

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-730-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

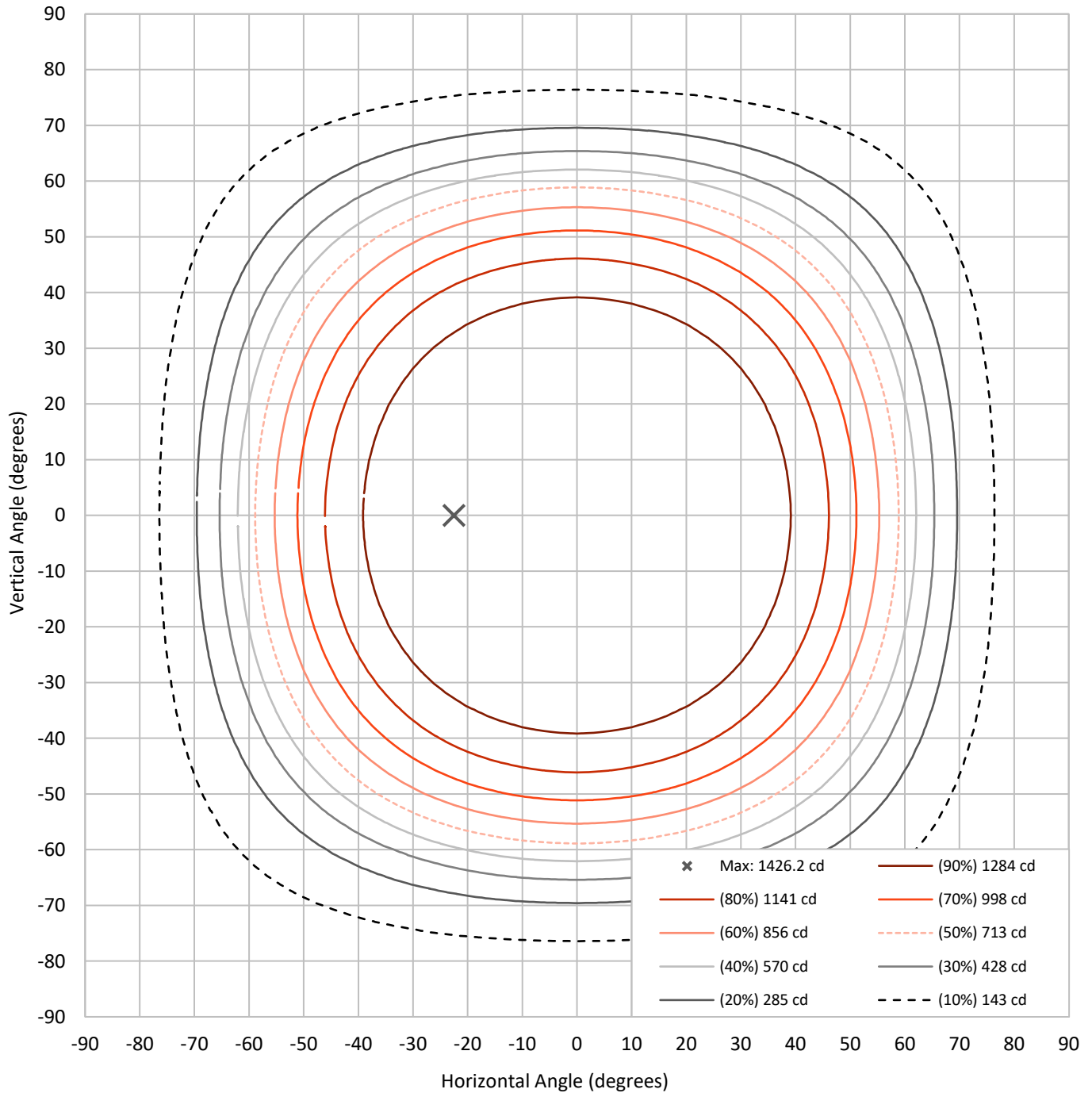
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4362.7 lumens	Max Intensity:	1426.2 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	130.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	3630.7 lumens	Field Lumens:	4276.9 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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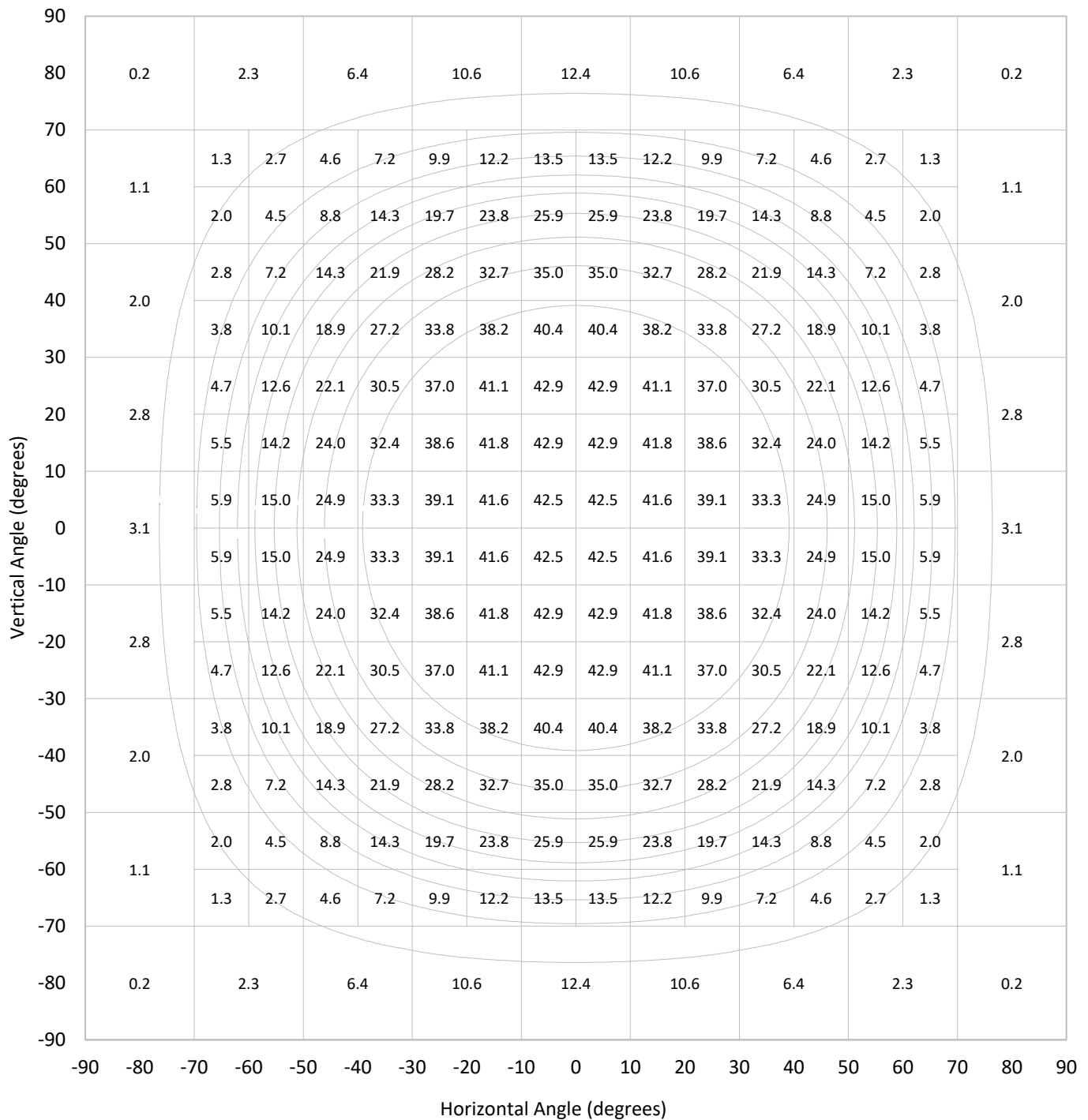
Iso-Candela Plot





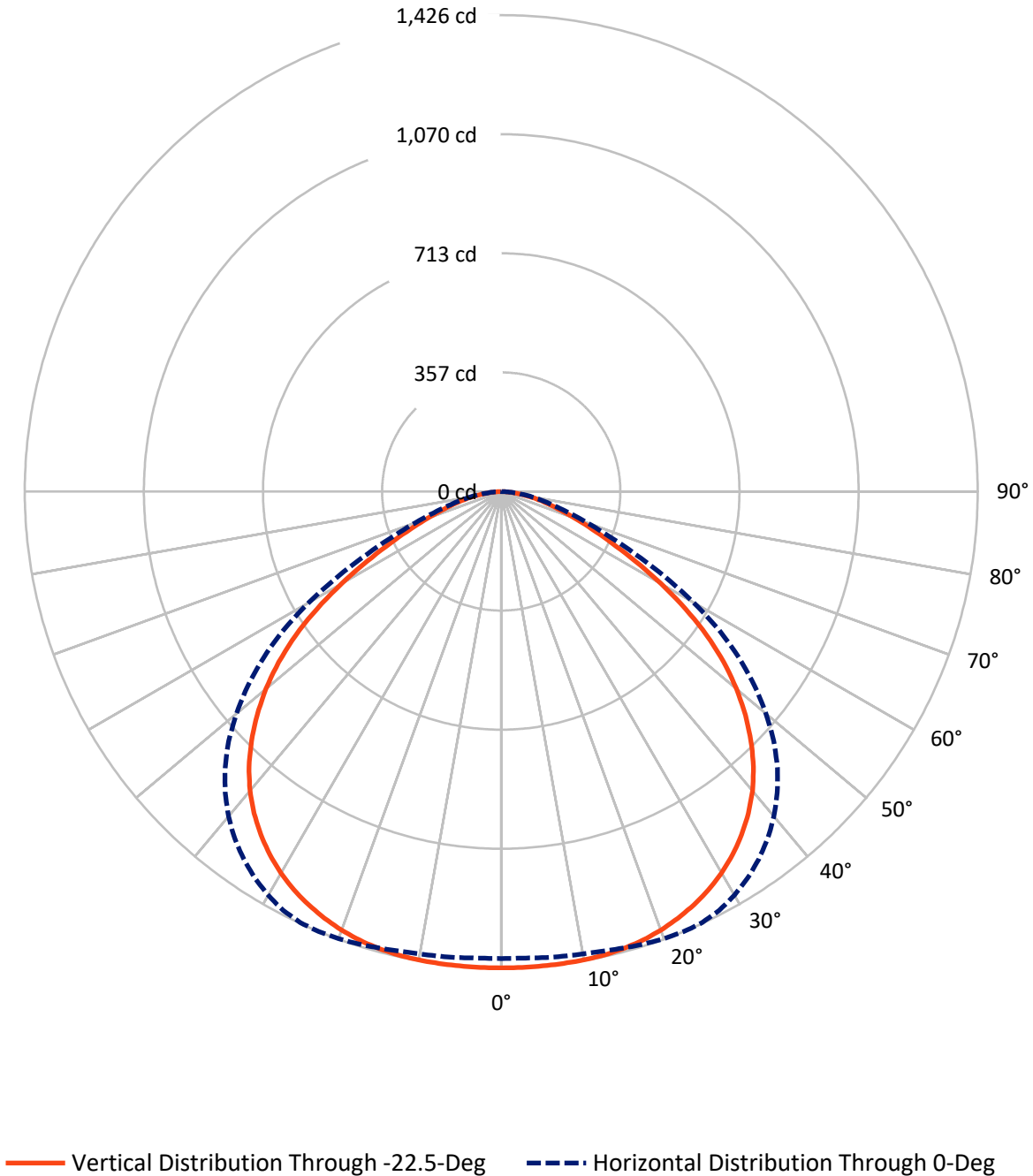
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Lumen Table



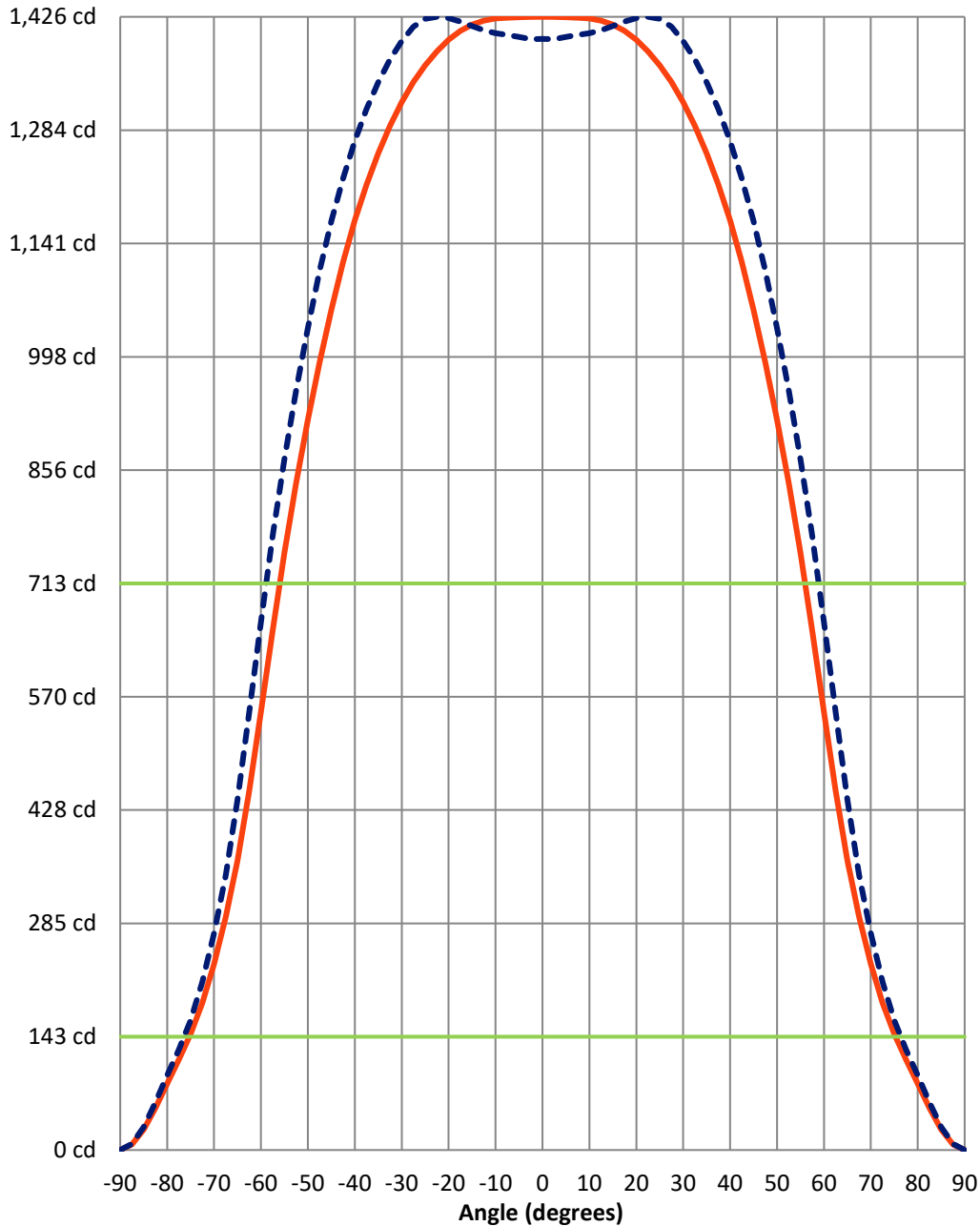
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CATALOG NUMBER: GFLD-SA1B-730-U-LAM-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 3630.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 4276.9
 Efficiency: 98.0%

Spill:
 Lumens: 85.8
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
85°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	6.0	6.6
82.5°	0.0	1.0	2.0	3.0	4.1	5.1	6.0	7.0	8.3	10.9	13.4
80°	0.0	1.4	2.7	4.1	5.4	6.7	8.4	12.0	15.5	18.9	22.3
77.5°	0.0	1.7	3.4	5.1	6.7	9.4	13.8	18.2	22.6	26.9	32.1
75°	0.0	2.0	4.0	6.0	8.4	13.8	19.2	24.5	30.0	37.5	44.8
72.5°	0.0	2.3	4.7	7.0	12.0	18.2	24.5	31.3	40.2	48.9	57.4
70°	0.0	2.7	5.3	8.3	15.5	22.6	30.0	40.2	50.2	60.2	70.9
67.5°	0.0	3.0	6.0	10.9	18.9	26.9	37.5	48.9	60.2	72.4	84.5
65°	0.0	3.3	6.6	13.4	22.3	32.1	44.8	57.4	70.9	84.5	97.7
62.5°	0.0	3.6	7.2	15.9	25.6	38.1	52.0	66.4	81.5	96.2	110.2
60°	0.0	3.9	7.8	18.3	28.8	44.0	59.1	75.5	91.8	107.3	122.5
57.5°	0.0	4.2	9.4	20.7	33.4	49.7	66.6	84.4	101.6	118.2	135.6
55°	0.0	4.5	10.9	23.0	37.9	55.3	74.0	93.0	111.0	129.0	148.9
52.5°	0.0	4.7	12.4	25.2	42.2	60.9	81.2	101.0	120.1	140.7	161.9
50°	0.0	5.0	13.8	27.4	46.4	66.7	88.1	108.8	129.3	152.0	178.0
47.5°	0.0	5.3	15.2	29.7	50.5	72.3	94.8	116.3	139.1	163.0	194.0
45°	0.0	5.5	16.6	32.7	54.4	77.6	101.0	123.5	148.4	176.7	209.4
42.5°	0.0	5.7	17.8	35.5	58.1	82.8	106.9	131.0	157.4	190.1	227.6
40°	0.0	6.0	19.1	38.1	61.9	87.7	112.6	138.4	166.9	202.8	245.6
37.5°	0.0	6.2	20.2	40.7	65.6	92.4	117.9	145.6	177.6	215.9	262.8
35°	0.0	6.4	21.3	43.1	69.1	96.7	123.0	152.3	187.8	230.4	280.3
32.5°	0.0	6.6	22.3	45.3	72.4	100.6	128.0	158.7	197.4	244.1	298.6
30°	0.0	6.8	23.3	47.4	75.5	104.3	133.1	165.0	206.4	257.0	315.9
27.5°	0.0	6.9	24.2	49.4	78.4	107.8	137.8	172.3	215.5	269.0	331.9
25°	0.0	7.1	25.0	51.2	81.0	111.0	142.1	179.0	225.3	281.4	346.9
22.5°	0.0	7.2	25.8	52.8	83.5	113.9	146.0	185.1	234.1	293.5	364.4
20°	0.0	7.3	26.4	54.3	85.6	116.5	149.6	190.6	242.1	304.3	380.2
17.5°	0.0	7.4	27.0	55.6	87.5	118.8	152.8	195.4	249.2	314.0	394.3
15°	0.0	7.5	27.6	56.7	89.2	120.8	155.5	199.7	255.4	322.5	406.6
12.5°	0.0	7.6	28.0	57.7	90.6	122.5	157.8	203.3	260.7	329.6	417.0
10°	0.0	7.7	28.4	58.5	91.8	123.9	159.8	206.3	265.1	335.5	425.6
7.5°	0.0	7.7	28.6	59.1	92.7	125.0	161.3	208.6	268.4	340.2	432.3
5°	0.0	7.8	28.8	59.5	93.4	125.8	162.3	210.3	270.9	343.5	437.1
2.5°	0.0	7.8	29.0	59.8	93.8	126.2	163.0	211.3	272.3	345.4	440.0
0°	0.0	7.8	29.0	59.9	93.9	126.4	163.2	211.6	272.8	346.1	441.0
-2.5°	0.0	7.8	29.0	59.8	93.8	126.2	163.0	211.3	272.3	345.4	440.0
-5°	0.0	7.8	28.8	59.5	93.4	125.8	162.3	210.3	270.9	343.5	437.1
-7.5°	0.0	7.7	28.6	59.1	92.7	125.0	161.3	208.6	268.4	340.2	432.3
-10°	0.0	7.7	28.4	58.5	91.8	123.9	159.8	206.3	265.1	335.5	425.6
-12.5°	0.0	7.6	28.0	57.7	90.6	122.5	157.8	203.3	260.7	329.6	417.0
-15°	0.0	7.5	27.6	56.7	89.2	120.8	155.5	199.7	255.4	322.5	406.6
-17.5°	0.0	7.4	27.0	55.6	87.5	118.8	152.8	195.4	249.2	314.0	394.3
-20°	0.0	7.3	26.4	54.3	85.6	116.5	149.6	190.6	242.1	304.3	380.2

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Scaled Data Report



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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	7.2	25.8	52.8	83.5	113.9	146.0	185.1	234.1	293.5	364.4
-25°	0.0	7.1	25.0	51.2	81.0	111.0	142.1	179.0	225.3	281.4	346.9
-27.5°	0.0	6.9	24.2	49.4	78.4	107.8	137.8	172.3	215.5	269.0	331.9
-30°	0.0	6.8	23.3	47.4	75.5	104.3	133.1	165.0	206.4	257.0	315.9
-32.5°	0.0	6.6	22.3	45.3	72.4	100.6	128.0	158.7	197.4	244.1	298.6
-35°	0.0	6.4	21.3	43.1	69.1	96.7	123.0	152.3	187.8	230.4	280.3
-37.5°	0.0	6.2	20.2	40.7	65.6	92.4	117.9	145.6	177.6	215.9	262.8
-40°	0.0	6.0	19.1	38.1	61.9	87.7	112.6	138.4	166.9	202.8	245.6
-42.5°	0.0	5.7	17.8	35.5	58.1	82.8	106.9	131.0	157.4	190.1	227.6
