

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: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627850 (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: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA6C-722-U-VWR-VSR-XX
 Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (96) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

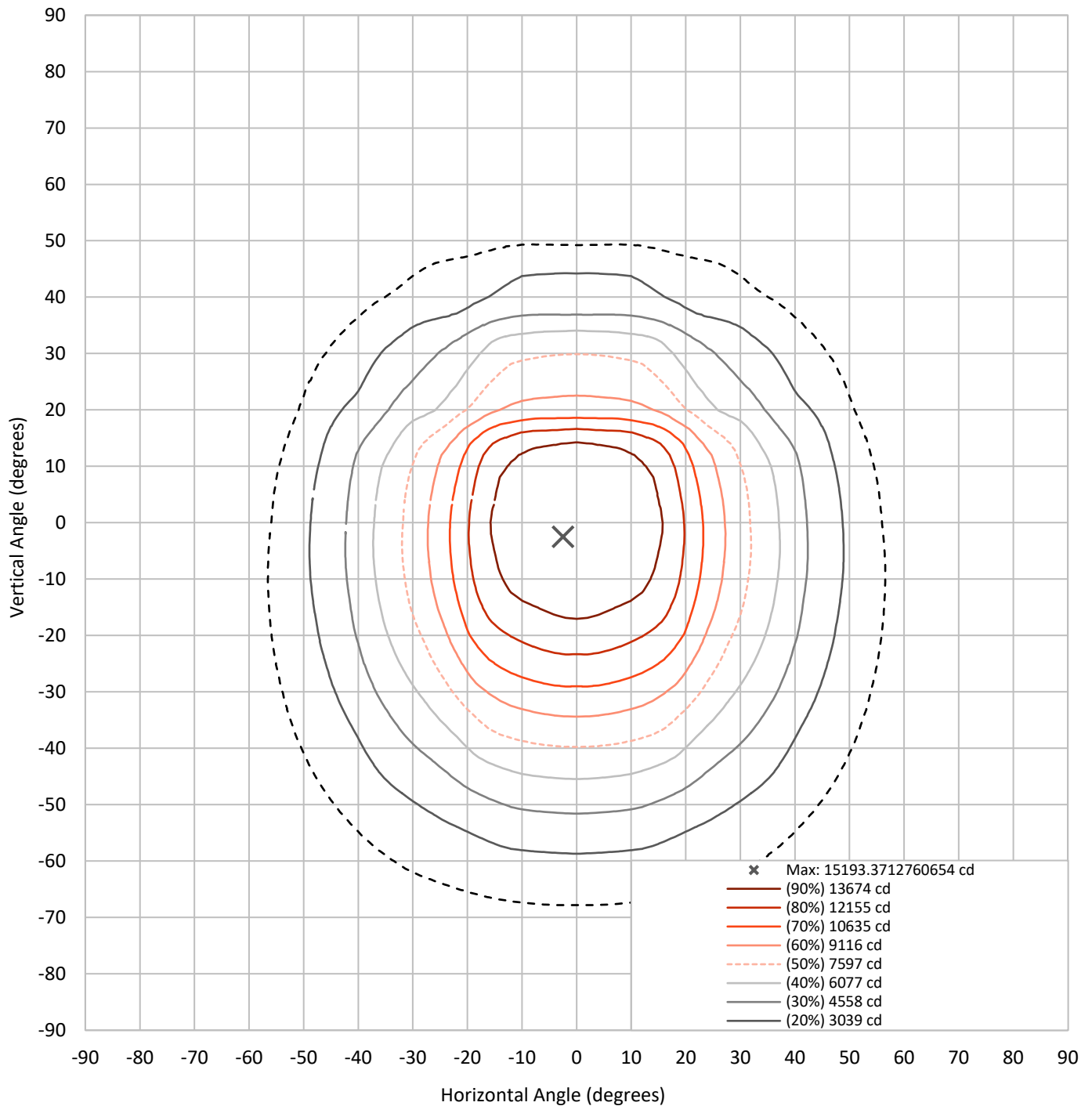
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20276 lumens	Max Intensity:	15193.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	81.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	11731 lumens	Field Lumens:	19240.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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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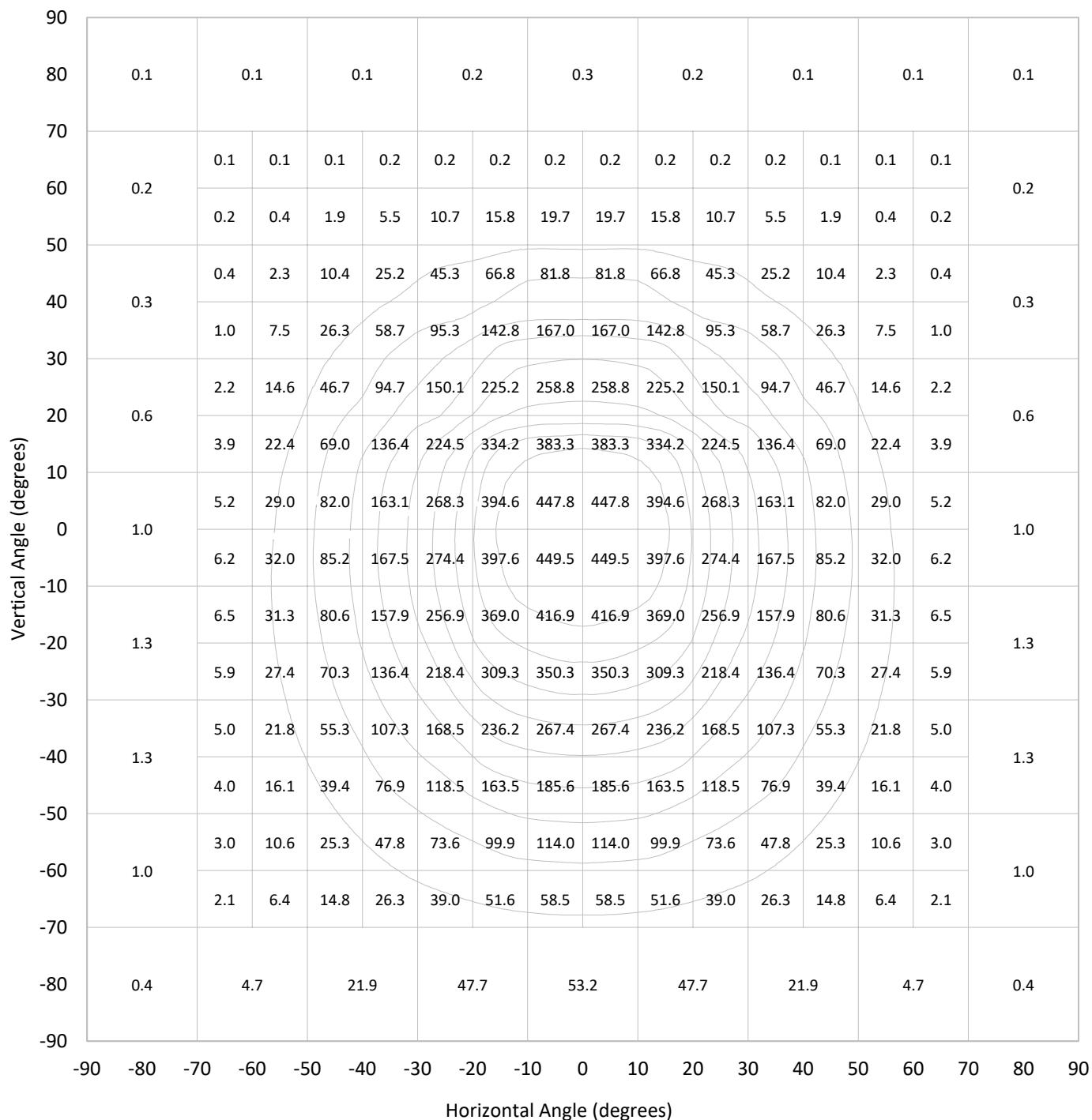
Iso-Candela Plot





