

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-740-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N53
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

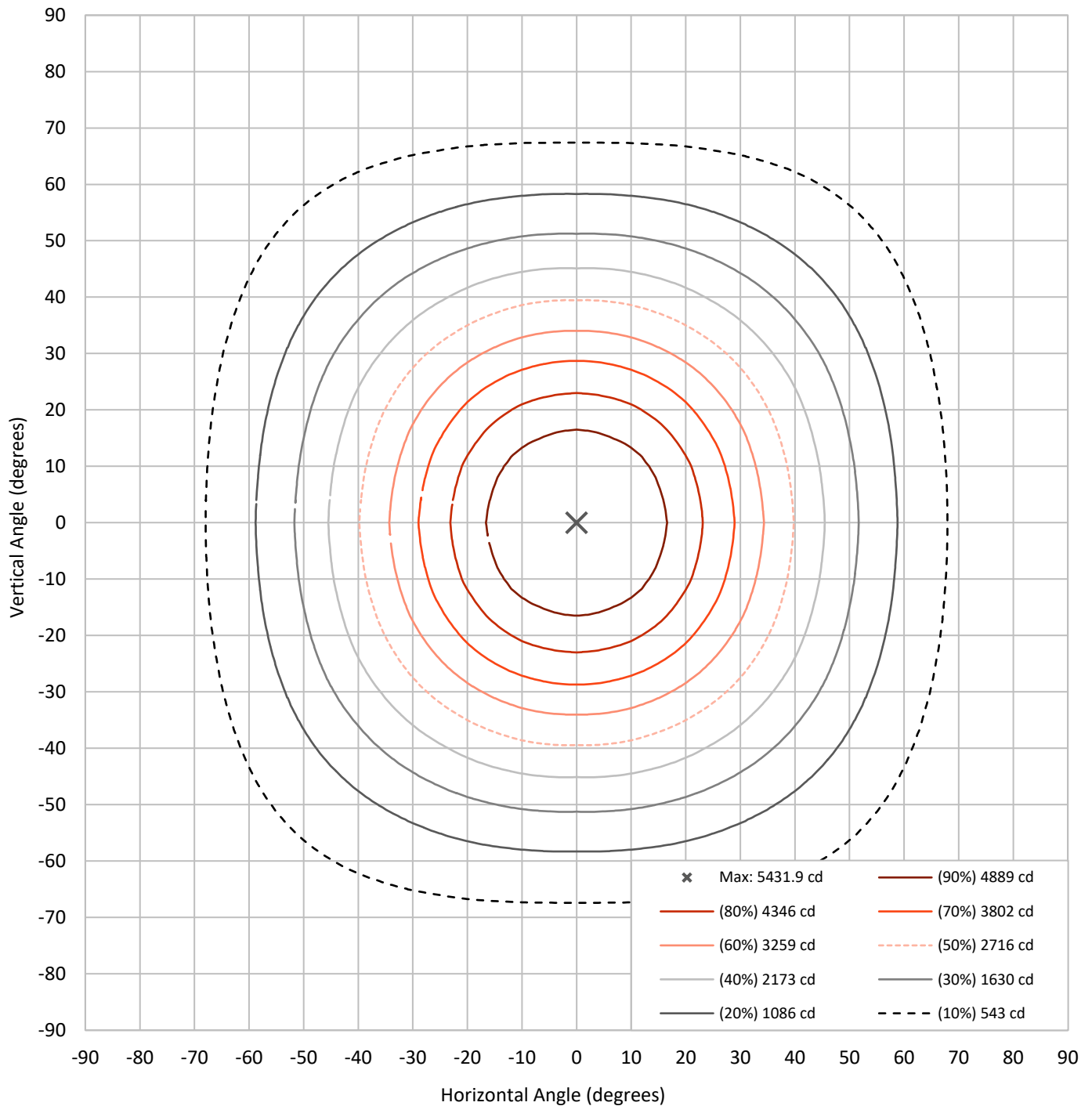
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	9817.6 lumens	Max Intensity:	5431.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	5758.1 lumens	Field Lumens:	9359.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

Iso-Candela Plot





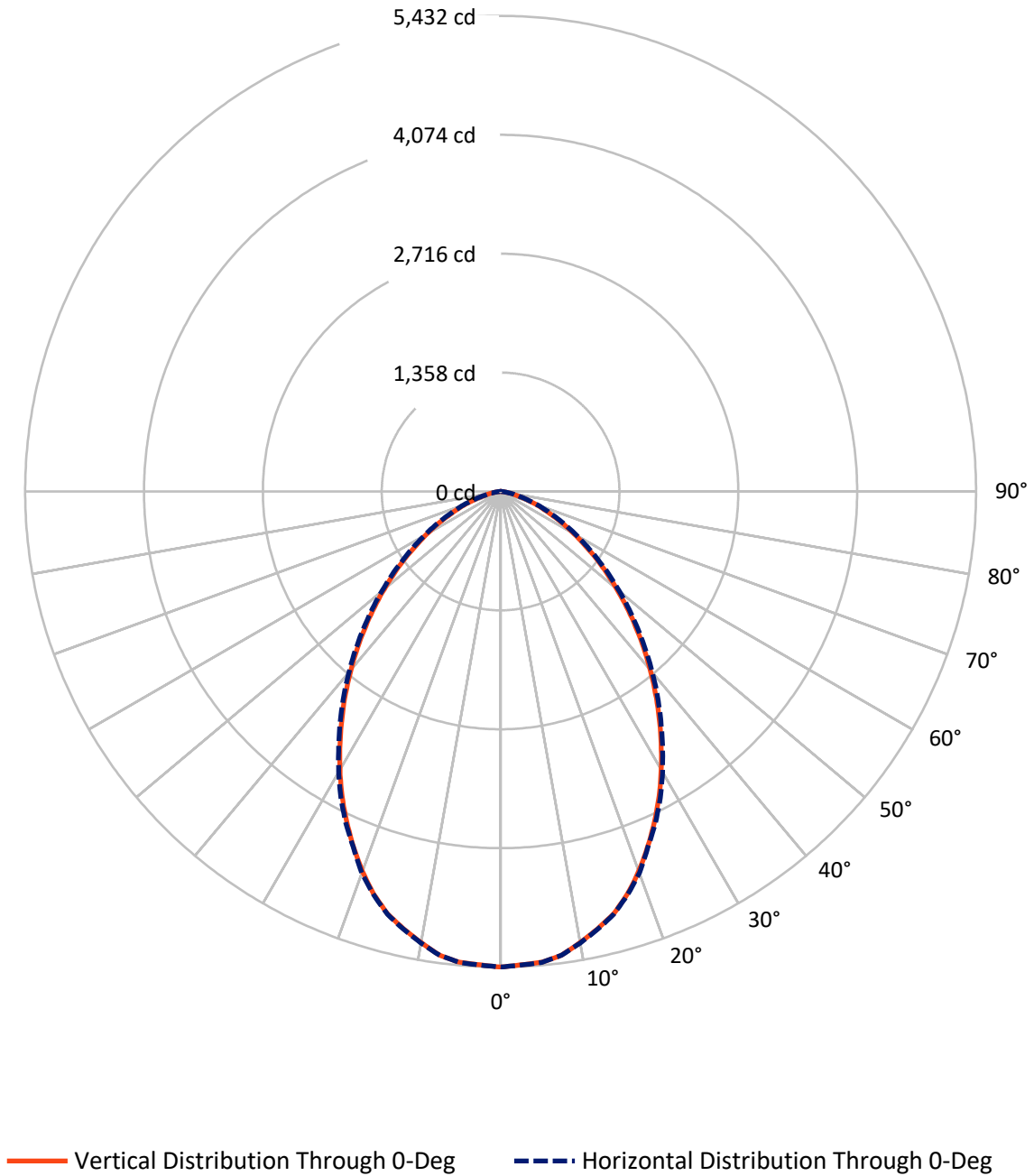
REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

Lumen Table

90																			
80	0.3		4.0		11.0		18.6		17.5		18.6		11.0		4.0		0.3		
70																			
60	1.8		2.5	5.1	8.7	12.7	16.4	19.1	20.5	20.5	19.1	16.4	12.7	8.7	5.1	2.5		1.8	
50																			
40	3.2		3.8	8.3	14.7	22.3	30.3	36.9	40.3	40.3	36.9	30.3	22.3	14.7	8.3	3.8		3.2	
30																			
20	4.1		5.1	11.9	22.0	34.9	48.4	59.7	65.9	65.9	59.7	48.4	34.9	22.0	11.9	5.1		4.1	
10																			
0	4.5		6.4	15.8	30.3	48.9	68.5	85.3	94.9	94.9	85.3	68.5	48.9	30.3	15.8	6.4		4.5	
-10																			
-20	4.1		7.7	19.5	38.2	62.2	88.3	111.1	124.2	124.2	111.1	88.3	62.2	38.2	19.5	7.7		4.1	
-30																			
-40	3.2		8.7	22.3	44.0	72.7	104.4	132.4	148.4	148.4	132.4	104.4	72.7	44.0	22.3	8.7		3.2	
-50																			
-60	1.8		9.2	23.8	47.3	78.5	113.3	143.9	160.7	160.7	143.9	113.3	78.5	47.3	23.8	9.2		1.8	
-70																			
-80	0.3		2.5	5.1	8.7	12.7	16.4	19.1	20.5	20.5	19.1	16.4	12.7	8.7	5.1	2.5		0.3	
-90																			
		-90																	
		-80																	
		-70																	
		-60																	
		-50																	
		-40																	
		-30																	
		-20																	
		-10																	
		0																	
		10																	
		20																	
		30																	
		40																	
		50																	
		60																	
		70																	
		80																	
		90																	

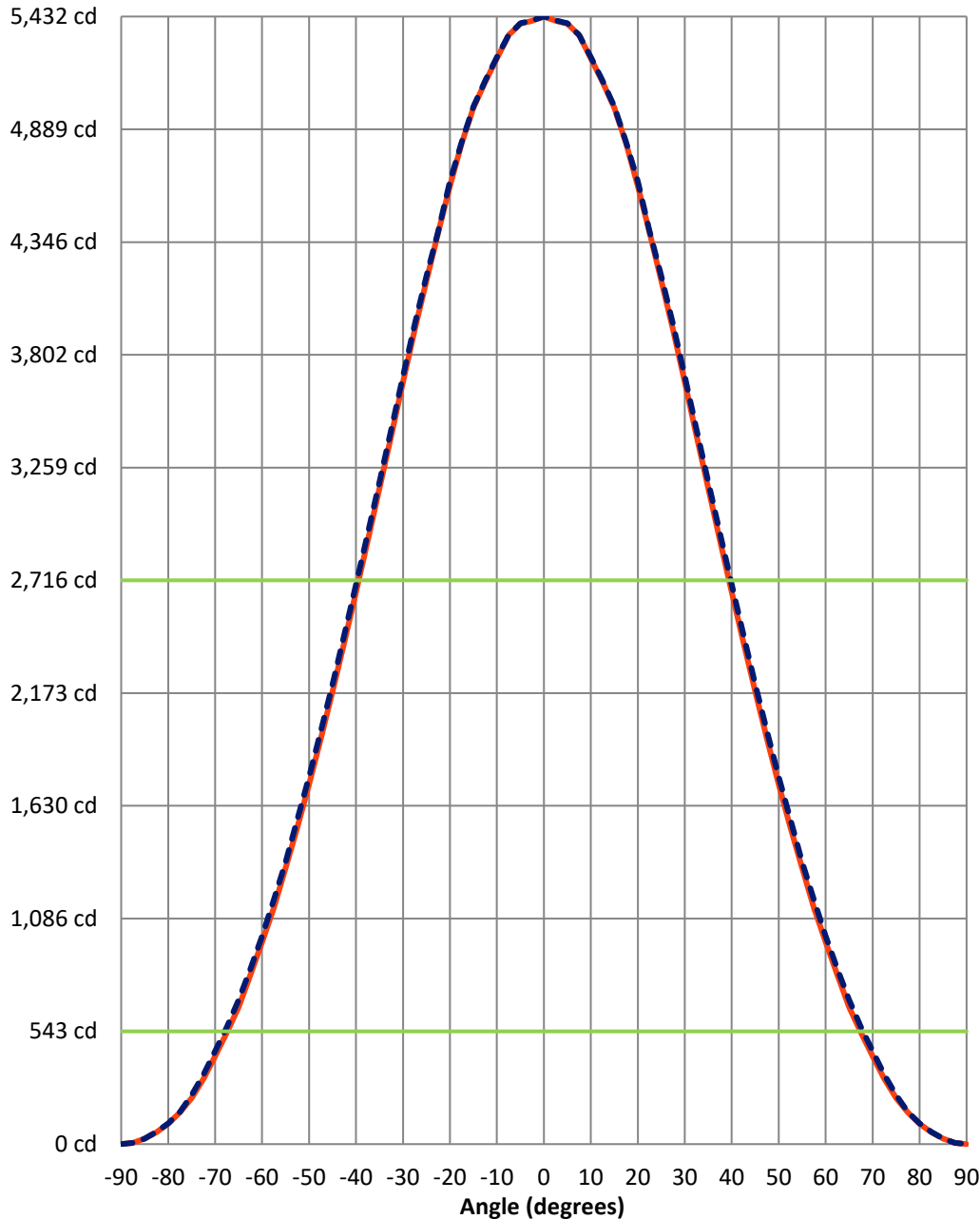
REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 5758.1
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 9359.4
 Efficiency: 95.3%

Spill:
 Lumens: 458.2
 Efficiency: 4.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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	0.3	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
85°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
82.5°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	9.1	14.4	19.4
80°	0.0	1.2	2.8	4.2	5.6	7.0	9.4	16.8	24.0	30.8	37.4
77.5°	0.0	1.5	3.5	5.2	7.0	11.0	20.6	30.0	38.7	47.2	57.6
75°	0.0	1.8	4.2	6.3	9.1	19.0	31.5	43.0	54.0	69.0	85.1
72.5°	0.0	2.1	4.8	7.3	14.5	26.8	42.1	57.0	74.2	92.6	112.0
70°	0.0	2.4	5.5	8.7	19.8	34.3	52.7	73.7	94.0	115.6	140.9
67.5°	0.0	2.7	6.1	12.0	24.8	41.5	65.4	90.1	113.4	140.7	169.7
65°	0.0	3.0	6.7	15.1	29.7	49.6	77.5	106.1	134.3	165.0	196.6
62.5°	0.0	3.2	7.3	18.1	34.2	58.4	89.0	122.7	154.6	188.3	220.7
60°	0.0	3.5	7.8	20.9	38.5	66.8	99.9	139.3	174.1	210.1	244.4
57.5°	0.0	3.7	9.4	23.6	44.2	74.7	111.3	154.7	193.3	231.4	266.9
55°	0.0	4.0	11.0	26.0	49.7	82.0	122.2	168.0	212.2	252.1	288.5
52.5°	0.0	4.2	12.4	28.3	54.8	88.9	132.2	181.9	230.6	271.1	309.6
50°	0.0	4.4	13.9	30.4	59.4	96.3	141.4	195.0	248.2	289.6	333.7
47.5°	0.0	4.6	15.2	32.6	63.7	103.0	150.0	207.2	264.0	307.4	357.4
45°	0.0	4.8	16.5	35.4	67.5	109.1	159.6	218.5	276.4	327.6	380.0
42.5°	0.0	5.0	17.8	38.0	70.9	114.5	168.4	228.8	288.2	346.9	406.6
40°	0.0	5.2	18.9	40.6	74.3	119.2	176.3	238.6	300.5	365.1	432.6
37.5°	0.0	5.3	20.0	43.2	77.7	123.2	183.5	247.9	314.2	382.2	456.9
35°	0.0	5.5	21.0	45.6	80.6	127.9	189.7	256.7	327.7	402.0	481.4
32.5°	0.0	5.6	21.9	47.8	83.0	132.5	195.6	264.8	340.7	421.0	507.4
30°	0.0	5.7	22.8	49.8	85.0	136.5	201.6	273.0	353.3	439.2	531.7
27.5°	0.0	5.8	23.5	51.7	87.9	139.8	207.0	282.6	366.3	456.5	554.2
25°	0.0	5.9	24.2	53.3	90.6	142.4	211.8	291.4	379.8	474.0	575.0
22.5°	0.0	6.0	24.8	54.8	93.0	145.1	215.9	299.5	392.2	490.7	597.2
20°	0.0	6.1	25.3	56.0	95.1	148.7	219.3	306.8	403.5	505.5	617.1
17.5°	0.0	6.1	25.8	57.1	96.9	151.6	223.5	313.2	413.5	518.6	634.7
15°	0.0	6.1	26.1	58.0	98.3	153.9	227.9	319.4	422.3	529.8	649.8
12.5°	0.0	6.2	26.4	58.6	99.4	155.5	231.5	325.1	430.2	539.1	662.5
10°	0.0	6.2	26.6	59.1	100.1	156.6	234.2	329.6	437.0	547.8	673.2
7.5°	0.0	6.2	26.7	59.4	100.5	157.0	236.1	332.7	442.2	554.8	682.4
5°	0.0	6.2	26.7	59.4	100.6	156.8	237.0	334.4	445.8	559.9	689.0
2.5°	0.0	6.1	26.6	59.3	100.4	156.0	237.1	334.8	447.7	563.0	693.0
0°	0.0	6.1	26.5	59.0	99.8	154.7	236.2	333.9	447.9	564.0	694.3
-2.5°	0.0	6.1	26.6	59.3	100.4	156.0	237.1	334.8	447.7	563.0	693.0
-5°	0.0	6.2	26.7	59.4	100.6	156.8	237.0	334.4	445.8	559.9	689.0
-7.5°	0.0	6.2	26.7	59.4	100.5	157.0	236.1	332.7	442.2	554.8	682.4
