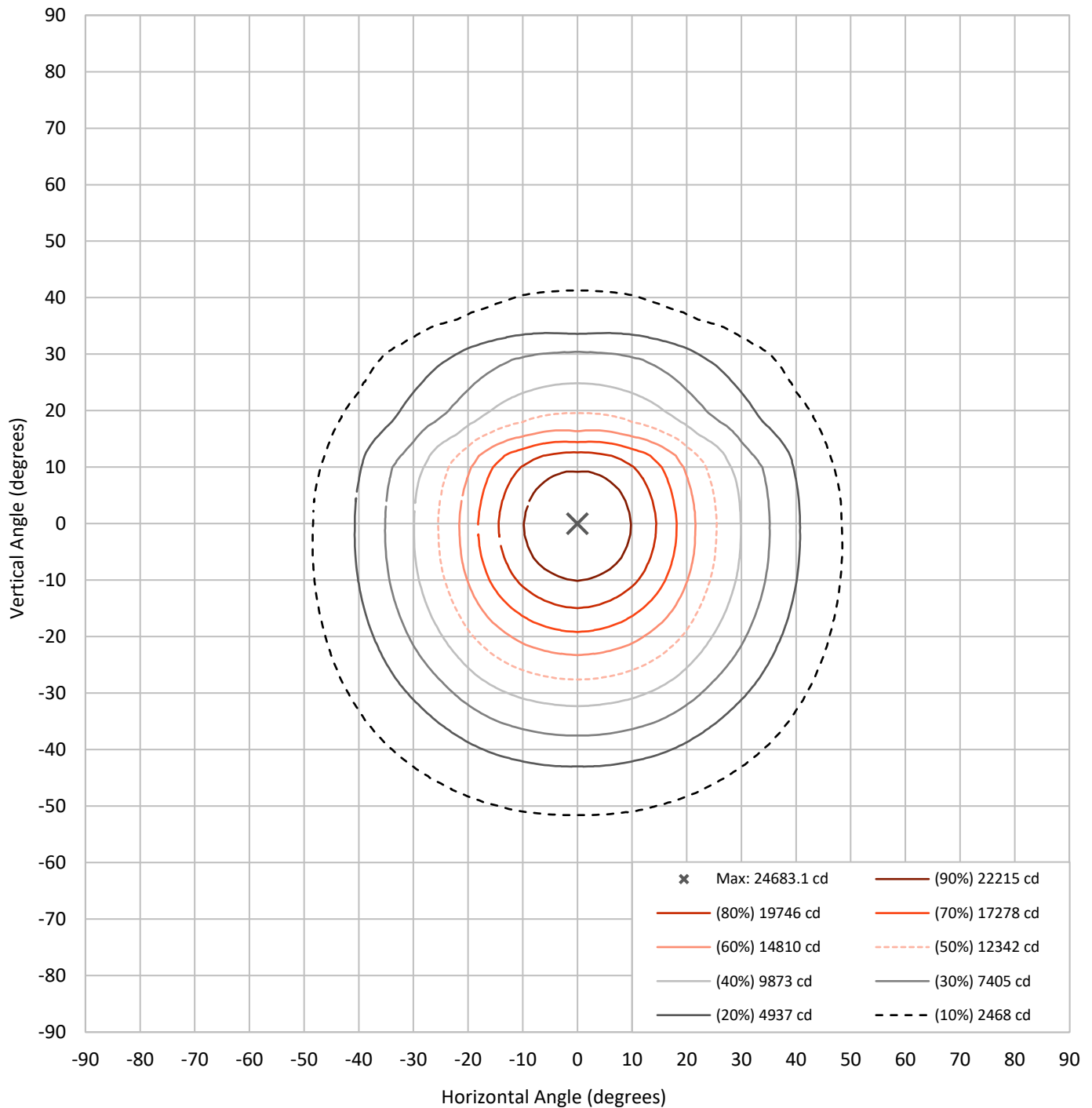
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21775.9 lumens	Max Intensity:	24683.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.0 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:	10484 lumens	Field Lumens:	19496.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	247.5		
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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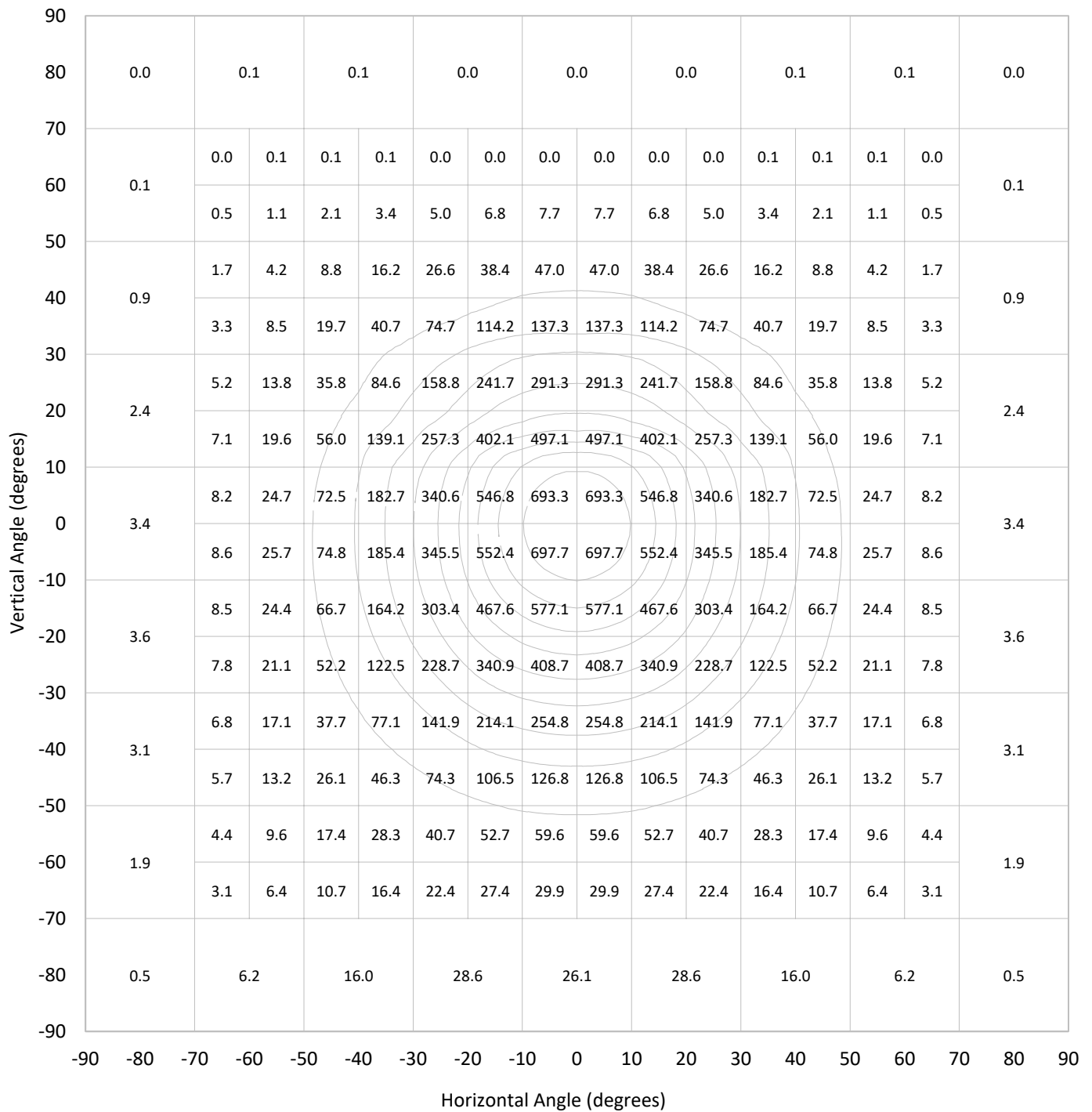
Iso-Candela Plot





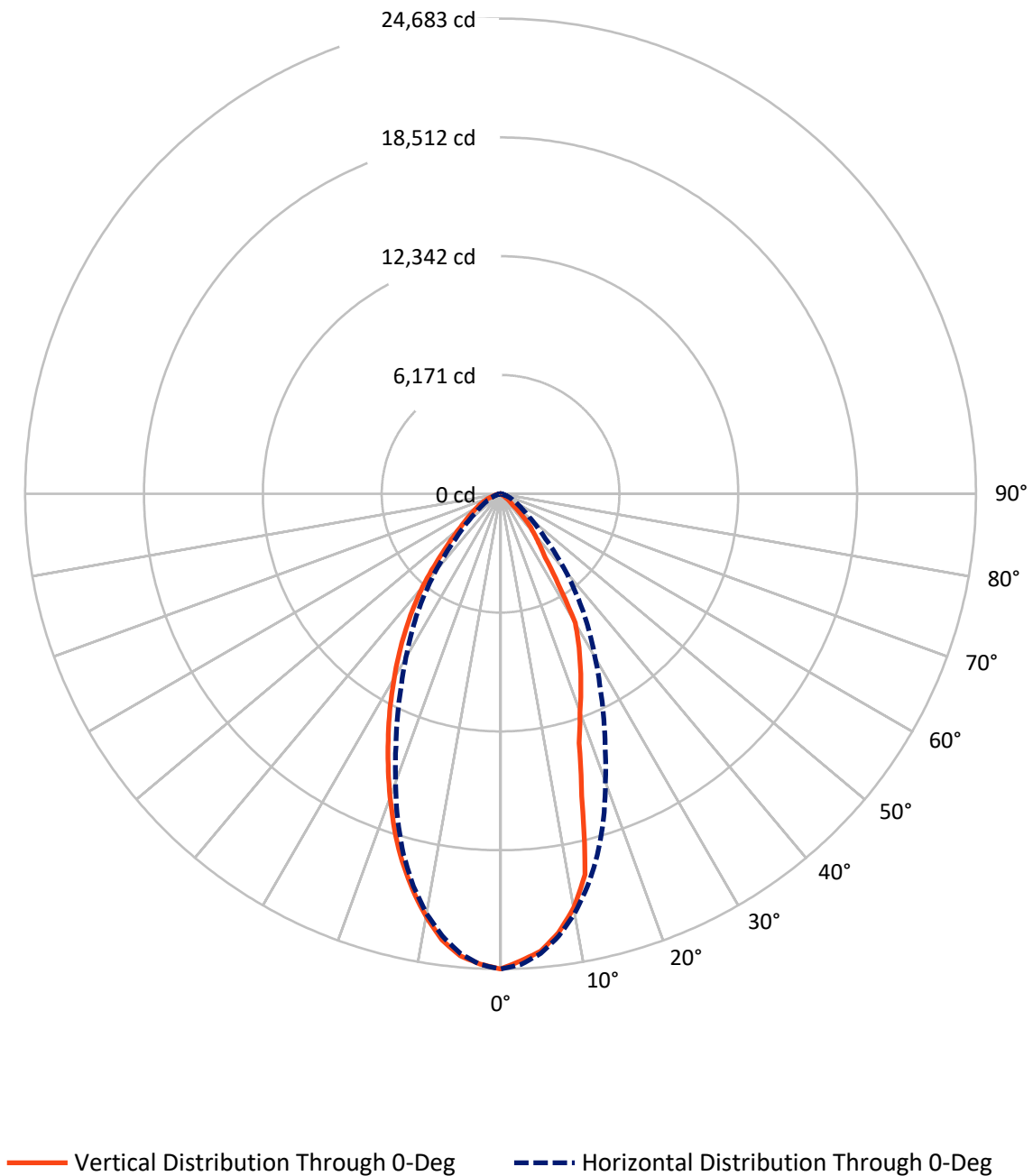
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Lumen Table



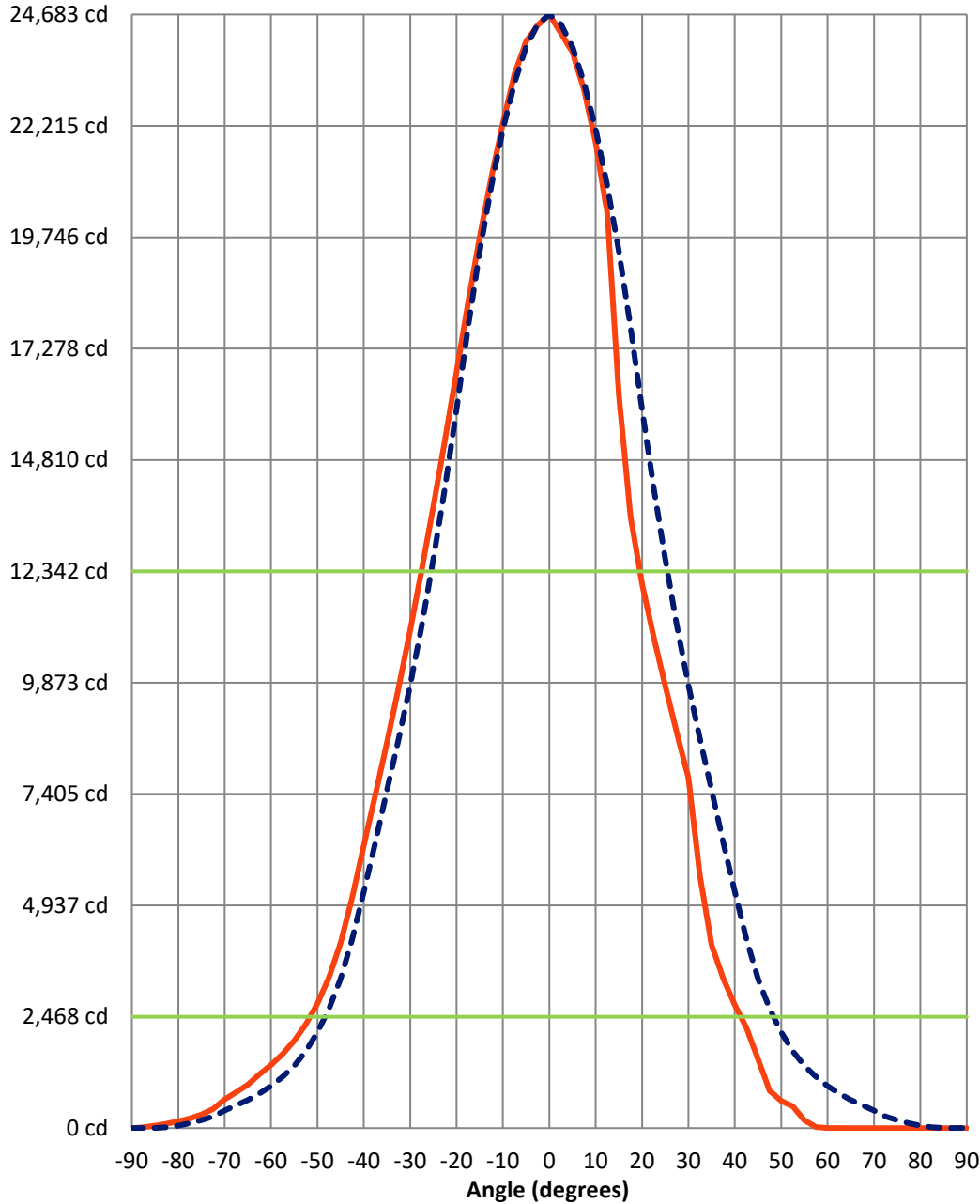
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 10484
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 19496.8
 Efficiency: 89.5%

Spill:
 Lumens: 2279.1
 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	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	1.8	1.8
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.4	0.8	1.2	1.6	1.8	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.6	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
67.5°	0.0	0.7	1.4	1.8	1.8	1.8	2.0	1.8	1.8	2.3	2.2
65°	0.0	0.8	1.5	1.8	1.8	2.0	2.2	1.8	2.6	2.9	3.4
62.5°	0.0	0.8	1.7	1.8	1.8	2.4	2.4	2.4	3.4	4.8	7.4
60°	0.0	0.9	1.8	1.8	1.8	2.9	2.8	3.4	4.3	11.7	12.6
57.5°	0.0	1.0	1.8	1.8	2.3	3.4	4.8	4.6	11.5	19.7	21.6
55°	0.0	1.0	1.8	1.8	2.8	3.9	7.3	6.7	21.1	29.7	33.5
52.5°	0.0	1.1	1.9	1.8	3.4	4.9	10.2	16.6	31.5	44.0	47.5
50°	0.0	1.2	1.9	1.8	4.0	8.0	13.5	27.4	44.0	59.9	72.5
47.5°	0.0	1.2	2.0	1.9	4.6	11.2	18.0	38.4	60.4	77.4	98.3
45°	0.0	1.3	2.0	2.4	5.2	14.7	27.5	49.4	76.9	100.3	123.9
42.5°	0.0	1.3	2.1	2.9	5.9	18.4	37.0	62.4	93.3	122.9	152.2
40°	0.0	1.4	2.1	3.5	7.7	22.2	46.5	76.7	110.4	145.0	181.8
37.5°	0.0	1.4	2.2	4.3	10.8	26.3	55.9	90.7	128.9	167.7	212.0
35°	0.0	1.5	2.3	5.1	13.8	32.6	65.2	104.6	147.5	194.8	244.9
32.5°	0.0	1.5	2.3	6.0	16.9	40.0	75.0	118.2	166.1	222.6	281.9
30°	0.0	1.6	2.4	6.9	20.0	47.1	86.0	132.1	184.7	251.0	319.1
27.5°	0.0	1.6	2.5	7.9	23.6	54.1	96.7	147.2	205.1	279.9	356.6
25°	0.0	1.6	2.6	9.0	27.1	60.8	107.0	162.1	228.7	310.6	394.0
22.5°	0.0	1.7	2.7	10.1	30.6	67.3	116.9	176.5	251.9	341.7	431.9
20°	0.0	1.7	2.8	11.2	33.9	73.7	126.3	190.5	274.8	372.1	468.1
17.5°	0.0	1.7	2.9	12.3	37.1	79.6	135.0	203.9	297.1	401.6	502.4
15°	0.0	1.7	3.0	13.4	40.2	85.2	143.0	215.8	318.7	430.1	534.7
12.5°	0.0	1.8	3.1	14.5	43.1	90.4	150.3	225.7	336.5	457.3	564.9
10°	0.0	1.8	3.2	15.6	45.9	95.1	157.0	234.6	350.8	473.4	588.7
7.5°	0.0	1.8	3.3	16.6	48.4	99.4	162.9	242.4	363.3	485.6	601.1
5°	0.0	1.8	3.3	17.6	50.8	103.2	168.1	249.1	374.0	495.3	611.1
2.5°	0.0	1.8	3.4	18.5	52.9	106.5	172.6	254.7	382.8	502.7	618.8
0°	0.0	1.8	3.5	19.4	54.7	109.3	176.3	259.2	389.6	507.8	624.1
-2.5°	0.0	1.9	4.0	20.6	57.2	112.7	181.1	266.7	397.2	515.1	632.4
-5°	0.0	2.0	4.6	21.8	59.4	115.6	185.1	272.9	402.8	520.4	638.3
-7.5°	0.0	2.1	5.1	22.8	61.3	118.0	188.2	277.8	406.3	523.6	641.8
-10°	0.0	2.2	5.6	23.7	62.8	119.7	190.5	281.3	407.8	524.9	642.8
-12.5°	0.0	2.3	6.0	24.4	64.0	120.9	191.8	283.3	407.4	524.1	639.8
-15°	0.0	2.4	6.5	25.1	64.7	121.4	192.2	283.7	404.4	519.6	633.6
-17.5°	0.0	2.5	6.9	25.5	65.1	121.4	191.6	283.1	399.2	513.4	625.0
-20°	0.0	2.5	7.3	25.9	65.0	120.7	191.1	281.8	392.6	505.6	614.0

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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	2.6	7.6	26.0	64.4	119.4	191.2	279.3	384.9	496.4	600.7
-25°	0.0	2.6	7.9	26.0	63.5	118.9	190.3	275.5	376.1	485.8	585.1
-27.5°	0.0	2.7	8.1	25.8	62.0	118.4	188.5	270.7	366.3	473.6	570.6
-30°	0.0	2.7	8.3	25.5	60.2	117.1	185.7	264.7	357.6	459.9	555.1
-32.5°	0.0	2.7	8.4	24.9	59.5	115.1	182.0	259.7	349.1	445.5	538.5
-35°	0.0	2.7	8.5	24.2	58.2	112.4	178.4	254.3	339.5	430.7	520.8
-37.5°	0.0	2.7	8.6	23.3	56.5	109.4	174.4	247.7	328.7	415.4	500.0
-40°	0.0	2.7	8.5	22.2	54.2	106.7	169.4	240.0	316.8	401.2	477.8
-42.5°	0.0	2.6	8.5	21.2	52.6	103.4	163.4	231.3	305.8	382.7	454.1
-45°	0.0	2.6	8.3	20.4	51.6	99.3	156.4	222.1	294.5	363.0	429.6
-47.5°	0.0	2.5	8.1	19.3	50.0	94.6	148.5	212.8	281.8	342.5	406.8
-50°	0.0	2.5	7.9	18.9	47.9	89.3	141.6	202.3	265.2	323.9	383.4
-52.5°	0.0	2.4	7.6	18.7	45.3	83.3	134.1	190.7	248.8	304.4	359.6