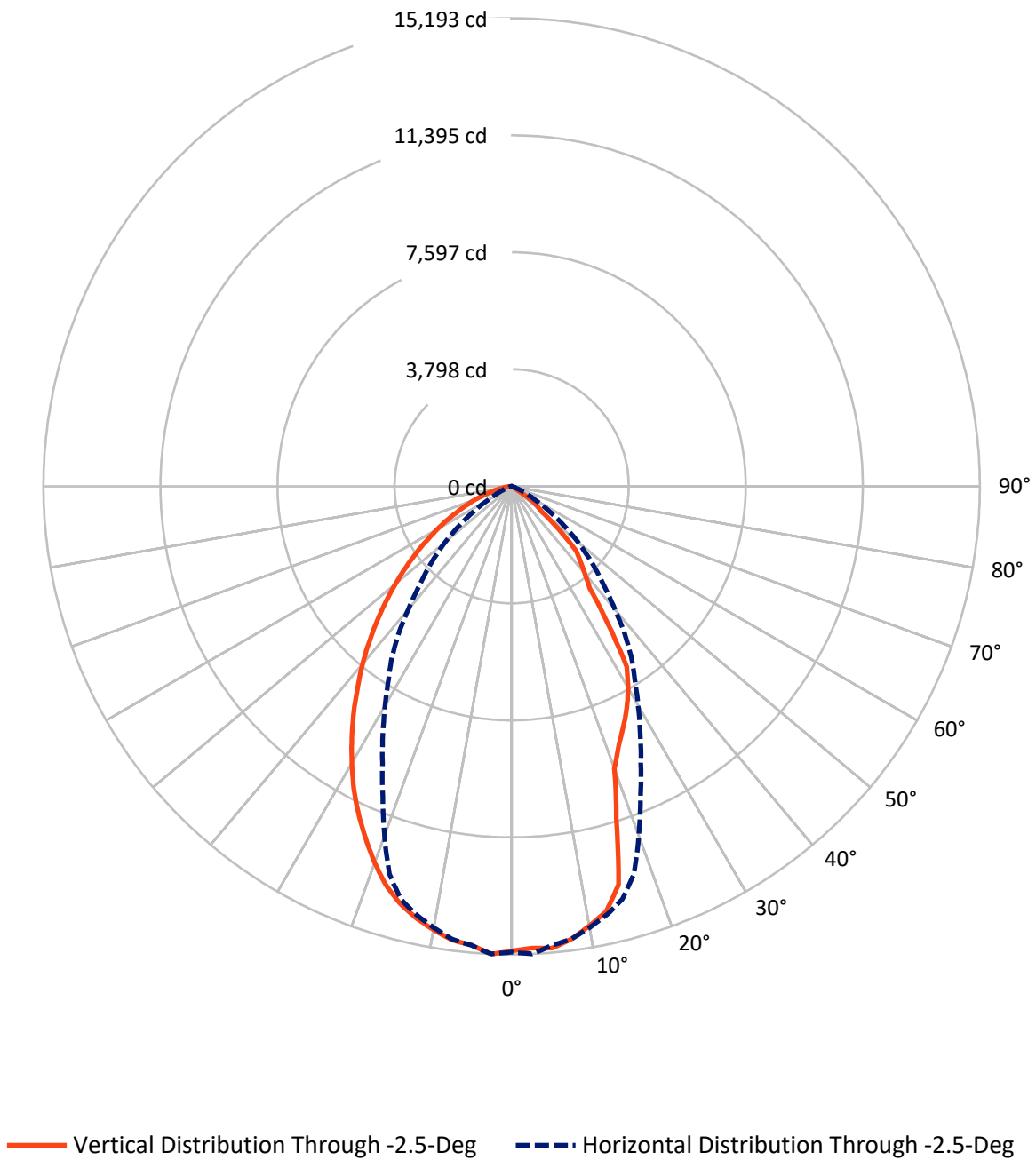
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Lumen Table



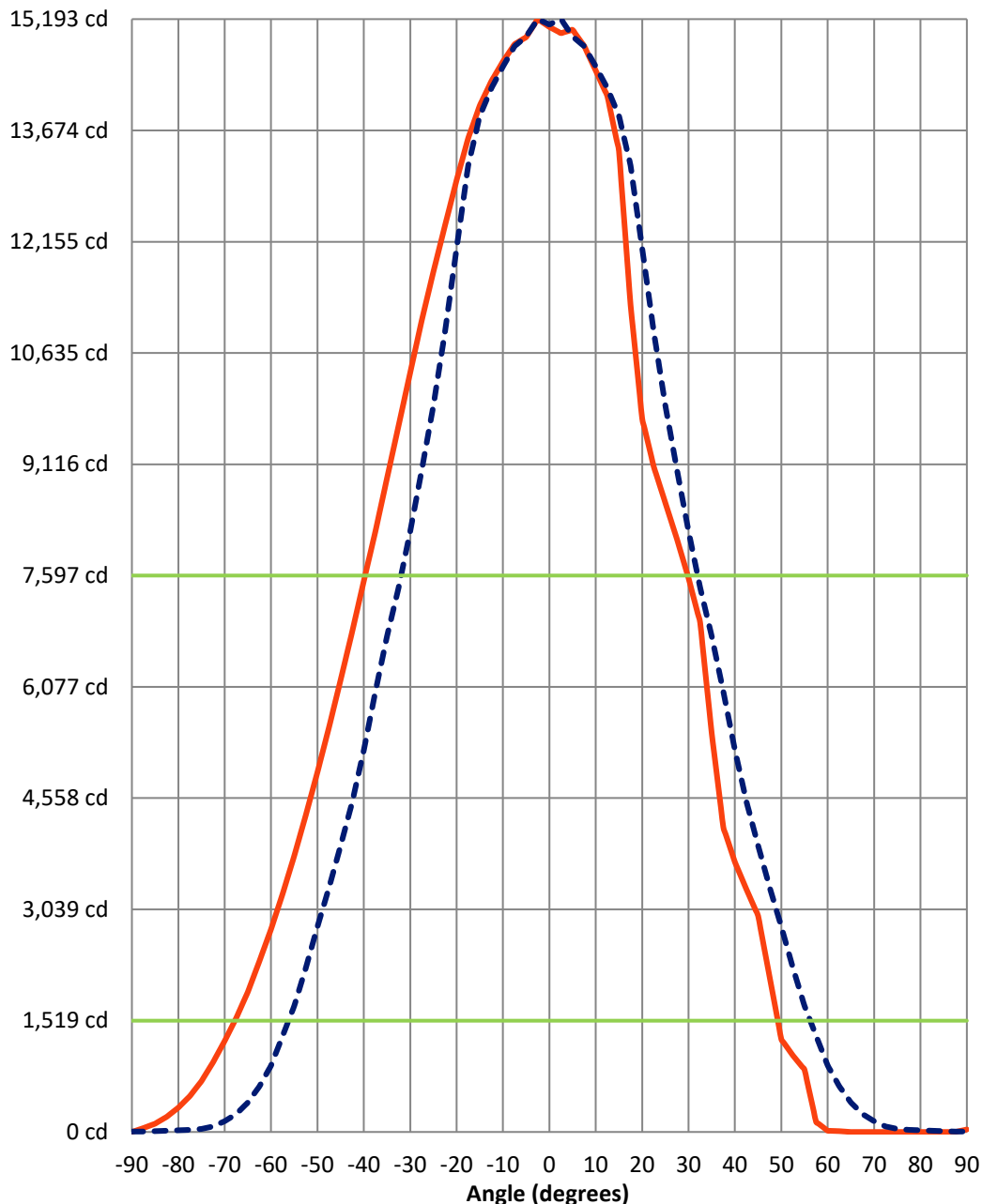
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 11731
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 19240.6
 Efficiency: 94.9%

Spill:
 Lumens: 1035.4
 Efficiency: 5.1%

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

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Scaled Data Report



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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°	5.7	5.7	5.7	7.1	8.5	9.9	11.3	12.7	14.2	15.6	17.0
87.5°	5.7	5.7	5.7	5.5	5.2	4.8	4.2	3.0	1.9	0.9	0.0
85°	5.7	5.7	5.7	5.3	4.7	3.9	2.8	1.7	0.9	0.3	0.0
82.5°	5.7	5.7	5.7	5.2	4.2	3.0	1.3	0.4	0.1	0.8	1.5
80°	5.7	5.7	5.7	5.0	3.8	2.1	0.3	1.1	2.1	3.0	3.9
77.5°	5.7	5.7	5.7	4.8	3.4	1.9	1.8	2.8	4.0	5.1	5.2
75°	5.7	5.7	5.7	4.7	3.1	2.8	3.2	4.5	5.6	4.6	3.0
72.5°	5.7	5.7	5.7	4.6	3.6	3.7	4.6	5.6	4.8	3.3	1.0
70°	5.7	5.7	5.7	4.6	4.1	4.5	5.7	5.4	4.2	2.2	2.6
67.5°	5.7	5.7	5.7	4.8	4.5	5.3	5.9	5.2	3.7	4.4	5.1
65°	5.7	5.7	5.7	4.9	5.0	5.9	6.1	5.2	5.7	6.6	7.0
62.5°	5.7	5.7	5.7	5.1	5.3	6.3	6.4	6.4	7.6	8.6	7.8
60°	5.7	5.7	5.7	5.3	5.7	6.8	6.8	8.1	9.6	9.9	8.9
57.5°	5.7	5.7	5.8	5.4	6.2	7.4	8.1	9.8	11.2	11.4	11.1
55°	5.7	5.7	5.8	5.5	6.8	7.9	9.5	11.4	12.9	13.2	13.8
52.5°	5.7	5.7	5.9	5.6	7.4	8.7	10.9	13.1	14.8	15.6	16.4
50°	5.7	5.7	6.1	5.7	8.0	9.8	12.3	14.7	16.8	18.0	19.1
47.5°	5.7	5.7	6.2	5.8	8.7	11.0	13.6	16.3	18.9	20.4	21.8
45°	5.7	5.7	6.4	6.3	9.3	12.1	15.0	17.9	20.9	22.8	24.4
42.5°	5.7	5.7	6.6	6.9	10.0	13.1	16.3	19.6	23.0	25.1	29.7
40°	5.7	5.7	6.8	7.5	10.8	14.2	17.6	21.5	25.3	27.5	35.4
37.5°	5.7	5.7	7.0	8.3	11.6	15.2	18.8	23.5	27.7	31.3	41.2
35°	5.7	5.7	7.2	9.0	12.4	16.2	20.0	25.6	30.2	38.4	52.5
32.5°	5.7	5.7	7.5	9.7	13.2	17.2	21.3	27.7	32.8	46.8	74.9
30°	5.7	5.7	7.7	10.4	13.9	18.1	23.0	29.9	35.5	56.3	96.6
27.5°	5.7	5.7	8.0	11.1	14.8	19.0	24.7	32.1	40.2	66.9	117.7
25°	5.7	5.7	8.3	11.8	15.7	19.8	26.3	34.3	48.4	82.5	138.3
22.5°	5.7	5.7	8.6	12.4	16.5	20.7	28.0	36.5	57.0	99.5	165.7
20°	5.7	5.7	8.9	13.0	17.4	21.7	29.6	38.8	66.0	115.7	192.8
17.5°	5.7	5.7	9.2	13.6	18.2	22.7	31.2	41.0	75.1	131.0	219.4
15°	5.7	5.7	9.6	14.2	18.9	23.7	32.8	43.8	84.3	145.3	245.3
12.5°	5.7	5.7	9.9	14.7	19.7	24.6	34.3	47.8	94.5	158.5	270.2
10°	5.7	5.7	10.2	15.2	20.4	25.4	35.6	51.9	105.3	173.9	295.0
7.5°	5.7	5.7	10.5	15.7	21.0	26.3	36.8	56.1	115.6	188.9	321.2
5°	5.7	5.7	10.8	16.2	21.6	27.0	37.9	60.3	125.2	202.9	345.3
2.5°	5.7	5.7	11.0	16.6	22.2	27.7	38.9	64.3	134.0	215.6	366.9
0°	5.7	5.7	11.3	17.0	22.7	28.4	39.7	68.1	141.8	226.9	385.7
-2.5°	5.7	5.7	11.3	17.0	23.2	29.0	41.9	75.0	147.4	244.8	402.6
-5°	5.7	5.7	11.3	16.9	23.6	29.5	43.9	81.3	151.9	260.5	416.4
-7.5°	5.7	5.7	11.2	16.9	24.0	30.0	45.7	86.9	155.5	273.3	427.2
-10°	5.7	5.7	11.1	16.7	24.2	30.4	47.1	91.4	158.1	282.6	435.2
-12.5°	5.7	5.7	11.0	16.6	24.4	30.8	48.2	94.8	159.9	287.4	441.3
-15°	5.7	5.7	10.9	16.4	24.5	31.1	48.9	96.9	163.2	286.9	443.6
-17.5°	5.7	5.7	10.8	16.2	24.4	31.4	49.2	99.0	168.1	284.0	440.9
-20°	5.7	5.7	10.6	16.0	24.3	31.5	50.4	101.0	171.3	278.8	432.7