-10°	0.0	6.2	26.6	59.1	100.1	156.6	234.2	329.6	437.0	547.8	673.2
-12.5°	0.0	6.2	26.4	58.6	99.4	155.5	231.5	325.1	430.2	539.1	662.5
-15°	0.0	6.1	26.1	58.0	98.3	153.9	227.9	319.4	422.3	529.8	649.8
-17.5°	0.0	6.1	25.8	57.1	96.9	151.6	223.5	313.2	413.5	518.6	634.7
-20°	0.0	6.1	25.3	56.0	95.1	148.7	219.3	306.8	403.5	505.5	617.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.0	24.8	54.8	93.0	145.1	215.9	299.5	392.2	490.7	597.2
-25°	0.0	5.9	24.2	53.3	90.6	142.4	211.8	291.4	379.8	474.0	575.0
-27.5°	0.0	5.8	23.5	51.7	87.9	139.8	207.0	282.6	366.3	456.5	554.2
-30°	0.0	5.7	22.8	49.8	85.0	136.5	201.6	273.0	353.3	439.2	531.7
-32.5°	0.0	5.6	21.9	47.8	83.0	132.5	195.6	264.8	340.7	421.0	507.4
-35°	0.0	5.5	21.0	45.6	80.6	127.9	189.7	256.7	327.7	402.0	481.4
-37.5°	0.0	5.3	20.0	43.2	77.7	123.2	183.5	247.9	314.2	382.2	456.9
-40°	0.0	5.2	18.9	40.6	74.3	119.2	176.3	238.6	300.5	365.1	432.6
-42.5°	0.0	5.0	17.8	38.0	70.9	114.5	168.4	228.8	288.2	346.9	406.6
-45°	0.0	4.8	16.5	35.4	67.5	109.1	159.6	218.5	276.4	327.6	380.0
-47.5°	0.0	4.6	15.2	32.6	63.7	103.0	150.0	207.2	264.0	307.4	357.4
-50°	0.0	4.4	13.9	30.4	59.4	96.3	141.4	195.0	248.2	289.6	333.7
-52.5°	0.0	4.2	12.4	28.3	54.8	88.9	132.2	181.9	230.6	271.1	309.6
-55°	0.0	4.0	11.0	26.0	49.7	82.0	122.2	168.0	212.2	252.1	288.5
-57.5°	0.0	3.7	9.4	23.6	44.2	74.7	111.3	154.7	193.3	231.4	266.9
-60°	0.0	3.5	7.8	20.9	38.5	66.8	99.9	139.3	174.1	210.1	244.4
-62.5°	0.0	3.2	7.3	18.1	34.2	58.4	89.0	122.7	154.6	188.3	220.7
-65°	0.0	3.0	6.7	15.1	29.7	49.6	77.5	106.1	134.3	165.0	196.6
-67.5°	0.0	2.7	6.1	12.0	24.8	41.5	65.4	90.1	113.4	140.7	169.7
-70°	0.0	2.4	5.5	8.7	19.8	34.3	52.7	73.7	94.0	115.6	140.9
-72.5°	0.0	2.1	4.8	7.3	14.5	26.8	42.1	57.0	74.2	92.6	112.0
-75°	0.0	1.8	4.2	6.3	9.1	19.0	31.5	43.0	54.0	69.0	85.1
-77.5°	0.0	1.5	3.5	5.2	7.0	11.0	20.6	30.0	38.7	47.2	57.6
-80°	0.0	1.2	2.8	4.2	5.6	7.0	9.4	16.8	24.0	30.8	37.4
-82.5°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	9.1	14.4	19.4
-85°	0.0	0.6	1.4	2.1	2.8	3.5	4.2	4.9	5.5	6.2	6.8
-87.5°	0.0	0.3	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.4
-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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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	4.6	5.2	5.8	5.9	5.9	5.8	5.7	6.0	6.2	6.4
85°	7.9	9.1	12.7	16.1	17.8	18.8	19.2	19.1	22.3	25.9	29.8
82.5°	24.8	29.9	34.7	39.4	40.6	40.6	40.2	40.3	47.7	56.1	64.7
80°	44.1	50.6	59.2	66.8	70.1	71.8	72.6	72.5	81.7	94.1	107.0
77.5°	70.0	80.9	90.4	98.5	102.8	106.6	109.7	112.1	124.0	139.6	155.1
75°	99.5	111.4	123.3	133.7	140.9	146.3	151.3	159.3	174.9	193.1	209.0
72.5°	130.6	145.8	159.1	170.3	180.5	191.3	203.4	216.6	233.0	251.2	267.8
70°	163.8	180.5	194.4	208.0	221.8	238.0	256.1	274.0	292.3	312.4	331.7
67.5°	196.2	212.4	228.8	245.9	266.6	288.3	309.7	334.3	359.4	381.7	401.6
65°	224.5	243.5	263.9	287.1	312.7	340.2	368.8	398.3	430.2	457.0	481.3
62.5°	251.4	274.3	299.1	328.0	360.7	393.2	429.7	466.6	502.5	534.1	563.2
60°	276.2	303.9	335.3	370.8	408.9	452.2	493.7	535.7	575.1	610.9	647.7
57.5°	300.4	335.2	372.9	415.5	463.7	512.3	561.1	606.3	650.9	694.4	736.0
55°	326.0	367.9	412.8	465.0	519.3	576.8	629.4	679.8	729.0	781.8	832.0
52.5°	354.1	401.0	457.1	515.6	578.3	640.0	697.8	755.2	814.7	874.4	939.7
50°	381.3	439.7	501.3	569.2	637.0	703.1	769.3	835.5	906.7	980.0	1054.0
47.5°	413.0	476.8	549.5	622.3	696.4	770.0	843.8	923.8	1004.6	1089.6	1171.5
45°	445.1	516.8	595.1	677.5	757.6	839.1	925.4	1013.8	1108.6	1202.1	1300.6
42.5°	475.6	556.6	642.9	731.8	820.9	912.0	1006.9	1110.2	1213.8	1321.6	1429.8
40°	509.3	594.4	689.5	787.5	884.2	985.2	1093.7	1205.5	1322.7	1441.2	1558.8
37.5°	541.7	635.3	735.3	840.7	949.3	1060.2	1178.0	1304.9	1432.1	1559.6	1689.3
35°	572.0	674.0	782.3	894.3	1009.4	1135.5	1267.3	1402.8	1540.5	1678.5	1818.0
32.5°	603.2	710.5	827.3	947.1	1073.9	1209.3	1353.6	1500.4	1647.1	1794.4	1947.0
30°	634.5	748.8	870.9	997.0	1135.8	1283.2	1438.3	1593.8	1749.0	1911.1	2073.7
27.5°	664.1	785.2	913.6	1048.7	1195.1	1351.7	1516.4	1683.0	1850.3	2022.6	2196.2
25°	691.4	819.6	953.3	1098.4	1253.5	1417.6	1589.2	1763.1	1946.5	2131.0	2312.2
22.5°	717.9	851.3	990.1	1144.2	1306.5	1478.8	1657.5	1841.0	2032.8	2230.9	2418.4
20°	743.5	881.4	1025.9	1185.7	1353.9	1533.9	1719.5	1911.8	2112.9	2316.3	2518.0
17.5°	766.2	908.1	1059.2	1224.4	1399.2	1584.3	1775.4	1974.0	2184.1	2395.0	2608.7
15°	785.9	931.4	1088.1	1258.3	1439.3	1630.1	1827.3	2031.6	2247.1	2466.6	2688.8
12.5°	802.6	951.1	1112.4	1287.0	1473.2	1669.4	1872.0	2083.3	2304.7	2530.4	2759.0
10°	816.2	967.2	1132.1	1310.6	1501.0	1701.9	1908.7	2126.0	2354.0	2584.6	2818.0
7.5°	827.8	980.6	1147.7	1328.7	1522.3	1727.3	1937.3	2159.3	2393.3	2626.9	2865.4
5°	836.2	991.5	1162.0	1343.9	1540.9	1747.1	1958.9	2183.1	2422.0	2657.0	2899.8
