

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: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-740-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N78
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

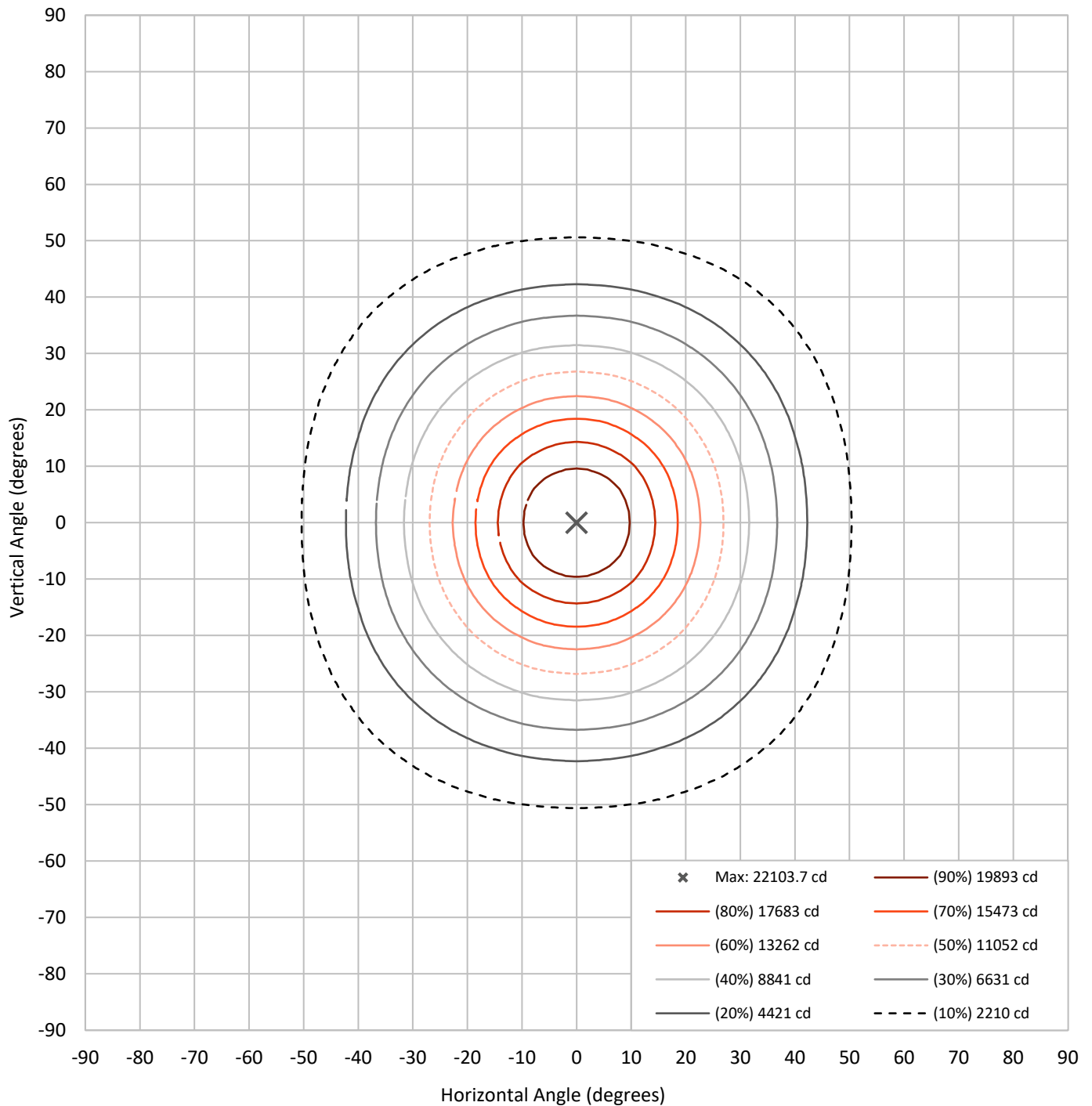
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22496.4 lumens	Max Intensity:	22103.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	10756.4 lumens	Field Lumens:	19853.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	160.2		
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





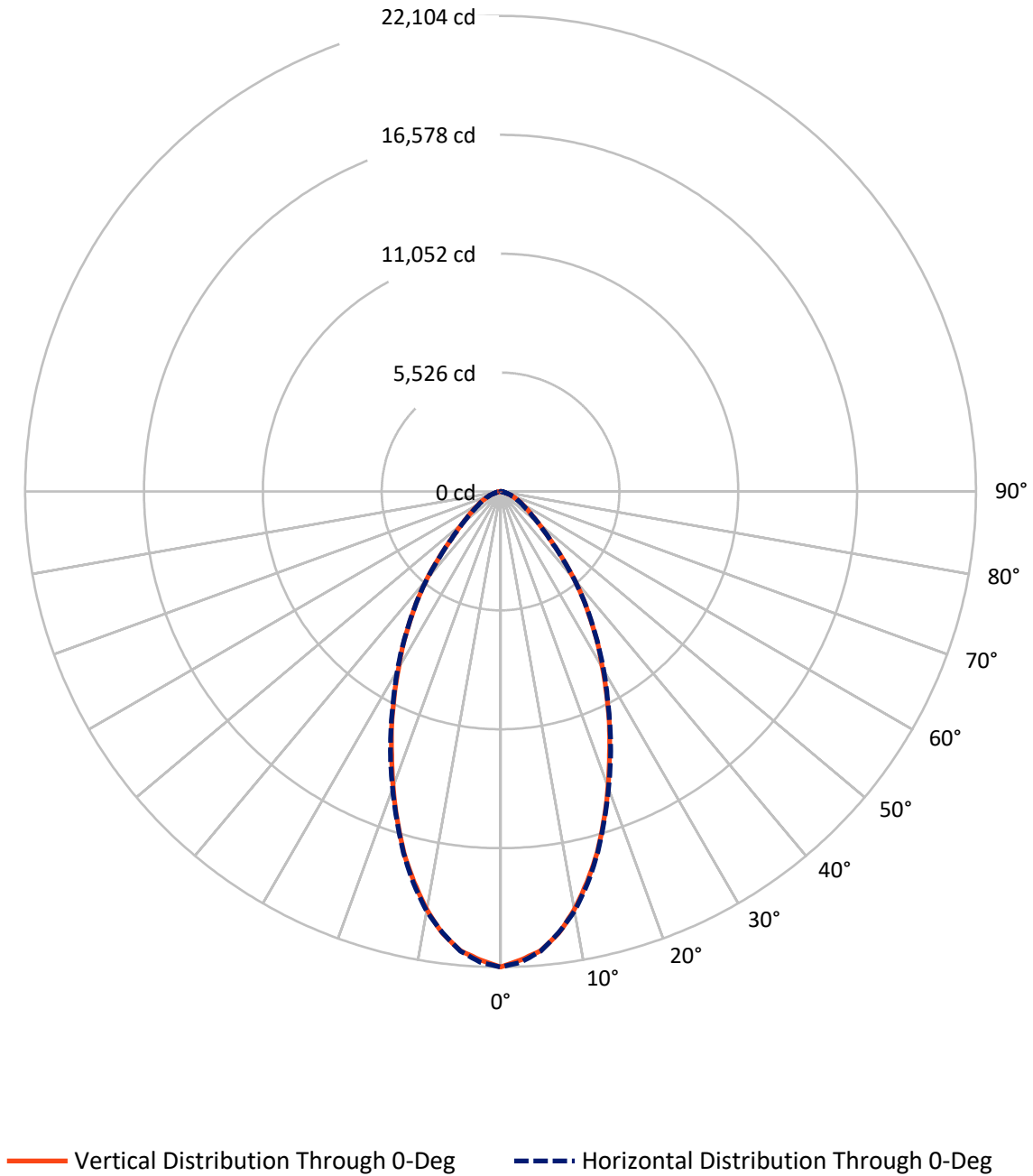
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Lumen Table

90															90	
80	0.9	6.2		14.1		23.5		20.2		23.5		14.1		6.2		0.9
70															70	
60	2.9	3.4	6.4	10.3	15.0	19.5	22.9	24.5	24.5	22.9	19.5	15.0	10.3	6.4	3.4	2.9
50		4.8	9.8	16.9	25.9	35.6	44.4	49.5	49.5	44.4	35.6	25.9	16.9	9.8	4.8	
40	4.3	6.2	13.5	25.2	42.5	65.3	90.0	106.5	106.5	90.0	65.3	42.5	25.2	13.5	6.2	4.3
30		7.5	17.7	36.6	71.3	126.6	183.9	218.2	218.2	183.9	126.6	71.3	36.6	17.7	7.5	
20	5.1	8.8	22.0	51.3	115.3	207.2	296.5	354.4	354.4	296.5	207.2	115.3	51.3	22.0	8.8	5.1
10		9.8	25.8	66.5	157.3	279.8	413.1	508.2	508.2	413.1	279.8	157.3	66.5	25.8	9.8	
0	5.4	10.3	28.0	76.4	181.1	325.3	495.0	622.5	622.5	495.0	325.3	181.1	76.4	28.0	10.3	5.4
-10		10.3	28.0	76.4	181.1	325.3	495.0	622.5	622.5	495.0	325.3	181.1	76.4	28.0	10.3	
-20	5.1	9.8	25.8	66.5	157.3	279.8	413.1	508.2	508.2	413.1	279.8	157.3	66.5	25.8	9.8	5.1
-30		8.8	22.0	51.3	115.3	207.2	296.5	354.4	354.4	296.5	207.2	115.3	51.3	22.0	8.8	
-40	4.3	7.5	17.7	36.6	71.3	126.6	183.9	218.2	218.2	183.9	126.6	71.3	36.6	17.7	7.5	4.3
-50		6.2	13.5	25.2	42.5	65.3	90.0	106.5	106.5	90.0	65.3	42.5	25.2	13.5	6.2	
-60	2.9	4.8	9.8	16.9	25.9	35.6	44.4	49.5	49.5	44.4	35.6	25.9	16.9	9.8	4.8	2.9
-70		3.4	6.4	10.3	15.0	19.5	22.9	24.5	24.5	22.9	19.5	15.0	10.3	6.4	3.4	
-80															-80	
-90	0.9	6.2		14.1		23.5		20.2		23.5		14.1		6.2		0.9
Horizontal Angle (degrees)																

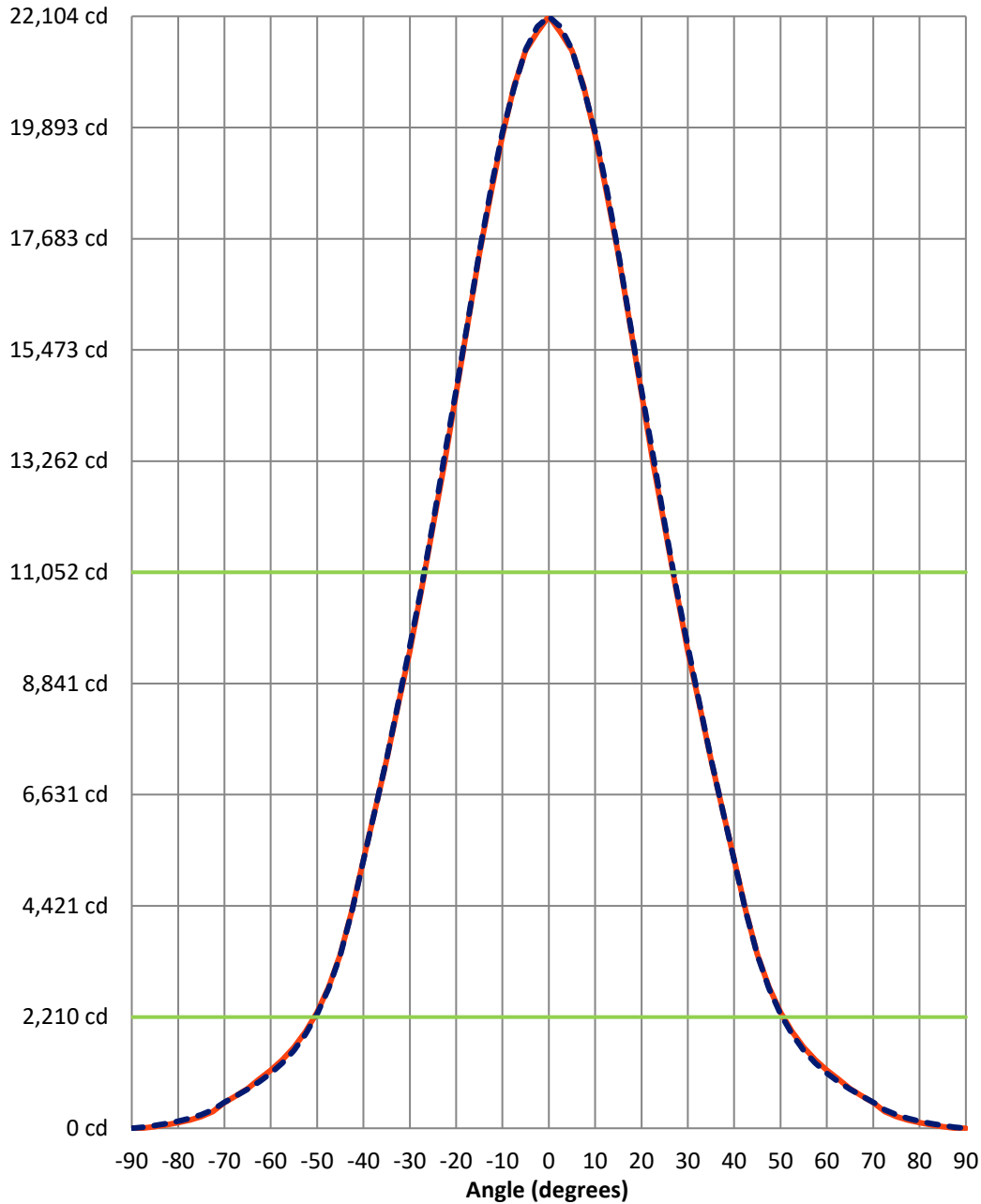
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 10756.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 19853.9
 Efficiency: 88.3%

Spill:
 Lumens: 2642.5
 Efficiency: 11.7%

- 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	1.1	2.6	4.2	6.1	8.2	10.5	11.6	12.6	13.3	13.9
85°	0.0	2.2	5.2	8.4	12.2	16.4	21.0	23.2	25.1	26.6	27.7
82.5°	0.0	3.4	7.7	12.6	18.2	24.5	31.3	34.9	38.4	44.6	50.0
80°	0.0	4.5	10.3	16.8	24.2	32.5	42.6	52.9	61.9	70.0	77.1
77.5°	0.0	5.6	12.8	20.9	30.1	42.2	60.8	74.2	85.3	95.3	105.3
75°	0.0	6.6	15.2	24.9	36.4	55.2	78.5	95.3	108.7	122.4	136.9
72.5°	0.0	7.7	17.6	28.8	45.1	67.8	95.6	116.1	132.3	149.6	168.0
70°	0.0	8.7	20.0	33.0	53.5	79.9	111.8	135.8	155.4	176.4	201.1
67.5°	0.0	9.8	22.3	38.1	61.5	91.4	125.9	155.0	178.0	204.1	233.7
65°	0.0	10.7	24.5	43.0	69.1	102.0	139.4	173.8	200.4	230.8	264.6
62.5°	0.0	11.7	26.6	47.6	76.3	111.7	152.0	191.6	221.8	256.3	293.3
60°	0.0	12.6	28.6	52.0	83.0	120.8	163.9	208.5	242.2	281.1	321.2
57.5°	0.0	13.5	31.1	56.1	89.3	129.3	174.6	223.6	262.9	305.0	346.9
55°	0.0	14.4	33.5	59.8	95.1	137.2	184.5	235.7	283.1	328.0	371.4
52.5°	0.0	15.2	35.8	63.3	100.5	144.3	193.5	248.9	302.6	349.8	395.5
50°	0.0	16.0	38.0	66.4	105.3	150.9	201.7	261.3	321.3	371.2	421.8
47.5°	0.0	16.7	40.1	69.2	109.7	156.8	209.3	272.6	339.8	391.9	447.7
45°	0.0	17.4	42.1	72.0	113.5	162.0	217.9	282.8	353.1	414.3	472.7
42.5°	0.0	18.1	43.9	74.5	116.8	166.6	225.6	292.7	365.3	436.0	498.6
40°	0.0	18.7	45.7	77.3	119.7	170.4	232.3	302.4	377.3	456.1	523.6
37.5°	0.0	19.3	47.3	80.0	122.4	173.6	238.0	311.1	390.4	471.9	547.4
35°	0.0	19.8	48.8	82.6	124.5	177.1	242.8	318.9	403.1	489.3	571.7
32.5°	0.0	20.2	50.2	84.9	126.2	180.5	247.2	325.7	415.1	507.1	596.6
30°	0.0	20.7	51.5	87.0	127.3	183.1	252.0	332.3	426.4	525.0	620.0
27.5°	0.0	21.0	52.6	88.9	130.0	185.0	256.0	340.5	438.3	542.9	642.0
25°	0.0	21.3	53.6	90.5	132.7	186.1	259.1	347.9	451.5	560.5	662.5
22.5°	0.0	21.6	54.5	91.9	135.0	187.6	261.3	354.4	464.2	576.6	684.9
20°	0.0	21.8	55.2	93.0	137.0	191.0	262.5	359.9	476.0	591.1	705.0
17.5°	0.0	22.0	55.8	93.9	138.6	193.8	265.5	364.3	487.0	603.9	722.7
15°	0.0	22.1	56.3	94.6	140.0	196.0	269.0	368.5	496.8	615.0	737.9
12.5°	0.0	22.2	56.6	95.0	140.9	197.6	271.6	372.3	505.2	624.2	750.5
10°	0.0	22.2	56.8	95.2	141.6	198.6	273.2	374.3	511.7	631.9	760.7
7.5°	0.0	22.2	56.8	95.2	141.9	199.0	273.8	374.8	516.2	637.8	768.7
5°	0.0	22.2	56.8	94.9	141.8	198.8	273.6	373.7	518.7	641.8	773.9
2.5°	0.0	22.0	56.5	94.4	141.4	198.1	272.4	371.1	519.1	643.8	776.5
0°	0.0	21.9	56.2	93.7	140.6	196.8	270.3	367.1	517.1	643.6	776.4
-2.5°	0.0	22.0	56.5	94.4	141.4	198.1	272.4	371.1	519.1	643.8	776.5
-5°	0.0	22.2	56.8	94.9	141.8	198.8	273.6	373.7	518.7	641.8	773.9
-7.5°	0.0	22.2	56.8	95.2	141.9	199.0	273.8	374.8	516.2	637.8	768.7