-55°	0.0	2.3	7.2	18.2	42.2	78.4	125.9	178.3	231.8	284.1	337.2
-57.5°	0.0	2.2	6.8	17.4	38.5	73.1	116.8	167.2	213.9	263.6	313.9
-60°	0.0	2.0	6.4	16.5	34.5	67.0	107.1	153.9	195.6	242.4	290.0
-62.5°	0.0	1.9	6.0	15.3	32.2	60.3	97.8	139.1	177.4	220.4	265.3
-65°	0.0	1.8	5.6	14.0	29.4	52.9	87.5	123.7	158.1	197.1	239.6
-67.5°	0.0	1.6	5.1	12.4	26.3	46.3	76.3	108.0	137.8	172.6	211.2
-70°	0.0	1.5	4.6	10.7	22.9	40.6	64.3	91.9	118.5	146.8	180.6
-72.5°	0.0	1.3	4.1	9.5	19.2	34.5	54.6	75.2	98.7	123.5	149.8
-75°	0.0	1.1	3.6	8.2	15.2	27.9	44.9	61.3	78.3	99.6	122.2
-77.5°	0.0	0.9	3.0	7.0	12.6	21.0	34.6	48.2	62.1	76.9	94.0
-80°	0.0	0.8	2.4	5.6	10.2	16.1	23.9	34.8	46.2	58.2	70.8
-82.5°	0.0	0.6	1.8	4.3	7.7	12.2	17.6	23.2	30.0	39.3	49.0
-85°	0.0	0.4	1.2	2.9	5.2	8.2	11.8	15.6	19.8	24.5	29.7
-87.5°	0.0	0.2	0.6	1.4	2.6	4.1	5.9	7.8	9.9	12.3	14.9
-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: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.4	0.9
65°	1.8	1.8	2.5	2.6	1.9	1.8	1.8	1.8	1.9	1.6	1.7
62.5°	2.6	3.2	4.0	6.2	4.6	1.8	3.5	4.0	2.7	2.2	2.4
60°	7.8	5.3	13.6	18.8	12.3	6.5	8.0	16.0	13.2	3.6	9.3
57.5°	15.6	19.2	34.2	35.9	27.5	18.6	40.8	45.2	37.5	23.5	33.9
55°	32.5	45.6	57.6	56.9	57.3	72.0	84.6	83.1	73.3	101.0	127.3
52.5°	61.4	75.1	83.0	90.4	111.0	124.7	128.7	136.4	165.2	199.6	205.8
50°	90.1	104.2	114.7	141.5	162.6	173.4	183.5	209.8	253.3	276.9	280.7
47.5°	119.2	134.9	162.5	191.9	212.3	228.7	246.1	305.9	354.4	374.5	381.7
45°	149.5	176.6	211.2	241.3	265.0	287.1	343.8	425.4	459.6	490.4	568.7
42.5°	181.0	221.9	260.8	292.4	319.1	365.3	444.2	523.3	572.2	637.7	732.4
40°	221.1	267.0	312.1	344.2	377.5	447.6	545.3	629.0	680.7	768.6	876.5
37.5°	261.9	315.5	364.3	398.1	444.9	539.7	654.5	754.8	818.9	890.5	1063.8
35°	302.2	365.0	415.0	460.4	518.2	648.9	790.4	902.0	981.2	1103.8	1323.2
32.5°	345.1	415.4	466.5	528.4	623.3	769.4	943.2	1067.1	1198.5	1374.9	1726.3
30°	390.9	462.6	521.4	595.7	722.9	893.5	1095.2	1250.9	1429.3	1715.6	2094.4
27.5°	436.5	509.6	582.0	676.6	816.3	1000.6	1211.2	1456.6	1687.2	2007.4	2421.5
25°	480.4	557.5	641.5	755.7	906.8	1099.7	1329.7	1612.8	1913.6	2280.0	2766.2
22.5°	522.2	606.2	704.5	827.2	983.2	1193.9	1468.1	1800.7	2162.2	2541.6	3100.4
20°	563.3	660.5	773.3	910.7	1053.5	1280.7	1603.5	2006.2	2459.2	2979.1	3526.6
17.5°	603.8	714.2	844.4	997.1	1170.2	1402.6	1742.3	2221.7	2773.1	3449.7	4123.9
15°	643.5	766.8	913.1	1082.4	1287.8	1565.7	1951.4	2478.4	3144.6	3954.8	4753.4
12.5°	682.0	817.8	979.1	1165.8	1401.9	1719.1	2148.5	2717.0	3480.4	4448.4	5429.4
10°	719.0	866.8	1041.8	1246.3	1511.2	1861.9	2322.8	2923.5	3733.8	4731.3	5822.4
7.5°	737.8	899.9	1095.2	1322.8	1614.3	1993.0	2474.4	3097.9	3931.7	4958.8	6052.9
5°	751.2	915.1	1115.3	1353.4	1671.0	2082.2	2590.4	3240.6	4077.6	5130.0	6209.0
2.5°	761.6	926.0	1129.9	1370.6	1693.4	2111.9	2628.7	3290.4	4155.9	5219.4	6300.0
0°	768.7	932.7	1138.9	1380.5	1704.9	2126.3	2646.4	3311.1	4189.1	5239.9	6333.0
-2.5°	776.3	941.8	1148.4	1395.8	1721.1	2145.9	2665.9	3325.7	4214.0	5245.6	6350.9
-5°	780.6	946.7	1152.1	1403.2	1726.3	2149.5	2664.4	3311.7	4194.1	5204.4	6312.0
-7.5°	781.8	947.3	1150.1	1401.7	1719.6	2132.8	2636.3	3270.4	4125.8	5121.1	6216.7
-10°	779.9	943.1	1142.5	1389.0	1700.3	2098.2	2585.9	3198.8	4013.4	4983.5	6055.6
-12.5°	774.2	934.3	1128.9	1368.3	1669.1	2049.0	2515.0	3096.7	3857.3	4792.3	5828.6
-15°	765.0	921.1	1109.3	1339.5	1626.0	1985.6	2423.8	2964.1	3656.4	4549.3	5545.9
-17.5°	752.4	903.7	1083.5	1302.9	1571.1	1908.6	2313.6	2809.0	3439.7	4278.0	5231.6
-20°	736.4	882.0	1051.8	1258.4	1507.7	1827.6	2211.3	2671.6	3236.8	3967.3	4860.8

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CATALOG NUMBER: GFLD-SA6C-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°
-22.5°	716.8	856.1	1018.1	1215.8	1451.5	1743.4	2096.9	2515.9	3009.3	3608.3	4455.9
-25°	696.8	831.3	985.4	1168.3	1387.4	1648.0	1966.0	2347.7	2794.6	3342.8	4043.6
-27.5°	677.0	802.8	947.6	1113.6	1315.4	1549.6	1842.9	2190.9	2589.2	3055.4	3626.1
-30°	654.7	771.0	905.9	1056.3	1246.5	1463.9	1717.4	2015.6	2369.8	2791.0	3287.1
-32.5°	630.3	736.8	865.5	1006.7	1172.6	1370.5	1589.8	1859.5	2167.6	2515.2	2943.9
-35°	606.1	707.7	824.1	953.2	1093.3	1278.7	1480.2	1703.9	1966.0	2273.7	2616.7
