

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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5E-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645544 (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-SA5E-740-U-LAM-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

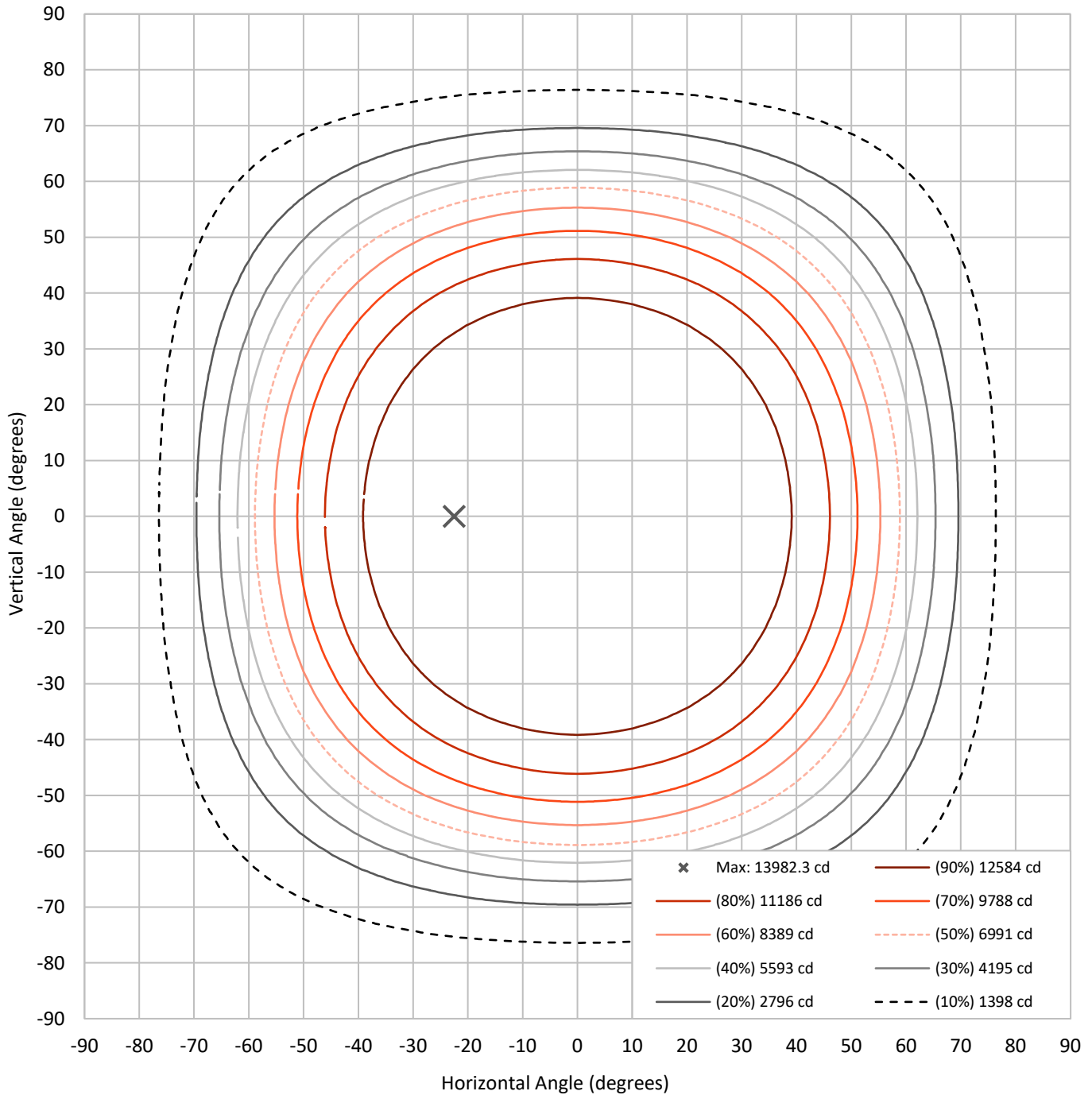
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	42772.7 lumens	Max Intensity:	13982.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	136.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	35596.3 lumens	Field Lumens:	41931.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

Iso-Candela Plot





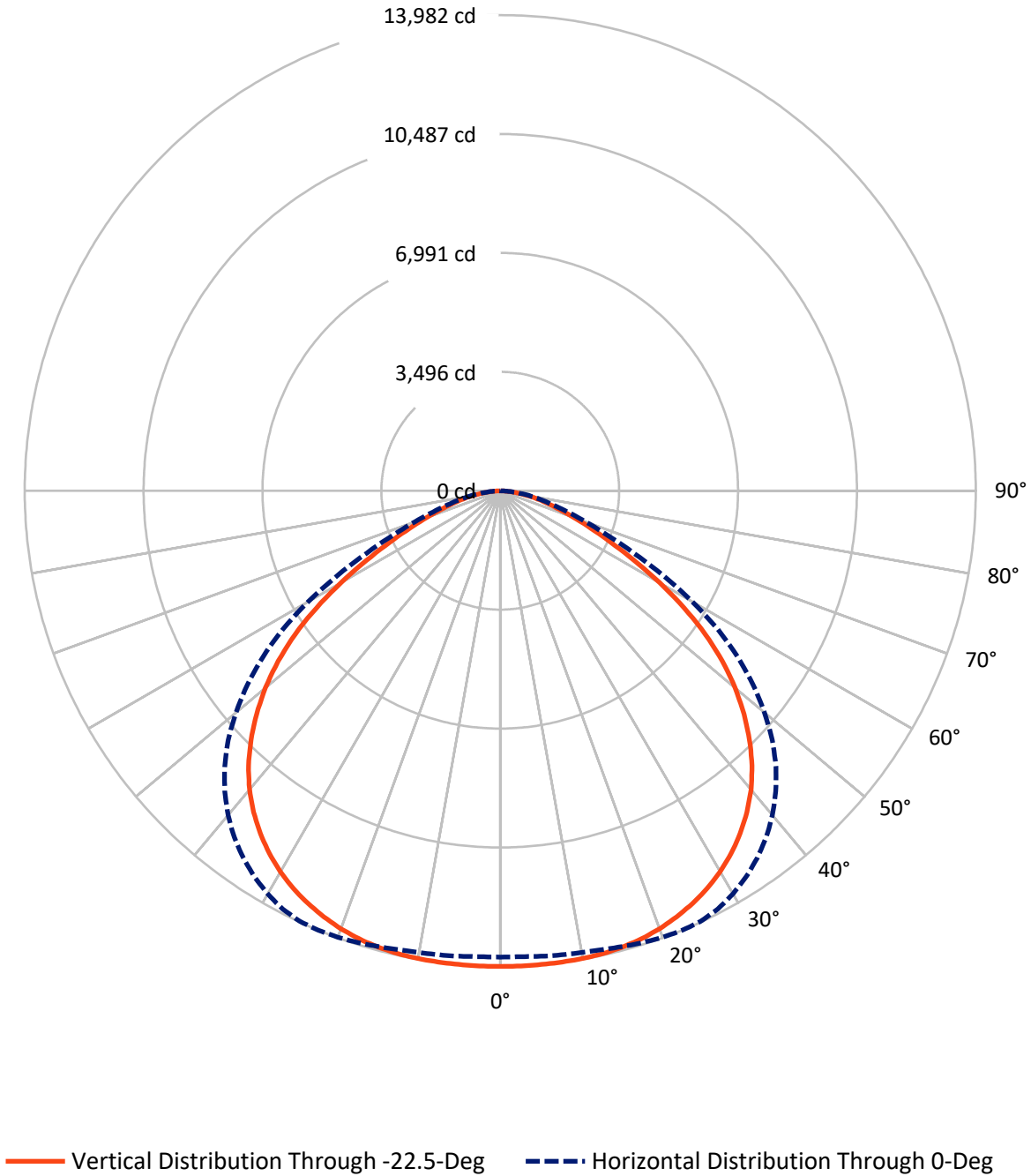
REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

Lumen Table

90																			
80	2.1	22.2	62.7	104.3	122.1	104.3	62.7	22.2	2.1										
70																			
60	10.5	12.4	26.0	45.4	70.3	97.1	119.9	132.7	132.7	119.9	97.1	70.3	45.4	26.0	12.4				10.5
50																			
40	20.0	19.3	44.4	86.0	140.5	193.5	232.9	253.8	253.8	232.9	193.5	140.5	86.0	44.4	19.3				20.0
30																			
20	27.3	27.6	70.1	139.7	214.2	276.6	320.7	343.3	343.3	320.7	276.6	214.2	139.7	70.1	27.6				27.3
10																			
0	30.2	37.0	99.2	185.3	266.4	331.1	374.7	396.4	396.4	374.7	331.1	266.4	185.3	99.2	37.0				30.2
-10																			
-20	27.3	46.3	123.5	216.4	299.5	362.6	402.8	420.8	420.8	402.8	362.6	299.5	216.4	123.5	46.3				27.3
-30																			
-40	20.0	53.8	139.5	235.4	318.0	378.1	410.0	421.0	421.0	410.0	378.1	318.0	235.4	139.5	53.8				20.0
-50																			
-60	10.5	57.7	147.4	244.3	326.2	382.9	408.2	417.1	417.1	408.2	382.9	326.2	244.3	147.4	57.7				10.5
-70																			
-80	2.1	57.7	147.4	244.3	326.2	382.9	408.2	417.1	417.1	408.2	382.9	326.2	244.3	147.4	57.7				2.1
-90																			

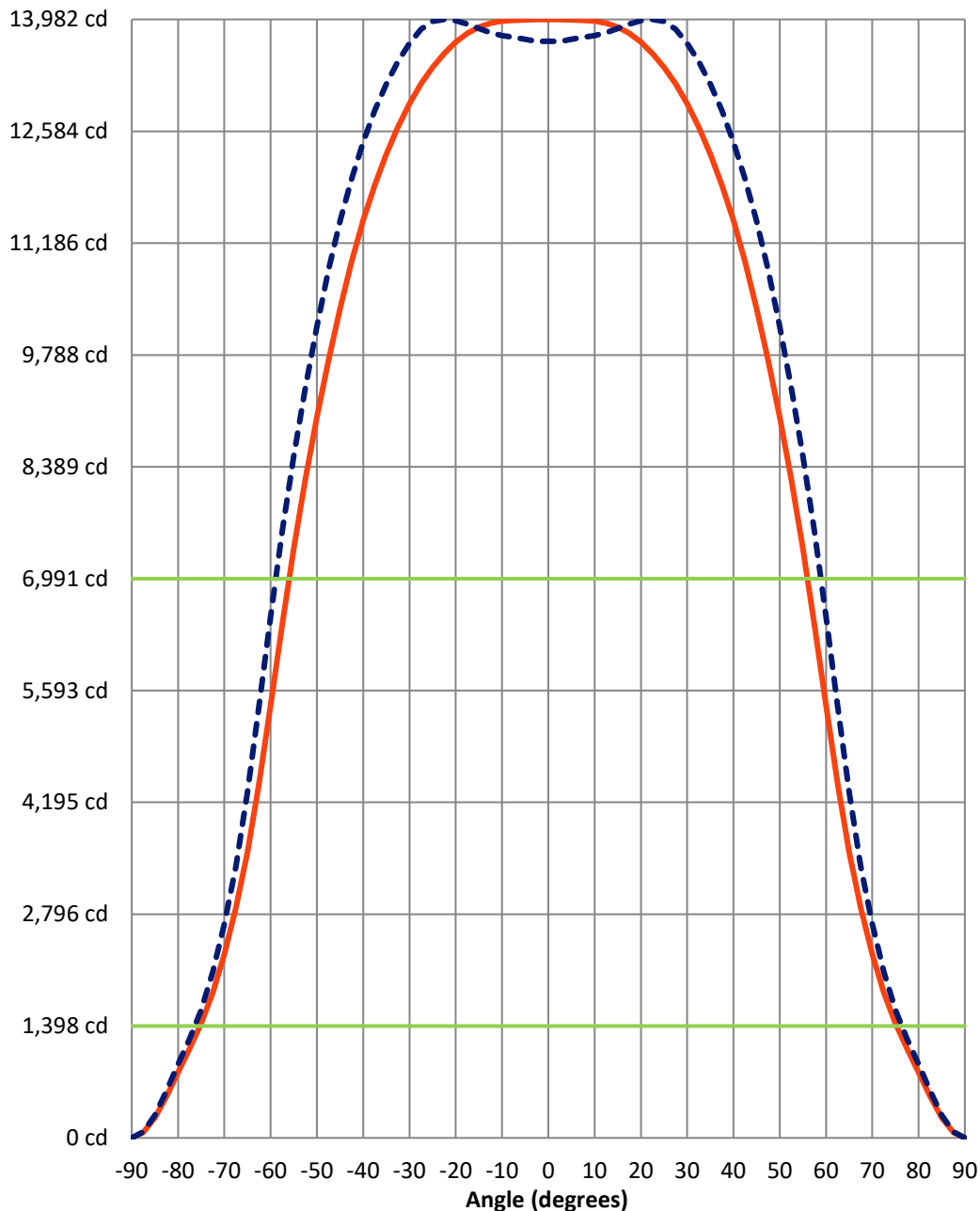
REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 35596.3
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 41931.5
 Efficiency: 98.0%

Spill:
 Lumens: 841.2
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

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	3.3	6.7	10.0	13.3	16.6	19.8	23.0	26.2	29.3	32.3
85°	0.0	6.7	13.3	19.9	26.5	33.1	39.6	46.0	52.3	58.5	64.6
82.5°	0.0	10.0	19.9	29.9	39.7	49.5	59.2	68.8	81.4	106.7	131.6
80°	0.0	13.3	26.5	39.7	52.9	65.9	82.8	117.5	151.8	185.5	218.7
77.5°	0.0	16.6	33.1	49.5	65.9	91.9	135.7	179.0	221.7	263.8	314.6
75°	0.0	19.8	39.6	59.2	82.8	135.7	188.1	239.9	294.0	367.4	439.5
72.5°	0.0	23.0	46.0	68.8	117.5	179.0	239.9	307.3	393.9	479.3	563.3
70°	0.0	26.2	52.3	81.4	151.8	221.7	294.0	393.9	492.6	590.2	695.6
67.5°	0.0	29.3	58.5	106.7	185.5	263.8	367.4	479.3	590.2	710.3	828.5
65°	0.0	32.3	64.6	131.6	218.7	314.6	439.5	563.3	695.6	828.5	957.6
62.5°	0.0	35.3	70.6	156.0	251.1	373.6	510.3	651.6	799.1	943.5	1080.4
60°	0.0	38.2	76.4	179.8	282.9	431.4	579.6	740.5	900.4	1052.1	1200.8
57.5°	0.0	41.1	91.8	203.1	327.3	487.8	653.3	827.3	995.9	1158.3	1329.3
55°	0.0	43.9	106.9	225.7	371.3	542.7	725.8	911.8	1088.1	1265.0	1459.9
52.5°	0.0	46.6	121.5	247.7	413.9	596.9	796.2	990.6	1177.7	1379.4	1587.0
50°	0.0	49.2	135.7	268.9	455.2	653.7	864.4	1066.6	1268.0	1490.4	1744.9
47.5°	0.0	51.7	149.4	291.7	495.0	708.6	929.8	1140.0	1363.3	1597.8	1901.7
45°	0.0	54.1	162.5	320.3	533.2	761.3	990.3	1210.7	1455.1	1732.9	2053.1
42.5°	0.0	56.4	175.0	347.8	569.9	811.8	1048.3	1283.7	1543.2	1863.5	2231.5
40°	0.0	58.6	187.0	374.0	606.6	860.0	1103.6	1357.2	1636.0	1988.4	2407.7
37.5°	0.0	60.7	198.4	398.9	643.2	905.9	1156.3	1427.1	1741.4	2116.2	2575.7
35°	0.0	62.7	209.1	422.4	677.8	947.9	1206.0	1493.3	1841.1	2258.8	2747.3
32.5°	0.0	64.5	219.2	444.5	710.3	986.8	1254.8	1555.6	1935.1	2393.3	2927.6
30°	0.0	66.2	228.7	465.1	740.7	1023.2	1304.5	1618.2	2023.1	2519.3	3096.6
27.5°	0.0	67.9	237.4	484.2	768.9	1056.9	1350.6	1689.3	2112.9	2636.4	3253.9
25°	0.0	69.3	245.4	501.8	794.8	1088.0	1393.1	1754.8	2208.2	2758.5	3400.9
22.5°	0.0	70.7	252.8	517.9	818.4	1116.3	1431.9	1814.5	2295.2	2876.8	3572.6
20°	0.0	71.9	259.4	532.3	839.7	1141.7	1466.8	1868.4	2373.6	2983.5	3727.5
17.5°	0.0	73.0	265.2	545.1	858.6	1164.4	1497.7	1916.2	2443.3	3078.4	3865.4
15°	0.0	73.9	270.3	556.3	875.0	1184.1	1524.7	1957.8	2504.0	3161.2	3985.7
12.5°	0.0	74.7	274.6	565.7	889.0	1200.8	1547.7	1993.3	2555.7	3231.6	4088.2
10°	0.0	75.3	278.2	573.5	900.4	1214.5	1566.5	2022.4	2598.2	3289.5	4172.4
7.5°	0.0	75.8	280.9	579.6	909.4	1225.3	1581.2	2045.1	2631.3	3334.7	4238.2
5°	0.0	76.2	282.9	583.9	915.8	1232.9	1591.8	2061.4	2655.1	3367.1	4285.4
2.5°	0.0	76.4	284.1	586.5	919.6	1237.6	1598.1	2071.1	2669.3	3386.6	4313.7
0°	0.0	76.5	284.5	587.4	920.9	1239.1	1600.2	2074.4	2674.1	3393.1	4323.2
-2.5°	0.0	76.4	284.1	586.5	919.6	1237.6	1598.1	2071.1	2669.3	3386.6	4313.7
-5°	0.0	76.2	282.9	583.9	915.8	1232.9	1591.8	2061.4	2655.1	3367.1	4285.4
-7.5°	0.0	75.8	280.9	579.6	909.4	1225.3	1581.2	2045.1	2631.3	3334.7	4238.2
-10°	0.0	75.3	278.2	573.5	900.4	1214.5	1566.5	2022.4	2598.2	3289.5	4172.4
-12.5°	0.0	74.7	274.6	565.7	889.0	1200.8	1547.7	1993.3	2555.7	3231.6	4088.2
-15°	0.0	73.9	270.3	556.3	875.0	1184.1	1524.7	1957.8	2504.0	3161.2	3985.7
-17.5°	0.0	73.0	265.2	545.1	858.6	1164.4	1497.7	1916.2	2443.3	3078.4	3865.4