-10°	0.0	22.2	56.8	95.2	141.6	198.6	273.2	374.3	511.7	631.9	760.7
-12.5°	0.0	22.2	56.6	95.0	140.9	197.6	271.6	372.3	505.2	624.2	750.5
-15°	0.0	22.1	56.3	94.6	140.0	196.0	269.0	368.5	496.8	615.0	737.9
-17.5°	0.0	22.0	55.8	93.9	138.6	193.8	265.5	364.3	487.0	603.9	722.7
-20°	0.0	21.8	55.2	93.0	137.0	191.0	262.5	359.9	476.0	591.1	705.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.6	54.5	91.9	135.0	187.6	261.3	354.4	464.2	576.6	684.9
-25°	0.0	21.3	53.6	90.5	132.7	186.1	259.1	347.9	451.5	560.5	662.5
-27.5°	0.0	21.0	52.6	88.9	130.0	185.0	256.0	340.5	438.3	542.9	642.0
-30°	0.0	20.7	51.5	87.0	127.3	183.1	252.0	332.3	426.4	525.0	620.0
-32.5°	0.0	20.2	50.2	84.9	126.2	180.5	247.2	325.7	415.1	507.1	596.6
-35°	0.0	19.8	48.8	82.6	124.5	177.1	242.8	318.9	403.1	489.3	571.7
-37.5°	0.0	19.3	47.3	80.0	122.4	173.6	238.0	311.1	390.4	471.9	547.4
-40°	0.0	18.7	45.7	77.3	119.7	170.4	232.3	302.4	377.3	456.1	523.6
-42.5°	0.0	18.1	43.9	74.5	116.8	166.6	225.6	292.7	365.3	436.0	498.6
-45°	0.0	17.4	42.1	72.0	113.5	162.0	217.9	282.8	353.1	414.3	472.7
-47.5°	0.0	16.7	40.1	69.2	109.7	156.8	209.3	272.6	339.8	391.9	447.7
-50°	0.0	16.0	38.0	66.4	105.3	150.9	201.7	261.3	321.3	371.2	421.8
-52.5°	0.0	15.2	35.8	63.3	100.5	144.3	193.5	248.9	302.6	349.8	395.5
-55°	0.0	14.4	33.5	59.8	95.1	137.2	184.5	235.7	283.1	328.0	371.4
-57.5°	0.0	13.5	31.1	56.1	89.3	129.3	174.6	223.6	262.9	305.0	346.9
-60°	0.0	12.6	28.6	52.0	83.0	120.8	163.9	208.5	242.2	281.1	321.2
-62.5°	0.0	11.7	26.6	47.6	76.3	111.7	152.0	191.6	221.8	256.3	293.3
-65°	0.0	10.7	24.5	43.0	69.1	102.0	139.4	173.8	200.4	230.8	264.6
-67.5°	0.0	9.8	22.3	38.1	61.5	91.4	125.9	155.0	178.0	204.1	233.7
-70°	0.0	8.7	20.0	33.0	53.5	79.9	111.8	135.8	155.4	176.4	201.1
-72.5°	0.0	7.7	17.6	28.8	45.1	67.8	95.6	116.1	132.3	149.6	168.0
-75°	0.0	6.6	15.2	24.9	36.4	55.2	78.5	95.3	108.7	122.4	136.9
-77.5°	0.0	5.6	12.8	20.9	30.1	42.2	60.8	74.2	85.3	95.3	105.3
-80°	0.0	4.5	10.3	16.8	24.2	32.5	42.6	52.9	61.9	70.0	77.1
-82.5°	0.0	3.4	7.7	12.6	18.2	24.5	31.3	34.9	38.4	44.6	50.0
-85°	0.0	2.2	5.2	8.4	12.2	16.4	21.0	23.2	25.1	26.6	27.7
-87.5°	0.0	1.1	2.6	4.2	6.1	8.2	10.5	11.6	12.6	13.3	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	14.1	14.1	13.8	13.4	12.8	12.1	11.1	10.0	10.4	10.8	11.2
85°	28.2	28.2	30.5	32.6	33.6	33.8	33.1	31.7	35.8	40.5	45.6
82.5°	55.0	59.8	64.3	68.5	68.9	67.8	65.7	63.3	71.7	81.8	92.4
80°	84.3	91.3	99.4	107.0	108.8	108.0	105.7	101.9	112.9	128.5	145.3
77.5°	117.0	128.2	138.6	148.2	150.9	150.5	148.8	145.7	159.6	181.2	203.7
75°	151.5	165.0	178.4	190.2	195.2	195.6	195.0	198.3	216.8	242.0	264.3
72.5°	187.4	204.6	219.7	232.7	240.8	247.0	255.2	265.2	283.8	308.6	330.5
70°	225.4	244.5	260.5	274.8	287.2	300.7	318.0	335.1	354.8	379.5	402.2
67.5°	262.9	282.3	300.3	317.9	340.5	362.1	383.6	406.1	430.8	456.8	479.8
65°	297.7	319.6	341.5	367.2	396.5	421.0	447.6	476.7	509.2	538.4	565.1
62.5°	331.0	355.7	382.9	413.9	445.7	476.4	512.0	549.5	587.4	624.1	660.4
60°	359.2	390.0	422.9	457.9	494.6	536.4	578.2	622.7	668.0	712.2	757.2
57.5°	386.3	424.3	462.3	503.1	548.8	596.6	646.7	696.9	751.0	804.5	855.7
55°	414.4	459.2	502.4	550.8	603.2	659.3	715.9	776.7	836.5	903.8	966.0
52.5°	444.4	493.1	544.0	599.3	660.5	723.8	790.1	859.9	934.3	1009.1	1085.1
50°	473.7	528.6	585.2	651.4	719.9	792.1	868.8	950.1	1036.7	1123.3	1215.2
47.5°	504.3	563.0	632.1	704.0	782.4	864.6	951.5	1048.1	1144.3	1253.4	1358.8
45°	534.5	602.0	677.0	760.5	846.6	939.2	1042.4	1148.5	1271.4	1394.7	1533.1
42.5°	563.5	641.3	725.9	815.2	913.2	1019.7	1133.9	1267.3	1405.9	1558.4	1720.9
40°	596.9	678.9	774.2	874.0	980.2	1101.9	1239.3	1387.5	1556.5	1737.2	1921.9
37.5°	629.1	721.3	821.9	930.1	1053.3	1190.4	1342.1	1523.7	1718.8	1924.2	2175.4
35°	659.5	761.7	870.9	989.5	1123.0	1281.8	1463.3	1664.0	1888.7	2153.7	2446.8
32.5°	691.7	800.0	917.2	1050.3	1201.3	1374.8	1581.0	1817.2	2083.2	2384.9	2751.6
30°	724.1	839.3	963.2	1107.2	1275.3	1476.0	1710.3	1971.3	2277.3	2655.8	3086.3
27.5°	754.1	876.1	1011.8	1167.5	1347.1	1569.3	1834.5	2140.5	2501.0	2928.7	3431.6
25°	781.7	909.6	1056.5	1225.0	1426.4	1670.1	1957.6	2296.5	2724.8	3234.8	3853.4
22.5°	808.0	940.1	1096.8	1276.6	1497.8	1767.6	2091.2	2479.0	2952.4	3524.8	4266.7
20°	832.6	973.0	1136.9	1326.0	1561.6	1855.7	2214.0	2649.4	3188.1	3865.7	4672.0
17.5°	854.2	1002.1	1174.8	1379.4	1632.8	1945.2	2329.8	2799.8	3397.9	4170.2	5045.9
15°	872.8	1027.2	1207.7	1425.7	1696.8	2034.1	2451.4	2964.7	3616.8	4447.0	5374.3
12.5°	888.3	1048.2	1235.2	1464.7	1750.7	2109.3	2555.3	3111.7	3829.9	4707.8	5662.5
10°	900.7	1065.0	1257.5	1496.1	1794.1	2170.4	2640.9	3232.0	4007.3	4931.3	5906.4
7.5°	911.0	1078.2	1274.5	1519.9	1826.9	2217.0	2707.5	3324.8	4145.9	5108.3	6093.5
5°	918.3	1087.6	1287.4	1536.6	1851.0	2249.6	2754.1	3389.6	4244.5	5236.5	6221.5
2.5°	922.4	1092.7	1294.8	1545.5	1865.8	2268.0	2778.5	3430.4	4298.7	5309.8	6298.9
0°	923.3	1093.5	1296.6	1546.6	1870.0	2271.5	2782.3	3443.1	4310.1	5328.7	6327.0
