

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: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645316 (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-740-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

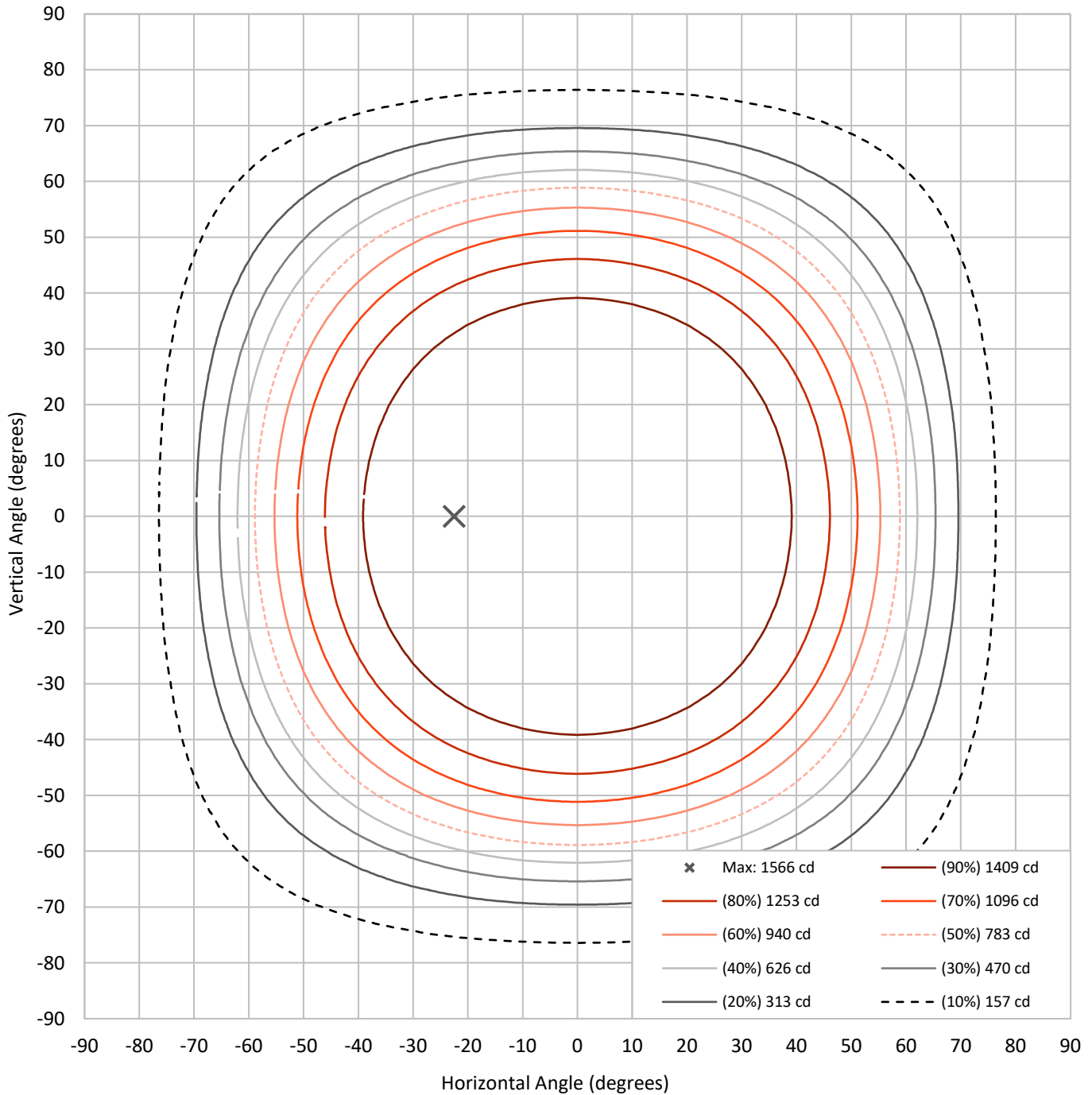
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4790.5 lumens	Max Intensity:	1566 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	143.0 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:	3986.7 lumens	Field Lumens:	4696.3 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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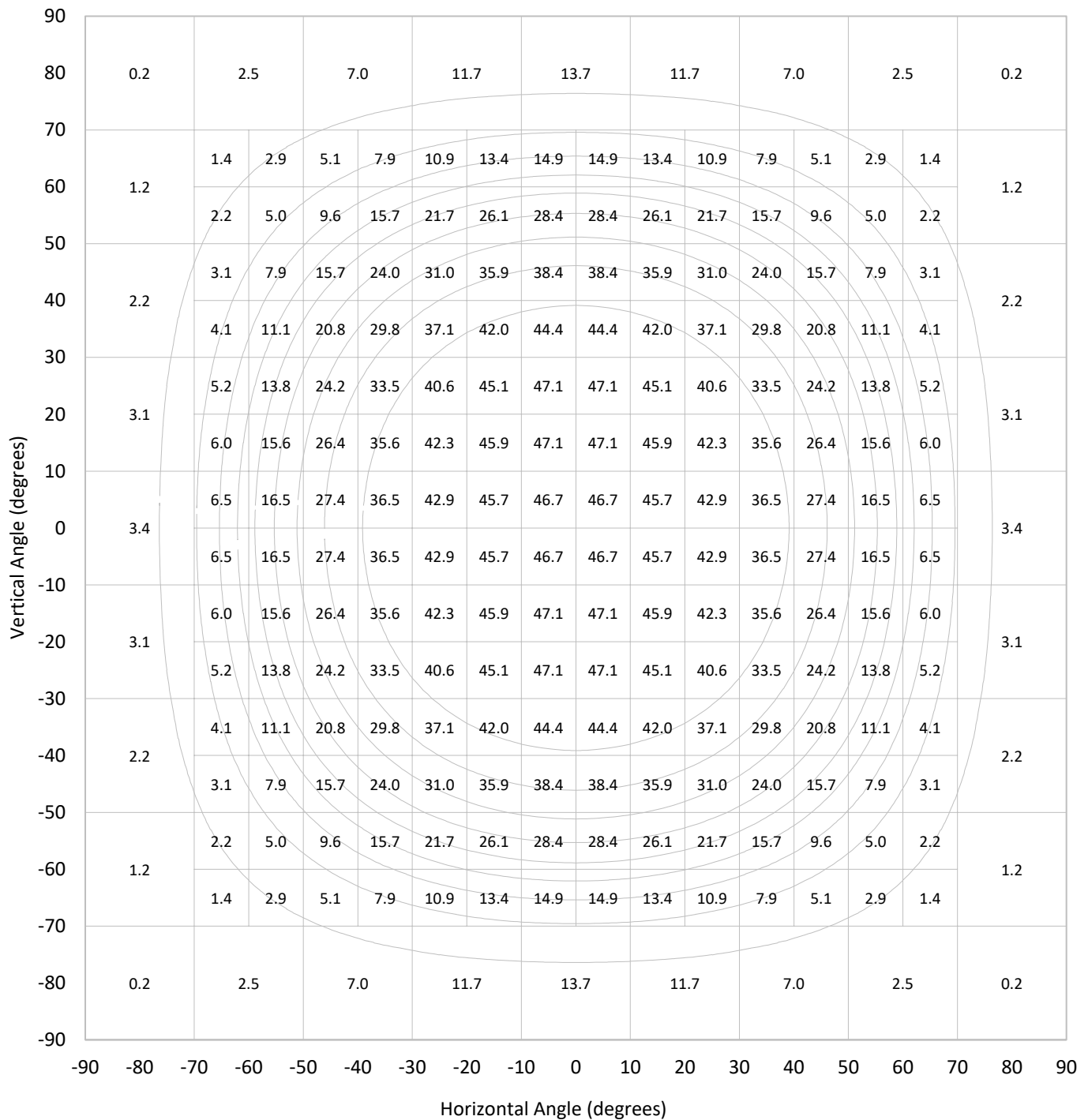
Iso-Candela Plot





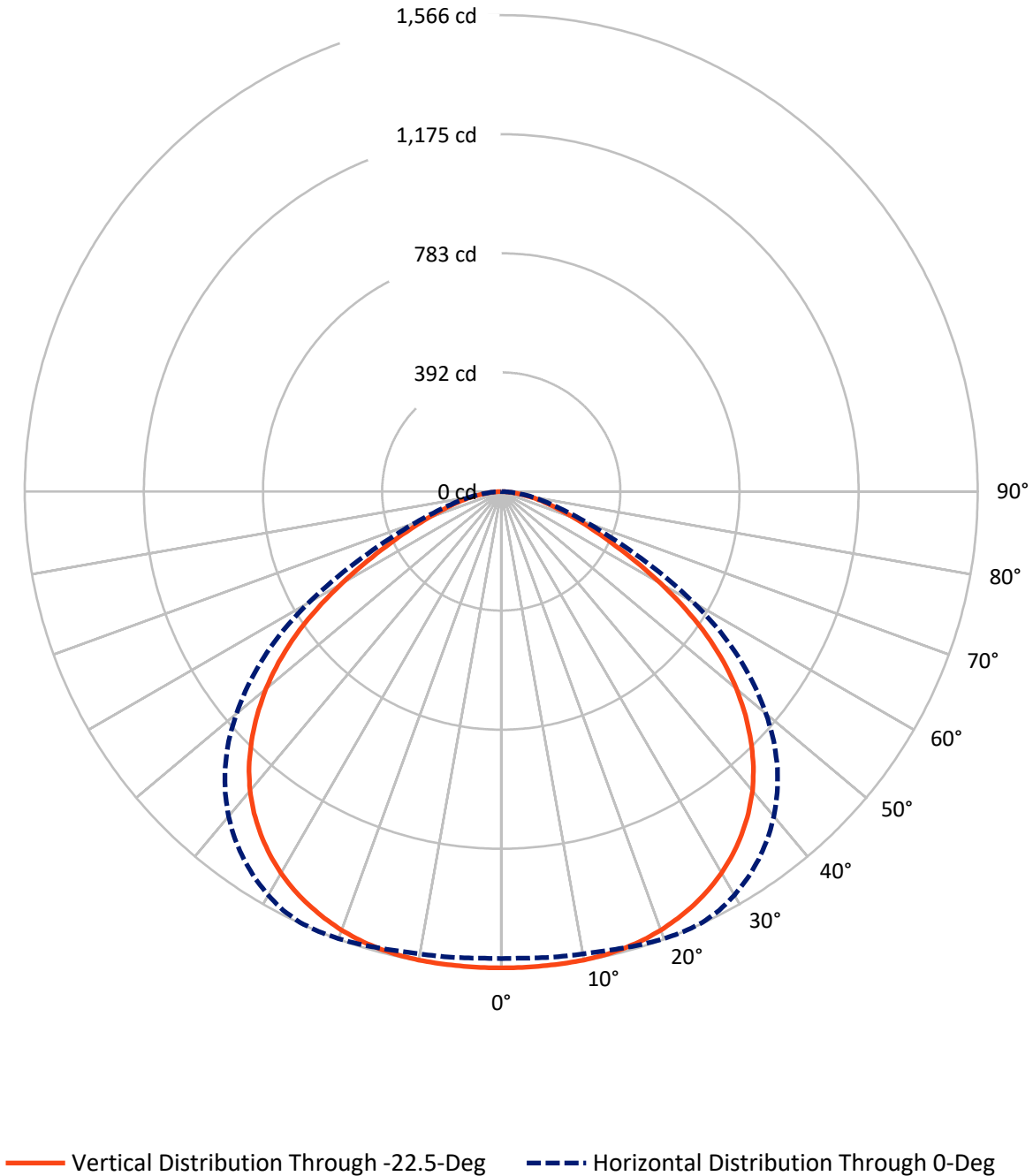
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Lumen Table



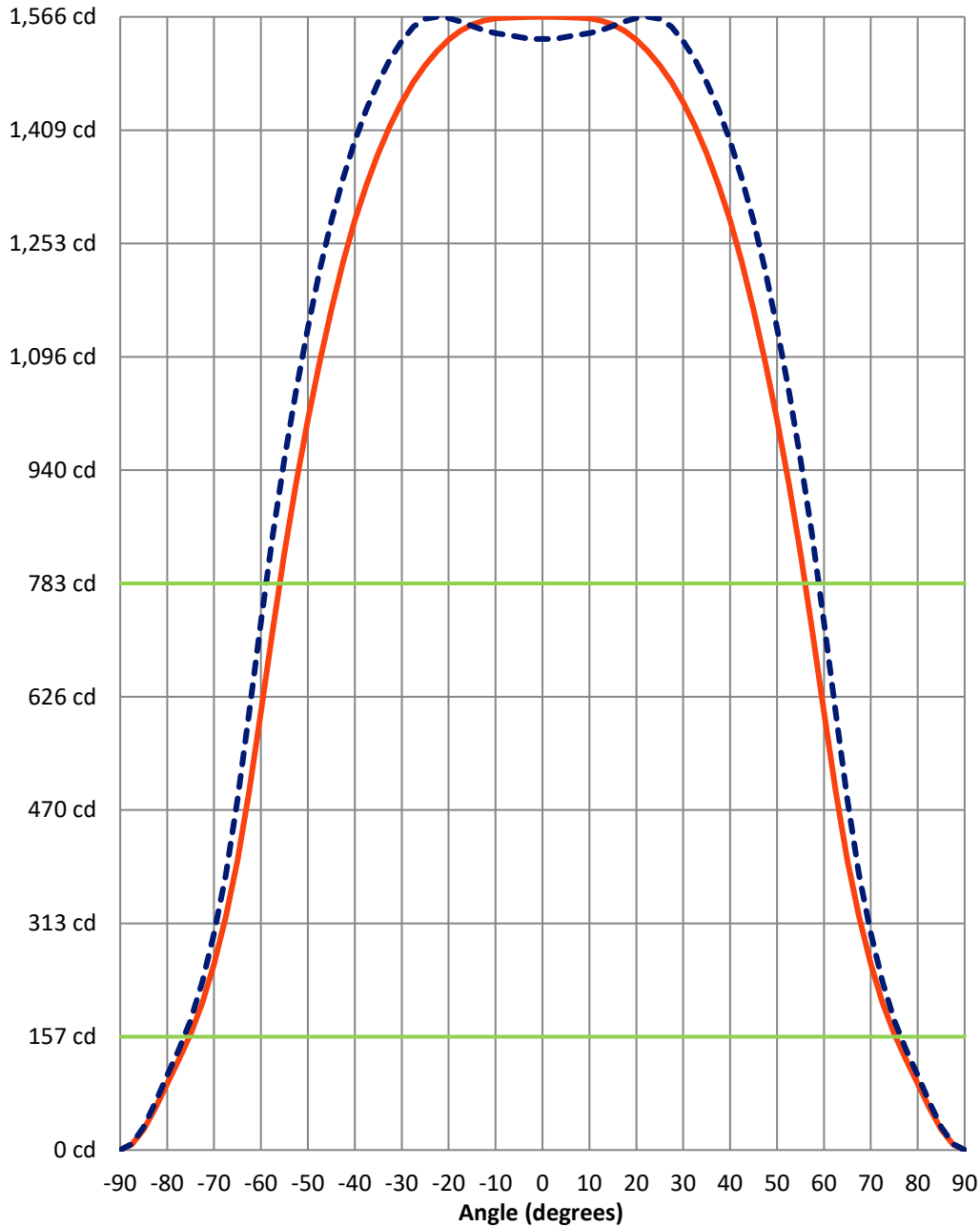
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 3986.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 4696.3
 Efficiency: 98.0%

Spill:
 Lumens: 94.2
 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	0.4	0.7	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.6
85°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.2	5.9	6.6	7.3
82.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.7	9.1	12.0	14.8
80°	0.0	1.5	3.0	4.5	5.9	7.4	9.3	13.2	17.0	20.8	24.5
77.5°	0.0	1.9	3.7	5.6	7.4	10.3	15.2	20.1	24.9	29.6	35.3
75°	0.0	2.2	4.4	6.7	9.3	15.2	21.1	26.9	33.0	41.2	49.3
72.5°	0.0	2.6	5.2	7.7	13.2	20.1	26.9	34.4	44.1	53.7	63.1
70°	0.0	2.9	5.9	9.1	17.0	24.9	33.0	44.1	55.2	66.1	77.9
67.5°	0.0	3.3	6.6	12.0	20.8	29.6	41.2	53.7	66.1	79.5	92.8
65°	0.0	3.6	7.3	14.8	24.5	35.3	49.3	63.1	77.9	92.8	107.2
62.5°	0.0	4.0	7.9	17.5	28.2	41.9	57.2	73.0	89.5	105.6	121.0
60°	0.0	4.3	8.6	20.2	31.7	48.3	64.9	82.9	100.8	117.8	134.5
57.5°	0.0	4.6	10.3	22.8	36.7	54.7	73.2	92.6	111.5	129.7	148.9
55°	0.0	4.9	12.0	25.3	41.6	60.8	81.3	102.1	121.9	141.7	163.5
52.5°	0.0	5.2	13.6	27.8	46.4	66.9	89.2	110.9	131.9	154.5	177.7
50°	0.0	5.5	15.2	30.2	51.0	73.2	96.8	119.4	142.0	166.9	195.4
47.5°	0.0	5.8	16.8	32.7	55.5	79.4	104.1	127.7	152.7	178.9	213.0
45°	0.0	6.1	18.2	35.9	59.7	85.2	110.9	135.6	163.0	194.1	229.9
42.5°	0.0	6.3	19.6	39.0	63.8	90.9	117.4	143.8	172.8	208.7	249.9
40°	0.0	6.6	21.0	41.9	68.0	96.3	123.6	152.0	183.2	222.7	269.7
37.5°	0.0	6.8	22.3	44.7	72.0	101.4	129.5	159.8	195.0	237.0	288.5
35°	0.0	7.0	23.5	47.3	75.9	106.1	135.1	167.2	206.2	253.0	307.7
32.5°	0.0	7.3	24.6	49.8	79.5	110.5	140.6	174.2	216.7	268.0	327.9
30°	0.0	7.4	25.6	52.1	82.9	114.6	146.1	181.2	226.6	282.2	346.8
27.5°	0.0	7.6	26.6	54.3	86.1	118.4	151.3	189.2	236.6	295.3	364.4
25°	0.0	7.8	27.5	56.2	89.0	121.8	156.0	196.5	247.3	309.0	380.9
22.5°	0.0	7.9	28.3	58.0	91.6	125.0	160.4	203.2	257.0	322.2	400.1
20°	0.0	8.1	29.1	59.6	94.0	127.9	164.3	209.2	265.8	334.1	417.5
17.5°	0.0	8.2	29.7	61.1	96.1	130.4	167.7	214.6	273.6	344.8	432.9
15°	0.0	8.3	30.3	62.3	98.0	132.6	170.8	219.2	280.4	354.0	446.4
12.5°	0.0	8.4	30.8	63.4	99.5	134.5	173.3	223.2	286.2	361.9	457.9
10°	0.0	8.5	31.2	64.2	100.8	136.0	175.4	226.5	291.0	368.4	467.3
7.5°	0.0	8.5	31.5	64.9	101.8	137.2	177.1	229.0	294.7	373.5	474.7
5°	0.0	8.6	31.7	65.4	102.5	138.1	178.3	230.8	297.4	377.1	480.0
2.5°	0.0	8.6	31.9	65.7	103.0	138.6	179.0	231.9	299.0	379.3	483.1
0°	0.0	8.6	31.9	65.8	103.1	138.8	179.2	232.3	299.5	380.0	484.2
-2.5°	0.0	8.6	31.9	65.7	103.0	138.6	179.0	231.9	299.0	379.3	483.1
-5°	0.0	8.6	31.7	65.4	102.5	138.1	178.3	230.8	297.4	377.1	480.0
-7.5°	0.0	8.5	31.5	64.9	101.8	137.2	177.1	229.0	294.7	373.5	474.7
-10°	0.0	8.5	31.2	64.2	100.8	136.0	175.4	226.5	291.0	368.4	467.3
-12.5°	0.0	8.4	30.8	63.4	99.5	134.5	173.3	223.2	286.2	361.9	457.9
-15°	0.0	8.3	30.3	62.3	98.0	132.6	170.8	219.2	280.4	354.0	446.4
-17.5°	0.0	8.2	29.7	61.1	96.1	130.4	167.7	214.6	273.6	344.8	432.9
-20°	0.0	8.1	29.1	59.6	94.0	127.9	164.3	209.2	265.8	334.1	417.5

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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	7.9	28.3	58.0	91.6	125.0	160.4	203.2	257.0	322.2	400.1
-25°	0.0	7.8	27.5	56.2	89.0	121.8	156.0	196.5	247.3	309.0	380.9
-27.5°	0.0	7.6	26.6	54.3	86.1	118.4	151.3	189.2	236.6	295.3	364.4
-30°	0.0	7.4	25.6	52.1	82.9	114.6	146.1	181.2	226.6	282.2	346.8
-32.5°	0.0	7.3	24.6	49.8	79.5	110.5	140.6	174.2	216.7	268.0	327.9
-35°	0.0	7.0	23.5	47.3	75.9	106.1	135.1	167.2	206.2	253.0	307.7
-37.5°	0.0	6.8	22.3	44.7	72.0	101.4	129.5	159.8	195.0	237.0	288.5
-40°	0.0	6.6	21.0	41.9	68.0	96.3	123.6	152.0	183.2	222.7	269.7
-42.5°	0.0	6.3	19.6	39.0	63.8	90.9	117.4	143.8	172.8	208.7	249.9