2.5°	841.2	998.5	1171.8	1353.8	1555.5	1762.0	1978.2	2204.1	2443.1	2680.9	2925.7
0°	842.9	1001.7	1176.8	1358.0	1563.6	1769.2	1989.1	2215.1	2453.3	2695.6	2941.9
-2.5°	841.2	998.5	1171.8	1353.8	1555.5	1762.0	1978.2	2204.1	2443.1	2680.9	2925.7
-5°	836.2	991.5	1162.0	1343.9	1540.9	1747.1	1958.9	2183.1	2422.0	2657.0	2899.8
-7.5°	827.8	980.6	1147.7	1328.7	1522.3	1727.3	1937.3	2159.3	2393.3	2626.9	2865.4
-10°	816.2	967.2	1132.1	1310.6	1501.0	1701.9	1908.7	2126.0	2354.0	2584.6	2818.0
-12.5°	802.6	951.1	1112.4	1287.0	1473.2	1669.4	1872.0	2083.3	2304.7	2530.4	2759.0
-15°	785.9	931.4	1088.1	1258.3	1439.3	1630.1	1827.3	2031.6	2247.1	2466.6	2688.8
-17.5°	766.2	908.1	1059.2	1224.4	1399.2	1584.3	1775.4	1974.0	2184.1	2395.0	2608.7
-20°	743.5	881.4	1025.9	1185.7	1353.9	1533.9	1719.5	1911.8	2112.9	2316.3	2518.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	717.9	851.3	990.1	1144.2	1306.5	1478.8	1657.5	1841.0	2032.8	2230.9	2418.4
-25°	691.4	819.6	953.3	1098.4	1253.5	1417.6	1589.2	1763.1	1946.5	2131.0	2312.2
-27.5°	664.1	785.2	913.6	1048.7	1195.1	1351.7	1516.4	1683.0	1850.3	2022.6	2196.2
-30°	634.5	748.8	870.9	997.0	1135.8	1283.2	1438.3	1593.8	1749.0	1911.1	2073.7
-32.5°	603.2	710.5	827.3	947.1	1073.9	1209.3	1353.6	1500.4	1647.1	1794.4	1947.0
-35°	572.0	674.0	782.3	894.3	1009.4	1135.5	1267.3	1402.8	1540.5	1678.5	1818.0
-37.5°	541.7	635.3	735.3	840.7	949.3	1060.2	1178.0	1304.9	1432.1	1559.6	1689.3
-40°	509.3	594.4	689.5	787.5	884.2	985.2	1093.7	1205.5	1322.7	1441.2	1558.8
-42.5°	475.6	556.6	642.9	731.8	820.9	912.0	1006.9	1110.2	1213.8	1321.6	1429.8
-45°	445.1	516.8	595.1	677.5	757.6	839.1	925.4	1013.8	1108.6	1202.1	1300.6
-47.5°	413.0	476.8	549.5	622.3	696.4	770.0	843.8	923.8	1004.6	1089.6	1171.5
-50°	381.3	439.7	501.3	569.2	637.0	703.1	769.3	835.5	906.7	980.0	1054.0
-52.5°	354.1	401.0	457.1	515.6	578.3	640.0	697.8	755.2	814.7	874.4	939.7
-55°	326.0	367.9	412.8	465.0	519.3	576.8	629.4	679.8	729.0	781.8	832.0
-57.5°	300.4	335.2	372.9	415.5	463.7	512.3	561.1	606.3	650.9	694.4	736.0
-60°	276.2	303.9	335.3	370.8	408.9	452.2	493.7	535.7	575.1	610.9	647.7
-62.5°	251.4	274.3	299.1	328.0	360.7	393.2	429.7	466.6	502.5	534.1	563.2
-65°	224.5	243.5	263.9	287.1	312.7	340.2	368.8	398.3	430.2	457.0	481.3
-67.5°	196.2	212.4	228.8	245.9	266.6	288.3	309.7	334.3	359.4	381.7	401.6
-70°	163.8	180.5	194.4	208.0	221.8	238.0	256.1	274.0	292.3	312.4	331.7
-72.5°	130.6	145.8	159.1	170.3	180.5	191.3	203.4	216.6	233.0	251.2	267.8
-75°	99.5	111.4	123.3	133.7	140.9	146.3	151.3	159.3	174.9	193.1	209.0
-77.5°	70.0	80.9	90.4	98.5	102.8	106.6	109.7	112.1	124.0	139.6	155.1
-80°	44.1	50.6	59.2	66.8	70.1	71.8	72.6	72.5	81.7	94.1	107.0
-82.5°	24.8	29.9	34.7	39.4	40.6	40.6	40.2	40.3	47.7	56.1	64.7
-85°	7.9	9.1	12.7	16.1	17.8	18.8	19.2	19.1	22.3	25.9	29.8
-87.5°	4.0	4.6	5.2	5.8	5.9	5.9	5.8	5.7	6.0	6.2	6.4
-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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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°	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.4	7.0
85°	34.0	36.4	38.7	40.8	42.8	44.8	46.6	48.3	49.8	45.5	40.7
82.5°	73.4	79.3	84.9	90.5	96.0	97.4	97.9	97.7	96.9	89.3	80.9
80°	119.9	129.8	139.3	148.6	157.8	158.9	157.8	155.9	153.2	143.2	132.0
77.5°	170.5	183.1	194.1	204.2	213.4	215.1	214.9	214.4	213.7	203.5	191.2
75°	222.6	234.9	246.7	256.8	265.2	269.0	270.9	272.3	273.0	265.7	256.1
72.5°	282.8	295.6	306.0	315.8	324.1	330.1	334.4	337.7	339.9	337.6	333.7
70°	348.2	361.9	373.4	384.5	395.7	404.7	411.5	416.4	419.6	421.6	423.1
67.5°	421.8	440.2	456.2	470.0	483.5	496.3	506.7	515.3	521.9	527.5	531.8
65°	504.7	528.2	549.1	568.3	585.8	604.3	619.4	632.2	642.4	650.9	657.7
62.5°	591.9	620.8	647.5	673.5	699.0	724.1	743.3	760.9	776.5	789.9	800.5
60°	682.5	715.3	751.2	785.5	817.1	846.0	874.7	899.5	920.7	938.3	952.5
57.5°	779.9	822.4	864.4	907.0	947.3	984.9	1020.2	1051.3	1077.6	1099.2	1117.4
55°	885.1	938.2	986.9	1040.7	1092.7	1140.0	1181.6	1218.2	1249.9	1276.4	1298.9
52.5°	1000.8	1065.3	1128.7	1189.8	1248.8	1303.6	1353.5	1396.1	1434.0	1466.5	1492.5
50°	1127.4	1201.2	1274.6	1342.6	1410.4	1473.6	1530.8	1580.2	1624.3	1662.5	1692.6
47.5°	1259.8	1343.8	1425.7	1503.6	1578.6	1648.9	1710.8	1767.2	1822.2	1867.0	1902.5
45°	1397.2	1491.5	1581.9	1671.0	1753.6	1832.3	1908.6	1978.8	2035.3	2084.7	2126.2
42.5°	1536.4	1641.5	1742.8	1839.9	1930.7	2021.8	2107.7	2184.5	2248.8	2305.0	2352.1
40°	1677.3	1792.4	1904.0	2009.9	2113.7	2213.0	2305.9	2386.8	2459.4	2526.2	2581.7
37.5°	1817.6	1944.2	2067.8	2186.4	2300.7	2408.3	2508.7	2600.2	2682.1	2758.1	2819.8
35°	1958.4	2097.3	2232.6	2363.2	2488.1	2606.8	2716.7	2820.7	2917.3	2994.2	3057.4
32.5°	2098.7	2248.1	2395.3	2539.1	2675.7	2803.8	2922.8	3037.8	3137.1	3221.7	3294.3