-45°	0.0	5.5	16.6	32.7	54.4	77.6	101.0	123.5	148.4	176.7	209.4
-47.5°	0.0	5.3	15.2	29.7	50.5	72.3	94.8	116.3	139.1	163.0	194.0
-50°	0.0	5.0	13.8	27.4	46.4	66.7	88.1	108.8	129.3	152.0	178.0
-52.5°	0.0	4.7	12.4	25.2	42.2	60.9	81.2	101.0	120.1	140.7	161.9
-55°	0.0	4.5	10.9	23.0	37.9	55.3	74.0	93.0	111.0	129.0	148.9
-57.5°	0.0	4.2	9.4	20.7	33.4	49.7	66.6	84.4	101.6	118.2	135.6
-60°	0.0	3.9	7.8	18.3	28.8	44.0	59.1	75.5	91.8	107.3	122.5
-62.5°	0.0	3.6	7.2	15.9	25.6	38.1	52.0	66.4	81.5	96.2	110.2
-65°	0.0	3.3	6.6	13.4	22.3	32.1	44.8	57.4	70.9	84.5	97.7
-67.5°	0.0	3.0	6.0	10.9	18.9	26.9	37.5	48.9	60.2	72.4	84.5
-70°	0.0	2.7	5.3	8.3	15.5	22.6	30.0	40.2	50.2	60.2	70.9
-72.5°	0.0	2.3	4.7	7.0	12.0	18.2	24.5	31.3	40.2	48.9	57.4
-75°	0.0	2.0	4.0	6.0	8.4	13.8	19.2	24.5	30.0	37.5	44.8
-77.5°	0.0	1.7	3.4	5.1	6.7	9.4	13.8	18.2	22.6	26.9	32.1
-80°	0.0	1.4	2.7	4.1	5.4	6.7	8.4	12.0	15.5	18.9	22.3
-82.5°	0.0	1.0	2.0	3.0	4.1	5.1	6.0	7.0	8.3	10.9	13.4
-85°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	6.0	6.6
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-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: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-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°	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.7	6.0	6.2
85°	7.2	7.8	9.4	10.9	12.4	13.8	15.2	16.6	17.8	19.1	20.2
82.5°	15.9	18.3	20.7	23.0	25.2	27.4	29.7	32.7	35.5	38.1	40.7
80°	25.6	28.8	33.4	37.9	42.2	46.4	50.5	54.4	58.1	61.9	65.6
77.5°	38.1	44.0	49.7	55.3	60.9	66.7	72.3	77.6	82.8	87.7	92.4
75°	52.0	59.1	66.6	74.0	81.2	88.1	94.8	101.0	106.9	112.6	117.9
72.5°	66.4	75.5	84.4	93.0	101.0	108.8	116.3	123.5	131.0	138.4	145.6
70°	81.5	91.8	101.6	111.0	120.1	129.3	139.1	148.4	157.4	166.9	177.6
67.5°	96.2	107.3	118.2	129.0	140.7	152.0	163.0	176.7	190.1	202.8	215.9
65°	110.2	122.5	135.6	148.9	161.9	178.0	194.0	209.4	227.6	245.6	262.8
62.5°	123.9	138.9	153.9	170.1	188.9	207.1	228.2	249.7	270.4	293.8	316.5
60°	138.9	155.5	174.5	195.4	217.0	242.1	266.5	293.5	320.6	346.9	379.1
57.5°	153.9	174.5	197.7	222.6	250.6	278.8	310.5	341.1	377.9	414.6	451.2
55°	170.1	195.4	222.6	253.4	285.6	320.7	357.5	400.3	441.7	487.9	532.1
52.5°	188.9	217.0	250.6	285.6	324.2	366.4	413.9	462.9	514.5	564.6	613.8
50°	207.1	242.1	278.8	320.7	366.4	418.4	473.5	530.6	586.9	641.9	693.4
47.5°	228.2	266.5	310.5	357.5	413.9	473.5	536.0	598.2	659.0	715.4	769.4
45°	249.7	293.5	341.1	400.3	462.9	530.6	598.2	664.7	726.5	784.7	835.7
42.5°	270.4	320.6	377.9	441.7	514.5	586.9	659.0	726.5	789.7	845.9	897.1
40°	293.8	346.9	414.6	487.9	564.6	641.9	715.4	784.7	845.9	901.8	953.6
37.5°	316.5	379.1	451.2	532.1	613.8	693.4	769.4	835.7	897.1	953.6	1003.4
35°	338.0	409.8	490.0	574.9	660.7	741.7	815.6	883.2	944.1	999.0	1049.9
32.5°	362.0	438.8	526.7	616.1	703.5	785.9	859.2	925.3	985.9	1041.6	1092.1
30°	386.8	470.0	561.6	654.9	743.6	824.3	897.5	964.4	1024.5	1079.5	1129.0
27.5°	409.8	499.5	594.9	690.0	780.3	860.2	932.5	998.3	1058.8	1114.2	1162.2
25°	431.1	526.7	625.7	722.1	811.2	891.3	964.2	1030.0	1090.1	1143.3	1189.9
22.5°	452.1	551.7	653.9	751.6	839.6	919.1	991.3	1057.3	1117.4	1170.1	1214.9
20°	472.5	574.9	678.8	777.7	865.3	944.3	1016.0	1081.8	1140.4	1191.4	1235.9
17.5°	490.7	595.7	700.6	798.8	886.5	965.9	1037.8	1103.9	1161.0	1210.6	1254.1
15°	506.5	613.8	719.6	817.3	904.7	983.8	1055.7	1121.1	1177.8	1227.0	1270.2
12.5°	520.1	629.2	735.9	833.1	920.3	999.1	1071.1	1135.5	1191.3	1239.8	1282.1
10°	531.2	641.9	749.3	846.1	933.1	1011.7	1083.7	1147.4	1202.5	1250.5	1292.0
7.5°	539.9	651.9	759.8	856.2	943.2	1021.7	1093.7	1156.8	1211.3	1258.9	1299.9
5°	546.1	659.0	767.3	863.5	950.4	1028.8	1100.8	1163.6	1217.6	1264.9	1305.5
2.5°	549.8	663.3	771.8	867.9	954.7	1033.1	1105.2	1167.6	1221.4	1268.6	1309.0
0°	551.1	664.7	773.3	869.4	956.2	1034.5	1106.6	1169.0	1222.7	1269.8	1310.1
-2.5°	549.8	663.3	771.8	867.9	954.7	1033.1	1105.2	1167.6	1221.4	1268.6	1309.0
-5°	546.1	659.0	767.3	863.5	950.4	1028.8	1100.8	1163.6	1217.6	1264.9	1305.5
-7.5°	539.9	651.9	759.8	856.2	943.2	1021.7	1093.7	1156.8	1211.3	1258.9	1299.9
-10°	531.2	641.9	749.3	846.1	933.1	1011.7	1083.7	1147.4	1202.5	1250.5	1292.0
-12.5°	520.1	629.2	735.9	833.1	920.3	999.1	1071.1	1135.5	1191.3	1239.8	1282.1
-15°	506.5	613.8	719.6	817.3	904.7	983.8	1055.7	1121.1	1177.8	1227.0	1270.2
-17.5°	490.7	595.7	700.6	798.8	886.5	965.9	1037.8	1103.9	1161.0	1210.6	1254.1
-20°	472.5	574.9	678.8	777.7	865.3	944.3	1016.0	1081.8	1140.4	1191.4	1235.9