-37.5°	582.8	675.9	779.7	900.2	1031.6	1185.4	1363.5	1565.5	1791.1	2035.9	2332.1
-40°	556.8	641.5	739.8	848.9	965.1	1098.5	1259.0	1430.5	1624.7	1840.1	2068.9
-42.5°	528.5	610.0	699.6	793.6	900.3	1019.5	1152.6	1309.4	1470.7	1651.2	1850.9
-45°	500.8	575.7	657.7	743.5	833.2	938.5	1059.4	1189.8	1332.9	1480.2	1648.0
-47.5°	471.7	540.0	616.4	691.2	770.7	860.5	963.1	1081.4	1200.7	1331.9	1462.0
-50°	442.5	506.7	570.8	640.6	711.8	786.6	873.3	975.4	1084.0	1192.8	1307.3
-52.5°	416.4	471.9	529.9	589.7	654.6	721.1	793.4	877.6	972.5	1068.4	1167.0
-55°	389.7	440.8	488.8	542.4	598.5	658.3	722.8	793.6	865.3	952.6	1037.5
-57.5°	363.6	408.9	450.6	496.3	546.3	597.1	655.2	715.4	780.4	846.4	915.9
-60°	337.5	376.0	413.8	453.3	495.2	540.4	587.1	640.0	695.8	753.1	813.4
-62.5°	310.5	341.7	375.0	411.1	448.0	482.8	522.0	565.2	611.2	660.5	711.5
-65°	280.2	306.1	333.9	365.4	400.0	428.1	458.1	490.6	528.6	569.2	609.2
-67.5°	247.9	270.8	293.5	316.9	344.9	370.1	394.8	420.6	449.1	482.2	514.3
-70°	211.9	234.8	254.7	274.1	291.9	309.9	330.8	351.3	374.2	403.9	433.2
-72.5°	175.3	196.8	215.7	232.1	244.7	255.4	268.2	283.1	305.0	332.6	358.4
-75°	141.8	159.1	176.8	192.6	200.7	203.9	206.6	214.4	236.6	264.9	289.9
-77.5°	110.5	125.5	140.0	153.7	159.4	161.6	162.7	162.7	179.1	203.2	228.5
-80°	81.4	91.8	104.1	115.9	119.3	120.4	120.5	119.8	133.2	150.5	169.1
-82.5°	56.5	64.1	71.9	79.9	81.0	80.4	79.2	78.1	88.9	101.4	114.3
-85°	32.9	36.1	40.8	45.7	46.3	46.1	45.2	43.8	49.9	56.7	63.9
-87.5°	16.5	18.1	19.6	21.2	20.7	19.8	18.8	17.5	19.2	20.9	22.7
-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: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	1.5	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.8	1.5	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.8	1.6	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.8	1.8	1.3	0.9	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.3	2.2	1.6	1.5	1.7	1.8	1.5	1.3	1.2	1.3	1.5
60°	10.0	5.7	5.8	7.4	6.3	2.9	5.8	7.3	6.9	5.2	4.6
57.5°	50.6	42.4	29.6	49.6	51.1	35.6	38.6	50.4	48.9	37.8	37.7
55°	127.5	129.4	138.9	151.4	160.7	165.0	168.8	187.8	208.0	227.9	237.8
52.5°	210.6	235.3	265.9	286.2	300.3	329.3	370.0	388.7	406.8	427.5	442.4
50°	310.2	353.0	383.7	388.2	436.5	467.9	475.2	510.3	548.5	572.2	589.2
47.5°	461.4	515.6	542.4	559.5	618.3	682.8	682.9	703.0	798.5	848.4	872.5
45°	664.6	709.8	757.3	880.4	993.7	1029.6	1106.5	1210.7	1278.4	1371.6	1474.0
42.5°	837.7	922.5	1041.3	1176.9	1290.4	1384.9	1499.2	1624.4	1774.8	1916.3	2038.4
40°	1009.0	1113.9	1261.0	1408.5	1551.5	1682.4	1866.6	2027.6	2205.1	2399.7	2561.9
37.5°	1232.4	1366.7	1518.7	1704.8	1927.3	2072.6	2325.9	2557.4	2757.3	2992.3	3137.1
35°	1575.6	1750.7	1885.3	2261.3	2532.0	2702.0	3001.9	3382.3	3528.3	3824.2	3964.6
32.5°	2007.1	2239.8	2594.0	3091.9	3453.4	3766.4	4214.7	4600.6	4929.5	5226.7	5535.9
30°	2491.9	2851.0	3373.0	4034.7	4401.9	4840.3	5446.5	5904.1	6420.0	6986.2	7184.6
27.5°	2931.9	3469.7	4075.8	4611.8	5139.1	5685.1	6280.8	6868.7	7427.0	7898.2	8214.4
25°	3339.7	3991.0	4580.1	5152.8	5724.2	6339.1	7012.9	7679.6	8294.0	8778.8	9147.4
22.5°	3760.3	4448.4	5078.6	5659.8	6324.4	7021.2	7737.7	8502.4	9201.7	9704.6	10106.2
20°	4155.7	4921.1	5639.9	6301.6	6929.9	7734.3	8559.4	9370.5	10131.9	10731.1	11194.1
17.5°	4783.4	5447.8	6326.4	7186.0	7893.8	8632.7	9735.2	10572.4	11417.3	12134.9	12625.8
15°	5554.3	6284.9	7192.0	8372.6	9342.4	10189.1	11328.0	12689.9	13686.6	14602.6	15231.0
12.5°	6325.7	7152.1	8133.3	9461.9	10842.7	11840.0	13221.7	14947.5	16108.3	17526.5	18225.7
10°	6917.1	7954.7	8965.3	10177.7	11503.7	12923.9	14413.4	16027.9	17579.0	18796.9	19885.5
7.5°	7155.2	8260.4	9430.2	10667.3	11993.2	13458.9	15046.4	16726.4	18322.8	19683.0	20879.4
5°	7333.1	8465.6	9643.1	10908.1	12325.4	13856.0	15467.2	17231.1	18861.3	20319.2	21543.2
2.5°	7446.2	8589.3	9761.8	11047.8	12538.5	14114.5	15777.5	17588.1	19242.8	20743.7	21963.6
0°	7489.6	8616.2	9816.8	11140.9	12616.6	14196.3	15931.2	17763.0	19430.9	20881.9	22137.2
-2.5°	7495.4	8591.2	9820.4	11138.1	12550.0	14144.5	15900.3	17716.9	19350.9	20796.1	22062.6
-5°	7436.6	8531.9	9762.2	11059.9	12473.9	14056.3	15736.8	17492.2	19050.6	20457.1	21676.5