-20°	0.0	71.9	259.4	532.3	839.7	1141.7	1466.8	1868.4	2373.6	2983.5	3727.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	70.7	252.8	517.9	818.4	1116.3	1431.9	1814.5	2295.2	2876.8	3572.6
-25°	0.0	69.3	245.4	501.8	794.8	1088.0	1393.1	1754.8	2208.2	2758.5	3400.9
-27.5°	0.0	67.9	237.4	484.2	768.9	1056.9	1350.6	1689.3	2112.9	2636.4	3253.9
-30°	0.0	66.2	228.7	465.1	740.7	1023.2	1304.5	1618.2	2023.1	2519.3	3096.6
-32.5°	0.0	64.5	219.2	444.5	710.3	986.8	1254.8	1555.6	1935.1	2393.3	2927.6
-35°	0.0	62.7	209.1	422.4	677.8	947.9	1206.0	1493.3	1841.1	2258.8	2747.3
-37.5°	0.0	60.7	198.4	398.9	643.2	905.9	1156.3	1427.1	1741.4	2116.2	2575.7
-40°	0.0	58.6	187.0	374.0	606.6	860.0	1103.6	1357.2	1636.0	1988.4	2407.7
-42.5°	0.0	56.4	175.0	347.8	569.9	811.8	1048.3	1283.7	1543.2	1863.5	2231.5
-45°	0.0	54.1	162.5	320.3	533.2	761.3	990.3	1210.7	1455.1	1732.9	2053.1
-47.5°	0.0	51.7	149.4	291.7	495.0	708.6	929.8	1140.0	1363.3	1597.8	1901.7
-50°	0.0	49.2	135.7	268.9	455.2	653.7	864.4	1066.6	1268.0	1490.4	1744.9
-52.5°	0.0	46.6	121.5	247.7	413.9	596.9	796.2	990.6	1177.7	1379.4	1587.0
-55°	0.0	43.9	106.9	225.7	371.3	542.7	725.8	911.8	1088.1	1265.0	1459.9
-57.5°	0.0	41.1	91.8	203.1	327.3	487.8	653.3	827.3	995.9	1158.3	1329.3
-60°	0.0	38.2	76.4	179.8	282.9	431.4	579.6	740.5	900.4	1052.1	1200.8
-62.5°	0.0	35.3	70.6	156.0	251.1	373.6	510.3	651.6	799.1	943.5	1080.4
-65°	0.0	32.3	64.6	131.6	218.7	314.6	439.5	563.3	695.6	828.5	957.6
-67.5°	0.0	29.3	58.5	106.7	185.5	263.8	367.4	479.3	590.2	710.3	828.5
-70°	0.0	26.2	52.3	81.4	151.8	221.7	294.0	393.9	492.6	590.2	695.6
-72.5°	0.0	23.0	46.0	68.8	117.5	179.0	239.9	307.3	393.9	479.3	563.3
-75°	0.0	19.8	39.6	59.2	82.8	135.7	188.1	239.9	294.0	367.4	439.5
-77.5°	0.0	16.6	33.1	49.5	65.9	91.9	135.7	179.0	221.7	263.8	314.6
-80°	0.0	13.3	26.5	39.7	52.9	65.9	82.8	117.5	151.8	185.5	218.7
-82.5°	0.0	10.0	19.9	29.9	39.7	49.5	59.2	68.8	81.4	106.7	131.6
-85°	0.0	6.7	13.3	19.9	26.5	33.1	39.6	46.0	52.3	58.5	64.6
-87.5°	0.0	3.3	6.7	10.0	13.3	16.6	19.8	23.0	26.2	29.3	32.3
-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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	35.3	38.2	41.1	43.9	46.6	49.2	51.7	54.1	56.4	58.6	60.7
85°	70.6	76.4	91.8	106.9	121.5	135.7	149.4	162.5	175.0	187.0	198.4
82.5°	156.0	179.8	203.1	225.7	247.7	268.9	291.7	320.3	347.8	374.0	398.9
80°	251.1	282.9	327.3	371.3	413.9	455.2	495.0	533.2	569.9	606.6	643.2
77.5°	373.6	431.4	487.8	542.7	596.9	653.7	708.6	761.3	811.8	860.0	905.9
75°	510.3	579.6	653.3	725.8	796.2	864.4	929.8	990.3	1048.3	1103.6	1156.3
72.5°	651.6	740.5	827.3	911.8	990.6	1066.6	1140.0	1210.7	1283.7	1357.2	1427.1
70°	799.1	900.4	995.9	1088.1	1177.7	1268.0	1363.3	1455.1	1543.2	1636.0	1741.4
67.5°	943.5	1052.1	1158.3	1265.0	1379.4	1490.4	1597.8	1732.9	1863.5	1988.4	2116.2
65°	1080.4	1200.8	1329.3	1459.9	1587.0	1744.9	1901.7	2053.1	2231.5	2407.7	2575.7
62.5°	1215.0	1361.7	1508.5	1668.1	1851.6	2030.0	2236.8	2447.8	2650.9	2879.7	3102.5
60°	1361.7	1524.7	1711.0	1916.2	2127.4	2373.6	2612.4	2876.8	3143.4	3400.9	3717.0
57.5°	1508.5	1711.0	1937.8	2182.3	2456.3	2732.9	3043.4	3344.0	3704.5	4064.7	4423.0
55°	1668.1	1916.2	2182.3	2484.0	2799.7	3144.2	3504.4	3924.2	4330.5	4783.1	5216.6
52.5°	1851.6	2127.4	2456.3	2799.7	3178.0	3592.4	4057.1	4537.8	5043.9	5535.4	6017.6
50°	2030.0	2373.6	2732.9	3144.2	3592.4	4101.6	4642.1	5201.9	5754.5	6293.6	6798.4
47.5°	2236.8	2612.4	3043.4	3504.4	4057.1	4642.1	5254.8	5864.8	6460.9	7013.8	7543.5
45°	2447.8	2876.8	3344.0	3924.2	4537.8	5201.9	5864.8	6516.9	7122.4	7693.8	8193.8
42.5°	2650.9	3143.4	3704.5	4330.5	5043.9	5754.5	6460.9	7122.4	7742.8	8293.1	8795.3
40°	2879.7	3400.9	4064.7	4783.1	5535.4	6293.6	7013.8	7693.8	8293.1	8841.1	9349.6
37.5°	3102.5	3717.0	4423.0	5216.6	6017.6	6798.4	7543.5	8193.8	8795.3	9349.6	9837.4
35°	3314.0	4017.5	4803.7	5636.8	6477.7	7271.6	7996.8	8658.8	9256.5	9794.3	10293.0
32.5°	3549.1	4301.5	5164.0	6040.5	6896.9	7705.3	8424.2	9071.9	9666.0	10212.1	10707.4
30°	3791.6	4607.8	5505.9	6420.7	7290.6	8081.4	8799.1	9454.8	10044.2	10583.8	11069.1
27.5°	4017.5	4896.8	5832.2	6764.7	7650.3	8434.0	9142.1	9787.6	10380.5	10923.7	11394.1
25°	4226.1	5164.0	6134.2	7079.6	7953.1	8738.7	9453.1	10098.2	10687.7	11208.9	11666.2
22.5°	4432.1	5408.7	6410.9	7368.6	8231.3	9011.0	9718.9	10365.7	10955.5	11471.9	11910.7
20°	4632.3	5636.8	6655.1	7624.8	8483.7	9258.4	9960.9	10606.5	11180.5	11680.5	12117.3
17.5°	4810.5	5840.0	6868.7	7831.7	8691.3	9469.7	10175.0	10822.7	11383.0	11868.7	12295.8
15°	4966.1	6017.6	7055.5	8012.9	8869.9	9645.1	10350.5	10991.1	11547.6	12029.3	12453.3
12.5°	5098.7	6168.9	7214.9	8167.6	9022.4	9795.3	10500.9	11132.6	11679.7	12155.2	12570.0
10°	5207.8	6293.6	7346.2	8295.1	9148.3	9919.3	10625.2	11249.7	11789.3	12259.8	12667.2
7.5°	5293.1	6391.0	7448.8	8394.9	9246.9	10016.5	10722.8	11341.7	11875.5	12342.1	12744.0
5°	5354.2	6460.9	7522.5	8466.5	9317.7	10086.4	10792.9	11407.9	11937.5	12401.5	12799.4
2.5°	5390.9	6502.9	7566.8	8509.6	9360.4	10128.4	10835.2	11447.9	11975.0	12437.4	12832.9
0°	5403.2	6516.9	7581.6	8524.0	9374.6	10142.5	10849.3	11461.2	11987.5	12449.4	12844.1
-2.5°	5390.9	6502.9	7566.8	8509.6	9360.4	10128.4	10835.2	11447.9	11975.0	12437.4	12832.9