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 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	452.1	551.7	653.9	751.6	839.6	919.1	991.3	1057.3	1117.4	1170.1	1214.9
-25°	431.1	526.7	625.7	722.1	811.2	891.3	964.2	1030.0	1090.1	1143.3	1189.9
-27.5°	409.8	499.5	594.9	690.0	780.3	860.2	932.5	998.3	1058.8	1114.2	1162.2
-30°	386.8	470.0	561.6	654.9	743.6	824.3	897.5	964.4	1024.5	1079.5	1129.0
-32.5°	362.0	438.8	526.7	616.1	703.5	785.9	859.2	925.3	985.9	1041.6	1092.1
-35°	338.0	409.8	490.0	574.9	660.7	741.7	815.6	883.2	944.1	999.0	1049.9
-37.5°	316.5	379.1	451.2	532.1	613.8	693.4	769.4	835.7	897.1	953.6	1003.4
-40°	293.8	346.9	414.6	487.9	564.6	641.9	715.4	784.7	845.9	901.8	953.6
-42.5°	270.4	320.6	377.9	441.7	514.5	586.9	659.0	726.5	789.7	845.9	897.1
-45°	249.7	293.5	341.1	400.3	462.9	530.6	598.2	664.7	726.5	784.7	835.7
-47.5°	228.2	266.5	310.5	357.5	413.9	473.5	536.0	598.2	659.0	715.4	769.4
-50°	207.1	242.1	278.8	320.7	366.4	418.4	473.5	530.6	586.9	641.9	693.4
-52.5°	188.9	217.0	250.6	285.6	324.2	366.4	413.9	462.9	514.5	564.6	613.8
-55°	170.1	195.4	222.6	253.4	285.6	320.7	357.5	400.3	441.7	487.9	532.1
-57.5°	153.9	174.5	197.7	222.6	250.6	278.8	310.5	341.1	377.9	414.6	451.2
-60°	138.9	155.5	174.5	195.4	217.0	242.1	266.5	293.5	320.6	346.9	379.1
-62.5°	123.9	138.9	153.9	170.1	188.9	207.1	228.2	249.7	270.4	293.8	316.5
-65°	110.2	122.5	135.6	148.9	161.9	178.0	194.0	209.4	227.6	245.6	262.8
-67.5°	96.2	107.3	118.2	129.0	140.7	152.0	163.0	176.7	190.1	202.8	215.9
-70°	81.5	91.8	101.6	111.0	120.1	129.3	139.1	148.4	157.4	166.9	177.6
-72.5°	66.4	75.5	84.4	93.0	101.0	108.8	116.3	123.5	131.0	138.4	145.6
-75°	52.0	59.1	66.6	74.0	81.2	88.1	94.8	101.0	106.9	112.6	117.9
-77.5°	38.1	44.0	49.7	55.3	60.9	66.7	72.3	77.6	82.8	87.7	92.4
-80°	25.6	28.8	33.4	37.9	42.2	46.4	50.5	54.4	58.1	61.9	65.6
-82.5°	15.9	18.3	20.7	23.0	25.2	27.4	29.7	32.7	35.5	38.1	40.7
-85°	7.2	7.8	9.4	10.9	12.4	13.8	15.2	16.6	17.8	19.1	20.2
-87.5°	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.7	6.0	6.2
-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: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-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°	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.7
85°	21.3	22.3	23.3	24.2	25.0	25.8	26.4	27.0	27.6	28.0	28.4
82.5°	43.1	45.3	47.4	49.4	51.2	52.8	54.3	55.6	56.7	57.7	58.5
80°	69.1	72.4	75.5	78.4	81.0	83.5	85.6	87.5	89.2	90.6	91.8
77.5°	96.7	100.6	104.3	107.8	111.0	113.9	116.5	118.8	120.8	122.5	123.9
75°	123.0	128.0	133.1	137.8	142.1	146.0	149.6	152.8	155.5	157.8	159.8
72.5°	152.3	158.7	165.0	172.3	179.0	185.1	190.6	195.4	199.7	203.3	206.3
70°	187.8	197.4	206.4	215.5	225.3	234.1	242.1	249.2	255.4	260.7	265.1
67.5°	230.4	244.1	257.0	269.0	281.4	293.5	304.3	314.0	322.5	329.6	335.5
65°	280.3	298.6	315.9	331.9	346.9	364.4	380.2	394.3	406.6	417.0	425.6
62.5°	338.0	362.0	386.8	409.8	431.1	452.1	472.5	490.7	506.5	520.1	531.2
60°	409.8	438.8	470.0	499.5	526.7	551.7	574.9	595.7	613.8	629.2	641.9
57.5°	490.0	526.7	561.6	594.9	625.7	653.9	678.8	700.6	719.6	735.9	749.3
55°	574.9	616.1	654.9	690.0	722.1	751.6	777.7	798.8	817.3	833.1	846.1
52.5°	660.7	703.5	743.6	780.3	811.2	839.6	865.3	886.5	904.7	920.3	933.1
50°	741.7	785.9	824.3	860.2	891.3	919.1	944.3	965.9	983.8	999.1	1011.7
47.5°	815.6	859.2	897.5	932.5	964.2	991.3	1016.0	1037.8	1055.7	1071.1	1083.7
45°	883.2	925.3	964.4	998.3	1030.0	1057.3	1081.8	1103.9	1121.1	1135.5	1147.4
42.5°	944.1	985.9	1024.5	1058.8	1090.1	1117.4	1140.4	1161.0	1177.8	1191.3	1202.5
40°	999.0	1041.6	1079.5	1114.2	1143.3	1170.1	1191.4	1210.6	1227.0	1239.8	1250.5
37.5°	1049.9	1092.1	1129.0	1162.2	1189.9	1214.9	1235.9	1254.1	1270.2	1282.1	1292.0
35°	1096.4	1136.5	1173.0	1203.4	1230.9	1254.4	1275.1	1292.0	1306.9	1318.3	1327.3
32.5°	1136.5	1176.3	1210.2	1240.1	1267.0	1288.9	1308.8	1324.2	1337.8	1348.7	1357.1
30°	1173.0	1210.2	1243.2	1272.9	1297.4	1318.7	1336.6	1351.7	1364.2	1374.6	1382.0
27.5°	1203.4	1240.1	1272.9	1300.2	1323.6	1344.2	1360.6	1375.0	1386.0	1395.6	1401.9
25°	1230.9	1267.0	1297.4	1323.6	1346.4	1365.1	1380.7	1393.8	1403.5	1411.7	1416.5
22.5°	1254.4	1288.9	1318.7	1344.2	1365.1	1382.7	1397.4	1408.5	1416.4	1421.4	1424.2
20°	1275.1	1308.8	1336.6	1360.6	1380.7	1397.4	1410.1	1418.4	1423.9	1425.3	1426.1
17.5°	1292.0	1324.2	1351.7	1375.0	1393.8	1408.5	1418.4	1424.1	1425.8	1425.5	1424.6
15°	1306.9	1337.8	1364.2	1386.0	1403.5	1416.4	1423.9	1425.8	1425.3	1423.6	1421.0
12.5°	1318.3	1348.7	1374.6	1395.6	1411.7	1421.4	1425.3	1425.5	1423.6	1420.4	1416.7
10°	1327.3	1357.1	1382.0	1401.9	1416.5	1424.2	1426.1	1424.6	1421.0	1416.7	1412.7
