

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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-730-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N138
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

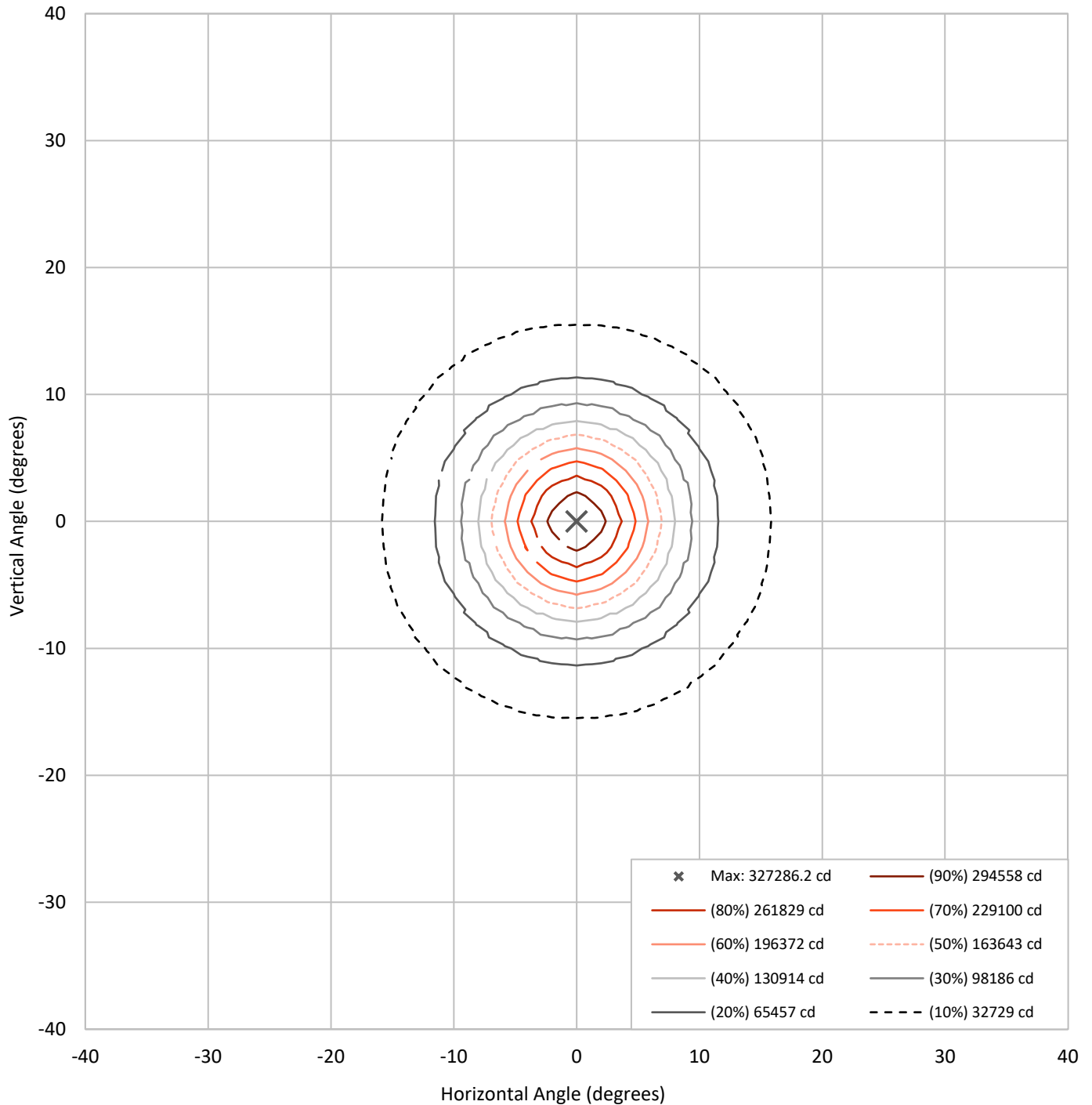
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	34753 lumens	Max Intensity:	327286.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	10274.9 lumens	Field Lumens:	23122.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

Iso-Candela Plot





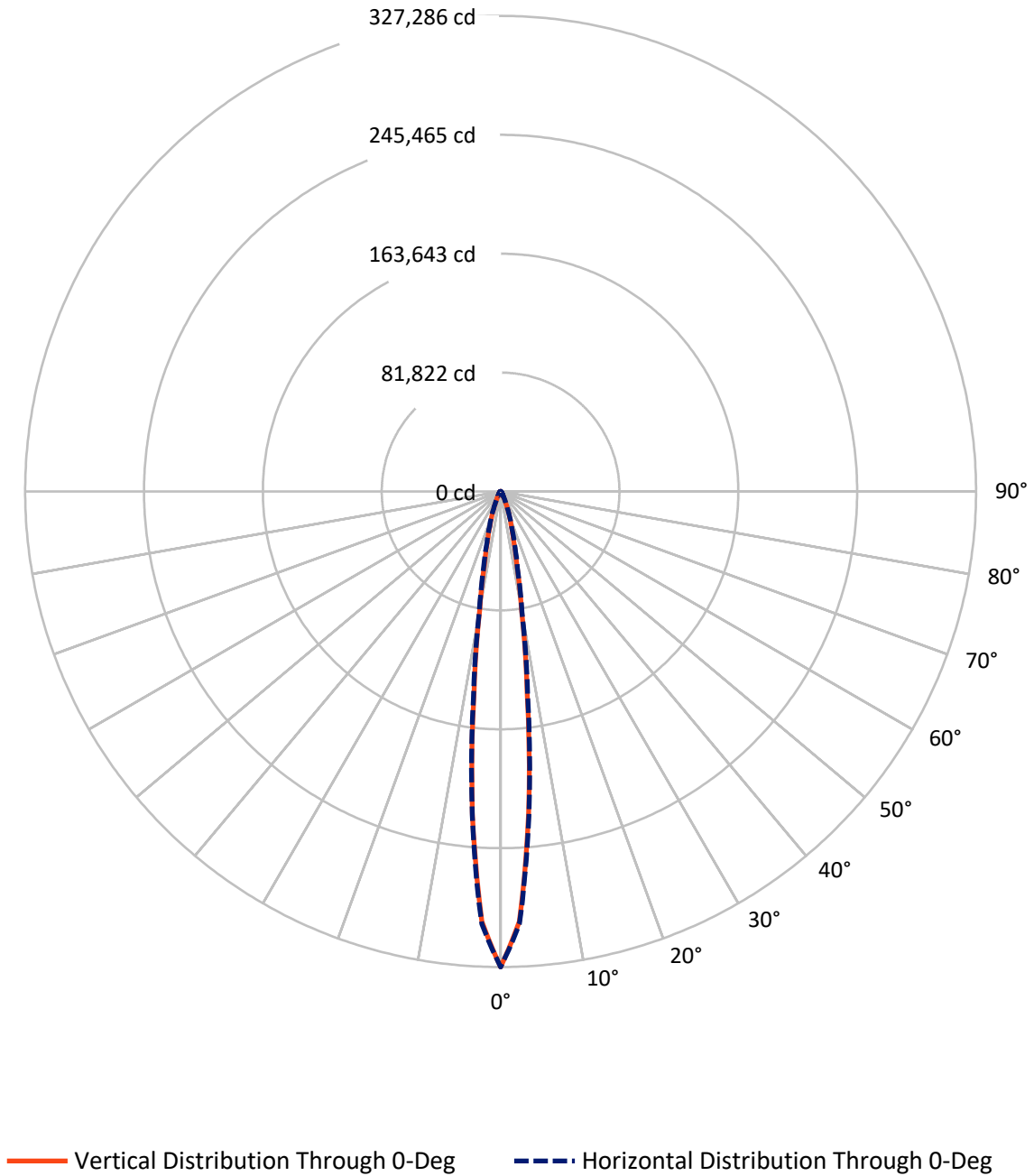
REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

Lumen Table

90	0.6	4.8		12.5		20.2		22.1		20.2		12.5		4.8		0.6			
80	0.6	4.8		12.5		20.2		22.1		20.2		12.5		4.8		0.6			
70	2.2	2.4	5.0	8.2	11.6	14.3	16.0	16.8	16.8	16.0	14.3	11.6	8.2	5.0	2.4	2.2			
60		3.7	7.6	12.2	16.4	20.0	22.4	23.4	23.4	22.4	20.0	16.4	12.2	7.6	3.7				
50	3.8	4.8	9.8	15.1	20.1	25.3	29.8	32.1	32.1	29.8	25.3	20.1	15.1	9.8	4.8	3.8			
40		5.8	11.5	17.4	24.7	35.5	50.1	62.0	62.0	50.1	35.5	24.7	17.4	11.5	5.8				
30	4.9	6.6	12.6	19.7	32.0	63.5	144.6	239.3	239.3	144.6	63.5	32.0	19.7	12.6	6.6	4.9			
20		7.0	13.2	21.7	42.4	134.8	478.8	1031.2	1031.2	478.8	134.8	42.4	21.7	13.2	7.0				
10	5.3	7.3	13.5	23.0	51.3	222.2	1040.8	4496.1	4496.1	1040.8	222.2	51.3	23.0	13.5	7.3	5.3			
0		7.3	13.5	23.0	51.3	222.2	1040.8	4496.1	4496.1	1040.8	222.2	51.3	23.0	13.5	7.3				
-10	4.9	7.0	13.2	21.7	42.4	134.8	478.8	1031.2	1031.2	478.8	134.8	42.4	21.7	13.2	7.0	4.9			
-20		6.6	12.6	19.7	32.0	63.5	144.6	239.3	239.3	144.6	63.5	32.0	19.7	12.6	6.6				
-30	3.8	5.8	11.5	17.4	24.7	35.5	50.1	62.0	62.0	50.1	35.5	24.7	17.4	11.5	5.8	3.8			
-40		4.8	9.8	15.1	20.1	25.3	29.8	32.1	32.1	29.8	25.3	20.1	15.1	9.8	4.8				
-50	2.2	3.7	7.6	12.2	16.4	20.0	22.4	23.4	23.4	22.4	20.0	16.4	12.2	7.6	3.7	2.2			
-60		2.4	5.0	8.2	11.6	14.3	16.0	16.8	16.8	16.0	14.3	11.6	8.2	5.0	2.4				
-70	0.6	4.8		12.5		20.2		22.1		20.2		12.5		4.8		0.6			
-80		4.8		12.5		20.2		22.1		20.2		12.5		4.8					
-90	0.6	4.8		12.5		20.2		22.1		20.2		12.5		4.8		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

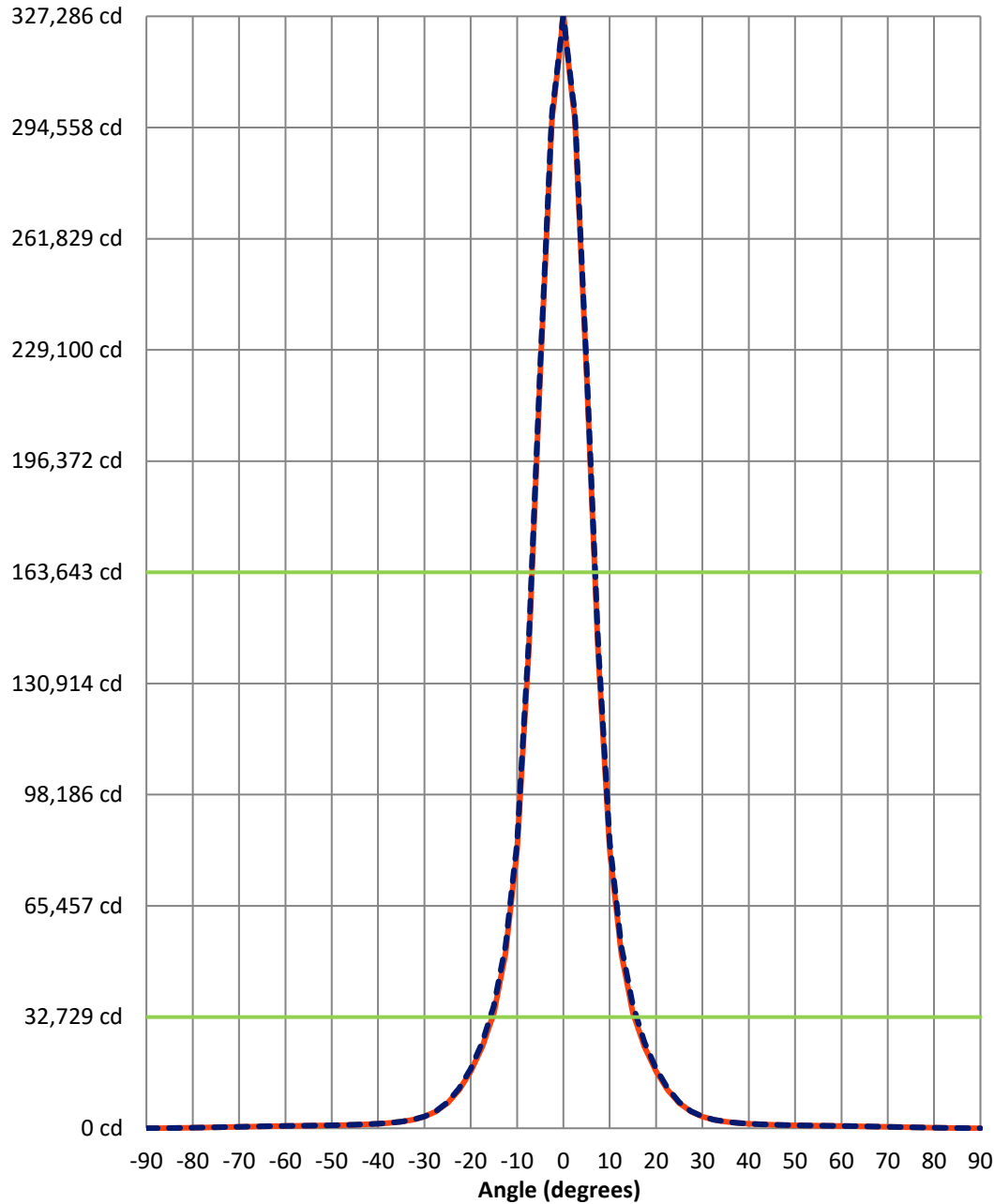
REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 10274.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 23122.8
 Efficiency: 66.5%

Spill:
 Lumens: 11630.2
 Efficiency: 33.5%

— 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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-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	1.1	2.4	3.7	4.9	6.1	7.2	8.4	9.6	10.7	11.8
85°	0.0	2.1	4.9	7.3	9.7	12.1	14.5	16.8	19.1	21.4	23.6
82.5°	0.0	3.2	7.3	10.9	14.5	18.1	21.7	25.2	29.0	34.1	39.2
80°	0.0	4.2	9.7	14.5	19.4	24.1	29.3	36.3	43.2	50.1	56.8
77.5°	0.0	5.3	12.0	18.1	24.1	31.0	39.9	48.7	57.4	65.9	75.0
75°	0.0	6.3	14.4	21.7	29.2	39.4	50.4	61.1	71.6	83.5	95.2
72.5°	0.0	7.3	16.6	25.2	35.6	47.7	60.7	73.8	87.8	101.7	115.3
70°	0.0	8.3	18.8	28.9	41.8	55.8	71.0	87.8	103.8	119.7	137.4
67.5°	0.0	9.3	21.0	33.3	48.0	63.8	82.8	101.7	119.7	139.9	159.8
65°	0.0	10.2	23.1	37.6	53.9	72.4	94.3	115.3	137.4	159.8	183.2
62.5°	0.0	11.1	25.1	41.9	59.8	81.8	105.6	130.0	154.8	180.0	209.5
60°	0.0	12.0	27.0	46.0	65.4	91.0	116.6	144.9	171.9	202.7	235.1
57.5°	0.0	12.9	29.6	49.9	72.5	100.0	128.7	159.5	190.5	224.6	259.8
55°	0.0	13.7	32.1	53.8	79.4	108.7	140.6	173.4	209.0	245.7	283.6
52.5°	0.0	14.5	34.5	57.4	86.2	117.3	152.2	188.5	226.8	266.0	306.5
50°	0.0	15.2	36.8	61.0	92.7	126.6	163.4	203.2	243.9	285.4	328.4
47.5°	0.0	15.9	39.1	64.6	98.9	135.6	174.4	217.4	260.1	303.8	349.9
45°	0.0	16.6	41.3	69.1	104.9	144.2	186.1	231.1	275.7	322.7	370.9
42.5°	0.0	17.2	43.4	73.4	110.6	152.4	197.2	244.1	290.7	341.1	391.3
40°	0.0	17.8	45.5	77.6	116.5	160.2	207.9	256.6	305.4	358.8	411.1
37.5°	0.0	18.3	47.4	81.6	122.4	167.7	218.0	268.4	320.1	375.3	430.4
35°	0.0	18.8	49.3	85.4	128.0	175.2	227.5	279.5	333.7	390.9	448.9
32.5°	0.0	19.3	51.1	89.0	133.2	182.6	236.4	289.9	346.3	405.5	465.0
30°	0.0	19.7	52.7	92.4	138.0	189.5	244.7	299.8	357.8	419.0	479.6
27.5°	0.0	20.1	54.3	95.5	142.7	195.9	252.3	309.1	368.5	431.5	492.7
25°	0.0	20.4	55.8	98.3	147.1	201.7	259.3	317.5	378.5	442.5	504.4
22.5°	0.0	20.6	57.1	100.9	151.1	206.9	265.7	324.9	387.5	451.9	514.5
20°	0.0	20.9	58.3	103.3	154.6	211.4	271.3	331.4	395.5	460.1	523.6
17.5°	0.0	21.0	59.4	105.3	157.8	215.3	276.0	337.0	402.5	467.0	531.7
15°	0.0	21.2	60.3	107.2	160.6	218.5	279.9	342.0	408.4	472.6	538.7
12.5°	0.0	21.2	61.2	108.7	162.9	221.0	283.0	346.5	413.3	476.9	544.5
10°	0.0	21.3	61.9	109.9	164.9	222.9	285.3	350.4	417.1	481.6	550.1
7.5°	0.0	21.3	62.4	110.9	166.4	224.2	287.0	353.5	419.7	485.6	556.5
5°	0.0	21.2	62.8	111.6	167.4	224.8	287.9	355.7	421.2	488.5	561.7
2.5°	0.0	21.1	63.0	112.1	168.1	224.9	288.1	357.1	421.5	490.3	565.6
