

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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626932 (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-SA2C-740-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

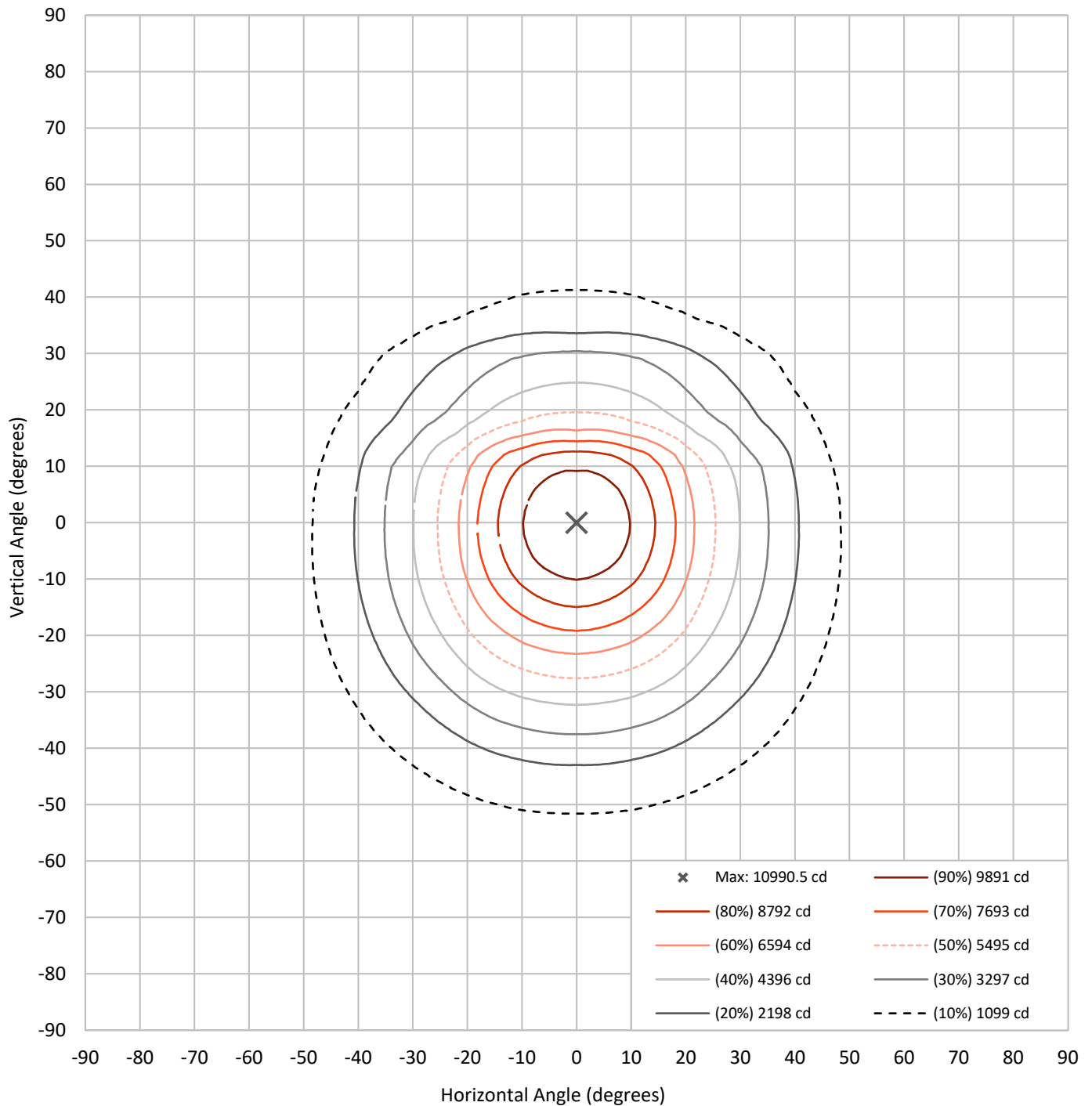
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9696 lumens	Max Intensity:	10990.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	4668.2 lumens	Field Lumens:	8681.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	82.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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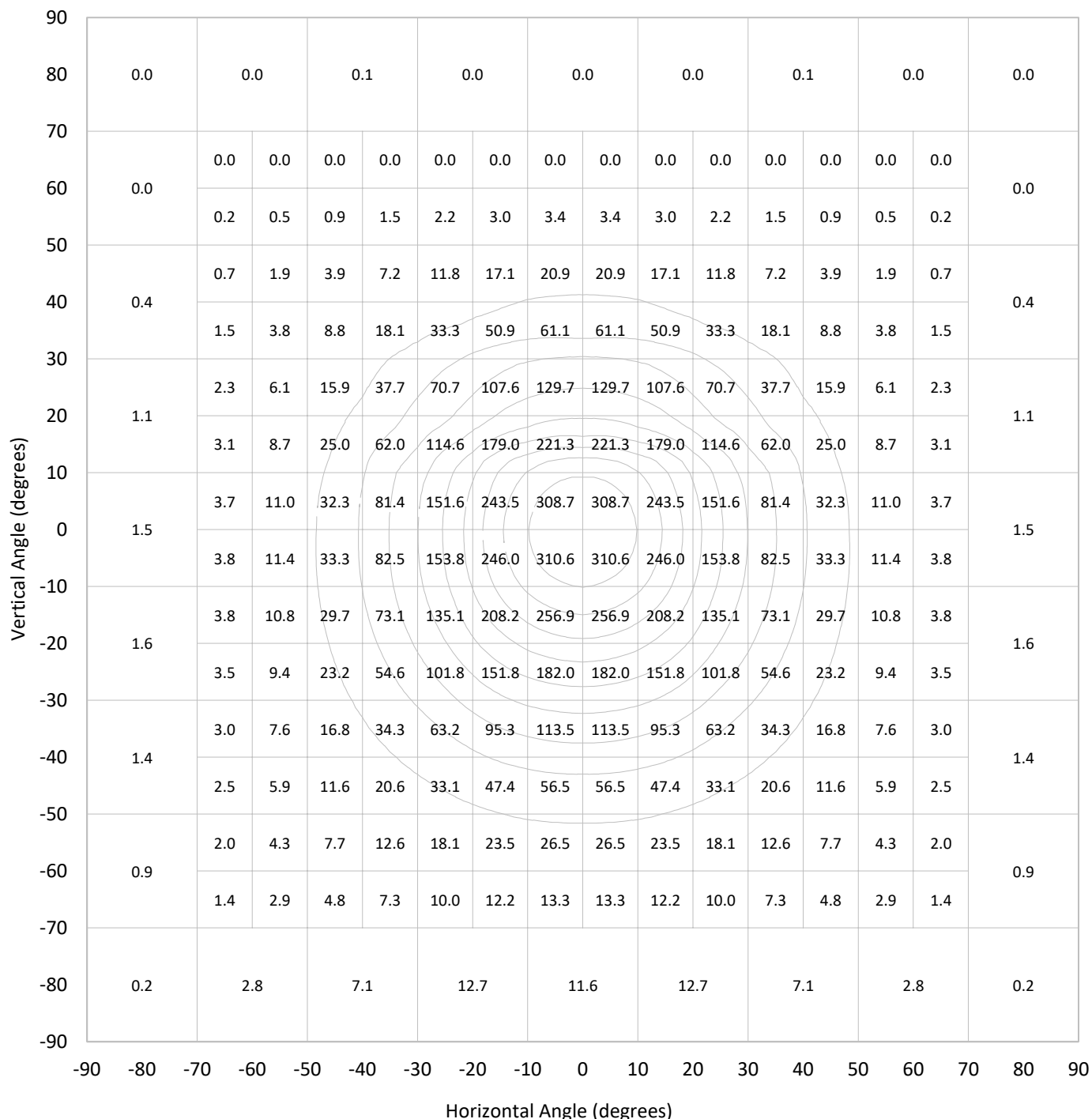
Iso-Candela Plot





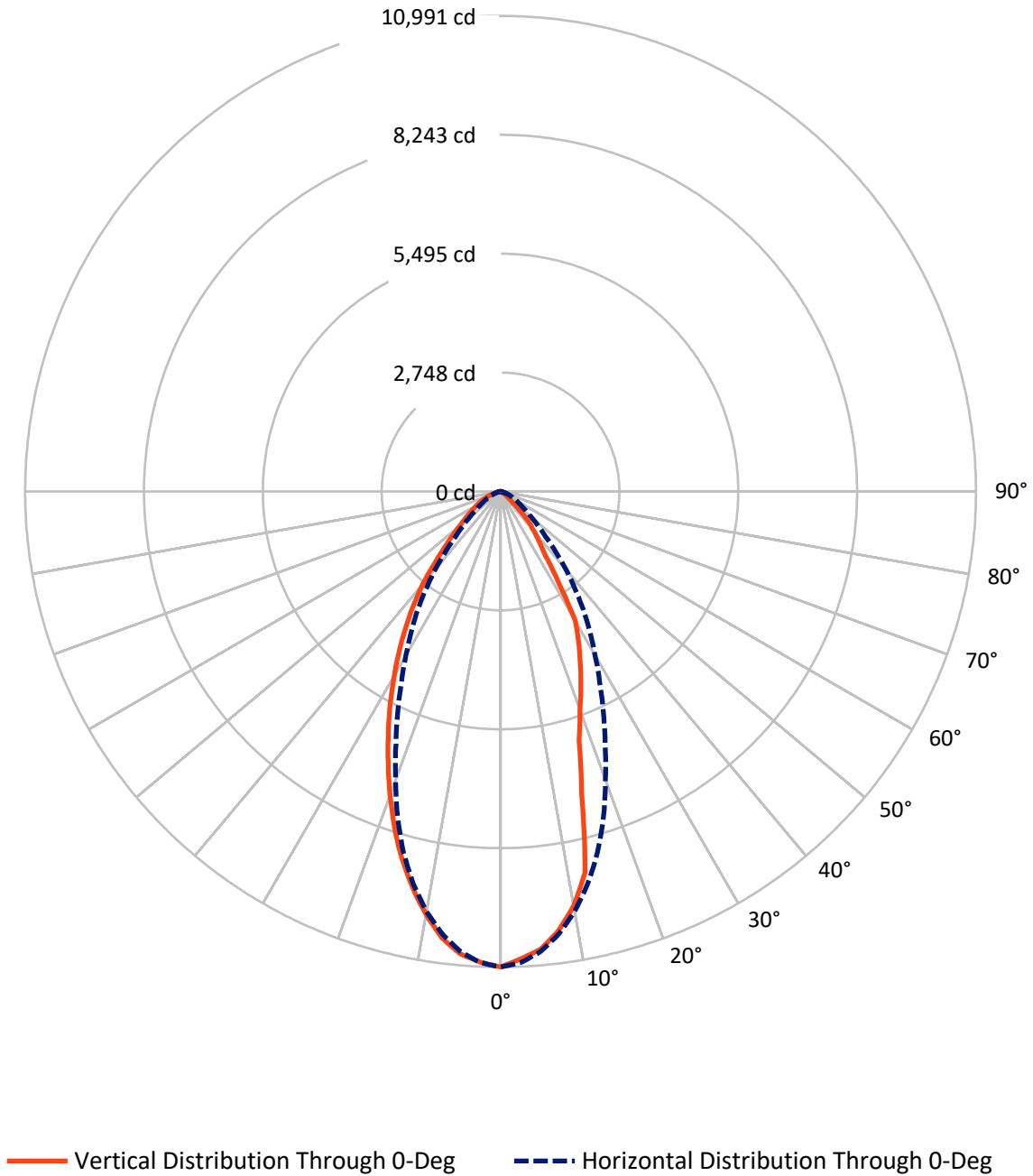
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Lumen Table



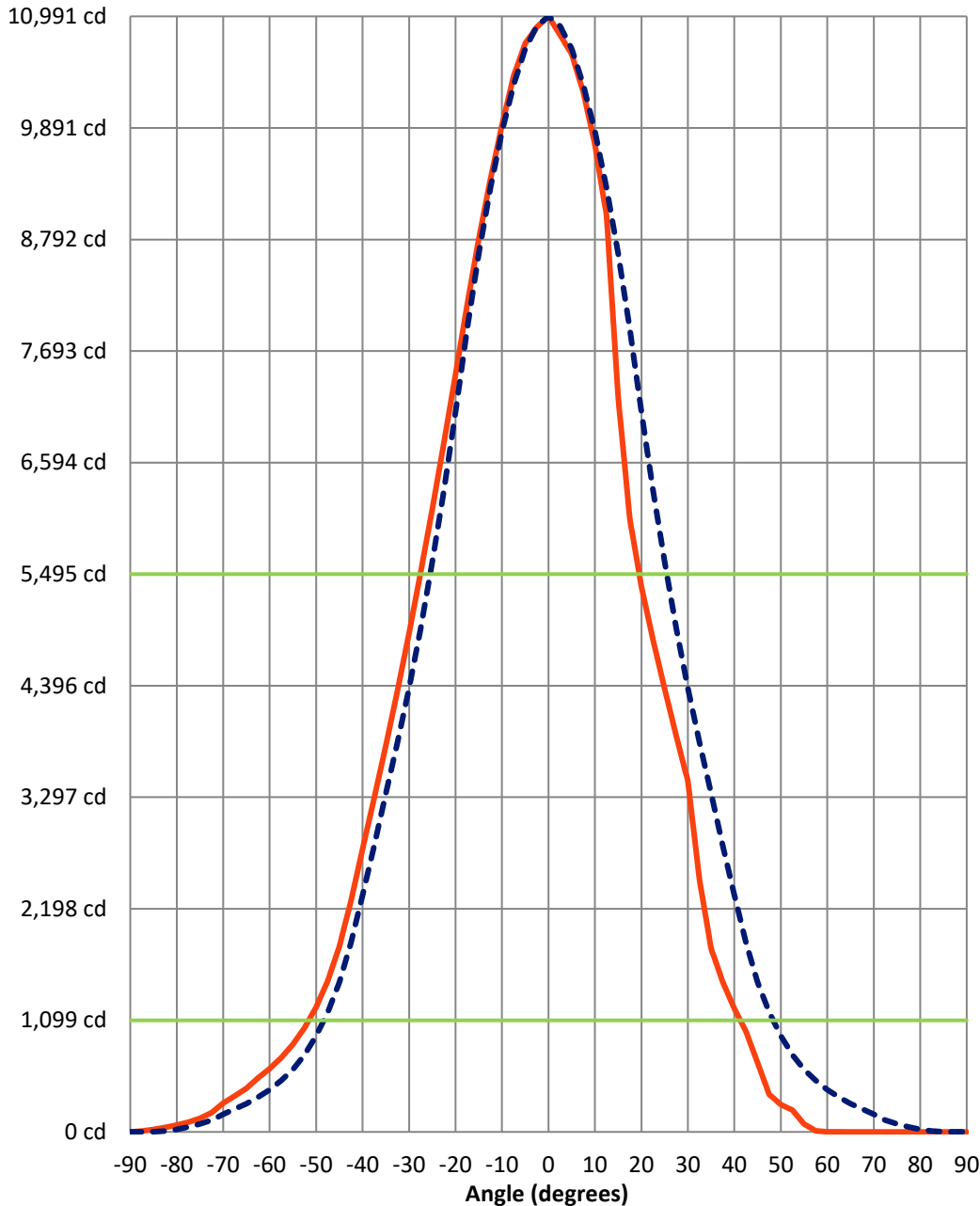
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 4668.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 8681.2
 Efficiency: 89.5%

Spill:
 Lumens: 1014.8
 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	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
67.5°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	0.8	0.8	1.0	1.0
65°	0.0	0.3	0.7	0.8	0.8	0.9	1.0	0.8	1.1	1.3	1.5
62.5°	0.0	0.4	0.7	0.8	0.8	1.1	1.1	1.1	1.5	2.1	3.3
60°	0.0	0.4	0.8	0.8	0.8	1.3	1.2	1.5	1.9	5.2	5.6
57.5°	0.0	0.4	0.8	0.8	1.0	1.5	2.1	2.1	5.1	8.7	9.6
55°	0.0	0.5	0.8	0.8	1.2	1.7	3.3	3.0	9.4	13.2	14.9
52.5°	0.0	0.5	0.8	0.8	1.5	2.2	4.6	7.4	14.0	19.6	21.1
50°	0.0	0.5	0.9	0.8	1.7	3.5	6.0	12.2	19.5	26.7	32.2
47.5°	0.0	0.5	0.9	0.9	2.0	5.0	8.0	17.1	26.9	34.5	43.8
45°	0.0	0.6	0.9	1.1	2.3	6.5	12.3	22.0	34.2	44.7	55.1
42.5°	0.0	0.6	0.9	1.3	2.6	8.2	16.5	27.8	41.6	54.7	67.8
40°	0.0	0.6	1.0	1.6	3.4	9.9	20.7	34.1	49.2	64.6	80.9
37.5°	0.0	0.6	1.0	1.9	4.7	11.7	24.9	40.4	57.4	74.7	94.4
35°	0.0	0.7	1.0	2.2	6.1	14.5	29.0	46.6	65.7	86.7	109.0
32.5°	0.0	0.7	1.1	2.6	7.5	17.8	33.4	52.6	74.0	99.1	125.5
30°	0.0	0.7	1.1	3.1	8.9	21.0	38.3	58.8	82.2	111.8	142.1
27.5°	0.0	0.7	1.1	3.5	10.5	24.1	43.1	65.6	91.3	124.6	158.8
25°	0.0	0.7	1.2	4.0	12.0	27.1	47.7	72.2	101.8	138.3	175.5
22.5°	0.0	0.7	1.2	4.4	13.6	30.0	52.0	78.6	112.2	152.1	192.4
20°	0.0	0.8	1.3	4.9	15.1	32.8	56.2	84.8	122.4	165.7	208.5
17.5°	0.0	0.8	1.3	5.4	16.5	35.5	60.1	90.8	132.3	178.9	223.7
15°	0.0	0.8	1.4	5.9	17.9	38.0	63.7	96.1	141.9	191.5	238.1
12.5°	0.0	0.8	1.4	6.4	19.2	40.3	66.9	100.5	149.9	203.6	251.6
10°	0.0	0.8	1.4	6.9	20.4	42.4	69.9	104.5	156.2	210.8	262.2
7.5°	0.0	0.8	1.5	7.4	21.5	44.3	72.5	107.9	161.8	216.2	267.7
5°	0.0	0.8	1.5	7.8	22.6	46.0	74.9	110.9	166.6	220.6	272.1
2.5°	0.0	0.8	1.6	8.2	23.5	47.5	76.9	113.4	170.5	223.8	275.6
0°	0.0	0.8	1.6	8.6	24.3	48.7	78.5	115.4	173.5	226.1	277.9
-2.5°	0.0	0.8	1.8	9.2	25.4	50.2	80.6	118.7	176.9	229.4	281.6
-5°	0.0	0.9	2.1	9.7	26.4	51.5	82.4	121.5	179.4	231.7	284.2
-7.5°	0.0	0.9	2.3	10.1	27.2	52.6	83.8	123.7	181.0	233.1	285.8
-10°	0.0	1.0	2.5	10.5	27.9	53.3	84.8	125.3	181.6	233.7	286.2
-12.5°	0.0	1.0	2.7	10.9	28.5	53.9	85.4	126.2	181.4	233.3	284.9
-15°	0.0	1.1	2.9	11.1	28.8	54.1	85.6	126.3	180.1	231.3	282.1
-17.5°	0.0	1.1	3.1	11.4	29.0	54.1	85.4	126.1	177.8	228.6	278.3
-20°	0.0	1.1	3.3	11.5	28.9	53.8	85.1	125.5	174.9	225.1	273.4

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CATALOG NUMBER: GFLD-SA2C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	3.4	11.6	28.7	53.2	85.2	124.4	171.4	221.1	267.5
-25°	0.0	1.2	3.5	11.6	28.3	53.0	84.8	122.7	167.5	216.4	260.5
-27.5°	0.0	1.2	3.6	11.5	27.6	52.7	84.0	120.5	163.1	210.9	254.1
-30°	0.0	1.2	3.7	11.4	26.8	52.2	82.7	117.9	159.3	204.8	247.2
-32.5°	0.0	1.2	3.8	11.1	26.5	51.3	81.0	115.6	155.5	198.4	239.8
-35°	0.0	1.2	3.8	10.8	25.9	50.0	79.5	113.2	151.2	191.8	231.9
-37.5°	0.0	1.2	3.8	10.4	25.2	48.7	77.7	110.3	146.4	185.0	222.7
-40°	0.0	1.2	3.8	9.9	24.2	47.5	75.4	106.9	141.1	178.7	212.8
-42.5°	0.0	1.2	3.8	9.4	23.4	46.0	72.7	103.0	136.2	170.5	202.2
-45°	0.0	1.1	3.7	9.1	23.0	44.2	69.6	98.9	131.1	161.6	191.3
