

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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-740-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N99
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

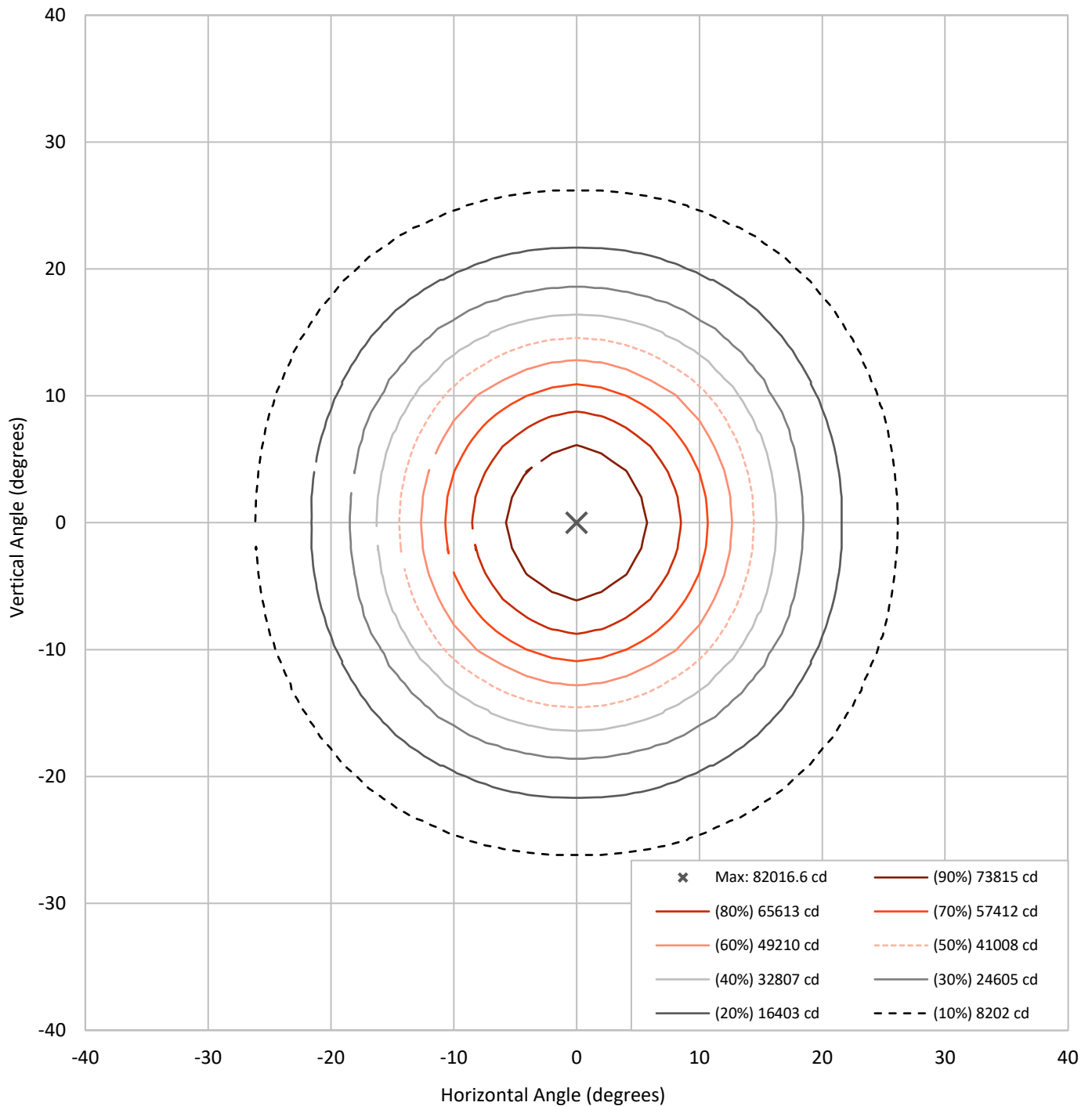
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25624.8 lumens	Max Intensity:	82016.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12458.4 lumens	Field Lumens:	21024.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

Iso-Candela Plot





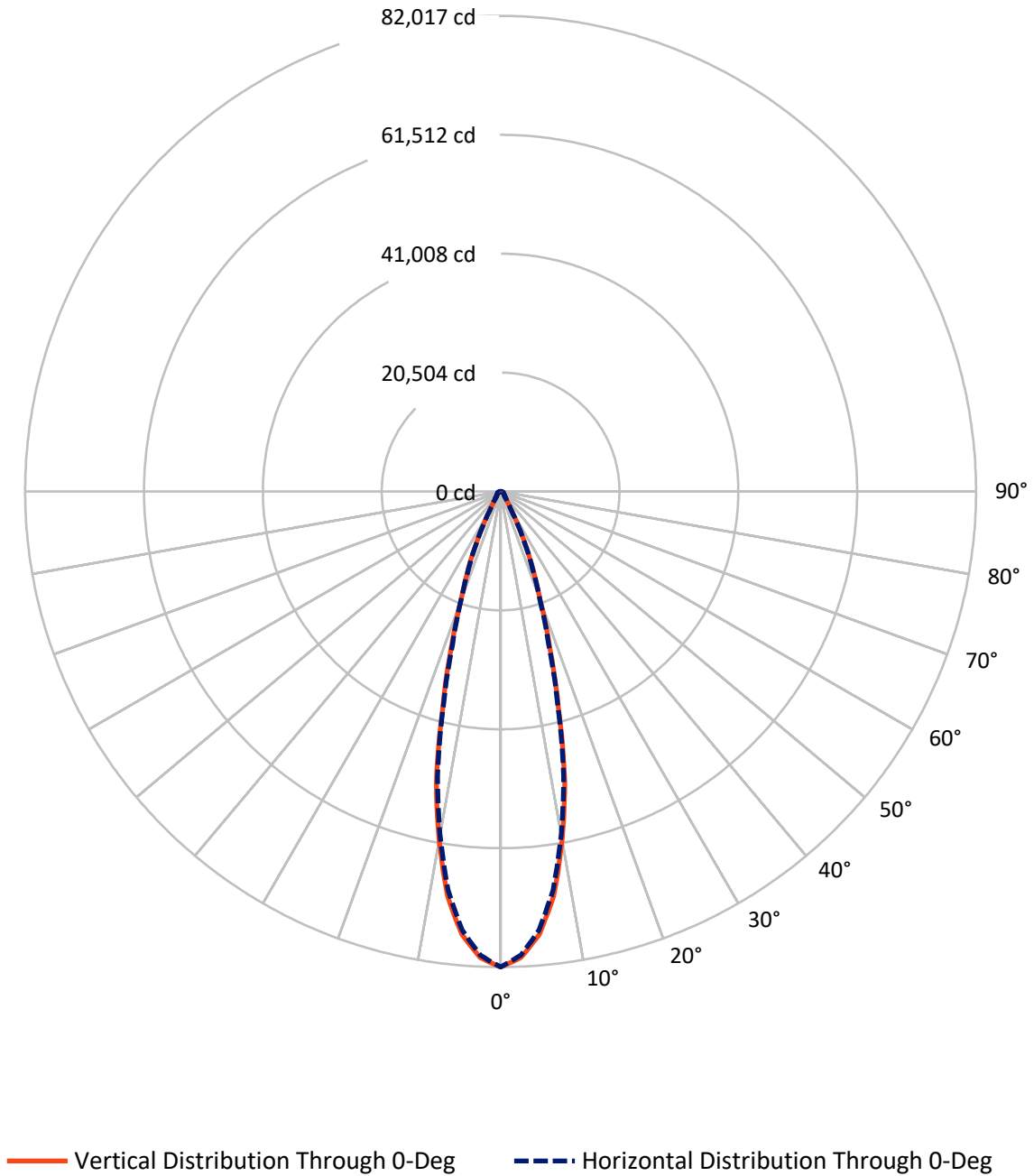
REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

Lumen Table

90	0.5		4.2		11.1		17.6		19.5		17.6		11.1		4.2		0.5		
80	0.5		4.2		11.1		17.6		19.5		17.6		11.1		4.2		0.5		
70	1.9	2.2	4.4	7.2	10.1	12.4	13.8	14.6	14.6	13.8	12.4	10.1	7.2	4.4	2.2	1.9			
60		3.3	6.6	10.7	14.3	17.6	19.8	20.5	20.5	19.8	17.6	14.3	10.7	6.6	3.3				
50	3.4	4.2	8.5	13.2	17.6	22.2	26.1	28.0	28.0	26.1	22.2	17.6	13.2	8.5	4.2	3.4			
40		5.0	10.0	15.2	21.5	30.7	44.4	57.7	57.7	44.4	30.7	21.5	15.2	10.0	5.0				
30	4.3	5.5	10.9	17.1	27.6	59.9	168.7	299.1	299.1	168.7	59.9	27.6	17.1	10.9	5.5	4.3			
20		6.0	11.4	18.6	37.5	157.3	560.5	1074.1	1074.1	560.5	157.3	37.5	18.6	11.4	6.0				
10	4.7	6.2	11.6	19.6	47.7	271.5	1037.5	2040.8	2040.8	1037.5	271.5	47.7	19.6	11.6	6.2	4.7			
0		6.2	11.6	19.6	47.7	271.5	1037.5	2040.8	2040.8	1037.5	271.5	47.7	19.6	11.6	6.2				
-10	4.3	6.0	11.4	18.6	37.5	157.3	560.5	1074.1	1074.1	560.5	157.3	37.5	18.6	11.4	6.0	4.3			
-20		5.5	10.9	17.1	27.6	59.9	168.7	299.1	299.1	168.7	59.9	27.6	17.1	10.9	5.5				
-30	3.4	5.0	10.0	15.2	21.5	30.7	44.4	57.7	57.7	44.4	30.7	21.5	15.2	10.0	5.0	3.4			
-40		4.2	8.5	13.2	17.6	22.2	26.1	28.0	28.0	26.1	22.2	17.6	13.2	8.5	4.2				
-50	1.9	3.3	6.6	10.7	14.3	17.6	19.8	20.5	20.5	19.8	17.6	14.3	10.7	6.6	3.3	1.9			
-60		2.2	4.4	7.2	10.1	12.4	13.8	14.6	14.6	13.8	12.4	10.1	7.2	4.4	2.2				
-70	0.5	4.2		11.1		17.6		19.5		17.6		11.1		4.2		0.5			
-80		4.2		11.1		17.6		19.5		17.6		11.1		4.2					
-90	0.5		4.2		11.1		17.6		19.5		17.6		11.1		4.2		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

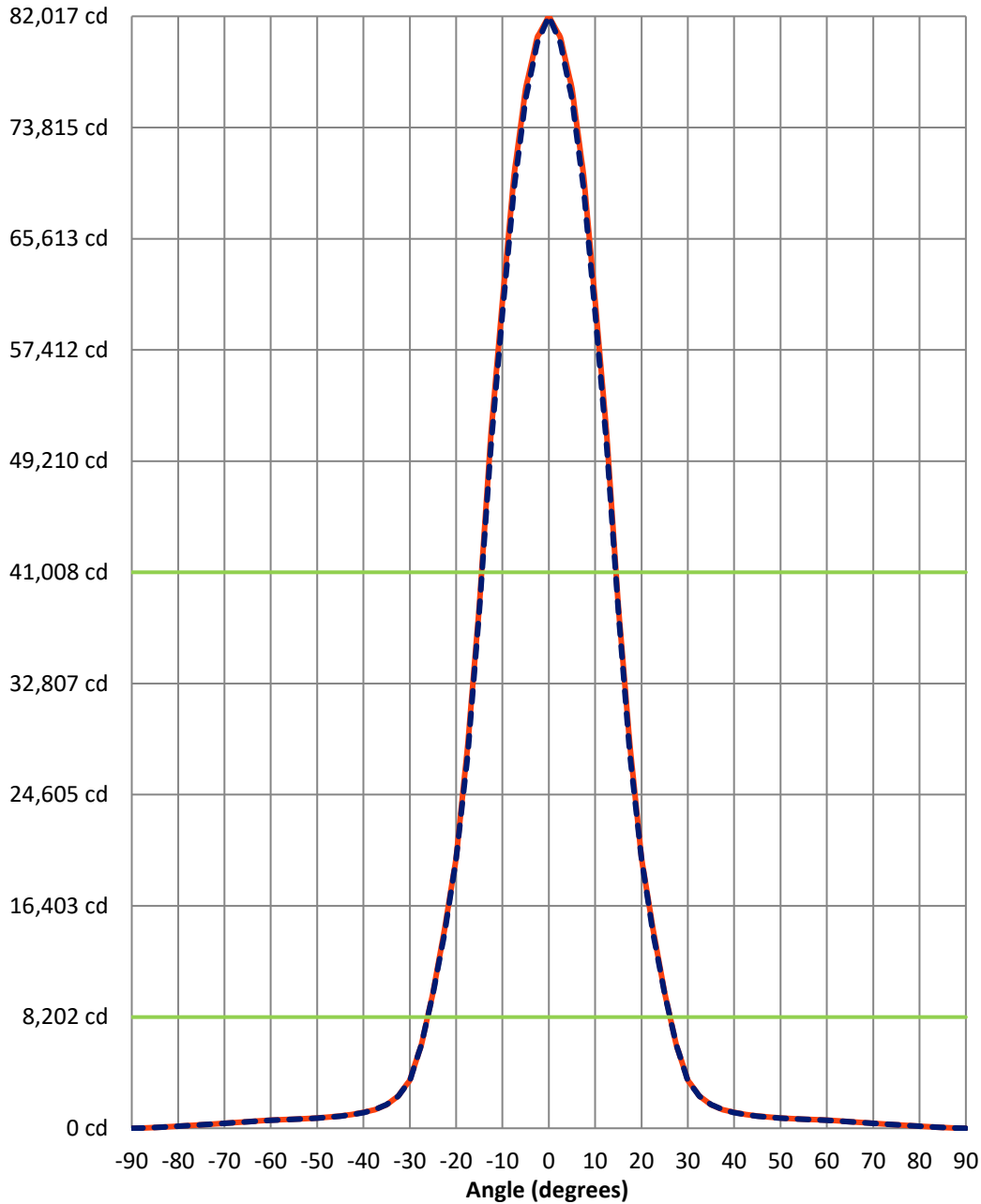
REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12458.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 21024.8
 Efficiency: 82.0%

Spill:
 Lumens: 4600.1
 Efficiency: 18.0%

- 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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-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	0.9	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	2.8	5.5	8.2	11.0	13.7	16.3	19.0	22.0	27.0	32.2
80°	0.0	3.7	7.3	11.0	14.6	18.2	22.2	28.6	35.3	42.4	49.8
77.5°	0.0	4.6	9.1	13.7	18.2	23.8	31.6	39.8	48.5	57.6	67.6
75°	0.0	5.5	10.9	16.3	22.2	31.6	40.8	50.8	61.7	74.5	87.1
72.5°	0.0	6.3	12.7	19.0	28.4	39.2	50.0	62.4	77.2	91.9	106.3
70°	0.0	7.2	14.4	22.0	34.4	46.8	59.4	75.8	92.5	109.1	127.0
67.5°	0.0	8.1	16.1	26.4	40.4	54.2	70.9	89.0	107.6	127.8	147.7
65°	0.0	8.9	17.8	30.8	46.2	62.6	82.2	102.0	124.1	146.3	168.7
62.5°	0.0	9.7	19.5	35.2	52.0	71.8	93.2	115.8	140.2	164.6	190.2
60°	0.0	10.5	21.1	39.4	57.6	80.9	104.1	129.6	156.0	183.2	211.2
57.5°	0.0	11.3	23.8	43.5	64.6	89.7	115.5	143.1	171.7	201.1	231.9
55°	0.0	12.1	26.5	47.5	71.5	98.3	126.6	156.2	186.9	218.7	252.2
52.5°	0.0	12.8	29.1	51.4	78.2	106.7	137.3	169.0	201.5	236.5	271.9
50°	0.0	13.6	31.6	55.1	84.6	115.2	147.5	181.3	215.8	253.6	290.2
47.5°	0.0	14.3	34.0	59.0	90.8	123.3	157.4	193.2	230.5	270.2	307.5
45°	0.0	14.9	36.3	63.5	96.8	131.1	167.2	204.6	244.8	284.8	323.8
42.5°	0.0	15.6	38.5	67.8	102.6	138.4	176.5	216.0	258.2	298.6	338.8
40°	0.0	16.2	40.7	71.9	108.1	145.4	185.4	227.1	270.6	311.5	353.1
37.5°	0.0	16.7	42.7	75.6	113.3	151.9	193.9	237.4	281.5	323.9	366.5
35°	0.0	17.3	44.6	79.1	118.3	158.3	201.8	247.1	291.9	335.6	379.1
32.5°	0.0	17.8	46.4	82.4	122.8	164.5	209.3	256.0	301.5	346.5	391.4
30°	0.0	18.3	48.0	85.4	127.1	170.3	216.5	264.2	310.5	356.7	402.7
27.5°	0.0	18.7	49.6	88.1	130.9	175.6	223.0	271.3	318.7	366.1	413.2
25°	0.0	19.1	51.0	90.5	134.5	180.5	228.9	277.9	326.3	374.7	422.8
22.5°	0.0	19.5	52.3	92.7	137.8	184.9	234.1	283.7	333.1	382.3	432.4
20°	0.0	19.8	53.5	94.6	140.8	188.7	238.7	289.0	339.1	389.2	441.0
17.5°	0.0	20.1	54.5	96.2	143.5	192.0	242.9	293.5	344.3	395.1	448.4
15°	0.0	20.4	55.4	97.5	145.8	194.7	246.8	297.7	348.8	400.1	454.8
12.5°	0.0	20.6	56.2	98.6	147.9	196.9	250.1	301.6	352.9	404.2	460.0
10°	0.0	20.8	56.8	99.4	149.6	198.6	252.9	304.8	356.6	409.1	464.8
7.5°	0.0	20.9	57.3	99.9	150.9	199.7	255.1	307.3	359.5	413.5	470.1
5°	0.0	21.0	57.6	100.2	151.9	200.3	256.7	309.2	361.6	417.0	474.3