0°	0.0	21.0	63.1	112.2	168.3	224.4	287.5	357.6	420.7	490.9	568.0
-2.5°	0.0	21.1	63.0	112.1	168.1	224.9	288.1	357.1	421.5	490.3	565.6
-5°	0.0	21.2	62.8	111.6	167.4	224.8	287.9	355.7	421.2	488.5	561.7
-7.5°	0.0	21.3	62.4	110.9	166.4	224.2	287.0	353.5	419.7	485.6	556.5
-10°	0.0	21.3	61.9	109.9	164.9	222.9	285.3	350.4	417.1	481.6	550.1
-12.5°	0.0	21.2	61.2	108.7	162.9	221.0	283.0	346.5	413.3	476.9	544.5
-15°	0.0	21.2	60.3	107.2	160.6	218.5	279.9	342.0	408.4	472.6	538.7
-17.5°	0.0	21.0	59.4	105.3	157.8	215.3	276.0	337.0	402.5	467.0	531.7
-20°	0.0	20.9	58.3	103.3	154.6	211.4	271.3	331.4	395.5	460.1	523.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.6	57.1	100.9	151.1	206.9	265.7	324.9	387.5	451.9	514.5
-25°	0.0	20.4	55.8	98.3	147.1	201.7	259.3	317.5	378.5	442.5	504.4
-27.5°	0.0	20.1	54.3	95.5	142.7	195.9	252.3	309.1	368.5	431.5	492.7
-30°	0.0	19.7	52.7	92.4	138.0	189.5	244.7	299.8	357.8	419.0	479.6
-32.5°	0.0	19.3	51.1	89.0	133.2	182.6	236.4	289.9	346.3	405.5	465.0
-35°	0.0	18.8	49.3	85.4	128.0	175.2	227.5	279.5	333.7	390.9	448.9
-37.5°	0.0	18.3	47.4	81.6	122.4	167.7	218.0	268.4	320.1	375.3	430.4
-40°	0.0	17.8	45.5	77.6	116.5	160.2	207.9	256.6	305.4	358.8	411.1
-42.5°	0.0	17.2	43.4	73.4	110.6	152.4	197.2	244.1	290.7	341.1	391.3
-45°	0.0	16.6	41.3	69.1	104.9	144.2	186.1	231.1	275.7	322.7	370.9
-47.5°	0.0	15.9	39.1	64.6	98.9	135.6	174.4	217.4	260.1	303.8	349.9
-50°	0.0	15.2	36.8	61.0	92.7	126.6	163.4	203.2	243.9	285.4	328.4
-52.5°	0.0	14.5	34.5	57.4	86.2	117.3	152.2	188.5	226.8	266.0	306.5
-55°	0.0	13.7	32.1	53.8	79.4	108.7	140.6	173.4	209.0	245.7	283.6
-57.5°	0.0	12.9	29.6	49.9	72.5	100.0	128.7	159.5	190.5	224.6	259.8
-60°	0.0	12.0	27.0	46.0	65.4	91.0	116.6	144.9	171.9	202.7	235.1
-62.5°	0.0	11.1	25.1	41.9	59.8	81.8	105.6	130.0	154.8	180.0	209.5
-65°	0.0	10.2	23.1	37.6	53.9	72.4	94.3	115.3	137.4	159.8	183.2
-67.5°	0.0	9.3	21.0	33.3	48.0	63.8	82.8	101.7	119.7	139.9	159.8
-70°	0.0	8.3	18.8	28.9	41.8	55.8	71.0	87.8	103.8	119.7	137.4
-72.5°	0.0	7.3	16.6	25.2	35.6	47.7	60.7	73.8	87.8	101.7	115.3
-75°	0.0	6.3	14.4	21.7	29.2	39.4	50.4	61.1	71.6	83.5	95.2
-77.5°	0.0	5.3	12.0	18.1	24.1	31.0	39.9	48.7	57.4	65.9	75.0
-80°	0.0	4.2	9.7	14.5	19.4	24.1	29.3	36.3	43.2	50.1	56.8
-82.5°	0.0	3.2	7.3	10.9	14.5	18.1	21.7	25.2	29.0	34.1	39.2
-85°	0.0	2.1	4.9	7.3	9.7	12.1	14.5	16.8	19.1	21.4	23.6
-87.5°	0.0	1.1	2.4	3.7	4.9	6.1	7.2	8.4	9.6	10.7	11.8
-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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	12.9	14.0	15.0	16.1	17.0	18.0	18.9	19.8	20.6	21.4	22.2
85°	25.8	28.0	31.1	34.2	36.8	39.0	40.9	42.5	45.4	48.5	51.6
82.5°	44.1	48.9	53.6	58.2	61.3	63.9	66.3	69.9	76.1	82.0	87.4
80°	63.3	69.8	77.0	84.2	90.2	96.4	102.7	109.2	116.0	122.4	128.6
77.5°	84.6	93.9	103.1	112.0	120.8	130.4	139.6	148.5	157.0	165.1	172.8
75°	106.7	117.9	130.3	142.5	154.3	165.8	177.1	189.1	200.6	211.5	222.0
72.5°	130.0	144.9	159.5	173.8	189.1	204.2	218.7	232.8	246.4	260.7	275.8
70°	154.8	171.9	190.8	209.1	226.2	244.2	262.2	277.6	292.4	312.1	332.2
67.5°	180.3	203.3	224.7	245.3	268.2	289.3	307.7	327.4	348.4	371.1	391.1
65°	210.3	235.3	260.3	286.2	312.7	334.7	357.7	382.1	405.9	428.6	450.2
62.5°	240.0	268.2	296.9	325.2	352.4	378.9	406.6	433.7	459.8	486.2	509.5
60°	268.5	300.6	330.9	360.5	391.4	424.2	454.9	484.9	516.2	546.1	561.7
57.5°	296.1	330.4	362.1	395.3	431.5	468.6	500.7	534.8	561.7	582.4	602.6
55°	322.1	357.8	392.5	429.8	469.1	507.6	543.5	573.8	598.6	617.6	639.0
52.5°	346.4	384.0	421.8	462.6	504.2	545.3	582.8	611.3	633.6	653.0	673.2
50°	370.3	409.8	449.7	494.4	539.0	582.7	619.5	645.5	666.6	686.5	707.2
47.5°	393.7	435.2	478.1	525.8	574.1	616.4	651.2	675.0	696.3	719.7	742.3
45°	416.7	461.6	507.1	558.2	606.8	647.5	677.1	701.0	727.3	752.6	776.8
42.5°	439.2	487.6	536.9	589.9	636.9	673.6	701.2	729.4	757.7	784.7	812.0
40°	461.8	512.5	564.8	617.5	664.8	696.5	725.8	756.1	787.3	816.6	847.0
37.5°	483.6	536.0	589.9	643.2	686.2	718.3	748.7	782.2	815.1	847.0	886.5
35°	504.2	557.4	611.8	663.3	704.7	737.9	771.9	807.2	841.7	883.0	928.0
32.5°	522.6	576.6	631.7	679.7	720.2	756.1	794.2	831.0	872.4	919.2	973.2
30°	538.2	593.4	648.7	695.6	735.2	773.1	814.5	855.1	903.5	959.7	1024.0
27.5°	551.8	608.5	662.3	709.2	749.5	787.2	830.7	882.0	937.6	1000.6	1076.1
25°	564.6	623.7	675.0	721.7	760.9	800.3	846.9	903.5	970.4	1046.4	1138.8
22.5°	576.7	638.4	688.0	733.5	769.8	812.4	864.8	926.5	999.2	1088.3	1200.7
20°	588.2	649.3	698.4	742.8	776.5	822.8	880.6	946.5	1029.1	1135.3	1265.4
17.5°	598.8	658.7	706.6	748.3	785.2	834.0	894.6	962.9	1055.2	1178.1	1324.9
15°	608.4	666.5	713.1	752.7	793.0	845.8	909.2	983.1	1083.9	1218.8	1377.5
12.5°	616.9	672.9	718.1	756.1	799.3	855.4	922.1	1004.2	1114.9	1258.9	1444.3