-47.5°	0.0	1.1	3.6	8.6	22.3	42.1	66.1	94.7	125.5	152.5	181.2
-50°	0.0	1.1	3.5	8.4	21.3	39.8	63.0	90.1	118.1	144.2	170.7
-52.5°	0.0	1.0	3.3	8.3	20.2	37.1	59.7	84.9	110.7	135.5	160.1
-55°	0.0	1.0	3.2	8.1	18.8	34.9	56.0	79.4	103.2	126.5	150.1
-57.5°	0.0	1.0	3.0	7.8	17.2	32.5	52.0	74.4	95.2	117.4	139.8
-60°	0.0	0.9	2.8	7.3	15.4	29.8	47.7	68.5	87.1	107.9	129.1
-62.5°	0.0	0.8	2.6	6.8	14.3	26.8	43.5	61.9	79.0	98.1	118.1
-65°	0.0	0.8	2.4	6.2	13.1	23.5	38.9	55.0	70.4	87.8	106.7
-67.5°	0.0	0.7	2.2	5.5	11.7	20.6	33.9	48.1	61.3	76.8	94.0
-70°	0.0	0.6	2.0	4.7	10.2	18.1	28.6	40.9	52.8	65.4	80.4
-72.5°	0.0	0.6	1.8	4.2	8.5	15.3	24.3	33.5	43.9	55.0	66.7
-75°	0.0	0.5	1.6	3.6	6.8	12.4	20.0	27.3	34.8	44.4	54.4
-77.5°	0.0	0.4	1.3	3.1	5.6	9.4	15.4	21.4	27.7	34.2	41.9
-80°	0.0	0.3	1.1	2.5	4.5	7.1	10.6	15.5	20.6	25.9	31.6
-82.5°	0.0	0.3	0.8	1.9	3.4	5.4	7.8	10.3	13.4	17.5	21.8
-85°	0.0	0.2	0.5	1.3	2.3	3.6	5.3	6.9	8.8	10.9	13.2
-87.5°	0.0	0.1	0.3	0.6	1.2	1.8	2.6	3.5	4.4	5.5	6.6
-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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4
65°	0.8	0.8	1.1	1.2	0.8	0.8	0.8	0.8	0.8	0.7	0.7
62.5°	1.2	1.4	1.7	2.7	2.1	0.8	1.6	1.8	1.2	1.0	1.1
60°	3.4	2.3	6.0	8.4	5.5	2.9	3.6	7.1	5.9	1.6	4.2
57.5°	6.9	8.5	15.2	16.0	12.3	8.3	18.2	20.2	16.7	10.5	15.1
55°	14.4	20.3	25.6	25.4	25.5	32.1	37.7	37.0	32.6	45.0	56.7
52.5°	27.3	33.4	37.0	40.3	49.4	55.5	57.3	60.8	73.5	88.9	91.6
50°	40.1	46.4	51.1	63.0	72.4	77.2	81.7	93.4	112.8	123.3	125.0
47.5°	53.1	60.1	72.4	85.4	94.5	101.8	109.6	136.2	157.8	166.7	169.9
45°	66.6	78.7	94.0	107.5	118.0	127.8	153.1	189.4	204.6	218.3	253.2
42.5°	80.6	98.8	116.1	130.2	142.1	162.7	197.8	233.0	254.7	283.9	326.1
40°	98.4	118.9	139.0	153.3	168.1	199.3	242.8	280.1	303.1	342.2	390.3
37.5°	116.6	140.5	162.2	177.3	198.1	240.3	291.4	336.1	364.6	396.5	473.7
35°	134.6	162.6	184.8	205.0	230.8	289.0	352.0	401.6	436.9	491.5	589.2
32.5°	153.7	185.0	207.8	235.3	277.5	342.6	420.0	475.2	533.7	612.2	768.7
30°	174.1	206.0	232.2	265.3	321.9	397.9	487.7	557.0	636.4	763.9	932.6
27.5°	194.4	226.9	259.2	301.3	363.5	445.5	539.3	648.6	751.2	893.9	1078.2
25°	214.0	248.3	285.7	336.5	403.8	489.7	592.1	718.1	852.1	1015.2	1231.7
22.5°	232.6	270.0	313.7	368.3	437.8	531.6	653.7	801.8	962.8	1131.7	1380.5
20°	250.9	294.1	344.3	405.5	469.1	570.3	714.0	893.3	1095.0	1326.5	1570.3
17.5°	268.9	318.0	376.0	444.0	521.0	624.6	775.8	989.2	1234.8	1536.0	1836.2
15°	286.6	341.4	406.6	482.0	573.4	697.1	868.9	1103.5	1400.2	1760.9	2116.5
12.5°	303.7	364.2	436.0	519.1	624.2	765.5	956.7	1209.8	1549.7	1980.7	2417.5
10°	320.2	386.0	463.9	554.9	672.9	829.1	1034.2	1301.7	1662.5	2106.7	2592.5
7.5°	328.6	400.7	487.7	589.0	718.8	887.4	1101.8	1379.4	1750.6	2208.0	2695.1
5°	334.5	407.5	496.6	602.6	744.0	927.1	1153.4	1442.9	1815.6	2284.2	2764.6
2.5°	339.1	412.3	503.1	610.3	754.0	940.4	1170.5	1465.1	1850.4	2324.0	2805.2
0°	342.3	415.3	507.1	614.7	759.1	946.8	1178.3	1474.3	1865.2	2333.1	2819.9
-2.5°	345.7	419.4	511.3	621.5	766.3	955.5	1187.0	1480.8	1876.3	2335.7	2827.8
-5°	347.6	421.5	513.0	624.8	768.7	957.1	1186.4	1474.6	1867.5	2317.4	2810.5
-7.5°	348.1	421.8	512.1	624.1	765.7	949.7	1173.9	1456.2	1837.0	2280.2	2768.1
-10°	347.3	419.9	508.7	618.5	757.1	934.3	1151.4	1424.3	1787.0	2219.0	2696.4
-12.5°	344.7	416.0	502.7	609.3	743.2	912.4	1119.8	1378.8	1717.5	2133.9	2595.3
-15°	340.7	410.1	493.9	596.5	724.1	884.1	1079.2	1319.8	1628.0	2025.6	2469.4
-17.5°	335.1	402.4	482.5	580.1	699.6	849.9	1030.1	1250.7	1531.5	1904.8	2329.4
-20°	327.9	392.7	468.3	560.3	671.4	813.8	984.6	1189.6	1441.2	1766.5	2164.3

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	319.2	381.2	453.3	541.3	646.3	776.3	933.7	1120.2	1340.0	1606.6	1984.0
-25°	310.3	370.2	438.7	520.2	617.8	733.8	875.4	1045.4	1244.4	1488.5	1800.5
-27.5°	301.5	357.5	421.9	495.8	585.7	690.0	820.6	975.6	1152.9	1360.5	1614.6
-30°	291.6	343.3	403.3	470.3	555.0	651.8	764.7	897.5	1055.2	1242.8	1463.6
-32.5°	280.7	328.1	385.4	448.2	522.1	610.3	707.9	828.0	965.2	1119.9	1310.8