-7.5°	7317.3	8409.6	9612.7	10880.7	12256.5	13791.5	15405.5	17037.5	18566.3	19915.3	21079.0
-10°	7140.3	8209.7	9371.1	10606.6	11908.4	13368.4	14907.4	16466.7	17900.3	19147.8	20224.0
-12.5°	6900.7	7945.3	9054.4	10233.9	11445.6	12837.7	14290.8	15755.1	17061.9	18200.7	19166.2
-15°	6589.5	7609.7	8683.7	9799.0	10974.2	12233.0	13537.2	14880.3	16085.4	17095.4	17977.5
-17.5°	6222.8	7212.3	8232.2	9266.2	10381.2	11562.2	12772.9	13978.5	15006.4	15903.6	16710.2
-20°	5814.1	6767.4	7736.2	8700.1	9711.8	10804.1	11922.1	12981.2	13879.4	14694.7	15432.7



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	5355.8	6268.3	7196.9	8099.0	9011.2	10000.2	10998.8	11956.5	12796.6	13494.1	14135.4
-25°	4865.2	5708.4	6585.2	7431.0	8270.6	9156.9	10063.8	10945.0	11684.5	12290.0	12820.0
-27.5°	4370.8	5141.3	5913.9	6710.1	7486.2	8304.1	9125.1	9886.2	10550.1	11107.6	11553.0
-30°	3851.2	4540.0	5245.5	5965.9	6707.0	7455.4	8197.4	8863.8	9443.3	9933.6	10318.6
-32.5°	3419.4	3942.6	4565.5	5219.5	5914.2	6596.1	7241.4	7848.9	8395.0	8823.1	9149.5
-35°	3005.4	3448.6	3915.1	4493.9	5090.7	5718.2	6311.9	6854.1	7340.9	7715.0	8022.0
-37.5°	2649.6	3000.1	3394.6	3807.9	4308.2	4827.0	5362.8	5872.6	6306.7	6633.1	6907.3
-40°	2341.6	2618.4	2933.6	3261.2	3629.3	4002.0	4468.5	4898.8	5253.1	5558.2	5806.6
-42.5°	2063.2	2296.7	2529.5	2798.2	3075.9	3375.5	3703.0	4021.2	4293.1	4548.4	4759.5
-45°	1822.8	2009.4	2194.9	2402.5	2606.4	2850.1	3084.0	3292.7	3512.9	3704.1	3854.5
-47.5°	1612.7	1758.1	1917.2	2072.5	2236.3	2419.7	2593.8	2752.6	2914.0	3053.8	3165.9
-50°	1425.9	1546.4	1676.3	1798.4	1930.8	2065.0	2193.7	2320.0	2442.6	2549.0	2631.7
-52.5°	1262.4	1367.7	1468.9	1566.1	1671.4	1770.8	1864.0	1968.2	2064.1	2147.9	2204.6
-55°	1123.2	1209.2	1292.1	1373.3	1452.9	1528.2	1602.5	1683.5	1757.5	1824.1	1866.2
-57.5°	992.4	1065.7	1135.9	1202.2	1265.4	1325.3	1387.8	1450.0	1507.1	1557.3	1589.9
-60°	873.5	933.3	994.1	1048.2	1099.2	1147.0	1199.7	1249.5	1295.5	1334.2	1356.7
-62.5°	764.5	818.2	863.0	905.8	949.2	992.3	1029.7	1066.5	1102.0	1131.9	1151.6
-65°	650.7	696.1	734.3	768.7	799.7	833.1	865.0	893.9	919.5	939.0	951.4
-67.5°	548.8	582.2	612.8	640.1	667.8	694.5	719.1	741.0	760.3	773.9	782.8
-70°	460.2	485.8	510.8	535.6	560.3	581.1	598.9	615.3	630.2	636.4	639.1
-72.5°	382.5	405.1	427.1	449.0	469.5	485.8	498.9	510.9	521.7	512.4	496.1
-75°	311.8	331.8	352.3	371.7	389.8	402.3	412.0	420.9	429.1	408.9	381.2
-77.5°	254.1	271.7	286.9	302.0	316.9	324.8	331.0	337.1	342.9	320.4	292.0
-80°	188.6	202.7	215.6	228.3	240.8	245.5	248.2	250.1	251.1	231.8	209.6
-82.5°	127.4	134.7	141.8	149.2	156.8	160.8	163.7	166.0	167.7	154.0	138.6
-85°	71.4	73.6	75.3	76.8	78.0	80.5	82.9	85.1	87.1	80.6	73.5
-87.5°	24.6	24.5	24.4	24.2	23.9	24.0	24.0	24.0	23.9	22.8	21.7
-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: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	0.2	0.4
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.3
60°	3.5	2.2	1.8	1.8	1.8	2.2	3.5	4.6	5.2	6.9	7.3
57.5°	35.1	30.6	27.5	24.7	27.5	30.6	35.1	37.7	37.8	48.9	50.4
55°	233.5	217.5	197.7	174.5	197.7	217.5	233.5	237.8	227.9	208.0	187.8
52.5°	458.1	473.3	482.1	481.3	482.1	473.3	458.1	442.4	427.5	406.8	388.7
50°	602.9	611.2	611.6	604.7	611.6	611.2	602.9	589.2	572.2	548.5	510.3
47.5°	883.4	871.8	851.9	830.4	851.9	871.8	883.4	872.5	848.4	798.5	703.0
45°	1541.4	1578.5	1576.1	1528.6	1576.1	1578.5	1541.4	1474.0	1371.6	1278.4	1210.7
42.5°	2106.5	2162.1	2201.5	2221.5	2201.5	2162.1	2106.5	2038.4	1916.3	1774.8	1624.4
40°	2653.2	2706.9	2730.6	2729.2	2730.6	2706.9	2653.2	2561.9	2399.7	2205.1	2027.6
37.5°	3231.0	3300.5	3334.2	3318.1	3334.2	3300.5	3231.0	3137.1	2992.3	2757.3	2557.4
35°	4025.4	4090.4	4091.7	4058.6	4091.7	4090.4	4025.4	3964.6	3824.2	3528.3	3382.3
32.5°	5781.4	5803.2	5636.0	5576.6	5636.0	5803.2	5781.4	5535.9	5226.7	4929.5	4600.6
30°	7382.0	7536.3	7679.9	7752.3	7679.9	7536.3	7382.0	7184.6	6986.2	6420.0	5904.1
27.5°	8452.8	8638.4	8753.4	8760.7	8753.4	8638.4	8452.8	8214.4	7898.2	7427.0	6868.7
25°	9426.7	9634.3	9759.8	9802.7	9759.8	9634.3	9426.7	9147.4	8778.8	8294.0	7679.6
22.5°	10447.0	10691.7	10853.8	10887.0	10853.8	10691.7	10447.0	10106.2	9704.6	9201.7	8502.4
20°	11630.9	11915.7	12071.1	12064.8	12071.1	11915.7	11630.9	11194.1	10731.1	10131.9	9370.5