-45°	0.0	6.1	18.2	35.9	59.7	85.2	110.9	135.6	163.0	194.1	229.9
-47.5°	0.0	5.8	16.8	32.7	55.5	79.4	104.1	127.7	152.7	178.9	213.0
-50°	0.0	5.5	15.2	30.2	51.0	73.2	96.8	119.4	142.0	166.9	195.4
-52.5°	0.0	5.2	13.6	27.8	46.4	66.9	89.2	110.9	131.9	154.5	177.7
-55°	0.0	4.9	12.0	25.3	41.6	60.8	81.3	102.1	121.9	141.7	163.5
-57.5°	0.0	4.6	10.3	22.8	36.7	54.7	73.2	92.6	111.5	129.7	148.9
-60°	0.0	4.3	8.6	20.2	31.7	48.3	64.9	82.9	100.8	117.8	134.5
-62.5°	0.0	4.0	7.9	17.5	28.2	41.9	57.2	73.0	89.5	105.6	121.0
-65°	0.0	3.6	7.3	14.8	24.5	35.3	49.3	63.1	77.9	92.8	107.2
-67.5°	0.0	3.3	6.6	12.0	20.8	29.6	41.2	53.7	66.1	79.5	92.8
-70°	0.0	2.9	5.9	9.1	17.0	24.9	33.0	44.1	55.2	66.1	77.9
-72.5°	0.0	2.6	5.2	7.7	13.2	20.1	26.9	34.4	44.1	53.7	63.1
-75°	0.0	2.2	4.4	6.7	9.3	15.2	21.1	26.9	33.0	41.2	49.3
-77.5°	0.0	1.9	3.7	5.6	7.4	10.3	15.2	20.1	24.9	29.6	35.3
-80°	0.0	1.5	3.0	4.5	5.9	7.4	9.3	13.2	17.0	20.8	24.5
-82.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	7.7	9.1	12.0	14.8
-85°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.2	5.9	6.6	7.3
-87.5°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.6
-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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 CATALOG NUMBER: GFLD-SA1B-740-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°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3	6.6	6.8
85°	7.9	8.6	10.3	12.0	13.6	15.2	16.8	18.2	19.6	21.0	22.3
82.5°	17.5	20.2	22.8	25.3	27.8	30.2	32.7	35.9	39.0	41.9	44.7
80°	28.2	31.7	36.7	41.6	46.4	51.0	55.5	59.7	63.8	68.0	72.0
77.5°	41.9	48.3	54.7	60.8	66.9	73.2	79.4	85.2	90.9	96.3	101.4
75°	57.2	64.9	73.2	81.3	89.2	96.8	104.1	110.9	117.4	123.6	129.5
72.5°	73.0	82.9	92.6	102.1	110.9	119.4	127.7	135.6	143.8	152.0	159.8
70°	89.5	100.8	111.5	121.9	131.9	142.0	152.7	163.0	172.8	183.2	195.0
67.5°	105.6	117.8	129.7	141.7	154.5	166.9	178.9	194.1	208.7	222.7	237.0
65°	121.0	134.5	148.9	163.5	177.7	195.4	213.0	229.9	249.9	269.7	288.5
62.5°	136.1	152.5	168.9	186.8	207.4	227.3	250.5	274.1	296.9	322.5	347.5
60°	152.5	170.8	191.6	214.6	238.2	265.8	292.6	322.2	352.0	380.9	416.3
57.5°	168.9	191.6	217.0	244.4	275.1	306.1	340.9	374.5	414.9	455.2	495.4
55°	186.8	214.6	244.4	278.2	313.6	352.1	392.5	439.5	485.0	535.7	584.3
52.5°	207.4	238.2	275.1	313.6	355.9	402.3	454.4	508.2	564.9	620.0	674.0
50°	227.3	265.8	306.1	352.1	402.3	459.4	519.9	582.6	644.5	704.9	761.4
47.5°	250.5	292.6	340.9	392.5	454.4	519.9	588.6	656.9	723.6	785.5	844.8
45°	274.1	322.2	374.5	439.5	508.2	582.6	656.9	729.9	797.7	861.7	917.7
42.5°	296.9	352.0	414.9	485.0	564.9	644.5	723.6	797.7	867.2	928.8	985.1
40°	322.5	380.9	455.2	535.7	620.0	704.9	785.5	861.7	928.8	990.2	1047.1
37.5°	347.5	416.3	495.4	584.3	674.0	761.4	844.8	917.7	985.1	1047.1	1101.8
35°	371.1	449.9	538.0	631.4	725.5	814.4	895.6	969.8	1036.7	1097.0	1152.8
32.5°	397.5	481.8	578.4	676.6	772.4	863.0	943.5	1016.0	1082.6	1143.8	1199.2
30°	424.6	516.1	616.7	719.1	816.5	905.1	985.5	1058.9	1125.0	1185.4	1239.7
27.5°	449.9	548.5	653.2	757.6	856.8	944.6	1023.9	1096.2	1162.6	1223.4	1276.1
25°	473.3	578.4	687.0	792.9	890.7	978.7	1058.7	1131.0	1197.0	1255.4	1306.6
22.5°	496.4	605.8	718.0	825.2	921.9	1009.2	1088.5	1161.0	1227.0	1284.8	1334.0
20°	518.8	631.4	745.4	853.9	950.2	1036.9	1115.6	1187.9	1252.2	1308.2	1357.1
17.5°	538.8	654.1	769.3	877.1	973.4	1060.6	1139.6	1212.1	1274.8	1329.3	1377.1
15°	556.2	674.0	790.2	897.4	993.4	1080.2	1159.3	1231.0	1293.3	1347.3	1394.7
12.5°	571.1	690.9	808.0	914.8	1010.5	1097.1	1176.1	1246.8	1308.1	1361.4	1407.8
10°	583.3	704.9	822.7	929.0	1024.6	1111.0	1190.0	1259.9	1320.4	1373.1	1418.7
7.5°	592.9	715.8	834.2	940.2	1035.6	1121.9	1200.9	1270.2	1330.0	1382.3	1427.3
5°	599.7	723.6	842.5	948.3	1043.5	1129.7	1208.8	1277.6	1337.0	1388.9	1433.5
2.5°	603.8	728.3	847.4	953.1	1048.3	1134.4	1213.5	1282.1	1341.2	1393.0	1437.2
0°	605.2	729.9	849.1	954.7	1049.9	1136.0	1215.1	1283.6	1342.6	1394.3	1438.5
-2.5°	603.8	728.3	847.4	953.1	1048.3	1134.4	1213.5	1282.1	1341.2	1393.0	1437.2
-5°	599.7	723.6	842.5	948.3	1043.5	1129.7	1208.8	1277.6	1337.0	1388.9	1433.5
-7.5°	592.9	715.8	834.2	940.2	1035.6	1121.9	1200.9	1270.2	1330.0	1382.3	1427.3
-10°	583.3	704.9	822.7	929.0	1024.6	1111.0	1190.0	1259.9	1320.4	1373.1	1418.7
-12.5°	571.1	690.9	808.0	914.8	1010.5	1097.1	1176.1	1246.8	1308.1	1361.4	1407.8
-15°	556.2	674.0	790.2	897.4	993.4	1080.2	1159.3	1231.0	1293.3	1347.3	1394.7
-17.5°	538.8	654.1	769.3	877.1	973.4	1060.6	1139.6	1212.1	1274.8	1329.3	1377.1
-20°	518.8	631.4	745.4	853.9	950.2	1036.9	1115.6	1187.9	1252.2	1308.2	1357.1