-35°	269.9	315.1	367.0	424.4	486.8	569.3	659.1	758.7	875.4	1012.4	1165.1
-37.5°	259.5	301.0	347.2	400.8	459.3	527.8	607.1	697.0	797.5	906.5	1038.4
-40°	247.9	285.7	329.4	378.0	429.7	489.1	560.6	636.9	723.4	819.3	921.2
-42.5°	235.4	271.6	311.5	353.4	400.9	453.9	513.2	583.0	654.9	735.2	824.1
-45°	223.0	256.4	292.8	331.1	371.0	417.9	471.7	529.8	593.5	659.1	733.8
-47.5°	210.0	240.5	274.5	307.7	343.1	383.1	428.8	481.5	534.6	593.0	651.0
-50°	197.0	225.6	254.2	285.2	317.0	350.2	388.8	434.3	482.6	531.1	582.1
-52.5°	185.4	210.1	235.9	262.6	291.5	321.1	353.2	390.7	433.0	475.7	519.6
-55°	173.5	196.2	217.6	241.5	266.5	293.1	321.8	353.4	385.3	424.1	461.9
-57.5°	161.9	182.1	200.6	221.0	243.2	265.9	291.7	318.6	347.5	376.9	407.8
-60°	150.3	167.4	184.2	201.8	220.5	240.6	261.4	285.0	309.9	335.4	362.2
-62.5°	138.2	152.1	167.0	183.1	199.5	215.0	232.4	251.7	272.1	294.1	316.8
-65°	124.7	136.3	148.7	162.7	178.1	190.6	204.0	218.4	235.4	253.4	271.3
-67.5°	110.3	120.6	130.7	141.1	153.6	164.8	175.8	187.3	199.9	214.7	229.0
-70°	94.3	104.5	113.4	122.1	130.0	138.0	147.3	156.4	166.6	179.8	192.9
-72.5°	78.1	87.6	96.0	103.3	108.9	113.7	119.4	126.0	135.8	148.1	159.6
-75°	63.2	70.9	78.7	85.8	89.4	90.8	92.0	95.5	105.4	118.0	129.1
-77.5°	49.2	55.9	62.3	68.4	71.0	72.0	72.4	72.4	79.7	90.5	101.8
-80°	36.2	40.9	46.4	51.6	53.1	53.6	53.7	53.3	59.3	67.0	75.3
-82.5°	25.2	28.5	32.0	35.6	36.1	35.8	35.3	34.8	39.6	45.2	50.9
-85°	14.7	16.1	18.2	20.4	20.6	20.5	20.2	19.5	22.2	25.2	28.4
-87.5°	7.3	8.0	8.8	9.5	9.2	8.8	8.4	7.8	8.5	9.3	10.1
-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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	0.7	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.8	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.8	0.7	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.8	0.6	0.4	0.2	0.1	0.2	0.2	0.1	0.0	0.0
62.5°	1.0	1.0	0.7	0.7	0.7	0.8	0.6	0.6	0.5	0.6	0.7
60°	4.4	2.5	2.6	3.3	2.8	1.3	2.6	3.3	3.0	2.3	2.0
57.5°	22.5	18.9	13.1	22.1	22.7	15.9	17.2	22.4	21.7	16.8	16.7
55°	56.8	57.6	61.8	67.4	71.6	73.5	75.1	83.6	92.6	101.4	105.9
52.5°	93.8	104.7	118.4	127.4	133.7	146.7	164.8	173.1	181.2	190.3	197.0
50°	138.1	157.2	170.9	172.9	194.4	208.4	211.6	227.2	244.2	254.7	262.3
47.5°	205.5	229.6	241.5	249.1	275.3	304.0	304.0	313.0	355.5	377.8	388.5
45°	295.9	316.1	337.2	392.0	442.4	458.4	492.6	539.0	569.2	610.7	656.3
42.5°	373.0	410.8	463.6	524.0	574.5	616.6	667.5	723.3	790.3	853.2	907.6
40°	449.3	496.0	561.5	627.1	690.8	749.1	831.1	902.8	981.8	1068.5	1140.7
37.5°	548.8	608.6	676.3	759.1	858.1	922.9	1035.6	1138.7	1227.7	1332.3	1396.8
35°	701.6	779.6	839.5	1006.9	1127.4	1203.1	1336.6	1506.0	1571.0	1702.8	1765.3
32.5°	893.7	997.3	1155.0	1376.7	1537.7	1677.0	1876.6	2048.5	2194.9	2327.3	2464.9
30°	1109.6	1269.5	1501.9	1796.6	1960.0	2155.2	2425.1	2628.9	2858.6	3110.7	3199.0
27.5°	1305.5	1545.0	1814.8	2053.5	2288.2	2531.4	2796.6	3058.4	3307.0	3516.8	3657.6
25°	1487.0	1777.1	2039.4	2294.4	2548.8	2822.6	3122.6	3419.5	3693.0	3908.9	4073.0
22.5°	1674.3	1980.7	2261.3	2520.1	2816.0	3126.3	3445.3	3785.8	4097.1	4321.1	4499.9
20°	1850.4	2191.2	2511.3	2805.9	3085.6	3443.8	3811.2	4172.3	4511.4	4778.1	4984.3
17.5°	2129.9	2425.7	2816.9	3199.7	3514.8	3843.8	4334.7	4707.5	5083.7	5403.2	5621.8
15°	2473.1	2798.4	3202.4	3728.0	4159.8	4536.8	5043.9	5650.3	6094.2	6502.0	6781.8
12.5°	2816.6	3184.6	3621.5	4213.0	4827.9	5271.9	5887.2	6655.6	7172.5	7803.9	8115.3
10°	3079.9	3541.9	3991.9	4531.8	5122.2	5754.6	6417.8	7136.7	7827.3	8369.6	8854.3
7.5°	3185.9	3678.1	4198.9	4749.8	5340.2	5992.8	6699.6	7447.7	8158.5	8764.1	9296.8
5°	3265.2	3769.4	4293.7	4857.0	5488.1	6169.6	6887.0	7672.4	8398.3	9047.4	9592.4
2.5°	3315.5	3824.5	4346.6	4919.2	5583.0	6284.7	7025.2	7831.3	8568.2	9236.4	9779.6
0°	3334.8	3836.5	4371.1	4960.7	5617.7	6321.1	7093.6	7909.3	8651.9	9298.0	9856.9
-2.5°	3337.4	3825.3	4372.7	4959.4	5588.1	6298.1	7079.9	7888.7	8616.3	9259.7	9823.7