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.7	5.7	10.4	15.7	24.0	31.7	53.7	101.9	172.7	271.3	419.0
-25°	5.7	5.7	10.2	15.4	23.6	33.8	56.3	101.6	172.2	261.7	399.4
-27.5°	5.7	5.7	10.0	15.1	23.0	36.4	58.4	100.1	169.8	253.5	385.0
-30°	5.7	5.7	9.8	14.7	22.4	38.7	59.8	97.3	166.6	249.8	368.9
-32.5°	5.7	5.7	9.5	14.3	23.2	40.6	60.6	97.4	162.5	243.6	350.7
-35°	5.7	5.7	9.3	13.9	23.8	42.0	62.2	98.0	156.9	234.8	330.5
-37.5°	5.7	5.7	9.0	13.5	24.2	43.0	63.9	97.6	149.6	223.4	321.5
-40°	5.7	5.7	8.7	13.0	24.4	43.3	64.9	96.3	140.8	212.5	311.4
-42.5°	5.7	5.7	8.4	12.7	24.6	43.3	65.3	94.1	135.7	203.7	296.0
-45°	5.7	5.7	8.0	12.8	24.7	43.0	64.9	92.1	132.1	192.8	276.6
-47.5°	5.7	5.7	7.7	12.7	24.5	42.3	64.0	90.7	127.3	179.8	261.2
-50°	5.7	5.7	7.3	12.5	24.1	41.4	62.6	88.5	123.6	175.1	243.0
-52.5°	5.7	5.7	6.9	12.3	23.3	40.1	60.9	85.4	120.4	168.9	223.5
-55°	5.7	5.7	6.5	12.0	22.3	38.4	58.7	81.6	116.5	161.3	214.1
-57.5°	5.7	5.7	6.1	11.5	21.1	36.3	56.1	78.1	111.0	153.2	203.1
-60°	5.7	5.7	5.7	11.0	19.6	33.8	53.0	74.3	104.0	143.7	190.4
-62.5°	5.7	5.7	5.7	10.4	18.5	31.0	48.7	69.2	95.4	132.3	175.6
-65°	5.7	5.7	5.7	9.8	17.3	27.7	43.9	62.7	85.0	117.4	158.7
-67.5°	5.7	5.7	5.7	9.0	16.0	24.9	38.6	55.0	72.9	100.0	136.4
-70°	5.7	5.7	5.7	8.2	14.5	22.6	32.9	46.9	62.4	80.6	110.2
-72.5°	5.7	5.7	5.7	8.0	13.0	20.2	29.0	38.3	51.5	66.9	84.3
-75°	5.7	5.7	5.7	8.0	11.3	17.6	25.3	32.3	40.1	52.7	67.1
-77.5°	5.7	5.7	5.7	7.9	10.7	14.9	21.3	27.2	33.3	39.9	49.2
-80°	5.7	5.7	5.7	7.7	10.3	13.4	17.3	21.9	26.8	32.2	37.9
-82.5°	5.7	5.7	5.7	7.6	9.9	12.6	15.6	17.8	20.2	24.3	28.6
-85°	5.7	5.7	5.7	7.5	9.5	11.7	14.2	16.1	18.0	19.9	21.8
-87.5°	5.7	5.7	5.7	7.3	9.0	10.8	12.8	14.4	16.1	17.7	19.4
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	4.3	2.8	1.4	0.0



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	18.4	19.9	21.3
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.7	1.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.8	3.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.2	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	1.6	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.2	3.5	2.3	0.9	0.0	0.3	0.8	0.6	0.0	0.3	0.7
67.5°	5.3	3.9	2.6	1.6	2.1	2.9	2.7	2.9	3.1	3.4	2.9
65°	5.6	4.2	4.3	5.0	5.6	6.1	6.6	7.0	5.9	5.1	5.3
62.5°	5.9	6.4	7.4	8.3	9.1	9.8	9.9	8.8	6.7	8.4	9.6
60°	8.4	9.2	10.4	11.6	12.7	13.3	12.7	12.9	14.3	16.6	31.9
57.5°	11.4	12.1	13.5	15.3	16.9	17.2	17.7	19.2	44.9	73.4	81.1
55°	14.3	14.9	17.3	20.1	21.8	21.7	31.1	65.6	99.0	137.1	151.2
52.5°	17.2	18.5	22.6	25.9	28.1	43.8	78.8	125.6	174.9	218.7	275.3
50°	20.2	24.3	28.5	33.5	53.4	94.2	145.5	209.3	283.6	353.6	425.3
47.5°	25.3	30.4	36.9	52.8	105.2	161.9	232.8	335.6	427.3	511.9	610.2
45°	31.2	42.0	49.1	104.5	165.4	238.6	358.7	484.3	567.4	680.8	854.7
42.5°	37.4	58.1	93.7	157.9	232.1	350.1	499.0	606.1	716.7	900.4	1083.3
40°	53.8	77.8	141.4	217.7	311.7	483.8	636.6	757.8	909.0	1112.6	1303.5
37.5°	73.7	118.8	190.0	281.5	436.7	625.3	788.9	962.1	1135.8	1327.9	1681.9
35°	95.8	156.8	251.6	375.0	561.7	782.1	977.3	1170.8	1371.0	1749.1	2100.4
32.5°	124.6	191.8	316.0	483.8	696.9	938.8	1165.4	1389.1	1710.1	2137.9	2490.6
30°	155.7	248.0	390.1	584.5	824.1	1082.3	1354.7	1625.5	2050.4	2404.5	2787.3
27.5°	188.1	307.4	477.0	689.6	943.2	1217.7	1525.2	1911.4	2290.4	2640.2	3060.9
25°	221.4	369.3	556.5	790.2	1060.5	1364.1	1717.8	2188.2	2484.6	2871.3	3310.0
22.5°	264.3	428.5	635.2	881.3	1169.1	1514.5	1965.5	2437.9	2786.7	3112.0	3540.6
20°	313.8	495.1	720.8	995.6	1275.6	1661.4	2211.8	2708.7	3119.0	3491.4	3885.1
17.5°	360.1	557.4	812.3	1112.2	1430.4	1849.7	2453.5	3003.4	3455.0	3870.0	4361.5
15°	402.9	615.1	902.0	1222.6	1582.7	2065.3	2670.3	3274.2	3789.9	4256.8	4815.3
12.5°	442.0	667.7	988.4	1325.9	1726.0	2251.3	2852.3	3441.7	4008.5	4616.9	5250.8
10°	477.2	715.1	1070.0	1421.3	1858.9	2408.5	3002.7	3581.5	4153.3	4797.2	5501.4
7.5°	515.1	759.3	1144.1	1507.9	1979.8	2538.4	3122.8	3693.6	4270.3	4941.3	5664.3
5°	550.1	800.1	1202.9	1570.0	2073.3	2639.7	3213.2	3778.7	4359.1	5048.7	5787.6
2.5°	580.8	834.3	1250.9	1618.7	2142.6	2714.3	3271.9	3849.7	4425.0	5136.0	5881.8
0°	606.9	862.1	1287.4	1656.1	2194.9	2767.7	3306.5	3896.4	4463.5	5195.1	5943.8
-2.5°	623.6	907.6	1312.5	1721.3	2240.7	2802.7	3337.5	3909.4	4505.0	5213.8	6013.3
-5°	635.3	944.5	1327.7	1771.6	2270.6	2818.1	3347.7	3899.3	4516.0	5209.1	6023.6
-7.5°	642.1	970.5	1334.8	1800.2	2281.1	2808.9	3330.4	3880.1	4497.9	5191.3	5978.5
-10°	646.0	978.6	1344.4	1791.6	2267.3	2778.5	3292.1	3835.1	4446.5	5133.3	5893.0
-12.5°	656.7	973.4	1342.8	1772.5	2237.4	2732.5	3235.2	3763.7	4360.8	5034.4	5774.7
-15°	659.4	961.7	1326.6	1744.5	2191.9	2672.5	3160.7	3665.9	4255.1	4938.0	5643.9
-17.5°	653.4	944.1	1295.2	1708.7	2130.8	2599.6	3073.0	3577.8	4156.0	4826.8	5506.5
-20°	638.2	921.3	1247.7	1666.3	2058.4	2518.7	2985.2	3485.4	4041.9	4672.6	5352.8