7.5°	1334.4	1363.8	1387.9	1407.0	1419.6	1425.0	1425.4	1422.8	1418.5	1413.6	1409.3
5°	1339.6	1368.6	1392.1	1410.7	1421.8	1425.7	1425.0	1421.4	1416.4	1411.3	1407.3
2.5°	1342.8	1371.5	1394.7	1412.9	1423.2	1426.1	1424.7	1420.5	1415.1	1409.8	1406.1
0°	1343.8	1372.5	1395.6	1413.7	1423.7	1426.2	1424.6	1420.2	1414.6	1409.3	1405.6
-2.5°	1342.8	1371.5	1394.7	1412.9	1423.2	1426.1	1424.7	1420.5	1415.1	1409.8	1406.1
-5°	1339.6	1368.6	1392.1	1410.7	1421.8	1425.7	1425.0	1421.4	1416.4	1411.3	1407.3
-7.5°	1334.4	1363.8	1387.9	1407.0	1419.6	1425.0	1425.4	1422.8	1418.5	1413.6	1409.3
-10°	1327.3	1357.1	1382.0	1401.9	1416.5	1424.2	1426.1	1424.6	1421.0	1416.7	1412.7
-12.5°	1318.3	1348.7	1374.6	1395.6	1411.7	1421.4	1425.3	1425.5	1423.6	1420.4	1416.7
-15°	1306.9	1337.8	1364.2	1386.0	1403.5	1416.4	1423.9	1425.8	1425.3	1423.6	1421.0
-17.5°	1292.0	1324.2	1351.7	1375.0	1393.8	1408.5	1418.4	1424.1	1425.8	1425.5	1424.6
-20°	1275.1	1308.8	1336.6	1360.6	1380.7	1397.4	1410.1	1418.4	1423.9	1425.3	1426.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1254.4	1288.9	1318.7	1344.2	1365.1	1382.7	1397.4	1408.5	1416.4	1421.4	1424.2
-25°	1230.9	1267.0	1297.4	1323.6	1346.4	1365.1	1380.7	1393.8	1403.5	1411.7	1416.5
-27.5°	1203.4	1240.1	1272.9	1300.2	1323.6	1344.2	1360.6	1375.0	1386.0	1395.6	1401.9
-30°	1173.0	1210.2	1243.2	1272.9	1297.4	1318.7	1336.6	1351.7	1364.2	1374.6	1382.0
-32.5°	1136.5	1176.3	1210.2	1240.1	1267.0	1288.9	1308.8	1324.2	1337.8	1348.7	1357.1
-35°	1096.4	1136.5	1173.0	1203.4	1230.9	1254.4	1275.1	1292.0	1306.9	1318.3	1327.3
-37.5°	1049.9	1092.1	1129.0	1162.2	1189.9	1214.9	1235.9	1254.1	1270.2	1282.1	1292.0
-40°	999.0	1041.6	1079.5	1114.2	1143.3	1170.1	1191.4	1210.6	1227.0	1239.8	1250.5
-42.5°	944.1	985.9	1024.5	1058.8	1090.1	1117.4	1140.4	1161.0	1177.8	1191.3	1202.5
-45°	883.2	925.3	964.4	998.3	1030.0	1057.3	1081.8	1103.9	1121.1	1135.5	1147.4
-47.5°	815.6	859.2	897.5	932.5	964.2	991.3	1016.0	1037.8	1055.7	1071.1	1083.7
-50°	741.7	785.9	824.3	860.2	891.3	919.1	944.3	965.9	983.8	999.1	1011.7
-52.5°	660.7	703.5	743.6	780.3	811.2	839.6	865.3	886.5	904.7	920.3	933.1
-55°	574.9	616.1	654.9	690.0	722.1	751.6	777.7	798.8	817.3	833.1	846.1
-57.5°	490.0	526.7	561.6	594.9	625.7	653.9	678.8	700.6	719.6	735.9	749.3
-60°	409.8	438.8	470.0	499.5	526.7	551.7	574.9	595.7	613.8	629.2	641.9
-62.5°	338.0	362.0	386.8	409.8	431.1	452.1	472.5	490.7	506.5	520.1	531.2
-65°	280.3	298.6	315.9	331.9	346.9	364.4	380.2	394.3	406.6	417.0	425.6
-67.5°	230.4	244.1	257.0	269.0	281.4	293.5	304.3	314.0	322.5	329.6	335.5
-70°	187.8	197.4	206.4	215.5	225.3	234.1	242.1	249.2	255.4	260.7	265.1
-72.5°	152.3	158.7	165.0	172.3	179.0	185.1	190.6	195.4	199.7	203.3	206.3
-75°	123.0	128.0	133.1	137.8	142.1	146.0	149.6	152.8	155.5	157.8	159.8
-77.5°	96.7	100.6	104.3	107.8	111.0	113.9	116.5	118.8	120.8	122.5	123.9
-80°	69.1	72.4	75.5	78.4	81.0	83.5	85.6	87.5	89.2	90.6	91.8
-82.5°	43.1	45.3	47.4	49.4	51.2	52.8	54.3	55.6	56.7	57.7	58.5
-85°	21.3	22.3	23.3	24.2	25.0	25.8	26.4	27.0	27.6	28.0	28.4
-87.5°	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	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: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-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°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.4
85°	28.6	28.8	29.0	29.0	29.0	28.8	28.6	28.4	28.0	27.6	27.0
82.5°	59.1	59.5	59.8	59.9	59.8	59.5	59.1	58.5	57.7	56.7	55.6
80°	92.7	93.4	93.8	93.9	93.8	93.4	92.7	91.8	90.6	89.2	87.5
77.5°	125.0	125.8	126.2	126.4	126.2	125.8	125.0	123.9	122.5	120.8	118.8
75°	161.3	162.3	163.0	163.2	163.0	162.3	161.3	159.8	157.8	155.5	152.8
72.5°	208.6	210.3	211.3	211.6	211.3	210.3	208.6	206.3	203.3	199.7	195.4
70°	268.4	270.9	272.3	272.8	272.3	270.9	268.4	265.1	260.7	255.4	249.2
67.5°	340.2	343.5	345.4	346.1	345.4	343.5	340.2	335.5	329.6	322.5	314.0
65°	432.3	437.1	440.0	441.0	440.0	437.1	432.3	425.6	417.0	406.6	394.3
62.5°	539.9	546.1	549.8	551.1	549.8	546.1	539.9	531.2	520.1	506.5	490.7
60°	651.9	659.0	663.3	664.7	663.3	659.0	651.9	641.9	629.2	613.8	595.7
57.5°	759.8	767.3	771.8	773.3	771.8	767.3	759.8	749.3	735.9	719.6	700.6
55°	856.2	863.5	867.9	869.4	867.9	863.5	856.2	846.1	833.1	817.3	798.8
52.5°	943.2	950.4	954.7	956.2	954.7	950.4	943.2	933.1	920.3	904.7	886.5
50°	1021.7	1028.8	1033.1	1034.5	1033.1	1028.8	1021.7	1011.7	999.1	983.8	965.9
47.5°	1093.7	1100.8	1105.2	1106.6	1105.2	1100.8	1093.7	1083.7	1071.1	1055.7	1037.8