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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°	496.4	605.8	718.0	825.2	921.9	1009.2	1088.5	1161.0	1227.0	1284.8	1334.0
-25°	473.3	578.4	687.0	792.9	890.7	978.7	1058.7	1131.0	1197.0	1255.4	1306.6
-27.5°	449.9	548.5	653.2	757.6	856.8	944.6	1023.9	1096.2	1162.6	1223.4	1276.1
-30°	424.6	516.1	616.7	719.1	816.5	905.1	985.5	1058.9	1125.0	1185.4	1239.7
-32.5°	397.5	481.8	578.4	676.6	772.4	863.0	943.5	1016.0	1082.6	1143.8	1199.2
-35°	371.1	449.9	538.0	631.4	725.5	814.4	895.6	969.8	1036.7	1097.0	1152.8
-37.5°	347.5	416.3	495.4	584.3	674.0	761.4	844.8	917.7	985.1	1047.1	1101.8
-40°	322.5	380.9	455.2	535.7	620.0	704.9	785.5	861.7	928.8	990.2	1047.1
-42.5°	296.9	352.0	414.9	485.0	564.9	644.5	723.6	797.7	867.2	928.8	985.1
-45°	274.1	322.2	374.5	439.5	508.2	582.6	656.9	729.9	797.7	861.7	917.7
-47.5°	250.5	292.6	340.9	392.5	454.4	519.9	588.6	656.9	723.6	785.5	844.8
-50°	227.3	265.8	306.1	352.1	402.3	459.4	519.9	582.6	644.5	704.9	761.4
-52.5°	207.4	238.2	275.1	313.6	355.9	402.3	454.4	508.2	564.9	620.0	674.0
-55°	186.8	214.6	244.4	278.2	313.6	352.1	392.5	439.5	485.0	535.7	584.3
-57.5°	168.9	191.6	217.0	244.4	275.1	306.1	340.9	374.5	414.9	455.2	495.4
-60°	152.5	170.8	191.6	214.6	238.2	265.8	292.6	322.2	352.0	380.9	416.3
-62.5°	136.1	152.5	168.9	186.8	207.4	227.3	250.5	274.1	296.9	322.5	347.5
-65°	121.0	134.5	148.9	163.5	177.7	195.4	213.0	229.9	249.9	269.7	288.5
-67.5°	105.6	117.8	129.7	141.7	154.5	166.9	178.9	194.1	208.7	222.7	237.0
-70°	89.5	100.8	111.5	121.9	131.9	142.0	152.7	163.0	172.8	183.2	195.0
-72.5°	73.0	82.9	92.6	102.1	110.9	119.4	127.7	135.6	143.8	152.0	159.8
-75°	57.2	64.9	73.2	81.3	89.2	96.8	104.1	110.9	117.4	123.6	129.5
-77.5°	41.9	48.3	54.7	60.8	66.9	73.2	79.4	85.2	90.9	96.3	101.4
-80°	28.2	31.7	36.7	41.6	46.4	51.0	55.5	59.7	63.8	68.0	72.0
-82.5°	17.5	20.2	22.8	25.3	27.8	30.2	32.7	35.9	39.0	41.9	44.7
-85°	7.9	8.6	10.3	12.0	13.6	15.2	16.8	18.2	19.6	21.0	22.3
-87.5°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3	6.6	6.8
-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: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	7.0	7.3	7.4	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5
85°	23.5	24.6	25.6	26.6	27.5	28.3	29.1	29.7	30.3	30.8	31.2
82.5°	47.3	49.8	52.1	54.3	56.2	58.0	59.6	61.1	62.3	63.4	64.2
80°	75.9	79.5	82.9	86.1	89.0	91.6	94.0	96.1	98.0	99.5	100.8
77.5°	106.1	110.5	114.6	118.4	121.8	125.0	127.9	130.4	132.6	134.5	136.0
75°	135.1	140.6	146.1	151.3	156.0	160.4	164.3	167.7	170.8	173.3	175.4
72.5°	167.2	174.2	181.2	189.2	196.5	203.2	209.2	214.6	219.2	223.2	226.5
70°	206.2	216.7	226.6	236.6	247.3	257.0	265.8	273.6	280.4	286.2	291.0
67.5°	253.0	268.0	282.2	295.3	309.0	322.2	334.1	344.8	354.0	361.9	368.4
65°	307.7	327.9	346.8	364.4	380.9	400.1	417.5	432.9	446.4	457.9	467.3
62.5°	371.1	397.5	424.6	449.9	473.3	496.4	518.8	538.8	556.2	571.1	583.3
60°	449.9	481.8	516.1	548.5	578.4	605.8	631.4	654.1	674.0	690.9	704.9
57.5°	538.0	578.4	616.7	653.2	687.0	718.0	745.4	769.3	790.2	808.0	822.7
55°	631.4	676.6	719.1	757.6	792.9	825.2	853.9	877.1	897.4	914.8	929.0
52.5°	725.5	772.4	816.5	856.8	890.7	921.9	950.2	973.4	993.4	1010.5	1024.6
50°	814.4	863.0	905.1	944.6	978.7	1009.2	1036.9	1060.6	1080.2	1097.1	1111.0
47.5°	895.6	943.5	985.5	1023.9	1058.7	1088.5	1115.6	1139.6	1159.3	1176.1	1190.0
45°	969.8	1016.0	1058.9	1096.2	1131.0	1161.0	1187.9	1212.1	1231.0	1246.8	1259.9
42.5°	1036.7	1082.6	1125.0	1162.6	1197.0	1227.0	1252.2	1274.8	1293.3	1308.1	1320.4
40°	1097.0	1143.8	1185.4	1223.4	1255.4	1284.8	1308.2	1329.3	1347.3	1361.4	1373.1
37.5°	1152.8	1199.2	1239.7	1276.1	1306.6	1334.0	1357.1	1377.1	1394.7	1407.8	1418.7
35°	1203.9	1247.9	1288.0	1321.4	1351.6	1377.4	1400.2	1418.6	1435.0	1447.5	1457.4
32.5°	1247.9	1291.7	1328.9	1361.7	1391.2	1415.3	1437.1	1454.0	1468.9	1480.9	1490.1
30°	1288.0	1328.9	1365.1	1397.7	1424.5	1448.0	1467.6	1484.1	1497.9	1509.4	1517.5
27.5°	1321.4	1361.7	1397.7	1427.7	1453.4	1475.9	1494.0	1509.9	1521.9	1532.4	1539.3
25°	1351.6	1391.2	1424.5	1453.4	1478.3	1499.0	1516.1	1530.5	1541.1	1550.2	1555.4
22.5°	1377.4	1415.3	1448.0	1475.9	1499.0	1518.2	1534.4	1546.6	1555.3	1560.7	1563.8
20°	1400.2	1437.1	1467.6	1494.0	1516.1	1534.4	1548.4	1557.4	1563.5	1565.0	1565.8
17.5°	1418.6	1454.0	1484.1	1509.9	1530.5	1546.6	1557.4	1563.8	1565.6	1565.2	1564.4
15°	1435.0	1468.9	1497.9	1521.9	1541.1	1555.3	1563.5	1565.6	1565.0	1563.2	1560.4
12.5°	1447.5	1480.9	1509.4	1532.4	1550.2	1560.7	1565.0	1565.2	1563.2	1559.7	1555.7