17.5°	13189.5	13494.9	13629.1	13570.4	13629.1	13494.9	13189.5	12625.8	12134.9	11417.3	10572.4
15°	15876.0	16514.9	16512.4	16257.4	16512.4	16514.9	15876.0	15231.0	14602.6	13686.6	12689.9
12.5°	19189.9	19666.0	20154.6	20259.5	20154.6	19666.0	19189.9	18225.7	17526.5	16108.3	14947.5
10°	20802.4	21434.7	21852.0	21841.0	21852.0	21434.7	20802.4	19885.5	18796.9	17579.0	16027.9
7.5°	21811.2	22509.8	23015.5	23004.7	23015.5	22509.8	21811.2	20879.4	19683.0	18322.8	16726.4
5°	22589.7	23364.6	23812.5	23845.7	23812.5	23364.6	22589.7	21543.2	20319.2	18861.3	17231.1
2.5°	22994.2	23802.9	24341.5	24270.6	24341.5	23802.9	22994.2	21963.6	20743.7	19242.8	17588.1
0°	23163.3	23963.8	24466.3	24683.1	24466.3	23963.8	23163.3	22137.2	20881.9	19430.9	17763.0
-2.5°	23089.5	23868.3	24423.7	24445.1	24423.7	23868.3	23089.5	22062.6	20796.1	19350.9	17716.9
-5°	22693.8	23515.7	23887.8	24085.4	23887.8	23515.7	22693.8	21676.5	20457.1	19050.6	17492.2
-7.5°	22055.9	22671.8	23144.4	23362.6	23144.4	22671.8	22055.9	21079.0	19915.3	18566.3	17037.5
-10°	21062.9	21700.6	22100.0	22280.0	22100.0	21700.6	21062.9	20224.0	19147.8	17900.3	16466.7
-12.5°	19962.9	20542.4	20922.1	21074.1	20922.1	20542.4	19962.9	19166.2	18200.7	17061.9	15755.1
-15°	18735.7	19261.8	19611.3	19757.1	19611.3	19261.8	18735.7	17977.5	17095.4	16085.4	14880.3
-17.5°	17384.7	17845.8	18194.0	18299.0	18194.0	17845.8	17384.7	16710.2	15903.6	15006.4	13978.5
-20°	15995.5	16412.4	16699.2	16761.6	16699.2	16412.4	15995.5	15432.7	14694.7	13879.4	12981.2



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	14595.8	14939.2	15172.1	15250.6	15172.1	14939.2	14595.8	14135.4	13494.1	12796.6	11956.5
-25°	13227.9	13524.3	13711.8	13782.0	13711.8	13524.3	13227.9	12820.0	12290.0	11684.5	10945.0
-27.5°	11912.4	12188.6	12360.8	12383.9	12360.8	12188.6	11912.4	11553.0	11107.6	10550.1	9886.2
-30°	10617.9	10846.1	10978.8	11035.1	10978.8	10846.1	10617.9	10318.6	9933.6	9443.3	8863.8
-32.5°	9408.1	9607.5	9726.8	9758.6	9726.8	9607.5	9408.1	9149.5	8823.1	8395.0	7848.9
-35°	8266.1	8450.2	8555.9	8547.4	8555.9	8450.2	8266.1	8022.0	7715.0	7340.9	6854.1
-37.5°	7134.0	7303.9	7399.8	7390.8	7399.8	7303.9	7134.0	6907.3	6633.1	6306.7	5872.6
-40°	6010.9	6157.5	6242.0	6262.5	6242.0	6157.5	6010.9	5806.6	5558.2	5253.1	4898.8
-42.5°	4934.9	5070.2	5137.8	5111.2	5137.8	5070.2	4934.9	4759.5	4548.4	4293.1	4021.2
-45°	3959.8	4029.7	4075.8	4104.4	4075.8	4029.7	3959.8	3854.5	3704.1	3512.9	3292.7
-47.5°	3248.0	3306.0	3337.3	3342.8	3337.3	3306.0	3248.0	3165.9	3053.8	2914.0	2752.6
-50°	2696.1	2745.4	2767.2	2761.0	2767.2	2745.4	2696.1	2631.7	2549.0	2442.6	2320.0
-52.5°	2245.3	2273.9	2293.2	2302.6	2293.2	2273.9	2245.3	2204.6	2147.9	2064.1	1968.2
-55°	1897.9	1920.2	1933.2	1937.6	1933.2	1920.2	1897.9	1866.2	1824.1	1757.5	1683.5
-57.5°	1617.1	1638.3	1646.0	1643.2	1646.0	1638.3	1617.1	1589.9	1557.3	1507.1	1450.0
-60°	1374.1	1386.2	1395.3	1399.9	1395.3	1386.2	1374.1	1356.7	1334.2	1295.5	1249.5
-62.5°	1167.2	1178.6	1188.1	1193.6	1188.1	1178.6	1167.2	1151.6	1131.9	1102.0	1066.5
-65°	960.2	965.2	966.6	964.4	966.6	965.2	960.2	951.4	939.0	919.5	893.9
-67.5°	789.5	793.7	796.5	796.9	796.5	793.7	789.5	782.8	773.9	760.3	741.0
-70°	641.8	643.5	641.5	636.5	641.5	643.5	641.8	639.1	636.4	630.2	615.3
-72.5°	479.4	461.8	444.3	424.9	444.3	461.8	479.4	496.1	512.4	521.7	510.9
-75°	352.4	322.7	311.9	301.5	311.9	322.7	352.4	381.2	408.9	429.1	420.9
-77.5°	262.2	231.2	222.9	215.1	222.9	231.2	262.2	292.0	320.4	342.9	337.1
-80°	186.3	162.1	156.8	151.6	156.8	162.1	186.3	209.6	231.8	251.1	250.1
-82.5°	122.4	105.6	102.1	98.7	102.1	105.6	122.4	138.6	154.0	167.7	166.0
-85°	65.9	58.0	56.4	54.7	56.4	58.0	65.9	73.5	80.6	87.1	85.1
-87.5°	20.6	19.3	19.4	19.4	19.4	19.3	20.6	21.7	22.8	23.9	24.0
-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: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	0.4	0.8	1.1	1.5	1.4	1.4	1.3	1.3
85°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
82.5°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
80°	0.0	0.0	0.1	0.5	1.0	1.4	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.0	0.1	0.6	1.0	1.5	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.0	0.1	0.6	1.1	1.5	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.0	0.1	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.5	1.8	1.8	1.8