2.5°	0.0	21.1	57.8	100.2	152.5	200.4	257.7	310.2	362.9	419.6	477.3
0°	0.0	21.1	57.9	100.0	152.7	200.1	258.0	310.6	363.3	421.2	479.1
-2.5°	0.0	21.1	57.8	100.2	152.5	200.4	257.7	310.2	362.9	419.6	477.3
-5°	0.0	21.0	57.6	100.2	151.9	200.3	256.7	309.2	361.6	417.0	474.3
-7.5°	0.0	20.9	57.3	99.9	150.9	199.7	255.1	307.3	359.5	413.5	470.1
-10°	0.0	20.8	56.8	99.4	149.6	198.6	252.9	304.8	356.6	409.1	464.8
-12.5°	0.0	20.6	56.2	98.6	147.9	196.9	250.1	301.6	352.9	404.2	460.0
-15°	0.0	20.4	55.4	97.5	145.8	194.7	246.8	297.7	348.8	400.1	454.8
-17.5°	0.0	20.1	54.5	96.2	143.5	192.0	242.9	293.5	344.3	395.1	448.4
-20°	0.0	19.8	53.5	94.6	140.8	188.7	238.7	289.0	339.1	389.2	441.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.5	52.3	92.7	137.8	184.9	234.1	283.7	333.1	382.3	432.4
-25°	0.0	19.1	51.0	90.5	134.5	180.5	228.9	277.9	326.3	374.7	422.8
-27.5°	0.0	18.7	49.6	88.1	130.9	175.6	223.0	271.3	318.7	366.1	413.2
-30°	0.0	18.3	48.0	85.4	127.1	170.3	216.5	264.2	310.5	356.7	402.7
-32.5°	0.0	17.8	46.4	82.4	122.8	164.5	209.3	256.0	301.5	346.5	391.4
-35°	0.0	17.3	44.6	79.1	118.3	158.3	201.8	247.1	291.9	335.6	379.1
-37.5°	0.0	16.7	42.7	75.6	113.3	151.9	193.9	237.4	281.5	323.9	366.5
-40°	0.0	16.2	40.7	71.9	108.1	145.4	185.4	227.1	270.6	311.5	353.1
-42.5°	0.0	15.6	38.5	67.8	102.6	138.4	176.5	216.0	258.2	298.6	338.8
-45°	0.0	14.9	36.3	63.5	96.8	131.1	167.2	204.6	244.8	284.8	323.8
-47.5°	0.0	14.3	34.0	59.0	90.8	123.3	157.4	193.2	230.5	270.2	307.5
-50°	0.0	13.6	31.6	55.1	84.6	115.2	147.5	181.3	215.8	253.6	290.2
-52.5°	0.0	12.8	29.1	51.4	78.2	106.7	137.3	169.0	201.5	236.5	271.9
-55°	0.0	12.1	26.5	47.5	71.5	98.3	126.6	156.2	186.9	218.7	252.2
-57.5°	0.0	11.3	23.8	43.5	64.6	89.7	115.5	143.1	171.7	201.1	231.9
-60°	0.0	10.5	21.1	39.4	57.6	80.9	104.1	129.6	156.0	183.2	211.2
-62.5°	0.0	9.7	19.5	35.2	52.0	71.8	93.2	115.8	140.2	164.6	190.2
-65°	0.0	8.9	17.8	30.8	46.2	62.6	82.2	102.0	124.1	146.3	168.7
-67.5°	0.0	8.1	16.1	26.4	40.4	54.2	70.9	89.0	107.6	127.8	147.7
-70°	0.0	7.2	14.4	22.0	34.4	46.8	59.4	75.8	92.5	109.1	127.0
-72.5°	0.0	6.3	12.7	19.0	28.4	39.2	50.0	62.4	77.2	91.9	106.3
-75°	0.0	5.5	10.9	16.3	22.2	31.6	40.8	50.8	61.7	74.5	87.1
-77.5°	0.0	4.6	9.1	13.7	18.2	23.8	31.6	39.8	48.5	57.6	67.6
-80°	0.0	3.7	7.3	11.0	14.6	18.2	22.2	28.6	35.3	42.4	49.8
-82.5°	0.0	2.8	5.5	8.2	11.0	13.7	16.3	19.0	22.0	27.0	32.2
-85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
85°	19.5	21.1	24.2	27.3	30.2	33.1	35.8	38.5	41.0	43.5	45.8
82.5°	37.2	42.0	46.7	51.3	55.7	60.0	64.2	68.2	72.0	75.6	79.1
80°	56.4	62.9	69.4	75.3	81.2	86.9	92.5	97.8	102.9	108.3	114.1
77.5°	76.8	85.1	92.6	99.4	106.8	115.8	124.4	132.7	140.7	148.3	155.5
75°	97.9	107.2	117.5	127.6	138.2	149.0	159.4	169.5	179.3	189.4	199.4
72.5°	120.0	132.7	145.1	157.1	170.5	183.5	195.6	206.5	218.9	232.6	245.1
70°	143.4	158.1	173.7	189.2	204.3	218.9	233.8	248.8	263.9	278.6	292.6
67.5°	167.0	185.5	203.5	221.1	238.2	255.7	273.4	291.5	308.8	325.5	341.6
65°	192.1	212.7	232.9	252.6	271.8	293.1	313.9	334.1	356.1	376.6	394.3
62.5°	216.5	239.6	262.0	284.2	307.4	331.0	355.2	380.6	406.8	425.7	442.1
60°	240.0	266.1	291.0	316.5	342.4	369.0	396.8	423.8	447.8	468.5	485.7
57.5°	262.9	292.1	319.7	347.4	375.7	406.0	436.6	464.2	486.6	506.5	525.4
55°	285.1	317.5	346.9	376.4	408.5	444.0	475.3	500.3	523.2	539.6	557.7
52.5°	306.3	340.9	371.7	404.7	441.5	478.2	509.5	533.7	552.9	570.0	587.5
50°	326.5	361.4	395.5	433.0	471.9	508.8	540.4	562.6	582.0	599.7	616.6
47.5°	344.8	381.1	419.6	459.8	500.4	536.8	567.1	589.8	609.8	628.1	646.6
45°	362.1	401.1	442.0	486.0	527.6	563.7	591.3	615.7	634.9	655.4	678.7
42.5°	378.7	420.3	464.7	511.6	554.1	587.1	613.9	637.2	659.4	684.1	710.0
40°	394.9	438.2	486.3	535.5	578.8	607.5	634.3	659.0	684.6	712.6	740.9
37.5°	410.0	456.6	506.5	557.9	597.1	626.8	654.5	682.1	710.8	740.9	776.1
35°	423.9	473.5	525.8	575.5	613.1	645.6	675.2	705.1	737.3	774.1	812.9
32.5°	437.5	488.8	543.8	590.4	627.8	662.4	695.1	729.0	765.8	806.3	850.7
30°	450.8	503.9	559.5	605.5	640.8	676.3	714.7	752.4	793.2	838.3	890.4
27.5°	463.7	517.8	572.6	617.4	652.3	688.3	729.5	775.3	820.0	869.3	929.8
25°	475.5	532.1	585.6	626.9	662.1	699.9	742.9	791.7	844.2	902.9	976.9
22.5°	486.8	545.1	597.9	634.9	670.3	710.0	756.2	807.8	865.0	932.9	1023.3
20°	497.2	555.2	606.1	642.3	677.1	718.1	767.8	822.1	887.4	969.7	1077.8
17.5°	506.4	563.7	611.7	648.3	684.2	726.4	777.6	834.2	907.6	1002.2	1130.2
15°	514.2	570.7	616.6	653.0	690.3	734.9	787.7	849.3	929.7	1034.1	1175.4
12.5°	520.7	576.2	620.7	656.4	695.0	741.3	796.3	864.0	951.8	1068.8	1236.3
10°	525.7	580.1	623.9	658.4	698.3	745.5	803.0	875.4	969.7	1097.8	1288.4