-5°	5354.2	6460.9	7522.5	8466.5	9317.7	10086.4	10792.9	11407.9	11937.5	12401.5	12799.4
-7.5°	5293.1	6391.0	7448.8	8394.9	9246.9	10016.5	10722.8	11341.7	11875.5	12342.1	12744.0
-10°	5207.8	6293.6	7346.2	8295.1	9148.3	9919.3	10625.2	11249.7	11789.3	12259.8	12667.2
-12.5°	5098.7	6168.9	7214.9	8167.6	9022.4	9795.3	10500.9	11132.6	11679.7	12155.2	12570.0
-15°	4966.1	6017.6	7055.5	8012.9	8869.9	9645.1	10350.5	10991.1	11547.6	12029.3	12453.3
-17.5°	4810.5	5840.0	6868.7	7831.7	8691.3	9469.7	10175.0	10822.7	11383.0	11868.7	12295.8
-20°	4632.3	5636.8	6655.1	7624.8	8483.7	9258.4	9960.9	10606.5	11180.5	11680.5	12117.3



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-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°	4432.1	5408.7	6410.9	7368.6	8231.3	9011.0	9718.9	10365.7	10955.5	11471.9	11910.7
-25°	4226.1	5164.0	6134.2	7079.6	7953.1	8738.7	9453.1	10098.2	10687.7	11208.9	11666.2
-27.5°	4017.5	4896.8	5832.2	6764.7	7650.3	8434.0	9142.1	9787.6	10380.5	10923.7	11394.1
-30°	3791.6	4607.8	5505.9	6420.7	7290.6	8081.4	8799.1	9454.8	10044.2	10583.8	11069.1
-32.5°	3549.1	4301.5	5164.0	6040.5	6896.9	7705.3	8424.2	9071.9	9666.0	10212.1	10707.4
-35°	3314.0	4017.5	4803.7	5636.8	6477.7	7271.6	7996.8	8658.8	9256.5	9794.3	10293.0
-37.5°	3102.5	3717.0	4423.0	5216.6	6017.6	6798.4	7543.5	8193.8	8795.3	9349.6	9837.4
-40°	2879.7	3400.9	4064.7	4783.1	5535.4	6293.6	7013.8	7693.8	8293.1	8841.1	9349.6
-42.5°	2650.9	3143.4	3704.5	4330.5	5043.9	5754.5	6460.9	7122.4	7742.8	8293.1	8795.3
-45°	2447.8	2876.8	3344.0	3924.2	4537.8	5201.9	5864.8	6516.9	7122.4	7693.8	8193.8
-47.5°	2236.8	2612.4	3043.4	3504.4	4057.1	4642.1	5254.8	5864.8	6460.9	7013.8	7543.5
-50°	2030.0	2373.6	2732.9	3144.2	3592.4	4101.6	4642.1	5201.9	5754.5	6293.6	6798.4
-52.5°	1851.6	2127.4	2456.3	2799.7	3178.0	3592.4	4057.1	4537.8	5043.9	5535.4	6017.6
-55°	1668.1	1916.2	2182.3	2484.0	2799.7	3144.2	3504.4	3924.2	4330.5	4783.1	5216.6
-57.5°	1508.5	1711.0	1937.8	2182.3	2456.3	2732.9	3043.4	3344.0	3704.5	4064.7	4423.0
-60°	1361.7	1524.7	1711.0	1916.2	2127.4	2373.6	2612.4	2876.8	3143.4	3400.9	3717.0
-62.5°	1215.0	1361.7	1508.5	1668.1	1851.6	2030.0	2236.8	2447.8	2650.9	2879.7	3102.5
-65°	1080.4	1200.8	1329.3	1459.9	1587.0	1744.9	1901.7	2053.1	2231.5	2407.7	2575.7
-67.5°	943.5	1052.1	1158.3	1265.0	1379.4	1490.4	1597.8	1732.9	1863.5	1988.4	2116.2
-70°	799.1	900.4	995.9	1088.1	1177.7	1268.0	1363.3	1455.1	1543.2	1636.0	1741.4
-72.5°	651.6	740.5	827.3	911.8	990.6	1066.6	1140.0	1210.7	1283.7	1357.2	1427.1
-75°	510.3	579.6	653.3	725.8	796.2	864.4	929.8	990.3	1048.3	1103.6	1156.3
-77.5°	373.6	431.4	487.8	542.7	596.9	653.7	708.6	761.3	811.8	860.0	905.9
-80°	251.1	282.9	327.3	371.3	413.9	455.2	495.0	533.2	569.9	606.6	643.2
-82.5°	156.0	179.8	203.1	225.7	247.7	268.9	291.7	320.3	347.8	374.0	398.9
-85°	70.6	76.4	91.8	106.9	121.5	135.7	149.4	162.5	175.0	187.0	198.4
-87.5°	35.3	38.2	41.1	43.9	46.6	49.2	51.7	54.1	56.4	58.6	60.7
-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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	62.7	64.5	66.2	67.9	69.3	70.7	71.9	73.0	73.9	74.7	75.3
85°	209.1	219.2	228.7	237.4	245.4	252.8	259.4	265.2	270.3	274.6	278.2
82.5°	422.4	444.5	465.1	484.2	501.8	517.9	532.3	545.1	556.3	565.7	573.5
80°	677.8	710.3	740.7	768.9	794.8	818.4	839.7	858.6	875.0	889.0	900.4
77.5°	947.9	986.8	1023.2	1056.9	1088.0	1116.3	1141.7	1164.4	1184.1	1200.8	1214.5
75°	1206.0	1254.8	1304.5	1350.6	1393.1	1431.9	1466.8	1497.7	1524.7	1547.7	1566.5
72.5°	1493.3	1555.6	1618.2	1689.3	1754.8	1814.5	1868.4	1916.2	1957.8	1993.3	2022.4
70°	1841.1	1935.1	2023.1	2112.9	2208.2	2295.2	2373.6	2443.3	2504.0	2555.7	2598.2
67.5°	2258.8	2393.3	2519.3	2636.4	2758.5	2876.8	2983.5	3078.4	3161.2	3231.6	3289.5
65°	2747.3	2927.6	3096.6	3253.9	3400.9	3572.6	3727.5	3865.4	3985.7	4088.2	4172.4
62.5°	3314.0	3549.1	3791.6	4017.5	4226.1	4432.1	4632.3	4810.5	4966.1	5098.7	5207.8
60°	4017.5	4301.5	4607.8	4896.8	5164.0	5408.7	5636.8	5840.0	6017.6	6168.9	6293.6
57.5°	4803.7	5164.0	5505.9	5832.2	6134.2	6410.9	6655.1	6868.7	7055.5	7214.9	7346.2
55°	5636.8	6040.5	6420.7	6764.7	7079.6	7368.6	7624.8	7831.7	8012.9	8167.6	8295.1
52.5°	6477.7	6896.9	7290.6	7650.3	7953.1	8231.3	8483.7	8691.3	8869.9	9022.4	9148.3
50°	7271.6	7705.3	8081.4	8434.0	8738.7	9011.0	9258.4	9469.7	9645.1	9795.3	9919.3
47.5°	7996.8	8424.2	8799.1	9142.1	9453.1	9718.9	9960.9	10175.0	10350.5	10500.9	10625.2
45°	8658.8	9071.9	9454.8	9787.6	10098.2	10365.7	10606.5	10822.7	10991.1	11132.6	11249.7
42.5°	9256.5	9666.0	10044.2	10380.5	10687.7	10955.5	11180.5	11383.0	11547.6	11679.7	11789.3
40°	9794.3	10212.1	10583.8	10923.7	11208.9	11471.9	11680.5	11868.7	12029.3	12155.2	12259.8
37.5°	10293.0	10707.4	11069.1	11394.1	11666.2	11910.7	12117.3	12295.8	12453.3	12570.0	12667.2
35°	10749.0	11142.7	11500.5	11798.4	12068.2	12298.4	12501.7	12666.4	12812.8	12924.1	13012.7
32.5°	11142.7	11533.1	11865.4	12158.6	12421.9	12636.8	12831.9	12982.7	13115.5	13222.6	13305.0
30°	11500.5	11865.4	12189.0	12479.4	12719.4	12928.7	13104.4	13251.6	13374.4	13476.5	13548.9
27.5°	11798.4	12158.6	12479.4	12747.2	12976.9	13178.4	13339.2	13481.0	13588.1	13682.1	13744.4