-5°	3311.2	3798.9	4346.8	4924.6	5554.2	6258.8	7007.1	7788.6	8482.5	9108.8	9651.8
-7.5°	3258.2	3744.5	4280.2	4844.8	5457.4	6140.9	6859.5	7586.2	8266.9	8867.5	9385.8
-10°	3179.4	3655.5	4172.6	4722.7	5302.4	5952.5	6637.7	7332.0	7970.4	8525.8	9005.0
-12.5°	3072.7	3537.8	4031.6	4556.8	5096.4	5716.2	6363.2	7015.2	7597.0	8104.2	8534.1
-15°	2934.1	3388.3	3866.5	4363.2	4886.4	5446.9	6027.6	6625.7	7162.3	7612.0	8004.7
-17.5°	2770.8	3211.4	3665.5	4125.9	4622.4	5148.3	5687.3	6224.1	6681.8	7081.4	7440.5
-20°	2588.8	3013.3	3444.7	3873.8	4324.3	4810.7	5308.5	5780.0	6180.0	6543.0	6871.7



REPORT NUMBER: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	2384.7	2791.1	3204.5	3606.1	4012.4	4452.8	4897.3	5323.8	5697.9	6008.4	6294.0
-25°	2166.3	2541.8	2932.2	3308.7	3682.6	4077.3	4481.1	4873.4	5202.7	5472.3	5708.3
-27.5°	1946.2	2289.3	2633.3	2987.8	3333.3	3697.5	4063.1	4402.0	4697.6	4945.8	5144.1
-30°	1714.8	2021.5	2335.7	2656.4	2986.4	3319.7	3650.0	3946.7	4204.7	4423.1	4594.5
-32.5°	1522.5	1755.5	2032.9	2324.1	2633.4	2937.0	3224.4	3494.8	3738.0	3928.6	4073.9
-35°	1338.2	1535.5	1743.3	2001.0	2266.7	2546.1	2810.5	3051.8	3268.6	3435.2	3571.9
-37.5°	1179.8	1335.8	1511.5	1695.5	1918.3	2149.3	2387.9	2614.9	2808.1	2953.5	3075.6
-40°	1042.7	1165.9	1306.2	1452.1	1616.0	1782.0	1989.7	2181.3	2339.0	2474.9	2585.5
-42.5°	918.7	1022.7	1126.3	1246.0	1369.6	1503.0	1648.8	1790.5	1911.6	2025.3	2119.3
-45°	811.6	894.7	977.3	1069.7	1160.5	1269.0	1373.2	1466.1	1564.2	1649.3	1716.3
-47.5°	718.1	782.8	853.6	922.8	995.7	1077.4	1154.9	1225.6	1297.5	1359.8	1409.7
-50°	634.9	688.6	746.4	800.7	859.7	919.5	976.8	1033.0	1087.6	1135.0	1171.9
-52.5°	562.1	609.0	654.1	697.4	744.3	788.5	830.0	876.4	919.1	956.4	981.6
-55°	500.1	538.4	575.3	611.5	647.0	680.5	713.6	749.6	782.6	812.2	831.0
-57.5°	441.9	474.5	505.7	535.3	563.5	590.1	618.0	645.7	671.0	693.4	707.9
-60°	389.0	415.6	442.6	466.7	489.4	510.7	534.2	556.4	576.8	594.0	604.1
-62.5°	340.4	364.3	384.3	403.3	422.6	441.8	458.5	474.8	490.7	504.0	512.8
-65°	289.7	310.0	326.9	342.2	356.1	370.9	385.1	398.0	409.4	418.1	423.6
-67.5°	244.3	259.2	272.9	285.0	297.4	309.3	320.2	329.9	338.5	344.5	348.5
-70°	204.9	216.3	227.4	238.5	249.5	258.8	266.7	274.0	280.6	283.4	284.6
-72.5°	170.3	180.4	190.2	199.9	209.1	216.3	222.2	227.5	232.3	228.2	220.9
-75°	138.9	147.8	156.9	165.5	173.6	179.1	183.5	187.4	191.0	182.1	169.7
-77.5°	113.2	121.0	127.8	134.5	141.1	144.7	147.4	150.1	152.6	142.6	129.9
-80°	84.0	90.3	96.0	101.7	107.2	109.3	110.5	111.4	111.8	103.2	93.3
-82.5°	56.7	60.0	63.1	66.4	69.8	71.5	72.9	73.9	74.7	68.6	61.7
-85°	31.8	32.8	33.5	34.2	34.7	35.8	36.9	37.9	38.8	35.9	32.7
-87.5°	10.9	10.9	10.9	10.8	10.7	10.7	10.7	10.7	10.6	10.2	9.7
-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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.6
60°	1.5	1.0	0.8	0.8	0.8	1.0	1.5	2.0	2.3	3.0	3.3
57.5°	15.6	13.6	12.2	11.0	12.2	13.6	15.6	16.7	16.8	21.7	22.4
55°	104.0	96.8	88.1	77.7	88.1	96.8	104.0	105.9	101.4	92.6	83.6
52.5°	203.9	210.7	214.6	214.3	214.6	210.7	203.9	197.0	190.3	181.2	173.1
50°	268.4	272.1	272.3	269.3	272.3	272.1	268.4	262.3	254.7	244.2	227.2
47.5°	393.3	388.2	379.3	369.8	379.3	388.2	393.3	388.5	377.8	355.5	313.0
45°	686.3	702.9	701.8	680.6	701.8	702.9	686.3	656.3	610.7	569.2	539.0
42.5°	937.9	962.7	980.2	989.1	980.2	962.7	937.9	907.6	853.2	790.3	723.3
40°	1181.4	1205.3	1215.8	1215.2	1215.8	1205.3	1181.4	1140.7	1068.5	981.8	902.8
37.5°	1438.6	1469.6	1484.6	1477.4	1484.6	1469.6	1438.6	1396.8	1332.3	1227.7	1138.7
35°	1792.4	1821.3	1821.9	1807.2	1821.9	1821.3	1792.4	1765.3	1702.8	1571.0	1506.0
32.5°	2574.2	2583.9	2509.5	2483.1	2509.5	2583.9	2574.2	2464.9	2327.3	2194.9	2048.5
30°	3286.9	3355.6	3419.6	3451.8	3419.6	3355.6	3286.9	3199.0	3110.7	2858.6	2628.9
27.5°	3763.7	3846.4	3897.6	3900.9	3897.6	3846.4	3763.7	3657.6	3516.8	3307.0	3058.4
25°	4197.4	4289.9	4345.7	4364.8	4345.7	4289.9	4197.4	4073.0	3908.9	3693.0	3419.5
22.5°	4651.7	4760.7	4832.8	4847.6	4832.8	4760.7	4651.7	4499.9	4321.1	4097.1	3785.8
