

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: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627150 (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-SA3C-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

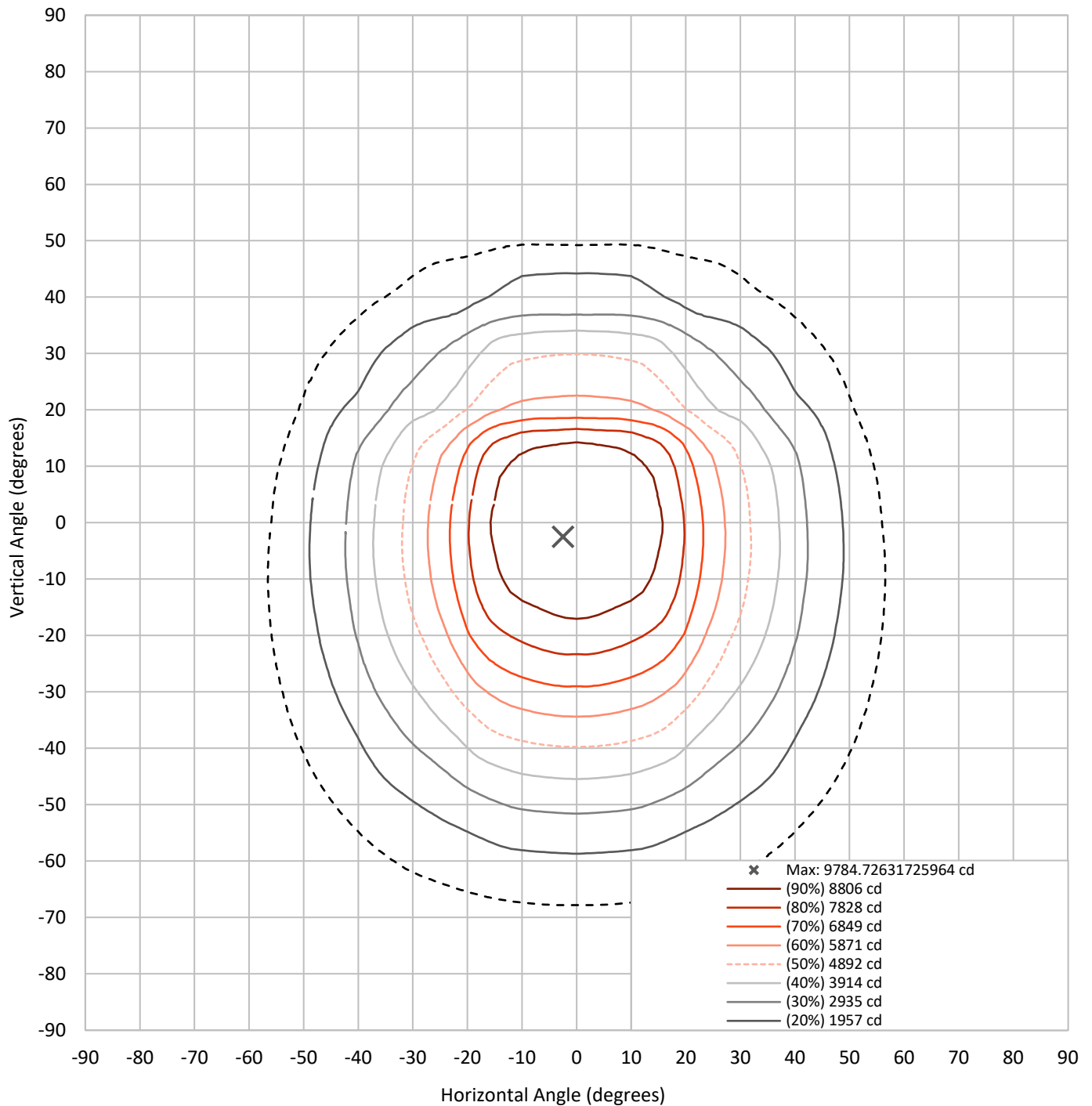
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13058.1 lumens	Max Intensity:	9784.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	107.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	7554.9 lumens	Field Lumens:	12391.2 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	121.7		
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		



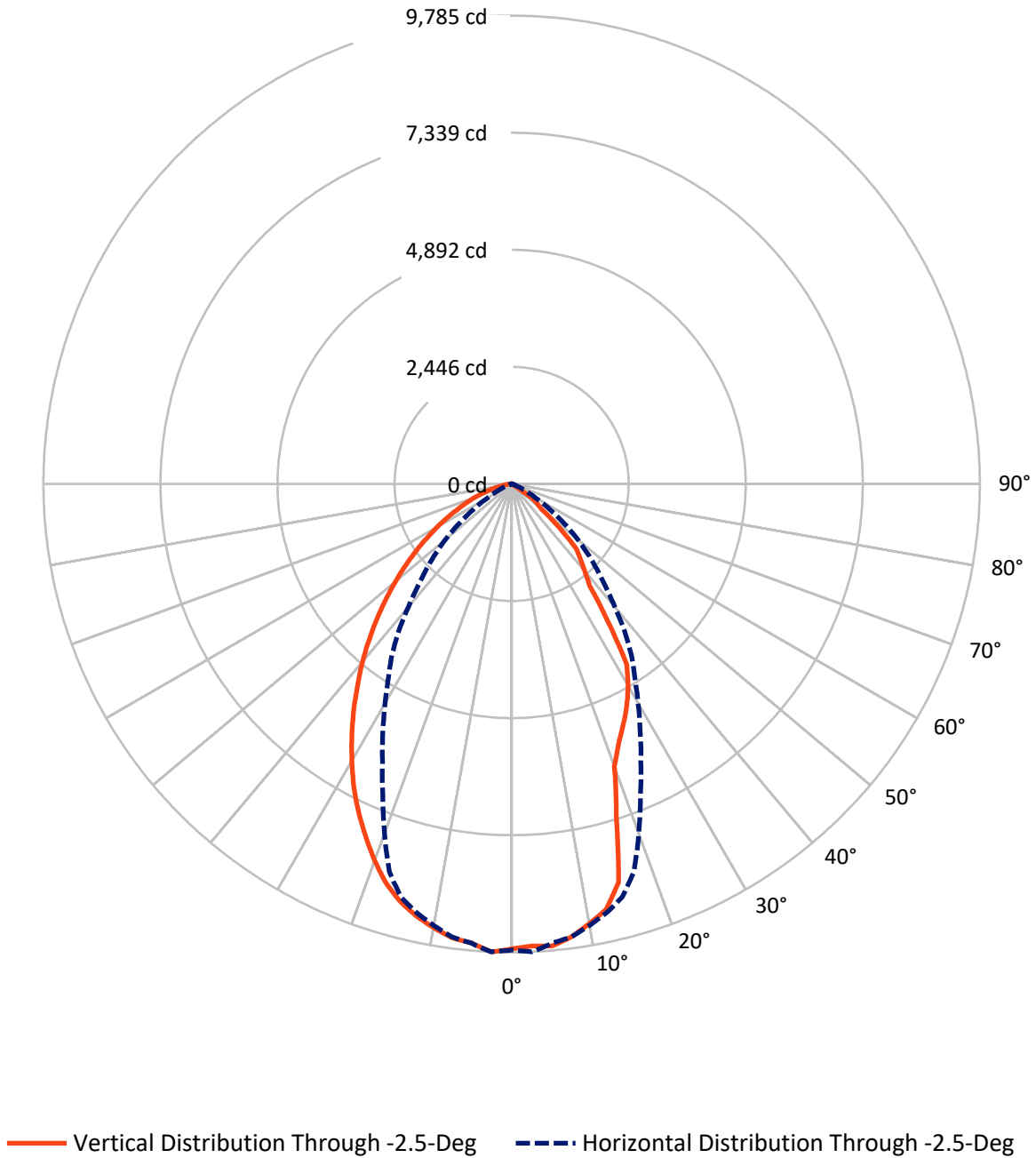
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CATALOG NUMBER: GFLD-SA3C-730-U-VWR-VSR-XX