7.5°	530.7	583.7	626.2	659.3	700.3	747.6	807.7	883.4	982.8	1119.5	1330.0
5°	534.2	587.0	627.6	661.3	701.5	748.5	810.9	888.1	991.0	1133.9	1359.4
2.5°	536.3	588.9	627.6	662.8	701.6	748.9	814.7	890.7	1000.0	1146.0	1376.1
0°	537.0	589.6	626.5	663.3	700.2	747.6	816.0	889.7	1005.5	1152.9	1379.3
-2.5°	536.3	588.9	627.6	662.8	701.6	748.9	814.7	890.7	1000.0	1146.0	1376.1
-5°	534.2	587.0	627.6	661.3	701.5	748.5	810.9	888.1	991.0	1133.9	1359.4
-7.5°	530.7	583.7	626.2	659.3	700.3	747.6	807.7	883.4	982.8	1119.5	1330.0
-10°	525.7	580.1	623.9	658.4	698.3	745.5	803.0	875.4	969.7	1097.8	1288.4
-12.5°	520.7	576.2	620.7	656.4	695.0	741.3	796.3	864.0	951.8	1068.8	1236.3
-15°	514.2	570.7	616.6	653.0	690.3	734.9	787.7	849.3	929.7	1034.1	1175.4
-17.5°	506.4	563.7	611.7	648.3	684.2	726.4	777.6	834.2	907.6	1002.2	1130.2
-20°	497.2	555.2	606.1	642.3	677.1	718.1	767.8	822.1	887.4	969.7	1077.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	486.8	545.1	597.9	634.9	670.3	710.0	756.2	807.8	865.0	932.9	1023.3
-25°	475.5	532.1	585.6	626.9	662.1	699.9	742.9	791.7	844.2	902.9	976.9
-27.5°	463.7	517.8	572.6	617.4	652.3	688.3	729.5	775.3	820.0	869.3	929.8
-30°	450.8	503.9	559.5	605.5	640.8	676.3	714.7	752.4	793.2	838.3	890.4
-32.5°	437.5	488.8	543.8	590.4	627.8	662.4	695.1	729.0	765.8	806.3	850.7
-35°	423.9	473.5	525.8	575.5	613.1	645.6	675.2	705.1	737.3	774.1	812.9
-37.5°	410.0	456.6	506.5	557.9	597.1	626.8	654.5	682.1	710.8	740.9	776.1
-40°	394.9	438.2	486.3	535.5	578.8	607.5	634.3	659.0	684.6	712.6	740.9
-42.5°	378.7	420.3	464.7	511.6	554.1	587.1	613.9	637.2	659.4	684.1	710.0
-45°	362.1	401.1	442.0	486.0	527.6	563.7	591.3	615.7	634.9	655.4	678.7
-47.5°	344.8	381.1	419.6	459.8	500.4	536.8	567.1	589.8	609.8	628.1	646.6
-50°	326.5	361.4	395.5	433.0	471.9	508.8	540.4	562.6	582.0	599.7	616.6
-52.5°	306.3	340.9	371.7	404.7	441.5	478.2	509.5	533.7	552.9	570.0	587.5
-55°	285.1	317.5	346.9	376.4	408.5	444.0	475.3	500.3	523.2	539.6	557.7
-57.5°	262.9	292.1	319.7	347.4	375.7	406.0	436.6	464.2	486.6	506.5	525.4
-60°	240.0	266.1	291.0	316.5	342.4	369.0	396.8	423.8	447.8	468.5	485.7
-62.5°	216.5	239.6	262.0	284.2	307.4	331.0	355.2	380.6	406.8	425.7	442.1
-65°	192.1	212.7	232.9	252.6	271.8	293.1	313.9	334.1	356.1	376.6	394.3
-67.5°	167.0	185.5	203.5	221.1	238.2	255.7	273.4	291.5	308.8	325.5	341.6
-70°	143.4	158.1	173.7	189.2	204.3	218.9	233.8	248.8	263.9	278.6	292.6
-72.5°	120.0	132.7	145.1	157.1	170.5	183.5	195.6	206.5	218.9	232.6	245.1
-75°	97.9	107.2	117.5	127.6	138.2	149.0	159.4	169.5	179.3	189.4	199.4
-77.5°	76.8	85.1	92.6	99.4	106.8	115.8	124.4	132.7	140.7	148.3	155.5
-80°	56.4	62.9	69.4	75.3	81.2	86.9	92.5	97.8	102.9	108.3	114.1
-82.5°	37.2	42.0	46.7	51.3	55.7	60.0	64.2	68.2	72.0	75.6	79.1
-85°	19.5	21.1	24.2	27.3	30.2	33.1	35.8	38.5	41.0	43.5	45.8
-87.5°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	20.6	20.8
85°	47.9	50.0	51.9	53.7	55.3	55.7	55.8	55.7	55.4	56.2	56.8
82.5°	82.4	86.1	89.8	93.5	97.1	98.5	99.4	100.1	100.5	101.9	103.1
80°	119.6	125.4	130.8	135.6	139.9	143.0	145.8	148.3	150.7	151.8	152.3
77.5°	162.8	169.9	176.5	182.6	188.3	192.8	196.4	199.4	201.6	203.1	204.0
75°	209.3	218.3	226.3	233.7	240.5	245.3	248.6	251.1	252.7	254.5	255.9
72.5°	256.4	266.6	276.1	285.0	292.9	298.4	302.2	305.3	307.6	309.4	310.3
70°	305.9	318.0	328.5	337.4	344.5	349.8	353.9	357.3	359.8	361.6	362.5
67.5°	357.0	370.1	379.9	387.7	394.0	399.6	404.7	408.6	411.1	413.6	416.3
65°	409.2	422.5	432.5	440.8	447.5	454.7	461.3	466.2	469.5	472.5	475.5
62.5°	458.2	473.3	484.9	495.7	506.7	517.1	523.1	527.7	531.0	534.0	537.4
60°	502.8	519.9	534.1	547.2	560.6	574.0	579.6	584.0	588.1	591.9	595.4
57.5°	542.4	560.5	577.7	590.7	603.6	616.1	624.8	629.6	632.8	634.5	636.0
55°	576.8	594.9	612.2	627.1	641.0	653.9	663.6	668.3	671.7	674.0	675.3
52.5°	607.7	627.0	645.5	662.1	677.1	691.0	703.1	709.5	714.7	718.4	719.6
50°	638.0	658.9	678.9	696.6	714.1	730.8	746.1	755.0	761.3	765.1	766.3
47.5°	669.6	692.3	713.9	734.5	754.4	774.2	792.4	804.5	813.5	820.1	824.9
45°	702.6	727.0	750.9	775.2	798.0	823.5	846.6	864.3	877.3	888.7	897.7
42.5°	735.7	763.2	790.5	821.9	853.1	882.1	909.5	933.0	954.4	975.3	991.7
40°	771.8	801.8	839.3	876.4	914.9	948.6	988.6	1024.5	1057.3	1092.9	1122.3
37.5°	811.2	849.8	894.2	938.6	988.6	1037.1	1093.0	1148.1	1196.0	1258.2	1308.1
35°	854.1	903.0	955.4	1015.1	1079.6	1155.7	1233.9	1325.7	1403.5	1502.4	1593.7
32.5°	901.9	959.5	1027.4	1109.4	1196.5	1318.7	1433.3	1588.9	1721.8	1893.4	2080.8
30°	950.5	1024.8	1117.3	1223.3	1370.6	1543.9	1746.1	2009.1	2293.6	2587.9	2984.1
27.5°	1008.1	1104.6	1220.2	1383.8	1604.0	1844.0	2255.9	2700.7	3320.3	3810.8	4684.4