20°	5178.8	5305.6	5374.8	5372.0	5374.8	5305.6	5178.8	4984.3	4778.1	4511.4	4172.3
17.5°	5872.8	6008.8	6068.5	6042.4	6068.5	6008.8	5872.8	5621.8	5403.2	5083.7	4707.5
15°	7069.0	7353.5	7352.4	7238.8	7352.4	7353.5	7069.0	6781.8	6502.0	6094.2	5650.3
12.5°	8544.6	8756.6	8974.1	9020.9	8974.1	8756.6	8544.6	8115.3	7803.9	7172.5	6655.6
10°	9262.5	9544.1	9729.9	9725.0	9729.9	9544.1	9262.5	8854.3	8369.6	7827.3	7136.7
7.5°	9711.8	10022.8	10248.0	10243.2	10248.0	10022.8	9711.8	9296.8	8764.1	8158.5	7447.7
5°	10058.4	10403.4	10602.9	10617.6	10602.9	10403.4	10058.4	9592.4	9047.4	8398.3	7672.4
2.5°	10238.5	10598.6	10838.4	10806.8	10838.4	10598.6	10238.5	9779.6	9236.4	8568.2	7831.3
0°	10313.8	10670.2	10894.0	10990.5	10894.0	10670.2	10313.8	9856.9	9298.0	8651.9	7909.3
-2.5°	10280.9	10627.8	10875.0	10884.5	10875.0	10627.8	10280.9	9823.7	9259.7	8616.3	7888.7
-5°	10104.8	10470.8	10636.4	10724.4	10636.4	10470.8	10104.8	9651.8	9108.8	8482.5	7788.6
-7.5°	9820.7	10094.9	10305.4	10402.5	10305.4	10094.9	9820.7	9385.8	8867.5	8266.9	7586.2
-10°	9378.6	9662.5	9840.3	9920.5	9840.3	9662.5	9378.6	9005.0	8525.8	7970.4	7332.0
-12.5°	8888.8	9146.8	9315.9	9383.6	9315.9	9146.8	8888.8	8534.1	8104.2	7597.0	7015.2
-15°	8342.3	8576.6	8732.2	8797.1	8732.2	8576.6	8342.3	8004.7	7612.0	7162.3	6625.7
-17.5°	7740.8	7946.1	8101.2	8147.9	8101.2	7946.1	7740.8	7440.5	7081.4	6681.8	6224.1
-20°	7122.3	7307.9	7435.6	7463.4	7435.6	7307.9	7122.3	6871.7	6543.0	6180.0	5780.0



REPORT NUMBER: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	6499.0	6651.9	6755.6	6790.6	6755.6	6651.9	6499.0	6294.0	6008.4	5697.9	5323.8
-25°	5889.9	6021.9	6105.4	6136.6	6105.4	6021.9	5889.9	5708.3	5472.3	5202.7	4873.4
-27.5°	5304.1	5427.1	5503.8	5514.1	5503.8	5427.1	5304.1	5144.1	4945.8	4697.6	4402.0
-30°	4727.7	4829.3	4888.5	4913.5	4888.5	4829.3	4727.7	4594.5	4423.1	4204.7	3946.7
-32.5°	4189.1	4277.9	4331.0	4345.2	4331.0	4277.9	4189.1	4073.9	3928.6	3738.0	3494.8
-35°	3680.6	3762.5	3809.6	3805.9	3809.6	3762.5	3680.6	3571.9	3435.2	3268.6	3051.8
-37.5°	3176.5	3252.1	3294.8	3290.9	3294.8	3252.1	3176.5	3075.6	2953.5	2808.1	2614.9
-40°	2676.5	2741.7	2779.4	2788.5	2779.4	2741.7	2676.5	2585.5	2474.9	2339.0	2181.3
-42.5°	2197.4	2257.6	2287.7	2275.8	2287.7	2257.6	2197.4	2119.3	2025.3	1911.6	1790.5
-45°	1763.2	1794.3	1814.8	1827.6	1814.8	1794.3	1763.2	1716.3	1649.3	1564.2	1466.1
-47.5°	1446.3	1472.1	1486.0	1488.4	1486.0	1472.1	1446.3	1409.7	1359.8	1297.5	1225.6
-50°	1200.5	1222.5	1232.2	1229.4	1232.2	1222.5	1200.5	1171.9	1135.0	1087.6	1033.0
-52.5°	999.8	1012.5	1021.1	1025.3	1021.1	1012.5	999.8	981.6	956.4	919.1	876.4
-55°	845.1	855.0	860.8	862.8	860.8	855.0	845.1	831.0	812.2	782.6	749.6
-57.5°	720.0	729.5	732.9	731.7	732.9	729.5	720.0	707.9	693.4	671.0	645.7
-60°	611.8	617.2	621.2	623.3	621.2	617.2	611.8	604.1	594.0	576.8	556.4
-62.5°	519.7	524.8	529.0	531.5	529.0	524.8	519.7	512.8	504.0	490.7	474.8
-65°	427.5	429.8	430.4	429.4	430.4	429.8	427.5	423.6	418.1	409.4	398.0
-67.5°	351.5	353.4	354.6	354.8	354.6	353.4	351.5	348.5	344.5	338.5	329.9
-70°	285.8	286.5	285.6	283.4	285.6	286.5	285.8	284.6	283.4	280.6	274.0
-72.5°	213.5	205.7	197.9	189.2	197.9	205.7	213.5	220.9	228.2	232.3	227.5
-75°	157.0	143.7	138.9	134.2	138.9	143.7	157.0	169.7	182.1	191.0	187.4
-77.5°	116.7	102.9	99.2	95.8	99.2	102.9	116.7	129.9	142.6	152.6	150.1
-80°	82.9	72.2	69.8	67.5	69.8	72.2	82.9	93.3	103.2	111.8	111.4
-82.5°	54.5	47.0	45.5	44.0	45.5	47.0	54.5	61.7	68.6	74.7	73.9
-85°	29.3	25.8	25.1	24.3	25.1	25.8	29.3	32.7	35.9	38.8	37.9
-87.5°	9.1	8.6	8.6	8.6	8.6	8.6	9.1	9.7	10.2	10.6	10.7
-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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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	0.2	0.3	0.5	0.7	0.6	0.6	0.6	0.6
85°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
82.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.0	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.8