Iso-Candela Plot



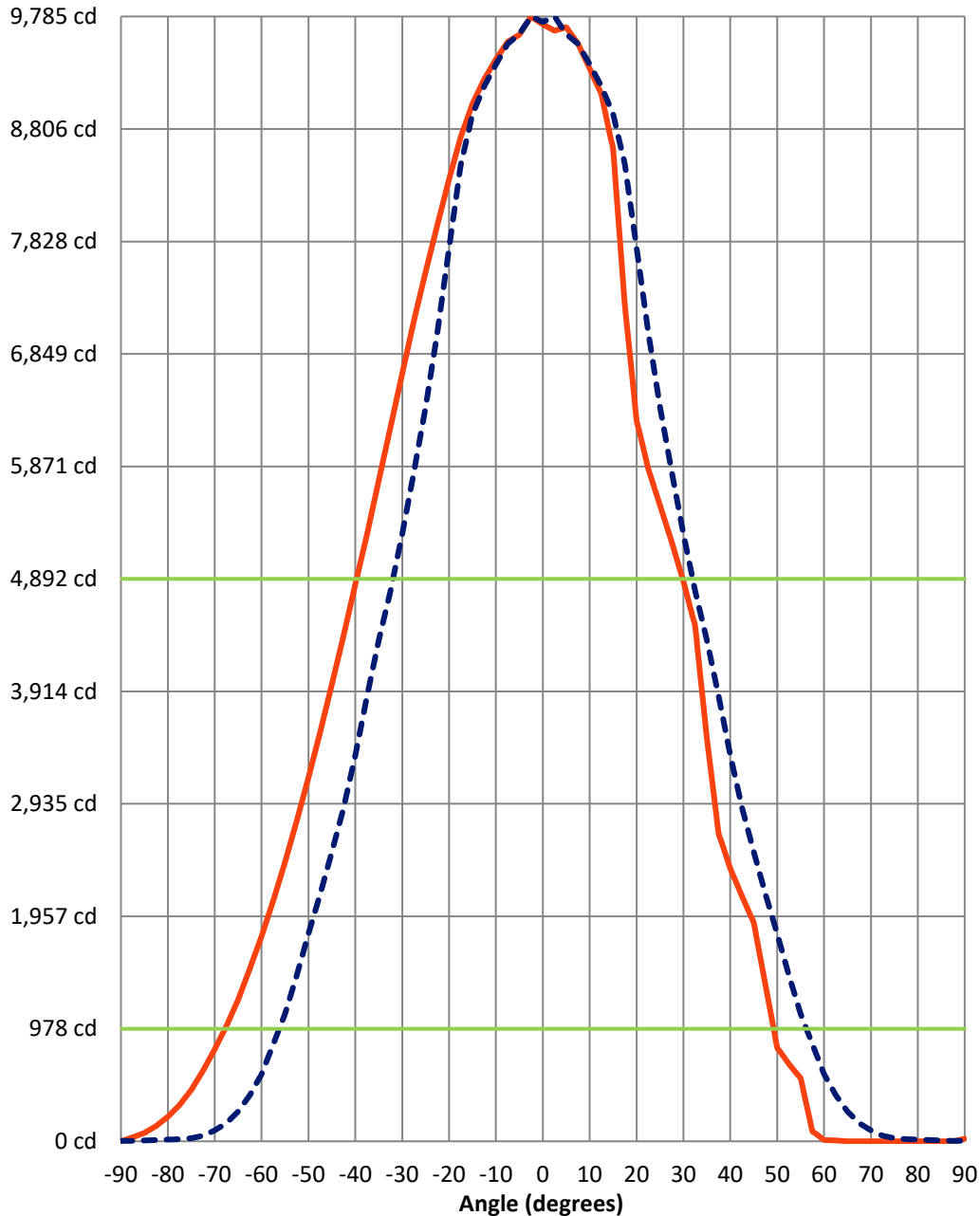
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 7554.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 12391.2
 Efficiency: 94.9%

Spill:
 Lumens: 666.8
 Efficiency: 5.1%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.7	3.7	3.7	4.6	5.5	6.4	7.3	8.2	9.2	10.1	11.0
87.5°	3.7	3.7	3.7	3.6	3.4	3.1	2.7	1.9	1.2	0.6	0.0
85°	3.7	3.7	3.7	3.5	3.1	2.5	1.8	1.1	0.6	0.2	0.0
82.5°	3.7	3.7	3.7	3.3	2.8	1.9	0.9	0.3	0.1	0.5	1.0
80°	3.7	3.7	3.7	3.2	2.5	1.4	0.2	0.7	1.3	1.9	2.5
77.5°	3.7	3.7	3.7	3.1	2.2	1.2	1.1	1.8	2.6	3.3	3.4
75°	3.7	3.7	3.7	3.1	2.0	1.8	2.1	2.9	3.6	3.0	1.9
72.5°	3.7	3.7	3.7	3.0	2.3	2.4	3.0	3.7	3.1	2.1	0.6
70°	3.7	3.7	3.7	3.0	2.7	2.9	3.7	3.5	2.7	1.4	1.7
67.5°	3.7	3.7	3.7	3.1	3.0	3.5	3.8	3.4	2.4	2.9	3.3
65°	3.7	3.7	3.7	3.2	3.2	3.8	3.9	3.4	3.7	4.3	4.5
62.5°	3.7	3.7	3.7	3.3	3.5	4.1	4.1	4.2	4.9	5.6	5.1
60°	3.7	3.7	3.7	3.4	3.7	4.4	4.4	5.3	6.2	6.4	5.8
57.5°	3.7	3.7	3.7	3.5	4.0	4.8	5.2	6.3	7.2	7.4	7.2
55°	3.7	3.7	3.8	3.6	4.4	5.1	6.1	7.4	8.4	8.5	8.9
52.5°	3.7	3.7	3.9	3.6	4.8	5.6	7.1	8.5	9.6	10.1	10.6
50°	3.7	3.7	3.9	3.7	5.2	6.4	7.9	9.5	10.9	11.6	12.3
47.5°	3.7	3.7	4.0	3.8	5.6	7.1	8.8	10.5	12.2	13.1	14.1
45°	3.7	3.7	4.1	4.1	6.0	7.8	9.7	11.5	13.5	14.7	15.8
42.5°	3.7	3.7	4.3	4.4	6.5	8.5	10.5	12.7	14.8	16.2	19.1
40°	3.7	3.7	4.4	4.9	7.0	9.2	11.3	13.9	16.3	17.7	22.8
37.5°	3.7	3.7	4.5	5.4	7.5	9.8	12.1	15.2	17.8	20.1	26.5
35°	3.7	3.7	4.7	5.8	8.0	10.5	12.9	16.5	19.4	24.7	33.8
32.5°	3.7	3.7	4.8	6.3	8.5	11.1	13.7	17.8	21.1	30.1	48.2
30°	3.7	3.7	5.0	6.7	9.0	11.7	14.8	19.2	22.8	36.2	62.2
27.5°	3.7	3.7	5.2	7.2	9.6	12.2	15.9	20.7	25.8	43.1	75.8
25°	3.7	3.7	5.4	7.6	10.1	12.8	17.0	22.1	31.1	53.1	89.1
22.5°	3.7	3.7	5.6	8.0	10.7	13.3	18.0	23.5	36.7	64.1	106.7
20°	3.7	3.7	5.8	8.4	11.2	14.0	19.1	24.9	42.4	74.5	124.2
17.5°	3.7	3.7	6.0	8.8	11.7	14.6	20.1	26.4	48.3	84.3	141.3
15°	3.7	3.7	6.2	9.2	12.2	15.2	21.1	28.2	54.2	93.5	158.0
12.5°	3.7	3.7	6.4	9.5	12.7	15.8	22.1	30.7	60.8	102.0	174.0
10°	3.7	3.7	6.6	9.9	13.1	16.4	22.9	33.4	67.8	112.0	190.0
7.5°	3.7	3.7	6.8	10.2	13.5	16.9	23.7	36.1	74.4	121.7	206.9
5°	3.7	3.7	7.0	10.5	13.9	17.4	24.4	38.8	80.6	130.6	222.4
2.5°	3.7	3.7	7.1	10.7	14.3	17.9	25.1	41.4	86.3	138.8	236.3
0°	3.7	3.7	7.3	11.0	14.6	18.3	25.6	43.8	91.3	146.1	248.4
-2.5°	3.7	3.7	7.3	11.0	14.6	18.3	25.6	43.8	91.3	146.1	248.4
-5°	3.7	3.7	7.3	11.0	15.2	19.0	28.3	52.4	97.8	167.7	268.2
-7.5°	3.7	3.7	7.2	10.9	15.4	19.3	29.4	55.9	100.1	176.0	275.1
-10°	3.7	3.7	7.2	10.8	15.6	19.6	30.4	58.9	101.8	181.9	280.2
-12.5°	3.7	3.7	7.1	10.7	15.7	19.8	31.1	61.1	103.0	185.1	284.2
-15°	3.7	3.7	7.1	10.6	15.8	20.0	31.5	62.4	105.1	184.7	285.7
-17.5°	3.7	3.7	7.0	10.5	15.8	20.2	31.7	63.8	108.3	182.9	283.9
-20°	3.7	3.7	6.9	10.3	15.7	20.3	32.5	65.1	110.3	179.5	278.7