-2.5°	922.4	1092.7	1294.8	1545.5	1865.8	2268.0	2778.5	3430.4	4298.7	5309.8	6298.9
-5°	918.3	1087.6	1287.4	1536.6	1851.0	2249.6	2754.1	3389.6	4244.5	5236.5	6221.5
-7.5°	911.0	1078.2	1274.5	1519.9	1826.9	2217.0	2707.5	3324.8	4145.9	5108.3	6093.5
-10°	900.7	1065.0	1257.5	1496.1	1794.1	2170.4	2640.9	3232.0	4007.3	4931.3	5906.4
-12.5°	888.3	1048.2	1235.2	1464.7	1750.7	2109.3	2555.3	3111.7	3829.9	4707.8	5662.5
-15°	872.8	1027.2	1207.7	1425.7	1696.8	2034.1	2451.4	2964.7	3616.8	4447.0	5374.3
-17.5°	854.2	1002.1	1174.8	1379.4	1632.8	1945.2	2329.8	2799.8	3397.9	4170.2	5045.9
-20°	832.6	973.0	1136.9	1326.0	1561.6	1855.7	2214.0	2649.4	3188.1	3865.7	4672.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	808.0	940.1	1096.8	1276.6	1497.8	1767.6	2091.2	2479.0	2952.4	3524.8	4266.7
-25°	781.7	909.6	1056.5	1225.0	1426.4	1670.1	1957.6	2296.5	2724.8	3234.8	3853.4
-27.5°	754.1	876.1	1011.8	1167.5	1347.1	1569.3	1834.5	2140.5	2501.0	2928.7	3431.6
-30°	724.1	839.3	963.2	1107.2	1275.3	1476.0	1710.3	1971.3	2277.3	2655.8	3086.3
-32.5°	691.7	800.0	917.2	1050.3	1201.3	1374.8	1581.0	1817.2	2083.2	2384.9	2751.6
-35°	659.5	761.7	870.9	989.5	1123.0	1281.8	1463.3	1664.0	1888.7	2153.7	2446.8
-37.5°	629.1	721.3	821.9	930.1	1053.3	1190.4	1342.1	1523.7	1718.8	1924.2	2175.4
-40°	596.9	678.9	774.2	874.0	980.2	1101.9	1239.3	1387.5	1556.5	1737.2	1921.9
-42.5°	563.5	641.3	725.9	815.2	913.2	1019.7	1133.9	1267.3	1405.9	1558.4	1720.9
-45°	534.5	602.0	677.0	760.5	846.6	939.2	1042.4	1148.5	1271.4	1394.7	1533.1
-47.5°	504.3	563.0	632.1	704.0	782.4	864.6	951.5	1048.1	1144.3	1253.4	1358.8
-50°	473.7	528.6	585.2	651.4	719.9	792.1	868.8	950.1	1036.7	1123.3	1215.2
-52.5°	444.4	493.1	544.0	599.3	660.5	723.8	790.1	859.9	934.3	1009.1	1085.1
-55°	414.4	459.2	502.4	550.8	603.2	659.3	715.9	776.7	836.5	903.8	966.0
-57.5°	386.3	424.3	462.3	503.1	548.8	596.6	646.7	696.9	751.0	804.5	855.7
-60°	359.2	390.0	422.9	457.9	494.6	536.4	578.2	622.7	668.0	712.2	757.2
-62.5°	331.0	355.7	382.9	413.9	445.7	476.4	512.0	549.5	587.4	624.1	660.4
-65°	297.7	319.6	341.5	367.2	396.5	421.0	447.6	476.7	509.2	538.4	565.1
-67.5°	262.9	282.3	300.3	317.9	340.5	362.1	383.6	406.1	430.8	456.8	479.8
-70°	225.4	244.5	260.5	274.8	287.2	300.7	318.0	335.1	354.8	379.5	402.2
-72.5°	187.4	204.6	219.7	232.7	240.8	247.0	255.2	265.2	283.8	308.6	330.5
-75°	151.5	165.0	178.4	190.2	195.2	195.6	195.0	198.3	216.8	242.0	264.3
-77.5°	117.0	128.2	138.6	148.2	150.9	150.5	148.8	145.7	159.6	181.2	203.7
-80°	84.3	91.3	99.4	107.0	108.8	108.0	105.7	101.9	112.9	128.5	145.3
-82.5°	55.0	59.8	64.3	68.5	68.9	67.8	65.7	63.3	71.7	81.8	92.4
-85°	28.2	28.2	30.5	32.6	33.6	33.8	33.1	31.7	35.8	40.5	45.6
-87.5°	14.1	14.1	13.8	13.4	12.8	12.1	11.1	10.0	10.4	10.8	11.2
-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: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-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°	11.5	11.2	10.8	10.4	9.9	9.7	9.5	9.3	9.1	8.4	7.7
85°	50.9	52.0	52.6	52.9	52.9	54.6	56.2	57.6	58.9	53.4	47.3
82.5°	103.4	108.2	112.4	116.6	120.8	123.7	125.8	127.4	128.4	116.3	102.6
80°	162.6	172.8	181.2	189.3	197.0	198.9	198.9	197.8	195.6	179.0	160.2
77.5°	226.2	239.5	250.1	260.5	270.9	274.7	276.5	277.9	278.9	258.3	232.9
75°	283.8	299.7	314.5	328.2	340.9	347.7	351.7	354.9	357.4	336.7	309.5
72.5°	349.5	366.3	382.4	397.6	411.1	420.0	425.8	430.6	434.3	422.5	405.5
70°	421.8	439.2	456.1	471.9	487.1	499.1	508.6	516.7	523.5	524.8	524.2
67.5°	502.0	522.6	542.7	560.0	578.0	595.0	609.8	622.2	632.1	638.6	642.3
65°	592.1	623.0	650.5	673.8	693.4	715.9	735.8	751.1	761.8	770.0	777.0
62.5°	698.2	735.7	767.2	798.3	830.3	861.5	881.0	900.6	919.7	937.7	953.1
60°	800.4	841.5	884.1	923.8	960.5	994.4	1029.3	1060.3	1087.4	1110.1	1127.0
57.5°	909.3	959.3	1007.7	1058.1	1105.6	1149.8	1193.0	1232.9	1267.4	1296.4	1320.1
55°	1027.4	1088.5	1146.1	1210.1	1272.2	1328.8	1380.8	1434.2	1482.3	1524.7	1558.2
52.5°	1154.8	1234.3	1310.5	1385.7	1466.1	1538.7	1603.6	1677.6	1743.2	1797.5	1839.7
50°	1306.9	1400.3	1501.0	1594.2	1695.6	1795.4	1887.5	1976.7	2063.9	2139.4	2200.4
47.5°	1480.1	1595.1	1719.8	1843.3	1969.2	2105.7	2227.5	2340.7	2462.7	2568.6	2653.5
45°	1672.6	1819.3	1969.9	2143.3	2303.2	2478.6	2641.0	2786.8	2959.7	3112.1	3234.8
42.5°	1886.2	2081.5	2279.5	2498.1	2710.2	2932.9	3169.4	3379.2	3608.7	3827.4	4004.2
40°	2150.9	2384.3	2649.6	2914.2	3218.6	3504.6	3849.2	4162.3	4446.7	4707.5	4921.2
37.5°	2445.0	2745.6	3078.9	3423.5	3840.0	4248.3	4651.7	5032.5	5368.7	5654.1	5893.6
35°	2779.0	3161.0	3564.6	4067.7	4555.7	5044.8	5500.3	5916.5	6282.1	6604.2	6878.1
32.5°	3163.1	3621.6	4186.6	4751.7	5308.5	5846.9	6347.1	6801.0	7202.0	7563.6	7878.5
30°	3567.0	4192.5	4826.6	5446.7	6054.7	6644.5	7193.4	7693.4	8146.5	8549.0	8911.8
27.5°	4080.2	4773.4	5464.8	6133.2	6802.2	7447.6	8042.6	8598.0	9117.9	9572.8	9987.6
25°	4576.6	5342.3	6077.4	6806.2	7534.3	8227.3	8892.6	9519.9	10115.4	10637.6	11100.6