45°	1156.8	1163.6	1167.6	1169.0	1167.6	1163.6	1156.8	1147.4	1135.5	1121.1	1103.9
42.5°	1211.3	1217.6	1221.4	1222.7	1221.4	1217.6	1211.3	1202.5	1191.3	1177.8	1161.0
40°	1258.9	1264.9	1268.6	1269.8	1268.6	1264.9	1258.9	1250.5	1239.8	1227.0	1210.6
37.5°	1299.9	1305.5	1309.0	1310.1	1309.0	1305.5	1299.9	1292.0	1282.1	1270.2	1254.1
35°	1334.4	1339.6	1342.8	1343.8	1342.8	1339.6	1334.4	1327.3	1318.3	1306.9	1292.0
32.5°	1363.8	1368.6	1371.5	1372.5	1371.5	1368.6	1363.8	1357.1	1348.7	1337.8	1324.2
30°	1387.9	1392.1	1394.7	1395.6	1394.7	1392.1	1387.9	1382.0	1374.6	1364.2	1351.7
27.5°	1407.0	1410.7	1412.9	1413.7	1412.9	1410.7	1407.0	1401.9	1395.6	1386.0	1375.0
25°	1419.6	1421.8	1423.2	1423.7	1423.2	1421.8	1419.6	1416.5	1411.7	1403.5	1393.8
22.5°	1425.0	1425.7	1426.1	1426.2	1426.1	1425.7	1425.0	1424.2	1421.4	1416.4	1408.5
20°	1425.4	1425.0	1424.7	1424.6	1424.7	1425.0	1425.4	1426.1	1425.3	1423.9	1418.4
17.5°	1422.8	1421.4	1420.5	1420.2	1420.5	1421.4	1422.8	1424.6	1425.5	1425.8	1424.1
15°	1418.5	1416.4	1415.1	1414.6	1415.1	1416.4	1418.5	1421.0	1423.6	1425.3	1425.8
12.5°	1413.6	1411.3	1409.8	1409.3	1409.8	1411.3	1413.6	1416.7	1420.4	1423.6	1425.5
10°	1409.3	1407.3	1406.1	1405.6	1406.1	1407.3	1409.3	1412.7	1416.7	1421.0	1424.6
7.5°	1406.5	1404.7	1403.8	1403.4	1403.8	1404.7	1406.5	1409.3	1413.6	1418.5	1422.8
5°	1404.7	1403.0	1401.5	1400.9	1401.5	1403.0	1404.7	1407.3	1411.3	1416.4	1421.4
2.5°	1403.8	1401.5	1399.3	1398.1	1399.3	1401.5	1403.8	1406.1	1409.8	1415.1	1420.5
0°	1403.4	1400.9	1398.1	1398.4	1398.1	1400.9	1403.4	1405.6	1409.3	1414.6	1420.2
-2.5°	1403.8	1401.5	1399.3	1398.1	1399.3	1401.5	1403.8	1406.1	1409.8	1415.1	1420.5
-5°	1404.7	1403.0	1401.5	1400.9	1401.5	1403.0	1404.7	1407.3	1411.3	1416.4	1421.4
-7.5°	1406.5	1404.7	1403.8	1403.4	1403.8	1404.7	1406.5	1409.3	1413.6	1418.5	1422.8
-10°	1409.3	1407.3	1406.1	1405.6	1406.1	1407.3	1409.3	1412.7	1416.7	1421.0	1424.6
-12.5°	1413.6	1411.3	1409.8	1409.3	1409.8	1411.3	1413.6	1416.7	1420.4	1423.6	1425.5
-15°	1418.5	1416.4	1415.1	1414.6	1415.1	1416.4	1418.5	1421.0	1423.6	1425.3	1425.8
-17.5°	1422.8	1421.4	1420.5	1420.2	1420.5	1421.4	1422.8	1424.6	1425.5	1425.8	1424.1
-20°	1425.4	1425.0	1424.7	1424.6	1424.7	1425.0	1425.4	1426.1	1425.3	1423.9	1418.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1425.0	1425.7	1426.1	1426.2	1426.1	1425.7	1425.0	1424.2	1421.4	1416.4	1408.5
-25°	1419.6	1421.8	1423.2	1423.7	1423.2	1421.8	1419.6	1416.5	1411.7	1403.5	1393.8
-27.5°	1407.0	1410.7	1412.9	1413.7	1412.9	1410.7	1407.0	1401.9	1395.6	1386.0	1375.0
-30°	1387.9	1392.1	1394.7	1395.6	1394.7	1392.1	1387.9	1382.0	1374.6	1364.2	1351.7
-32.5°	1363.8	1368.6	1371.5	1372.5	1371.5	1368.6	1363.8	1357.1	1348.7	1337.8	1324.2
-35°	1334.4	1339.6	1342.8	1343.8	1342.8	1339.6	1334.4	1327.3	1318.3	1306.9	1292.0
-37.5°	1299.9	1305.5	1309.0	1310.1	1309.0	1305.5	1299.9	1292.0	1282.1	1270.2	1254.1
-40°	1258.9	1264.9	1268.6	1269.8	1268.6	1264.9	1258.9	1250.5	1239.8	1227.0	1210.6
-42.5°	1211.3	1217.6	1221.4	1222.7	1221.4	1217.6	1211.3	1202.5	1191.3	1177.8	1161.0
-45°	1156.8	1163.6	1167.6	1169.0	1167.6	1163.6	1156.8	1147.4	1135.5	1121.1	1103.9
-47.5°	1093.7	1100.8	1105.2	1106.6	1105.2	1100.8	1093.7	1083.7	1071.1	1055.7	1037.8
-50°	1021.7	1028.8	1033.1	1034.5	1033.1	1028.8	1021.7	1011.7	999.1	983.8	965.9
-52.5°	943.2	950.4	954.7	956.2	954.7	950.4	943.2	933.1	920.3	904.7	886.5
-55°	856.2	863.5	867.9	869.4	867.9	863.5	856.2	846.1	833.1	817.3	798.8
-57.5°	759.8	767.3	771.8	773.3	771.8	767.3	759.8	749.3	735.9	719.6	700.6
-60°	651.9	659.0	663.3	664.7	663.3	659.0	651.9	641.9	629.2	613.8	595.7
-62.5°	539.9	546.1	549.8	551.1	549.8	546.1	539.9	531.2	520.1	506.5	490.7
-65°	432.3	437.1	440.0	441.0	440.0	437.1	432.3	425.6	417.0	406.6	394.3
-67.5°	340.2	343.5	345.4	346.1	345.4	343.5	340.2	335.5	329.6	322.5	314.0
-70°	268.4	270.9	272.3	272.8	272.3	270.9	268.4	265.1	260.7	255.4	249.2
-72.5°	208.6	210.3	211.3	211.6	211.3	210.3	208.6	206.3	203.3	199.7	195.4
-75°	161.3	162.3	163.0	163.2	163.0	162.3	161.3	159.8	157.8	155.5	152.8
-77.5°	125.0	125.8	126.2	126.4	126.2	125.8	125.0	123.9	122.5	120.8	118.8
-80°	92.7	93.4	93.8	93.9	93.8	93.4	92.7	91.8	90.6	89.2	87.5
-82.5°	59.1	59.5	59.8	59.9	59.8	59.5	59.1	58.5	57.7	56.7	55.6
-85°	28.6	28.8	29.0	29.0	29.0	28.8	28.6	28.4	28.0	27.6	27.0
-87.5°	7.7	7.8	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.5	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-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°	7.3	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.7	5.5