30°	2234.5	2396.3	2556.6	2712.5	2860.1	2998.9	3130.7	3252.3	3359.1	3451.6	3533.1
27.5°	2367.7	2541.6	2713.6	2880.1	3039.8	3190.5	3334.3	3466.2	3582.7	3683.3	3769.2
25°	2493.7	2680.5	2863.8	3040.4	3211.0	3377.2	3532.5	3676.4	3800.9	3911.3	3999.6
22.5°	2614.0	2813.2	3005.9	3191.7	3374.0	3553.2	3723.3	3873.5	4005.5	4120.9	4218.6
20°	2726.1	2939.6	3136.7	3333.1	3525.2	3716.6	3899.2	4057.7	4197.3	4320.2	4427.8
17.5°	2830.8	3049.8	3257.4	3466.5	3669.0	3869.7	4055.2	4225.2	4375.8	4506.3	4619.0
15°	2919.5	3140.7	3367.4	3590.7	3804.2	4007.4	4192.8	4370.2	4537.5	4678.6	4793.0
12.5°	2991.4	3221.3	3457.8	3694.9	3920.7	4123.7	4317.7	4497.7	4673.4	4831.9	4937.0
10°	3052.6	3289.4	3533.5	3775.3	4004.1	4218.8	4429.8	4620.1	4792.8	4934.8	5052.1
7.5°	3105.5	3349.4	3597.4	3839.5	4067.6	4289.5	4506.6	4708.8	4883.1	5016.8	5121.5
5°	3144.5	3394.2	3647.0	3891.4	4122.6	4345.3	4563.4	4763.0	4933.1	5069.2	5183.3
2.5°	3172.4	3424.5	3679.1	3923.8	4160.1	4383.4	4607.0	4808.8	4973.6	5098.2	5207.5
0°	3190.3	3442.8	3699.3	3949.7	4181.8	4397.6	4637.8	4827.2	4998.2	5122.4	5236.4
-2.5°	3172.4	3424.5	3679.1	3923.8	4160.1	4383.4	4607.0	4808.8	4973.6	5098.2	5207.5
-5°	3144.5	3394.2	3647.0	3891.4	4122.6	4345.3	4563.4	4763.0	4933.1	5069.2	5183.3
-7.5°	3105.5	3349.4	3597.4	3839.5	4067.6	4289.5	4506.6	4708.8	4883.1	5016.8	5121.5
-10°	3052.6	3289.4	3533.5	3775.3	4004.1	4218.8	4429.8	4620.1	4792.8	4934.8	5052.1
-12.5°	2991.4	3221.3	3457.8	3694.9	3920.7	4123.7	4317.7	4497.7	4673.4	4831.9	4937.0
-15°	2919.5	3140.7	3367.4	3590.7	3804.2	4007.4	4192.8	4370.2	4537.5	4678.6	4793.0
-17.5°	2830.8	3049.8	3257.4	3466.5	3669.0	3869.7	4055.2	4225.2	4375.8	4506.3	4619.0
-20°	2726.1	2939.6	3136.7	3333.1	3525.2	3716.6	3899.2	4057.7	4197.3	4320.2	4427.8



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2614.0	2813.2	3005.9	3191.7	3374.0	3553.2	3723.3	3873.5	4005.5	4120.9	4218.6
-25°	2493.7	2680.5	2863.8	3040.4	3211.0	3377.2	3532.5	3676.4	3800.9	3911.3	3999.6
-27.5°	2367.7	2541.6	2713.6	2880.1	3039.8	3190.5	3334.3	3466.2	3582.7	3683.3	3769.2
-30°	2234.5	2396.3	2556.6	2712.5	2860.1	2998.9	3130.7	3252.3	3359.1	3451.6	3533.1
-32.5°	2098.7	2248.1	2395.3	2539.1	2675.7	2803.8	2922.8	3037.8	3137.1	3221.7	3294.3
-35°	1958.4	2097.3	2232.6	2363.2	2488.1	2606.8	2716.7	2820.7	2917.3	2994.2	3057.4
-37.5°	1817.6	1944.2	2067.8	2186.4	2300.7	2408.3	2508.7	2600.2	2682.1	2758.1	2819.8
-40°	1677.3	1792.4	1904.0	2009.9	2113.7	2213.0	2305.9	2386.8	2459.4	2526.2	2581.7
-42.5°	1536.4	1641.5	1742.8	1839.9	1930.7	2021.8	2107.7	2184.5	2248.8	2305.0	2352.1
-45°	1397.2	1491.5	1581.9	1671.0	1753.6	1832.3	1908.6	1978.8	2035.3	2084.7	2126.2
-47.5°	1259.8	1343.8	1425.7	1503.6	1578.6	1648.9	1710.8	1767.2	1822.2	1867.0	1902.5
-50°	1127.4	1201.2	1274.6	1342.6	1410.4	1473.6	1530.8	1580.2	1624.3	1662.5	1692.6
-52.5°	1000.8	1065.3	1128.7	1189.8	1248.8	1303.6	1353.5	1396.1	1434.0	1466.5	1492.5
-55°	885.1	938.2	986.9	1040.7	1092.7	1140.0	1181.6	1218.2	1249.9	1276.4	1298.9
-57.5°	779.9	822.4	864.4	907.0	947.3	984.9	1020.2	1051.3	1077.6	1099.2	1117.4
-60°	682.5	715.3	751.2	785.5	817.1	846.0	874.7	899.5	920.7	938.3	952.5
-62.5°	591.9	620.8	647.5	673.5	699.0	724.1	743.3	760.9	776.5	789.9	800.5
-65°	504.7	528.2	549.1	568.3	585.8	604.3	619.4	632.2	642.4	650.9	657.7
-67.5°	421.8	440.2	456.2	470.0	483.5	496.3	506.7	515.3	521.9	527.5	531.8
-70°	348.2	361.9	373.4	384.5	395.7	404.7	411.5	416.4	419.6	421.6	423.1
-72.5°	282.8	295.6	306.0	315.8	324.1	330.1	334.4	337.7	339.9	337.6	333.7
-75°	222.6	234.9	246.7	256.8	265.2	269.0	270.9	272.3	273.0	265.7	256.1
-77.5°	170.5	183.1	194.1	204.2	213.4	215.1	214.9	214.4	213.7	203.5	191.2
-80°	119.9	129.8	139.3	148.6	157.8	158.9	157.8	155.9	153.2	143.2	132.0
-82.5°	73.4	79.3	84.9	90.5	96.0	97.4	97.9	97.7	96.9	89.3	80.9
-85°	34.0	36.4	38.7	40.8	42.8	44.8	46.6	48.3	49.8	45.5	40.7
-87.5°	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.8	7.4	7.0
-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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	7.0	7.4	7.8	7.7
85°	35.7	30.4	28.5	26.5	28.5	30.4	35.7	40.7	45.5	49.8	48.3
82.5°	72.1	62.9	60.0	57.0	60.0	62.9	72.1	80.9	89.3	96.9	97.7
80°	120.1	107.6	102.7	97.7	102.7	107.6	120.1	132.0	143.2	153.2	155.9
77.5°	178.2	164.5	158.7	152.7	158.7	164.5	178.2	191.2	203.5	213.7	214.4
75°	246.1	235.4	228.9	221.9	228.9	235.4	246.1	256.1	265.7	273.0	272.3
72.5°	329.2	324.0	319.3	313.5	319.3	324.0	329.2	333.7	337.6	339.9	337.7
70°	423.5	422.9	423.7	423.5	423.7	422.9	423.5	423.1	421.6	419.6	416.4
67.5°	534.1	534.2	536.5	537.5	536.5	534.2	534.1	531.8	527.5	521.9	515.3
65°	661.9	663.4	662.8	659.6	662.8	663.4	661.9	657.7	650.9	642.4	632.2
62.5°	808.1	812.5	814.9	814.4	814.9	812.5	808.1	800.5	789.9	776.5	760.9