25°	1070.2	1189.7	1360.3	1597.5	1901.7	2387.5	3082.8	3887.9	5127.7	6230.5	7497.9
22.5°	1143.7	1306.1	1531.9	1842.5	2372.9	3208.7	4294.0	5947.3	7785.2	9599.2	11257.2
20°	1221.6	1417.6	1733.4	2239.3	3059.1	4267.6	6204.0	8566.4	11006.4	13492.4	15587.4
17.5°	1312.5	1578.7	1994.7	2666.6	3836.2	5905.3	8491.6	11495.6	14683.3	17855.6	20611.0
15°	1390.6	1719.5	2279.7	3286.1	5030.2	7618.3	10797.0	14590.9	18599.6	22716.5	27178.4
12.5°	1490.3	1889.3	2573.3	3798.2	6089.6	9453.5	13342.9	17747.8	22642.9	28109.1	35065.2
10°	1581.7	2067.2	2959.5	4618.9	7363.0	11167.8	15541.9	20539.5	26888.9	35103.2	43493.9
7.5°	1654.9	2208.4	3259.1	5259.2	8431.0	12632.3	17522.1	23513.9	31435.3	41216.6	50803.6
5°	1705.9	2306.2	3473.4	5743.0	9290.0	13751.5	18927.3	25706.5	35267.3	46220.8	56009.6
2.5°	1737.9	2359.8	3578.3	6030.3	9850.4	14425.1	19804.0	27100.0	37616.0	49406.3	59317.2
0°	1753.1	2369.1	3511.5	6170.1	9929.0	14377.5	19884.2	27565.2	38173.3	50271.3	60142.3
-2.5°	1737.9	2359.8	3578.3	6030.3	9850.4	14425.1	19804.0	27100.0	37616.0	49406.3	59317.2
-5°	1705.9	2306.2	3473.4	5743.0	9290.0	13751.5	18927.3	25706.5	35267.3	46220.8	56009.6
-7.5°	1654.9	2208.4	3259.1	5259.2	8431.0	12632.3	17522.1	23513.9	31435.3	41216.6	50803.6
-10°	1581.7	2067.2	2959.5	4618.9	7363.0	11167.8	15541.9	20539.5	26888.9	35103.2	43493.9
-12.5°	1490.3	1889.3	2573.3	3798.2	6089.6	9453.5	13342.9	17747.8	22642.9	28109.1	35065.2
-15°	1390.6	1719.5	2279.7	3286.1	5030.2	7618.3	10797.0	14590.9	18599.6	22716.5	27178.4
-17.5°	1312.5	1578.7	1994.7	2666.6	3836.2	5905.3	8491.6	11495.6	14683.3	17855.6	20611.0
-20°	1221.6	1417.6	1733.4	2239.3	3059.1	4267.6	6204.0	8566.4	11006.4	13492.4	15587.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1143.7	1306.1	1531.9	1842.5	2372.9	3208.7	4294.0	5947.3	7785.2	9599.2	11257.2
-25°	1070.2	1189.7	1360.3	1597.5	1901.7	2387.5	3082.8	3887.9	5127.7	6230.5	7497.9
-27.5°	1008.1	1104.6	1220.2	1383.8	1604.0	1844.0	2255.9	2700.7	3320.3	3810.8	4684.4
-30°	950.5	1024.8	1117.3	1223.3	1370.6	1543.9	1746.1	2009.1	2293.6	2587.9	2984.1
-32.5°	901.9	959.5	1027.4	1109.4	1196.5	1318.7	1433.3	1588.9	1721.8	1893.4	2080.8
-35°	854.1	903.0	955.4	1015.1	1079.6	1155.7	1233.9	1325.7	1403.5	1502.4	1593.7
-37.5°	811.2	849.8	894.2	938.6	988.6	1037.1	1093.0	1148.1	1196.0	1258.2	1308.1
-40°	771.8	801.8	839.3	876.4	914.9	948.6	988.6	1024.5	1057.3	1092.9	1122.3
-42.5°	735.7	763.2	790.5	821.9	853.1	882.1	909.5	933.0	954.4	975.3	991.7
-45°	702.6	727.0	750.9	775.2	798.0	823.5	846.6	864.3	877.3	888.7	897.7
-47.5°	669.6	692.3	713.9	734.5	754.4	774.2	792.4	804.5	813.5	820.1	824.9
-50°	638.0	658.9	678.9	696.6	714.1	730.8	746.1	755.0	761.3	765.1	766.3
-52.5°	607.7	627.0	645.5	662.1	677.1	691.0	703.1	709.5	714.7	718.4	719.6
-55°	576.8	594.9	612.2	627.1	641.0	653.9	663.6	668.3	671.7	674.0	675.3
-57.5°	542.4	560.5	577.7	590.7	603.6	616.1	624.8	629.6	632.8	634.5	636.0
-60°	502.8	519.9	534.1	547.2	560.6	574.0	579.6	584.0	588.1	591.9	595.4
-62.5°	458.2	473.3	484.9	495.7	506.7	517.1	523.1	527.7	531.0	534.0	537.4
-65°	409.2	422.5	432.5	440.8	447.5	454.7	461.3	466.2	469.5	472.5	475.5
-67.5°	357.0	370.1	379.9	387.7	394.0	399.6	404.7	408.6	411.1	413.6	416.3
-70°	305.9	318.0	328.5	337.4	344.5	349.8	353.9	357.3	359.8	361.6	362.5
-72.5°	256.4	266.6	276.1	285.0	292.9	298.4	302.2	305.3	307.6	309.4	310.3
-75°	209.3	218.3	226.3	233.7	240.5	245.3	248.6	251.1	252.7	254.5	255.9
-77.5°	162.8	169.9	176.5	182.6	188.3	192.8	196.4	199.4	201.6	203.1	204.0
-80°	119.6	125.4	130.8	135.6	139.9	143.0	145.8	148.3	150.7	151.8	152.3
-82.5°	82.4	86.1	89.8	93.5	97.1	98.5	99.4	100.1	100.5	101.9	103.1
-85°	47.9	50.0	51.9	53.7	55.3	55.7	55.8	55.7	55.4	56.2	56.8
-87.5°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	20.6	20.8
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	20.9	21.0	21.1	21.1	21.1	21.0	20.9	20.8	20.6	20.4	20.1
85°	57.3	57.6	57.8	57.9	57.8	57.6	57.3	56.8	56.2	55.4	55.7
82.5°	104.1	104.8	105.2	105.3	105.2	104.8	104.1	103.1	101.9	100.5	100.1
80°	152.4	152.0	152.5	152.7	152.5	152.0	152.4	152.3	151.8	150.7	148.3
77.5°	204.4	204.3	205.0	205.3	205.0	204.3	204.4	204.0	203.1	201.6	199.4
75°	256.7	256.9	257.7	258.0	257.7	256.9	256.7	255.9	254.5	252.7	251.1
72.5°	310.3	309.4	310.2	310.6	310.2	309.4	310.3	310.3	309.4	307.6	305.3
70°	362.7	362.0	365.3	368.5	365.3	362.0	362.7	362.5	361.6	359.8	357.3
67.5°	418.3	419.3	423.1	426.4	423.1	419.3	418.3	416.3	413.6	411.1	408.6
65°	477.1	477.3	480.8	484.3	480.8	477.3	477.1	475.5	472.5	469.5	466.2
62.5°	539.4	540.0	543.8	547.5	543.8	540.0	539.4	537.4	534.0	531.0	527.7
60°	597.5	598.1	599.5	600.2	599.5	598.1	597.5	595.4	591.9	588.1	584.0