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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°	3.7	3.7	6.8	10.2	15.5	20.4	34.6	65.6	111.2	174.7	269.8
-25°	3.7	3.7	6.6	10.0	15.2	21.7	36.3	65.4	110.9	168.5	257.2
-27.5°	3.7	3.7	6.5	9.7	14.8	23.5	37.6	64.4	109.4	163.2	248.0
-30°	3.7	3.7	6.3	9.5	14.5	24.9	38.5	62.6	107.3	160.9	237.6
-32.5°	3.7	3.7	6.2	9.3	15.0	26.1	39.0	62.7	104.7	156.9	225.9
-35°	3.7	3.7	6.0	9.0	15.4	27.1	40.1	63.1	101.0	151.2	212.8
-37.5°	3.7	3.7	5.8	8.7	15.6	27.7	41.2	62.9	96.4	143.9	207.0
-40°	3.7	3.7	5.6	8.4	15.8	27.9	41.8	62.0	90.7	136.8	200.5
-42.5°	3.7	3.7	5.4	8.2	15.9	27.9	42.0	60.6	87.4	131.2	190.6
-45°	3.7	3.7	5.2	8.3	15.9	27.7	41.8	59.3	85.1	124.2	178.1
-47.5°	3.7	3.7	5.0	8.2	15.8	27.3	41.2	58.5	82.0	115.8	168.2
-50°	3.7	3.7	4.7	8.1	15.5	26.7	40.3	57.0	79.6	112.8	156.5
-52.5°	3.7	3.7	4.5	7.9	15.1	25.8	39.2	55.0	77.6	108.9	143.9
-55°	3.7	3.7	4.2	7.7	14.4	24.8	37.8	52.5	75.0	103.9	138.0
-57.5°	3.7	3.7	4.0	7.5	13.6	23.4	36.1	50.3	71.5	98.7	130.9
-60°	3.7	3.7	3.7	7.1	12.6	21.8	34.1	47.9	67.0	92.6	122.7
-62.5°	3.7	3.7	3.7	6.8	11.9	20.0	31.4	44.6	61.4	85.3	113.1
-65°	3.7	3.7	3.7	6.3	11.2	17.9	28.3	40.4	54.7	75.7	102.3
-67.5°	3.7	3.7	3.7	5.8	10.3	16.1	24.9	35.4	47.0	64.4	87.9
-70°	3.7	3.7	3.7	5.3	9.4	14.6	21.2	30.2	40.2	51.9	71.0
-72.5°	3.7	3.7	3.7	5.2	8.4	13.0	18.7	24.7	33.2	43.1	54.3
-75°	3.7	3.7	3.7	5.2	7.3	11.4	16.3	20.8	25.8	33.9	43.2
-77.5°	3.7	3.7	3.7	5.1	6.9	9.6	13.8	17.5	21.4	25.7	31.7
-80°	3.7	3.7	3.7	5.0	6.7	8.7	11.2	14.1	17.3	20.7	24.4
-82.5°	3.7	3.7	3.7	4.9	6.4	8.1	10.1	11.5	13.0	15.6	18.4
-85°	3.7	3.7	3.7	4.8	6.1	7.6	9.2	10.4	11.6	12.8	14.0
-87.5°	3.7	3.7	3.7	4.7	5.8	7.0	8.3	9.3	10.4	11.5	12.5
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.8	1.8	0.9	0.0



REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.9	12.8	13.7
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°	1.1	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.4	2.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.1	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.8	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.6	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.1	2.3	1.5	0.6	0.0	0.2	0.5	0.4	0.0	0.2	0.5
67.5°	3.4	2.6	1.7	1.0	1.4	1.9	1.7	1.9	2.0	2.2	1.9
65°	3.6	2.7	2.8	3.2	3.6	4.0	4.3	4.5	3.8	3.3	3.4
62.5°	3.9	4.1	4.8	5.4	5.9	6.4	6.4	5.7	4.4	5.5	6.2
60°	5.5	6.0	6.8	7.5	8.2	8.6	8.2	8.3	9.3	10.7	20.6
57.5°	7.3	7.8	8.7	9.9	10.9	11.1	11.4	12.4	29.0	47.3	52.2
55°	9.2	9.7	11.2	13.0	14.1	14.0	20.0	42.2	63.7	88.3	97.3
52.5°	11.1	11.9	14.6	16.7	18.1	28.2	50.7	80.8	112.6	140.8	177.3
50°	13.0	15.7	18.4	21.6	34.3	60.6	93.7	134.8	182.6	227.7	273.9
47.5°	16.3	19.6	23.7	34.0	67.8	104.3	149.9	216.1	275.1	329.7	393.0
45°	20.1	27.0	31.6	67.3	106.5	153.6	231.0	311.9	365.4	438.4	550.4
42.5°	24.1	37.4	60.4	101.7	149.5	225.4	321.4	390.3	461.6	579.9	697.6
40°	34.6	50.1	91.1	140.2	200.7	311.6	410.0	488.1	585.3	716.5	839.5
37.5°	47.5	76.5	122.4	181.3	281.2	402.7	508.1	619.6	731.4	855.2	1083.2
35°	61.7	101.0	162.0	241.5	361.8	503.7	629.4	754.0	882.9	1126.4	1352.7
32.5°	80.3	123.5	203.5	311.5	448.8	604.7	750.5	894.6	1101.3	1376.9	1604.0
30°	100.3	159.7	251.2	376.4	530.7	697.1	872.5	1046.9	1320.5	1548.5	1795.0
27.5°	121.2	198.0	307.2	444.1	607.5	784.3	982.3	1231.0	1475.1	1700.4	1971.2
25°	142.6	237.9	358.3	508.9	683.0	878.5	1106.3	1409.3	1600.2	1849.1	2131.7
22.5°	170.2	276.0	409.0	567.6	752.9	975.4	1265.8	1570.1	1794.8	2004.1	2280.2
20°	202.1	318.9	464.1	641.1	821.5	1070.0	1424.5	1744.5	2008.7	2248.5	2502.1
17.5°	231.9	359.0	523.1	716.3	921.2	1191.2	1580.2	1934.3	2225.1	2492.3	2808.9
15°	259.5	396.1	580.9	787.3	1019.3	1330.1	1719.7	2108.7	2440.7	2741.4	3101.1
12.5°	284.7	430.0	636.5	853.8	1111.6	1449.9	1836.9	2216.6	2581.6	2973.4	3381.6
10°	307.4	460.5	689.1	915.3	1197.2	1551.1	1933.8	2306.5	2674.8	3089.4	3543.0
7.5°	331.7	489.0	736.8	971.1	1275.0	1634.8	2011.2	2378.7	2750.1	3182.2	3647.9
5°	354.3	515.3	774.7	1011.1	1335.2	1700.0	2069.4	2433.6	2807.3	3251.4	3727.3
2.5°	374.0	537.3	805.6	1042.4	1379.8	1748.1	2107.2	2479.3	2849.8	3307.7	3788.0
0°	390.8	555.2	829.1	1066.5	1413.5	1782.5	2129.4	2509.3	2874.6	3345.8	3827.9
-2.5°	401.6	584.5	845.3	1108.5	1443.0	1805.0	2149.3	2517.7	2901.3	3357.8	3872.7
-5°	409.1	608.3	855.0	1140.9	1462.3	1814.9	2155.9	2511.2	2908.4	3354.8	3879.3
-7.5°	413.5	625.0	859.6	1159.3	1469.1	1809.0	2144.8	2498.9	2896.7	3343.3	3850.2
-10°	416.0	630.3	865.8	1153.8	1460.2	1789.4	2120.1	2469.9	2863.6	3305.9	3795.1
-12.5°	422.9	626.9	864.7	1141.5	1440.9	1759.8	2083.5	2423.9	2808.4	3242.2	3719.0
-15°	424.6	619.4	854.4	1123.4	1411.6	1721.1	2035.5	2360.9	2740.3	3180.1	3634.7
-17.5°	420.8	608.0	834.1	1100.4	1372.3	1674.2	1979.0	2304.2	2676.5	3108.5	3546.2
-20°	411.0	593.3	803.6	1073.1	1325.6	1622.0	1922.5	2244.6	2603.1	3009.2	3447.2