25°	12068.2	12421.9	12719.4	12976.9	13199.9	13383.8	13536.8	13665.3	13760.2	13840.7	13887.1
22.5°	12298.4	12636.8	12928.7	13178.4	13383.8	13555.7	13699.9	13808.6	13886.4	13935.1	13962.5
20°	12501.7	12831.9	13104.4	13339.2	13536.8	13699.9	13825.1	13905.4	13959.6	13973.0	13980.9
17.5°	12666.4	12982.7	13251.6	13481.0	13665.3	13808.6	13905.4	13962.2	13978.4	13975.5	13967.5
15°	12812.8	13115.5	13374.4	13588.1	13760.2	13886.4	13959.6	13978.4	13973.7	13957.3	13932.1
12.5°	12924.1	13222.6	13476.5	13682.1	13840.7	13935.1	13973.0	13975.5	13957.3	13926.0	13890.2
10°	13012.7	13305.0	13548.9	13744.4	13887.1	13962.5	13980.9	13967.5	13932.1	13890.2	13850.5
7.5°	13082.8	13370.4	13606.6	13794.1	13917.4	13971.0	13975.0	13949.8	13907.3	13859.7	13816.8
5°	13133.6	13417.7	13648.5	13830.4	13939.6	13977.2	13970.6	13935.8	13886.6	13836.8	13797.6
2.5°	13164.3	13446.5	13674.0	13852.5	13953.2	13981.0	13967.9	13927.1	13873.6	13822.2	13784.9
0°	13174.6	13456.1	13682.5	13859.9	13957.8	13982.3	13967.0	13924.2	13869.1	13817.1	13780.4
-2.5°	13164.3	13446.5	13674.0	13852.5	13953.2	13981.0	13967.9	13927.1	13873.6	13822.2	13784.9
-5°	13133.6	13417.7	13648.5	13830.4	13939.6	13977.2	13970.6	13935.8	13886.6	13836.8	13797.6
-7.5°	13082.8	13370.4	13606.6	13794.1	13917.4	13971.0	13975.0	13949.8	13907.3	13859.7	13816.8
-10°	13012.7	13305.0	13548.9	13744.4	13887.1	13962.5	13980.9	13967.5	13932.1	13890.2	13850.5
-12.5°	12924.1	13222.6	13476.5	13682.1	13840.7	13935.1	13973.0	13975.5	13957.3	13926.0	13890.2
-15°	12812.8	13115.5	13374.4	13588.1	13760.2	13886.4	13959.6	13978.4	13973.7	13957.3	13932.1
-17.5°	12666.4	12982.7	13251.6	13481.0	13665.3	13808.6	13905.4	13962.2	13978.4	13975.5	13967.5
-20°	12501.7	12831.9	13104.4	13339.2	13536.8	13699.9	13825.1	13905.4	13959.6	13973.0	13980.9



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	12298.4	12636.8	12928.7	13178.4	13383.8	13555.7	13699.9	13808.6	13886.4	13935.1	13962.5
-25°	12068.2	12421.9	12719.4	12976.9	13199.9	13383.8	13536.8	13665.3	13760.2	13840.7	13887.1
-27.5°	11798.4	12158.6	12479.4	12747.2	12976.9	13178.4	13339.2	13481.0	13588.1	13682.1	13744.4
-30°	11500.5	11865.4	12189.0	12479.4	12719.4	12928.7	13104.4	13251.6	13374.4	13476.5	13548.9
-32.5°	11142.7	11533.1	11865.4	12158.6	12421.9	12636.8	12831.9	12982.7	13115.5	13222.6	13305.0
-35°	10749.0	11142.7	11500.5	11798.4	12068.2	12298.4	12501.7	12666.4	12812.8	12924.1	13012.7
-37.5°	10293.0	10707.4	11069.1	11394.1	11666.2	11910.7	12117.3	12295.8	12453.3	12570.0	12667.2
-40°	9794.3	10212.1	10583.8	10923.7	11208.9	11471.9	11680.5	11868.7	12029.3	12155.2	12259.8
-42.5°	9256.5	9666.0	10044.2	10380.5	10687.7	10955.5	11180.5	11383.0	11547.6	11679.7	11789.3
-45°	8658.8	9071.9	9454.8	9787.6	10098.2	10365.7	10606.5	10822.7	10991.1	11132.6	11249.7
-47.5°	7996.8	8424.2	8799.1	9142.1	9453.1	9718.9	9960.9	10175.0	10350.5	10500.9	10625.2
-50°	7271.6	7705.3	8081.4	8434.0	8738.7	9011.0	9258.4	9469.7	9645.1	9795.3	9919.3
-52.5°	6477.7	6896.9	7290.6	7650.3	7953.1	8231.3	8483.7	8691.3	8869.9	9022.4	9148.3
-55°	5636.8	6040.5	6420.7	6764.7	7079.6	7368.6	7624.8	7831.7	8012.9	8167.6	8295.1
-57.5°	4803.7	5164.0	5505.9	5832.2	6134.2	6410.9	6655.1	6868.7	7055.5	7214.9	7346.2
-60°	4017.5	4301.5	4607.8	4896.8	5164.0	5408.7	5636.8	5840.0	6017.6	6168.9	6293.6
-62.5°	3314.0	3549.1	3791.6	4017.5	4226.1	4432.1	4632.3	4810.5	4966.1	5098.7	5207.8
-65°	2747.3	2927.6	3096.6	3253.9	3400.9	3572.6	3727.5	3865.4	3985.7	4088.2	4172.4
-67.5°	2258.8	2393.3	2519.3	2636.4	2758.5	2876.8	2983.5	3078.4	3161.2	3231.6	3289.5
-70°	1841.1	1935.1	2023.1	2112.9	2208.2	2295.2	2373.6	2443.3	2504.0	2555.7	2598.2
-72.5°	1493.3	1555.6	1618.2	1689.3	1754.8	1814.5	1868.4	1916.2	1957.8	1993.3	2022.4
-75°	1206.0	1254.8	1304.5	1350.6	1393.1	1431.9	1466.8	1497.7	1524.7	1547.7	1566.5
-77.5°	947.9	986.8	1023.2	1056.9	1088.0	1116.3	1141.7	1164.4	1184.1	1200.8	1214.5
-80°	677.8	710.3	740.7	768.9	794.8	818.4	839.7	858.6	875.0	889.0	900.4
-82.5°	422.4	444.5	465.1	484.2	501.8	517.9	532.3	545.1	556.3	565.7	573.5
-85°	209.1	219.2	228.7	237.4	245.4	252.8	259.4	265.2	270.3	274.6	278.2
-87.5°	62.7	64.5	66.2	67.9	69.3	70.7	71.9	73.0	73.9	74.7	75.3
-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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	75.8	76.2	76.4	76.5	76.4	76.2	75.8	75.3	74.7	73.9	73.0
85°	280.9	282.9	284.1	284.5	284.1	282.9	280.9	278.2	274.6	270.3	265.2
82.5°	579.6	583.9	586.5	587.4	586.5	583.9	579.6	573.5	565.7	556.3	545.1
80°	909.4	915.8	919.6	920.9	919.6	915.8	909.4	900.4	889.0	875.0	858.6
77.5°	1225.3	1232.9	1237.6	1239.1	1237.6	1232.9	1225.3	1214.5	1200.8	1184.1	1164.4
75°	1581.2	1591.8	1598.1	1600.2	1598.1	1591.8	1581.2	1566.5	1547.7	1524.7	1497.7
72.5°	2045.1	2061.4	2071.1	2074.4	2071.1	2061.4	2045.1	2022.4	1993.3	1957.8	1916.2
70°	2631.3	2655.1	2669.3	2674.1	2669.3	2655.1	2631.3	2598.2	2555.7	2504.0	2443.3
67.5°	3334.7	3367.1	3386.6	3393.1	3386.6	3367.1	3334.7	3289.5	3231.6	3161.2	3078.4
65°	4238.2	4285.4	4313.7	4323.2	4313.7	4285.4	4238.2	4172.4	4088.2	3985.7	3865.4
62.5°	5293.1	5354.2	5390.9	5403.2	5390.9	5354.2	5293.1	5207.8	5098.7	4966.1	4810.5
60°	6391.0	6460.9	6502.9	6516.9	6502.9	6460.9	6391.0	6293.6	6168.9	6017.6	5840.0