65°	0.2	0.1	0.2	0.4	0.6	0.8	0.8	0.7	0.7	0.8	0.8
62.5°	0.6	0.8	0.7	0.7	0.7	1.0	1.0	1.1	1.0	1.2	1.8
60°	2.6	1.3	2.8	3.3	2.6	2.5	4.4	4.2	1.6	5.9	7.1
57.5°	17.2	15.9	22.7	22.1	13.1	18.9	22.5	15.1	10.5	16.7	20.2
55°	75.1	73.5	71.6	67.4	61.8	57.6	56.8	56.7	45.0	32.6	37.0
52.5°	164.8	146.7	133.7	127.4	118.4	104.7	93.8	91.6	88.9	73.5	60.8
50°	211.6	208.4	194.4	172.9	170.9	157.2	138.1	125.0	123.3	112.8	93.4
47.5°	304.0	304.0	275.3	249.1	241.5	229.6	205.5	169.9	166.7	157.8	136.2
45°	492.6	458.4	442.4	392.0	337.2	316.1	295.9	253.2	218.3	204.6	189.4
42.5°	667.5	616.6	574.5	524.0	463.6	410.8	373.0	326.1	283.9	254.7	233.0
40°	831.1	749.1	690.8	627.1	561.5	496.0	449.3	390.3	342.2	303.1	280.1
37.5°	1035.6	922.9	858.1	759.1	676.3	608.6	548.8	473.7	396.5	364.6	336.1
35°	1336.6	1203.1	1127.4	1006.9	839.5	779.6	701.6	589.2	491.5	436.9	401.6
32.5°	1876.6	1677.0	1537.7	1376.7	1155.0	997.3	893.7	768.7	612.2	533.7	475.2
30°	2425.1	2155.2	1960.0	1796.6	1501.9	1269.5	1109.6	932.6	763.9	636.4	557.0
27.5°	2796.6	2531.4	2288.2	2053.5	1814.8	1545.0	1305.5	1078.2	893.9	751.2	648.6
25°	3122.6	2822.6	2548.8	2294.4	2039.4	1777.1	1487.0	1231.7	1015.2	852.1	718.1
22.5°	3445.3	3126.3	2816.0	2520.1	2261.3	1980.7	1674.3	1380.5	1131.7	962.8	801.8
20°	3811.2	3443.8	3085.6	2805.9	2511.3	2191.2	1850.4	1570.3	1326.5	1095.0	893.3
17.5°	4334.7	3843.8	3514.8	3199.7	2816.9	2425.7	2129.9	1836.2	1536.0	1234.8	989.2
15°	5043.9	4536.8	4159.8	3728.0	3202.4	2798.4	2473.1	2116.5	1760.9	1400.2	1103.5
12.5°	5887.2	5271.9	4827.9	4213.0	3621.5	3184.6	2816.6	2417.5	1980.7	1549.7	1209.8
10°	6417.8	5754.6	5122.2	4531.8	3991.9	3541.9	3079.9	2592.5	2106.7	1662.5	1301.7
7.5°	6699.6	5992.8	5340.2	4749.8	4198.9	3678.1	3185.9	2695.1	2208.0	1750.6	1379.4
5°	6887.0	6169.6	5488.1	4857.0	4293.7	3769.4	3265.2	2764.6	2284.2	1815.6	1442.9
2.5°	7025.2	6284.7	5583.0	4919.2	4346.6	3824.5	3315.5	2805.2	2324.0	1850.4	1465.1
0°	7093.6	6321.1	5617.7	4960.7	4371.1	3836.5	3334.8	2819.9	2333.1	1865.2	1474.3
-2.5°	7079.9	6298.1	5588.1	4959.4	4372.7	3825.3	3337.4	2827.8	2335.7	1876.3	1480.8
-5°	7007.1	6258.8	5554.2	4924.6	4346.8	3798.9	3311.2	2810.5	2317.4	1867.5	1474.6
-7.5°	6859.5	6140.9	5457.4	4844.8	4280.2	3744.5	3258.2	2768.1	2280.2	1837.0	1456.2
-10°	6637.7	5952.5	5302.4	4722.7	4172.6	3655.5	3179.4	2696.4	2219.0	1787.0	1424.3
-12.5°	6363.2	5716.2	5096.4	4556.8	4031.6	3537.8	3072.7	2595.3	2133.9	1717.5	1378.8
-15°	6027.6	5446.9	4886.4	4363.2	3866.5	3388.3	2934.1	2469.4	2025.6	1628.0	1319.8
-17.5°	5687.3	5148.3	4622.4	4125.9	3665.5	3211.4	2770.8	2329.4	1904.8	1531.5	1250.7
-20°	5308.5	4810.7	4324.3	3873.8	3444.7	3013.3	2588.8	2164.3	1766.5	1441.2	1189.6



REPORT NUMBER: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	4897.3	4452.8	4012.4	3606.1	3204.5	2791.1	2384.7	1984.0	1606.6	1340.0	1120.2
-25°	4481.1	4077.3	3682.6	3308.7	2932.2	2541.8	2166.3	1800.5	1488.5	1244.4	1045.4
-27.5°	4063.1	3697.5	3333.3	2987.8	2633.3	2289.3	1946.2	1614.6	1360.5	1152.9	975.6
-30°	3650.0	3319.7	2986.4	2656.4	2335.7	2021.5	1714.8	1463.6	1242.8	1055.2	897.5
-32.5°	3224.4	2937.0	2633.4	2324.1	2032.9	1755.5	1522.5	1310.8	1119.9	965.2	828.0
-35°	2810.5	2546.1	2266.7	2001.0	1743.3	1535.5	1338.2	1165.1	1012.4	875.4	758.7
-37.5°	2387.9	2149.3	1918.3	1695.5	1511.5	1335.8	1179.8	1038.4	906.5	797.5	697.0
-40°	1989.7	1782.0	1616.0	1452.1	1306.2	1165.9	1042.7	921.2	819.3	723.4	636.9
-42.5°	1648.8	1503.0	1369.6	1246.0	1126.3	1022.7	918.7	824.1	735.2	654.9	583.0
-45°	1373.2	1269.0	1160.5	1069.7	977.3	894.7	811.6	733.8	659.1	593.5	529.8
-47.5°	1154.9	1077.4	995.7	922.8	853.6	782.8	718.1	651.0	593.0	534.6	481.5
-50°	976.8	919.5	859.7	800.7	746.4	688.6	634.9	582.1	531.1	482.6	434.3
-52.5°	830.0	788.5	744.3	697.4	654.1	609.0	562.1	519.6	475.7	433.0	390.7
-55°	713.6	680.5	647.0	611.5	575.3	538.4	500.1	461.9	424.1	385.3	353.4
-57.5°	618.0	590.1	563.5	535.3	505.7	474.5	441.9	407.8	376.9	347.5	318.6