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	613.4	893.6	1196.4	1607.3	1995.8	2425.8	2882.2	3359.5	3899.1	4472.5	5146.1
-25°	587.7	862.4	1156.0	1526.2	1920.5	2317.2	2763.9	3205.5	3731.3	4294.4	4892.2
-27.5°	563.4	818.8	1113.9	1437.3	1831.9	2201.4	2630.1	3060.9	3542.5	4094.5	4644.8
-30°	531.5	771.7	1062.6	1351.8	1725.9	2092.2	2481.0	2904.9	3338.0	3861.8	4403.2
-32.5°	503.4	722.8	1004.1	1286.7	1612.0	1969.3	2320.1	2724.3	3146.9	3593.4	4128.4
-35°	484.6	693.8	942.1	1211.5	1495.8	1835.6	2169.3	2520.4	2929.7	3348.8	3818.5
-37.5°	469.4	660.5	876.9	1133.1	1403.7	1695.4	2007.7	2330.8	2688.0	3110.5	3552.2
-40°	445.4	623.1	828.6	1058.4	1297.2	1562.4	1852.3	2144.7	2454.4	2867.1	3302.9
-42.5°	414.7	586.8	783.0	977.1	1195.3	1437.3	1695.1	1970.4	2268.0	2626.5	3027.2
-45°	391.1	540.4	732.4	906.3	1086.8	1308.2	1550.3	1799.7	2080.3	2388.2	2748.0
-47.5°	361.1	490.0	666.2	828.7	987.8	1176.7	1398.1	1634.2	1882.8	2160.1	2455.0
-50°	329.0	447.9	585.2	743.4	895.1	1052.2	1241.1	1459.4	1685.0	1926.7	2189.8
-52.5°	304.7	398.7	524.0	655.7	800.3	942.8	1103.6	1290.8	1492.3	1694.3	1925.7
-55°	277.1	362.5	465.8	583.8	706.9	838.8	985.2	1149.2	1313.4	1499.0	1683.7
-57.5°	257.7	327.6	417.1	519.7	630.3	742.4	880.6	1019.2	1171.2	1324.8	1478.0
-60°	242.6	297.5	371.8	462.1	560.7	665.5	778.9	906.9	1037.8	1163.2	1295.6
-62.5°	225.3	273.0	331.1	404.8	493.8	585.0	684.8	794.6	913.0	1018.6	1121.2
-65°	202.8	244.4	294.2	354.1	424.1	501.2	586.2	678.7	781.1	866.7	950.6
-67.5°	177.1	212.1	253.9	302.8	361.1	421.3	483.7	561.9	645.0	714.9	783.3
-70°	144.7	177.1	211.3	251.2	296.9	347.9	402.8	459.6	516.5	573.5	636.0
-72.5°	110.8	140.2	169.2	197.7	234.1	275.9	320.7	368.3	417.9	466.7	514.2
-75°	84.5	103.6	128.9	154.6	179.9	207.1	237.4	275.2	321.3	368.7	412.1
-77.5°	63.8	79.8	96.7	114.4	130.3	150.4	172.2	195.8	233.9	277.6	321.7
-80°	46.0	55.7	69.1	83.3	94.5	105.5	117.0	129.0	157.3	192.5	230.1
-82.5°	34.2	40.7	48.2	56.5	62.1	67.6	73.7	81.6	102.6	126.4	151.5
-85°	23.5	25.5	29.5	34.1	37.3	40.5	43.8	47.1	58.4	71.1	84.7
-87.5°	20.3	21.3	22.4	23.5	23.9	24.3	24.7	25.1	28.9	32.9	37.0
-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: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	22.7	24.1	25.6	27.0	28.4	29.8	31.2	32.6	34.0	34.0	34.0
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°	0.5	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.6	2.9	3.0	2.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	6.0	5.7	4.3	2.8	1.4	2.1	3.4	4.1	4.2	3.7	2.9
62.5°	9.0	8.3	7.5	8.6	10.3	11.9	11.4	10.8	10.1	9.6	9.9
60°	33.5	22.3	25.8	32.4	30.3	20.8	34.2	38.7	33.0	22.6	21.8
57.5°	85.0	82.0	94.0	137.3	151.1	137.7	164.6	199.8	198.7	171.1	170.2
55°	181.1	243.0	317.7	329.8	381.8	486.0	567.1	531.6	531.3	558.1	644.3
52.5°	344.0	402.4	424.2	482.2	590.9	669.8	720.5	772.9	830.4	889.1	948.5
50°	504.9	561.6	625.9	685.4	835.8	916.8	903.3	1011.9	1151.0	1237.9	1282.5
47.5°	740.5	829.9	966.0	1179.2	1291.5	1372.6	1473.6	1596.7	1756.0	1972.0	2138.5
45°	1018.1	1158.6	1369.2	1595.7	1769.9	1849.2	1964.7	2155.3	2409.4	2656.7	2837.3
42.5°	1244.9	1437.7	1675.2	1891.6	2033.7	2164.0	2313.6	2474.3	2765.3	3029.5	3238.3
40°	1540.9	1691.1	1957.5	2161.5	2288.7	2418.0	2654.9	2895.5	3169.2	3415.3	3586.3
37.5°	1916.1	2085.1	2362.2	2592.9	2715.4	2761.1	3164.1	3499.0	3721.3	4035.6	4138.3
35°	2319.1	2597.3	2950.4	3249.6	3369.7	3609.3	4024.5	4491.8	4998.1	5184.3	5343.0
32.5°	2768.8	3112.0	3591.1	3912.2	4083.5	4447.2	4972.7	5471.4	6133.5	6492.8	6600.2
30°	3180.1	3573.9	3985.8	4297.8	4590.8	5028.8	5508.0	6123.0	6735.1	7194.6	7337.2
27.5°	3482.0	3917.8	4313.7	4605.9	4936.5	5408.8	6006.2	6629.0	7229.9	7698.7	7865.2
25°	3770.1	4262.7	4576.2	4915.9	5304.1	5818.9	6481.0	7173.0	7764.8	8160.9	8365.2
22.5°	4097.9	4583.6	4920.1	5207.9	5715.5	6308.6	6923.2	7705.1	8332.1	8648.2	8869.7
20°	4436.1	4985.7	5505.6	5773.2	6212.4	6963.4	7651.4	8389.6	8995.1	9324.5	9557.7
17.5°	4908.2	5608.5	6246.1	6625.1	7095.5	7993.5	8851.8	9598.6	10441.0	10738.5	11023.5
15°	5405.9	6216.4	6963.3	7563.8	8171.3	9061.1	10166.1	11067.3	12028.4	12457.6	12942.9
12.5°	5902.0	6669.0	7345.7	8120.4	8976.6	9763.6	10815.7	11937.8	12810.0	13357.4	13684.2
10°	6272.8	6985.2	7636.4	8412.9	9267.5	10157.8	11203.3	12353.6	13266.5	13733.7	14000.3
7.5°	6473.1	7154.9	7841.7	8628.7	9479.4	10427.6	11504.7	12645.9	13579.5	14032.1	14295.4
5°	6621.7	7276.5	7987.8	8816.1	9676.4	10637.8	11713.4	12841.0	13692.3	14173.2	14506.2
2.5°	6711.7	7353.7	8080.9	8937.3	9799.6	10801.0	11928.5	13097.4	13842.2	14229.2	14535.4
0°	6737.8	7384.4	8133.0	9000.8	9885.5	10895.1	12012.4	13169.4	13923.7	14298.0	14609.9
-2.5°	6767.1	7432.9	8202.0	9041.9	9919.2	10925.9	12066.3	13193.7	13872.3	14250.0	14546.8
-5°	6746.7	7436.6	8203.4	9007.9	9890.9	10889.6	11984.4	13038.6	13748.4	14156.7	14451.8
-7.5°	6685.6	7385.4	8144.3	8917.4	9783.6	10793.6	11883.9	12898.9	13618.0	14048.6	14371.4
-10°	6596.8	7276.1	8040.3	8823.2	9679.1	10640.5	11714.0	12723.0	13411.1	13868.4	14244.7
-12.5°	6498.3	7163.6	7900.2	8651.2	9497.6	10447.1	11487.2	12442.4	13126.5	13625.2	13894.1
-15°	6352.5	7017.3	7721.5	8447.9	9272.9	10194.1	11187.6	12104.0	12775.8	13181.6	13478.8
-17.5°	6166.9	6819.3	7486.8	8175.8	8953.1	9860.3	10859.8	11763.6	12311.2	12673.7	12965.7
-20°	5968.2	6571.4	7203.8	7854.0	8607.4	9506.0	10487.7	11276.0	11792.2	12140.4	12416.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5741.1	6322.1	6901.0	7522.5	8261.2	9085.1	9952.2	10714.0	11268.9	11586.1	11841.0
-25°	5482.0	6047.1	6596.8	7197.1	7876.0	8616.6	9422.9	10171.5	10668.5	11005.4	11258.1
-27.5°	5202.8	5733.8	6270.8	6809.9	7420.2	8158.1	8904.8	9600.2	10024.5	10364.0	10618.3
-30°	4924.2	5401.8	5898.7	6409.0	6981.8	7647.1	8345.6	8930.4	9377.8	9707.8	9943.8
-32.5°	4622.3	5075.5	5515.7	5992.6	6532.0	7118.3	7731.3	8287.6	8765.7	9067.9	9266.8
-35°	4313.1	4751.8	5154.7	5587.6	6063.3	6569.3	7135.1	7683.7	8155.9	8395.0	8588.9
-37.5°	3991.0	4428.4	4810.4	5172.0	5581.9	6050.5	6601.6	7125.0	7533.0	7738.5	7913.2
-40°	3710.9	4096.1	4439.9	4785.9	5119.1	5535.2	6049.5	6556.3	6883.6	7083.9	7246.3
-42.5°	3439.0	3763.9	4045.5	4355.7	4689.2	5099.4	5514.3	5939.3	6202.4	6424.7	6595.7
-45°	3122.4	3412.8	3676.8	3934.8	4239.0	4613.5	4990.4	5330.8	5577.1	5792.0	5958.5
-47.5°	2772.2	3052.5	3308.9	3539.6	3822.2	4134.6	4452.0	4735.3	4978.5	5190.9	5339.4
-50°	2445.8	2696.2	2946.6	3180.0	3424.9	3677.7	3935.1	4183.8	4414.7	4621.0	4747.4
-52.5°	2153.4	2384.5	2603.3	2807.4	3021.7	3235.2	3448.5	3676.1	3888.7	4083.9	4184.9
-55°	1888.8	2097.2	2294.6	2466.6	2638.6	2807.9	2990.6	3200.9	3396.5	3577.4	3649.9
-57.5°	1651.3	1829.7	2004.4	2149.8	2290.2	2424.9	2585.3	2762.8	2934.0	3089.0	3148.3
-60°	1432.9	1574.4	1720.5	1849.5	1971.9	2087.4	2227.3	2370.2	2509.1	2625.9	2676.4
-62.5°	1232.0	1353.0	1463.7	1568.5	1672.2	1776.2	1889.1	2002.5	2114.6	2204.7	2250.2
-65°	1038.2	1134.6	1223.6	1309.8	1393.4	1480.8	1569.2	1655.4	1738.4	1802.8	1842.2
-67.5°	856.4	929.6	1000.2	1067.4	1137.4	1208.2	1277.4	1343.4	1405.8	1455.5	1493.3
-70°	695.1	751.9	807.1	862.7	921.2	976.2	1028.3	1077.7	1124.1	1160.0	1189.0
-72.5°	560.3	606.3	654.0	704.2	751.4	792.6	830.0	866.1	900.6	920.8	936.0
-75°	451.7	490.4	532.0	572.5	612.0	643.3	670.7	697.4	722.9	724.3	719.2
-77.5°	365.0	399.6	431.7	463.5	495.0	514.3	531.1	548.4	565.9	555.8	539.8
-80°	267.9	296.7	323.9	351.3	378.7	390.1	398.1	405.0	410.8	397.6	381.2
-82.5°	177.7	195.9	213.6	231.7	249.9	257.3	262.7	267.2	270.8	258.8	245.0
-85°	99.2	107.9	116.5	125.1	133.8	138.9	143.6	147.9	151.8	144.7	136.6
-87.5°	41.3	43.2	45.2	47.0	48.9	50.7	52.5	54.2	55.9	56.2	56.4
-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: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	32.6
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°	1.7	0.3	0.0	0.0	0.0	0.3	1.7	2.9	3.7	4.2	4.1
62.5°	10.3	10.8	11.2	11.3	11.2	10.8	10.3	9.9	9.6	10.1	10.8
60°	20.0	17.5	16.9	17.0	16.9	17.5	20.0	21.8	22.6	33.0	38.7
57.5°	157.2	134.5	137.9	153.1	137.9	134.5	157.2	170.2	171.1	198.7	199.8
55°	734.8	820.2	850.4	833.7	850.4	820.2	734.8	644.3	558.1	531.3	531.6
52.5°	995.5	1030.5	1044.0	1043.6	1044.0	1030.5	995.5	948.5	889.1	830.4	772.9
50°	1296.0	1284.2	1265.9	1247.7	1265.9	1284.2	1296.0	1282.5	1237.9	1151.0	1011.9
47.5°	2162.9	2125.4	2109.6	2138.2	2109.6	2125.4	2162.9	2138.5	1972.0	1756.0	1596.7
45°	2874.2	2918.1	2950.9	2949.2	2950.9	2918.1	2874.2	2837.3	2656.7	2409.4	2155.3
42.5°	3279.2	3302.6	3309.3	3300.8	3309.3	3302.6	3279.2	3238.3	3029.5	2765.3	2474.3
40°	3640.1	3668.0	3683.7	3697.9	3683.7	3668.0	3640.1	3586.3	3415.3	3169.2	2895.5
37.5°	4172.2	4182.4	4160.1	4145.9	4160.1	4182.4	4172.2	4138.3	4035.6	3721.3	3499.0
35°	5476.9	5503.6	5441.7	5507.1	5441.7	5503.6	5476.9	5343.0	5184.3	4998.1	4491.8
32.5°	6728.1	6853.3	6954.6	7038.4	6954.6	6853.3	6728.1	6600.2	6492.8	6133.5	5471.4
30°	7436.9	7517.7	7561.1	7571.5	7561.1	7517.7	7436.9	7337.2	7194.6	6735.1	6123.0
27.5°	7957.3	8041.9	8094.6	8133.0	8094.6	8041.9	7957.3	7865.2	7698.7	7229.9	6629.0
25°	8458.8	8536.2	8588.9	8609.4	8588.9	8536.2	8458.8	8365.2	8160.9	7764.8	7173.0
22.5°	8979.2	9033.0	9083.7	9108.5	9083.7	9033.0	8979.2	8869.7	8648.2	8332.1	7705.1
20°	9725.3	9696.0	9742.2	9726.7	9742.2	9696.0	9725.3	9557.7	9324.5	8995.1	8389.6
17.5°	11245.7	11261.5	11292.3	11343.1	11292.3	11261.5	11245.7	11023.5	10738.5	10441.0	9598.6
15°	13157.9	13196.4	13391.9	13566.4	13391.9	13196.4	13157.9	12942.9	12457.6	12028.4	11067.3
12.5°	13987.3	14120.4	14141.1	14190.2	14141.1	14120.4	13987.3	13684.2	13357.4	12810.0	11937.8
10°	14264.0	14494.7	14489.7	14547.6	14489.7	14494.7	14264.0	14000.3	13733.7	13266.5	12353.6
7.5°	14474.0	14721.7	14826.3	14870.8	14826.3	14721.7	14474.0	14295.4	14032.1	13579.5	12645.9
5°	14730.5	14866.7	15047.2	14995.6	15047.2	14866.7	14730.5	14506.2	14173.2	13692.3	12841.0
2.5°	14837.9	15051.2	15002.0	15052.3	15002.0	15051.2	14837.9	14535.4	14229.2	13842.2	13097.4
0°	14910.5	15063.7	15086.4	15137.4	15086.4	15063.7	14910.5	14609.9	14298.0	13923.7	13169.4
-2.5°	14822.6	14957.3	15193.4	15120.4	15193.4	14957.3	14822.6	14546.8	14250.0	13872.3	13193.7
-5°	14745.5	15077.2	14948.3	15109.0	14948.3	15077.2	14745.5	14451.8	14156.7	13748.4	13038.6
-7.5°	14705.7	14765.0	14850.5	14972.9	14850.5	14765.0	14705.7	14371.4	14048.6	13618.0	12898.9
-10°	14397.8	14458.5	14615.6	14700.7	14615.6	14458.5	14397.8	14244.7	13868.4	13411.1	12723.0
-12.5°	14064.0	14181.4	14346.4	14400.1	14346.4	14181.4	14064.0	13894.1	13625.2	13126.5	12442.4
-15°	13679.4	13853.9	14014.7	14048.5	14014.7	13853.9	13679.4	13478.8	13181.6	12775.8	12104.0
-17.5°	13190.3	13399.5	13568.5	13606.1	13568.5	13399.5	13190.3	12965.7	12673.7	12311.2	11763.6
-20°	12651.5	12851.9	12995.6	13038.9	12995.6	12851.9	12651.5	12416.2	12140.4	11792.2	11276.0