57.5°	7448.8	7522.5	7566.8	7581.6	7566.8	7522.5	7448.8	7346.2	7214.9	7055.5	6868.7
55°	8394.9	8466.5	8509.6	8524.0	8509.6	8466.5	8394.9	8295.1	8167.6	8012.9	7831.7
52.5°	9246.9	9317.7	9360.4	9374.6	9360.4	9317.7	9246.9	9148.3	9022.4	8869.9	8691.3
50°	10016.5	10086.4	10128.4	10142.5	10128.4	10086.4	10016.5	9919.3	9795.3	9645.1	9469.7
47.5°	10722.8	10792.9	10835.2	10849.3	10835.2	10792.9	10722.8	10625.2	10500.9	10350.5	10175.0
45°	11341.7	11407.9	11447.9	11461.2	11447.9	11407.9	11341.7	11249.7	11132.6	10991.1	10822.7
42.5°	11875.5	11937.5	11975.0	11987.5	11975.0	11937.5	11875.5	11789.3	11679.7	11547.6	11383.0
40°	12342.1	12401.5	12437.4	12449.4	12437.4	12401.5	12342.1	12259.8	12155.2	12029.3	11868.7
37.5°	12744.0	12799.4	12832.9	12844.1	12832.9	12799.4	12744.0	12667.2	12570.0	12453.3	12295.8
35°	13082.8	13133.6	13164.3	13174.6	13164.3	13133.6	13082.8	13012.7	12924.1	12812.8	12666.4
32.5°	13370.4	13417.7	13446.5	13456.1	13446.5	13417.7	13370.4	13305.0	13222.6	13115.5	12982.7
30°	13606.6	13648.5	13674.0	13682.5	13674.0	13648.5	13606.6	13548.9	13476.5	13374.4	13251.6
27.5°	13794.1	13830.4	13852.5	13859.9	13852.5	13830.4	13794.1	13744.4	13682.1	13588.1	13481.0
25°	13917.4	13939.6	13953.2	13957.8	13953.2	13939.6	13917.4	13887.1	13840.7	13760.2	13665.3
22.5°	13971.0	13977.2	13981.0	13982.3	13981.0	13977.2	13971.0	13962.5	13935.1	13886.4	13808.6
20°	13975.0	13970.6	13967.9	13967.0	13967.9	13970.6	13975.0	13980.9	13973.0	13959.6	13905.4
17.5°	13949.8	13935.8	13927.1	13924.2	13927.1	13935.8	13949.8	13967.5	13975.5	13978.4	13962.2
15°	13907.3	13886.6	13873.6	13869.1	13873.6	13886.6	13907.3	13932.1	13957.3	13973.7	13978.4
12.5°	13859.7	13836.8	13822.2	13817.1	13822.2	13836.8	13859.7	13890.2	13926.0	13957.3	13975.5
10°	13816.8	13797.6	13784.9	13780.4	13784.9	13797.6	13816.8	13850.5	13890.2	13932.1	13967.5
7.5°	13789.1	13771.9	13762.4	13758.9	13762.4	13771.9	13789.1	13816.8	13859.7	13907.3	13949.8
5°	13771.9	13754.7	13740.2	13734.5	13740.2	13754.7	13771.9	13797.6	13836.8	13886.6	13935.8
2.5°	13762.4	13740.2	13718.3	13706.9	13718.3	13740.2	13762.4	13784.9	13822.2	13873.6	13927.1
0°	13758.9	13734.5	13706.9	13710.0	13706.9	13734.5	13758.9	13780.4	13817.1	13869.1	13924.2
-2.5°	13762.4	13740.2	13718.3	13706.9	13718.3	13740.2	13762.4	13784.9	13822.2	13873.6	13927.1
-5°	13771.9	13754.7	13740.2	13734.5	13740.2	13754.7	13771.9	13797.6	13836.8	13886.6	13935.8
-7.5°	13789.1	13771.9	13762.4	13758.9	13762.4	13771.9	13789.1	13816.8	13859.7	13907.3	13949.8
-10°	13816.8	13797.6	13784.9	13780.4	13784.9	13797.6	13816.8	13850.5	13890.2	13932.1	13967.5
-12.5°	13859.7	13836.8	13822.2	13817.1	13822.2	13836.8	13859.7	13890.2	13926.0	13957.3	13975.5
-15°	13907.3	13886.6	13873.6	13869.1	13873.6	13886.6	13907.3	13932.1	13957.3	13973.7	13978.4
-17.5°	13949.8	13935.8	13927.1	13924.2	13927.1	13935.8	13949.8	13967.5	13975.5	13978.4	13962.2
-20°	13975.0	13970.6	13967.9	13967.0	13967.9	13970.6	13975.0	13980.9	13973.0	13959.6	13905.4



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	13971.0	13977.2	13981.0	13982.3	13981.0	13977.2	13971.0	13962.5	13935.1	13886.4	13808.6
-25°	13917.4	13939.6	13953.2	13957.8	13953.2	13939.6	13917.4	13887.1	13840.7	13760.2	13665.3
-27.5°	13794.1	13830.4	13852.5	13859.9	13852.5	13830.4	13794.1	13744.4	13682.1	13588.1	13481.0
-30°	13606.6	13648.5	13674.0	13682.5	13674.0	13648.5	13606.6	13548.9	13476.5	13374.4	13251.6
-32.5°	13370.4	13417.7	13446.5	13456.1	13446.5	13417.7	13370.4	13305.0	13222.6	13115.5	12982.7
-35°	13082.8	13133.6	13164.3	13174.6	13164.3	13133.6	13082.8	13012.7	12924.1	12812.8	12666.4
-37.5°	12744.0	12799.4	12832.9	12844.1	12832.9	12799.4	12744.0	12667.2	12570.0	12453.3	12295.8
-40°	12342.1	12401.5	12437.4	12449.4	12437.4	12401.5	12342.1	12259.8	12155.2	12029.3	11868.7
-42.5°	11875.5	11937.5	11975.0	11987.5	11975.0	11937.5	11875.5	11789.3	11679.7	11547.6	11383.0
-45°	11341.7	11407.9	11447.9	11461.2	11447.9	11407.9	11341.7	11249.7	11132.6	10991.1	10822.7
-47.5°	10722.8	10792.9	10835.2	10849.3	10835.2	10792.9	10722.8	10625.2	10500.9	10350.5	10175.0
-50°	10016.5	10086.4	10128.4	10142.5	10128.4	10086.4	10016.5	9919.3	9795.3	9645.1	9469.7
-52.5°	9246.9	9317.7	9360.4	9374.6	9360.4	9317.7	9246.9	9148.3	9022.4	8869.9	8691.3
-55°	8394.9	8466.5	8509.6	8524.0	8509.6	8466.5	8394.9	8295.1	8167.6	8012.9	7831.7
-57.5°	7448.8	7522.5	7566.8	7581.6	7566.8	7522.5	7448.8	7346.2	7214.9	7055.5	6868.7
-60°	6391.0	6460.9	6502.9	6516.9	6502.9	6460.9	6391.0	6293.6	6168.9	6017.6	5840.0
-62.5°	5293.1	5354.2	5390.9	5403.2	5390.9	5354.2	5293.1	5207.8	5098.7	4966.1	4810.5
-65°	4238.2	4285.4	4313.7	4323.2	4313.7	4285.4	4238.2	4172.4	4088.2	3985.7	3865.4
-67.5°	3334.7	3367.1	3386.6	3393.1	3386.6	3367.1	3334.7	3289.5	3231.6	3161.2	3078.4
-70°	2631.3	2655.1	2669.3	2674.1	2669.3	2655.1	2631.3	2598.2	2555.7	2504.0	2443.3
-72.5°	2045.1	2061.4	2071.1	2074.4	2071.1	2061.4	2045.1	2022.4	1993.3	1957.8	1916.2
-75°	1581.2	1591.8	1598.1	1600.2	1598.1	1591.8	1581.2	1566.5	1547.7	1524.7	1497.7
-77.5°	1225.3	1232.9	1237.6	1239.1	1237.6	1232.9	1225.3	1214.5	1200.8	1184.1	1164.4
-80°	909.4	915.8	919.6	920.9	919.6	915.8	909.4	900.4	889.0	875.0	858.6
-82.5°	579.6	583.9	586.5	587.4	586.5	583.9	579.6	573.5	565.7	556.3	545.1