-60°	534.2	510.7	489.4	466.7	442.6	415.6	389.0	362.2	335.4	309.9	285.0
-62.5°	458.5	441.8	422.6	403.3	384.3	364.3	340.4	316.8	294.1	272.1	251.7
-65°	385.1	370.9	356.1	342.2	326.9	310.0	289.7	271.3	253.4	235.4	218.4
-67.5°	320.2	309.3	297.4	285.0	272.9	259.2	244.3	229.0	214.7	199.9	187.3
-70°	266.7	258.8	249.5	238.5	227.4	216.3	204.9	192.9	179.8	166.6	156.4
-72.5°	222.2	216.3	209.1	199.9	190.2	180.4	170.3	159.6	148.1	135.8	126.0
-75°	183.5	179.1	173.6	165.5	156.9	147.8	138.9	129.1	118.0	105.4	95.5
-77.5°	147.4	144.7	141.1	134.5	127.8	121.0	113.2	101.8	90.5	79.7	72.4
-80°	110.5	109.3	107.2	101.7	96.0	90.3	84.0	75.3	67.0	59.3	53.3
-82.5°	72.9	71.5	69.8	66.4	63.1	60.0	56.7	50.9	45.2	39.6	34.8
-85°	36.9	35.8	34.7	34.2	33.5	32.8	31.8	28.4	25.2	22.2	19.5
-87.5°	10.7	10.7	10.7	10.8	10.9	10.9	10.9	10.1	9.3	8.5	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: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.5
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.0	0.8	0.8
65°	0.8	0.8	0.8	1.2	1.1	0.8	0.8	1.5	1.3	1.1	0.8
62.5°	1.6	0.8	2.1	2.7	1.7	1.4	1.2	3.3	2.1	1.5	1.1
60°	3.6	2.9	5.5	8.4	6.0	2.3	3.4	5.6	5.2	1.9	1.5
57.5°	18.2	8.3	12.3	16.0	15.2	8.5	6.9	9.6	8.7	5.1	2.1
55°	37.7	32.1	25.5	25.4	25.6	20.3	14.4	14.9	13.2	9.4	3.0
52.5°	57.3	55.5	49.4	40.3	37.0	33.4	27.3	21.1	19.6	14.0	7.4
50°	81.7	77.2	72.4	63.0	51.1	46.4	40.1	32.2	26.7	19.5	12.2
47.5°	109.6	101.8	94.5	85.4	72.4	60.1	53.1	43.8	34.5	26.9	17.1
45°	153.1	127.8	118.0	107.5	94.0	78.7	66.6	55.1	44.7	34.2	22.0
42.5°	197.8	162.7	142.1	130.2	116.1	98.8	80.6	67.8	54.7	41.6	27.8
40°	242.8	199.3	168.1	153.3	139.0	118.9	98.4	80.9	64.6	49.2	34.1
37.5°	291.4	240.3	198.1	177.3	162.2	140.5	116.6	94.4	74.7	57.4	40.4
35°	352.0	289.0	230.8	205.0	184.8	162.6	134.6	109.0	86.7	65.7	46.6
32.5°	420.0	342.6	277.5	235.3	207.8	185.0	153.7	125.5	99.1	74.0	52.6
30°	487.7	397.9	321.9	265.3	232.2	206.0	174.1	142.1	111.8	82.2	58.8
27.5°	539.3	445.5	363.5	301.3	259.2	226.9	194.4	158.8	124.6	91.3	65.6
25°	592.1	489.7	403.8	336.5	285.7	248.3	214.0	175.5	138.3	101.8	72.2
22.5°	653.7	531.6	437.8	368.3	313.7	270.0	232.6	192.4	152.1	112.2	78.6
20°	714.0	570.3	469.1	405.5	344.3	294.1	250.9	208.5	165.7	122.4	84.8
17.5°	775.8	624.6	521.0	444.0	376.0	318.0	268.9	223.7	178.9	132.3	90.8
15°	868.9	697.1	573.4	482.0	406.6	341.4	286.6	238.1	191.5	141.9	96.1
12.5°	956.7	765.5	624.2	519.1	436.0	364.2	303.7	251.6	203.6	149.9	100.5
10°	1034.2	829.1	672.9	554.9	463.9	386.0	320.2	262.2	210.8	156.2	104.5
7.5°	1101.8	887.4	718.8	589.0	487.7	400.7	328.6	267.7	216.2	161.8	107.9
5°	1153.4	927.1	744.0	602.6	496.6	407.5	334.5	272.1	220.6	166.6	110.9
2.5°	1170.5	940.4	754.0	610.3	503.1	412.3	339.1	275.6	223.8	170.5	113.4
0°	1178.3	946.8	759.1	614.7	507.1	415.3	342.3	277.9	226.1	173.5	115.4
-2.5°	1187.0	955.5	766.3	621.5	511.3	419.4	345.7	281.6	229.4	176.9	118.7
-5°	1186.4	957.1	768.7	624.8	513.0	421.5	347.6	284.2	231.7	179.4	121.5
-7.5°	1173.9	949.7	765.7	624.1	512.1	421.8	348.1	285.8	233.1	181.0	123.7
-10°	1151.4	934.3	757.1	618.5	508.7	419.9	347.3	286.2	233.7	181.6	125.3
-12.5°	1119.8	912.4	743.2	609.3	502.7	416.0	344.7	284.9	233.3	181.4	126.2
-15°	1079.2	884.1	724.1	596.5	493.9	410.1	340.7	282.1	231.3	180.1	126.3
-17.5°	1030.1	849.9	699.6	580.1	482.5	402.4	335.1	278.3	228.6	177.8	126.1
-20°	984.6	813.8	671.4	560.3	468.3	392.7	327.9	273.4	225.1	174.9	125.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626932 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	933.7	776.3	646.3	541.3	453.3	381.2	319.2	267.5	221.1	171.4	124.4
-25°	875.4	733.8	617.8	520.2	438.7	370.2	310.3	260.5	216.4	167.5	122.7
-27.5°	820.6	690.0	585.7	495.8	421.9	357.5	301.5	254.1	210.9	163.1	120.5
-30°	764.7	651.8	555.0	470.3	403.3	343.3	291.6	247.2	204.8	159.3	117.9
-32.5°	707.9	610.3	522.1	448.2	385.4	328.1	280.7	239.8	198.4	155.5	115.6
-35°	659.1	569.3	486.8	424.4	367.0	315.1	269.9	231.9	191.8	151.2	113.2
-37.5°	607.1	527.8	459.3	400.8	347.2	301.0	259.5	222.7	185.0	146.4	110.3