10°	624.2	677.8	721.6	758.5	804.0	862.8	932.9	1021.3	1139.5	1290.0	1495.7
7.5°	630.4	681.6	724.1	759.8	807.0	867.9	941.4	1034.4	1156.8	1312.0	1532.7
5°	634.8	684.7	727.0	764.1	811.8	872.0	947.5	1043.3	1166.9	1325.1	1555.8
2.5°	637.3	686.6	728.7	768.2	816.9	875.4	952.2	1053.1	1175.1	1337.9	1573.4
0°	638.1	687.2	729.3	771.3	820.4	876.5	953.7	1058.8	1178.0	1346.3	1584.8
-2.5°	637.3	686.6	728.7	768.2	816.9	875.4	952.2	1053.1	1175.1	1337.9	1573.4
-5°	634.8	684.7	727.0	764.1	811.8	872.0	947.5	1043.3	1166.9	1325.1	1555.8
-7.5°	630.4	681.6	724.1	759.8	807.0	867.9	941.4	1034.4	1156.8	1312.0	1532.7
-10°	624.2	677.8	721.6	758.5	804.0	862.8	932.9	1021.3	1139.5	1290.0	1495.7
-12.5°	616.9	672.9	718.1	756.1	799.3	855.4	922.1	1004.2	1114.9	1258.9	1444.3
-15°	608.4	666.5	713.1	752.7	793.0	845.8	909.2	983.1	1083.9	1218.8	1377.5
-17.5°	598.8	658.7	706.6	748.3	785.2	834.0	894.6	962.9	1055.2	1178.1	1324.9
-20°	588.2	649.3	698.4	742.8	776.5	822.8	880.6	946.5	1029.1	1135.3	1265.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	576.7	638.4	688.0	733.5	769.8	812.4	864.8	926.5	999.2	1088.3	1200.7
-25°	564.6	623.7	675.0	721.7	760.9	800.3	846.9	903.5	970.4	1046.4	1138.8
-27.5°	551.8	608.5	662.3	709.2	749.5	787.2	830.7	882.0	937.6	1000.6	1076.1
-30°	538.2	593.4	648.7	695.6	735.2	773.1	814.5	855.1	903.5	959.7	1024.0
-32.5°	522.6	576.6	631.7	679.7	720.2	756.1	794.2	831.0	872.4	919.2	973.2
-35°	504.2	557.4	611.8	663.3	704.7	737.9	771.9	807.2	841.7	883.0	928.0
-37.5°	483.6	536.0	589.9	643.2	686.2	718.3	748.7	782.2	815.1	847.0	886.5
-40°	461.8	512.5	564.8	617.5	664.8	696.5	725.8	756.1	787.3	816.6	847.0
-42.5°	439.2	487.6	536.9	589.9	636.9	673.6	701.2	729.4	757.7	784.7	812.0
-45°	416.7	461.6	507.1	558.2	606.8	647.5	677.1	701.0	727.3	752.6	776.8
-47.5°	393.7	435.2	478.1	525.8	574.1	616.4	651.2	675.0	696.3	719.7	742.3
-50°	370.3	409.8	449.7	494.4	539.0	582.7	619.5	645.5	666.6	686.5	707.2
-52.5°	346.4	384.0	421.8	462.6	504.2	545.3	582.8	611.3	633.6	653.0	673.2
-55°	322.1	357.8	392.5	429.8	469.1	507.6	543.5	573.8	598.6	617.6	639.0
-57.5°	296.1	330.4	362.1	395.3	431.5	468.6	500.7	534.8	561.7	582.4	602.6
-60°	268.5	300.6	330.9	360.5	391.4	424.2	454.9	484.9	516.2	546.1	561.7
-62.5°	240.0	268.2	296.9	325.2	352.4	378.9	406.6	433.7	459.8	486.2	509.5
-65°	210.3	235.3	260.3	286.2	312.7	334.7	357.7	382.1	405.9	428.6	450.2
-67.5°	180.3	203.3	224.7	245.3	268.2	289.3	307.7	327.4	348.4	371.1	391.1
-70°	154.8	171.9	190.8	209.1	226.2	244.2	262.2	277.6	292.4	312.1	332.2
-72.5°	130.0	144.9	159.5	173.8	189.1	204.2	218.7	232.8	246.4	260.7	275.8
-75°	106.7	117.9	130.3	142.5	154.3	165.8	177.1	189.1	200.6	211.5	222.0
-77.5°	84.6	93.9	103.1	112.0	120.8	130.4	139.6	148.5	157.0	165.1	172.8
-80°	63.3	69.8	77.0	84.2	90.2	96.4	102.7	109.2	116.0	122.4	128.6
-82.5°	44.1	48.9	53.6	58.2	61.3	63.9	66.3	69.9	76.1	82.0	87.4
-85°	25.8	28.0	31.1	34.2	36.8	39.0	40.9	42.5	45.4	48.5	51.6
-87.5°	12.9	14.0	15.0	16.1	17.0	18.0	18.9	19.8	20.6	21.4	22.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	22.9	23.6	24.2	24.8	25.4	25.9	26.3	26.7	27.0	25.6	24.1
85°	54.8	56.9	58.8	60.6	62.2	63.7	65.0	66.2	67.2	66.4	65.3
82.5°	92.4	96.0	99.4	102.5	105.3	107.9	110.3	112.3	114.2	114.0	113.5
80°	134.4	140.4	146.5	152.4	158.3	161.9	164.4	166.4	167.7	168.3	168.5
77.5°	180.7	190.0	199.7	209.2	218.5	223.9	227.8	231.0	233.5	234.1	233.6
75°	231.8	243.9	257.1	268.7	278.7	284.8	289.1	292.7	295.7	296.4	296.1
72.5°	291.4	306.2	318.1	327.9	336.3	343.0	348.3	352.9	356.6	358.1	358.3
70°	350.0	364.7	376.0	385.9	394.2	401.1	407.5	413.0	417.5	420.9	423.3
67.5°	409.4	426.1	437.7	446.7	453.8	461.0	469.5	476.9	483.1	487.3	489.3
65°	470.3	487.6	498.7	508.6	517.2	526.4	535.9	542.8	547.4	550.3	552.2
62.5°	529.3	545.4	559.4	572.5	585.0	595.4	601.9	607.8	612.8	617.0	620.2
60°	579.9	600.5	616.2	628.7	640.9	652.8	660.8	667.1	672.1	675.8	678.1
57.5°	623.2	644.1	662.6	674.8	688.1	702.2	711.5	716.8	721.8	726.0	728.0
55°	661.0	680.3	697.4	714.0	728.9	741.6	751.5	758.7	764.7	769.6	771.2
52.5°	695.1	716.1	736.1	753.8	768.4	780.6	790.4	799.3	806.1	810.7	812.8
50°	730.8	753.4	774.9	794.2	809.2	822.9	835.1	845.6	855.7	863.6	869.3
47.5°	766.0	790.1	813.8	835.0	853.1	872.8	890.6	905.5	920.2	932.1	940.3
45°	801.5	829.3	855.1	882.4	906.8	932.7	956.8	977.4	998.8	1014.8	1025.7
42.5°	840.8	872.4	903.5	937.6	970.8	1004.5	1041.0	1073.5	1098.6	1122.1	1141.2
40°	883.0	919.2	959.7	1001.5	1050.5	1095.0	1144.0	1186.0	1224.0	1264.2	1296.1
37.5°	928.0	973.2	1026.5	1082.4	1145.8	1206.7	1270.6	1333.4	1388.3	1452.9	1502.3
35°	977.8	1038.1	1103.7	1179.2	1258.2	1345.5	1432.9	1533.9	1620.8	1716.5	1799.9
32.5°	1036.6	1108.7	1194.7	1294.4	1395.9	1528.3	1652.0	1812.8	1951.8	2103.6	2256.5
30°	1097.2	1191.4	1302.5	1428.0	1589.3	1771.4	1974.3	2213.6	2460.2	2698.8	2986.7