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.4	1.8	1.8
65°	0.4	0.3	0.4	0.9	1.3	1.8	1.8	1.7	1.6	1.9	1.8
62.5°	1.5	1.8	1.7	1.5	1.6	2.2	2.3	2.4	2.2	2.7	4.0
60°	5.8	2.9	6.3	7.4	5.8	5.7	10.0	9.3	3.6	13.2	16.0
57.5°	38.6	35.6	51.1	49.6	29.6	42.4	50.6	33.9	23.5	37.5	45.2
55°	168.8	165.0	160.7	151.4	138.9	129.4	127.5	127.3	101.0	73.3	83.1
52.5°	370.0	329.3	300.3	286.2	265.9	235.3	210.6	205.8	199.6	165.2	136.4
50°	475.2	467.9	436.5	388.2	383.7	353.0	310.2	280.7	276.9	253.3	209.8
47.5°	682.9	682.8	618.3	559.5	542.4	515.6	461.4	381.7	374.5	354.4	305.9
45°	1106.5	1029.6	993.7	880.4	757.3	709.8	664.6	568.7	490.4	459.6	425.4
42.5°	1499.2	1384.9	1290.4	1176.9	1041.3	922.5	837.7	732.4	637.7	572.2	523.3
40°	1866.6	1682.4	1551.5	1408.5	1261.0	1113.9	1009.0	876.5	768.6	680.7	629.0
37.5°	2325.9	2072.6	1927.3	1704.8	1518.7	1366.7	1232.4	1063.8	890.5	818.9	754.8
35°	3001.9	2702.0	2532.0	2261.3	1885.3	1750.7	1575.6	1323.2	1103.8	981.2	902.0
32.5°	4214.7	3766.4	3453.4	3091.9	2594.0	2239.8	2007.1	1726.3	1374.9	1198.5	1067.1
30°	5446.5	4840.3	4401.9	4034.7	3373.0	2851.0	2491.9	2094.4	1715.6	1429.3	1250.9
27.5°	6280.8	5685.1	5139.1	4611.8	4075.8	3469.7	2931.9	2421.5	2007.4	1687.2	1456.6
25°	7012.9	6339.1	5724.2	5152.8	4580.1	3991.0	3339.7	2766.2	2280.0	1913.6	1612.8
22.5°	7737.7	7021.2	6324.4	5659.8	5078.6	4448.4	3760.3	3100.4	2541.6	2162.2	1800.7
20°	8559.4	7734.3	6929.9	6301.6	5639.9	4921.1	4155.7	3526.6	2979.1	2459.2	2006.2
17.5°	9735.2	8632.7	7893.8	7186.0	6326.4	5447.8	4783.4	4123.9	3449.7	2773.1	2221.7
15°	11328.0	10189.1	9342.4	8372.6	7192.0	6284.9	5554.3	4753.4	3954.8	3144.6	2478.4
12.5°	13221.7	11840.0	10842.7	9461.9	8133.3	7152.1	6325.7	5429.4	4448.4	3480.4	2717.0
10°	14413.4	12923.9	11503.7	10177.7	8965.3	7954.7	6917.1	5822.4	4731.3	3733.8	2923.5
7.5°	15046.4	13458.9	11993.2	10667.3	9430.2	8260.4	7155.2	6052.9	4958.8	3931.7	3097.9
5°	15467.2	13856.0	12325.4	10908.1	9643.1	8465.6	7333.1	6209.0	5130.0	4077.6	3240.6
2.5°	15777.5	14114.5	12538.5	11047.8	9761.8	8589.3	7446.2	6300.0	5219.4	4155.9	3290.4
0°	15931.2	14196.3	12616.6	11140.9	9816.8	8616.2	7489.6	6333.0	5239.9	4189.1	3311.1
-2.5°	15900.3	14144.5	12550.0	11138.1	9820.4	8591.2	7495.4	6350.9	5245.6	4214.0	3325.7
-5°	15736.8	14056.3	12473.9	11059.9	9762.2	8531.9	7436.6	6312.0	5204.4	4194.1	3311.7
-7.5°	15405.5	13791.5	12256.5	10880.7	9612.7	8409.6	7317.3	6216.7	5121.1	4125.8	3270.4
-10°	14907.4	13368.4	11908.4	10606.6	9371.1	8209.7	7140.3	6055.6	4983.5	4013.4	3198.8
-12.5°	14290.8	12837.7	11445.6	10233.9	9054.4	7945.3	6900.7	5828.6	4792.3	3857.3	3096.7
-15°	13537.2	12233.0	10974.2	9799.0	8683.7	7609.7	6589.5	5545.9	4549.3	3656.4	2964.1
-17.5°	12772.9	11562.2	10381.2	9266.2	8232.2	7212.3	6222.8	5231.6	4278.0	3439.7	2809.0
-20°	11922.1	10804.1	9711.8	8700.1	7736.2	6767.4	5814.1	4860.8	3967.3	3236.8	2671.6



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10998.8	10000.2	9011.2	8099.0	7196.9	6268.3	5355.8	4455.9	3608.3	3009.3	2515.9
-25°	10063.8	9156.9	8270.6	7431.0	6585.2	5708.4	4865.2	4043.6	3342.8	2794.6	2347.7
-27.5°	9125.1	8304.1	7486.2	6710.1	5913.9	5141.3	4370.8	3626.1	3055.4	2589.2	2190.9
-30°	8197.4	7455.4	6707.0	5965.9	5245.5	4540.0	3851.2	3287.1	2791.0	2369.8	2015.6
-32.5°	7241.4	6596.1	5914.2	5219.5	4565.5	3942.6	3419.4	2943.9	2515.2	2167.6	1859.5
-35°	6311.9	5718.2	5090.7	4493.9	3915.1	3448.6	3005.4	2616.7	2273.7	1966.0	1703.9
-37.5°	5362.8	4827.0	4308.2	3807.9	3394.6	3000.1	2649.6	2332.1	2035.9	1791.1	1565.5
-40°	4468.5	4002.0	3629.3	3261.2	2933.6	2618.4	2341.6	2068.9	1840.1	1624.7	1430.5
-42.5°	3703.0	3375.5	3075.9	2798.2	2529.5	2296.7	2063.2	1850.9	1651.2	1470.7	1309.4
-45°	3084.0	2850.1	2606.4	2402.5	2194.9	2009.4	1822.8	1648.0	1480.2	1332.9	1189.8
-47.5°	2593.8	2419.7	2236.3	2072.5	1917.2	1758.1	1612.7	1462.0	1331.9	1200.7	1081.4
-50°	2193.7	2065.0	1930.8	1798.4	1676.3	1546.4	1425.9	1307.3	1192.8	1084.0	975.4
-52.5°	1864.0	1770.8	1671.4	1566.1	1468.9	1367.7	1262.4	1167.0	1068.4	972.5	877.6
-55°	1602.5	1528.2	1452.9	1373.3	1292.1	1209.2	1123.2	1037.5	952.6	865.3	793.6