85°	26.4	25.8	25.0	24.2	23.3	22.3	21.3	20.2	19.1	17.8	16.6
82.5°	54.3	52.8	51.2	49.4	47.4	45.3	43.1	40.7	38.1	35.5	32.7
80°	85.6	83.5	81.0	78.4	75.5	72.4	69.1	65.6	61.9	58.1	54.4
77.5°	116.5	113.9	111.0	107.8	104.3	100.6	96.7	92.4	87.7	82.8	77.6
75°	149.6	146.0	142.1	137.8	133.1	128.0	123.0	117.9	112.6	106.9	101.0
72.5°	190.6	185.1	179.0	172.3	165.0	158.7	152.3	145.6	138.4	131.0	123.5
70°	242.1	234.1	225.3	215.5	206.4	197.4	187.8	177.6	166.9	157.4	148.4
67.5°	304.3	293.5	281.4	269.0	257.0	244.1	230.4	215.9	202.8	190.1	176.7
65°	380.2	364.4	346.9	331.9	315.9	298.6	280.3	262.8	245.6	227.6	209.4
62.5°	472.5	452.1	431.1	409.8	386.8	362.0	338.0	316.5	293.8	270.4	249.7
60°	574.9	551.7	526.7	499.5	470.0	438.8	409.8	379.1	346.9	320.6	293.5
57.5°	678.8	653.9	625.7	594.9	561.6	526.7	490.0	451.2	414.6	377.9	341.1
55°	777.7	751.6	722.1	690.0	654.9	616.1	574.9	532.1	487.9	441.7	400.3
52.5°	865.3	839.6	811.2	780.3	743.6	703.5	660.7	613.8	564.6	514.5	462.9
50°	944.3	919.1	891.3	860.2	824.3	785.9	741.7	693.4	641.9	586.9	530.6
47.5°	1016.0	991.3	964.2	932.5	897.5	859.2	815.6	769.4	715.4	659.0	598.2
45°	1081.8	1057.3	1030.0	998.3	964.4	925.3	883.2	835.7	784.7	726.5	664.7
42.5°	1140.4	1117.4	1090.1	1058.8	1024.5	985.9	944.1	897.1	845.9	789.7	726.5
40°	1191.4	1170.1	1143.3	1114.2	1079.5	1041.6	999.0	953.6	901.8	845.9	784.7
37.5°	1235.9	1214.9	1189.9	1162.2	1129.0	1092.1	1049.9	1003.4	953.6	897.1	835.7
35°	1275.1	1254.4	1230.9	1203.4	1173.0	1136.5	1096.4	1049.9	999.0	944.1	883.2
32.5°	1308.8	1288.9	1267.0	1240.1	1210.2	1176.3	1136.5	1092.1	1041.6	985.9	925.3
30°	1336.6	1318.7	1297.4	1272.9	1243.2	1210.2	1173.0	1129.0	1079.5	1024.5	964.4
27.5°	1360.6	1344.2	1323.6	1300.2	1272.9	1240.1	1203.4	1162.2	1114.2	1058.8	998.3
25°	1380.7	1365.1	1346.4	1323.6	1297.4	1267.0	1230.9	1189.9	1143.3	1090.1	1030.0
22.5°	1397.4	1382.7	1365.1	1344.2	1318.7	1288.9	1254.4	1214.9	1170.1	1117.4	1057.3
20°	1410.1	1397.4	1380.7	1360.6	1336.6	1308.8	1275.1	1235.9	1191.4	1140.4	1081.8
17.5°	1418.4	1408.5	1393.8	1375.0	1351.7	1324.2	1292.0	1254.1	1210.6	1161.0	1103.9
15°	1423.9	1416.4	1403.5	1386.0	1364.2	1337.8	1306.9	1270.2	1227.0	1177.8	1121.1
12.5°	1425.3	1421.4	1411.7	1395.6	1374.6	1348.7	1318.3	1282.1	1239.8	1191.3	1135.5
10°	1426.1	1424.2	1416.5	1401.9	1382.0	1357.1	1327.3	1292.0	1250.5	1202.5	1147.4
7.5°	1425.4	1425.0	1419.6	1407.0	1387.9	1363.8	1334.4	1299.9	1258.9	1211.3	1156.8
5°	1425.0	1425.7	1421.8	1410.7	1392.1	1368.6	1339.6	1305.5	1264.9	1217.6	1163.6
2.5°	1424.7	1426.1	1423.2	1412.9	1394.7	1371.5	1342.8	1309.0	1268.6	1221.4	1167.6
0°	1424.6	1426.2	1423.7	1413.7	1395.6	1372.5	1343.8	1310.1	1269.8	1222.7	1169.0
-2.5°	1424.7	1426.1	1423.2	1412.9	1394.7	1371.5	1342.8	1309.0	1268.6	1221.4	1167.6
-5°	1425.0	1425.7	1421.8	1410.7	1392.1	1368.6	1339.6	1305.5	1264.9	1217.6	1163.6
-7.5°	1425.4	1425.0	1419.6	1407.0	1387.9	1363.8	1334.4	1299.9	1258.9	1211.3	1156.8
-10°	1426.1	1424.2	1416.5	1401.9	1382.0	1357.1	1327.3	1292.0	1250.5	1202.5	1147.4
-12.5°	1425.3	1421.4	1411.7	1395.6	1374.6	1348.7	1318.3	1282.1	1239.8	1191.3	1135.5
-15°	1423.9	1416.4	1403.5	1386.0	1364.2	1337.8	1306.9	1270.2	1227.0	1177.8	1121.1
-17.5°	1418.4	1408.5	1393.8	1375.0	1351.7	1324.2	1292.0	1254.1	1210.6	1161.0	1103.9
-20°	1410.1	1397.4	1380.7	1360.6	1336.6	1308.8	1275.1	1235.9	1191.4	1140.4	1081.8



REPORT NUMBER: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1397.4	1382.7	1365.1	1344.2	1318.7	1288.9	1254.4	1214.9	1170.1	1117.4	1057.3
-25°	1380.7	1365.1	1346.4	1323.6	1297.4	1267.0	1230.9	1189.9	1143.3	1090.1	1030.0
-27.5°	1360.6	1344.2	1323.6	1300.2	1272.9	1240.1	1203.4	1162.2	1114.2	1058.8	998.3
-30°	1336.6	1318.7	1297.4	1272.9	1243.2	1210.2	1173.0	1129.0	1079.5	1024.5	964.4
-32.5°	1308.8	1288.9	1267.0	1240.1	1210.2	1176.3	1136.5	1092.1	1041.6	985.9	925.3
-35°	1275.1	1254.4	1230.9	1203.4	1173.0	1136.5	1096.4	1049.9	999.0	944.1	883.2
-37.5°	1235.9	1214.9	1189.9	1162.2	1129.0	1092.1	1049.9	1003.4	953.6	897.1	835.7
-40°	1191.4	1170.1	1143.3	1114.2	1079.5	1041.6	999.0	953.6	901.8	845.9	784.7
-42.5°	1140.4	1117.4	1090.1	1058.8	1024.5	985.9	944.1	897.1	845.9	789.7	726.5
-45°	1081.8	1057.3	1030.0	998.3	964.4	925.3	883.2	835.7	784.7	726.5	664.7
-47.5°	1016.0	991.3	964.2	932.5	897.5	859.2	815.6	769.4	715.4	659.0	598.2
-50°	944.3	919.1	891.3	860.2	824.3	785.9	741.7	693.4	641.9	586.9	530.6
-52.5°	865.3	839.6	811.2	780.3	743.6	703.5	660.7	613.8	564.6	514.5	462.9
-55°	777.7	751.6	722.1	690.0	654.9	616.1	574.9	532.1	487.9	441.7	400.3