57.5°	636.5	635.9	636.5	637.0	636.5	635.9	636.5	636.0	634.5	632.8	629.6
55°	675.1	673.3	671.3	668.6	671.3	673.3	675.1	675.3	674.0	671.7	668.3
52.5°	718.6	715.9	713.3	710.7	713.3	715.9	718.6	719.6	718.4	714.7	709.5
50°	765.6	763.1	760.7	758.1	760.7	763.1	765.6	766.3	765.1	761.3	755.0
47.5°	828.1	829.2	828.7	826.5	828.7	829.2	828.1	824.9	820.1	813.5	804.5
45°	904.1	907.2	907.5	905.5	907.5	907.2	904.1	897.7	888.7	877.3	864.3
42.5°	1003.2	1009.9	1013.6	1016.1	1013.6	1009.9	1003.2	991.7	975.3	954.4	933.0
40°	1143.6	1157.2	1165.9	1174.0	1165.9	1157.2	1143.6	1122.3	1092.9	1057.3	1024.5
37.5°	1345.1	1369.8	1380.8	1374.1	1380.8	1369.8	1345.1	1308.1	1258.2	1196.0	1148.1
35°	1664.0	1710.9	1735.3	1737.3	1735.3	1710.9	1664.0	1593.7	1502.4	1403.5	1325.7
32.5°	2219.4	2315.4	2367.0	2374.3	2367.0	2315.4	2219.4	2080.8	1893.4	1721.8	1588.9
30°	3287.4	3483.4	3575.4	3553.6	3575.4	3483.4	3287.4	2984.1	2587.9	2293.6	2009.1
27.5°	5363.5	5852.2	6141.7	6164.8	6141.7	5852.2	5363.5	4684.4	3810.8	3320.3	2700.7
25°	8620.4	9454.6	9988.7	9997.4	9988.7	9454.6	8620.4	7497.9	6230.5	5127.7	3887.9
22.5°	12790.3	13929.0	14552.9	14661.8	14552.9	13929.0	12790.3	11257.2	9599.2	7785.2	5947.3
20°	17621.3	19136.1	19946.5	19947.4	19946.5	19136.1	17621.3	15587.4	13492.4	11006.4	8566.4
17.5°	23570.8	26030.5	27574.5	28239.1	27574.5	26030.5	23570.8	20611.0	17855.6	14683.3	11495.6
15°	31474.9	35608.2	38085.0	38531.3	38085.0	35608.2	31474.9	27178.4	22716.5	18599.6	14590.9
12.5°	41099.0	46329.8	49846.0	51134.7	49846.0	46329.8	41099.0	35065.2	28109.1	22642.9	17747.8
10°	51147.3	55994.0	59760.9	61026.8	59760.9	55994.0	51147.3	43493.9	35103.2	26888.9	20539.5
7.5°	58406.5	64186.0	68429.1	70292.4	68429.1	64186.0	58406.5	50803.6	41216.6	31435.3	23513.9
5°	64136.9	70975.4	74925.3	76678.3	74925.3	70975.4	64136.9	56009.6	46220.8	35267.3	25706.5
2.5°	67896.7	74653.8	78836.5	80453.0	78836.5	74653.8	67896.7	59317.2	49406.3	37616.0	27100.0
0°	69302.7	75909.7	80042.4	82016.6	80042.4	75909.7	69302.7	60142.3	50271.3	38173.3	27565.2
-2.5°	67896.7	74653.8	78836.5	80453.0	78836.5	74653.8	67896.7	59317.2	49406.3	37616.0	27100.0
-5°	64136.9	70975.4	74925.3	76678.3	74925.3	70975.4	64136.9	56009.6	46220.8	35267.3	25706.5
-7.5°	58406.5	64186.0	68429.1	70292.4	68429.1	64186.0	58406.5	50803.6	41216.6	31435.3	23513.9
-10°	51147.3	55994.0	59760.9	61026.8	59760.9	55994.0	51147.3	43493.9	35103.2	26888.9	20539.5
-12.5°	41099.0	46329.8	49846.0	51134.7	49846.0	46329.8	41099.0	35065.2	28109.1	22642.9	17747.8
-15°	31474.9	35608.2	38085.0	38531.3	38085.0	35608.2	31474.9	27178.4	22716.5	18599.6	14590.9
-17.5°	23570.8	26030.5	27574.5	28239.1	27574.5	26030.5	23570.8	20611.0	17855.6	14683.3	11495.6
-20°	17621.3	19136.1	19946.5	19947.4	19946.5	19136.1	17621.3	15587.4	13492.4	11006.4	8566.4



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12790.3	13929.0	14552.9	14661.8	14552.9	13929.0	12790.3	11257.2	9599.2	7785.2	5947.3
-25°	8620.4	9454.6	9988.7	9997.4	9988.7	9454.6	8620.4	7497.9	6230.5	5127.7	3887.9
-27.5°	5363.5	5852.2	6141.7	6164.8	6141.7	5852.2	5363.5	4684.4	3810.8	3320.3	2700.7
-30°	3287.4	3483.4	3575.4	3553.6	3575.4	3483.4	3287.4	2984.1	2587.9	2293.6	2009.1
-32.5°	2219.4	2315.4	2367.0	2374.3	2367.0	2315.4	2219.4	2080.8	1893.4	1721.8	1588.9
-35°	1664.0	1710.9	1735.3	1737.3	1735.3	1710.9	1664.0	1593.7	1502.4	1403.5	1325.7
-37.5°	1345.1	1369.8	1380.8	1374.1	1380.8	1369.8	1345.1	1308.1	1258.2	1196.0	1148.1
-40°	1143.6	1157.2	1165.9	1174.0	1165.9	1157.2	1143.6	1122.3	1092.9	1057.3	1024.5
-42.5°	1003.2	1009.9	1013.6	1016.1	1013.6	1009.9	1003.2	991.7	975.3	954.4	933.0
-45°	904.1	907.2	907.5	905.5	907.5	907.2	904.1	897.7	888.7	877.3	864.3
-47.5°	828.1	829.2	828.7	826.5	828.7	829.2	828.1	824.9	820.1	813.5	804.5
-50°	765.6	763.1	760.7	758.1	760.7	763.1	765.6	766.3	765.1	761.3	755.0
-52.5°	718.6	715.9	713.3	710.7	713.3	715.9	718.6	719.6	718.4	714.7	709.5
-55°	675.1	673.3	671.3	668.6	671.3	673.3	675.1	675.3	674.0	671.7	668.3
-57.5°	636.5	635.9	636.5	637.0	636.5	635.9	636.5	636.0	634.5	632.8	629.6
-60°	597.5	598.1	599.5	600.2	599.5	598.1	597.5	595.4	591.9	588.1	584.0
-62.5°	539.4	540.0	543.8	547.5	543.8	540.0	539.4	537.4	534.0	531.0	527.7
-65°	477.1	477.3	480.8	484.3	480.8	477.3	477.1	475.5	472.5	469.5	466.2
-67.5°	418.3	419.3	423.1	426.4	423.1	419.3	418.3	416.3	413.6	411.1	408.6
-70°	362.7	362.0	365.3	368.5	365.3	362.0	362.7	362.5	361.6	359.8	357.3
-72.5°	310.3	309.4	310.2	310.6	310.2	309.4	310.3	310.3	309.4	307.6	305.3
-75°	256.7	256.9	257.7	258.0	257.7	256.9	256.7	255.9	254.5	252.7	251.1
-77.5°	204.4	204.3	205.0	205.3	205.0	204.3	204.4	204.0	203.1	201.6	199.4