27.5°	1172.2	1285.9	1420.4	1603.9	1841.3	2087.3	2436.3	2795.4	3248.7	3623.7	4152.4
25°	1250.2	1384.0	1575.2	1824.7	2134.6	2561.6	3091.1	3665.0	4462.6	5163.4	5985.2
22.5°	1335.1	1515.8	1753.6	2061.5	2531.4	3186.9	3988.6	5069.0	6245.5	7494.5	8737.0
20°	1423.5	1642.1	1953.8	2400.1	3044.9	3932.6	5309.0	6976.8	8657.6	10718.5	12543.6
17.5°	1526.0	1804.1	2188.3	2746.4	3606.9	4966.7	6876.0	9204.5	11812.0	14775.3	17406.3
15°	1611.3	1942.9	2427.8	3208.7	4392.1	6138.5	8546.3	11749.4	15667.8	19647.6	23685.3
12.5°	1710.3	2093.9	2663.4	3594.5	5080.8	7401.7	10679.2	14733.5	19627.1	25147.2	31654.7
10°	1798.2	2242.2	2950.2	4102.7	5919.1	8719.2	12696.9	17574.4	23889.7	31831.9	41909.3
7.5°	1863.4	2360.3	3171.5	4489.5	6643.8	9986.0	14603.3	20685.5	28710.0	39197.7	53028.2
5°	1905.8	2445.7	3328.1	4787.9	7211.1	10928.7	16000.4	22892.1	32573.1	47406.2	70826.2
2.5°	1931.1	2496.3	3417.5	4962.9	7556.0	11553.3	17063.3	24560.6	35076.7	52479.0	82273.6
0°	1942.4	2510.4	3471.0	5055.8	7671.3	11794.5	17551.5	25321.0	36196.8	53664.2	84286.3
-2.5°	1931.1	2496.3	3417.5	4962.9	7556.0	11553.3	17063.3	24560.6	35076.7	52479.0	82273.6
-5°	1905.8	2445.7	3328.1	4787.9	7211.1	10928.7	16000.4	22892.1	32573.1	47406.2	70826.2
-7.5°	1863.4	2360.3	3171.5	4489.5	6643.8	9986.0	14603.3	20685.5	28710.0	39197.7	53028.2
-10°	1798.2	2242.2	2950.2	4102.7	5919.1	8719.2	12696.9	17574.4	23889.7	31831.9	41909.3
-12.5°	1710.3	2093.9	2663.4	3594.5	5080.8	7401.7	10679.2	14733.5	19627.1	25147.2	31654.7
-15°	1611.3	1942.9	2427.8	3208.7	4392.1	6138.5	8546.3	11749.4	15667.8	19647.6	23685.3
-17.5°	1526.0	1804.1	2188.3	2746.4	3606.9	4966.7	6876.0	9204.5	11812.0	14775.3	17406.3
-20°	1423.5	1642.1	1953.8	2400.1	3044.9	3932.6	5309.0	6976.8	8657.6	10718.5	12543.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1335.1	1515.8	1753.6	2061.5	2531.4	3186.9	3988.6	5069.0	6245.5	7494.5	8737.0
-25°	1250.2	1384.0	1575.2	1824.7	2134.6	2561.6	3091.1	3665.0	4462.6	5163.4	5985.2
-27.5°	1172.2	1285.9	1420.4	1603.9	1841.3	2087.3	2436.3	2795.4	3248.7	3623.7	4152.4
-30°	1097.2	1191.4	1302.5	1428.0	1589.3	1771.4	1974.3	2213.6	2460.2	2698.8	2986.7
-32.5°	1036.6	1108.7	1194.7	1294.4	1395.9	1528.3	1652.0	1812.8	1951.8	2103.6	2256.5
-35°	977.8	1038.1	1103.7	1179.2	1258.2	1345.5	1432.9	1533.9	1620.8	1716.5	1799.9
-37.5°	928.0	973.2	1026.5	1082.4	1145.8	1206.7	1270.6	1333.4	1388.3	1452.9	1502.3
-40°	883.0	919.2	959.7	1001.5	1050.5	1095.0	1144.0	1186.0	1224.0	1264.2	1296.1
-42.5°	840.8	872.4	903.5	937.6	970.8	1004.5	1041.0	1073.5	1098.6	1122.1	1141.2
-45°	801.5	829.3	855.1	882.4	906.8	932.7	956.8	977.4	998.8	1014.8	1025.7
-47.5°	766.0	790.1	813.8	835.0	853.1	872.8	890.6	905.5	920.2	932.1	940.3
-50°	730.8	753.4	774.9	794.2	809.2	822.9	835.1	845.6	855.7	863.6	869.3
-52.5°	695.1	716.1	736.1	753.8	768.4	780.6	790.4	799.3	806.1	810.7	812.8
-55°	661.0	680.3	697.4	714.0	728.9	741.6	751.5	758.7	764.7	769.6	771.2
-57.5°	623.2	644.1	662.6	674.8	688.1	702.2	711.5	716.8	721.8	726.0	728.0
-60°	579.9	600.5	616.2	628.7	640.9	652.8	660.8	667.1	672.1	675.8	678.1
-62.5°	529.3	545.4	559.4	572.5	585.0	595.4	601.9	607.8	612.8	617.0	620.2
-65°	470.3	487.6	498.7	508.6	517.2	526.4	535.9	542.8	547.4	550.3	552.2
-67.5°	409.4	426.1	437.7	446.7	453.8	461.0	469.5	476.9	483.1	487.3	489.3
-70°	350.0	364.7	376.0	385.9	394.2	401.1	407.5	413.0	417.5	420.9	423.3
-72.5°	291.4	306.2	318.1	327.9	336.3	343.0	348.3	352.9	356.6	358.1	358.3
-75°	231.8	243.9	257.1	268.7	278.7	284.8	289.1	292.7	295.7	296.4	296.1
-77.5°	180.7	190.0	199.7	209.2	218.5	223.9	227.8	231.0	233.5	234.1	233.6
-80°	134.4	140.4	146.5	152.4	158.3	161.9	164.4	166.4	167.7	168.3	168.5
-82.5°	92.4	96.0	99.4	102.5	105.3	107.9	110.3	112.3	114.2	114.0	113.5
-85°	54.8	56.9	58.8	60.6	62.2	63.7	65.0	66.2	67.2	66.4	65.3
-87.5°	22.9	23.6	24.2	24.8	25.4	25.9	26.3	26.7	27.0	25.6	24.1
-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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	22.6	20.9	21.0	21.0	21.0	20.9	22.6	24.1	25.6	27.0	26.7
85°	64.1	62.8	63.0	63.1	63.0	62.8	64.1	65.3	66.4	67.2	66.2
82.5°	112.7	111.7	112.1	112.2	112.1	111.7	112.7	113.5	114.0	114.2	112.3
80°	168.2	167.5	164.7	161.3	164.7	167.5	168.2	168.5	168.3	167.7	166.4
77.5°	232.3	230.3	227.7	224.4	227.7	230.3	232.3	233.6	234.1	233.5	231.0
75°	295.1	293.3	294.1	294.5	294.1	293.3	295.1	296.1	296.4	295.7	292.7
72.5°	357.7	356.2	357.2	357.6	357.2	356.2	357.7	358.3	358.1	356.6	352.9
70°	425.0	425.7	423.9	420.7	423.9	425.7	425.0	423.3	420.9	417.5	413.0
67.5°	490.0	489.2	487.1	483.8	487.1	489.2	490.0	489.3	487.3	483.1	476.9
65°	552.8	552.2	553.3	554.0	553.3	552.2	552.8	552.2	550.3	547.4	542.8
62.5°	621.8	621.8	620.3	617.1	620.3	621.8	621.8	620.2	617.0	612.8	607.8