-57.5°	1387.8	1325.3	1265.4	1202.2	1135.9	1065.7	992.4	915.9	846.4	780.4	715.4
-60°	1199.7	1147.0	1099.2	1048.2	994.1	933.3	873.5	813.4	753.1	695.8	640.0
-62.5°	1029.7	992.3	949.2	905.8	863.0	818.2	764.5	711.5	660.5	611.2	565.2
-65°	865.0	833.1	799.7	768.7	734.3	696.1	650.7	609.2	569.2	528.6	490.6
-67.5°	719.1	694.5	667.8	640.1	612.8	582.2	548.8	514.3	482.2	449.1	420.6
-70°	598.9	581.1	560.3	535.6	510.8	485.8	460.2	433.2	403.9	374.2	351.3
-72.5°	498.9	485.8	469.5	449.0	427.1	405.1	382.5	358.4	332.6	305.0	283.1
-75°	412.0	402.3	389.8	371.7	352.3	331.8	311.8	289.9	264.9	236.6	214.4
-77.5°	331.0	324.8	316.9	302.0	286.9	271.7	254.1	228.5	203.2	179.1	162.7
-80°	248.2	245.5	240.8	228.3	215.6	202.7	188.6	169.1	150.5	133.2	119.8
-82.5°	163.7	160.8	156.8	149.2	141.8	134.7	127.4	114.3	101.4	88.9	78.1
-85°	82.9	80.5	78.0	76.8	75.3	73.6	71.4	63.9	56.7	49.9	43.8
-87.5°	24.0	24.0	23.9	24.2	24.4	24.5	24.6	22.7	20.9	19.2	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



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.8	1.8	1.8
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	2.2	2.3	1.8	1.8
65°	1.8	1.8	1.9	2.6	2.5	1.8	1.8	3.4	2.9	2.6	1.8
62.5°	3.5	1.8	4.6	6.2	4.0	3.2	2.6	7.4	4.8	3.4	2.4
60°	8.0	6.5	12.3	18.8	13.6	5.3	7.8	12.6	11.7	4.3	3.4
57.5°	40.8	18.6	27.5	35.9	34.2	19.2	15.6	21.6	19.7	11.5	4.6
55°	84.6	72.0	57.3	56.9	57.6	45.6	32.5	33.5	29.7	21.1	6.7
52.5°	128.7	124.7	111.0	90.4	83.0	75.1	61.4	47.5	44.0	31.5	16.6
50°	183.5	173.4	162.6	141.5	114.7	104.2	90.1	72.5	59.9	44.0	27.4
47.5°	246.1	228.7	212.3	191.9	162.5	134.9	119.2	98.3	77.4	60.4	38.4
45°	343.8	287.1	265.0	241.3	211.2	176.6	149.5	123.9	100.3	76.9	49.4
42.5°	444.2	365.3	319.1	292.4	260.8	221.9	181.0	152.2	122.9	93.3	62.4
40°	545.3	447.6	377.5	344.2	312.1	267.0	221.1	181.8	145.0	110.4	76.7
37.5°	654.5	539.7	444.9	398.1	364.3	315.5	261.9	212.0	167.7	128.9	90.7
35°	790.4	648.9	518.2	460.4	415.0	365.0	302.2	244.9	194.8	147.5	104.6
32.5°	943.2	769.4	623.3	528.4	466.5	415.4	345.1	281.9	222.6	166.1	118.2
30°	1095.2	893.5	722.9	595.7	521.4	462.6	390.9	319.1	251.0	184.7	132.1
27.5°	1211.2	1000.6	816.3	676.6	582.0	509.6	436.5	356.6	279.9	205.1	147.2
25°	1329.7	1099.7	906.8	755.7	641.5	557.5	480.4	394.0	310.6	228.7	162.1
22.5°	1468.1	1193.9	983.2	827.2	704.5	606.2	522.2	431.9	341.7	251.9	176.5
20°	1603.5	1280.7	1053.5	910.7	773.3	660.5	563.3	468.1	372.1	274.8	190.5
17.5°	1742.3	1402.6	1170.2	997.1	844.4	714.2	603.8	502.4	401.6	297.1	203.9
15°	1951.4	1565.7	1287.8	1082.4	913.1	766.8	643.5	534.7	430.1	318.7	215.8
12.5°	2148.5	1719.1	1401.9	1165.8	979.1	817.8	682.0	564.9	457.3	336.5	225.7
10°	2322.8	1861.9	1511.2	1246.3	1041.8	866.8	719.0	588.7	473.4	350.8	234.6
7.5°	2474.4	1993.0	1614.3	1322.8	1095.2	899.9	737.8	601.1	485.6	363.3	242.4
5°	2590.4	2082.2	1671.0	1353.4	1115.3	915.1	751.2	611.1	495.3	374.0	249.1
2.5°	2628.7	2111.9	1693.4	1370.6	1129.9	926.0	761.6	618.8	502.7	382.8	254.7
0°	2646.4	2126.3	1704.9	1380.5	1138.9	932.7	768.7	624.1	507.8	389.6	259.2
-2.5°	2665.9	2145.9	1721.1	1395.8	1148.4	941.8	776.3	632.4	515.1	397.2	266.7
-5°	2664.4	2149.5	1726.3	1403.2	1152.1	946.7	780.6	638.3	520.4	402.8	272.9
-7.5°	2636.3	2132.8	1719.6	1401.7	1150.1	947.3	781.8	641.8	523.6	406.3	277.8
-10°	2585.9	2098.2	1700.3	1389.0	1142.5	943.1	779.9	642.8	524.9	407.8	281.3
-12.5°	2515.0	2049.0	1669.1	1368.3	1128.9	934.3	774.2	639.8	524.1	407.4	283.3
-15°	2423.8	1985.6	1626.0	1339.5	1109.3	921.1	765.0	633.6	519.6	404.4	283.7
-17.5°	2313.6	1908.6	1571.1	1302.9	1083.5	903.7	752.4	625.0	513.4	399.2	283.1
-20°	2211.3	1827.6	1507.7	1258.4	1051.8	882.0	736.4	614.0	505.6	392.6	281.8



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°
-22.5°	2096.9	1743.4	1451.5	1215.8	1018.1	856.1	716.8	600.7	496.4	384.9	279.3
-25°	1966.0	1648.0	1387.4	1168.3	985.4	831.3	696.8	585.1	485.8	376.1	275.5
-27.5°	1842.9	1549.6	1315.4	1113.6	947.6	802.8	677.0	570.6	473.6	366.3	270.7
-30°	1717.4	1463.9	1246.5	1056.3	905.9	771.0	654.7	555.1	459.9	357.6	264.7
-32.5°	1589.8	1370.5	1172.6	1006.7	865.5	736.8	630.3	538.5	445.5	349.1	259.7
-35°	1480.2	1278.7	1093.3	953.2	824.1	707.7	606.1	520.8	430.7	339.5	254.3
-37.5°	1363.5	1185.4	1031.6	900.2	779.7	675.9	582.8	500.0	415.4	328.7	247.7