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CATALOG NUMBER: GFLD-SA3C-730-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°	395.0	575.5	770.5	1035.1	1285.3	1562.2	1856.2	2163.5	2511.0	2880.4	3314.1
-25°	378.5	555.4	744.4	982.9	1236.8	1492.3	1780.0	2064.4	2403.0	2765.7	3150.6
-27.5°	362.8	527.3	717.3	925.6	1179.7	1417.7	1693.9	1971.3	2281.4	2636.9	2991.3
-30°	342.3	497.0	684.3	870.6	1111.5	1347.4	1597.8	1870.8	2149.7	2487.0	2835.8
-32.5°	324.2	465.5	646.6	828.6	1038.1	1268.2	1494.2	1754.5	2026.6	2314.2	2658.8
-35°	312.1	446.8	606.8	780.2	963.3	1182.1	1397.1	1623.2	1886.8	2156.6	2459.2
-37.5°	302.3	425.4	564.8	729.8	904.0	1091.8	1293.0	1501.1	1731.1	2003.2	2287.6
-40°	286.8	401.3	533.6	681.7	835.4	1006.2	1192.9	1381.3	1580.7	1846.5	2127.1
-42.5°	267.1	377.9	504.3	629.3	769.8	925.7	1091.7	1269.0	1460.7	1691.6	1949.5
-45°	251.9	348.0	471.7	583.7	699.9	842.5	998.4	1159.0	1339.8	1538.0	1769.7
-47.5°	232.5	315.6	429.0	533.7	636.1	757.8	900.4	1052.5	1212.5	1391.2	1581.1
-50°	211.9	288.5	376.9	478.8	576.4	677.6	799.2	939.9	1085.1	1240.8	1410.2
-52.5°	196.2	256.8	337.5	422.3	515.4	607.2	710.7	831.3	961.0	1091.1	1240.1
-55°	178.5	233.4	300.0	376.0	455.3	540.3	634.5	740.1	845.9	965.4	1084.3
-57.5°	166.0	211.0	268.7	334.7	405.9	478.2	567.1	656.4	754.3	853.2	951.9
-60°	156.3	191.6	239.5	297.6	361.1	428.6	501.6	584.0	668.3	749.1	834.4
-62.5°	145.1	175.9	213.3	260.7	318.0	376.8	441.1	511.7	588.0	655.9	722.1
-65°	130.7	157.4	189.5	228.1	273.1	322.8	377.6	437.1	503.0	558.2	612.2
-67.5°	114.1	136.6	163.5	195.1	232.6	271.3	311.5	361.9	415.4	460.4	504.4
-70°	93.2	114.1	136.1	161.8	191.2	224.1	259.4	296.0	332.6	369.4	409.6
-72.5°	71.3	90.3	109.0	127.3	150.8	177.7	206.5	237.2	269.2	300.6	331.2
-75°	54.4	66.7	83.0	99.6	115.8	133.4	152.9	177.2	207.0	237.5	265.4
-77.5°	41.1	51.4	62.3	73.7	84.0	96.9	110.9	126.1	150.6	178.8	207.2
-80°	29.6	35.8	44.4	53.6	60.8	68.0	75.4	83.0	101.3	124.0	148.2
-82.5°	22.0	26.2	31.0	36.3	40.0	43.5	47.5	52.6	66.1	81.4	97.6
-85°	15.1	16.4	19.0	22.0	24.0	26.1	28.2	30.4	37.6	45.8	54.6
-87.5°	13.1	13.7	14.4	15.2	15.4	15.7	15.9	16.2	18.6	21.2	23.8
-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: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	14.6	15.5	16.5	17.4	18.3	19.2	20.1	21.0	21.9	21.9	21.9
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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.7	1.9	1.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.9	3.7	2.8	1.8	0.9	1.4	2.2	2.6	2.7	2.4	1.9
62.5°	5.8	5.4	4.8	5.6	6.6	7.7	7.4	7.0	6.5	6.2	6.4
60°	21.6	14.4	16.6	20.9	19.6	13.4	22.0	24.9	21.2	14.5	14.1
57.5°	54.7	52.8	60.6	88.5	97.4	88.7	106.0	128.7	128.0	110.2	109.6
55°	116.6	156.5	204.7	212.4	245.9	313.0	365.2	342.3	342.2	359.4	414.9
52.5°	221.6	259.2	273.2	310.5	380.5	431.3	463.9	497.7	534.8	572.6	610.9
50°	325.2	361.7	403.1	441.4	538.3	590.4	581.7	651.7	741.3	797.2	825.9
47.5°	476.9	534.5	622.1	759.5	831.8	884.0	949.0	1028.2	1130.9	1270.0	1377.2
45°	655.6	746.2	881.8	1027.6	1139.8	1190.9	1265.3	1388.0	1551.7	1711.0	1827.3
42.5°	801.7	925.9	1078.8	1218.2	1309.7	1393.7	1490.0	1593.5	1780.9	1951.1	2085.5
40°	992.4	1089.1	1260.7	1392.1	1474.0	1557.2	1709.8	1864.7	2041.0	2199.5	2309.7
37.5°	1234.0	1342.9	1521.3	1669.9	1748.8	1778.2	2037.7	2253.4	2396.6	2599.0	2665.2
35°	1493.5	1672.7	1900.2	2092.8	2170.1	2324.4	2591.8	2892.8	3218.9	3338.8	3441.0
32.5°	1783.1	2004.2	2312.8	2519.5	2629.8	2864.1	3202.5	3523.7	3950.0	4181.4	4250.6
30°	2048.0	2301.7	2566.9	2767.9	2956.5	3238.7	3547.2	3943.3	4337.6	4633.4	4725.3
27.5°	2242.4	2523.1	2778.1	2966.2	3179.2	3483.4	3868.1	4269.2	4656.2	4958.0	5065.3
25°	2428.0	2745.3	2947.1	3165.9	3416.0	3747.5	4173.9	4619.5	5000.6	5255.8	5387.3
22.5°	2639.1	2951.9	3168.6	3354.0	3680.8	4062.8	4458.6	4962.2	5366.0	5569.6	5712.2
20°	2856.9	3210.8	3545.6	3718.0	4000.9	4484.5	4927.6	5403.0	5792.9	6005.1	6155.3
17.5°	3160.9	3611.9	4022.6	4266.7	4569.5	5147.9	5700.7	6181.6	6724.1	6915.7	7099.3
15°	3481.5	4003.5	4484.5	4871.2	5262.5	5835.5	6547.1	7127.5	7746.4	8022.9	8335.4
12.5°	3801.0	4294.9	4730.8	5229.7	5781.1	6287.9	6965.5	7688.1	8249.8	8602.4	8812.8
10°	4039.8	4498.6	4918.0	5418.1	5968.4	6541.8	7215.1	7955.8	8543.9	8844.7	9016.4
7.5°	4168.7	4607.8	5050.2	5557.0	6104.9	6715.5	7409.2	8144.1	8745.4	9036.9	9206.4
5°	4264.5	4686.2	5144.2	5677.7	6231.7	6850.9	7543.6	8269.8	8818.0	9127.8	9342.2
2.5°	4322.4	4735.8	5204.2	5755.8	6311.1	6956.0	7682.1	8434.9	8914.6	9163.8	9361.0
0°	4339.2	4755.6	5237.8	5796.6	6366.4	7016.6	7736.1	8481.3	8967.1	9208.1	9409.0
-2.5°	4358.1	4786.9	5282.2	5823.1	6388.1	7036.4	7770.9	8496.9	8934.0	9177.2	9368.3
-5°	4344.9	4789.3	5283.1	5801.2	6369.9	7013.0	7718.2	8397.0	8854.2	9117.1	9307.1
-7.5°	4305.6	4756.3	5245.0	5742.9	6300.8	6951.2	7653.4	8307.1	8770.2	9047.5	9255.4
-10°	4248.4	4685.9	5178.1	5682.3	6233.4	6852.6	7543.9	8193.8	8637.0	8931.4	9173.8
-12.5°	4185.0	4613.5	5087.8	5571.5	6116.6	6728.1	7397.9	8013.1	8453.7	8774.9	8948.0
-15°	4091.0	4519.2	4972.8	5440.6	5971.9	6565.1	7205.0	7795.2	8227.8	8489.1	8680.5
-17.5°	3971.5	4391.7	4821.6	5265.4	5765.9	6350.1	6993.9	7575.9	7928.6	8162.0	8350.1
-20°	3843.5	4232.0	4639.4	5058.1	5543.3	6122.0	6754.2	7261.9	7594.3	7818.6	7996.2



REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	3697.3	4071.5	4444.3	4844.6	5320.3	5850.9	6409.4	6900.0	7257.4	7461.6	7625.8
-25°	3530.5	3894.4	4248.5	4635.0	5072.2	5549.2	6068.4	6550.6	6870.7	7087.6	7250.4
-27.5°	3350.7	3692.6	4038.5	4385.6	4778.7	5253.9	5734.7	6182.6	6455.9	6674.6	6838.3
-30°	3171.3	3478.8	3798.8	4127.5	4496.4	4924.8	5374.6	5751.2	6039.4	6251.9	6403.9
-32.5°	2976.8	3268.7	3552.2	3859.3	4206.7	4584.3	4979.1	5337.3	5645.2	5839.9	5968.0
-35°	2777.7	3060.2	3319.7	3598.5	3904.9	4230.8	4595.1	4948.5	5252.5	5406.5	5531.4
-37.5°	2570.2	2852.0	3098.0	3330.9	3594.8	3896.6	4251.5	4588.6	4851.4	4983.7	5096.3
-40°	2389.9	2637.9	2859.3	3082.2	3296.8	3564.8	3896.0	4222.4	4433.1	4562.1	4666.7
-42.5°	2214.8	2424.0	2605.3	2805.1	3019.9	3284.1	3551.3	3825.0	3994.4	4137.6	4247.7
-45°	2010.8	2197.9	2367.9	2534.1	2729.9	2971.2	3213.9	3433.1	3591.8	3730.2	3837.4
-47.5°	1785.3	1965.9	2131.0	2279.5	2461.6	2662.7	2867.2	3049.6	3206.3	3343.0	3438.7
-50°	1575.1	1736.4	1897.6	2048.0	2205.7	2368.5	2534.3	2694.4	2843.1	2976.0	3057.5
-52.5°	1386.8	1535.6	1676.5	1808.0	1946.0	2083.6	2220.9	2367.5	2504.3	2630.1	2695.1
-55°	1216.4	1350.6	1477.8	1588.5	1699.3	1808.3	1926.0	2061.4	2187.4	2303.9	2350.6
-57.5°	1063.5	1178.3	1290.9	1384.5	1474.9	1561.7	1665.0	1779.3	1889.6	1989.4	2027.6
-60°	922.8	1013.9	1108.0	1191.1	1269.9	1344.3	1434.4	1526.5	1615.9	1691.2	1723.7
-62.5°	793.4	871.3	942.6	1010.1	1076.9	1143.9	1216.6	1289.6	1361.9	1419.9	1449.2
-65°	668.6	730.7	788.0	843.5	897.4	953.7	1010.6	1066.1	1119.6	1161.0	1186.5
-67.5°	551.5	598.7	644.1	687.4	732.5	778.1	822.7	865.2	905.3	937.4	961.7
-70°	447.7	484.2	519.8	555.6	593.2	628.7	662.2	694.0	723.9	747.0	765.8
-72.5°	360.9	390.5	421.2	453.5	483.9	510.4	534.5	557.7	580.0	593.0	602.8
-75°	291.0	315.9	342.6	368.7	394.1	414.3	431.9	449.1	465.5	466.4	463.1
-77.5°	235.1	257.3	278.0	298.5	318.8	331.2	342.1	353.2	364.5	358.0	347.6
-80°	172.5	191.1	208.6	226.3	243.9	251.2	256.4	260.8	264.6	256.1	245.5
-82.5°	114.5	126.2	137.6	149.2	161.0	165.7	169.2	172.1	174.4	166.7	157.8
-85°	63.9	69.5	75.0	80.6	86.2	89.5	92.5	95.2	97.8	93.2	88.0
-87.5°	26.5	27.8	29.1	30.3	31.5	32.7	33.8	34.9	36.0	36.2	36.3
-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: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.0
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°	1.1	0.2	0.0	0.0	0.0	0.2	1.1	1.9	2.4	2.7	2.6
62.5°	6.7	7.0	7.2	7.3	7.2	7.0	6.7	6.4	6.2	6.5	7.0
60°	12.9	11.3	11.0	11.0	11.0	11.3	12.9	14.1	14.5	21.2	24.9
57.5°	101.2	86.7	88.8	98.6	88.8	86.7	101.2	109.6	110.2	128.0	128.7
55°	473.2	528.2	547.6	536.9	547.6	528.2	473.2	414.9	359.4	342.2	342.3
52.5°	641.1	663.7	672.4	672.1	672.4	663.7	641.1	610.9	572.6	534.8	497.7
50°	834.6	827.0	815.3	803.6	815.3	827.0	834.6	825.9	797.2	741.3	651.7
47.5°	1392.9	1368.8	1358.6	1377.0	1358.6	1368.8	1392.9	1377.2	1270.0	1130.9	1028.2
45°	1851.0	1879.3	1900.4	1899.3	1900.4	1879.3	1851.0	1827.3	1711.0	1551.7	1388.0
42.5°	2111.9	2126.9	2131.3	2125.8	2131.3	2126.9	2111.9	2085.5	1951.1	1780.9	1593.5
40°	2344.3	2362.2	2372.4	2381.5	2372.4	2362.2	2344.3	2309.7	2199.5	2041.0	1864.7
37.5°	2687.0	2693.5	2679.2	2670.0	2679.2	2693.5	2687.0	2665.2	2599.0	2396.6	2253.4
35°	3527.2	3544.4	3504.6	3546.6	3504.6	3544.4	3527.2	3441.0	3338.8	3218.9	2892.8
32.5°	4333.0	4413.6	4478.8	4532.8	4478.8	4413.6	4333.0	4250.6	4181.4	3950.0	3523.7
30°	4789.4	4841.5	4869.4	4876.2	4869.4	4841.5	4789.4	4725.3	4633.4	4337.6	3943.3
27.5°	5124.5	5179.1	5213.0	5237.8	5213.0	5179.1	5124.5	5065.3	4958.0	4656.2	4269.2
25°	5447.6	5497.5	5531.4	5544.6	5531.4	5497.5	5447.6	5387.3	5255.8	5000.6	4619.5
22.5°	5782.8	5817.4	5850.0	5866.0	5850.0	5817.4	5782.8	5712.2	5569.6	5366.0	4962.2
20°	6263.2	6244.4	6274.1	6264.2	6274.1	6244.4	6263.2	6155.3	6005.1	5792.9	5403.0
17.5°	7242.4	7252.6	7272.4	7305.1	7272.4	7252.6	7242.4	7099.3	6915.7	6724.1	6181.6
15°	8473.9	8498.7	8624.6	8736.9	8624.6	8498.7	8473.9	8335.4	8022.9	7746.4	7127.5
12.5°	9008.0	9093.8	9107.0	9138.7	9107.0	9093.8	9008.0	8812.8	8602.4	8249.8	7688.1
10°	9186.3	9334.8	9331.6	9368.8	9331.6	9334.8	9186.3	9016.4	8844.7	8543.9	7955.8
7.5°	9321.5	9481.0	9548.4	9577.0	9548.4	9481.0	9321.5	9206.4	9036.9	8745.4	8144.1
5°	9486.6	9574.4	9690.7	9657.4	9690.7	9574.4	9486.6	9342.2	9127.8	8818.0	8269.8
2.5°	9555.8	9693.2	9661.5	9693.9	9661.5	9693.2	9555.8	9361.0	9163.8	8914.6	8434.9
0°	9602.6	9701.2	9715.8	9748.7	9715.8	9701.2	9602.6	9409.0	9208.1	8967.1	8481.3
-2.5°	9545.9	9632.8	9784.7	9737.7	9784.7	9632.8	9545.9	9368.3	9177.2	8934.0	8496.9
-5°	9496.3	9709.9	9626.9	9730.4	9626.9	9709.9	9496.3	9307.1	9117.1	8854.2	8397.0
-7.5°	9470.7	9508.8	9563.9	9642.8	9563.9	9508.8	9470.7	9255.4	9047.5	8770.2	8307.1
-10°	9272.4	9311.4	9412.6	9467.5	9412.6	9311.4	9272.4	9173.8	8931.4	8637.0	8193.8
-12.5°	9057.4	9133.0	9239.3	9273.9	9239.3	9133.0	9057.4	8948.0	8774.9	8453.7	8013.1
-15°	8809.7	8922.1	9025.7	9047.4	9025.7	8922.1	8809.7	8680.5	8489.1	8227.8	7795.2
-17.5°	8494.8	8629.5	8738.4	8762.5	8738.4	8629.5	8494.8	8350.1	8162.0	7928.6	7575.9
-20°	8147.7	8276.8	8369.4	8397.3	8369.4	8276.8	8147.7	7996.2	7818.6	7594.3	7261.9



REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	7776.2	7892.4	7970.7	7958.9	7970.7	7892.4	7776.2	7625.8	7461.6	7257.4	6900.0
-25°	7381.7	7489.6	7564.1	7553.5	7564.1	7489.6	7381.7	7250.4	7087.6	6870.7	6550.6
-27.5°	6964.7	7066.8	7138.5	7140.8	7138.5	7066.8	6964.7	6838.3	6674.6	6455.9	6182.6
-30°	6526.5	6619.3	6677.5	6655.0	6677.5	6619.3	6526.5	6403.9	6251.9	6039.4	5751.2
-32.5°	6074.5	6158.4	6211.7	6227.6	6211.7	6158.4	6074.5	5968.0	5839.9	5645.2	5337.3
-35°	5628.7	5702.6	5748.7	5760.1	5748.7	5702.6	5628.7	5531.4	5406.5	5252.5	4948.5
-37.5°	5185.8	5249.4	5281.6	5267.0	5281.6	5249.4	5185.8	5096.3	4983.7	4851.4	4588.6
-40°	4748.0	4808.6	4845.5	4854.3	4845.5	4808.6	4748.0	4666.7	4562.1	4433.1	4222.4
-42.5°	4317.6	4368.0	4400.4	4416.0	4400.4	4368.0	4317.6	4247.7	4137.6	3994.4	3825.0
-45°	3900.0	3945.1	3975.4	3992.3	3975.4	3945.1	3900.0	3837.4	3730.2	3591.8	3433.1
-47.5°	3493.6	3533.1	3559.3	3572.2	3559.3	3533.1	3493.6	3438.7	3343.0	3206.3	3049.6
-50°	3105.1	3139.3	3163.7	3177.7	3163.7	3139.3	3105.1	3057.5	2976.0	2843.1	2694.4
-52.5°	2736.6	2766.5	2787.3	2797.9	2787.3	2766.5	2736.6	2695.1	2630.1	2504.3	2367.5
-55°	2384.6	2408.9	2428.1	2439.9	2428.1	2408.9	2384.6	2350.6	2303.9	2187.4	2061.4
-57.5°	2056.5	2076.3	2094.5	2107.5	2094.5	2076.3	2056.5	2027.6	1989.4	1889.6	1779.3
-60°	1749.4	1768.1	1783.6	1793.4	1783.6	1768.1	1749.4	1723.7	1691.2	1615.9	1526.5
-62.5°	1472.1	1488.7	1502.9	1512.2	1502.9	1488.7	1472.1	1449.2	1419.9	1361.9	1289.6
-65°	1206.4	1221.2	1231.8	1238.2	1231.8	1221.2	1206.4	1186.5	1161.0	1119.6	1066.1
-67.5°	982.4	999.5	1002.9	1000.8	1002.9	999.5	982.4	961.7	937.4	905.3	865.2
-70°	782.5	797.0	800.4	799.9	800.4	797.0	782.5	765.8	747.0	723.9	694.0
-72.5°	611.8	619.7	613.0	602.7	613.0	619.7	611.8	602.8	593.0	580.0	557.7
-75°	459.1	454.1	447.0	438.3	447.0	454.1	459.1	463.1	466.4	465.5	449.1
-77.5°	336.3	323.8	315.7	306.8	315.7	323.8	336.3	347.6	358.0	364.5	353.2
-80°	234.1	221.9	213.5	204.5	213.5	221.9	234.1	245.5	256.1	264.6	260.8
-82.5°	148.3	138.3	133.2	127.8	133.2	138.3	148.3	157.8	166.7	174.4	172.1
-85°	82.4	76.4	73.0	69.4	73.0	76.4	82.4	88.0	93.2	97.8	95.2
-87.5°	36.4	36.4	34.7	32.9	34.7	36.4	36.4	36.3	36.2	36.0	34.9
-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: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	20.1	19.2	18.3	17.4	16.5	15.5	14.6	13.7	12.8	11.9	11.0
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	0.1	0.1	0.0	0.0	0.3	0.5	0.2	0.0	0.4
67.5°	0.0	0.0	0.7	1.5	1.9	1.9	1.7	1.9	2.2	2.0	1.9
65°	2.2	1.4	0.9	1.8	2.8	3.7	3.9	3.4	3.3	3.8	4.5
62.5°	7.4	7.7	6.6	5.6	4.8	5.4	5.8	6.2	5.5	4.4	5.7
60°	22.0	13.4	19.6	20.9	16.6	14.4	21.6	20.6	10.7	9.3	8.3
57.5°	106.0	88.7	97.4	88.5	60.6	52.8	54.7	52.2	47.3	29.0	12.4
55°	365.2	313.0	245.9	212.4	204.7	156.5	116.6	97.3	88.3	63.7	42.2
52.5°	463.9	431.3	380.5	310.5	273.2	259.2	221.6	177.3	140.8	112.6	80.8
50°	581.7	590.4	538.3	441.4	403.1	361.7	325.2	273.9	227.7	182.6	134.8
47.5°	949.0	884.0	831.8	759.5	622.1	534.5	476.9	393.0	329.7	275.1	216.1
45°	1265.3	1190.9	1139.8	1027.6	881.8	746.2	655.6	550.4	438.4	365.4	311.9
42.5°	1490.0	1393.7	1309.7	1218.2	1078.8	925.9	801.7	697.6	579.9	461.6	390.3
40°	1709.8	1557.2	1474.0	1392.1	1260.7	1089.1	992.4	839.5	716.5	585.3	488.1
37.5°	2037.7	1778.2	1748.8	1669.9	1521.3	1342.9	1234.0	1083.2	855.2	731.4	619.6
35°	2591.8	2324.4	2170.1	2092.8	1900.2	1672.7	1493.5	1352.7	1126.4	882.9	754.0
32.5°	3202.5	2864.1	2629.8	2519.5	2312.8	2004.2	1783.1	1604.0	1376.9	1101.3	894.6
30°	3547.2	3238.7	2956.5	2767.9	2566.9	2301.7	2048.0	1795.0	1548.5	1320.5	1046.9
27.5°	3868.1	3483.4	3179.2	2966.2	2778.1	2523.1	2242.4	1971.2	1700.4	1475.1	1231.0
25°	4173.9	3747.5	3416.0	3165.9	2947.1	2745.3	2428.0	2131.7	1849.1	1600.2	1409.3
22.5°	4458.6	4062.8	3680.8	3354.0	3168.6	2951.9	2639.1	2280.2	2004.1	1794.8	1570.1
20°	4927.6	4484.5	4000.9	3718.0	3545.6	3210.8	2856.9	2502.1	2248.5	2008.7	1744.5
17.5°	5700.7	5147.9	4569.5	4266.7	4022.6	3611.9	3160.9	2808.9	2492.3	2225.1	1934.3
15°	6547.1	5835.5	5262.5	4871.2	4484.5	4003.5	3481.5	3101.1	2741.4	2440.7	2108.7
12.5°	6965.5	6287.9	5781.1	5229.7	4730.8	4294.9	3801.0	3381.6	2973.4	2581.6	2216.6
10°	7215.1	6541.8	5968.4	5418.1	4918.0	4498.6	4039.8	3543.0	3089.4	2674.8	2306.5
7.5°	7409.2	6715.5	6104.9	5557.0	5050.2	4607.8	4168.7	3647.9	3182.2	2750.1	2378.7
5°	7543.6	6850.9	6231.7	5677.7	5144.2	4686.2	4264.5	3727.3	3251.4	2807.3	2433.6
2.5°	7682.1	6956.0	6311.1	5755.8	5204.2	4735.8	4322.4	3788.0	3307.7	2849.8	2479.3
0°	7736.1	7016.6	6366.4	5796.6	5237.8	4755.6	4339.2	3827.9	3345.8	2874.6	2509.3
-2.5°	7770.9	7036.4	6388.1	5823.1	5282.2	4786.9	4358.1	3872.7	3357.8	2901.3	2517.7
-5°	7718.2	7013.0	6369.9	5801.2	5283.1	4789.3	4344.9	3879.3	3354.8	2908.4	2511.2
-7.5°	7653.4	6951.2	6300.8	5742.9	5245.0	4756.3	4305.6	3850.2	3343.3	2896.7	2498.9
-10°	7543.9	6852.6	6233.4	5682.3	5178.1	4685.9	4248.4	3795.1	3305.9	2863.6	2469.9
-12.5°	7397.9	6728.1	6116.6	5571.5	5087.8	4613.5	4185.0	3719.0	3242.2	2808.4	2423.9
-15°	7205.0	6565.1	5971.9	5440.6	4972.8	4519.2	4091.0	3634.7	3180.1	2740.3	2360.9
-17.5°	6993.9	6350.1	5765.9	5265.4	4821.6	4391.7	3971.5	3546.2	3108.5	2676.5	2304.2
-20°	6754.2	6122.0	5543.3	5058.1	4639.4	4232.0	3843.5	3447.2	3009.2	2603.1	2244.6



REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	6409.4	5850.9	5320.3	4844.6	4444.3	4071.5	3697.3	3314.1	2880.4	2511.0	2163.5
-25°	6068.4	5549.2	5072.2	4635.0	4248.5	3894.4	3530.5	3150.6	2765.7	2403.0	2064.4
-27.5°	5734.7	5253.9	4778.7	4385.6	4038.5	3692.6	3350.7	2991.3	2636.9	2281.4	1971.3
-30°	5374.6	4924.8	4496.4	4127.5	3798.8	3478.8	3171.3	2835.8	2487.0	2149.7	1870.8
-32.5°	4979.1	4584.3	4206.7	3859.3	3552.2	3268.7	2976.8	2658.8	2314.2	2026.6	1754.5
-35°	4595.1	4230.8	3904.9	3598.5	3319.7	3060.2	2777.7	2459.2	2156.6	1886.8	1623.2
-37.5°	4251.5	3896.6	3594.8	3330.9	3098.0	2852.0	2570.2	2287.6	2003.2	1731.1	1501.1
-40°	3896.0	3564.8	3296.8	3082.2	2859.3	2637.9	2389.9	2127.1	1846.5	1580.7	1381.3
-42.5°	3551.3	3284.1	3019.9	2805.1	2605.3	2424.0	2214.8	1949.5	1691.6	1460.7	1269.0
-45°	3213.9	2971.2	2729.9	2534.1	2367.9	2197.9	2010.8	1769.7	1538.0	1339.8	1159.0
-47.5°	2867.2	2662.7	2461.6	2279.5	2131.0	1965.9	1785.3	1581.1	1391.2	1212.5	1052.5
-50°	2534.3	2368.5	2205.7	2048.0	1897.6	1736.4	1575.1	1410.2	1240.8	1085.1	939.9
-52.5°	2220.9	2083.6	1946.0	1808.0	1676.5	1535.6	1386.8	1240.1	1091.1	961.0	831.3
-55°	1926.0	1808.3	1699.3	1588.5	1477.8	1350.6	1216.4	1084.3	965.4	845.9	740.1
-57.5°	1665.0	1561.7	1474.9	1384.5	1290.9	1178.3	1063.5	951.9	853.2	754.3	656.4
-60°	1434.4	1344.3	1269.9	1191.1	1108.0	1013.9	922.8	834.4	749.1	668.3	584.0
-62.5°	1216.6	1143.9	1076.9	1010.1	942.6	871.3	793.4	722.1	655.9	588.0	511.7
-65°	1010.6	953.7	897.4	843.5	788.0	730.7	668.6	612.2	558.2	503.0	437.1
-67.5°	822.7	778.1	732.5	687.4	644.1	598.7	551.5	504.4	460.4	415.4	361.9
-70°	662.2	628.7	593.2	555.6	519.8	484.2	447.7	409.6	369.4	332.6	296.0
-72.5°	534.5	510.4	483.9	453.5	421.2	390.5	360.9	331.2	300.6	269.2	237.2
-75°	431.9	414.3	394.1	368.7	342.6	315.9	291.0	265.4	237.5	207.0	177.2
-77.5°	342.1	331.2	318.8	298.5	278.0	257.3	235.1	207.2	178.8	150.6	126.1
-80°	256.4	251.2	243.9	226.3	208.6	191.1	172.5	148.2	124.0	101.3	83.0
-82.5°	169.2	165.7	161.0	149.2	137.6	126.2	114.5	97.6	81.4	66.1	52.6
-85°	92.5	89.5	86.2	80.6	75.0	69.5	63.9	54.6	45.8	37.6	30.4
-87.5°	33.8	32.7	31.5	30.3	29.1	27.8	26.5	23.8	21.2	18.6	16.2
-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: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.1	9.2	8.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	1.1
82.5°	0.0	0.0	0.0	0.1	0.6	1.0	1.1	1.0	0.5	0.1	0.3
80°	0.0	0.0	0.0	0.1	0.9	2.0	2.4	2.5	1.9	1.3	0.7
77.5°	0.0	0.0	0.0	0.0	0.4	1.1	2.1	3.4	3.3	2.6	1.8
75°	0.0	0.0	0.0	0.1	0.2	0.1	0.8	1.9	3.0	3.6	2.9
72.5°	0.0	0.0	0.0	0.5	1.0	1.0	0.6	0.6	2.1	3.1	3.7
70°	0.5	0.2	0.0	0.6	1.5	2.3	2.1	1.7	1.4	2.7	3.5
67.5°	1.7	1.9	1.4	1.0	1.7	2.6	3.4	3.3	2.9	2.4	3.4
65°	4.3	4.0	3.6	3.2	2.8	2.7	3.6	4.5	4.3	3.7	3.4
62.5°	6.4	6.4	5.9	5.4	4.8	4.1	3.9	5.1	5.6	4.9	4.2
60°	8.2	8.6	8.2	7.5	6.8	6.0	5.5	5.8	6.4	6.2	5.3
57.5°	11.4	11.1	10.9	9.9	8.7	7.8	7.3	7.2	7.4	7.2	6.3
55°	20.0	14.0	14.1	13.0	11.2	9.7	9.2	8.9	8.5	8.4	7.4
52.5°	50.7	28.2	18.1	16.7	14.6	11.9	11.1	10.6	10.1	9.6	8.5
50°	93.7	60.6	34.3	21.6	18.4	15.7	13.0	12.3	11.6	10.9	9.5
47.5°	149.9	104.3	67.8	34.0	23.7	19.6	16.3	14.1	13.1	12.2	10.5
45°	231.0	153.6	106.5	67.3	31.6	27.0	20.1	15.8	14.7	13.5	11.5
42.5°	321.4	225.4	149.5	101.7	60.4	37.4	24.1	19.1	16.2	14.8	12.7
40°	410.0	311.6	200.7	140.2	91.1	50.1	34.6	22.8	17.7	16.3	13.9
37.5°	508.1	402.7	281.2	181.3	122.4	76.5	47.5	26.5	20.1	17.8	15.2
35°	629.4	503.7	361.8	241.5	162.0	101.0	61.7	33.8	24.7	19.4	16.5
32.5°	750.5	604.7	448.8	311.5	203.5	123.5	80.3	48.2	30.1	21.1	17.8
30°	872.5	697.1	530.7	376.4	251.2	159.7	100.3	62.2	36.2	22.8	19.2
27.5°	982.3	784.3	607.5	444.1	307.2	198.0	121.2	75.8	43.1	25.8	20.7
25°	1106.3	878.5	683.0	508.9	358.3	237.9	142.6	89.1	53.1	31.1	22.1
22.5°	1265.8	975.4	752.9	567.6	409.0	276.0	170.2	106.7	64.1	36.7	23.5
20°	1424.5	1070.0	821.5	641.1	464.1	318.9	202.1	124.2	74.5	42.4	24.9
17.5°	1580.2	1191.2	921.2	716.3	523.1	359.0	231.9	141.3	84.3	48.3	26.4
15°	1719.7	1330.1	1019.3	787.3	580.9	396.1	259.5	158.0	93.5	54.2	28.2
12.5°	1836.9	1449.9	1111.6	853.8	636.5	430.0	284.7	174.0	102.0	60.8	30.7
10°	1933.8	1551.1	1197.2	915.3	689.1	460.5	307.4	190.0	112.0	67.8	33.4
7.5°	2011.2	1634.8	1275.0	971.1	736.8	489.0	331.7	206.9	121.7	74.4	36.1
5°	2069.4	1700.0	1335.2	1011.1	774.7	515.3	354.3	222.4	130.6	80.6	38.8
2.5°	2107.2	1748.1	1379.8	1042.4	805.6	537.3	374.0	236.3	138.8	86.3	41.4
0°	2129.4	1782.5	1413.5	1066.5	829.1	555.2	390.8	248.4	146.1	91.3	43.8
-2.5°	2149.3	1805.0	1443.0	1108.5	845.3	584.5	401.6	259.3	157.6	94.9	48.3
-5°	2155.9	1814.9	1462.3	1140.9	855.0	608.3	409.1	268.2	167.7	97.8	52.4
-7.5°	2144.8	1809.0	1469.1	1159.3	859.6	625.0	413.5	275.1	176.0	100.1	55.9
-10°	2120.1	1789.4	1460.2	1153.8	865.8	630.3	416.0	280.2	181.9	101.8	58.9
-12.5°	2083.5	1759.8	1440.9	1141.5	864.7	626.9	422.9	284.2	185.1	103.0	61.1
-15°	2035.5	1721.1	1411.6	1123.4	854.4	619.4	424.6	285.7	184.7	105.1	62.4
-17.5°	1979.0	1674.2	1372.3	1100.4	834.1	608.0	420.8	283.9	182.9	108.3	63.8
-20°	1922.5	1622.0	1325.6	1073.1	803.6	593.3	411.0	278.7	179.5	110.3	65.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	1856.2	1562.2	1285.3	1035.1	770.5	575.5	395.0	269.8	174.7	111.2	65.6
-25°	1780.0	1492.3	1236.8	982.9	744.4	555.4	378.5	257.2	168.5	110.9	65.4
-27.5°	1693.9	1417.7	1179.7	925.6	717.3	527.3	362.8	248.0	163.2	109.4	64.4
-30°	1597.8	1347.4	1111.5	870.6	684.3	497.0	342.3	237.6	160.9	107.3	62.6
-32.5°	1494.2	1268.2	1038.1	828.6	646.6	465.5	324.2	225.9	156.9	104.7	62.7
-35°	1397.1	1182.1	963.3	780.2	606.8	446.8	312.1	212.8	151.2	101.0	63.1
-37.5°	1293.0	1091.8	904.0	729.8	564.8	425.4	302.3	207.0	143.9	96.4	62.9
-40°	1192.9	1006.2	835.4	681.7	533.6	401.3	286.8	200.5	136.8	90.7	62.0
-42.5°	1091.7	925.7	769.8	629.3	504.3	377.9	267.1	190.6	131.2	87.4	60.6
-45°	998.4	842.5	699.9	583.7	471.7	348.0	251.9	178.1	124.2	85.1	59.3
-47.5°	900.4	757.8	636.1	533.7	429.0	315.6	232.5	168.2	115.8	82.0	58.5
-50°	799.2	677.6	576.4	478.8	376.9	288.5	211.9	156.5	112.8	79.6	57.0
-52.5°	710.7	607.2	515.4	422.3	337.5	256.8	196.2	143.9	108.9	77.6	55.0
-55°	634.5	540.3	455.3	376.0	300.0	233.4	178.5	138.0	103.9	75.0	52.5
-57.5°	567.1	478.2	405.9	334.7	268.7	211.0	166.0	130.9	98.7	71.5	50.3
-60°	501.6	428.6	361.1	297.6	239.5	191.6	156.3	122.7	92.6	67.0	47.9
-62.5°	441.1	376.8	318.0	260.7	213.3	175.9	145.1	113.1	85.3	61.4	44.6
-65°	377.6	322.8	273.1	228.1	189.5	157.4	130.7	102.3	75.7	54.7	40.4
-67.5°	311.5	271.3	232.6	195.1	163.5	136.6	114.1	87.9	64.4	47.0	35.4
-70°	259.4	224.1	191.2	161.8	136.1	114.1	93.2	71.0	51.9	40.2	30.2
-72.5°	206.5	177.7	150.8	127.3	109.0	90.3	71.3	54.3	43.1	33.2	24.7
-75°	152.9	133.4	115.8	99.6	83.0	66.7	54.4	43.2	33.9	25.8	20.8
-77.5°	110.9	96.9	84.0	73.7	62.3	51.4	41.1	31.7	25.7	21.4	17.5
-80°	75.4	68.0	60.8	53.6	44.4	35.8	29.6	24.4	20.7	17.3	14.1
-82.5°	47.5	43.5	40.0	36.3	31.0	26.2	22.0	18.4	15.6	13.0	11.5
-85°	28.2	26.1	24.0	22.0	19.0	16.4	15.1	14.0	12.8	11.6	10.4
-87.5°	15.9	15.7	15.4	15.2	14.4	13.7	13.1	12.5	11.5	10.4	9.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.8