22.5°	5072.9	5874.4	6659.9	7443.6	8225.7	8998.3	9745.2	10463.9	11129.8	11724.5	12245.7
20°	5532.6	6370.5	7210.5	8055.2	8903.1	9748.7	10587.6	11396.5	12138.4	12824.8	13428.1
17.5°	5944.7	6835.8	7726.3	8629.9	9549.1	10467.2	11399.1	12305.8	13154.0	13935.0	14634.8
15°	6309.6	7239.5	8195.9	9171.0	10157.9	11155.1	12171.9	13186.4	14141.2	15028.3	15809.6
12.5°	6628.7	7595.4	8597.9	9633.9	10705.1	11791.3	12901.1	14013.2	15070.1	16094.3	16937.9
10°	6892.0	7898.2	8945.9	10034.5	11164.1	12333.2	13523.8	14720.9	15885.4	16971.9	17936.5
7.5°	7095.3	8139.2	9218.8	10351.0	11536.2	12769.0	14030.3	15300.6	16543.3	17714.0	18781.4
5°	7238.8	8314.6	9407.8	10585.6	11811.9	13089.5	14400.3	15724.2	17023.3	18254.2	19360.4
2.5°	7322.0	8420.0	9517.9	10728.1	11975.9	13283.4	14629.8	15975.4	17308.8	18585.5	19722.2
0°	7344.0	8451.6	9581.0	10743.3	12027.5	13374.1	14672.3	16022.0	17407.7	18666.9	19799.5
-2.5°	7322.0	8420.0	9517.9	10728.1	11975.9	13283.4	14629.8	15975.4	17308.8	18585.5	19722.2
-5°	7238.8	8314.6	9407.8	10585.6	11811.9	13089.5	14400.3	15724.2	17023.3	18254.2	19360.4
-7.5°	7095.3	8139.2	9218.8	10351.0	11536.2	12769.0	14030.3	15300.6	16543.3	17714.0	18781.4
-10°	6892.0	7898.2	8945.9	10034.5	11164.1	12333.2	13523.8	14720.9	15885.4	16971.9	17936.5
-12.5°	6628.7	7595.4	8597.9	9633.9	10705.1	11791.3	12901.1	14013.2	15070.1	16094.3	16937.9
-15°	6309.6	7239.5	8195.9	9171.0	10157.9	11155.1	12171.9	13186.4	14141.2	15028.3	15809.6
-17.5°	5944.7	6835.8	7726.3	8629.9	9549.1	10467.2	11399.1	12305.8	13154.0	13935.0	14634.8
-20°	5532.6	6370.5	7210.5	8055.2	8903.1	9748.7	10587.6	11396.5	12138.4	12824.8	13428.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5072.9	5874.4	6659.9	7443.6	8225.7	8998.3	9745.2	10463.9	11129.8	11724.5	12245.7
-25°	4576.6	5342.3	6077.4	6806.2	7534.3	8227.3	8892.6	9519.9	10115.4	10637.6	11100.6
-27.5°	4080.2	4773.4	5464.8	6133.2	6802.2	7447.6	8042.6	8598.0	9117.9	9572.8	9987.6
-30°	3567.0	4192.5	4826.6	5446.7	6054.7	6644.5	7193.4	7693.4	8146.5	8549.0	8911.8
-32.5°	3163.1	3621.6	4186.6	4751.7	5308.5	5846.9	6347.1	6801.0	7202.0	7563.6	7878.5
-35°	2779.0	3161.0	3564.6	4067.7	4555.7	5044.8	5500.3	5916.5	6282.1	6604.2	6878.1
-37.5°	2445.0	2745.6	3078.9	3423.5	3840.0	4248.3	4651.7	5032.5	5368.7	5654.1	5893.6
-40°	2150.9	2384.3	2649.6	2914.2	3218.6	3504.6	3849.2	4162.3	4446.7	4707.5	4921.2
-42.5°	1886.2	2081.5	2279.5	2498.1	2710.2	2932.9	3169.4	3379.2	3608.7	3827.4	4004.2
-45°	1672.6	1819.3	1969.9	2143.3	2303.2	2478.6	2641.0	2786.8	2959.7	3112.1	3234.8
-47.5°	1480.1	1595.1	1719.8	1843.3	1969.2	2105.7	2227.5	2340.7	2462.7	2568.6	2653.5
-50°	1306.9	1400.3	1501.0	1594.2	1695.6	1795.4	1887.5	1976.7	2063.9	2139.4	2200.4
-52.5°	1154.8	1234.3	1310.5	1385.7	1466.1	1538.7	1603.6	1677.6	1743.2	1797.5	1839.7
-55°	1027.4	1088.5	1146.1	1210.1	1272.2	1328.8	1380.8	1434.2	1482.3	1524.7	1558.2
-57.5°	909.3	959.3	1007.7	1058.1	1105.6	1149.8	1193.0	1232.9	1267.4	1296.4	1320.1
-60°	800.4	841.5	884.1	923.8	960.5	994.4	1029.3	1060.3	1087.4	1110.1	1127.0
-62.5°	698.2	735.7	767.2	798.3	830.3	861.5	881.0	900.6	919.7	937.7	953.1
-65°	592.1	623.0	650.5	673.8	693.4	715.9	735.8	751.1	761.8	770.0	777.0
-67.5°	502.0	522.6	542.7	560.0	578.0	595.0	609.8	622.2	632.1	638.6	642.3
-70°	421.8	439.2	456.1	471.9	487.1	499.1	508.6	516.7	523.5	524.8	524.2
-72.5°	349.5	366.3	382.4	397.6	411.1	420.0	425.8	430.6	434.3	422.5	405.5
-75°	283.8	299.7	314.5	328.2	340.9	347.7	351.7	354.9	357.4	336.7	309.5
-77.5°	226.2	239.5	250.1	260.5	270.9	274.7	276.5	277.9	278.9	258.3	232.9
-80°	162.6	172.8	181.2	189.3	197.0	198.9	198.9	197.8	195.6	179.0	160.2
-82.5°	103.4	108.2	112.4	116.6	120.8	123.7	125.8	127.4	128.4	116.3	102.6
-85°	50.9	52.0	52.6	52.9	52.9	54.6	56.2	57.6	58.9	53.4	47.3
-87.5°	11.5	11.2	10.8	10.4	9.9	9.7	9.5	9.3	9.1	8.4	7.7
-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: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-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°	6.9	6.2	5.4	4.7	5.4	6.2	6.9	7.7	8.4	9.1	9.3
85°	40.9	34.2	33.5	32.8	33.5	34.2	40.9	47.3	53.4	58.9	57.6
82.5°	88.2	73.2	71.0	68.7	71.0	73.2	88.2	102.6	116.3	128.4	127.4
80°	140.5	120.2	116.3	112.5	116.3	120.2	140.5	160.2	179.0	195.6	197.8
77.5°	206.2	178.4	170.2	162.5	170.2	178.4	206.2	232.9	258.3	278.9	277.9
75°	281.2	251.9	242.1	232.8	242.1	251.9	281.2	309.5	336.7	357.4	354.9
72.5°	388.3	370.5	352.5	332.8	352.5	370.5	388.3	405.5	422.5	434.3	430.6
70°	523.7	522.4	517.8	510.8	517.8	522.4	523.7	524.2	524.8	523.5	516.7
67.5°	643.9	643.4	644.9	645.2	644.9	643.4	643.9	642.3	638.6	632.1	622.2
65°	781.2	782.7	786.0	787.4	786.0	782.7	781.2	777.0	770.0	761.8	751.1
62.5°	964.9	972.9	976.9	976.4	976.9	972.9	964.9	953.1	937.7	919.7	900.6
60°	1139.7	1147.9	1153.1	1154.5	1153.1	1147.9	1139.7	1127.0	1110.1	1087.4	1060.3
57.5°	1338.9	1352.5	1359.7	1360.7	1359.7	1352.5	1338.9	1320.1	1296.4	1267.4	1232.9