-40°	560.6	489.1	429.7	378.0	329.4	285.7	247.9	212.8	178.7	141.1	106.9
-42.5°	513.2	453.9	400.9	353.4	311.5	271.6	235.4	202.2	170.5	136.2	103.0
-45°	471.7	417.9	371.0	331.1	292.8	256.4	223.0	191.3	161.6	131.1	98.9
-47.5°	428.8	383.1	343.1	307.7	274.5	240.5	210.0	181.2	152.5	125.5	94.7
-50°	388.8	350.2	317.0	285.2	254.2	225.6	197.0	170.7	144.2	118.1	90.1
-52.5°	353.2	321.1	291.5	262.6	235.9	210.1	185.4	160.1	135.5	110.7	84.9
-55°	321.8	293.1	266.5	241.5	217.6	196.2	173.5	150.1	126.5	103.2	79.4
-57.5°	291.7	265.9	243.2	221.0	200.6	182.1	161.9	139.8	117.4	95.2	74.4
-60°	261.4	240.6	220.5	201.8	184.2	167.4	150.3	129.1	107.9	87.1	68.5
-62.5°	232.4	215.0	199.5	183.1	167.0	152.1	138.2	118.1	98.1	79.0	61.9
-65°	204.0	190.6	178.1	162.7	148.7	136.3	124.7	106.7	87.8	70.4	55.0
-67.5°	175.8	164.8	153.6	141.1	130.7	120.6	110.3	94.0	76.8	61.3	48.1
-70°	147.3	138.0	130.0	122.1	113.4	104.5	94.3	80.4	65.4	52.8	40.9
-72.5°	119.4	113.7	108.9	103.3	96.0	87.6	78.1	66.7	55.0	43.9	33.5
-75°	92.0	90.8	89.4	85.8	78.7	70.9	63.2	54.4	44.4	34.8	27.3
-77.5°	72.4	72.0	71.0	68.4	62.3	55.9	49.2	41.9	34.2	27.7	21.4
-80°	53.7	53.6	53.1	51.6	46.4	40.9	36.2	31.6	25.9	20.6	15.5
-82.5°	35.3	35.8	36.1	35.6	32.0	28.5	25.2	21.8	17.5	13.4	10.3
-85°	20.2	20.5	20.6	20.4	18.2	16.1	14.7	13.2	10.9	8.8	6.9
-87.5°	8.4	8.8	9.2	9.5	8.8	8.0	7.3	6.6	5.5	4.4	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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CATALOG NUMBER: GFLD-SA2C-740-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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
67.5°	0.9	0.8	0.8	0.8	0.6	0.3	0.0
65°	1.0	0.9	0.8	0.8	0.7	0.3	0.0
62.5°	1.1	1.1	0.8	0.8	0.7	0.4	0.0
60°	1.2	1.3	0.8	0.8	0.8	0.4	0.0
57.5°	2.1	1.5	1.0	0.8	0.8	0.4	0.0
55°	3.3	1.7	1.2	0.8	0.8	0.5	0.0
52.5°	4.6	2.2	1.5	0.8	0.8	0.5	0.0
50°	6.0	3.5	1.7	0.8	0.9	0.5	0.0
47.5°	8.0	5.0	2.0	0.9	0.9	0.5	0.0
45°	12.3	6.5	2.3	1.1	0.9	0.6	0.0
42.5°	16.5	8.2	2.6	1.3	0.9	0.6	0.0
40°	20.7	9.9	3.4	1.6	1.0	0.6	0.0
37.5°	24.9	11.7	4.7	1.9	1.0	0.6	0.0
35°	29.0	14.5	6.1	2.2	1.0	0.7	0.0
32.5°	33.4	17.8	7.5	2.6	1.1	0.7	0.0
30°	38.3	21.0	8.9	3.1	1.1	0.7	0.0
27.5°	43.1	24.1	10.5	3.5	1.1	0.7	0.0
25°	47.7	27.1	12.0	4.0	1.2	0.7	0.0
22.5°	52.0	30.0	13.6	4.4	1.2	0.7	0.0
20°	56.2	32.8	15.1	4.9	1.3	0.8	0.0
17.5°	60.1	35.5	16.5	5.4	1.3	0.8	0.0
15°	63.7	38.0	17.9	5.9	1.4	0.8	0.0
12.5°	66.9	40.3	19.2	6.4	1.4	0.8	0.0
10°	69.9	42.4	20.4	6.9	1.4	0.8	0.0
7.5°	72.5	44.3	21.5	7.4	1.5	0.8	0.0
5°	74.9	46.0	22.6	7.8	1.5	0.8	0.0
2.5°	76.9	47.5	23.5	8.2	1.6	0.8	0.0
0°	78.5	48.7	24.3	8.6	1.6	0.8	0.0
-2.5°	80.6	50.2	25.4	9.2	1.8	0.8	0.0
-5°	82.4	51.5	26.4	9.7	2.1	0.9	0.0
-7.5°	83.8	52.6	27.2	10.1	2.3	0.9	0.0
-10°	84.8	53.3	27.9	10.5	2.5	1.0	0.0
-12.5°	85.4	53.9	28.5	10.9	2.7	1.0	0.0
-15°	85.6	54.1	28.8	11.1	2.9	1.1	0.0
-17.5°	85.4	54.1	29.0	11.4	3.1	1.1	0.0
-20°	85.1	53.8	28.9	11.5	3.3	1.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	85.2	53.2	28.7	11.6	3.4	1.1	0.0
-25°	84.8	53.0	28.3	11.6	3.5	1.2	0.0
-27.5°	84.0	52.7	27.6	11.5	3.6	1.2	0.0
-30°	82.7	52.2	26.8	11.4	3.7	1.2	0.0
-32.5°	81.0	51.3	26.5	11.1	3.8	1.2	0.0
-35°	79.5	50.0	25.9	10.8	3.8	1.2	0.0
-37.5°	77.7	48.7	25.2	10.4	3.8	1.2	0.0
-40°	75.4	47.5	24.2	9.9	3.8	1.2	0.0
-42.5°	72.7	46.0	23.4	9.4	3.8	1.2	0.0
-45°	69.6	44.2	23.0	9.1	3.7	1.1	0.0
-47.5°	66.1	42.1	22.3	8.6	3.6	1.1	0.0
-50°	63.0	39.8	21.3	8.4	3.5	1.1	0.0
-52.5°	59.7	37.1	20.2	8.3	3.3	1.0	0.0
-55°	56.0	34.9	18.8	8.1	3.2	1.0	0.0
-57.5°	52.0	32.5	17.2	7.8	3.0	1.0	0.0
-60°	47.7	29.8	15.4	7.3	2.8	0.9	0.0
-62.5°	43.5	26.8	14.3	6.8	2.6	0.8	0.0
-65°	38.9	23.5	13.1	6.2	2.4	0.8	0.0
-67.5°	33.9	20.6	11.7	5.5	2.2	0.7	0.0
-70°	28.6	18.1	10.2	4.7	2.0	0.6	0.0
-72.5°	24.3	15.3	8.5	4.2	1.8	0.6	0.0
-75°	20.0	12.4	6.8	3.6	1.6	0.5	0.0
-77.5°	15.4	9.4	5.6	3.1	1.3	0.4	0.0
-80°	10.6	7.1	4.5	2.5	1.1	0.3	0.0
-82.5°	7.8	5.4	3.4	1.9	0.8	0.3	0.0
-85°	5.3	3.6	2.3	1.3	0.5	0.2	0.0
-87.5°	2.6	1.8	1.2	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)