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REPORT NUMBER: P627150 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	6.4	5.5	4.6	3.7	3.7	3.7
87.5°	2.7	3.1	3.4	3.6	3.7	3.7	3.7
85°	1.8	2.5	3.1	3.5	3.7	3.7	3.7
82.5°	0.9	1.9	2.8	3.3	3.7	3.7	3.7
80°	0.2	1.4	2.5	3.2	3.7	3.7	3.7
77.5°	1.1	1.2	2.2	3.1	3.7	3.7	3.7
75°	2.1	1.8	2.0	3.1	3.7	3.7	3.7
72.5°	3.0	2.4	2.3	3.0	3.7	3.7	3.7
70°	3.7	2.9	2.7	3.0	3.7	3.7	3.7
67.5°	3.8	3.5	3.0	3.1	3.7	3.7	3.7
65°	3.9	3.8	3.2	3.2	3.7	3.7	3.7
62.5°	4.1	4.1	3.5	3.3	3.7	3.7	3.7
60°	4.4	4.4	3.7	3.4	3.7	3.7	3.7
57.5°	5.2	4.8	4.0	3.5	3.7	3.7	3.7
55°	6.1	5.1	4.4	3.6	3.8	3.7	3.7
52.5°	7.1	5.6	4.8	3.6	3.9	3.7	3.7
50°	7.9	6.4	5.2	3.7	3.9	3.7	3.7
47.5°	8.8	7.1	5.6	3.8	4.0	3.7	3.7
45°	9.7	7.8	6.0	4.1	4.1	3.7	3.7
42.5°	10.5	8.5	6.5	4.4	4.3	3.7	3.7
40°	11.3	9.2	7.0	4.9	4.4	3.7	3.7
37.5°	12.1	9.8	7.5	5.4	4.5	3.7	3.7
35°	12.9	10.5	8.0	5.8	4.7	3.7	3.7
32.5°	13.7	11.1	8.5	6.3	4.8	3.7	3.7
30°	14.8	11.7	9.0	6.7	5.0	3.7	3.7
27.5°	15.9	12.2	9.6	7.2	5.2	3.7	3.7
25°	17.0	12.8	10.1	7.6	5.4	3.7	3.7
22.5°	18.0	13.3	10.7	8.0	5.6	3.7	3.7
20°	19.1	14.0	11.2	8.4	5.8	3.7	3.7
17.5°	20.1	14.6	11.7	8.8	6.0	3.7	3.7
15°	21.1	15.2	12.2	9.2	6.2	3.7	3.7
12.5°	22.1	15.8	12.7	9.5	6.4	3.7	3.7
10°	22.9	16.4	13.1	9.9	6.6	3.7	3.7
7.5°	23.7	16.9	13.5	10.2	6.8	3.7	3.7
5°	24.4	17.4	13.9	10.5	7.0	3.7	3.7
2.5°	25.1	17.9	14.3	10.7	7.1	3.7	3.7
0°	25.6	18.3	14.6	11.0	7.3	3.7	3.7
-2.5°	27.0	18.7	14.9	11.0	7.3	3.7	3.7
-5°	28.3	19.0	15.2	11.0	7.3	3.7	3.7
-7.5°	29.4	19.3	15.4	10.9	7.2	3.7	3.7
-10°	30.4	19.6	15.6	10.8	7.2	3.7	3.7
-12.5°	31.1	19.8	15.7	10.7	7.1	3.7	3.7
-15°	31.5	20.0	15.8	10.6	7.1	3.7	3.7
-17.5°	31.7	20.2	15.8	10.5	7.0	3.7	3.7
-20°	32.5	20.3	15.7	10.3	6.9	3.7	3.7

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CATALOG NUMBER: GFLD-SA3C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.6	20.4	15.5	10.2	6.8	3.7	3.7
-25°	36.3	21.7	15.2	10.0	6.6	3.7	3.7
-27.5°	37.6	23.5	14.8	9.7	6.5	3.7	3.7
-30°	38.5	24.9	14.5	9.5	6.3	3.7	3.7
-32.5°	39.0	26.1	15.0	9.3	6.2	3.7	3.7
-35°	40.1	27.1	15.4	9.0	6.0	3.7	3.7
-37.5°	41.2	27.7	15.6	8.7	5.8	3.7	3.7
-40°	41.8	27.9	15.8	8.4	5.6	3.7	3.7
-42.5°	42.0	27.9	15.9	8.2	5.4	3.7	3.7
-45°	41.8	27.7	15.9	8.3	5.2	3.7	3.7
-47.5°	41.2	27.3	15.8	8.2	5.0	3.7	3.7
-50°	40.3	26.7	15.5	8.1	4.7	3.7	3.7
-52.5°	39.2	25.8	15.1	7.9	4.5	3.7	3.7
-55°	37.8	24.8	14.4	7.7	4.2	3.7	3.7
-57.5°	36.1	23.4	13.6	7.5	4.0	3.7	3.7
-60°	34.1	21.8	12.6	7.1	3.7	3.7	3.7
-62.5°	31.4	20.0	11.9	6.8	3.7	3.7	3.7
-65°	28.3	17.9	11.2	6.3	3.7	3.7	3.7
-67.5°	24.9	16.1	10.3	5.8	3.7	3.7	3.7
-70°	21.2	14.6	9.4	5.3	3.7	3.7	3.7
-72.5°	18.7	13.0	8.4	5.2	3.7	3.7	3.7
-75°	16.3	11.4	7.3	5.2	3.7	3.7	3.7
-77.5°	13.8	9.6	6.9	5.1	3.7	3.7	3.7
-80°	11.2	8.7	6.7	5.0	3.7	3.7	3.7
-82.5°	10.1	8.1	6.4	4.9	3.7	3.7	3.7
-85°	9.2	7.6	6.1	4.8	3.7	3.7	3.7
-87.5°	8.3	7.0	5.8	4.7	3.7	3.7	3.7
-90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7

(END OF REPORT)