55°	1584.0	1602.0	1610.0	1609.1	1610.0	1602.0	1584.0	1558.2	1524.7	1482.3	1434.2
52.5°	1871.6	1893.5	1910.0	1920.0	1910.0	1893.5	1871.6	1839.7	1797.5	1743.2	1677.6
50°	2246.3	2277.7	2297.7	2305.8	2297.7	2277.7	2246.3	2200.4	2139.4	2063.9	1976.7
47.5°	2714.9	2756.6	2787.4	2808.9	2787.4	2756.6	2714.9	2653.5	2568.6	2462.7	2340.7
45°	3325.4	3388.9	3432.0	3457.2	3432.0	3388.9	3325.4	3234.8	3112.1	2959.7	2786.8
42.5°	4142.2	4240.7	4301.1	4324.2	4301.1	4240.7	4142.2	4004.2	3827.4	3608.7	3379.2
40°	5090.0	5208.4	5286.0	5339.6	5286.0	5208.4	5090.0	4921.2	4707.5	4446.7	4162.3
37.5°	6077.3	6201.6	6277.2	6328.5	6277.2	6201.6	6077.3	5893.6	5654.1	5368.7	5032.5
35°	7084.5	7214.6	7285.5	7325.2	7285.5	7214.6	7084.5	6878.1	6604.2	6282.1	5916.5
32.5°	8118.5	8261.9	8339.0	8418.8	8339.0	8261.9	8118.5	7878.5	7563.6	7202.0	6801.0
30°	9198.5	9363.0	9443.7	9482.6	9443.7	9363.0	9198.5	8911.8	8549.0	8146.5	7693.4
27.5°	10322.3	10527.4	10628.4	10694.9	10628.4	10527.4	10322.3	9987.6	9572.8	9117.9	8598.0
25°	11491.6	11745.7	11861.4	11965.0	11861.4	11745.7	11491.6	11100.6	10637.6	10115.4	9519.9
22.5°	12704.8	13021.2	13155.2	13228.8	13155.2	13021.2	12704.8	12245.7	11724.5	11129.8	10463.9
20°	13949.7	14327.8	14514.0	14609.8	14514.0	14327.8	13949.7	13428.1	12824.8	12138.4	11396.5
17.5°	15222.7	15693.0	15933.9	15989.2	15933.9	15693.0	15222.7	14634.8	13935.0	13154.0	12305.8
15°	16472.3	16981.1	17265.9	17370.2	17265.9	16981.1	16472.3	15809.6	15028.3	14141.2	13186.4
12.5°	17655.8	18183.1	18523.5	18584.1	18523.5	18183.1	17655.8	16937.9	16094.3	15070.1	14013.2
10°	18729.2	19275.4	19651.3	19737.0	19651.3	19275.4	18729.2	17936.5	16971.9	15885.4	14720.9
7.5°	19626.5	20225.9	20641.1	20713.4	20641.1	20225.9	19626.5	18781.4	17714.0	16543.3	15300.6
5°	20283.0	20994.7	21335.5	21421.0	21335.5	20994.7	20283.0	19360.4	18254.2	17023.3	15724.2
2.5°	20643.1	21367.6	21841.3	21786.6	21841.3	21367.6	20643.1	19722.2	18585.5	17308.8	15975.4
0°	20683.7	21441.4	21894.4	22103.7	21894.4	21441.4	20683.7	19799.5	18666.9	17407.7	16022.0
-2.5°	20643.1	21367.6	21841.3	21786.6	21841.3	21367.6	20643.1	19722.2	18585.5	17308.8	15975.4
-5°	20283.0	20994.7	21335.5	21421.0	21335.5	20994.7	20283.0	19360.4	18254.2	17023.3	15724.2
-7.5°	19626.5	20225.9	20641.1	20713.4	20641.1	20225.9	19626.5	18781.4	17714.0	16543.3	15300.6
-10°	18729.2	19275.4	19651.3	19737.0	19651.3	19275.4	18729.2	17936.5	16971.9	15885.4	14720.9
-12.5°	17655.8	18183.1	18523.5	18584.1	18523.5	18183.1	17655.8	16937.9	16094.3	15070.1	14013.2
-15°	16472.3	16981.1	17265.9	17370.2	17265.9	16981.1	16472.3	15809.6	15028.3	14141.2	13186.4
-17.5°	15222.7	15693.0	15933.9	15989.2	15933.9	15693.0	15222.7	14634.8	13935.0	13154.0	12305.8
-20°	13949.7	14327.8	14514.0	14609.8	14514.0	14327.8	13949.7	13428.1	12824.8	12138.4	11396.5



REPORT NUMBER: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12704.8	13021.2	13155.2	13228.8	13155.2	13021.2	12704.8	12245.7	11724.5	11129.8	10463.9
-25°	11491.6	11745.7	11861.4	11965.0	11861.4	11745.7	11491.6	11100.6	10637.6	10115.4	9519.9
-27.5°	10322.3	10527.4	10628.4	10694.9	10628.4	10527.4	10322.3	9987.6	9572.8	9117.9	8598.0
-30°	9198.5	9363.0	9443.7	9482.6	9443.7	9363.0	9198.5	8911.8	8549.0	8146.5	7693.4
-32.5°	8118.5	8261.9	8339.0	8418.8	8339.0	8261.9	8118.5	7878.5	7563.6	7202.0	6801.0
-35°	7084.5	7214.6	7285.5	7325.2	7285.5	7214.6	7084.5	6878.1	6604.2	6282.1	5916.5
-37.5°	6077.3	6201.6	6277.2	6328.5	6277.2	6201.6	6077.3	5893.6	5654.1	5368.7	5032.5
-40°	5090.0	5208.4	5286.0	5339.6	5286.0	5208.4	5090.0	4921.2	4707.5	4446.7	4162.3
-42.5°	4142.2	4240.7	4301.1	4324.2	4301.1	4240.7	4142.2	4004.2	3827.4	3608.7	3379.2
-45°	3325.4	3388.9	3432.0	3457.2	3432.0	3388.9	3325.4	3234.8	3112.1	2959.7	2786.8
-47.5°	2714.9	2756.6	2787.4	2808.9	2787.4	2756.6	2714.9	2653.5	2568.6	2462.7	2340.7
-50°	2246.3	2277.7	2297.7	2305.8	2297.7	2277.7	2246.3	2200.4	2139.4	2063.9	1976.7
-52.5°	1871.6	1893.5	1910.0	1920.0	1910.0	1893.5	1871.6	1839.7	1797.5	1743.2	1677.6
-55°	1584.0	1602.0	1610.0	1609.1	1610.0	1602.0	1584.0	1558.2	1524.7	1482.3	1434.2
-57.5°	1338.9	1352.5	1359.7	1360.7	1359.7	1352.5	1338.9	1320.1	1296.4	1267.4	1232.9
-60°	1139.7	1147.9	1153.1	1154.5	1153.1	1147.9	1139.7	1127.0	1110.1	1087.4	1060.3
-62.5°	964.9	972.9	976.9	976.4	976.9	972.9	964.9	953.1	937.7	919.7	900.6
-65°	781.2	782.7	786.0	787.4	786.0	782.7	781.2	777.0	770.0	761.8	751.1
-67.5°	643.9	643.4	644.9	645.2	644.9	643.4	643.9	642.3	638.6	632.1	622.2
-70°	523.7	522.4	517.8	510.8	517.8	522.4	523.7	524.2	524.8	523.5	516.7
-72.5°	388.3	370.5	352.5	332.8	352.5	370.5	388.3	405.5	422.5	434.3	430.6
-75°	281.2	251.9	242.1	232.8	242.1	251.9	281.2	309.5	336.7	357.4	354.9
-77.5°	206.2	178.4	170.2	162.5	170.2	178.4	206.2	232.9	258.3	278.9	277.9
-80°	140.5	120.2	116.3	112.5	116.3	120.2	140.5	160.2	179.0	195.6	197.8