-57.5°	678.8	653.9	625.7	594.9	561.6	526.7	490.0	451.2	414.6	377.9	341.1
-60°	574.9	551.7	526.7	499.5	470.0	438.8	409.8	379.1	346.9	320.6	293.5
-62.5°	472.5	452.1	431.1	409.8	386.8	362.0	338.0	316.5	293.8	270.4	249.7
-65°	380.2	364.4	346.9	331.9	315.9	298.6	280.3	262.8	245.6	227.6	209.4
-67.5°	304.3	293.5	281.4	269.0	257.0	244.1	230.4	215.9	202.8	190.1	176.7
-70°	242.1	234.1	225.3	215.5	206.4	197.4	187.8	177.6	166.9	157.4	148.4
-72.5°	190.6	185.1	179.0	172.3	165.0	158.7	152.3	145.6	138.4	131.0	123.5
-75°	149.6	146.0	142.1	137.8	133.1	128.0	123.0	117.9	112.6	106.9	101.0
-77.5°	116.5	113.9	111.0	107.8	104.3	100.6	96.7	92.4	87.7	82.8	77.6
-80°	85.6	83.5	81.0	78.4	75.5	72.4	69.1	65.6	61.9	58.1	54.4
-82.5°	54.3	52.8	51.2	49.4	47.4	45.3	43.1	40.7	38.1	35.5	32.7
-85°	26.4	25.8	25.0	24.2	23.3	22.3	21.3	20.2	19.1	17.8	16.6
-87.5°	7.3	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.7	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-U-LAM-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°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
85°	15.2	13.8	12.4	10.9	9.4	7.8	7.2	6.6	6.0	5.3	4.7
82.5°	29.7	27.4	25.2	23.0	20.7	18.3	15.9	13.4	10.9	8.3	7.0
80°	50.5	46.4	42.2	37.9	33.4	28.8	25.6	22.3	18.9	15.5	12.0
77.5°	72.3	66.7	60.9	55.3	49.7	44.0	38.1	32.1	26.9	22.6	18.2
75°	94.8	88.1	81.2	74.0	66.6	59.1	52.0	44.8	37.5	30.0	24.5
72.5°	116.3	108.8	101.0	93.0	84.4	75.5	66.4	57.4	48.9	40.2	31.3
70°	139.1	129.3	120.1	111.0	101.6	91.8	81.5	70.9	60.2	50.2	40.2
67.5°	163.0	152.0	140.7	129.0	118.2	107.3	96.2	84.5	72.4	60.2	48.9
65°	194.0	178.0	161.9	148.9	135.6	122.5	110.2	97.7	84.5	70.9	57.4
62.5°	228.2	207.1	188.9	170.1	153.9	138.9	123.9	110.2	96.2	81.5	66.4
60°	266.5	242.1	217.0	195.4	174.5	155.5	138.9	122.5	107.3	91.8	75.5
57.5°	310.5	278.8	250.6	222.6	197.7	174.5	153.9	135.6	118.2	101.6	84.4
55°	357.5	320.7	285.6	253.4	222.6	195.4	170.1	148.9	129.0	111.0	93.0
52.5°	413.9	366.4	324.2	285.6	250.6	217.0	188.9	161.9	140.7	120.1	101.0
50°	473.5	418.4	366.4	320.7	278.8	242.1	207.1	178.0	152.0	129.3	108.8
47.5°	536.0	473.5	413.9	357.5	310.5	266.5	228.2	194.0	163.0	139.1	116.3
45°	598.2	530.6	462.9	400.3	341.1	293.5	249.7	209.4	176.7	148.4	123.5
42.5°	659.0	586.9	514.5	441.7	377.9	320.6	270.4	227.6	190.1	157.4	131.0
40°	715.4	641.9	564.6	487.9	414.6	346.9	293.8	245.6	202.8	166.9	138.4
37.5°	769.4	693.4	613.8	532.1	451.2	379.1	316.5	262.8	215.9	177.6	145.6
35°	815.6	741.7	660.7	574.9	490.0	409.8	338.0	280.3	230.4	187.8	152.3
32.5°	859.2	785.9	703.5	616.1	526.7	438.8	362.0	298.6	244.1	197.4	158.7
30°	897.5	824.3	743.6	654.9	561.6	470.0	386.8	315.9	257.0	206.4	165.0
27.5°	932.5	860.2	780.3	690.0	594.9	499.5	409.8	331.9	269.0	215.5	172.3
25°	964.2	891.3	811.2	722.1	625.7	526.7	431.1	346.9	281.4	225.3	179.0
22.5°	991.3	919.1	839.6	751.6	653.9	551.7	452.1	364.4	293.5	234.1	185.1
20°	1016.0	944.3	865.3	777.7	678.8	574.9	472.5	380.2	304.3	242.1	190.6
17.5°	1037.8	965.9	886.5	798.8	700.6	595.7	490.7	394.3	314.0	249.2	195.4
15°	1055.7	983.8	904.7	817.3	719.6	613.8	506.5	406.6	322.5	255.4	199.7
12.5°	1071.1	999.1	920.3	833.1	735.9	629.2	520.1	417.0	329.6	260.7	203.3
10°	1083.7	1011.7	933.1	846.1	749.3	641.9	531.2	425.6	335.5	265.1	206.3
7.5°	1093.7	1021.7	943.2	856.2	759.8	651.9	539.9	432.3	340.2	268.4	208.6
5°	1100.8	1028.8	950.4	863.5	767.3	659.0	546.1	437.1	343.5	270.9	210.3
2.5°	1105.2	1033.1	954.7	867.9	771.8	663.3	549.8	440.0	345.4	272.3	211.3
0°	1106.6	1034.5	956.2	869.4	773.3	664.7	551.1	441.0	346.1	272.8	211.6
-2.5°	1105.2	1033.1	954.7	867.9	771.8	663.3	549.8	440.0	345.4	272.3	211.3
-5°	1100.8	1028.8	950.4	863.5	767.3	659.0	546.1	437.1	343.5	270.9	210.3
-7.5°	1093.7	1021.7	943.2	856.2	759.8	651.9	539.9	432.3	340.2	268.4	208.6
-10°	1083.7	1011.7	933.1	846.1	749.3	641.9	531.2	425.6	335.5	265.1	206.3
-12.5°	1071.1	999.1	920.3	833.1	735.9	629.2	520.1	417.0	329.6	260.7	203.3
-15°	1055.7	983.8	904.7	817.3	719.6	613.8	506.5	406.6	322.5	255.4	199.7
-17.5°	1037.8	965.9	886.5	798.8	700.6	595.7	490.7	394.3	314.0	249.2	195.4
-20°	1016.0	944.3	865.3	777.7	678.8	574.9	472.5	380.2	304.3	242.1	190.6



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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°	991.3	919.1	839.6	751.6	653.9	551.7	452.1	364.4	293.5	234.1	185.1
-25°	964.2	891.3	811.2	722.1	625.7	526.7	431.1	346.9	281.4	225.3	179.0
-27.5°	932.5	860.2	780.3	690.0	594.9	499.5	409.8	331.9	269.0	215.5	172.3
-30°	897.5	824.3	743.6	654.9	561.6	470.0	386.8	315.9	257.0	206.4	165.0