60°	963.1	970.0	973.5	973.2	973.5	970.0	963.1	952.5	938.3	920.7	899.5
57.5°	1130.9	1139.7	1141.8	1138.1	1141.8	1139.7	1130.9	1117.4	1099.2	1077.6	1051.3
55°	1315.9	1327.2	1331.5	1329.5	1331.5	1327.2	1315.9	1298.9	1276.4	1249.9	1218.2
52.5°	1511.5	1523.7	1528.0	1524.9	1528.0	1523.7	1511.5	1492.5	1466.5	1434.0	1396.1
50°	1714.7	1729.5	1735.5	1732.6	1735.5	1729.5	1714.7	1692.6	1662.5	1624.3	1580.2
47.5°	1930.3	1950.0	1957.7	1952.5	1957.7	1950.0	1930.3	1902.5	1867.0	1822.2	1767.2
45°	2157.2	2177.6	2185.6	2180.5	2185.6	2177.6	2157.2	2126.2	2084.7	2035.3	1978.8
42.5°	2388.2	2414.7	2426.0	2416.6	2426.0	2414.7	2388.2	2352.1	2305.0	2248.8	2184.5
40°	2623.3	2652.1	2665.4	2658.9	2665.4	2652.1	2623.3	2581.7	2526.2	2459.4	2386.8
37.5°	2864.3	2893.0	2907.1	2907.3	2907.1	2893.0	2864.3	2819.8	2758.1	2682.1	2600.2
35°	3106.3	3141.0	3160.7	3159.8	3160.7	3141.0	3106.3	3057.4	2994.2	2917.3	2820.7
32.5°	3351.7	3389.3	3409.4	3412.2	3409.4	3389.3	3351.7	3294.3	3221.7	3137.1	3037.8
30°	3596.7	3638.0	3661.3	3670.8	3661.3	3638.0	3596.7	3533.1	3451.6	3359.1	3252.3
27.5°	3834.3	3885.1	3920.2	3923.2	3920.2	3885.1	3834.3	3769.2	3683.3	3582.7	3466.2
25°	4064.3	4116.1	4152.1	4159.4	4152.1	4116.1	4064.3	3999.6	3911.3	3800.9	3676.4
22.5°	4291.1	4345.2	4378.5	4391.5	4378.5	4345.2	4291.1	4218.6	4120.9	4005.5	3873.5
20°	4507.6	4566.2	4601.4	4615.4	4601.4	4566.2	4507.6	4427.8	4320.2	4197.3	4057.7
17.5°	4703.4	4765.3	4808.8	4821.1	4808.8	4765.3	4703.4	4619.0	4506.3	4375.8	4225.2
15°	4875.8	4934.5	4975.8	4992.1	4975.8	4934.5	4875.8	4793.0	4678.6	4537.5	4370.2
12.5°	5016.0	5068.6	5100.9	5116.3	5100.9	5068.6	5016.0	4937.0	4831.9	4673.4	4497.7
10°	5125.6	5178.4	5209.3	5230.3	5209.3	5178.4	5125.6	5052.1	4934.8	4792.8	4620.1
7.5°	5220.7	5274.7	5312.6	5342.3	5312.6	5274.7	5220.7	5121.5	5016.8	4883.1	4708.8
5°	5273.3	5363.5	5377.0	5397.2	5377.0	5363.5	5273.3	5183.3	5069.2	4933.1	4763.0
2.5°	5313.3	5377.3	5415.7	5411.5	5415.7	5377.3	5313.3	5207.5	5098.2	4973.6	4808.8
0°	5342.3	5399.3	5413.5	5431.9	5413.5	5399.3	5342.3	5236.4	5122.4	4998.2	4827.2
-2.5°	5313.3	5377.3	5415.7	5411.5	5415.7	5377.3	5313.3	5207.5	5098.2	4973.6	4808.8
-5°	5273.3	5363.5	5377.0	5397.2	5377.0	5363.5	5273.3	5183.3	5069.2	4933.1	4763.0
-7.5°	5220.7	5274.7	5312.6	5342.3	5312.6	5274.7	5220.7	5121.5	5016.8	4883.1	4708.8
-10°	5125.6	5178.4	5209.3	5230.3	5209.3	5178.4	5125.6	5052.1	4934.8	4792.8	4620.1
-12.5°	5016.0	5068.6	5100.9	5116.3	5100.9	5068.6	5016.0	4937.0	4831.9	4673.4	4497.7
-15°	4875.8	4934.5	4975.8	4992.1	4975.8	4934.5	4875.8	4793.0	4678.6	4537.5	4370.2
-17.5°	4703.4	4765.3	4808.8	4821.1	4808.8	4765.3	4703.4	4619.0	4506.3	4375.8	4225.2
-20°	4507.6	4566.2	4601.4	4615.4	4601.4	4566.2	4507.6	4427.8	4320.2	4197.3	4057.7



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4291.1	4345.2	4378.5	4391.5	4378.5	4345.2	4291.1	4218.6	4120.9	4005.5	3873.5
-25°	4064.3	4116.1	4152.1	4159.4	4152.1	4116.1	4064.3	3999.6	3911.3	3800.9	3676.4
-27.5°	3834.3	3885.1	3920.2	3923.2	3920.2	3885.1	3834.3	3769.2	3683.3	3582.7	3466.2
-30°	3596.7	3638.0	3661.3	3670.8	3661.3	3638.0	3596.7	3533.1	3451.6	3359.1	3252.3
-32.5°	3351.7	3389.3	3409.4	3412.2	3409.4	3389.3	3351.7	3294.3	3221.7	3137.1	3037.8
-35°	3106.3	3141.0	3160.7	3159.8	3160.7	3141.0	3106.3	3057.4	2994.2	2917.3	2820.7
-37.5°	2864.3	2893.0	2907.1	2907.3	2907.1	2893.0	2864.3	2819.8	2758.1	2682.1	2600.2
-40°	2623.3	2652.1	2665.4	2658.9	2665.4	2652.1	2623.3	2581.7	2526.2	2459.4	2386.8
-42.5°	2388.2	2414.7	2426.0	2416.6	2426.0	2414.7	2388.2	2352.1	2305.0	2248.8	2184.5
-45°	2157.2	2177.6	2185.6	2180.5	2185.6	2177.6	2157.2	2126.2	2084.7	2035.3	1978.8
-47.5°	1930.3	1950.0	1957.7	1952.5	1957.7	1950.0	1930.3	1902.5	1867.0	1822.2	1767.2
-50°	1714.7	1729.5	1735.5	1732.6	1735.5	1729.5	1714.7	1692.6	1662.5	1624.3	1580.2
-52.5°	1511.5	1523.7	1528.0	1524.9	1528.0	1523.7	1511.5	1492.5	1466.5	1434.0	1396.1
-55°	1315.9	1327.2	1331.5	1329.5	1331.5	1327.2	1315.9	1298.9	1276.4	1249.9	1218.2
-57.5°	1130.9	1139.7	1141.8	1138.1	1141.8	1139.7	1130.9	1117.4	1099.2	1077.6	1051.3
-60°	963.1	970.0	973.5	973.2	973.5	970.0	963.1	952.5	938.3	920.7	899.5
-62.5°	808.1	812.5	814.9	814.4	814.9	812.5	808.1	800.5	789.9	776.5	760.9
-65°	661.9	663.4	662.8	659.6	662.8	663.4	661.9	657.7	650.9	642.4	632.2
-67.5°	534.1	534.2	536.5	537.5	536.5	534.2	534.1	531.8	527.5	521.9	515.3
-70°	423.5	422.9	423.7	423.5	423.7	422.9	423.5	423.1	421.6	419.6	416.4
-72.5°	329.2	324.0	319.3	313.5	319.3	324.0	329.2	333.7	337.6	339.9	337.7
-75°	246.1	235.4	228.9	221.9	228.9	235.4	246.1	256.1	265.7	273.0	272.3
-77.5°	178.2	164.5	158.7	152.7	158.7	164.5	178.2	191.2	203.5	213.7	214.4
-80°	120.1	107.6	102.7	97.7	102.7	107.6	120.1	132.0	143.2	153.2	155.9
-82.5°	72.1	62.9	60.0	57.0	60.0	62.9	72.1	80.9	89.3	96.9	97.7