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	12074.6	12255.0	12376.5	12358.3	12376.5	12255.0	12074.6	11841.0	11586.1	11268.9	10714.0
-25°	11462.0	11629.5	11745.2	11728.8	11745.2	11629.5	11462.0	11258.1	11005.4	10668.5	10171.5
-27.5°	10814.5	10973.2	11084.4	11087.9	11084.4	10973.2	10814.5	10618.3	10364.0	10024.5	9600.2
-30°	10134.1	10278.2	10368.5	10333.6	10368.5	10278.2	10134.1	9943.8	9707.8	9377.8	8930.4
-32.5°	9432.2	9562.5	9645.4	9670.0	9645.4	9562.5	9432.2	9266.8	9067.9	8765.7	8287.6
-35°	8740.0	8854.9	8926.4	8944.1	8926.4	8854.9	8740.0	8588.9	8395.0	8155.9	7683.7
-37.5°	8052.2	8151.0	8201.0	8178.4	8201.0	8151.0	8052.2	7913.2	7738.5	7533.0	7125.0
-40°	7372.6	7466.7	7523.9	7537.5	7523.9	7466.7	7372.6	7246.3	7083.9	6883.6	6556.3
-42.5°	6704.3	6782.6	6832.8	6856.9	6832.8	6782.6	6704.3	6595.7	6424.7	6202.4	5939.3
-45°	6055.8	6125.7	6172.9	6199.0	6172.9	6125.7	6055.8	5958.5	5792.0	5577.1	5330.8
-47.5°	5424.7	5486.1	5526.8	5546.8	5526.8	5486.1	5424.7	5339.4	5190.9	4978.5	4735.3
-50°	4821.4	4874.5	4912.4	4934.3	4912.4	4874.5	4821.4	4747.4	4621.0	4414.7	4183.8
-52.5°	4249.2	4295.6	4327.9	4344.4	4327.9	4295.6	4249.2	4184.9	4083.9	3888.7	3676.1
-55°	3702.8	3740.4	3770.3	3788.6	3770.3	3740.4	3702.8	3649.9	3577.4	3396.5	3200.9
-57.5°	3193.2	3224.0	3252.3	3272.5	3252.3	3224.0	3193.2	3148.3	3089.0	2934.0	2762.8
-60°	2716.3	2745.3	2769.4	2784.7	2769.4	2745.3	2716.3	2676.4	2625.9	2509.1	2370.2
-62.5°	2285.9	2311.6	2333.6	2348.0	2333.6	2311.6	2285.9	2250.2	2204.7	2114.6	2002.5
-65°	1873.3	1896.3	1912.8	1922.7	1912.8	1896.3	1873.3	1842.2	1802.8	1738.4	1655.4
-67.5°	1525.5	1552.1	1557.3	1554.0	1557.3	1552.1	1525.5	1493.3	1455.5	1405.8	1343.4
-70°	1215.0	1237.5	1242.8	1242.1	1242.8	1237.5	1215.0	1189.0	1160.0	1124.1	1077.7
-72.5°	950.0	962.3	951.8	935.8	951.8	962.3	950.0	936.0	920.8	900.6	866.1
-75°	712.9	705.0	694.1	680.6	694.1	705.0	712.9	719.2	724.3	722.9	697.4
-77.5°	522.1	502.8	490.2	476.4	490.2	502.8	522.1	539.8	555.8	565.9	548.4
-80°	363.6	344.6	331.5	317.6	331.5	344.6	363.6	381.2	397.6	410.8	405.0
-82.5°	230.3	214.7	206.8	198.5	206.8	214.7	230.3	245.0	258.8	270.8	267.2
-85°	127.9	118.7	113.4	107.8	113.4	118.7	127.9	136.6	144.7	151.8	147.9
-87.5°	56.5	56.6	53.8	51.0	53.8	56.6	56.5	56.4	56.2	55.9	54.2
-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: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	31.2	29.8	28.4	27.0	25.6	24.1	22.7	21.3	19.9	18.4	17.0
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	0.2	0.1	0.0	0.0	0.5	0.7	0.3	0.0	0.6
67.5°	0.0	0.0	1.0	2.4	3.0	2.9	2.6	2.9	3.4	3.1	2.9
65°	3.4	2.1	1.4	2.8	4.3	5.7	6.0	5.3	5.1	5.9	7.0
62.5°	11.4	11.9	10.3	8.6	7.5	8.3	9.0	9.6	8.4	6.7	8.8
60°	34.2	20.8	30.3	32.4	25.8	22.3	33.5	31.9	16.6	14.3	12.9
57.5°	164.6	137.7	151.1	137.3	94.0	82.0	85.0	81.1	73.4	44.9	19.2
55°	567.1	486.0	381.8	329.8	317.7	243.0	181.1	151.2	137.1	99.0	65.6
52.5°	720.5	669.8	590.9	482.2	424.2	402.4	344.0	275.3	218.7	174.9	125.6
50°	903.3	916.8	835.8	685.4	625.9	561.6	504.9	425.3	353.6	283.6	209.3
47.5°	1473.6	1372.6	1291.5	1179.2	966.0	829.9	740.5	610.2	511.9	427.3	335.6
45°	1964.7	1849.2	1769.9	1595.7	1369.2	1158.6	1018.1	854.7	680.8	567.4	484.3
42.5°	2313.6	2164.0	2033.7	1891.6	1675.2	1437.7	1244.9	1083.3	900.4	716.7	606.1
40°	2654.9	2418.0	2288.7	2161.5	1957.5	1691.1	1540.9	1303.5	1112.6	909.0	757.8
37.5°	3164.1	2761.1	2715.4	2592.9	2362.2	2085.1	1916.1	1681.9	1327.9	1135.8	962.1
35°	4024.5	3609.3	3369.7	3249.6	2950.4	2597.3	2319.1	2100.4	1749.1	1371.0	1170.8
32.5°	4972.7	4447.2	4083.5	3912.2	3591.1	3112.0	2768.8	2490.6	2137.9	1710.1	1389.1
30°	5508.0	5028.8	4590.8	4297.8	3985.8	3573.9	3180.1	2787.3	2404.5	2050.4	1625.5
27.5°	6006.2	5408.8	4936.5	4605.9	4313.7	3917.8	3482.0	3060.9	2640.2	2290.4	1911.4
25°	6481.0	5818.9	5304.1	4915.9	4576.2	4262.7	3770.1	3310.0	2871.3	2484.6	2188.2
22.5°	6923.2	6308.6	5715.5	5207.9	4920.1	4583.6	4097.9	3540.6	3112.0	2786.7	2437.9
20°	7651.4	6963.4	6212.4	5773.2	5505.6	4985.7	4436.1	3885.1	3491.4	3119.0	2708.7
17.5°	8851.8	7993.5	7095.5	6625.1	6246.1	5608.5	4908.2	4361.5	3870.0	3455.0	3003.4
15°	10166.1	9061.1	8171.3	7563.8	6963.3	6216.4	5405.9	4815.3	4256.8	3789.9	3274.2
12.5°	10815.7	9763.6	8976.6	8120.4	7345.7	6669.0	5902.0	5250.8	4616.9	4008.5	3441.7
10°	11203.3	10157.8	9267.5	8412.9	7636.4	6985.2	6272.8	5501.4	4797.2	4153.3	3581.5
7.5°	11504.7	10427.6	9479.4	8628.7	7841.7	7154.9	6473.1	5664.3	4941.3	4270.3	3693.6
5°	11713.4	10637.8	9676.4	8816.1	7987.8	7276.5	6621.7	5787.6	5048.7	4359.1	3778.7
2.5°	11928.5	10801.0	9799.6	8937.3	8080.9	7353.7	6711.7	5881.8	5136.0	4425.0	3849.7
0°	12012.4	10895.1	9885.5	9000.8	8133.0	7384.4	6737.8	5943.8	5195.1	4463.5	3896.4
-2.5°	12066.3	10925.9	9919.2	9041.9	8202.0	7432.9	6767.1	6013.3	5213.8	4505.0	3909.4
-5°	11984.4	10889.6	9890.9	9007.9	8203.4	7436.6	6746.7	6023.6	5209.1	4516.0	3899.3
-7.5°	11883.9	10793.6	9783.6	8917.4	8144.3	7385.4	6685.6	5978.5	5191.3	4497.9	3880.1
-10°	11714.0	10640.5	9679.1	8823.2	8040.3	7276.1	6596.8	5893.0	5133.3	4446.5	3835.1
-12.5°	11487.2	10447.1	9497.6	8651.2	7900.2	7163.6	6498.3	5774.7	5034.4	4360.8	3763.7
-15°	11187.6	10194.1	9272.9	8447.9	7721.5	7017.3	6352.5	5643.9	4938.0	4255.1	3665.9
-17.5°	10859.8	9860.3	8953.1	8175.8	7486.8	6819.3	6166.9	5506.5	4826.8	4156.0	3577.8
-20°	10487.7	9506.0	8607.4	7854.0	7203.8	6571.4	5968.2	5352.8	4672.6	4041.9	3485.4