10°	1457.4	1490.1	1517.5	1539.3	1555.4	1563.8	1565.8	1564.4	1560.4	1555.7	1551.2
7.5°	1465.2	1497.5	1523.9	1544.9	1558.8	1564.8	1565.2	1562.4	1557.6	1552.2	1547.5
5°	1470.9	1502.8	1528.6	1549.0	1561.3	1565.4	1564.7	1560.8	1555.3	1549.7	1545.3
2.5°	1474.3	1506.0	1531.4	1551.5	1562.8	1565.9	1564.4	1559.8	1553.8	1548.1	1543.9
0°	1475.5	1507.1	1532.4	1552.3	1563.3	1566.0	1564.3	1559.5	1553.3	1547.5	1543.4
-2.5°	1474.3	1506.0	1531.4	1551.5	1562.8	1565.9	1564.4	1559.8	1553.8	1548.1	1543.9
-5°	1470.9	1502.8	1528.6	1549.0	1561.3	1565.4	1564.7	1560.8	1555.3	1549.7	1545.3
-7.5°	1465.2	1497.5	1523.9	1544.9	1558.8	1564.8	1565.2	1562.4	1557.6	1552.2	1547.5
-10°	1457.4	1490.1	1517.5	1539.3	1555.4	1563.8	1565.8	1564.4	1560.4	1555.7	1551.2
-12.5°	1447.5	1480.9	1509.4	1532.4	1550.2	1560.7	1565.0	1565.2	1563.2	1559.7	1555.7
-15°	1435.0	1468.9	1497.9	1521.9	1541.1	1555.3	1563.5	1565.6	1565.0	1563.2	1560.4
-17.5°	1418.6	1454.0	1484.1	1509.9	1530.5	1546.6	1557.4	1563.8	1565.6	1565.2	1564.4
-20°	1400.2	1437.1	1467.6	1494.0	1516.1	1534.4	1548.4	1557.4	1563.5	1565.0	1565.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1377.4	1415.3	1448.0	1475.9	1499.0	1518.2	1534.4	1546.6	1555.3	1560.7	1563.8
-25°	1351.6	1391.2	1424.5	1453.4	1478.3	1499.0	1516.1	1530.5	1541.1	1550.2	1555.4
-27.5°	1321.4	1361.7	1397.7	1427.7	1453.4	1475.9	1494.0	1509.9	1521.9	1532.4	1539.3
-30°	1288.0	1328.9	1365.1	1397.7	1424.5	1448.0	1467.6	1484.1	1497.9	1509.4	1517.5
-32.5°	1247.9	1291.7	1328.9	1361.7	1391.2	1415.3	1437.1	1454.0	1468.9	1480.9	1490.1
-35°	1203.9	1247.9	1288.0	1321.4	1351.6	1377.4	1400.2	1418.6	1435.0	1447.5	1457.4
-37.5°	1152.8	1199.2	1239.7	1276.1	1306.6	1334.0	1357.1	1377.1	1394.7	1407.8	1418.7
-40°	1097.0	1143.8	1185.4	1223.4	1255.4	1284.8	1308.2	1329.3	1347.3	1361.4	1373.1
-42.5°	1036.7	1082.6	1125.0	1162.6	1197.0	1227.0	1252.2	1274.8	1293.3	1308.1	1320.4
-45°	969.8	1016.0	1058.9	1096.2	1131.0	1161.0	1187.9	1212.1	1231.0	1246.8	1259.9
-47.5°	895.6	943.5	985.5	1023.9	1058.7	1088.5	1115.6	1139.6	1159.3	1176.1	1190.0
-50°	814.4	863.0	905.1	944.6	978.7	1009.2	1036.9	1060.6	1080.2	1097.1	1111.0
-52.5°	725.5	772.4	816.5	856.8	890.7	921.9	950.2	973.4	993.4	1010.5	1024.6
-55°	631.4	676.6	719.1	757.6	792.9	825.2	853.9	877.1	897.4	914.8	929.0
-57.5°	538.0	578.4	616.7	653.2	687.0	718.0	745.4	769.3	790.2	808.0	822.7
-60°	449.9	481.8	516.1	548.5	578.4	605.8	631.4	654.1	674.0	690.9	704.9
-62.5°	371.1	397.5	424.6	449.9	473.3	496.4	518.8	538.8	556.2	571.1	583.3
-65°	307.7	327.9	346.8	364.4	380.9	400.1	417.5	432.9	446.4	457.9	467.3
-67.5°	253.0	268.0	282.2	295.3	309.0	322.2	334.1	344.8	354.0	361.9	368.4
-70°	206.2	216.7	226.6	236.6	247.3	257.0	265.8	273.6	280.4	286.2	291.0
-72.5°	167.2	174.2	181.2	189.2	196.5	203.2	209.2	214.6	219.2	223.2	226.5
-75°	135.1	140.6	146.1	151.3	156.0	160.4	164.3	167.7	170.8	173.3	175.4
-77.5°	106.1	110.5	114.6	118.4	121.8	125.0	127.9	130.4	132.6	134.5	136.0
-80°	75.9	79.5	82.9	86.1	89.0	91.6	94.0	96.1	98.0	99.5	100.8
-82.5°	47.3	49.8	52.1	54.3	56.2	58.0	59.6	61.1	62.3	63.4	64.2
-85°	23.5	24.6	25.6	26.6	27.5	28.3	29.1	29.7	30.3	30.8	31.2
-87.5°	7.0	7.3	7.4	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5
-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: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.2
85°	31.5	31.7	31.9	31.9	31.9	31.7	31.5	31.2	30.8	30.3	29.7
82.5°	64.9	65.4	65.7	65.8	65.7	65.4	64.9	64.2	63.4	62.3	61.1
80°	101.8	102.5	103.0	103.1	103.0	102.5	101.8	100.8	99.5	98.0	96.1
77.5°	137.2	138.1	138.6	138.8	138.6	138.1	137.2	136.0	134.5	132.6	130.4
75°	177.1	178.3	179.0	179.2	179.0	178.3	177.1	175.4	173.3	170.8	167.7
72.5°	229.0	230.8	231.9	232.3	231.9	230.8	229.0	226.5	223.2	219.2	214.6
70°	294.7	297.4	299.0	299.5	299.0	297.4	294.7	291.0	286.2	280.4	273.6
67.5°	373.5	377.1	379.3	380.0	379.3	377.1	373.5	368.4	361.9	354.0	344.8
65°	474.7	480.0	483.1	484.2	483.1	480.0	474.7	467.3	457.9	446.4	432.9
62.5°	592.9	599.7	603.8	605.2	603.8	599.7	592.9	583.3	571.1	556.2	538.8
60°	715.8	723.6	728.3	729.9	728.3	723.6	715.8	704.9	690.9	674.0	654.1
57.5°	834.2	842.5	847.4	849.1	847.4	842.5	834.2	822.7	808.0	790.2	769.3
55°	940.2	948.3	953.1	954.7	953.1	948.3	940.2	929.0	914.8	897.4	877.1
52.5°	1035.6	1043.5	1048.3	1049.9	1048.3	1043.5	1035.6	1024.6	1010.5	993.4	973.4
50°	1121.9	1129.7	1134.4	1136.0	1134.4	1129.7	1121.9	1111.0	1097.1	1080.2	1060.6
47.5°	1200.9	1208.8	1213.5	1215.1	1213.5	1208.8	1200.9	1190.0	1176.1	1159.3	1139.6
45°	1270.2	1277.6	1282.1	1283.6	1282.1	1277.6	1270.2	1259.9	1246.8	1231.0	1212.1