-85°	35.7	30.4	28.5	26.5	28.5	30.4	35.7	40.7	45.5	49.8	48.3
-87.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	7.0	7.4	7.8	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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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°	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7
85°	46.6	44.8	42.8	40.8	38.7	36.4	34.0	29.8	25.9	22.3	19.1
82.5°	97.9	97.4	96.0	90.5	84.9	79.3	73.4	64.7	56.1	47.7	40.3
80°	157.8	158.9	157.8	148.6	139.3	129.8	119.9	107.0	94.1	81.7	72.5
77.5°	214.9	215.1	213.4	204.2	194.1	183.1	170.5	155.1	139.6	124.0	112.1
75°	270.9	269.0	265.2	256.8	246.7	234.9	222.6	209.0	193.1	174.9	159.3
72.5°	334.4	330.1	324.1	315.8	306.0	295.6	282.8	267.8	251.2	233.0	216.6
70°	411.5	404.7	395.7	384.5	373.4	361.9	348.2	331.7	312.4	292.3	274.0
67.5°	506.7	496.3	483.5	470.0	456.2	440.2	421.8	401.6	381.7	359.4	334.3
65°	619.4	604.3	585.8	568.3	549.1	528.2	504.7	481.3	457.0	430.2	398.3
62.5°	743.3	724.1	699.0	673.5	647.5	620.8	591.9	563.2	534.1	502.5	466.6
60°	874.7	846.0	817.1	785.5	751.2	715.3	682.5	647.7	610.9	575.1	535.7
57.5°	1020.2	984.9	947.3	907.0	864.4	822.4	779.9	736.0	694.4	650.9	606.3
55°	1181.6	1140.0	1092.7	1040.7	986.9	938.2	885.1	832.0	781.8	729.0	679.8
52.5°	1353.5	1303.6	1248.8	1189.8	1128.7	1065.3	1000.8	939.7	874.4	814.7	755.2
50°	1530.8	1473.6	1410.4	1342.6	1274.6	1201.2	1127.4	1054.0	980.0	906.7	835.5
47.5°	1710.8	1648.9	1578.6	1503.6	1425.7	1343.8	1259.8	1171.5	1089.6	1004.6	923.8
45°	1908.6	1832.3	1753.6	1671.0	1581.9	1491.5	1397.2	1300.6	1202.1	1108.6	1013.8
42.5°	2107.7	2021.8	1930.7	1839.9	1742.8	1641.5	1536.4	1429.8	1321.6	1213.8	1110.2
40°	2305.9	2213.0	2113.7	2009.9	1904.0	1792.4	1677.3	1558.8	1441.2	1322.7	1205.5
37.5°	2508.7	2408.3	2300.7	2186.4	2067.8	1944.2	1817.6	1689.3	1559.6	1432.1	1304.9
35°	2716.7	2606.8	2488.1	2363.2	2232.6	2097.3	1958.4	1818.0	1678.5	1540.5	1402.8
32.5°	2922.8	2803.8	2675.7	2539.1	2395.3	2248.1	2098.7	1947.0	1794.4	1647.1	1500.4
30°	3130.7	2998.9	2860.1	2712.5	2556.6	2396.3	2234.5	2073.7	1911.1	1749.0	1593.8
27.5°	3334.3	3190.5	3039.8	2880.1	2713.6	2541.6	2367.7	2196.2	2022.6	1850.3	1683.0
25°	3532.5	3377.2	3211.0	3040.4	2863.8	2680.5	2493.7	2312.2	2131.0	1946.5	1763.1
22.5°	3723.3	3553.2	3374.0	3191.7	3005.9	2813.2	2614.0	2418.4	2230.9	2032.8	1841.0
20°	3899.2	3716.6	3525.2	3333.1	3136.7	2939.6	2726.1	2518.0	2316.3	2112.9	1911.8
17.5°	4055.2	3869.7	3669.0	3466.5	3257.4	3049.8	2830.8	2608.7	2395.0	2184.1	1974.0
15°	4192.8	4007.4	3804.2	3590.7	3367.4	3140.7	2919.5	2688.8	2466.6	2247.1	2031.6
12.5°	4317.7	4123.7	3920.7	3694.9	3457.8	3221.3	2991.4	2759.0	2530.4	2304.7	2083.3
10°	4429.8	4218.8	4004.1	3775.3	3533.5	3289.4	3052.6	2818.0	2584.6	2354.0	2126.0
7.5°	4506.6	4289.5	4067.6	3839.5	3597.4	3349.4	3105.5	2865.4	2626.9	2393.3	2159.3
5°	4563.4	4345.3	4122.6	3891.4	3647.0	3394.2	3144.5	2899.8	2657.0	2422.0	2183.1
2.5°	4607.0	4383.4	4160.1	3923.8	3679.1	3424.5	3172.4	2925.7	2680.9	2443.1	2204.1
0°	4637.8	4397.6	4181.8	3949.7	3699.3	3442.8	3190.3	2941.9	2695.6	2453.3	2215.1
-2.5°	4607.0	4383.4	4160.1	3923.8	3679.1	3424.5	3172.4	2925.7	2680.9	2443.1	2204.1
-5°	4563.4	4345.3	4122.6	3891.4	3647.0	3394.2	3144.5	2899.8	2657.0	2422.0	2183.1
-7.5°	4506.6	4289.5	4067.6	3839.5	3597.4	3349.4	3105.5	2865.4	2626.9	2393.3	2159.3
-10°	4429.8	4218.8	4004.1	3775.3	3533.5	3289.4	3052.6	2818.0	2584.6	2354.0	2126.0
-12.5°	4317.7	4123.7	3920.7	3694.9	3457.8	3221.3	2991.4	2759.0	2530.4	2304.7	2083.3
-15°	4192.8	4007.4	3804.2	3590.7	3367.4	3140.7	2919.5	2688.8	2466.6	2247.1	2031.6
-17.5°	4055.2	3869.7	3669.0	3466.5	3257.4	3049.8	2830.8	2608.7	2395.0	2184.1	1974.0
-20°	3899.2	3716.6	3525.2	3333.1	3136.7	2939.6	2726.1	2518.0	2316.3	2112.9	1911.8



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3723.3	3553.2	3374.0	3191.7	3005.9	2813.2	2614.0	2418.4	2230.9	2032.8	1841.0
-25°	3532.5	3377.2	3211.0	3040.4	2863.8	2680.5	2493.7	2312.2	2131.0	1946.5	1763.1
-27.5°	3334.3	3190.5	3039.8	2880.1	2713.6	2541.6	2367.7	2196.2	2022.6	1850.3	1683.0
-30°	3130.7	2998.9	2860.1	2712.5	2556.6	2396.3	2234.5	2073.7	1911.1	1749.0	1593.8
-32.5°	2922.8	2803.8	2675.7	2539.1	2395.3	2248.1	2098.7	1947.0	1794.4	1647.1	1500.4
-35°	2716.7	2606.8	2488.1	2363.2	2232.6	2097.3	1958.4	1818.0	1678.5	1540.5	1402.8
-37.5°	2508.7	2408.3	2300.7	2186.4	2067.8	1944.2	1817.6	1689.3	1559.6	1432.1	1304.9
-40°	2305.9	2213.0	2113.7	2009.9	1904.0	1792.4	1677.3	1558.8	1441.2	1322.7	1205.5
-42.5°	2107.7	2021.8	1930.7	1839.9	1742.8	1641.5	1536.4	1429.8	1321.6	1213.8	1110.2
-45°	1908.6	1832.3	1753.6	1671.0	1581.9	1491.5	1397.2	1300.6	1202.1	1108.6	1013.8
-47.5°	1710.8	1648.9	1578.6	1503.6	1425.7	1343.8	1259.8	1171.5	1089.6	1004.6	923.8