-80°	152.4	152.0	152.5	152.7	152.5	152.0	152.4	152.3	151.8	150.7	148.3
-82.5°	104.1	104.8	105.2	105.3	105.2	104.8	104.1	103.1	101.9	100.5	100.1
-85°	57.3	57.6	57.8	57.9	57.8	57.6	57.3	56.8	56.2	55.4	55.7
-87.5°	20.9	21.0	21.1	21.1	21.1	21.0	20.9	20.8	20.6	20.4	20.1
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
85°	55.8	55.7	55.3	53.7	51.9	50.0	47.9	45.8	43.5	41.0	38.5
82.5°	99.4	98.5	97.1	93.5	89.8	86.1	82.4	79.1	75.6	72.0	68.2
80°	145.8	143.0	139.9	135.6	130.8	125.4	119.6	114.1	108.3	102.9	97.8
77.5°	196.4	192.8	188.3	182.6	176.5	169.9	162.8	155.5	148.3	140.7	132.7
75°	248.6	245.3	240.5	233.7	226.3	218.3	209.3	199.4	189.4	179.3	169.5
72.5°	302.2	298.4	292.9	285.0	276.1	266.6	256.4	245.1	232.6	218.9	206.5
70°	353.9	349.8	344.5	337.4	328.5	318.0	305.9	292.6	278.6	263.9	248.8
67.5°	404.7	399.6	394.0	387.7	379.9	370.1	357.0	341.6	325.5	308.8	291.5
65°	461.3	454.7	447.5	440.8	432.5	422.5	409.2	394.3	376.6	356.1	334.1
62.5°	523.1	517.1	506.7	495.7	484.9	473.3	458.2	442.1	425.7	406.8	380.6
60°	579.6	574.0	560.6	547.2	534.1	519.9	502.8	485.7	468.5	447.8	423.8
57.5°	624.8	616.1	603.6	590.7	577.7	560.5	542.4	525.4	506.5	486.6	464.2
55°	663.6	653.9	641.0	627.1	612.2	594.9	576.8	557.7	539.6	523.2	500.3
52.5°	703.1	691.0	677.1	662.1	645.5	627.0	607.7	587.5	570.0	552.9	533.7
50°	746.1	730.8	714.1	696.6	678.9	658.9	638.0	616.6	599.7	582.0	562.6
47.5°	792.4	774.2	754.4	734.5	713.9	692.3	669.6	646.6	628.1	609.8	589.8
45°	846.6	823.5	798.0	775.2	750.9	727.0	702.6	678.7	655.4	634.9	615.7
42.5°	909.5	882.1	853.1	821.9	790.5	763.2	735.7	710.0	684.1	659.4	637.2
40°	988.6	948.6	914.9	876.4	839.3	801.8	771.8	740.9	712.6	684.6	659.0
37.5°	1093.0	1037.1	988.6	938.6	894.2	849.8	811.2	776.1	740.9	710.8	682.1
35°	1233.9	1155.7	1079.6	1015.1	955.4	903.0	854.1	812.9	774.1	737.3	705.1
32.5°	1433.3	1318.7	1196.5	1109.4	1027.4	959.5	901.9	850.7	806.3	765.8	729.0
30°	1746.1	1543.9	1370.6	1223.3	1117.3	1024.8	950.5	890.4	838.3	793.2	752.4
27.5°	2255.9	1844.0	1604.0	1383.8	1220.2	1104.6	1008.1	929.8	869.3	820.0	775.3
25°	3082.8	2387.5	1901.7	1597.5	1360.3	1189.7	1070.2	976.9	902.9	844.2	791.7
22.5°	4294.0	3208.7	2372.9	1842.5	1531.9	1306.1	1143.7	1023.3	932.9	865.0	807.8
20°	6204.0	4267.6	3059.1	2239.3	1733.4	1417.6	1221.6	1077.8	969.7	887.4	822.1
17.5°	8491.6	5905.3	3836.2	2666.6	1994.7	1578.7	1312.5	1130.2	1002.2	907.6	834.2
15°	10797.0	7618.3	5030.2	3286.1	2279.7	1719.5	1390.6	1175.4	1034.1	929.7	849.3
12.5°	13342.9	9453.5	6089.6	3798.2	2573.3	1889.3	1490.3	1236.3	1068.8	951.8	864.0
10°	15541.9	11167.8	7363.0	4618.9	2959.5	2067.2	1581.7	1288.4	1097.8	969.7	875.4
7.5°	17522.1	12632.3	8431.0	5259.2	3259.1	2208.4	1654.9	1330.0	1119.5	982.8	883.4
5°	18927.3	13751.5	9290.0	5743.0	3473.4	2306.2	1705.9	1359.4	1133.9	991.0	888.1
2.5°	19804.0	14425.1	9850.4	6030.3	3578.3	2359.8	1737.9	1376.1	1146.0	1000.0	890.7
0°	19884.2	14377.5	9929.0	6170.1	3511.5	2369.1	1753.1	1379.3	1152.9	1005.5	889.7
-2.5°	19804.0	14425.1	9850.4	6030.3	3578.3	2359.8	1737.9	1376.1	1146.0	1000.0	890.7
-5°	18927.3	13751.5	9290.0	5743.0	3473.4	2306.2	1705.9	1359.4	1133.9	991.0	888.1
-7.5°	17522.1	12632.3	8431.0	5259.2	3259.1	2208.4	1654.9	1330.0	1119.5	982.8	883.4
-10°	15541.9	11167.8	7363.0	4618.9	2959.5	2067.2	1581.7	1288.4	1097.8	969.7	875.4
-12.5°	13342.9	9453.5	6089.6	3798.2	2573.3	1889.3	1490.3	1236.3	1068.8	951.8	864.0
-15°	10797.0	7618.3	5030.2	3286.1	2279.7	1719.5	1390.6	1175.4	1034.1	929.7	849.3
-17.5°	8491.6	5905.3	3836.2	2666.6	1994.7	1578.7	1312.5	1130.2	1002.2	907.6	834.2
-20°	6204.0	4267.6	3059.1	2239.3	1733.4	1417.6	1221.6	1077.8	969.7	887.4	822.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4294.0	3208.7	2372.9	1842.5	1531.9	1306.1	1143.7	1023.3	932.9	865.0	807.8
-25°	3082.8	2387.5	1901.7	1597.5	1360.3	1189.7	1070.2	976.9	902.9	844.2	791.7
-27.5°	2255.9	1844.0	1604.0	1383.8	1220.2	1104.6	1008.1	929.8	869.3	820.0	775.3
-30°	1746.1	1543.9	1370.6	1223.3	1117.3	1024.8	950.5	890.4	838.3	793.2	752.4
-32.5°	1433.3	1318.7	1196.5	1109.4	1027.4	959.5	901.9	850.7	806.3	765.8	729.0
-35°	1233.9	1155.7	1079.6	1015.1	955.4	903.0	854.1	812.9	774.1	737.3	705.1
-37.5°	1093.0	1037.1	988.6	938.6	894.2	849.8	811.2	776.1	740.9	710.8	682.1
-40°	988.6	948.6	914.9	876.4	839.3	801.8	771.8	740.9	712.6	684.6	659.0
-42.5°	909.5	882.1	853.1	821.9	790.5	763.2	735.7	710.0	684.1	659.4	637.2
-45°	846.6	823.5	798.0	775.2	750.9	727.0	702.6	678.7	655.4	634.9	615.7
-47.5°	792.4	774.2	754.4	734.5	713.9	692.3	669.6	646.6	628.1	609.8	589.8
-50°	746.1	730.8	714.1	696.6	678.9	658.9	638.0	616.6	599.7	582.0	562.6