-85°	280.9	282.9	284.1	284.5	284.1	282.9	280.9	278.2	274.6	270.3	265.2
-87.5°	75.8	76.2	76.4	76.5	76.4	76.2	75.8	75.3	74.7	73.9	73.0
-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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	71.9	70.7	69.3	67.9	66.2	64.5	62.7	60.7	58.6	56.4	54.1
85°	259.4	252.8	245.4	237.4	228.7	219.2	209.1	198.4	187.0	175.0	162.5
82.5°	532.3	517.9	501.8	484.2	465.1	444.5	422.4	398.9	374.0	347.8	320.3
80°	839.7	818.4	794.8	768.9	740.7	710.3	677.8	643.2	606.6	569.9	533.2
77.5°	1141.7	1116.3	1088.0	1056.9	1023.2	986.8	947.9	905.9	860.0	811.8	761.3
75°	1466.8	1431.9	1393.1	1350.6	1304.5	1254.8	1206.0	1156.3	1103.6	1048.3	990.3
72.5°	1868.4	1814.5	1754.8	1689.3	1618.2	1555.6	1493.3	1427.1	1357.2	1283.7	1210.7
70°	2373.6	2295.2	2208.2	2112.9	2023.1	1935.1	1841.1	1741.4	1636.0	1543.2	1455.1
67.5°	2983.5	2876.8	2758.5	2636.4	2519.3	2393.3	2258.8	2116.2	1988.4	1863.5	1732.9
65°	3727.5	3572.6	3400.9	3253.9	3096.6	2927.6	2747.3	2575.7	2407.7	2231.5	2053.1
62.5°	4632.3	4432.1	4226.1	4017.5	3791.6	3549.1	3314.0	3102.5	2879.7	2650.9	2447.8
60°	5636.8	5408.7	5164.0	4896.8	4607.8	4301.5	4017.5	3717.0	3400.9	3143.4	2876.8
57.5°	6655.1	6410.9	6134.2	5832.2	5505.9	5164.0	4803.7	4423.0	4064.7	3704.5	3344.0
55°	7624.8	7368.6	7079.6	6764.7	6420.7	6040.5	5636.8	5216.6	4783.1	4330.5	3924.2
52.5°	8483.7	8231.3	7953.1	7650.3	7290.6	6896.9	6477.7	6017.6	5535.4	5043.9	4537.8
50°	9258.4	9011.0	8738.7	8434.0	8081.4	7705.3	7271.6	6798.4	6293.6	5754.5	5201.9
47.5°	9960.9	9718.9	9453.1	9142.1	8799.1	8424.2	7996.8	7543.5	7013.8	6460.9	5864.8
45°	10606.5	10365.7	10098.2	9787.6	9454.8	9071.9	8658.8	8193.8	7693.8	7122.4	6516.9
42.5°	11180.5	10955.5	10687.7	10380.5	10044.2	9666.0	9256.5	8795.3	8293.1	7742.8	7122.4
40°	11680.5	11471.9	11208.9	10923.7	10583.8	10212.1	9794.3	9349.6	8841.1	8293.1	7693.8
37.5°	12117.3	11910.7	11666.2	11394.1	11069.1	10707.4	10293.0	9837.4	9349.6	8795.3	8193.8
35°	12501.7	12298.4	12068.2	11798.4	11500.5	11142.7	10749.0	10293.0	9794.3	9256.5	8658.8
32.5°	12831.9	12636.8	12421.9	12158.6	11865.4	11533.1	11142.7	10707.4	10212.1	9666.0	9071.9
30°	13104.4	12928.7	12719.4	12479.4	12189.0	11865.4	11500.5	11069.1	10583.8	10044.2	9454.8
27.5°	13339.2	13178.4	12976.9	12747.2	12479.4	12158.6	11798.4	11394.1	10923.7	10380.5	9787.6
25°	13536.8	13383.8	13199.9	12976.9	12719.4	12421.9	12068.2	11666.2	11208.9	10687.7	10098.2
22.5°	13699.9	13555.7	13383.8	13178.4	12928.7	12636.8	12298.4	11910.7	11471.9	10955.5	10365.7
20°	13825.1	13699.9	13536.8	13339.2	13104.4	12831.9	12501.7	12117.3	11680.5	11180.5	10606.5
17.5°	13905.4	13808.6	13665.3	13481.0	13251.6	12982.7	12666.4	12295.8	11868.7	11383.0	10822.7
15°	13959.6	13886.4	13760.2	13588.1	13374.4	13115.5	12812.8	12453.3	12029.3	11547.6	10991.1
12.5°	13973.0	13935.1	13840.7	13682.1	13476.5	13222.6	12924.1	12570.0	12155.2	11679.7	11132.6
10°	13980.9	13962.5	13887.1	13744.4	13548.9	13305.0	13012.7	12667.2	12259.8	11789.3	11249.7
7.5°	13975.0	13971.0	13917.4	13794.1	13606.6	13370.4	13082.8	12744.0	12342.1	11875.5	11341.7
5°	13970.6	13977.2	13939.6	13830.4	13648.5	13417.7	13133.6	12799.4	12401.5	11937.5	11407.9
2.5°	13967.9	13981.0	13953.2	13852.5	13674.0	13446.5	13164.3	12832.9	12437.4	11975.0	11447.9
0°	13967.0	13982.3	13957.8	13859.9	13682.5	13456.1	13174.6	12844.1	12449.4	11987.5	11461.2
-2.5°	13967.9	13981.0	13953.2	13852.5	13674.0	13446.5	13164.3	12832.9	12437.4	11975.0	11447.9
-5°	13970.6	13977.2	13939.6	13830.4	13648.5	13417.7	13133.6	12799.4	12401.5	11937.5	11407.9
-7.5°	13975.0	13971.0	13917.4	13794.1	13606.6	13370.4	13082.8	12744.0	12342.1	11875.5	11341.7
-10°	13980.9	13962.5	13887.1	13744.4	13548.9	13305.0	13012.7	12667.2	12259.8	11789.3	11249.7
-12.5°	13973.0	13935.1	13840.7	13682.1	13476.5	13222.6	12924.1	12570.0	12155.2	11679.7	11132.6
-15°	13959.6	13886.4	13760.2	13588.1	13374.4	13115.5	12812.8	12453.3	12029.3	11547.6	10991.1
-17.5°	13905.4	13808.6	13665.3	13481.0	13251.6	12982.7	12666.4	12295.8	11868.7	11383.0	10822.7
-20°	13825.1	13699.9	13536.8	13339.2	13104.4	12831.9	12501.7	12117.3	11680.5	11180.5	10606.5



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	13699.9	13555.7	13383.8	13178.4	12928.7	12636.8	12298.4	11910.7	11471.9	10955.5	10365.7
-25°	13536.8	13383.8	13199.9	12976.9	12719.4	12421.9	12068.2	11666.2	11208.9	10687.7	10098.2
-27.5°	13339.2	13178.4	12976.9	12747.2	12479.4	12158.6	11798.4	11394.1	10923.7	10380.5	9787.6
-30°	13104.4	12928.7	12719.4	12479.4	12189.0	11865.4	11500.5	11069.1	10583.8	10044.2	9454.8
-32.5°	12831.9	12636.8	12421.9	12158.6	11865.4	11533.1	11142.7	10707.4	10212.1	9666.0	9071.9
-35°	12501.7	12298.4	12068.2	11798.4	11500.5	11142.7	10749.0	10293.0	9794.3	9256.5	8658.8
-37.5°	12117.3	11910.7	11666.2	11394.1	11069.1	10707.4	10293.0	9837.4	9349.6	8795.3	8193.8
-40°	11680.5	11471.9	11208.9	10923.7	10583.8	10212.1	9794.3	9349.6	8841.1	8293.1	7693.8
-42.5°	11180.5	10955.5	10687.7	10380.5	10044.2	9666.0	9256.5	8795.3	8293.1	7742.8	7122.4
-45°	10606.5	10365.7	10098.2	9787.6	9454.8	9071.9	8658.8	8193.8	7693.8	7122.4	6516.9
-47.5°	9960.9	9718.9	9453.1	9142.1	8799.1	8424.2	7996.8	7543.5	7013.8	6460.9	5864.8
-50°	9258.4	9011.0	8738.7	8434.0	8081.4	7705.3	7271.6	6798.4	6293.6	5754.5	5201.9