60°	679.0	678.5	676.5	673.2	676.5	678.5	679.0	678.1	675.8	672.1	667.1
57.5°	728.6	727.9	725.8	722.3	725.8	727.9	728.6	728.0	726.0	721.8	716.8
55°	771.4	770.3	767.9	764.3	767.9	770.3	771.4	771.2	769.6	764.7	758.7
52.5°	813.3	812.4	812.7	813.4	812.7	812.4	813.3	812.8	810.7	806.1	799.3
50°	872.8	874.0	873.0	869.5	873.0	874.0	872.8	869.3	863.6	855.7	845.6
47.5°	944.2	944.6	942.9	939.6	942.9	944.6	944.2	940.3	932.1	920.2	905.5
45°	1034.2	1039.3	1040.6	1037.8	1040.6	1039.3	1034.2	1025.7	1014.8	998.8	977.4
42.5°	1155.9	1163.9	1166.2	1164.0	1166.2	1163.9	1155.9	1141.2	1122.1	1098.6	1073.5
40°	1315.8	1324.8	1326.5	1325.3	1326.5	1324.8	1315.8	1296.1	1264.2	1224.0	1186.0
37.5°	1537.0	1559.1	1569.5	1570.7	1569.5	1559.1	1537.0	1502.3	1452.9	1388.3	1333.4
35°	1863.4	1907.4	1931.0	1942.4	1931.0	1907.4	1863.4	1799.9	1716.5	1620.8	1533.9
32.5°	2372.3	2460.5	2509.3	2503.3	2509.3	2460.5	2372.3	2256.5	2103.6	1951.8	1812.8
30°	3203.7	3357.8	3435.4	3414.9	3435.4	3357.8	3203.7	2986.7	2698.8	2460.2	2213.6
27.5°	4532.0	4810.7	4971.8	4950.6	4971.8	4810.7	4532.0	4152.4	3623.7	3248.7	2795.4
25°	6672.3	7180.9	7506.5	7425.9	7506.5	7180.9	6672.3	5985.2	5163.4	4462.6	3665.0
22.5°	9928.1	10789.7	11360.0	11289.6	11360.0	10789.7	9928.1	8737.0	7494.5	6245.5	5069.0
20°	14394.1	15705.6	16642.1	16766.1	16642.1	15705.6	14394.1	12543.6	10718.5	8657.6	6976.8
17.5°	20248.3	22327.7	23775.2	24016.7	23775.2	22327.7	20248.3	17406.3	14775.3	11812.0	9204.5
15°	27856.5	31255.2	33714.9	33917.9	33714.9	31255.2	27856.5	23685.3	19647.6	15667.8	11749.4
12.5°	38187.4	45023.0	49484.2	51448.3	49484.2	45023.0	38187.4	31654.7	25147.2	19627.1	14733.5
10°	52484.8	68185.9	78241.2	82021.4	78241.2	68185.9	52484.8	41909.3	31831.9	23889.7	17574.4
7.5°	76365.7	101017.0	128422.7	140103.3	128422.7	101017.0	76365.7	53028.2	39197.7	28710.0	20685.5
5°	103408.9	154570.3	203233.8	222236.9	203233.8	154570.3	103408.9	70826.2	47406.2	32573.1	22892.1
2.5°	131865.4	203176.9	270001.2	296134.7	270001.2	203176.9	131865.4	82273.6	52479.0	35076.7	24560.6
0°	142978.2	224459.7	297982.4	327286.2	297982.4	224459.7	142978.2	84286.3	53664.2	36196.8	25321.0
-2.5°	131865.4	203176.9	270001.2	296134.7	270001.2	203176.9	131865.4	82273.6	52479.0	35076.7	24560.6
-5°	103408.9	154570.3	203233.8	222236.9	203233.8	154570.3	103408.9	70826.2	47406.2	32573.1	22892.1
-7.5°	76365.7	101017.0	128422.7	140103.3	128422.7	101017.0	76365.7	53028.2	39197.7	28710.0	20685.5
-10°	52484.8	68185.9	78241.2	82021.4	78241.2	68185.9	52484.8	41909.3	31831.9	23889.7	17574.4
-12.5°	38187.4	45023.0	49484.2	51448.3	49484.2	45023.0	38187.4	31654.7	25147.2	19627.1	14733.5
-15°	27856.5	31255.2	33714.9	33917.9	33714.9	31255.2	27856.5	23685.3	19647.6	15667.8	11749.4
-17.5°	20248.3	22327.7	23775.2	24016.7	23775.2	22327.7	20248.3	17406.3	14775.3	11812.0	9204.5
-20°	14394.1	15705.6	16642.1	16766.1	16642.1	15705.6	14394.1	12543.6	10718.5	8657.6	6976.8



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9928.1	10789.7	11360.0	11289.6	11360.0	10789.7	9928.1	8737.0	7494.5	6245.5	5069.0
-25°	6672.3	7180.9	7506.5	7425.9	7506.5	7180.9	6672.3	5985.2	5163.4	4462.6	3665.0
-27.5°	4532.0	4810.7	4971.8	4950.6	4971.8	4810.7	4532.0	4152.4	3623.7	3248.7	2795.4
-30°	3203.7	3357.8	3435.4	3414.9	3435.4	3357.8	3203.7	2986.7	2698.8	2460.2	2213.6
-32.5°	2372.3	2460.5	2509.3	2503.3	2509.3	2460.5	2372.3	2256.5	2103.6	1951.8	1812.8
-35°	1863.4	1907.4	1931.0	1942.4	1931.0	1907.4	1863.4	1799.9	1716.5	1620.8	1533.9
-37.5°	1537.0	1559.1	1569.5	1570.7	1569.5	1559.1	1537.0	1502.3	1452.9	1388.3	1333.4
-40°	1315.8	1324.8	1326.5	1325.3	1326.5	1324.8	1315.8	1296.1	1264.2	1224.0	1186.0
-42.5°	1155.9	1163.9	1166.2	1164.0	1166.2	1163.9	1155.9	1141.2	1122.1	1098.6	1073.5
-45°	1034.2	1039.3	1040.6	1037.8	1040.6	1039.3	1034.2	1025.7	1014.8	998.8	977.4
-47.5°	944.2	944.6	942.9	939.6	942.9	944.6	944.2	940.3	932.1	920.2	905.5
-50°	872.8	874.0	873.0	869.5	873.0	874.0	872.8	869.3	863.6	855.7	845.6
-52.5°	813.3	812.4	812.7	813.4	812.7	812.4	813.3	812.8	810.7	806.1	799.3
-55°	771.4	770.3	767.9	764.3	767.9	770.3	771.4	771.2	769.6	764.7	758.7
-57.5°	728.6	727.9	725.8	722.3	725.8	727.9	728.6	728.0	726.0	721.8	716.8
-60°	679.0	678.5	676.5	673.2	676.5	678.5	679.0	678.1	675.8	672.1	667.1
-62.5°	621.8	621.8	620.3	617.1	620.3	621.8	621.8	620.2	617.0	612.8	607.8
-65°	552.8	552.2	553.3	554.0	553.3	552.2	552.8	552.2	550.3	547.4	542.8
-67.5°	490.0	489.2	487.1	483.8	487.1	489.2	490.0	489.3	487.3	483.1	476.9
-70°	425.0	425.7	423.9	420.7	423.9	425.7	425.0	423.3	420.9	417.5	413.0
-72.5°	357.7	356.2	357.2	357.6	357.2	356.2	357.7	358.3	358.1	356.6	352.9
-75°	295.1	293.3	294.1	294.5	294.1	293.3	295.1	296.1	296.4	295.7	292.7
-77.5°	232.3	230.3	227.7	224.4	227.7	230.3	232.3	233.6	234.1	233.5	231.0