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	9952.2	9085.1	8261.2	7522.5	6901.0	6322.1	5741.1	5146.1	4472.5	3899.1	3359.5
-25°	9422.9	8616.6	7876.0	7197.1	6596.8	6047.1	5482.0	4892.2	4294.4	3731.3	3205.5
-27.5°	8904.8	8158.1	7420.2	6809.9	6270.8	5733.8	5202.8	4644.8	4094.5	3542.5	3060.9
-30°	8345.6	7647.1	6981.8	6409.0	5898.7	5401.8	4924.2	4403.2	3861.8	3338.0	2904.9
-32.5°	7731.3	7118.3	6532.0	5992.6	5515.7	5075.5	4622.3	4128.4	3593.4	3146.9	2724.3
-35°	7135.1	6569.3	6063.3	5587.6	5154.7	4751.8	4313.1	3818.5	3348.8	2929.7	2520.4
-37.5°	6601.6	6050.5	5581.9	5172.0	4810.4	4428.4	3991.0	3552.2	3110.5	2688.0	2330.8
-40°	6049.5	5535.2	5119.1	4785.9	4439.9	4096.1	3710.9	3302.9	2867.1	2454.4	2144.7
-42.5°	5514.3	5099.4	4689.2	4355.7	4045.5	3763.9	3439.0	3027.2	2626.5	2268.0	1970.4
-45°	4990.4	4613.5	4239.0	3934.8	3676.8	3412.8	3122.4	2748.0	2388.2	2080.3	1799.7
-47.5°	4452.0	4134.6	3822.2	3539.6	3308.9	3052.5	2772.2	2455.0	2160.1	1882.8	1634.2
-50°	3935.1	3677.7	3424.9	3180.0	2946.6	2696.2	2445.8	2189.8	1926.7	1685.0	1459.4
-52.5°	3448.5	3235.2	3021.7	2807.4	2603.3	2384.5	2153.4	1925.7	1694.3	1492.3	1290.8
-55°	2990.6	2807.9	2638.6	2466.6	2294.6	2097.2	1888.8	1683.7	1499.0	1313.4	1149.2
-57.5°	2585.3	2424.9	2290.2	2149.8	2004.4	1829.7	1651.3	1478.0	1324.8	1171.2	1019.2
-60°	2227.3	2087.4	1971.9	1849.5	1720.5	1574.4	1432.9	1295.6	1163.2	1037.8	906.9
-62.5°	1889.1	1776.2	1672.2	1568.5	1463.7	1353.0	1232.0	1121.2	1018.6	913.0	794.6
-65°	1569.2	1480.8	1393.4	1309.8	1223.6	1134.6	1038.2	950.6	866.7	781.1	678.7
-67.5°	1277.4	1208.2	1137.4	1067.4	1000.2	929.6	856.4	783.3	714.9	645.0	561.9
-70°	1028.3	976.2	921.2	862.7	807.1	751.9	695.1	636.0	573.5	516.5	459.6
-72.5°	830.0	792.6	751.4	704.2	654.0	606.3	560.3	514.2	466.7	417.9	368.3
-75°	670.7	643.3	612.0	572.5	532.0	490.4	451.7	412.1	368.7	321.3	275.2
-77.5°	531.1	514.3	495.0	463.5	431.7	399.6	365.0	321.7	277.6	233.9	195.8
-80°	398.1	390.1	378.7	351.3	323.9	296.7	267.9	230.1	192.5	157.3	129.0
-82.5°	262.7	257.3	249.9	231.7	213.6	195.9	177.7	151.5	126.4	102.6	81.6
-85°	143.6	138.9	133.8	125.1	116.5	107.9	99.2	84.7	71.1	58.4	47.1
-87.5°	52.5	50.7	48.9	47.0	45.2	43.2	41.3	37.0	32.9	28.9	25.1
-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: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	15.6	14.2	12.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	3.0
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	1.7
82.5°	0.0	0.0	0.0	0.1	0.9	1.5	1.7	1.5	0.8	0.1	0.4
80°	0.0	0.0	0.0	0.2	1.4	3.0	3.8	3.9	3.0	2.1	1.1
77.5°	0.0	0.0	0.0	0.1	0.6	1.6	3.2	5.2	5.1	4.0	2.8
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.2	3.0	4.6	5.6	4.5
72.5°	0.0	0.0	0.0	0.7	1.5	1.6	0.9	1.0	3.3	4.8	5.6
70°	0.8	0.3	0.0	0.9	2.3	3.5	3.2	2.6	2.2	4.2	5.4
67.5°	2.7	2.9	2.1	1.6	2.6	3.9	5.3	5.1	4.4	3.7	5.2
65°	6.6	6.1	5.6	5.0	4.3	4.2	5.6	7.0	6.6	5.7	5.2
62.5°	9.9	9.8	9.1	8.3	7.4	6.4	5.9	7.8	8.6	7.6	6.4
60°	12.7	13.3	12.7	11.6	10.4	9.2	8.4	8.9	9.9	9.6	8.1
57.5°	17.7	17.2	16.9	15.3	13.5	12.1	11.4	11.1	11.4	11.2	9.8
55°	31.1	21.7	21.8	20.1	17.3	14.9	14.3	13.8	13.2	12.9	11.4
52.5°	78.8	43.8	28.1	25.9	22.6	18.5	17.2	16.4	15.6	14.8	13.1
50°	145.5	94.2	53.4	33.5	28.5	24.3	20.2	19.1	18.0	16.8	14.7
47.5°	232.8	161.9	105.2	52.8	36.9	30.4	25.3	21.8	20.4	18.9	16.3
45°	358.7	238.6	165.4	104.5	49.1	42.0	31.2	24.4	22.8	20.9	17.9
42.5°	499.0	350.1	232.1	157.9	93.7	58.1	37.4	29.7	25.1	23.0	19.6
40°	636.6	483.8	311.7	217.7	141.4	77.8	53.8	35.4	27.5	25.3	21.5
37.5°	788.9	625.3	436.7	281.5	190.0	118.8	73.7	41.2	31.3	27.7	23.5
35°	977.3	782.1	561.7	375.0	251.6	156.8	95.8	52.5	38.4	30.2	25.6
32.5°	1165.4	938.8	696.9	483.8	316.0	191.8	124.6	74.9	46.8	32.8	27.7
30°	1354.7	1082.3	824.1	584.5	390.1	248.0	155.7	96.6	56.3	35.5	29.9
27.5°	1525.2	1217.7	943.2	689.6	477.0	307.4	188.1	117.7	66.9	40.2	32.1
25°	1717.8	1364.1	1060.5	790.2	556.5	369.3	221.4	138.3	82.5	48.4	34.3
22.5°	1965.5	1514.5	1169.1	881.3	635.2	428.5	264.3	165.7	99.5	57.0	36.5
20°	2211.8	1661.4	1275.6	995.6	720.8	495.1	313.8	192.8	115.7	66.0	38.8
17.5°	2453.5	1849.7	1430.4	1112.2	812.3	557.4	360.1	219.4	131.0	75.1	41.0
15°	2670.3	2065.3	1582.7	1222.6	902.0	615.1	402.9	245.3	145.3	84.3	43.8
12.5°	2852.3	2251.3	1726.0	1325.9	988.4	667.7	442.0	270.2	158.5	94.5	47.8
10°	3002.7	2408.5	1858.9	1421.3	1070.0	715.1	477.2	295.0	173.9	105.3	51.9
7.5°	3122.8	2538.4	1979.8	1507.9	1144.1	759.3	515.1	321.2	188.9	115.6	56.1
5°	3213.2	2639.7	2073.3	1570.0	1202.9	800.1	550.1	345.3	202.9	125.2	60.3
2.5°	3271.9	2714.3	2142.6	1618.7	1250.9	834.3	580.8	366.9	215.6	134.0	64.3
0°	3306.5	2767.7	2194.9	1656.1	1287.4	862.1	606.9	385.7	226.9	141.8	68.1
-2.5°	3337.5	2802.7	2240.7	1721.3	1312.5	907.6	623.6	402.6	244.8	147.4	75.0
-5°	3347.7	2818.1	2270.6	1771.6	1327.7	944.5	635.3	416.4	260.5	151.9	81.3
-7.5°	3330.4	2808.9	2281.1	1800.2	1334.8	970.5	642.1	427.2	273.3	155.5	86.9
-10°	3292.1	2778.5	2267.3	1791.6	1344.4	978.6	646.0	435.2	282.6	158.1	91.4
-12.5°	3235.2	2732.5	2237.4	1772.5	1342.8	973.4	656.7	441.3	287.4	159.9	94.8
-15°	3160.7	2672.5	2191.9	1744.5	1326.6	961.7	659.4	443.6	286.9	163.2	96.9
-17.5°	3073.0	2599.6	2130.8	1708.7	1295.2	944.1	653.4	440.9	284.0	168.1	99.0
-20°	2985.2	2518.7	2058.4	1666.3	1247.7	921.3	638.2	432.7	278.8	171.3	101.0