42.5°	1330.0	1337.0	1341.2	1342.6	1341.2	1337.0	1330.0	1320.4	1308.1	1293.3	1274.8
40°	1382.3	1388.9	1393.0	1394.3	1393.0	1388.9	1382.3	1373.1	1361.4	1347.3	1329.3
37.5°	1427.3	1433.5	1437.2	1438.5	1437.2	1433.5	1427.3	1418.7	1407.8	1394.7	1377.1
35°	1465.2	1470.9	1474.3	1475.5	1474.3	1470.9	1465.2	1457.4	1447.5	1435.0	1418.6
32.5°	1497.5	1502.8	1506.0	1507.1	1506.0	1502.8	1497.5	1490.1	1480.9	1468.9	1454.0
30°	1523.9	1528.6	1531.4	1532.4	1531.4	1528.6	1523.9	1517.5	1509.4	1497.9	1484.1
27.5°	1544.9	1549.0	1551.5	1552.3	1551.5	1549.0	1544.9	1539.3	1532.4	1521.9	1509.9
25°	1558.8	1561.3	1562.8	1563.3	1562.8	1561.3	1558.8	1555.4	1550.2	1541.1	1530.5
22.5°	1564.8	1565.4	1565.9	1566.0	1565.9	1565.4	1564.8	1563.8	1560.7	1555.3	1546.6
20°	1565.2	1564.7	1564.4	1564.3	1564.4	1564.7	1565.2	1565.8	1565.0	1563.5	1557.4
17.5°	1562.4	1560.8	1559.8	1559.5	1559.8	1560.8	1562.4	1564.4	1565.2	1565.6	1563.8
15°	1557.6	1555.3	1553.8	1553.3	1553.8	1555.3	1557.6	1560.4	1563.2	1565.0	1565.6
12.5°	1552.2	1549.7	1548.1	1547.5	1548.1	1549.7	1552.2	1555.7	1559.7	1563.2	1565.2
10°	1547.5	1545.3	1543.9	1543.4	1543.9	1545.3	1547.5	1551.2	1555.7	1560.4	1564.4
7.5°	1544.4	1542.4	1541.4	1541.0	1541.4	1542.4	1544.4	1547.5	1552.2	1557.6	1562.4
5°	1542.4	1540.5	1538.9	1538.2	1538.9	1540.5	1542.4	1545.3	1549.7	1555.3	1560.8
2.5°	1541.4	1538.9	1536.4	1535.2	1536.4	1538.9	1541.4	1543.9	1548.1	1553.8	1559.8
0°	1541.0	1538.2	1535.2	1535.5	1535.2	1538.2	1541.0	1543.4	1547.5	1553.3	1559.5
-2.5°	1541.4	1538.9	1536.4	1535.2	1536.4	1538.9	1541.4	1543.9	1548.1	1553.8	1559.8
-5°	1542.4	1540.5	1538.9	1538.2	1538.9	1540.5	1542.4	1545.3	1549.7	1555.3	1560.8
-7.5°	1544.4	1542.4	1541.4	1541.0	1541.4	1542.4	1544.4	1547.5	1552.2	1557.6	1562.4
-10°	1547.5	1545.3	1543.9	1543.4	1543.9	1545.3	1547.5	1551.2	1555.7	1560.4	1564.4
-12.5°	1552.2	1549.7	1548.1	1547.5	1548.1	1549.7	1552.2	1555.7	1559.7	1563.2	1565.2
-15°	1557.6	1555.3	1553.8	1553.3	1553.8	1555.3	1557.6	1560.4	1563.2	1565.0	1565.6
-17.5°	1562.4	1560.8	1559.8	1559.5	1559.8	1560.8	1562.4	1564.4	1565.2	1565.6	1563.8
-20°	1565.2	1564.7	1564.4	1564.3	1564.4	1564.7	1565.2	1565.8	1565.0	1563.5	1557.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-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°	1564.8	1565.4	1565.9	1566.0	1565.9	1565.4	1564.8	1563.8	1560.7	1555.3	1546.6
-25°	1558.8	1561.3	1562.8	1563.3	1562.8	1561.3	1558.8	1555.4	1550.2	1541.1	1530.5
-27.5°	1544.9	1549.0	1551.5	1552.3	1551.5	1549.0	1544.9	1539.3	1532.4	1521.9	1509.9
-30°	1523.9	1528.6	1531.4	1532.4	1531.4	1528.6	1523.9	1517.5	1509.4	1497.9	1484.1
-32.5°	1497.5	1502.8	1506.0	1507.1	1506.0	1502.8	1497.5	1490.1	1480.9	1468.9	1454.0
-35°	1465.2	1470.9	1474.3	1475.5	1474.3	1470.9	1465.2	1457.4	1447.5	1435.0	1418.6
-37.5°	1427.3	1433.5	1437.2	1438.5	1437.2	1433.5	1427.3	1418.7	1407.8	1394.7	1377.1
-40°	1382.3	1388.9	1393.0	1394.3	1393.0	1388.9	1382.3	1373.1	1361.4	1347.3	1329.3
-42.5°	1330.0	1337.0	1341.2	1342.6	1341.2	1337.0	1330.0	1320.4	1308.1	1293.3	1274.8
-45°	1270.2	1277.6	1282.1	1283.6	1282.1	1277.6	1270.2	1259.9	1246.8	1231.0	1212.1
-47.5°	1200.9	1208.8	1213.5	1215.1	1213.5	1208.8	1200.9	1190.0	1176.1	1159.3	1139.6
-50°	1121.9	1129.7	1134.4	1136.0	1134.4	1129.7	1121.9	1111.0	1097.1	1080.2	1060.6
-52.5°	1035.6	1043.5	1048.3	1049.9	1048.3	1043.5	1035.6	1024.6	1010.5	993.4	973.4
-55°	940.2	948.3	953.1	954.7	953.1	948.3	940.2	929.0	914.8	897.4	877.1
-57.5°	834.2	842.5	847.4	849.1	847.4	842.5	834.2	822.7	808.0	790.2	769.3
-60°	715.8	723.6	728.3	729.9	728.3	723.6	715.8	704.9	690.9	674.0	654.1
-62.5°	592.9	599.7	603.8	605.2	603.8	599.7	592.9	583.3	571.1	556.2	538.8
-65°	474.7	480.0	483.1	484.2	483.1	480.0	474.7	467.3	457.9	446.4	432.9
-67.5°	373.5	377.1	379.3	380.0	379.3	377.1	373.5	368.4	361.9	354.0	344.8
-70°	294.7	297.4	299.0	299.5	299.0	297.4	294.7	291.0	286.2	280.4	273.6
-72.5°	229.0	230.8	231.9	232.3	231.9	230.8	229.0	226.5	223.2	219.2	214.6
-75°	177.1	178.3	179.0	179.2	179.0	178.3	177.1	175.4	173.3	170.8	167.7
-77.5°	137.2	138.1	138.6	138.8	138.6	138.1	137.2	136.0	134.5	132.6	130.4
-80°	101.8	102.5	103.0	103.1	103.0	102.5	101.8	100.8	99.5	98.0	96.1
-82.5°	64.9	65.4	65.7	65.8	65.7	65.4	64.9	64.2	63.4	62.3	61.1
-85°	31.5	31.7	31.9	31.9	31.9	31.7	31.5	31.2	30.8	30.3	29.7
-87.5°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.4	8.3	8.2
-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: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	8.1	7.9	7.8	7.6	7.4	7.3	7.0	6.8	6.6	6.3	6.1