-82.5°	88.2	73.2	71.0	68.7	71.0	73.2	88.2	102.6	116.3	128.4	127.4
-85°	40.9	34.2	33.5	32.8	33.5	34.2	40.9	47.3	53.4	58.9	57.6
-87.5°	6.9	6.2	5.4	4.7	5.4	6.2	6.9	7.7	8.4	9.1	9.3
-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: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-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°	9.5	9.7	9.9	10.4	10.8	11.2	11.5	11.2	10.8	10.4	10.0
85°	56.2	54.6	52.9	52.9	52.6	52.0	50.9	45.6	40.5	35.8	31.7
82.5°	125.8	123.7	120.8	116.6	112.4	108.2	103.4	92.4	81.8	71.7	63.3
80°	198.9	198.9	197.0	189.3	181.2	172.8	162.6	145.3	128.5	112.9	101.9
77.5°	276.5	274.7	270.9	260.5	250.1	239.5	226.2	203.7	181.2	159.6	145.7
75°	351.7	347.7	340.9	328.2	314.5	299.7	283.8	264.3	242.0	216.8	198.3
72.5°	425.8	420.0	411.1	397.6	382.4	366.3	349.5	330.5	308.6	283.8	265.2
70°	508.6	499.1	487.1	471.9	456.1	439.2	421.8	402.2	379.5	354.8	335.1
67.5°	609.8	595.0	578.0	560.0	542.7	522.6	502.0	479.8	456.8	430.8	406.1
65°	735.8	715.9	693.4	673.8	650.5	623.0	592.1	565.1	538.4	509.2	476.7
62.5°	881.0	861.5	830.3	798.3	767.2	735.7	698.2	660.4	624.1	587.4	549.5
60°	1029.3	994.4	960.5	923.8	884.1	841.5	800.4	757.2	712.2	668.0	622.7
57.5°	1193.0	1149.8	1105.6	1058.1	1007.7	959.3	909.3	855.7	804.5	751.0	696.9
55°	1380.8	1328.8	1272.2	1210.1	1146.1	1088.5	1027.4	966.0	903.8	836.5	776.7
52.5°	1603.6	1538.7	1466.1	1385.7	1310.5	1234.3	1154.8	1085.1	1009.1	934.3	859.9
50°	1887.5	1795.4	1695.6	1594.2	1501.0	1400.3	1306.9	1215.2	1123.3	1036.7	950.1
47.5°	2227.5	2105.7	1969.2	1843.3	1719.8	1595.1	1480.1	1358.8	1253.4	1144.3	1048.1
45°	2641.0	2478.6	2303.2	2143.3	1969.9	1819.3	1672.6	1533.1	1394.7	1271.4	1148.5
42.5°	3169.4	2932.9	2710.2	2498.1	2279.5	2081.5	1886.2	1720.9	1558.4	1405.9	1267.3
40°	3849.2	3504.6	3218.6	2914.2	2649.6	2384.3	2150.9	1921.9	1737.2	1556.5	1387.5
37.5°	4651.7	4248.3	3840.0	3423.5	3078.9	2745.6	2445.0	2175.4	1924.2	1718.8	1523.7
35°	5500.3	5044.8	4555.7	4067.7	3564.6	3161.0	2779.0	2446.8	2153.7	1888.7	1664.0
32.5°	6347.1	5846.9	5308.5	4751.7	4186.6	3621.6	3163.1	2751.6	2384.9	2083.2	1817.2
30°	7193.4	6644.5	6054.7	5446.7	4826.6	4192.5	3567.0	3086.3	2655.8	2277.3	1971.3
27.5°	8042.6	7447.6	6802.2	6133.2	5464.8	4773.4	4080.2	3431.6	2928.7	2501.0	2140.5
25°	8892.6	8227.3	7534.3	6806.2	6077.4	5342.3	4576.6	3853.4	3234.8	2724.8	2296.5
22.5°	9745.2	8998.3	8225.7	7443.6	6659.9	5874.4	5072.9	4266.7	3524.8	2952.4	2479.0
20°	10587.6	9748.7	8903.1	8055.2	7210.5	6370.5	5532.6	4672.0	3865.7	3188.1	2649.4
17.5°	11399.1	10467.2	9549.1	8629.9	7726.3	6835.8	5944.7	5045.9	4170.2	3397.9	2799.8
15°	12171.9	11155.1	10157.9	9171.0	8195.9	7239.5	6309.6	5374.3	4447.0	3616.8	2964.7
12.5°	12901.1	11791.3	10705.1	9633.9	8597.9	7595.4	6628.7	5662.5	4707.8	3829.9	3111.7
10°	13523.8	12333.2	11164.1	10034.5	8945.9	7898.2	6892.0	5906.4	4931.3	4007.3	3232.0
7.5°	14030.3	12769.0	11536.2	10351.0	9218.8	8139.2	7095.3	6093.5	5108.3	4145.9	3324.8
5°	14400.3	13089.5	11811.9	10585.6	9407.8	8314.6	7238.8	6221.5	5236.5	4244.5	3389.6
2.5°	14629.8	13283.4	11975.9	10728.1	9517.9	8420.0	7322.0	6298.9	5309.8	4298.7	3430.4
0°	14672.3	13374.1	12027.5	10743.3	9581.0	8451.6	7344.0	6327.0	5328.7	4310.1	3443.1
-2.5°	14629.8	13283.4	11975.9	10728.1	9517.9	8420.0	7322.0	6298.9	5309.8	4298.7	3430.4
-5°	14400.3	13089.5	11811.9	10585.6	9407.8	8314.6	7238.8	6221.5	5236.5	4244.5	3389.6
-7.5°	14030.3	12769.0	11536.2	10351.0	9218.8	8139.2	7095.3	6093.5	5108.3	4145.9	3324.8
-10°	13523.8	12333.2	11164.1	10034.5	8945.9	7898.2	6892.0	5906.4	4931.3	4007.3	3232.0
-12.5°	12901.1	11791.3	10705.1	9633.9	8597.9	7595.4	6628.7	5662.5	4707.8	3829.9	3111.7
-15°	12171.9	11155.1	10157.9	9171.0	8195.9	7239.5	6309.6	5374.3	4447.0	3616.8	2964.7
-17.5°	11399.1	10467.2	9549.1	8629.9	7726.3	6835.8	5944.7	5045.9	4170.2	3397.9	2799.8
-20°	10587.6	9748.7	8903.1	8055.2	7210.5	6370.5	5532.6	4672.0	3865.7	3188.1	2649.4



REPORT NUMBER: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9745.2	8998.3	8225.7	7443.6	6659.9	5874.4	5072.9	4266.7	3524.8	2952.4	2479.0
-25°	8892.6	8227.3	7534.3	6806.2	6077.4	5342.3	4576.6	3853.4	3234.8	2724.8	2296.5
-27.5°	8042.6	7447.6	6802.2	6133.2	5464.8	4773.4	4080.2	3431.6	2928.7	2501.0	2140.5
-30°	7193.4	6644.5	6054.7	5446.7	4826.6	4192.5	3567.0	3086.3	2655.8	2277.3	1971.3
-32.5°	6347.1	5846.9	5308.5	4751.7	4186.6	3621.6	3163.1	2751.6	2384.9	2083.2	1817.2
-35°	5500.3	5044.8	4555.7	4067.7	3564.6	3161.0	2779.0	2446.8	2153.7	1888.7	1664.0
-37.5°	4651.7	4248.3	3840.0	3423.5	3078.9	2745.6	2445.0	2175.4	1924.2	1718.8	1523.7
-40°	3849.2	3504.6	3218.6	2914.2	2649.6	2384.3	2150.9	1921.9	1737.2	1556.5	1387.5
-42.5°	3169.4	2932.9	2710.2	2498.1	2279.5	2081.5	1886.2	1720.9	1558.4	1405.9	1267.3
-45°	2641.0	2478.6	2303.2	2143.3	1969.9	1819.3	1672.6	1533.1	1394.7	1271.4	1148.5
-47.5°	2227.5	2105.7	1969.2	1843.3	1719.8	1595.1	1480.1	1358.8	1253.4	1144.3	1048.1