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2882.2	2425.8	1995.8	1607.3	1196.4	893.6	613.4	419.0	271.3	172.7	101.9
-25°	2763.9	2317.2	1920.5	1526.2	1156.0	862.4	587.7	399.4	261.7	172.2	101.6
-27.5°	2630.1	2201.4	1831.9	1437.3	1113.9	818.8	563.4	385.0	253.5	169.8	100.1
-30°	2481.0	2092.2	1725.9	1351.8	1062.6	771.7	531.5	368.9	249.8	166.6	97.3
-32.5°	2320.1	1969.3	1612.0	1286.7	1004.1	722.8	503.4	350.7	243.6	162.5	97.4
-35°	2169.3	1835.6	1495.8	1211.5	942.1	693.8	484.6	330.5	234.8	156.9	98.0
-37.5°	2007.7	1695.4	1403.7	1133.1	876.9	660.5	469.4	321.5	223.4	149.6	97.6
-40°	1852.3	1562.4	1297.2	1058.4	828.6	623.1	445.4	311.4	212.5	140.8	96.3
-42.5°	1695.1	1437.3	1195.3	977.1	783.0	586.8	414.7	296.0	203.7	135.7	94.1
-45°	1550.3	1308.2	1086.8	906.3	732.4	540.4	391.1	276.6	192.8	132.1	92.1
-47.5°	1398.1	1176.7	987.8	828.7	666.2	490.0	361.1	261.2	179.8	127.3	90.7
-50°	1241.1	1052.2	895.1	743.4	585.2	447.9	329.0	243.0	175.1	123.6	88.5
-52.5°	1103.6	942.8	800.3	655.7	524.0	398.7	304.7	223.5	168.9	120.4	85.4
-55°	985.2	838.8	706.9	583.8	465.8	362.5	277.1	214.1	161.3	116.5	81.6
-57.5°	880.6	742.4	630.3	519.7	417.1	327.6	257.7	203.1	153.2	111.0	78.1
-60°	778.9	665.5	560.7	462.1	371.8	297.5	242.6	190.4	143.7	104.0	74.3
-62.5°	684.8	585.0	493.8	404.8	331.1	273.0	225.3	175.6	132.3	95.4	69.2
-65°	586.2	501.2	424.1	354.1	294.2	244.4	202.8	158.7	117.4	85.0	62.7
-67.5°	483.7	421.3	361.1	302.8	253.9	212.1	177.1	136.4	100.0	72.9	55.0
-70°	402.8	347.9	296.9	251.2	211.3	177.1	144.7	110.2	80.6	62.4	46.9
-72.5°	320.7	275.9	234.1	197.7	169.2	140.2	110.8	84.3	66.9	51.5	38.3
-75°	237.4	207.1	179.9	154.6	128.9	103.6	84.5	67.1	52.7	40.1	32.3
-77.5°	172.2	150.4	130.3	114.4	96.7	79.8	63.8	49.2	39.9	33.3	27.2
-80°	117.0	105.5	94.5	83.3	69.1	55.7	46.0	37.9	32.2	26.8	21.9
-82.5°	73.7	67.6	62.1	56.5	48.2	40.7	34.2	28.6	24.3	20.2	17.8
-85°	43.8	40.5	37.3	34.1	29.5	25.5	23.5	21.8	19.9	18.0	16.1
-87.5°	24.7	24.3	23.9	23.5	22.4	21.3	20.3	19.4	17.7	16.1	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.3