-40°	1259.0	1098.5	965.1	848.9	739.8	641.5	556.8	477.8	401.2	316.8	240.0
-42.5°	1152.6	1019.5	900.3	793.6	699.6	610.0	528.5	454.1	382.7	305.8	231.3
-45°	1059.4	938.5	833.2	743.5	657.7	575.7	500.8	429.6	363.0	294.5	222.1
-47.5°	963.1	860.5	770.7	691.2	616.4	540.0	471.7	406.8	342.5	281.8	212.8
-50°	873.3	786.6	711.8	640.6	570.8	506.7	442.5	383.4	323.9	265.2	202.3
-52.5°	793.4	721.1	654.6	589.7	529.9	471.9	416.4	359.6	304.4	248.8	190.7
-55°	722.8	658.3	598.5	542.4	488.8	440.8	389.7	337.2	284.1	231.8	178.3
-57.5°	655.2	597.1	546.3	496.3	450.6	408.9	363.6	313.9	263.6	213.9	167.2
-60°	587.1	540.4	495.2	453.3	413.8	376.0	337.5	290.0	242.4	195.6	153.9
-62.5°	522.0	482.8	448.0	411.1	375.0	341.7	310.5	265.3	220.4	177.4	139.1
-65°	458.1	428.1	400.0	365.4	333.9	306.1	280.2	239.6	197.1	158.1	123.7
-67.5°	394.8	370.1	344.9	316.9	293.5	270.8	247.9	211.2	172.6	137.8	108.0
-70°	330.8	309.9	291.9	274.1	254.7	234.8	211.9	180.6	146.8	118.5	91.9
-72.5°	268.2	255.4	244.7	232.1	215.7	196.8	175.3	149.8	123.5	98.7	75.2
-75°	206.6	203.9	200.7	192.6	176.8	159.1	141.8	122.2	99.6	78.3	61.3
-77.5°	162.7	161.6	159.4	153.7	140.0	125.5	110.5	94.0	76.9	62.1	48.2
-80°	120.5	120.4	119.3	115.9	104.1	91.8	81.4	70.8	58.2	46.2	34.8
-82.5°	79.2	80.4	81.0	79.9	71.9	64.1	56.5	49.0	39.3	30.0	23.2
-85°	45.2	46.1	46.3	45.7	40.8	36.1	32.9	29.7	24.5	19.8	15.6
-87.5°	18.8	19.8	20.7	21.2	19.6	18.1	16.5	14.9	12.3	9.9	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-WR-VSR-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.4	0.0
75°	1.8	1.8	1.8	1.4	0.9	0.5	0.0
72.5°	1.8	1.8	1.8	1.6	1.1	0.5	0.0
70°	1.8	1.8	1.8	1.8	1.2	0.6	0.0
67.5°	2.0	1.8	1.8	1.8	1.4	0.7	0.0
65°	2.2	2.0	1.8	1.8	1.5	0.8	0.0
62.5°	2.4	2.4	1.8	1.8	1.7	0.8	0.0
60°	2.8	2.9	1.8	1.8	1.8	0.9	0.0
57.5°	4.8	3.4	2.3	1.8	1.8	1.0	0.0
55°	7.3	3.9	2.8	1.8	1.8	1.0	0.0
52.5°	10.2	4.9	3.4	1.8	1.9	1.1	0.0
50°	13.5	8.0	4.0	1.8	1.9	1.2	0.0
47.5°	18.0	11.2	4.6	1.9	2.0	1.2	0.0
45°	27.5	14.7	5.2	2.4	2.0	1.3	0.0
42.5°	37.0	18.4	5.9	2.9	2.1	1.3	0.0
40°	46.5	22.2	7.7	3.5	2.1	1.4	0.0
37.5°	55.9	26.3	10.8	4.3	2.2	1.4	0.0
35°	65.2	32.6	13.8	5.1	2.3	1.5	0.0
32.5°	75.0	40.0	16.9	6.0	2.3	1.5	0.0
30°	86.0	47.1	20.0	6.9	2.4	1.6	0.0
27.5°	96.7	54.1	23.6	7.9	2.5	1.6	0.0
25°	107.0	60.8	27.1	9.0	2.6	1.6	0.0
22.5°	116.9	67.3	30.6	10.1	2.7	1.7	0.0
20°	126.3	73.7	33.9	11.2	2.8	1.7	0.0
17.5°	135.0	79.6	37.1	12.3	2.9	1.7	0.0
15°	143.0	85.2	40.2	13.4	3.0	1.7	0.0
12.5°	150.3	90.4	43.1	14.5	3.1	1.8	0.0
10°	157.0	95.1	45.9	15.6	3.2	1.8	0.0
7.5°	162.9	99.4	48.4	16.6	3.3	1.8	0.0
5°	168.1	103.2	50.8	17.6	3.3	1.8	0.0
2.5°	172.6	106.5	52.9	18.5	3.4	1.8	0.0
0°	176.3	109.3	54.7	19.4	3.5	1.8	0.0
-2.5°	181.1	112.7	57.2	20.6	4.0	1.9	0.0
-5°	185.1	115.6	59.4	21.8	4.6	2.0	0.0
-7.5°	188.2	118.0	61.3	22.8	5.1	2.1	0.0
-10°	190.5	119.7	62.8	23.7	5.6	2.2	0.0
-12.5°	191.8	120.9	64.0	24.4	6.0	2.3	0.0
-15°	192.2	121.4	64.7	25.1	6.5	2.4	0.0
-17.5°	191.6	121.4	65.1	25.5	6.9	2.5	0.0
-20°	191.1	120.7	65.0	25.9	7.3	2.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627852 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	191.2	119.4	64.4	26.0	7.6	2.6	0.0
-25°	190.3	118.9	63.5	26.0	7.9	2.6	0.0
-27.5°	188.5	118.4	62.0	25.8	8.1	2.7	0.0
-30°	185.7	117.1	60.2	25.5	8.3	2.7	0.0
-32.5°	182.0	115.1	59.5	24.9	8.4	2.7	0.0
-35°	178.4	112.4	58.2	24.2	8.5	2.7	0.0
-37.5°	174.4	109.4	56.5	23.3	8.6	2.7	0.0
-40°	169.4	106.7	54.2	22.2	8.5	2.7	0.0
-42.5°	163.4	103.4	52.6	21.2	8.5	2.6	0.0
-45°	156.4	99.3	51.6	20.4	8.3	2.6	0.0
-47.5°	148.5	94.6	50.0	19.3	8.1	2.5	0.0
-50°	141.6	89.3	47.9	18.9	7.9	2.5	0.0
-52.5°	134.1	83.3	45.3	18.7	7.6	2.4	0.0
-55°	125.9	78.4	42.2	18.2	7.2	2.3	0.0
-57.5°	116.8	73.1	38.5	17.4	6.8	2.2	0.0
-60°	107.1	67.0	34.5	16.5	6.4	2.0	0.0
-62.5°	97.8	60.3	32.2	15.3	6.0	1.9	0.0
-65°	87.5	52.9	29.4	14.0	5.6	1.8	0.0
-67.5°	76.3	46.3	26.3	12.4	5.1	1.6	0.0
-70°	64.3	40.6	22.9	10.7	4.6	1.5	0.0
-72.5°	54.6	34.5	19.2	9.5	4.1	1.3	0.0
-75°	44.9	27.9	15.2	8.2	3.6	1.1	0.0
-77.5°	34.6	21.0	12.6	7.0	3.0	0.9	0.0
-80°	23.9	16.1	10.2	5.6	2.4	0.8	0.0
-82.5°	17.6	12.2	7.7	4.3	1.8	0.6	0.0
-85°	11.8	8.2	5.2	2.9	1.2	0.4	0.0
-87.5°	5.9	4.1	2.6	1.4	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)