-52.5°	703.1	691.0	677.1	662.1	645.5	627.0	607.7	587.5	570.0	552.9	533.7
-55°	663.6	653.9	641.0	627.1	612.2	594.9	576.8	557.7	539.6	523.2	500.3
-57.5°	624.8	616.1	603.6	590.7	577.7	560.5	542.4	525.4	506.5	486.6	464.2
-60°	579.6	574.0	560.6	547.2	534.1	519.9	502.8	485.7	468.5	447.8	423.8
-62.5°	523.1	517.1	506.7	495.7	484.9	473.3	458.2	442.1	425.7	406.8	380.6
-65°	461.3	454.7	447.5	440.8	432.5	422.5	409.2	394.3	376.6	356.1	334.1
-67.5°	404.7	399.6	394.0	387.7	379.9	370.1	357.0	341.6	325.5	308.8	291.5
-70°	353.9	349.8	344.5	337.4	328.5	318.0	305.9	292.6	278.6	263.9	248.8
-72.5°	302.2	298.4	292.9	285.0	276.1	266.6	256.4	245.1	232.6	218.9	206.5
-75°	248.6	245.3	240.5	233.7	226.3	218.3	209.3	199.4	189.4	179.3	169.5
-77.5°	196.4	192.8	188.3	182.6	176.5	169.9	162.8	155.5	148.3	140.7	132.7
-80°	145.8	143.0	139.9	135.6	130.8	125.4	119.6	114.1	108.3	102.9	97.8
-82.5°	99.4	98.5	97.1	93.5	89.8	86.1	82.4	79.1	75.6	72.0	68.2
-85°	55.8	55.7	55.3	53.7	51.9	50.0	47.9	45.8	43.5	41.0	38.5
-87.5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
85°	35.8	33.1	30.2	27.3	24.2	21.1	19.5	17.8	16.1	14.4	12.7
82.5°	64.2	60.0	55.7	51.3	46.7	42.0	37.2	32.2	27.0	22.0	19.0
80°	92.5	86.9	81.2	75.3	69.4	62.9	56.4	49.8	42.4	35.3	28.6
77.5°	124.4	115.8	106.8	99.4	92.6	85.1	76.8	67.6	57.6	48.5	39.8
75°	159.4	149.0	138.2	127.6	117.5	107.2	97.9	87.1	74.5	61.7	50.8
72.5°	195.6	183.5	170.5	157.1	145.1	132.7	120.0	106.3	91.9	77.2	62.4
70°	233.8	218.9	204.3	189.2	173.7	158.1	143.4	127.0	109.1	92.5	75.8
67.5°	273.4	255.7	238.2	221.1	203.5	185.5	167.0	147.7	127.8	107.6	89.0
65°	313.9	293.1	271.8	252.6	232.9	212.7	192.1	168.7	146.3	124.1	102.0
62.5°	355.2	331.0	307.4	284.2	262.0	239.6	216.5	190.2	164.6	140.2	115.8
60°	396.8	369.0	342.4	316.5	291.0	266.1	240.0	211.2	183.2	156.0	129.6
57.5°	436.6	406.0	375.7	347.4	319.7	292.1	262.9	231.9	201.1	171.7	143.1
55°	475.3	444.0	408.5	376.4	346.9	317.5	285.1	252.2	218.7	186.9	156.2
52.5°	509.5	478.2	441.5	404.7	371.7	340.9	306.3	271.9	236.5	201.5	169.0
50°	540.4	508.8	471.9	433.0	395.5	361.4	326.5	290.2	253.6	215.8	181.3
47.5°	567.1	536.8	500.4	459.8	419.6	381.1	344.8	307.5	270.2	230.5	193.2
45°	591.3	563.7	527.6	486.0	442.0	401.1	362.1	323.8	284.8	244.8	204.6
42.5°	613.9	587.1	554.1	511.6	464.7	420.3	378.7	338.8	298.6	258.2	216.0
40°	634.3	607.5	578.8	535.5	486.3	438.2	394.9	353.1	311.5	270.6	227.1
37.5°	654.5	626.8	597.1	557.9	506.5	456.6	410.0	366.5	323.9	281.5	237.4
35°	675.2	645.6	613.1	575.5	525.8	473.5	423.9	379.1	335.6	291.9	247.1
32.5°	695.1	662.4	627.8	590.4	543.8	488.8	437.5	391.4	346.5	301.5	256.0
30°	714.7	676.3	640.8	605.5	559.5	503.9	450.8	402.7	356.7	310.5	264.2
27.5°	729.5	688.3	652.3	617.4	572.6	517.8	463.7	413.2	366.1	318.7	271.3
25°	742.9	699.9	662.1	626.9	585.6	532.1	475.5	422.8	374.7	326.3	277.9
22.5°	756.2	710.0	670.3	634.9	597.9	545.1	486.8	432.4	382.3	333.1	283.7
20°	767.8	718.1	677.1	642.3	606.1	555.2	497.2	441.0	389.2	339.1	289.0
17.5°	777.6	726.4	684.2	648.3	611.7	563.7	506.4	448.4	395.1	344.3	293.5
15°	787.7	734.9	690.3	653.0	616.6	570.7	514.2	454.8	400.1	348.8	297.7
12.5°	796.3	741.3	695.0	656.4	620.7	576.2	520.7	460.0	404.2	352.9	301.6
10°	803.0	745.5	698.3	658.4	623.9	580.1	525.7	464.8	409.1	356.6	304.8
7.5°	807.7	747.6	700.3	659.3	626.2	583.7	530.7	470.1	413.5	359.5	307.3
5°	810.9	748.5	701.5	661.3	627.6	587.0	534.2	474.3	417.0	361.6	309.2
2.5°	814.7	748.9	701.6	662.8	627.6	588.9	536.3	477.3	419.6	362.9	310.2
0°	816.0	747.6	700.2	663.3	626.5	589.6	537.0	479.1	421.2	363.3	310.6
-2.5°	814.7	748.9	701.6	662.8	627.6	588.9	536.3	477.3	419.6	362.9	310.2
-5°	810.9	748.5	701.5	661.3	627.6	587.0	534.2	474.3	417.0	361.6	309.2
-7.5°	807.7	747.6	700.3	659.3	626.2	583.7	530.7	470.1	413.5	359.5	307.3
-10°	803.0	745.5	698.3	658.4	623.9	580.1	525.7	464.8	409.1	356.6	304.8
-12.5°	796.3	741.3	695.0	656.4	620.7	576.2	520.7	460.0	404.2	352.9	301.6
-15°	787.7	734.9	690.3	653.0	616.6	570.7	514.2	454.8	400.1	348.8	297.7
-17.5°	777.6	726.4	684.2	648.3	611.7	563.7	506.4	448.4	395.1	344.3	293.5
-20°	767.8	718.1	677.1	642.3	606.1	555.2	497.2	441.0	389.2	339.1	289.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	756.2	710.0	670.3	634.9	597.9	545.1	486.8	432.4	382.3	333.1	283.7
-25°	742.9	699.9	662.1	626.9	585.6	532.1	475.5	422.8	374.7	326.3	277.9
-27.5°	729.5	688.3	652.3	617.4	572.6	517.8	463.7	413.2	366.1	318.7	271.3
-30°	714.7	676.3	640.8	605.5	559.5	503.9	450.8	402.7	356.7	310.5	264.2
-32.5°	695.1	662.4	627.8	590.4	543.8	488.8	437.5	391.4	346.5	301.5	256.0
-35°	675.2	645.6	613.1	575.5	525.8	473.5	423.9	379.1	335.6	291.9	247.1
-37.5°	654.5	626.8	597.1	557.9	506.5	456.6	410.0	366.5	323.9	281.5	237.4