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Scaled Data Report



REPORT NUMBER: P627850 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	11.3	9.9	8.5	7.1	5.7	5.7	5.7
87.5°	4.2	4.8	5.2	5.5	5.7	5.7	5.7
85°	2.8	3.9	4.7	5.3	5.7	5.7	5.7
82.5°	1.3	3.0	4.2	5.2	5.7	5.7	5.7
80°	0.3	2.1	3.8	5.0	5.7	5.7	5.7
77.5°	1.8	1.9	3.4	4.8	5.7	5.7	5.7
75°	3.2	2.8	3.1	4.7	5.7	5.7	5.7
72.5°	4.6	3.7	3.6	4.6	5.7	5.7	5.7
70°	5.7	4.5	4.1	4.6	5.7	5.7	5.7
67.5°	5.9	5.3	4.5	4.8	5.7	5.7	5.7
65°	6.1	5.9	5.0	4.9	5.7	5.7	5.7
62.5°	6.4	6.3	5.3	5.1	5.7	5.7	5.7
60°	6.8	6.8	5.7	5.3	5.7	5.7	5.7
57.5°	8.1	7.4	6.2	5.4	5.8	5.7	5.7
55°	9.5	7.9	6.8	5.5	5.8	5.7	5.7
52.5°	10.9	8.7	7.4	5.6	5.9	5.7	5.7
50°	12.3	9.8	8.0	5.7	6.1	5.7	5.7
47.5°	13.6	11.0	8.7	5.8	6.2	5.7	5.7
45°	15.0	12.1	9.3	6.3	6.4	5.7	5.7
42.5°	16.3	13.1	10.0	6.9	6.6	5.7	5.7
40°	17.6	14.2	10.8	7.5	6.8	5.7	5.7
37.5°	18.8	15.2	11.6	8.3	7.0	5.7	5.7
35°	20.0	16.2	12.4	9.0	7.2	5.7	5.7
32.5°	21.3	17.2	13.2	9.7	7.5	5.7	5.7
30°	23.0	18.1	13.9	10.4	7.7	5.7	5.7
27.5°	24.7	19.0	14.8	11.1	8.0	5.7	5.7
25°	26.3	19.8	15.7	11.8	8.3	5.7	5.7
22.5°	28.0	20.7	16.5	12.4	8.6	5.7	5.7
20°	29.6	21.7	17.4	13.0	8.9	5.7	5.7
17.5°	31.2	22.7	18.2	13.6	9.2	5.7	5.7
15°	32.8	23.7	18.9	14.2	9.6	5.7	5.7
12.5°	34.3	24.6	19.7	14.7	9.9	5.7	5.7
10°	35.6	25.4	20.4	15.2	10.2	5.7	5.7
7.5°	36.8	26.3	21.0	15.7	10.5	5.7	5.7
5°	37.9	27.0	21.6	16.2	10.8	5.7	5.7
2.5°	38.9	27.7	22.2	16.6	11.0	5.7	5.7
0°	39.7	28.4	22.7	17.0	11.3	5.7	5.7
-2.5°	41.9	29.0	23.2	17.0	11.3	5.7	5.7
-5°	43.9	29.5	23.6	16.9	11.3	5.7	5.7
-7.5°	45.7	30.0	24.0	16.9	11.2	5.7	5.7
-10°	47.1	30.4	24.2	16.7	11.1	5.7	5.7
-12.5°	48.2	30.8	24.4	16.6	11.0	5.7	5.7
-15°	48.9	31.1	24.5	16.4	10.9	5.7	5.7
-17.5°	49.2	31.4	24.4	16.2	10.8	5.7	5.7
-20°	50.4	31.5	24.3	16.0	10.6	5.7	5.7

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.7	31.7	24.0	15.7	10.4	5.7	5.7
-25°	56.3	33.8	23.6	15.4	10.2	5.7	5.7
-27.5°	58.4	36.4	23.0	15.1	10.0	5.7	5.7
-30°	59.8	38.7	22.4	14.7	9.8	5.7	5.7
-32.5°	60.6	40.6	23.2	14.3	9.5	5.7	5.7
-35°	62.2	42.0	23.8	13.9	9.3	5.7	5.7
-37.5°	63.9	43.0	24.2	13.5	9.0	5.7	5.7
-40°	64.9	43.3	24.4	13.0	8.7	5.7	5.7
-42.5°	65.3	43.3	24.6	12.7	8.4	5.7	5.7
-45°	64.9	43.0	24.7	12.8	8.0	5.7	5.7
-47.5°	64.0	42.3	24.5	12.7	7.7	5.7	5.7
-50°	62.6	41.4	24.1	12.5	7.3	5.7	5.7
-52.5°	60.9	40.1	23.3	12.3	6.9	5.7	5.7
-55°	58.7	38.4	22.3	12.0	6.5	5.7	5.7
-57.5°	56.1	36.3	21.1	11.5	6.1	5.7	5.7
-60°	53.0	33.8	19.6	11.0	5.7	5.7	5.7
-62.5°	48.7	31.0	18.5	10.4	5.7	5.7	5.7
-65°	43.9	27.7	17.3	9.8	5.7	5.7	5.7
-67.5°	38.6	24.9	16.0	9.0	5.7	5.7	5.7
-70°	32.9	22.6	14.5	8.2	5.7	5.7	5.7
-72.5°	29.0	20.2	13.0	8.0	5.7	5.7	5.7
-75°	25.3	17.6	11.3	8.0	5.7	5.7	5.7
-77.5°	21.3	14.9	10.7	7.9	5.7	5.7	5.7
-80°	17.3	13.4	10.3	7.7	5.7	5.7	5.7
-82.5°	15.6	12.6	9.9	7.6	5.7	5.7	5.7
-85°	14.2	11.7	9.5	7.5	5.7	5.7	5.7
-87.5°	12.8	10.8	9.0	7.3	5.7	5.7	5.7
-90°	5.7	5.7	5.7	5.7	5.7	5.7	5.7

(END OF REPORT)