-32.5°	859.2	785.9	703.5	616.1	526.7	438.8	362.0	298.6	244.1	197.4	158.7
-35°	815.6	741.7	660.7	574.9	490.0	409.8	338.0	280.3	230.4	187.8	152.3
-37.5°	769.4	693.4	613.8	532.1	451.2	379.1	316.5	262.8	215.9	177.6	145.6
-40°	715.4	641.9	564.6	487.9	414.6	346.9	293.8	245.6	202.8	166.9	138.4
-42.5°	659.0	586.9	514.5	441.7	377.9	320.6	270.4	227.6	190.1	157.4	131.0
-45°	598.2	530.6	462.9	400.3	341.1	293.5	249.7	209.4	176.7	148.4	123.5
-47.5°	536.0	473.5	413.9	357.5	310.5	266.5	228.2	194.0	163.0	139.1	116.3
-50°	473.5	418.4	366.4	320.7	278.8	242.1	207.1	178.0	152.0	129.3	108.8
-52.5°	413.9	366.4	324.2	285.6	250.6	217.0	188.9	161.9	140.7	120.1	101.0
-55°	357.5	320.7	285.6	253.4	222.6	195.4	170.1	148.9	129.0	111.0	93.0
-57.5°	310.5	278.8	250.6	222.6	197.7	174.5	153.9	135.6	118.2	101.6	84.4
-60°	266.5	242.1	217.0	195.4	174.5	155.5	138.9	122.5	107.3	91.8	75.5
-62.5°	228.2	207.1	188.9	170.1	153.9	138.9	123.9	110.2	96.2	81.5	66.4
-65°	194.0	178.0	161.9	148.9	135.6	122.5	110.2	97.7	84.5	70.9	57.4
-67.5°	163.0	152.0	140.7	129.0	118.2	107.3	96.2	84.5	72.4	60.2	48.9
-70°	139.1	129.3	120.1	111.0	101.6	91.8	81.5	70.9	60.2	50.2	40.2
-72.5°	116.3	108.8	101.0	93.0	84.4	75.5	66.4	57.4	48.9	40.2	31.3
-75°	94.8	88.1	81.2	74.0	66.6	59.1	52.0	44.8	37.5	30.0	24.5
-77.5°	72.3	66.7	60.9	55.3	49.7	44.0	38.1	32.1	26.9	22.6	18.2
-80°	50.5	46.4	42.2	37.9	33.4	28.8	25.6	22.3	18.9	15.5	12.0
-82.5°	29.7	27.4	25.2	23.0	20.7	18.3	15.9	13.4	10.9	8.3	7.0
-85°	15.2	13.8	12.4	10.9	9.4	7.8	7.2	6.6	6.0	5.3	4.7
-87.5°	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.3
-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°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
85°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
82.5°	6.0	5.1	4.1	3.0	2.0	1.0	0.0
80°	8.4	6.7	5.4	4.1	2.7	1.4	0.0
77.5°	13.8	9.4	6.7	5.1	3.4	1.7	0.0
75°	19.2	13.8	8.4	6.0	4.0	2.0	0.0
72.5°	24.5	18.2	12.0	7.0	4.7	2.3	0.0
70°	30.0	22.6	15.5	8.3	5.3	2.7	0.0
67.5°	37.5	26.9	18.9	10.9	6.0	3.0	0.0
65°	44.8	32.1	22.3	13.4	6.6	3.3	0.0
62.5°	52.0	38.1	25.6	15.9	7.2	3.6	0.0
60°	59.1	44.0	28.8	18.3	7.8	3.9	0.0
57.5°	66.6	49.7	33.4	20.7	9.4	4.2	0.0
55°	74.0	55.3	37.9	23.0	10.9	4.5	0.0
52.5°	81.2	60.9	42.2	25.2	12.4	4.7	0.0
50°	88.1	66.7	46.4	27.4	13.8	5.0	0.0
47.5°	94.8	72.3	50.5	29.7	15.2	5.3	0.0
45°	101.0	77.6	54.4	32.7	16.6	5.5	0.0
42.5°	106.9	82.8	58.1	35.5	17.8	5.7	0.0
40°	112.6	87.7	61.9	38.1	19.1	6.0	0.0
37.5°	117.9	92.4	65.6	40.7	20.2	6.2	0.0
35°	123.0	96.7	69.1	43.1	21.3	6.4	0.0
32.5°	128.0	100.6	72.4	45.3	22.3	6.6	0.0
30°	133.1	104.3	75.5	47.4	23.3	6.8	0.0
27.5°	137.8	107.8	78.4	49.4	24.2	6.9	0.0
25°	142.1	111.0	81.0	51.2	25.0	7.1	0.0
22.5°	146.0	113.9	83.5	52.8	25.8	7.2	0.0
20°	149.6	116.5	85.6	54.3	26.4	7.3	0.0
17.5°	152.8	118.8	87.5	55.6	27.0	7.4	0.0
15°	155.5	120.8	89.2	56.7	27.6	7.5	0.0
12.5°	157.8	122.5	90.6	57.7	28.0	7.6	0.0
10°	159.8	123.9	91.8	58.5	28.4	7.7	0.0
7.5°	161.3	125.0	92.7	59.1	28.6	7.7	0.0
5°	162.3	125.8	93.4	59.5	28.8	7.8	0.0
2.5°	163.0	126.2	93.8	59.8	29.0	7.8	0.0
0°	163.2	126.4	93.9	59.9	29.0	7.8	0.0
-2.5°	163.0	126.2	93.8	59.8	29.0	7.8	0.0
-5°	162.3	125.8	93.4	59.5	28.8	7.8	0.0
-7.5°	161.3	125.0	92.7	59.1	28.6	7.7	0.0
-10°	159.8	123.9	91.8	58.5	28.4	7.7	0.0
-12.5°	157.8	122.5	90.6	57.7	28.0	7.6	0.0
-15°	155.5	120.8	89.2	56.7	27.6	7.5	0.0
-17.5°	152.8	118.8	87.5	55.6	27.0	7.4	0.0
-20°	149.6	116.5	85.6	54.3	26.4	7.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.0	113.9	83.5	52.8	25.8	7.2	0.0
-25°	142.1	111.0	81.0	51.2	25.0	7.1	0.0
-27.5°	137.8	107.8	78.4	49.4	24.2	6.9	0.0
-30°	133.1	104.3	75.5	47.4	23.3	6.8	0.0
-32.5°	128.0	100.6	72.4	45.3	22.3	6.6	0.0
-35°	123.0	96.7	69.1	43.1	21.3	6.4	0.0
-37.5°	117.9	92.4	65.6	40.7	20.2	6.2	0.0
-40°	112.6	87.7	61.9	38.1	19.1	6.0	0.0
-42.5°	106.9	82.8	58.1	35.5	17.8	5.7	0.0
-45°	101.0	77.6	54.4	32.7	16.6	5.5	0.0
-47.5°	94.8	72.3	50.5	29.7	15.2	5.3	0.0
-50°	88.1	66.7	46.4	27.4	13.8	5.0	0.0
-52.5°	81.2	60.9	42.2	25.2	12.4	4.7	0.0
-55°	74.0	55.3	37.9	23.0	10.9	4.5	0.0
-57.5°	66.6	49.7	33.4	20.7	9.4	4.2	0.0
-60°	59.1	44.0	28.8	18.3	7.8	3.9	0.0
-62.5°	52.0	38.1	25.6	15.9	7.2	3.6	0.0
-65°	44.8	32.1	22.3	13.4	6.6	3.3	0.0
-67.5°	37.5	26.9	18.9	10.9	6.0	3.0	0.0
-70°	30.0	22.6	15.5	8.3	5.3	2.7	0.0
-72.5°	24.5	18.2	12.0	7.0	4.7	2.3	0.0
-75°	19.2	13.8	8.4	6.0	4.0	2.0	0.0
-77.5°	13.8	9.4	6.7	5.1	3.4	1.7	0.0
-80°	8.4	6.7	5.4	4.1	2.7	1.4	0.0
-82.5°	6.0	5.1	4.1	3.0	2.0	1.0	0.0
-85°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-87.5°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)