-40°	634.3	607.5	578.8	535.5	486.3	438.2	394.9	353.1	311.5	270.6	227.1
-42.5°	613.9	587.1	554.1	511.6	464.7	420.3	378.7	338.8	298.6	258.2	216.0
-45°	591.3	563.7	527.6	486.0	442.0	401.1	362.1	323.8	284.8	244.8	204.6
-47.5°	567.1	536.8	500.4	459.8	419.6	381.1	344.8	307.5	270.2	230.5	193.2
-50°	540.4	508.8	471.9	433.0	395.5	361.4	326.5	290.2	253.6	215.8	181.3
-52.5°	509.5	478.2	441.5	404.7	371.7	340.9	306.3	271.9	236.5	201.5	169.0
-55°	475.3	444.0	408.5	376.4	346.9	317.5	285.1	252.2	218.7	186.9	156.2
-57.5°	436.6	406.0	375.7	347.4	319.7	292.1	262.9	231.9	201.1	171.7	143.1
-60°	396.8	369.0	342.4	316.5	291.0	266.1	240.0	211.2	183.2	156.0	129.6
-62.5°	355.2	331.0	307.4	284.2	262.0	239.6	216.5	190.2	164.6	140.2	115.8
-65°	313.9	293.1	271.8	252.6	232.9	212.7	192.1	168.7	146.3	124.1	102.0
-67.5°	273.4	255.7	238.2	221.1	203.5	185.5	167.0	147.7	127.8	107.6	89.0
-70°	233.8	218.9	204.3	189.2	173.7	158.1	143.4	127.0	109.1	92.5	75.8
-72.5°	195.6	183.5	170.5	157.1	145.1	132.7	120.0	106.3	91.9	77.2	62.4
-75°	159.4	149.0	138.2	127.6	117.5	107.2	97.9	87.1	74.5	61.7	50.8
-77.5°	124.4	115.8	106.8	99.4	92.6	85.1	76.8	67.6	57.6	48.5	39.8
-80°	92.5	86.9	81.2	75.3	69.4	62.9	56.4	49.8	42.4	35.3	28.6
-82.5°	64.2	60.0	55.7	51.3	46.7	42.0	37.2	32.2	27.0	22.0	19.0
-85°	35.8	33.1	30.2	27.3	24.2	21.1	19.5	17.8	16.1	14.4	12.7
-87.5°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
-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: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-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°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
82.5°	16.3	13.7	11.0	8.2	5.5	2.8	0.0
80°	22.2	18.2	14.6	11.0	7.3	3.7	0.0
77.5°	31.6	23.8	18.2	13.7	9.1	4.6	0.0
75°	40.8	31.6	22.2	16.3	10.9	5.5	0.0
72.5°	50.0	39.2	28.4	19.0	12.7	6.3	0.0
70°	59.4	46.8	34.4	22.0	14.4	7.2	0.0
67.5°	70.9	54.2	40.4	26.4	16.1	8.1	0.0
65°	82.2	62.6	46.2	30.8	17.8	8.9	0.0
62.5°	93.2	71.8	52.0	35.2	19.5	9.7	0.0
60°	104.1	80.9	57.6	39.4	21.1	10.5	0.0
57.5°	115.5	89.7	64.6	43.5	23.8	11.3	0.0
55°	126.6	98.3	71.5	47.5	26.5	12.1	0.0
52.5°	137.3	106.7	78.2	51.4	29.1	12.8	0.0
50°	147.5	115.2	84.6	55.1	31.6	13.6	0.0
47.5°	157.4	123.3	90.8	59.0	34.0	14.3	0.0
45°	167.2	131.1	96.8	63.5	36.3	14.9	0.0
42.5°	176.5	138.4	102.6	67.8	38.5	15.6	0.0
40°	185.4	145.4	108.1	71.9	40.7	16.2	0.0
37.5°	193.9	151.9	113.3	75.6	42.7	16.7	0.0
35°	201.8	158.3	118.3	79.1	44.6	17.3	0.0
32.5°	209.3	164.5	122.8	82.4	46.4	17.8	0.0
30°	216.5	170.3	127.1	85.4	48.0	18.3	0.0
27.5°	223.0	175.6	130.9	88.1	49.6	18.7	0.0
25°	228.9	180.5	134.5	90.5	51.0	19.1	0.0
22.5°	234.1	184.9	137.8	92.7	52.3	19.5	0.0
20°	238.7	188.7	140.8	94.6	53.5	19.8	0.0
17.5°	242.9	192.0	143.5	96.2	54.5	20.1	0.0
15°	246.8	194.7	145.8	97.5	55.4	20.4	0.0
12.5°	250.1	196.9	147.9	98.6	56.2	20.6	0.0
10°	252.9	198.6	149.6	99.4	56.8	20.8	0.0
7.5°	255.1	199.7	150.9	99.9	57.3	20.9	0.0
5°	256.7	200.3	151.9	100.2	57.6	21.0	0.0
2.5°	257.7	200.4	152.5	100.2	57.8	21.1	0.0
0°	258.0	200.1	152.7	100.0	57.9	21.1	0.0
-2.5°	257.7	200.4	152.5	100.2	57.8	21.1	0.0
-5°	256.7	200.3	151.9	100.2	57.6	21.0	0.0
-7.5°	255.1	199.7	150.9	99.9	57.3	20.9	0.0
-10°	252.9	198.6	149.6	99.4	56.8	20.8	0.0
-12.5°	250.1	196.9	147.9	98.6	56.2	20.6	0.0
-15°	246.8	194.7	145.8	97.5	55.4	20.4	0.0
-17.5°	242.9	192.0	143.5	96.2	54.5	20.1	0.0
-20°	238.7	188.7	140.8	94.6	53.5	19.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627405 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	234.1	184.9	137.8	92.7	52.3	19.5	0.0
-25°	228.9	180.5	134.5	90.5	51.0	19.1	0.0
-27.5°	223.0	175.6	130.9	88.1	49.6	18.7	0.0
-30°	216.5	170.3	127.1	85.4	48.0	18.3	0.0
-32.5°	209.3	164.5	122.8	82.4	46.4	17.8	0.0
-35°	201.8	158.3	118.3	79.1	44.6	17.3	0.0
-37.5°	193.9	151.9	113.3	75.6	42.7	16.7	0.0
-40°	185.4	145.4	108.1	71.9	40.7	16.2	0.0
-42.5°	176.5	138.4	102.6	67.8	38.5	15.6	0.0
-45°	167.2	131.1	96.8	63.5	36.3	14.9	0.0
-47.5°	157.4	123.3	90.8	59.0	34.0	14.3	0.0
-50°	147.5	115.2	84.6	55.1	31.6	13.6	0.0
-52.5°	137.3	106.7	78.2	51.4	29.1	12.8	0.0
-55°	126.6	98.3	71.5	47.5	26.5	12.1	0.0
-57.5°	115.5	89.7	64.6	43.5	23.8	11.3	0.0
-60°	104.1	80.9	57.6	39.4	21.1	10.5	0.0
-62.5°	93.2	71.8	52.0	35.2	19.5	9.7	0.0
-65°	82.2	62.6	46.2	30.8	17.8	8.9	0.0
-67.5°	70.9	54.2	40.4	26.4	16.1	8.1	0.0
-70°	59.4	46.8	34.4	22.0	14.4	7.2	0.0
-72.5°	50.0	39.2	28.4	19.0	12.7	6.3	0.0
-75°	40.8	31.6	22.2	16.3	10.9	5.5	0.0
-77.5°	31.6	23.8	18.2	13.7	9.1	4.6	0.0
-80°	22.2	18.2	14.6	11.0	7.3	3.7	0.0
-82.5°	16.3	13.7	11.0	8.2	5.5	2.8	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-87.5°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)