-52.5°	8483.7	8231.3	7953.1	7650.3	7290.6	6896.9	6477.7	6017.6	5535.4	5043.9	4537.8
-55°	7624.8	7368.6	7079.6	6764.7	6420.7	6040.5	5636.8	5216.6	4783.1	4330.5	3924.2
-57.5°	6655.1	6410.9	6134.2	5832.2	5505.9	5164.0	4803.7	4423.0	4064.7	3704.5	3344.0
-60°	5636.8	5408.7	5164.0	4896.8	4607.8	4301.5	4017.5	3717.0	3400.9	3143.4	2876.8
-62.5°	4632.3	4432.1	4226.1	4017.5	3791.6	3549.1	3314.0	3102.5	2879.7	2650.9	2447.8
-65°	3727.5	3572.6	3400.9	3253.9	3096.6	2927.6	2747.3	2575.7	2407.7	2231.5	2053.1
-67.5°	2983.5	2876.8	2758.5	2636.4	2519.3	2393.3	2258.8	2116.2	1988.4	1863.5	1732.9
-70°	2373.6	2295.2	2208.2	2112.9	2023.1	1935.1	1841.1	1741.4	1636.0	1543.2	1455.1
-72.5°	1868.4	1814.5	1754.8	1689.3	1618.2	1555.6	1493.3	1427.1	1357.2	1283.7	1210.7
-75°	1466.8	1431.9	1393.1	1350.6	1304.5	1254.8	1206.0	1156.3	1103.6	1048.3	990.3
-77.5°	1141.7	1116.3	1088.0	1056.9	1023.2	986.8	947.9	905.9	860.0	811.8	761.3
-80°	839.7	818.4	794.8	768.9	740.7	710.3	677.8	643.2	606.6	569.9	533.2
-82.5°	532.3	517.9	501.8	484.2	465.1	444.5	422.4	398.9	374.0	347.8	320.3
-85°	259.4	252.8	245.4	237.4	228.7	219.2	209.1	198.4	187.0	175.0	162.5
-87.5°	71.9	70.7	69.3	67.9	66.2	64.5	62.7	60.7	58.6	56.4	54.1
-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: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	51.7	49.2	46.6	43.9	41.1	38.2	35.3	32.3	29.3	26.2	23.0
85°	149.4	135.7	121.5	106.9	91.8	76.4	70.6	64.6	58.5	52.3	46.0
82.5°	291.7	268.9	247.7	225.7	203.1	179.8	156.0	131.6	106.7	81.4	68.8
80°	495.0	455.2	413.9	371.3	327.3	282.9	251.1	218.7	185.5	151.8	117.5
77.5°	708.6	653.7	596.9	542.7	487.8	431.4	373.6	314.6	263.8	221.7	179.0
75°	929.8	864.4	796.2	725.8	653.3	579.6	510.3	439.5	367.4	294.0	239.9
72.5°	1140.0	1066.6	990.6	911.8	827.3	740.5	651.6	563.3	479.3	393.9	307.3
70°	1363.3	1268.0	1177.7	1088.1	995.9	900.4	799.1	695.6	590.2	492.6	393.9
67.5°	1597.8	1490.4	1379.4	1265.0	1158.3	1052.1	943.5	828.5	710.3	590.2	479.3
65°	1901.7	1744.9	1587.0	1459.9	1329.3	1200.8	1080.4	957.6	828.5	695.6	563.3
62.5°	2236.8	2030.0	1851.6	1668.1	1508.5	1361.7	1215.0	1080.4	943.5	799.1	651.6
60°	2612.4	2373.6	2127.4	1916.2	1711.0	1524.7	1361.7	1200.8	1052.1	900.4	740.5
57.5°	3043.4	2732.9	2456.3	2182.3	1937.8	1711.0	1508.5	1329.3	1158.3	995.9	827.3
55°	3504.4	3144.2	2799.7	2484.0	2182.3	1916.2	1668.1	1459.9	1265.0	1088.1	911.8
52.5°	4057.1	3592.4	3178.0	2799.7	2456.3	2127.4	1851.6	1587.0	1379.4	1177.7	990.6
50°	4642.1	4101.6	3592.4	3144.2	2732.9	2373.6	2030.0	1744.9	1490.4	1268.0	1066.6
47.5°	5254.8	4642.1	4057.1	3504.4	3043.4	2612.4	2236.8	1901.7	1597.8	1363.3	1140.0
45°	5864.8	5201.9	4537.8	3924.2	3344.0	2876.8	2447.8	2053.1	1732.9	1455.1	1210.7
42.5°	6460.9	5754.5	5043.9	4330.5	3704.5	3143.4	2650.9	2231.5	1863.5	1543.2	1283.7
40°	7013.8	6293.6	5535.4	4783.1	4064.7	3400.9	2879.7	2407.7	1988.4	1636.0	1357.2
37.5°	7543.5	6798.4	6017.6	5216.6	4423.0	3717.0	3102.5	2575.7	2116.2	1741.4	1427.1
35°	7996.8	7271.6	6477.7	5636.8	4803.7	4017.5	3314.0	2747.3	2258.8	1841.1	1493.3
32.5°	8424.2	7705.3	6896.9	6040.5	5164.0	4301.5	3549.1	2927.6	2393.3	1935.1	1555.6
30°	8799.1	8081.4	7290.6	6420.7	5505.9	4607.8	3791.6	3096.6	2519.3	2023.1	1618.2
27.5°	9142.1	8434.0	7650.3	6764.7	5832.2	4896.8	4017.5	3253.9	2636.4	2112.9	1689.3
25°	9453.1	8738.7	7953.1	7079.6	6134.2	5164.0	4226.1	3400.9	2758.5	2208.2	1754.8
22.5°	9718.9	9011.0	8231.3	7368.6	6410.9	5408.7	4432.1	3572.6	2876.8	2295.2	1814.5
20°	9960.9	9258.4	8483.7	7624.8	6655.1	5636.8	4632.3	3727.5	2983.5	2373.6	1868.4
17.5°	10175.0	9469.7	8691.3	7831.7	6868.7	5840.0	4810.5	3865.4	3078.4	2443.3	1916.2
15°	10350.5	9645.1	8869.9	8012.9	7055.5	6017.6	4966.1	3985.7	3161.2	2504.0	1957.8
12.5°	10500.9	9795.3	9022.4	8167.6	7214.9	6168.9	5098.7	4088.2	3231.6	2555.7	1993.3
10°	10625.2	9919.3	9148.3	8295.1	7346.2	6293.6	5207.8	4172.4	3289.5	2598.2	2022.4
7.5°	10722.8	10016.5	9246.9	8394.9	7448.8	6391.0	5293.1	4238.2	3334.7	2631.3	2045.1
5°	10792.9	10086.4	9317.7	8466.5	7522.5	6460.9	5354.2	4285.4	3367.1	2655.1	2061.4
2.5°	10835.2	10128.4	9360.4	8509.6	7566.8	6502.9	5390.9	4313.7	3386.6	2669.3	2071.1
0°	10849.3	10142.5	9374.6	8524.0	7581.6	6516.9	5403.2	4323.2	3393.1	2674.1	2074.4
-2.5°	10835.2	10128.4	9360.4	8509.6	7566.8	6502.9	5390.9	4313.7	3386.6	2669.3	2071.1
-5°	10792.9	10086.4	9317.7	8466.5	7522.5	6460.9	5354.2	4285.4	3367.1	2655.1	2061.4
-7.5°	10722.8	10016.5	9246.9	8394.9	7448.8	6391.0	5293.1	4238.2	3334.7	2631.3	2045.1
-10°	10625.2	9919.3	9148.3	8295.1	7346.2	6293.6	5207.8	4172.4	3289.5	2598.2	2022.4
-12.5°	10500.9	9795.3	9022.4	8167.6	7214.9	6168.9	5098.7	4088.2	3231.6	2555.7	1993.3
-15°	10350.5	9645.1	8869.9	8012.9	7055.5	6017.6	4966.1	3985.7	3161.2	2504.0	1957.8
-17.5°	10175.0	9469.7	8691.3	7831.7	6868.7	5840.0	4810.5	3865.4	3078.4	2443.3	1916.2
-20°	9960.9	9258.4	8483.7	7624.8	6655.1	5636.8	4632.3	3727.5	2983.5	2373.6	1868.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9718.9	9011.0	8231.3	7368.6	6410.9	5408.7	4432.1	3572.6	2876.8	2295.2	1814.5
-25°	9453.1	8738.7	7953.1	7079.6	6134.2	5164.0	4226.1	3400.9	2758.5	2208.2	1754.8
-27.5°	9142.1	8434.0	7650.3	6764.7	5832.2	4896.8	4017.5	3253.9	2636.4	2112.9	1689.3