85°	29.1	28.3	27.5	26.6	25.6	24.6	23.5	22.3	21.0	19.6	18.2
82.5°	59.6	58.0	56.2	54.3	52.1	49.8	47.3	44.7	41.9	39.0	35.9
80°	94.0	91.6	89.0	86.1	82.9	79.5	75.9	72.0	68.0	63.8	59.7
77.5°	127.9	125.0	121.8	118.4	114.6	110.5	106.1	101.4	96.3	90.9	85.2
75°	164.3	160.4	156.0	151.3	146.1	140.6	135.1	129.5	123.6	117.4	110.9
72.5°	209.2	203.2	196.5	189.2	181.2	174.2	167.2	159.8	152.0	143.8	135.6
70°	265.8	257.0	247.3	236.6	226.6	216.7	206.2	195.0	183.2	172.8	163.0
67.5°	334.1	322.2	309.0	295.3	282.2	268.0	253.0	237.0	222.7	208.7	194.1
65°	417.5	400.1	380.9	364.4	346.8	327.9	307.7	288.5	269.7	249.9	229.9
62.5°	518.8	496.4	473.3	449.9	424.6	397.5	371.1	347.5	322.5	296.9	274.1
60°	631.4	605.8	578.4	548.5	516.1	481.8	449.9	416.3	380.9	352.0	322.2
57.5°	745.4	718.0	687.0	653.2	616.7	578.4	538.0	495.4	455.2	414.9	374.5
55°	853.9	825.2	792.9	757.6	719.1	676.6	631.4	584.3	535.7	485.0	439.5
52.5°	950.2	921.9	890.7	856.8	816.5	772.4	725.5	674.0	620.0	564.9	508.2
50°	1036.9	1009.2	978.7	944.6	905.1	863.0	814.4	761.4	704.9	644.5	582.6
47.5°	1115.6	1088.5	1058.7	1023.9	985.5	943.5	895.6	844.8	785.5	723.6	656.9
45°	1187.9	1161.0	1131.0	1096.2	1058.9	1016.0	969.8	917.7	861.7	797.7	729.9
42.5°	1252.2	1227.0	1197.0	1162.6	1125.0	1082.6	1036.7	985.1	928.8	867.2	797.7
40°	1308.2	1284.8	1255.4	1223.4	1185.4	1143.8	1097.0	1047.1	990.2	928.8	861.7
37.5°	1357.1	1334.0	1306.6	1276.1	1239.7	1199.2	1152.8	1101.8	1047.1	985.1	917.7
35°	1400.2	1377.4	1351.6	1321.4	1288.0	1247.9	1203.9	1152.8	1097.0	1036.7	969.8
32.5°	1437.1	1415.3	1391.2	1361.7	1328.9	1291.7	1247.9	1199.2	1143.8	1082.6	1016.0
30°	1467.6	1448.0	1424.5	1397.7	1365.1	1328.9	1288.0	1239.7	1185.4	1125.0	1058.9
27.5°	1494.0	1475.9	1453.4	1427.7	1397.7	1361.7	1321.4	1276.1	1223.4	1162.6	1096.2
25°	1516.1	1499.0	1478.3	1453.4	1424.5	1391.2	1351.6	1306.6	1255.4	1197.0	1131.0
22.5°	1534.4	1518.2	1499.0	1475.9	1448.0	1415.3	1377.4	1334.0	1284.8	1227.0	1161.0
20°	1548.4	1534.4	1516.1	1494.0	1467.6	1437.1	1400.2	1357.1	1308.2	1252.2	1187.9
17.5°	1557.4	1546.6	1530.5	1509.9	1484.1	1454.0	1418.6	1377.1	1329.3	1274.8	1212.1
15°	1563.5	1555.3	1541.1	1521.9	1497.9	1468.9	1435.0	1394.7	1347.3	1293.3	1231.0
12.5°	1565.0	1560.7	1550.2	1532.4	1509.4	1480.9	1447.5	1407.8	1361.4	1308.1	1246.8
10°	1565.8	1563.8	1555.4	1539.3	1517.5	1490.1	1457.4	1418.7	1373.1	1320.4	1259.9
7.5°	1565.2	1564.8	1558.8	1544.9	1523.9	1497.5	1465.2	1427.3	1382.3	1330.0	1270.2
5°	1564.7	1565.4	1561.3	1549.0	1528.6	1502.8	1470.9	1433.5	1388.9	1337.0	1277.6
2.5°	1564.4	1565.9	1562.8	1551.5	1531.4	1506.0	1474.3	1437.2	1393.0	1341.2	1282.1
0°	1564.3	1566.0	1563.3	1552.3	1532.4	1507.1	1475.5	1438.5	1394.3	1342.6	1283.6
-2.5°	1564.4	1565.9	1562.8	1551.5	1531.4	1506.0	1474.3	1437.2	1393.0	1341.2	1282.1
-5°	1564.7	1565.4	1561.3	1549.0	1528.6	1502.8	1470.9	1433.5	1388.9	1337.0	1277.6
-7.5°	1565.2	1564.8	1558.8	1544.9	1523.9	1497.5	1465.2	1427.3	1382.3	1330.0	1270.2
-10°	1565.8	1563.8	1555.4	1539.3	1517.5	1490.1	1457.4	1418.7	1373.1	1320.4	1259.9
-12.5°	1565.0	1560.7	1550.2	1532.4	1509.4	1480.9	1447.5	1407.8	1361.4	1308.1	1246.8
-15°	1563.5	1555.3	1541.1	1521.9	1497.9	1468.9	1435.0	1394.7	1347.3	1293.3	1231.0
-17.5°	1557.4	1546.6	1530.5	1509.9	1484.1	1454.0	1418.6	1377.1	1329.3	1274.8	1212.1
-20°	1548.4	1534.4	1516.1	1494.0	1467.6	1437.1	1400.2	1357.1	1308.2	1252.2	1187.9

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REPORT NUMBER: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1534.4	1518.2	1499.0	1475.9	1448.0	1415.3	1377.4	1334.0	1284.8	1227.0	1161.0
-25°	1516.1	1499.0	1478.3	1453.4	1424.5	1391.2	1351.6	1306.6	1255.4	1197.0	1131.0
-27.5°	1494.0	1475.9	1453.4	1427.7	1397.7	1361.7	1321.4	1276.1	1223.4	1162.6	1096.2
-30°	1467.6	1448.0	1424.5	1397.7	1365.1	1328.9	1288.0	1239.7	1185.4	1125.0	1058.9
-32.5°	1437.1	1415.3	1391.2	1361.7	1328.9	1291.7	1247.9	1199.2	1143.8	1082.6	1016.0
-35°	1400.2	1377.4	1351.6	1321.4	1288.0	1247.9	1203.9	1152.8	1097.0	1036.7	969.8
-37.5°	1357.1	1334.0	1306.6	1276.1	1239.7	1199.2	1152.8	1101.8	1047.1	985.1	917.7
-40°	1308.2	1284.8	1255.4	1223.4	1185.4	1143.8	1097.0	1047.1	990.2	928.8	861.7
-42.5°	1252.2	1227.0	1197.0	1162.6	1125.0	1082.6	1036.7	985.1	928.8	867.2	797.7
-45°	1187.9	1161.0	1131.0	1096.2	1058.9	1016.0	969.8	917.7	861.7	797.7	729.9
-47.5°	1115.6	1088.5	1058.7	1023.9	985.5	943.5	895.6	844.8	785.5	723.6	656.9
-50°	1036.9	1009.2	978.7	944.6	905.1	863.0	814.4	761.4	704.9	644.5	582.6
-52.5°	950.2	921.9	890.7	856.8	816.5	772.4	725.5	674.0	620.0	564.9	508.2
-55°	853.9	825.2	792.9	757.6	719.1	676.6	631.4	584.3	535.7	485.0	439.5