-80°	168.2	167.5	164.7	161.3	164.7	167.5	168.2	168.5	168.3	167.7	166.4
-82.5°	112.7	111.7	112.1	112.2	112.1	111.7	112.7	113.5	114.0	114.2	112.3
-85°	64.1	62.8	63.0	63.1	63.0	62.8	64.1	65.3	66.4	67.2	66.2
-87.5°	22.6	20.9	21.0	21.0	21.0	20.9	22.6	24.1	25.6	27.0	26.7
-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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	26.3	25.9	25.4	24.8	24.2	23.6	22.9	22.2	21.4	20.6	19.8
85°	65.0	63.7	62.2	60.6	58.8	56.9	54.8	51.6	48.5	45.4	42.5
82.5°	110.3	107.9	105.3	102.5	99.4	96.0	92.4	87.4	82.0	76.1	69.9
80°	164.4	161.9	158.3	152.4	146.5	140.4	134.4	128.6	122.4	116.0	109.2
77.5°	227.8	223.9	218.5	209.2	199.7	190.0	180.7	172.8	165.1	157.0	148.5
75°	289.1	284.8	278.7	268.7	257.1	243.9	231.8	222.0	211.5	200.6	189.1
72.5°	348.3	343.0	336.3	327.9	318.1	306.2	291.4	275.8	260.7	246.4	232.8
70°	407.5	401.1	394.2	385.9	376.0	364.7	350.0	332.2	312.1	292.4	277.6
67.5°	469.5	461.0	453.8	446.7	437.7	426.1	409.4	391.1	371.1	348.4	327.4
65°	535.9	526.4	517.2	508.6	498.7	487.6	470.3	450.2	428.6	405.9	382.1
62.5°	601.9	595.4	585.0	572.5	559.4	545.4	529.3	509.5	486.2	459.8	433.7
60°	660.8	652.8	640.9	628.7	616.2	600.5	579.9	561.7	546.1	516.2	484.9
57.5°	711.5	702.2	688.1	674.8	662.6	644.1	623.2	602.6	582.4	561.7	534.8
55°	751.5	741.6	728.9	714.0	697.4	680.3	661.0	639.0	617.6	598.6	573.8
52.5°	790.4	780.6	768.4	753.8	736.1	716.1	695.1	673.2	653.0	633.6	611.3
50°	835.1	822.9	809.2	794.2	774.9	753.4	730.8	707.2	686.5	666.6	645.5
47.5°	890.6	872.8	853.1	835.0	813.8	790.1	766.0	742.3	719.7	696.3	675.0
45°	956.8	932.7	906.8	882.4	855.1	829.3	801.5	776.8	752.6	727.3	701.0
42.5°	1041.0	1004.5	970.8	937.6	903.5	872.4	840.8	812.0	784.7	757.7	729.4
40°	1144.0	1095.0	1050.5	1001.5	959.7	919.2	883.0	847.0	816.6	787.3	756.1
37.5°	1270.6	1206.7	1145.8	1082.4	1026.5	973.2	928.0	886.5	847.0	815.1	782.2
35°	1432.9	1345.5	1258.2	1179.2	1103.7	1038.1	977.8	928.0	883.0	841.7	807.2
32.5°	1652.0	1528.3	1395.9	1294.4	1194.7	1108.7	1036.6	973.2	919.2	872.4	831.0
30°	1974.3	1771.4	1589.3	1428.0	1302.5	1191.4	1097.2	1024.0	959.7	903.5	855.1
27.5°	2436.3	2087.3	1841.3	1603.9	1420.4	1285.9	1172.2	1076.1	1000.6	937.6	882.0
25°	3091.1	2561.6	2134.6	1824.7	1575.2	1384.0	1250.2	1138.8	1046.4	970.4	903.5
22.5°	3988.6	3186.9	2531.4	2061.5	1753.6	1515.8	1335.1	1200.7	1088.3	999.2	926.5
20°	5309.0	3932.6	3044.9	2400.1	1953.8	1642.1	1423.5	1265.4	1135.3	1029.1	946.5
17.5°	6876.0	4966.7	3606.9	2746.4	2188.3	1804.1	1526.0	1324.9	1178.1	1055.2	962.9
15°	8546.3	6138.5	4392.1	3208.7	2427.8	1942.9	1611.3	1377.5	1218.8	1083.9	983.1
12.5°	10679.2	7401.7	5080.8	3594.5	2663.4	2093.9	1710.3	1444.3	1258.9	1114.9	1004.2
10°	12696.9	8719.2	5919.1	4102.7	2950.2	2242.2	1798.2	1495.7	1290.0	1139.5	1021.3
7.5°	14603.3	9986.0	6643.8	4489.5	3171.5	2360.3	1863.4	1532.7	1312.0	1156.8	1034.4
5°	16000.4	10928.7	7211.1	4787.9	3328.1	2445.7	1905.8	1555.8	1325.1	1166.9	1043.3
2.5°	17063.3	11553.3	7556.0	4962.9	3417.5	2496.3	1931.1	1573.4	1337.9	1175.1	1053.1
0°	17551.5	11794.5	7671.3	5055.8	3471.0	2510.4	1942.4	1584.8	1346.3	1178.0	1058.8
-2.5°	17063.3	11553.3	7556.0	4962.9	3417.5	2496.3	1931.1	1573.4	1337.9	1175.1	1053.1
-5°	16000.4	10928.7	7211.1	4787.9	3328.1	2445.7	1905.8	1555.8	1325.1	1166.9	1043.3
-7.5°	14603.3	9986.0	6643.8	4489.5	3171.5	2360.3	1863.4	1532.7	1312.0	1156.8	1034.4
-10°	12696.9	8719.2	5919.1	4102.7	2950.2	2242.2	1798.2	1495.7	1290.0	1139.5	1021.3
-12.5°	10679.2	7401.7	5080.8	3594.5	2663.4	2093.9	1710.3	1444.3	1258.9	1114.9	1004.2
-15°	8546.3	6138.5	4392.1	3208.7	2427.8	1942.9	1611.3	1377.5	1218.8	1083.9	983.1
-17.5°	6876.0	4966.7	3606.9	2746.4	2188.3	1804.1	1526.0	1324.9	1178.1	1055.2	962.9
-20°	5309.0	3932.6	3044.9	2400.1	1953.8	1642.1	1423.5	1265.4	1135.3	1029.1	946.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3988.6	3186.9	2531.4	2061.5	1753.6	1515.8	1335.1	1200.7	1088.3	999.2	926.5
-25°	3091.1	2561.6	2134.6	1824.7	1575.2	1384.0	1250.2	1138.8	1046.4	970.4	903.5
-27.5°	2436.3	2087.3	1841.3	1603.9	1420.4	1285.9	1172.2	1076.1	1000.6	937.6	882.0
-30°	1974.3	1771.4	1589.3	1428.0	1302.5	1191.4	1097.2	1024.0	959.7	903.5	855.1
-32.5°	1652.0	1528.3	1395.9	1294.4	1194.7	1108.7	1036.6	973.2	919.2	872.4	831.0
-35°	1432.9	1345.5	1258.2	1179.2	1103.7	1038.1	977.8	928.0	883.0	841.7	807.2
-37.5°	1270.6	1206.7	1145.8	1082.4	1026.5	973.2	928.0	886.5	847.0	815.1	782.2
-40°	1144.0	1095.0	1050.5	1001.5	959.7	919.2	883.0	847.0	816.6	787.3	756.1
-42.5°	1041.0	1004.5	970.8	937.6	903.5	872.4	840.8	812.0	784.7	757.7	729.4
-45°	956.8	932.7	906.8	882.4	855.1	829.3	801.5	776.8	752.6	727.3	701.0
-47.5°	890.6	872.8	853.1	835.0	813.8	790.1	766.0	742.3	719.7	696.3	675.0
-50°	835.1	822.9	809.2	794.2	774.9	753.4	730.8	707.2	686.5	666.6	645.5