-50°	1530.8	1473.6	1410.4	1342.6	1274.6	1201.2	1127.4	1054.0	980.0	906.7	835.5
-52.5°	1353.5	1303.6	1248.8	1189.8	1128.7	1065.3	1000.8	939.7	874.4	814.7	755.2
-55°	1181.6	1140.0	1092.7	1040.7	986.9	938.2	885.1	832.0	781.8	729.0	679.8
-57.5°	1020.2	984.9	947.3	907.0	864.4	822.4	779.9	736.0	694.4	650.9	606.3
-60°	874.7	846.0	817.1	785.5	751.2	715.3	682.5	647.7	610.9	575.1	535.7
-62.5°	743.3	724.1	699.0	673.5	647.5	620.8	591.9	563.2	534.1	502.5	466.6
-65°	619.4	604.3	585.8	568.3	549.1	528.2	504.7	481.3	457.0	430.2	398.3
-67.5°	506.7	496.3	483.5	470.0	456.2	440.2	421.8	401.6	381.7	359.4	334.3
-70°	411.5	404.7	395.7	384.5	373.4	361.9	348.2	331.7	312.4	292.3	274.0
-72.5°	334.4	330.1	324.1	315.8	306.0	295.6	282.8	267.8	251.2	233.0	216.6
-75°	270.9	269.0	265.2	256.8	246.7	234.9	222.6	209.0	193.1	174.9	159.3
-77.5°	214.9	215.1	213.4	204.2	194.1	183.1	170.5	155.1	139.6	124.0	112.1
-80°	157.8	158.9	157.8	148.6	139.3	129.8	119.9	107.0	94.1	81.7	72.5
-82.5°	97.9	97.4	96.0	90.5	84.9	79.3	73.4	64.7	56.1	47.7	40.3
-85°	46.6	44.8	42.8	40.8	38.7	36.4	34.0	29.8	25.9	22.3	19.1
-87.5°	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7
-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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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	5.9	5.9	5.8	5.2	4.6	4.0	3.4	3.1	2.8	2.4
85°	19.2	18.8	17.8	16.1	12.7	9.1	7.9	6.8	6.2	5.5	4.9
82.5°	40.2	40.6	40.6	39.4	34.7	29.9	24.8	19.4	14.4	9.1	7.3
80°	72.6	71.8	70.1	66.8	59.2	50.6	44.1	37.4	30.8	24.0	16.8
77.5°	109.7	106.6	102.8	98.5	90.4	80.9	70.0	57.6	47.2	38.7	30.0
75°	151.3	146.3	140.9	133.7	123.3	111.4	99.5	85.1	69.0	54.0	43.0
72.5°	203.4	191.3	180.5	170.3	159.1	145.8	130.6	112.0	92.6	74.2	57.0
70°	256.1	238.0	221.8	208.0	194.4	180.5	163.8	140.9	115.6	94.0	73.7
67.5°	309.7	288.3	266.6	245.9	228.8	212.4	196.2	169.7	140.7	113.4	90.1
65°	368.8	340.2	312.7	287.1	263.9	243.5	224.5	196.6	165.0	134.3	106.1
62.5°	429.7	393.2	360.7	328.0	299.1	274.3	251.4	220.7	188.3	154.6	122.7
60°	493.7	452.2	408.9	370.8	335.3	303.9	276.2	244.4	210.1	174.1	139.3
57.5°	561.1	512.3	463.7	415.5	372.9	335.2	300.4	266.9	231.4	193.3	154.7
55°	629.4	576.8	519.3	465.0	412.8	367.9	326.0	288.5	252.1	212.2	168.0
52.5°	697.8	640.0	578.3	515.6	457.1	401.0	354.1	309.6	271.1	230.6	181.9
50°	769.3	703.1	637.0	569.2	501.3	439.7	381.3	333.7	289.6	248.2	195.0
47.5°	843.8	770.0	696.4	622.3	549.5	476.8	413.0	357.4	307.4	264.0	207.2
45°	925.4	839.1	757.6	677.5	595.1	516.8	445.1	380.0	327.6	276.4	218.5
42.5°	1006.9	912.0	820.9	731.8	642.9	556.6	475.6	406.6	346.9	288.2	228.8
40°	1093.7	985.2	884.2	787.5	689.5	594.4	509.3	432.6	365.1	300.5	238.6
37.5°	1178.0	1060.2	949.3	840.7	735.3	635.3	541.7	456.9	382.2	314.2	247.9
35°	1267.3	1135.5	1009.4	894.3	782.3	674.0	572.0	481.4	402.0	327.7	256.7
32.5°	1353.6	1209.3	1073.9	947.1	827.3	710.5	603.2	507.4	421.0	340.7	264.8
30°	1438.3	1283.2	1135.8	997.0	870.9	748.8	634.5	531.7	439.2	353.3	273.0
27.5°	1516.4	1351.7	1195.1	1048.7	913.6	785.2	664.1	554.2	456.5	366.3	282.6
25°	1589.2	1417.6	1253.5	1098.4	953.3	819.6	691.4	575.0	474.0	379.8	291.4
22.5°	1657.5	1478.8	1306.5	1144.2	990.1	851.3	717.9	597.2	490.7	392.2	299.5
20°	1719.5	1533.9	1353.9	1185.7	1025.9	881.4	743.5	617.1	505.5	403.5	306.8
17.5°	1775.4	1584.3	1399.2	1224.4	1059.2	908.1	766.2	634.7	518.6	413.5	313.2
15°	1827.3	1630.1	1439.3	1258.3	1088.1	931.4	785.9	649.8	529.8	422.3	319.4
12.5°	1872.0	1669.4	1473.2	1287.0	1112.4	951.1	802.6	662.5	539.1	430.2	325.1
10°	1908.7	1701.9	1501.0	1310.6	1132.1	967.2	816.2	673.2	547.8	437.0	329.6
7.5°	1937.3	1727.3	1522.3	1328.7	1147.7	980.6	827.8	682.4	554.8	442.2	332.7
5°	1958.9	1747.1	1540.9	1343.9	1162.0	991.5	836.2	689.0	559.9	445.8	334.4
2.5°	1978.2	1762.0	1555.5	1353.8	1171.8	998.5	841.2	693.0	563.0	447.7	334.8
0°	1989.1	1769.2	1563.6	1358.0	1176.8	1001.7	842.9	694.3	564.0	447.9	333.9
-2.5°	1978.2	1762.0	1555.5	1353.8	1171.8	998.5	841.2	693.0	563.0	447.7	334.8
-5°	1958.9	1747.1	1540.9	1343.9	1162.0	991.5	836.2	689.0	559.9	445.8	334.4
-7.5°	1937.3	1727.3	1522.3	1328.7	1147.7	980.6	827.8	682.4	554.8	442.2	332.7
-10°	1908.7	1701.9	1501.0	1310.6	1132.1	967.2	816.2	673.2	547.8	437.0	329.6
-12.5°	1872.0	1669.4	1473.2	1287.0	1112.4	951.1	802.6	662.5	539.1	430.2	325.1
-15°	1827.3	1630.1	1439.3	1258.3	1088.1	931.4	785.9	649.8	529.8	422.3	319.4
-17.5°	1775.4	1584.3	1399.2	1224.4	1059.2	908.1	766.2	634.7	518.6	413.5	313.2
-20°	1719.5	1533.9	1353.9	1185.7	1025.9	881.4	743.5	617.1	505.5	403.5	306.8



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1657.5	1478.8	1306.5	1144.2	990.1	851.3	717.9	597.2	490.7	392.2	299.5
-25°	1589.2	1417.6	1253.5	1098.4	953.3	819.6	691.4	575.0	474.0	379.8	291.4
-27.5°	1516.4	1351.7	1195.1	1048.7	913.6	785.2	664.1	554.2	456.5	366.3	282.6