-57.5°	745.4	718.0	687.0	653.2	616.7	578.4	538.0	495.4	455.2	414.9	374.5
-60°	631.4	605.8	578.4	548.5	516.1	481.8	449.9	416.3	380.9	352.0	322.2
-62.5°	518.8	496.4	473.3	449.9	424.6	397.5	371.1	347.5	322.5	296.9	274.1
-65°	417.5	400.1	380.9	364.4	346.8	327.9	307.7	288.5	269.7	249.9	229.9
-67.5°	334.1	322.2	309.0	295.3	282.2	268.0	253.0	237.0	222.7	208.7	194.1
-70°	265.8	257.0	247.3	236.6	226.6	216.7	206.2	195.0	183.2	172.8	163.0
-72.5°	209.2	203.2	196.5	189.2	181.2	174.2	167.2	159.8	152.0	143.8	135.6
-75°	164.3	160.4	156.0	151.3	146.1	140.6	135.1	129.5	123.6	117.4	110.9
-77.5°	127.9	125.0	121.8	118.4	114.6	110.5	106.1	101.4	96.3	90.9	85.2
-80°	94.0	91.6	89.0	86.1	82.9	79.5	75.9	72.0	68.0	63.8	59.7
-82.5°	59.6	58.0	56.2	54.3	52.1	49.8	47.3	44.7	41.9	39.0	35.9
-85°	29.1	28.3	27.5	26.6	25.6	24.6	23.5	22.3	21.0	19.6	18.2
-87.5°	8.1	7.9	7.8	7.6	7.4	7.3	7.0	6.8	6.6	6.3	6.1
-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: P645316 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.6
85°	16.8	15.2	13.6	12.0	10.3	8.6	7.9	7.3	6.6	5.9	5.2
82.5°	32.7	30.2	27.8	25.3	22.8	20.2	17.5	14.8	12.0	9.1	7.7
80°	55.5	51.0	46.4	41.6	36.7	31.7	28.2	24.5	20.8	17.0	13.2
77.5°	79.4	73.2	66.9	60.8	54.7	48.3	41.9	35.3	29.6	24.9	20.1
75°	104.1	96.8	89.2	81.3	73.2	64.9	57.2	49.3	41.2	33.0	26.9
72.5°	127.7	119.4	110.9	102.1	92.6	82.9	73.0	63.1	53.7	44.1	34.4
70°	152.7	142.0	131.9	121.9	111.5	100.8	89.5	77.9	66.1	55.2	44.1
67.5°	178.9	166.9	154.5	141.7	129.7	117.8	105.6	92.8	79.5	66.1	53.7
65°	213.0	195.4	177.7	163.5	148.9	134.5	121.0	107.2	92.8	77.9	63.1
62.5°	250.5	227.3	207.4	186.8	168.9	152.5	136.1	121.0	105.6	89.5	73.0
60°	292.6	265.8	238.2	214.6	191.6	170.8	152.5	134.5	117.8	100.8	82.9
57.5°	340.9	306.1	275.1	244.4	217.0	191.6	168.9	148.9	129.7	111.5	92.6
55°	392.5	352.1	313.6	278.2	244.4	214.6	186.8	163.5	141.7	121.9	102.1
52.5°	454.4	402.3	355.9	313.6	275.1	238.2	207.4	177.7	154.5	131.9	110.9
50°	519.9	459.4	402.3	352.1	306.1	265.8	227.3	195.4	166.9	142.0	119.4
47.5°	588.6	519.9	454.4	392.5	340.9	292.6	250.5	213.0	178.9	152.7	127.7
45°	656.9	582.6	508.2	439.5	374.5	322.2	274.1	229.9	194.1	163.0	135.6
42.5°	723.6	644.5	564.9	485.0	414.9	352.0	296.9	249.9	208.7	172.8	143.8
40°	785.5	704.9	620.0	535.7	455.2	380.9	322.5	269.7	222.7	183.2	152.0
37.5°	844.8	761.4	674.0	584.3	495.4	416.3	347.5	288.5	237.0	195.0	159.8
35°	895.6	814.4	725.5	631.4	538.0	449.9	371.1	307.7	253.0	206.2	167.2
32.5°	943.5	863.0	772.4	676.6	578.4	481.8	397.5	327.9	268.0	216.7	174.2
30°	985.5	905.1	816.5	719.1	616.7	516.1	424.6	346.8	282.2	226.6	181.2
27.5°	1023.9	944.6	856.8	757.6	653.2	548.5	449.9	364.4	295.3	236.6	189.2
25°	1058.7	978.7	890.7	792.9	687.0	578.4	473.3	380.9	309.0	247.3	196.5
22.5°	1088.5	1009.2	921.9	825.2	718.0	605.8	496.4	400.1	322.2	257.0	203.2
20°	1115.6	1036.9	950.2	853.9	745.4	631.4	518.8	417.5	334.1	265.8	209.2
17.5°	1139.6	1060.6	973.4	877.1	769.3	654.1	538.8	432.9	344.8	273.6	214.6
15°	1159.3	1080.2	993.4	897.4	790.2	674.0	556.2	446.4	354.0	280.4	219.2
12.5°	1176.1	1097.1	1010.5	914.8	808.0	690.9	571.1	457.9	361.9	286.2	223.2
10°	1190.0	1111.0	1024.6	929.0	822.7	704.9	583.3	467.3	368.4	291.0	226.5
7.5°	1200.9	1121.9	1035.6	940.2	834.2	715.8	592.9	474.7	373.5	294.7	229.0
5°	1208.8	1129.7	1043.5	948.3	842.5	723.6	599.7	480.0	377.1	297.4	230.8
2.5°	1213.5	1134.4	1048.3	953.1	847.4	728.3	603.8	483.1	379.3	299.0	231.9
0°	1215.1	1136.0	1049.9	954.7	849.1	729.9	605.2	484.2	380.0	299.5	232.3
-2.5°	1213.5	1134.4	1048.3	953.1	847.4	728.3	603.8	483.1	379.3	299.0	231.9
-5°	1208.8	1129.7	1043.5	948.3	842.5	723.6	599.7	480.0	377.1	297.4	230.8
-7.5°	1200.9	1121.9	1035.6	940.2	834.2	715.8	592.9	474.7	373.5	294.7	229.0
-10°	1190.0	1111.0	1024.6	929.0	822.7	704.9	583.3	467.3	368.4	291.0	226.5
-12.5°	1176.1	1097.1	1010.5	914.8	808.0	690.9	571.1	457.9	361.9	286.2	223.2
-15°	1159.3	1080.2	993.4	897.4	790.2	674.0	556.2	446.4	354.0	280.4	219.2
-17.5°	1139.6	1060.6	973.4	877.1	769.3	654.1	538.8	432.9	344.8	273.6	214.6
-20°	1115.6	1036.9	950.2	853.9	745.4	631.4	518.8	417.5	334.1	265.8	209.2



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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°	1088.5	1009.2	921.9	825.2	718.0	605.8	496.4	400.1	322.2	257.0	203.2
-25°	1058.7	978.7	890.7	792.9	687.0	578.4	473.3	380.9	309.0	247.3	196.5
-27.5°	1023.9	944.6	856.8	757.6	653.2	548.5	449.9	364.4	295.3	236.6	189.2
-30°	985.5	905.1	816.5	719.1	616.7	516.1	424.6	346.8	282.2	226.6	181.2
-32.5°	943.5	863.0	772.4	676.6	578.4	481.8	397.5	327.9	268.0	216.7	174.2