-52.5°	790.4	780.6	768.4	753.8	736.1	716.1	695.1	673.2	653.0	633.6	611.3
-55°	751.5	741.6	728.9	714.0	697.4	680.3	661.0	639.0	617.6	598.6	573.8
-57.5°	711.5	702.2	688.1	674.8	662.6	644.1	623.2	602.6	582.4	561.7	534.8
-60°	660.8	652.8	640.9	628.7	616.2	600.5	579.9	561.7	546.1	516.2	484.9
-62.5°	601.9	595.4	585.0	572.5	559.4	545.4	529.3	509.5	486.2	459.8	433.7
-65°	535.9	526.4	517.2	508.6	498.7	487.6	470.3	450.2	428.6	405.9	382.1
-67.5°	469.5	461.0	453.8	446.7	437.7	426.1	409.4	391.1	371.1	348.4	327.4
-70°	407.5	401.1	394.2	385.9	376.0	364.7	350.0	332.2	312.1	292.4	277.6
-72.5°	348.3	343.0	336.3	327.9	318.1	306.2	291.4	275.8	260.7	246.4	232.8
-75°	289.1	284.8	278.7	268.7	257.1	243.9	231.8	222.0	211.5	200.6	189.1
-77.5°	227.8	223.9	218.5	209.2	199.7	190.0	180.7	172.8	165.1	157.0	148.5
-80°	164.4	161.9	158.3	152.4	146.5	140.4	134.4	128.6	122.4	116.0	109.2
-82.5°	110.3	107.9	105.3	102.5	99.4	96.0	92.4	87.4	82.0	76.1	69.9
-85°	65.0	63.7	62.2	60.6	58.8	56.9	54.8	51.6	48.5	45.4	42.5
-87.5°	26.3	25.9	25.4	24.8	24.2	23.6	22.9	22.2	21.4	20.6	19.8
-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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	18.9	18.0	17.0	16.1	15.0	14.0	12.9	11.8	10.7	9.6	8.4
85°	40.9	39.0	36.8	34.2	31.1	28.0	25.8	23.6	21.4	19.1	16.8
82.5°	66.3	63.9	61.3	58.2	53.6	48.9	44.1	39.2	34.1	29.0	25.2
80°	102.7	96.4	90.2	84.2	77.0	69.8	63.3	56.8	50.1	43.2	36.3
77.5°	139.6	130.4	120.8	112.0	103.1	93.9	84.6	75.0	65.9	57.4	48.7
75°	177.1	165.8	154.3	142.5	130.3	117.9	106.7	95.2	83.5	71.6	61.1
72.5°	218.7	204.2	189.1	173.8	159.5	144.9	130.0	115.3	101.7	87.8	73.8
70°	262.2	244.2	226.2	209.1	190.8	171.9	154.8	137.4	119.7	103.8	87.8
67.5°	307.7	289.3	268.2	245.3	224.7	203.3	180.3	159.8	139.9	119.7	101.7
65°	357.7	334.7	312.7	286.2	260.3	235.3	210.3	183.2	159.8	137.4	115.3
62.5°	406.6	378.9	352.4	325.2	296.9	268.2	240.0	209.5	180.0	154.8	130.0
60°	454.9	424.2	391.4	360.5	330.9	300.6	268.5	235.1	202.7	171.9	144.9
57.5°	500.7	468.6	431.5	395.3	362.1	330.4	296.1	259.8	224.6	190.5	159.5
55°	543.5	507.6	469.1	429.8	392.5	357.8	322.1	283.6	245.7	209.0	173.4
52.5°	582.8	545.3	504.2	462.6	421.8	384.0	346.4	306.5	266.0	226.8	188.5
50°	619.5	582.7	539.0	494.4	449.7	409.8	370.3	328.4	285.4	243.9	203.2
47.5°	651.2	616.4	574.1	525.8	478.1	435.2	393.7	349.9	303.8	260.1	217.4
45°	677.1	647.5	606.8	558.2	507.1	461.6	416.7	370.9	322.7	275.7	231.1
42.5°	701.2	673.6	636.9	589.9	536.9	487.6	439.2	391.3	341.1	290.7	244.1
40°	725.8	696.5	664.8	617.5	564.8	512.5	461.8	411.1	358.8	305.4	256.6
37.5°	748.7	718.3	686.2	643.2	589.9	536.0	483.6	430.4	375.3	320.1	268.4
35°	771.9	737.9	704.7	663.3	611.8	557.4	504.2	448.9	390.9	333.7	279.5
32.5°	794.2	756.1	720.2	679.7	631.7	576.6	522.6	465.0	405.5	346.3	289.9
30°	814.5	773.1	735.2	695.6	648.7	593.4	538.2	479.6	419.0	357.8	299.8
27.5°	830.7	787.2	749.5	709.2	662.3	608.5	551.8	492.7	431.5	368.5	309.1
25°	846.9	800.3	760.9	721.7	675.0	623.7	564.6	504.4	442.5	378.5	317.5
22.5°	864.8	812.4	769.8	733.5	688.0	638.4	576.7	514.5	451.9	387.5	324.9
20°	880.6	822.8	776.5	742.8	698.4	649.3	588.2	523.6	460.1	395.5	331.4
17.5°	894.6	834.0	785.2	748.3	706.6	658.7	598.8	531.7	467.0	402.5	337.0
15°	909.2	845.8	793.0	752.7	713.1	666.5	608.4	538.7	472.6	408.4	342.0
12.5°	922.1	855.4	799.3	756.1	718.1	672.9	616.9	544.5	476.9	413.3	346.5
10°	932.9	862.8	804.0	758.5	721.6	677.8	624.2	550.1	481.6	417.1	350.4
7.5°	941.4	867.9	807.0	759.8	724.1	681.6	630.4	556.5	485.6	419.7	353.5
5°	947.5	872.0	811.8	764.1	727.0	684.7	634.8	561.7	488.5	421.2	355.7
2.5°	952.2	875.4	816.9	768.2	728.7	686.6	637.3	565.6	490.3	421.5	357.1
0°	953.7	876.5	820.4	771.3	729.3	687.2	638.1	568.0	490.9	420.7	357.6
-2.5°	952.2	875.4	816.9	768.2	728.7	686.6	637.3	565.6	490.3	421.5	357.1
-5°	947.5	872.0	811.8	764.1	727.0	684.7	634.8	561.7	488.5	421.2	355.7
-7.5°	941.4	867.9	807.0	759.8	724.1	681.6	630.4	556.5	485.6	419.7	353.5
-10°	932.9	862.8	804.0	758.5	721.6	677.8	624.2	550.1	481.6	417.1	350.4
-12.5°	922.1	855.4	799.3	756.1	718.1	672.9	616.9	544.5	476.9	413.3	346.5
-15°	909.2	845.8	793.0	752.7	713.1	666.5	608.4	538.7	472.6	408.4	342.0
-17.5°	894.6	834.0	785.2	748.3	706.6	658.7	598.8	531.7	467.0	402.5	337.0
-20°	880.6	822.8	776.5	742.8	698.4	649.3	588.2	523.6	460.1	395.5	331.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	864.8	812.4	769.8	733.5	688.0	638.4	576.7	514.5	451.9	387.5	324.9
-25°	846.9	800.3	760.9	721.7	675.0	623.7	564.6	504.4	442.5	378.5	317.5
-27.5°	830.7	787.2	749.5	709.2	662.3	608.5	551.8	492.7	431.5	368.5	309.1
-30°	814.5	773.1	735.2	695.6	648.7	593.4	538.2	479.6	419.0	357.8	299.8
-32.5°	794.2	756.1	720.2	679.7	631.7	576.6	522.6	465.0	405.5	346.3	289.9
-35°	771.9	737.9	704.7	663.3	611.8	557.4	504.2	448.9	390.9	333.7	279.5