-30°	1438.3	1283.2	1135.8	997.0	870.9	748.8	634.5	531.7	439.2	353.3	273.0
-32.5°	1353.6	1209.3	1073.9	947.1	827.3	710.5	603.2	507.4	421.0	340.7	264.8
-35°	1267.3	1135.5	1009.4	894.3	782.3	674.0	572.0	481.4	402.0	327.7	256.7
-37.5°	1178.0	1060.2	949.3	840.7	735.3	635.3	541.7	456.9	382.2	314.2	247.9
-40°	1093.7	985.2	884.2	787.5	689.5	594.4	509.3	432.6	365.1	300.5	238.6
-42.5°	1006.9	912.0	820.9	731.8	642.9	556.6	475.6	406.6	346.9	288.2	228.8
-45°	925.4	839.1	757.6	677.5	595.1	516.8	445.1	380.0	327.6	276.4	218.5
-47.5°	843.8	770.0	696.4	622.3	549.5	476.8	413.0	357.4	307.4	264.0	207.2
-50°	769.3	703.1	637.0	569.2	501.3	439.7	381.3	333.7	289.6	248.2	195.0
-52.5°	697.8	640.0	578.3	515.6	457.1	401.0	354.1	309.6	271.1	230.6	181.9
-55°	629.4	576.8	519.3	465.0	412.8	367.9	326.0	288.5	252.1	212.2	168.0
-57.5°	561.1	512.3	463.7	415.5	372.9	335.2	300.4	266.9	231.4	193.3	154.7
-60°	493.7	452.2	408.9	370.8	335.3	303.9	276.2	244.4	210.1	174.1	139.3
-62.5°	429.7	393.2	360.7	328.0	299.1	274.3	251.4	220.7	188.3	154.6	122.7
-65°	368.8	340.2	312.7	287.1	263.9	243.5	224.5	196.6	165.0	134.3	106.1
-67.5°	309.7	288.3	266.6	245.9	228.8	212.4	196.2	169.7	140.7	113.4	90.1
-70°	256.1	238.0	221.8	208.0	194.4	180.5	163.8	140.9	115.6	94.0	73.7
-72.5°	203.4	191.3	180.5	170.3	159.1	145.8	130.6	112.0	92.6	74.2	57.0
-75°	151.3	146.3	140.9	133.7	123.3	111.4	99.5	85.1	69.0	54.0	43.0
-77.5°	109.7	106.6	102.8	98.5	90.4	80.9	70.0	57.6	47.2	38.7	30.0
-80°	72.6	71.8	70.1	66.8	59.2	50.6	44.1	37.4	30.8	24.0	16.8
-82.5°	40.2	40.6	40.6	39.4	34.7	29.9	24.8	19.4	14.4	9.1	7.3
-85°	19.2	18.8	17.8	16.1	12.7	9.1	7.9	6.8	6.2	5.5	4.9
-87.5°	5.8	5.9	5.9	5.8	5.2	4.6	4.0	3.4	3.1	2.8	2.4
-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: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-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°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
82.5°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
80°	9.4	7.0	5.6	4.2	2.8	1.2	0.0
77.5°	20.6	11.0	7.0	5.2	3.5	1.5	0.0
75°	31.5	19.0	9.1	6.3	4.2	1.8	0.0
72.5°	42.1	26.8	14.5	7.3	4.8	2.1	0.0
70°	52.7	34.3	19.8	8.7	5.5	2.4	0.0
67.5°	65.4	41.5	24.8	12.0	6.1	2.7	0.0
65°	77.5	49.6	29.7	15.1	6.7	3.0	0.0
62.5°	89.0	58.4	34.2	18.1	7.3	3.2	0.0
60°	99.9	66.8	38.5	20.9	7.8	3.5	0.0
57.5°	111.3	74.7	44.2	23.6	9.4	3.7	0.0
55°	122.2	82.0	49.7	26.0	11.0	4.0	0.0
52.5°	132.2	88.9	54.8	28.3	12.4	4.2	0.0
50°	141.4	96.3	59.4	30.4	13.9	4.4	0.0
47.5°	150.0	103.0	63.7	32.6	15.2	4.6	0.0
45°	159.6	109.1	67.5	35.4	16.5	4.8	0.0
42.5°	168.4	114.5	70.9	38.0	17.8	5.0	0.0
40°	176.3	119.2	74.3	40.6	18.9	5.2	0.0
37.5°	183.5	123.2	77.7	43.2	20.0	5.3	0.0
35°	189.7	127.9	80.6	45.6	21.0	5.5	0.0
32.5°	195.6	132.5	83.0	47.8	21.9	5.6	0.0
30°	201.6	136.5	85.0	49.8	22.8	5.7	0.0
27.5°	207.0	139.8	87.9	51.7	23.5	5.8	0.0
25°	211.8	142.4	90.6	53.3	24.2	5.9	0.0
22.5°	215.9	145.1	93.0	54.8	24.8	6.0	0.0
20°	219.3	148.7	95.1	56.0	25.3	6.1	0.0
17.5°	223.5	151.6	96.9	57.1	25.8	6.1	0.0
15°	227.9	153.9	98.3	58.0	26.1	6.1	0.0
12.5°	231.5	155.5	99.4	58.6	26.4	6.2	0.0
10°	234.2	156.6	100.1	59.1	26.6	6.2	0.0
7.5°	236.1	157.0	100.5	59.4	26.7	6.2	0.0
5°	237.0	156.8	100.6	59.4	26.7	6.2	0.0
2.5°	237.1	156.0	100.4	59.3	26.6	6.1	0.0
0°	236.2	154.7	99.8	59.0	26.5	6.1	0.0
-2.5°	237.1	156.0	100.4	59.3	26.6	6.1	0.0
-5°	237.0	156.8	100.6	59.4	26.7	6.2	0.0
-7.5°	236.1	157.0	100.5	59.4	26.7	6.2	0.0
-10°	234.2	156.6	100.1	59.1	26.6	6.2	0.0
-12.5°	231.5	155.5	99.4	58.6	26.4	6.2	0.0
-15°	227.9	153.9	98.3	58.0	26.1	6.1	0.0
-17.5°	223.5	151.6	96.9	57.1	25.8	6.1	0.0
-20°	219.3	148.7	95.1	56.0	25.3	6.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626871 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	215.9	145.1	93.0	54.8	24.8	6.0	0.0
-25°	211.8	142.4	90.6	53.3	24.2	5.9	0.0
-27.5°	207.0	139.8	87.9	51.7	23.5	5.8	0.0
-30°	201.6	136.5	85.0	49.8	22.8	5.7	0.0
-32.5°	195.6	132.5	83.0	47.8	21.9	5.6	0.0
-35°	189.7	127.9	80.6	45.6	21.0	5.5	0.0
-37.5°	183.5	123.2	77.7	43.2	20.0	5.3	0.0
-40°	176.3	119.2	74.3	40.6	18.9	5.2	0.0
-42.5°	168.4	114.5	70.9	38.0	17.8	5.0	0.0
-45°	159.6	109.1	67.5	35.4	16.5	4.8	0.0
-47.5°	150.0	103.0	63.7	32.6	15.2	4.6	0.0
-50°	141.4	96.3	59.4	30.4	13.9	4.4	0.0
-52.5°	132.2	88.9	54.8	28.3	12.4	4.2	0.0
-55°	122.2	82.0	49.7	26.0	11.0	4.0	0.0
-57.5°	111.3	74.7	44.2	23.6	9.4	3.7	0.0
-60°	99.9	66.8	38.5	20.9	7.8	3.5	0.0
-62.5°	89.0	58.4	34.2	18.1	7.3	3.2	0.0
-65°	77.5	49.6	29.7	15.1	6.7	3.0	0.0
-67.5°	65.4	41.5	24.8	12.0	6.1	2.7	0.0
-70°	52.7	34.3	19.8	8.7	5.5	2.4	0.0
-72.5°	42.1	26.8	14.5	7.3	4.8	2.1	0.0
-75°	31.5	19.0	9.1	6.3	4.2	1.8	0.0
-77.5°	20.6	11.0	7.0	5.2	3.5	1.5	0.0
-80°	9.4	7.0	5.6	4.2	2.8	1.2	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.6	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)