-50°	1887.5	1795.4	1695.6	1594.2	1501.0	1400.3	1306.9	1215.2	1123.3	1036.7	950.1
-52.5°	1603.6	1538.7	1466.1	1385.7	1310.5	1234.3	1154.8	1085.1	1009.1	934.3	859.9
-55°	1380.8	1328.8	1272.2	1210.1	1146.1	1088.5	1027.4	966.0	903.8	836.5	776.7
-57.5°	1193.0	1149.8	1105.6	1058.1	1007.7	959.3	909.3	855.7	804.5	751.0	696.9
-60°	1029.3	994.4	960.5	923.8	884.1	841.5	800.4	757.2	712.2	668.0	622.7
-62.5°	881.0	861.5	830.3	798.3	767.2	735.7	698.2	660.4	624.1	587.4	549.5
-65°	735.8	715.9	693.4	673.8	650.5	623.0	592.1	565.1	538.4	509.2	476.7
-67.5°	609.8	595.0	578.0	560.0	542.7	522.6	502.0	479.8	456.8	430.8	406.1
-70°	508.6	499.1	487.1	471.9	456.1	439.2	421.8	402.2	379.5	354.8	335.1
-72.5°	425.8	420.0	411.1	397.6	382.4	366.3	349.5	330.5	308.6	283.8	265.2
-75°	351.7	347.7	340.9	328.2	314.5	299.7	283.8	264.3	242.0	216.8	198.3
-77.5°	276.5	274.7	270.9	260.5	250.1	239.5	226.2	203.7	181.2	159.6	145.7
-80°	198.9	198.9	197.0	189.3	181.2	172.8	162.6	145.3	128.5	112.9	101.9
-82.5°	125.8	123.7	120.8	116.6	112.4	108.2	103.4	92.4	81.8	71.7	63.3
-85°	56.2	54.6	52.9	52.9	52.6	52.0	50.9	45.6	40.5	35.8	31.7
-87.5°	9.5	9.7	9.9	10.4	10.8	11.2	11.5	11.2	10.8	10.4	10.0
-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: P627233 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-WR-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°	11.1	12.1	12.8	13.4	13.8	14.1	14.1	13.9	13.3	12.6	11.6
85°	33.1	33.8	33.6	32.6	30.5	28.2	28.2	27.7	26.6	25.1	23.2
82.5°	65.7	67.8	68.9	68.5	64.3	59.8	55.0	50.0	44.6	38.4	34.9
80°	105.7	108.0	108.8	107.0	99.4	91.3	84.3	77.1	70.0	61.9	52.9
77.5°	148.8	150.5	150.9	148.2	138.6	128.2	117.0	105.3	95.3	85.3	74.2
75°	195.0	195.6	195.2	190.2	178.4	165.0	151.5	136.9	122.4	108.7	95.3
72.5°	255.2	247.0	240.8	232.7	219.7	204.6	187.4	168.0	149.6	132.3	116.1
70°	318.0	300.7	287.2	274.8	260.5	244.5	225.4	201.1	176.4	155.4	135.8
67.5°	383.6	362.1	340.5	317.9	300.3	282.3	262.9	233.7	204.1	178.0	155.0
65°	447.6	421.0	396.5	367.2	341.5	319.6	297.7	264.6	230.8	200.4	173.8
62.5°	512.0	476.4	445.7	413.9	382.9	355.7	331.0	293.3	256.3	221.8	191.6
60°	578.2	536.4	494.6	457.9	422.9	390.0	359.2	321.2	281.1	242.2	208.5
57.5°	646.7	596.6	548.8	503.1	462.3	424.3	386.3	346.9	305.0	262.9	223.6
55°	715.9	659.3	603.2	550.8	502.4	459.2	414.4	371.4	328.0	283.1	235.7
52.5°	790.1	723.8	660.5	599.3	544.0	493.1	444.4	395.5	349.8	302.6	248.9
50°	868.8	792.1	719.9	651.4	585.2	528.6	473.7	421.8	371.2	321.3	261.3
47.5°	951.5	864.6	782.4	704.0	632.1	563.0	504.3	447.7	391.9	339.8	272.6
45°	1042.4	939.2	846.6	760.5	677.0	602.0	534.5	472.7	414.3	353.1	282.8
42.5°	1133.9	1019.7	913.2	815.2	725.9	641.3	563.5	498.6	436.0	365.3	292.7
40°	1239.3	1101.9	980.2	874.0	774.2	678.9	596.9	523.6	456.1	377.3	302.4
37.5°	1342.1	1190.4	1053.3	930.1	821.9	721.3	629.1	547.4	471.9	390.4	311.1
35°	1463.3	1281.8	1123.0	989.5	870.9	761.7	659.5	571.7	489.3	403.1	318.9
32.5°	1581.0	1374.8	1201.3	1050.3	917.2	800.0	691.7	596.6	507.1	415.1	325.7
30°	1710.3	1476.0	1275.3	1107.2	963.2	839.3	724.1	620.0	525.0	426.4	332.3
27.5°	1834.5	1569.3	1347.1	1167.5	1011.8	876.1	754.1	642.0	542.9	438.3	340.5
25°	1957.6	1670.1	1426.4	1225.0	1056.5	909.6	781.7	662.5	560.5	451.5	347.9
22.5°	2091.2	1767.6	1497.8	1276.6	1096.8	940.1	808.0	684.9	576.6	464.2	354.4
20°	2214.0	1855.7	1561.6	1326.0	1136.9	973.0	832.6	705.0	591.1	476.0	359.9
17.5°	2329.8	1945.2	1632.8	1379.4	1174.8	1002.1	854.2	722.7	603.9	487.0	364.3
15°	2451.4	2034.1	1696.8	1425.7	1207.7	1027.2	872.8	737.9	615.0	496.8	368.5
12.5°	2555.3	2109.3	1750.7	1464.7	1235.2	1048.2	888.3	750.5	624.2	505.2	372.3
10°	2640.9	2170.4	1794.1	1496.1	1257.5	1065.0	900.7	760.7	631.9	511.7	374.3
7.5°	2707.5	2217.0	1826.9	1519.9	1274.5	1078.2	911.0	768.7	637.8	516.2	374.8
5°	2754.1	2249.6	1851.0	1536.6	1287.4	1087.6	918.3	773.9	641.8	518.7	373.7
2.5°	2778.5	2268.0	1865.8	1545.5	1294.8	1092.7	922.4	776.5	643.8	519.1	371.1
0°	2782.3	2271.5	1870.0	1546.6	1296.6	1093.5	923.3	776.4	643.6	517.1	367.1
-2.5°	2778.5	2268.0	1865.8	1545.5	1294.8	1092.7	922.4	776.5	643.8	519.1	371.1
-5°	2754.1	2249.6	1851.0	1536.6	1287.4	1087.6	918.3	773.9	641.8	518.7	373.7
-7.5°	2707.5	2217.0	1826.9	1519.9	1274.5	1078.2	911.0	768.7	637.8	516.2	374.8
-10°	2640.9	2170.4	1794.1	1496.1	1257.5	1065.0	900.7	760.7	631.9	511.7	374.3
-12.5°	2555.3	2109.3	1750.7	1464.7	1235.2	1048.2	888.3	750.5	624.2	505.2	372.3
-15°	2451.4	2034.1	1696.8	1425.7	1207.7	1027.2	872.8	737.9	615.0	496.8	368.5
-17.5°	2329.8	1945.2	1632.8	1379.4	1174.8	1002.1	854.2	722.7	603.9	487.0	364.3
-20°	2214.0	1855.7	1561.6	1326.0	1136.9	973.0	832.6	705.0	591.1	476.0	359.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2091.2	1767.6	1497.8	1276.6	1096.8	940.1	808.0	684.9	576.6	464.2	354.4
-25°	1957.6	1670.1	1426.4	1225.0	1056.5	909.6	781.7	662.5	560.5	451.5	347.9
-27.5°	1834.5	1569.3	1347.1	1167.5	1011.8	876.1	754.1	642.0	542.9	438.3	340.5