-35°	895.6	814.4	725.5	631.4	538.0	449.9	371.1	307.7	253.0	206.2	167.2
-37.5°	844.8	761.4	674.0	584.3	495.4	416.3	347.5	288.5	237.0	195.0	159.8
-40°	785.5	704.9	620.0	535.7	455.2	380.9	322.5	269.7	222.7	183.2	152.0
-42.5°	723.6	644.5	564.9	485.0	414.9	352.0	296.9	249.9	208.7	172.8	143.8
-45°	656.9	582.6	508.2	439.5	374.5	322.2	274.1	229.9	194.1	163.0	135.6
-47.5°	588.6	519.9	454.4	392.5	340.9	292.6	250.5	213.0	178.9	152.7	127.7
-50°	519.9	459.4	402.3	352.1	306.1	265.8	227.3	195.4	166.9	142.0	119.4
-52.5°	454.4	402.3	355.9	313.6	275.1	238.2	207.4	177.7	154.5	131.9	110.9
-55°	392.5	352.1	313.6	278.2	244.4	214.6	186.8	163.5	141.7	121.9	102.1
-57.5°	340.9	306.1	275.1	244.4	217.0	191.6	168.9	148.9	129.7	111.5	92.6
-60°	292.6	265.8	238.2	214.6	191.6	170.8	152.5	134.5	117.8	100.8	82.9
-62.5°	250.5	227.3	207.4	186.8	168.9	152.5	136.1	121.0	105.6	89.5	73.0
-65°	213.0	195.4	177.7	163.5	148.9	134.5	121.0	107.2	92.8	77.9	63.1
-67.5°	178.9	166.9	154.5	141.7	129.7	117.8	105.6	92.8	79.5	66.1	53.7
-70°	152.7	142.0	131.9	121.9	111.5	100.8	89.5	77.9	66.1	55.2	44.1
-72.5°	127.7	119.4	110.9	102.1	92.6	82.9	73.0	63.1	53.7	44.1	34.4
-75°	104.1	96.8	89.2	81.3	73.2	64.9	57.2	49.3	41.2	33.0	26.9
-77.5°	79.4	73.2	66.9	60.8	54.7	48.3	41.9	35.3	29.6	24.9	20.1
-80°	55.5	51.0	46.4	41.6	36.7	31.7	28.2	24.5	20.8	17.0	13.2
-82.5°	32.7	30.2	27.8	25.3	22.8	20.2	17.5	14.8	12.0	9.1	7.7
-85°	16.8	15.2	13.6	12.0	10.3	8.6	7.9	7.3	6.6	5.9	5.2
-87.5°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.6
-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°	2.2	1.9	1.5	1.1	0.7	0.4	0.0
85°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
82.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
80°	9.3	7.4	5.9	4.5	3.0	1.5	0.0
77.5°	15.2	10.3	7.4	5.6	3.7	1.9	0.0
75°	21.1	15.2	9.3	6.7	4.4	2.2	0.0
72.5°	26.9	20.1	13.2	7.7	5.2	2.6	0.0
70°	33.0	24.9	17.0	9.1	5.9	2.9	0.0
67.5°	41.2	29.6	20.8	12.0	6.6	3.3	0.0
65°	49.3	35.3	24.5	14.8	7.3	3.6	0.0
62.5°	57.2	41.9	28.2	17.5	7.9	4.0	0.0
60°	64.9	48.3	31.7	20.2	8.6	4.3	0.0
57.5°	73.2	54.7	36.7	22.8	10.3	4.6	0.0
55°	81.3	60.8	41.6	25.3	12.0	4.9	0.0
52.5°	89.2	66.9	46.4	27.8	13.6	5.2	0.0
50°	96.8	73.2	51.0	30.2	15.2	5.5	0.0
47.5°	104.1	79.4	55.5	32.7	16.8	5.8	0.0
45°	110.9	85.2	59.7	35.9	18.2	6.1	0.0
42.5°	117.4	90.9	63.8	39.0	19.6	6.3	0.0
40°	123.6	96.3	68.0	41.9	21.0	6.6	0.0
37.5°	129.5	101.4	72.0	44.7	22.3	6.8	0.0
35°	135.1	106.1	75.9	47.3	23.5	7.0	0.0
32.5°	140.6	110.5	79.5	49.8	24.6	7.3	0.0
30°	146.1	114.6	82.9	52.1	25.6	7.4	0.0
27.5°	151.3	118.4	86.1	54.3	26.6	7.6	0.0
25°	156.0	121.8	89.0	56.2	27.5	7.8	0.0
22.5°	160.4	125.0	91.6	58.0	28.3	7.9	0.0
20°	164.3	127.9	94.0	59.6	29.1	8.1	0.0
17.5°	167.7	130.4	96.1	61.1	29.7	8.2	0.0
15°	170.8	132.6	98.0	62.3	30.3	8.3	0.0
12.5°	173.3	134.5	99.5	63.4	30.8	8.4	0.0
10°	175.4	136.0	100.8	64.2	31.2	8.5	0.0
7.5°	177.1	137.2	101.8	64.9	31.5	8.5	0.0
5°	178.3	138.1	102.5	65.4	31.7	8.6	0.0
2.5°	179.0	138.6	103.0	65.7	31.9	8.6	0.0
0°	179.2	138.8	103.1	65.8	31.9	8.6	0.0
-2.5°	179.0	138.6	103.0	65.7	31.9	8.6	0.0
-5°	178.3	138.1	102.5	65.4	31.7	8.6	0.0
-7.5°	177.1	137.2	101.8	64.9	31.5	8.5	0.0
-10°	175.4	136.0	100.8	64.2	31.2	8.5	0.0
-12.5°	173.3	134.5	99.5	63.4	30.8	8.4	0.0
-15°	170.8	132.6	98.0	62.3	30.3	8.3	0.0
-17.5°	167.7	130.4	96.1	61.1	29.7	8.2	0.0
-20°	164.3	127.9	94.0	59.6	29.1	8.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	160.4	125.0	91.6	58.0	28.3	7.9	0.0
-25°	156.0	121.8	89.0	56.2	27.5	7.8	0.0
-27.5°	151.3	118.4	86.1	54.3	26.6	7.6	0.0
-30°	146.1	114.6	82.9	52.1	25.6	7.4	0.0
-32.5°	140.6	110.5	79.5	49.8	24.6	7.3	0.0
-35°	135.1	106.1	75.9	47.3	23.5	7.0	0.0
-37.5°	129.5	101.4	72.0	44.7	22.3	6.8	0.0
-40°	123.6	96.3	68.0	41.9	21.0	6.6	0.0
-42.5°	117.4	90.9	63.8	39.0	19.6	6.3	0.0
-45°	110.9	85.2	59.7	35.9	18.2	6.1	0.0
-47.5°	104.1	79.4	55.5	32.7	16.8	5.8	0.0
-50°	96.8	73.2	51.0	30.2	15.2	5.5	0.0
-52.5°	89.2	66.9	46.4	27.8	13.6	5.2	0.0
-55°	81.3	60.8	41.6	25.3	12.0	4.9	0.0
-57.5°	73.2	54.7	36.7	22.8	10.3	4.6	0.0
-60°	64.9	48.3	31.7	20.2	8.6	4.3	0.0
-62.5°	57.2	41.9	28.2	17.5	7.9	4.0	0.0
-65°	49.3	35.3	24.5	14.8	7.3	3.6	0.0
-67.5°	41.2	29.6	20.8	12.0	6.6	3.3	0.0
-70°	33.0	24.9	17.0	9.1	5.9	2.9	0.0
-72.5°	26.9	20.1	13.2	7.7	5.2	2.6	0.0
-75°	21.1	15.2	9.3	6.7	4.4	2.2	0.0
-77.5°	15.2	10.3	7.4	5.6	3.7	1.9	0.0
-80°	9.3	7.4	5.9	4.5	3.0	1.5	0.0
-82.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
-85°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-87.5°	2.2	1.9	1.5	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)