-37.5°	748.7	718.3	686.2	643.2	589.9	536.0	483.6	430.4	375.3	320.1	268.4
-40°	725.8	696.5	664.8	617.5	564.8	512.5	461.8	411.1	358.8	305.4	256.6
-42.5°	701.2	673.6	636.9	589.9	536.9	487.6	439.2	391.3	341.1	290.7	244.1
-45°	677.1	647.5	606.8	558.2	507.1	461.6	416.7	370.9	322.7	275.7	231.1
-47.5°	651.2	616.4	574.1	525.8	478.1	435.2	393.7	349.9	303.8	260.1	217.4
-50°	619.5	582.7	539.0	494.4	449.7	409.8	370.3	328.4	285.4	243.9	203.2
-52.5°	582.8	545.3	504.2	462.6	421.8	384.0	346.4	306.5	266.0	226.8	188.5
-55°	543.5	507.6	469.1	429.8	392.5	357.8	322.1	283.6	245.7	209.0	173.4
-57.5°	500.7	468.6	431.5	395.3	362.1	330.4	296.1	259.8	224.6	190.5	159.5
-60°	454.9	424.2	391.4	360.5	330.9	300.6	268.5	235.1	202.7	171.9	144.9
-62.5°	406.6	378.9	352.4	325.2	296.9	268.2	240.0	209.5	180.0	154.8	130.0
-65°	357.7	334.7	312.7	286.2	260.3	235.3	210.3	183.2	159.8	137.4	115.3
-67.5°	307.7	289.3	268.2	245.3	224.7	203.3	180.3	159.8	139.9	119.7	101.7
-70°	262.2	244.2	226.2	209.1	190.8	171.9	154.8	137.4	119.7	103.8	87.8
-72.5°	218.7	204.2	189.1	173.8	159.5	144.9	130.0	115.3	101.7	87.8	73.8
-75°	177.1	165.8	154.3	142.5	130.3	117.9	106.7	95.2	83.5	71.6	61.1
-77.5°	139.6	130.4	120.8	112.0	103.1	93.9	84.6	75.0	65.9	57.4	48.7
-80°	102.7	96.4	90.2	84.2	77.0	69.8	63.3	56.8	50.1	43.2	36.3
-82.5°	66.3	63.9	61.3	58.2	53.6	48.9	44.1	39.2	34.1	29.0	25.2
-85°	40.9	39.0	36.8	34.2	31.1	28.0	25.8	23.6	21.4	19.1	16.8
-87.5°	18.9	18.0	17.0	16.1	15.0	14.0	12.9	11.8	10.7	9.6	8.4
-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: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-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°	7.2	6.1	4.9	3.7	2.4	1.1	0.0
85°	14.5	12.1	9.7	7.3	4.9	2.1	0.0
82.5°	21.7	18.1	14.5	10.9	7.3	3.2	0.0
80°	29.3	24.1	19.4	14.5	9.7	4.2	0.0
77.5°	39.9	31.0	24.1	18.1	12.0	5.3	0.0
75°	50.4	39.4	29.2	21.7	14.4	6.3	0.0
72.5°	60.7	47.7	35.6	25.2	16.6	7.3	0.0
70°	71.0	55.8	41.8	28.9	18.8	8.3	0.0
67.5°	82.8	63.8	48.0	33.3	21.0	9.3	0.0
65°	94.3	72.4	53.9	37.6	23.1	10.2	0.0
62.5°	105.6	81.8	59.8	41.9	25.1	11.1	0.0
60°	116.6	91.0	65.4	46.0	27.0	12.0	0.0
57.5°	128.7	100.0	72.5	49.9	29.6	12.9	0.0
55°	140.6	108.7	79.4	53.8	32.1	13.7	0.0
52.5°	152.2	117.3	86.2	57.4	34.5	14.5	0.0
50°	163.4	126.6	92.7	61.0	36.8	15.2	0.0
47.5°	174.4	135.6	98.9	64.6	39.1	15.9	0.0
45°	186.1	144.2	104.9	69.1	41.3	16.6	0.0
42.5°	197.2	152.4	110.6	73.4	43.4	17.2	0.0
40°	207.9	160.2	116.5	77.6	45.5	17.8	0.0
37.5°	218.0	167.7	122.4	81.6	47.4	18.3	0.0
35°	227.5	175.2	128.0	85.4	49.3	18.8	0.0
32.5°	236.4	182.6	133.2	89.0	51.1	19.3	0.0
30°	244.7	189.5	138.0	92.4	52.7	19.7	0.0
27.5°	252.3	195.9	142.7	95.5	54.3	20.1	0.0
25°	259.3	201.7	147.1	98.3	55.8	20.4	0.0
22.5°	265.7	206.9	151.1	100.9	57.1	20.6	0.0
20°	271.3	211.4	154.6	103.3	58.3	20.9	0.0
17.5°	276.0	215.3	157.8	105.3	59.4	21.0	0.0
15°	279.9	218.5	160.6	107.2	60.3	21.2	0.0
12.5°	283.0	221.0	162.9	108.7	61.2	21.2	0.0
10°	285.3	222.9	164.9	109.9	61.9	21.3	0.0
7.5°	287.0	224.2	166.4	110.9	62.4	21.3	0.0
5°	287.9	224.8	167.4	111.6	62.8	21.2	0.0
2.5°	288.1	224.9	168.1	112.1	63.0	21.1	0.0
0°	287.5	224.4	168.3	112.2	63.1	21.0	0.0
-2.5°	288.1	224.9	168.1	112.1	63.0	21.1	0.0
-5°	287.9	224.8	167.4	111.6	62.8	21.2	0.0
-7.5°	287.0	224.2	166.4	110.9	62.4	21.3	0.0
-10°	285.3	222.9	164.9	109.9	61.9	21.3	0.0
-12.5°	283.0	221.0	162.9	108.7	61.2	21.2	0.0
-15°	279.9	218.5	160.6	107.2	60.3	21.2	0.0
-17.5°	276.0	215.3	157.8	105.3	59.4	21.0	0.0
-20°	271.3	211.4	154.6	103.3	58.3	20.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627869 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	265.7	206.9	151.1	100.9	57.1	20.6	0.0
-25°	259.3	201.7	147.1	98.3	55.8	20.4	0.0
-27.5°	252.3	195.9	142.7	95.5	54.3	20.1	0.0
-30°	244.7	189.5	138.0	92.4	52.7	19.7	0.0
-32.5°	236.4	182.6	133.2	89.0	51.1	19.3	0.0
-35°	227.5	175.2	128.0	85.4	49.3	18.8	0.0
-37.5°	218.0	167.7	122.4	81.6	47.4	18.3	0.0
-40°	207.9	160.2	116.5	77.6	45.5	17.8	0.0
-42.5°	197.2	152.4	110.6	73.4	43.4	17.2	0.0
-45°	186.1	144.2	104.9	69.1	41.3	16.6	0.0
-47.5°	174.4	135.6	98.9	64.6	39.1	15.9	0.0
-50°	163.4	126.6	92.7	61.0	36.8	15.2	0.0
-52.5°	152.2	117.3	86.2	57.4	34.5	14.5	0.0
-55°	140.6	108.7	79.4	53.8	32.1	13.7	0.0
-57.5°	128.7	100.0	72.5	49.9	29.6	12.9	0.0
-60°	116.6	91.0	65.4	46.0	27.0	12.0	0.0
-62.5°	105.6	81.8	59.8	41.9	25.1	11.1	0.0
-65°	94.3	72.4	53.9	37.6	23.1	10.2	0.0
-67.5°	82.8	63.8	48.0	33.3	21.0	9.3	0.0
-70°	71.0	55.8	41.8	28.9	18.8	8.3	0.0
-72.5°	60.7	47.7	35.6	25.2	16.6	7.3	0.0
-75°	50.4	39.4	29.2	21.7	14.4	6.3	0.0
-77.5°	39.9	31.0	24.1	18.1	12.0	5.3	0.0
-80°	29.3	24.1	19.4	14.5	9.7	4.2	0.0
-82.5°	21.7	18.1	14.5	10.9	7.3	3.2	0.0
-85°	14.5	12.1	9.7	7.3	4.9	2.1	0.0
-87.5°	7.2	6.1	4.9	3.7	2.4	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)