-30°	1710.3	1476.0	1275.3	1107.2	963.2	839.3	724.1	620.0	525.0	426.4	332.3
-32.5°	1581.0	1374.8	1201.3	1050.3	917.2	800.0	691.7	596.6	507.1	415.1	325.7
-35°	1463.3	1281.8	1123.0	989.5	870.9	761.7	659.5	571.7	489.3	403.1	318.9
-37.5°	1342.1	1190.4	1053.3	930.1	821.9	721.3	629.1	547.4	471.9	390.4	311.1
-40°	1239.3	1101.9	980.2	874.0	774.2	678.9	596.9	523.6	456.1	377.3	302.4
-42.5°	1133.9	1019.7	913.2	815.2	725.9	641.3	563.5	498.6	436.0	365.3	292.7
-45°	1042.4	939.2	846.6	760.5	677.0	602.0	534.5	472.7	414.3	353.1	282.8
-47.5°	951.5	864.6	782.4	704.0	632.1	563.0	504.3	447.7	391.9	339.8	272.6
-50°	868.8	792.1	719.9	651.4	585.2	528.6	473.7	421.8	371.2	321.3	261.3
-52.5°	790.1	723.8	660.5	599.3	544.0	493.1	444.4	395.5	349.8	302.6	248.9
-55°	715.9	659.3	603.2	550.8	502.4	459.2	414.4	371.4	328.0	283.1	235.7
-57.5°	646.7	596.6	548.8	503.1	462.3	424.3	386.3	346.9	305.0	262.9	223.6
-60°	578.2	536.4	494.6	457.9	422.9	390.0	359.2	321.2	281.1	242.2	208.5
-62.5°	512.0	476.4	445.7	413.9	382.9	355.7	331.0	293.3	256.3	221.8	191.6
-65°	447.6	421.0	396.5	367.2	341.5	319.6	297.7	264.6	230.8	200.4	173.8
-67.5°	383.6	362.1	340.5	317.9	300.3	282.3	262.9	233.7	204.1	178.0	155.0
-70°	318.0	300.7	287.2	274.8	260.5	244.5	225.4	201.1	176.4	155.4	135.8
-72.5°	255.2	247.0	240.8	232.7	219.7	204.6	187.4	168.0	149.6	132.3	116.1
-75°	195.0	195.6	195.2	190.2	178.4	165.0	151.5	136.9	122.4	108.7	95.3
-77.5°	148.8	150.5	150.9	148.2	138.6	128.2	117.0	105.3	95.3	85.3	74.2
-80°	105.7	108.0	108.8	107.0	99.4	91.3	84.3	77.1	70.0	61.9	52.9
-82.5°	65.7	67.8	68.9	68.5	64.3	59.8	55.0	50.0	44.6	38.4	34.9
-85°	33.1	33.8	33.6	32.6	30.5	28.2	28.2	27.7	26.6	25.1	23.2
-87.5°	11.1	12.1	12.8	13.4	13.8	14.1	14.1	13.9	13.3	12.6	11.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	8.2	6.1	4.2	2.6	1.1	0.0
85°	21.0	16.4	12.2	8.4	5.2	2.2	0.0
82.5°	31.3	24.5	18.2	12.6	7.7	3.4	0.0
80°	42.6	32.5	24.2	16.8	10.3	4.5	0.0
77.5°	60.8	42.2	30.1	20.9	12.8	5.6	0.0
75°	78.5	55.2	36.4	24.9	15.2	6.6	0.0
72.5°	95.6	67.8	45.1	28.8	17.6	7.7	0.0
70°	111.8	79.9	53.5	33.0	20.0	8.7	0.0
67.5°	125.9	91.4	61.5	38.1	22.3	9.8	0.0
65°	139.4	102.0	69.1	43.0	24.5	10.7	0.0
62.5°	152.0	111.7	76.3	47.6	26.6	11.7	0.0
60°	163.9	120.8	83.0	52.0	28.6	12.6	0.0
57.5°	174.6	129.3	89.3	56.1	31.1	13.5	0.0
55°	184.5	137.2	95.1	59.8	33.5	14.4	0.0
52.5°	193.5	144.3	100.5	63.3	35.8	15.2	0.0
50°	201.7	150.9	105.3	66.4	38.0	16.0	0.0
47.5°	209.3	156.8	109.7	69.2	40.1	16.7	0.0
45°	217.9	162.0	113.5	72.0	42.1	17.4	0.0
42.5°	225.6	166.6	116.8	74.5	43.9	18.1	0.0
40°	232.3	170.4	119.7	77.3	45.7	18.7	0.0
37.5°	238.0	173.6	122.4	80.0	47.3	19.3	0.0
35°	242.8	177.1	124.5	82.6	48.8	19.8	0.0
32.5°	247.2	180.5	126.2	84.9	50.2	20.2	0.0
30°	252.0	183.1	127.3	87.0	51.5	20.7	0.0
27.5°	256.0	185.0	130.0	88.9	52.6	21.0	0.0
25°	259.1	186.1	132.7	90.5	53.6	21.3	0.0
22.5°	261.3	187.6	135.0	91.9	54.5	21.6	0.0
20°	262.5	191.0	137.0	93.0	55.2	21.8	0.0
17.5°	265.5	193.8	138.6	93.9	55.8	22.0	0.0
15°	269.0	196.0	140.0	94.6	56.3	22.1	0.0
12.5°	271.6	197.6	140.9	95.0	56.6	22.2	0.0
10°	273.2	198.6	141.6	95.2	56.8	22.2	0.0
7.5°	273.8	199.0	141.9	95.2	56.8	22.2	0.0
5°	273.6	198.8	141.8	94.9	56.8	22.2	0.0
2.5°	272.4	198.1	141.4	94.4	56.5	22.0	0.0
0°	270.3	196.8	140.6	93.7	56.2	21.9	0.0
-2.5°	272.4	198.1	141.4	94.4	56.5	22.0	0.0
-5°	273.6	198.8	141.8	94.9	56.8	22.2	0.0
-7.5°	273.8	199.0	141.9	95.2	56.8	22.2	0.0
-10°	273.2	198.6	141.6	95.2	56.8	22.2	0.0
-12.5°	271.6	197.6	140.9	95.0	56.6	22.2	0.0
-15°	269.0	196.0	140.0	94.6	56.3	22.1	0.0
-17.5°	265.5	193.8	138.6	93.9	55.8	22.0	0.0
-20°	262.5	191.0	137.0	93.0	55.2	21.8	0.0

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CATALOG NUMBER: GFLD-SA3D-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	261.3	187.6	135.0	91.9	54.5	21.6	0.0
-25°	259.1	186.1	132.7	90.5	53.6	21.3	0.0
-27.5°	256.0	185.0	130.0	88.9	52.6	21.0	0.0
-30°	252.0	183.1	127.3	87.0	51.5	20.7	0.0
-32.5°	247.2	180.5	126.2	84.9	50.2	20.2	0.0
-35°	242.8	177.1	124.5	82.6	48.8	19.8	0.0
-37.5°	238.0	173.6	122.4	80.0	47.3	19.3	0.0
-40°	232.3	170.4	119.7	77.3	45.7	18.7	0.0
-42.5°	225.6	166.6	116.8	74.5	43.9	18.1	0.0
-45°	217.9	162.0	113.5	72.0	42.1	17.4	0.0
-47.5°	209.3	156.8	109.7	69.2	40.1	16.7	0.0
-50°	201.7	150.9	105.3	66.4	38.0	16.0	0.0
-52.5°	193.5	144.3	100.5	63.3	35.8	15.2	0.0
-55°	184.5	137.2	95.1	59.8	33.5	14.4	0.0
-57.5°	174.6	129.3	89.3	56.1	31.1	13.5	0.0
-60°	163.9	120.8	83.0	52.0	28.6	12.6	0.0
-62.5°	152.0	111.7	76.3	47.6	26.6	11.7	0.0
-65°	139.4	102.0	69.1	43.0	24.5	10.7	0.0
-67.5°	125.9	91.4	61.5	38.1	22.3	9.8	0.0
-70°	111.8	79.9	53.5	33.0	20.0	8.7	0.0
-72.5°	95.6	67.8	45.1	28.8	17.6	7.7	0.0
-75°	78.5	55.2	36.4	24.9	15.2	6.6	0.0
-77.5°	60.8	42.2	30.1	20.9	12.8	5.6	0.0
-80°	42.6	32.5	24.2	16.8	10.3	4.5	0.0
-82.5°	31.3	24.5	18.2	12.6	7.7	3.4	0.0
-85°	21.0	16.4	12.2	8.4	5.2	2.2	0.0
-87.5°	10.5	8.2	6.1	4.2	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)