-30°	8799.1	8081.4	7290.6	6420.7	5505.9	4607.8	3791.6	3096.6	2519.3	2023.1	1618.2
-32.5°	8424.2	7705.3	6896.9	6040.5	5164.0	4301.5	3549.1	2927.6	2393.3	1935.1	1555.6
-35°	7996.8	7271.6	6477.7	5636.8	4803.7	4017.5	3314.0	2747.3	2258.8	1841.1	1493.3
-37.5°	7543.5	6798.4	6017.6	5216.6	4423.0	3717.0	3102.5	2575.7	2116.2	1741.4	1427.1
-40°	7013.8	6293.6	5535.4	4783.1	4064.7	3400.9	2879.7	2407.7	1988.4	1636.0	1357.2
-42.5°	6460.9	5754.5	5043.9	4330.5	3704.5	3143.4	2650.9	2231.5	1863.5	1543.2	1283.7
-45°	5864.8	5201.9	4537.8	3924.2	3344.0	2876.8	2447.8	2053.1	1732.9	1455.1	1210.7
-47.5°	5254.8	4642.1	4057.1	3504.4	3043.4	2612.4	2236.8	1901.7	1597.8	1363.3	1140.0
-50°	4642.1	4101.6	3592.4	3144.2	2732.9	2373.6	2030.0	1744.9	1490.4	1268.0	1066.6
-52.5°	4057.1	3592.4	3178.0	2799.7	2456.3	2127.4	1851.6	1587.0	1379.4	1177.7	990.6
-55°	3504.4	3144.2	2799.7	2484.0	2182.3	1916.2	1668.1	1459.9	1265.0	1088.1	911.8
-57.5°	3043.4	2732.9	2456.3	2182.3	1937.8	1711.0	1508.5	1329.3	1158.3	995.9	827.3
-60°	2612.4	2373.6	2127.4	1916.2	1711.0	1524.7	1361.7	1200.8	1052.1	900.4	740.5
-62.5°	2236.8	2030.0	1851.6	1668.1	1508.5	1361.7	1215.0	1080.4	943.5	799.1	651.6
-65°	1901.7	1744.9	1587.0	1459.9	1329.3	1200.8	1080.4	957.6	828.5	695.6	563.3
-67.5°	1597.8	1490.4	1379.4	1265.0	1158.3	1052.1	943.5	828.5	710.3	590.2	479.3
-70°	1363.3	1268.0	1177.7	1088.1	995.9	900.4	799.1	695.6	590.2	492.6	393.9
-72.5°	1140.0	1066.6	990.6	911.8	827.3	740.5	651.6	563.3	479.3	393.9	307.3
-75°	929.8	864.4	796.2	725.8	653.3	579.6	510.3	439.5	367.4	294.0	239.9
-77.5°	708.6	653.7	596.9	542.7	487.8	431.4	373.6	314.6	263.8	221.7	179.0
-80°	495.0	455.2	413.9	371.3	327.3	282.9	251.1	218.7	185.5	151.8	117.5
-82.5°	291.7	268.9	247.7	225.7	203.1	179.8	156.0	131.6	106.7	81.4	68.8
-85°	149.4	135.7	121.5	106.9	91.8	76.4	70.6	64.6	58.5	52.3	46.0
-87.5°	51.7	49.2	46.6	43.9	41.1	38.2	35.3	32.3	29.3	26.2	23.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.8	16.6	13.3	10.0	6.7	3.3	0.0
85°	39.6	33.1	26.5	19.9	13.3	6.7	0.0
82.5°	59.2	49.5	39.7	29.9	19.9	10.0	0.0
80°	82.8	65.9	52.9	39.7	26.5	13.3	0.0
77.5°	135.7	91.9	65.9	49.5	33.1	16.6	0.0
75°	188.1	135.7	82.8	59.2	39.6	19.8	0.0
72.5°	239.9	179.0	117.5	68.8	46.0	23.0	0.0
70°	294.0	221.7	151.8	81.4	52.3	26.2	0.0
67.5°	367.4	263.8	185.5	106.7	58.5	29.3	0.0
65°	439.5	314.6	218.7	131.6	64.6	32.3	0.0
62.5°	510.3	373.6	251.1	156.0	70.6	35.3	0.0
60°	579.6	431.4	282.9	179.8	76.4	38.2	0.0
57.5°	653.3	487.8	327.3	203.1	91.8	41.1	0.0
55°	725.8	542.7	371.3	225.7	106.9	43.9	0.0
52.5°	796.2	596.9	413.9	247.7	121.5	46.6	0.0
50°	864.4	653.7	455.2	268.9	135.7	49.2	0.0
47.5°	929.8	708.6	495.0	291.7	149.4	51.7	0.0
45°	990.3	761.3	533.2	320.3	162.5	54.1	0.0
42.5°	1048.3	811.8	569.9	347.8	175.0	56.4	0.0
40°	1103.6	860.0	606.6	374.0	187.0	58.6	0.0
37.5°	1156.3	905.9	643.2	398.9	198.4	60.7	0.0
35°	1206.0	947.9	677.8	422.4	209.1	62.7	0.0
32.5°	1254.8	986.8	710.3	444.5	219.2	64.5	0.0
30°	1304.5	1023.2	740.7	465.1	228.7	66.2	0.0
27.5°	1350.6	1056.9	768.9	484.2	237.4	67.9	0.0
25°	1393.1	1088.0	794.8	501.8	245.4	69.3	0.0
22.5°	1431.9	1116.3	818.4	517.9	252.8	70.7	0.0
20°	1466.8	1141.7	839.7	532.3	259.4	71.9	0.0
17.5°	1497.7	1164.4	858.6	545.1	265.2	73.0	0.0
15°	1524.7	1184.1	875.0	556.3	270.3	73.9	0.0
12.5°	1547.7	1200.8	889.0	565.7	274.6	74.7	0.0
10°	1566.5	1214.5	900.4	573.5	278.2	75.3	0.0
7.5°	1581.2	1225.3	909.4	579.6	280.9	75.8	0.0
5°	1591.8	1232.9	915.8	583.9	282.9	76.2	0.0
2.5°	1598.1	1237.6	919.6	586.5	284.1	76.4	0.0
0°	1600.2	1239.1	920.9	587.4	284.5	76.5	0.0
-2.5°	1598.1	1237.6	919.6	586.5	284.1	76.4	0.0
-5°	1591.8	1232.9	915.8	583.9	282.9	76.2	0.0
-7.5°	1581.2	1225.3	909.4	579.6	280.9	75.8	0.0
-10°	1566.5	1214.5	900.4	573.5	278.2	75.3	0.0
-12.5°	1547.7	1200.8	889.0	565.7	274.6	74.7	0.0
-15°	1524.7	1184.1	875.0	556.3	270.3	73.9	0.0
-17.5°	1497.7	1164.4	858.6	545.1	265.2	73.0	0.0
-20°	1466.8	1141.7	839.7	532.3	259.4	71.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1431.9	1116.3	818.4	517.9	252.8	70.7	0.0
-25°	1393.1	1088.0	794.8	501.8	245.4	69.3	0.0
-27.5°	1350.6	1056.9	768.9	484.2	237.4	67.9	0.0
-30°	1304.5	1023.2	740.7	465.1	228.7	66.2	0.0
-32.5°	1254.8	986.8	710.3	444.5	219.2	64.5	0.0
-35°	1206.0	947.9	677.8	422.4	209.1	62.7	0.0
-37.5°	1156.3	905.9	643.2	398.9	198.4	60.7	0.0
-40°	1103.6	860.0	606.6	374.0	187.0	58.6	0.0
-42.5°	1048.3	811.8	569.9	347.8	175.0	56.4	0.0
-45°	990.3	761.3	533.2	320.3	162.5	54.1	0.0
-47.5°	929.8	708.6	495.0	291.7	149.4	51.7	0.0
-50°	864.4	653.7	455.2	268.9	135.7	49.2	0.0
-52.5°	796.2	596.9	413.9	247.7	121.5	46.6	0.0
-55°	725.8	542.7	371.3	225.7	106.9	43.9	0.0
-57.5°	653.3	487.8	327.3	203.1	91.8	41.1	0.0
-60°	579.6	431.4	282.9	179.8	76.4	38.2	0.0
-62.5°	510.3	373.6	251.1	156.0	70.6	35.3	0.0
-65°	439.5	314.6	218.7	131.6	64.6	32.3	0.0
-67.5°	367.4	263.8	185.5	106.7	58.5	29.3	0.0
-70°	294.0	221.7	151.8	81.4	52.3	26.2	0.0
-72.5°	239.9	179.0	117.5	68.8	46.0	23.0	0.0
-75°	188.1	135.7	82.8	59.2	39.6	19.8	0.0
-77.5°	135.7	91.9	65.9	49.5	33.1	16.6	0.0
-80°	82.8	65.9	52.9	39.7	26.5	13.3	0.0
-82.5°	59.2	49.5	39.7	29.9	19.9	10.0	0.0
-85°	39.6	33.1	26.5	19.9	13.3	6.7	0.0
-87.5°	19.8	16.6	13.3	10.0	6.7	3.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)