

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: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627809 (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-SA6B-730-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N137
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

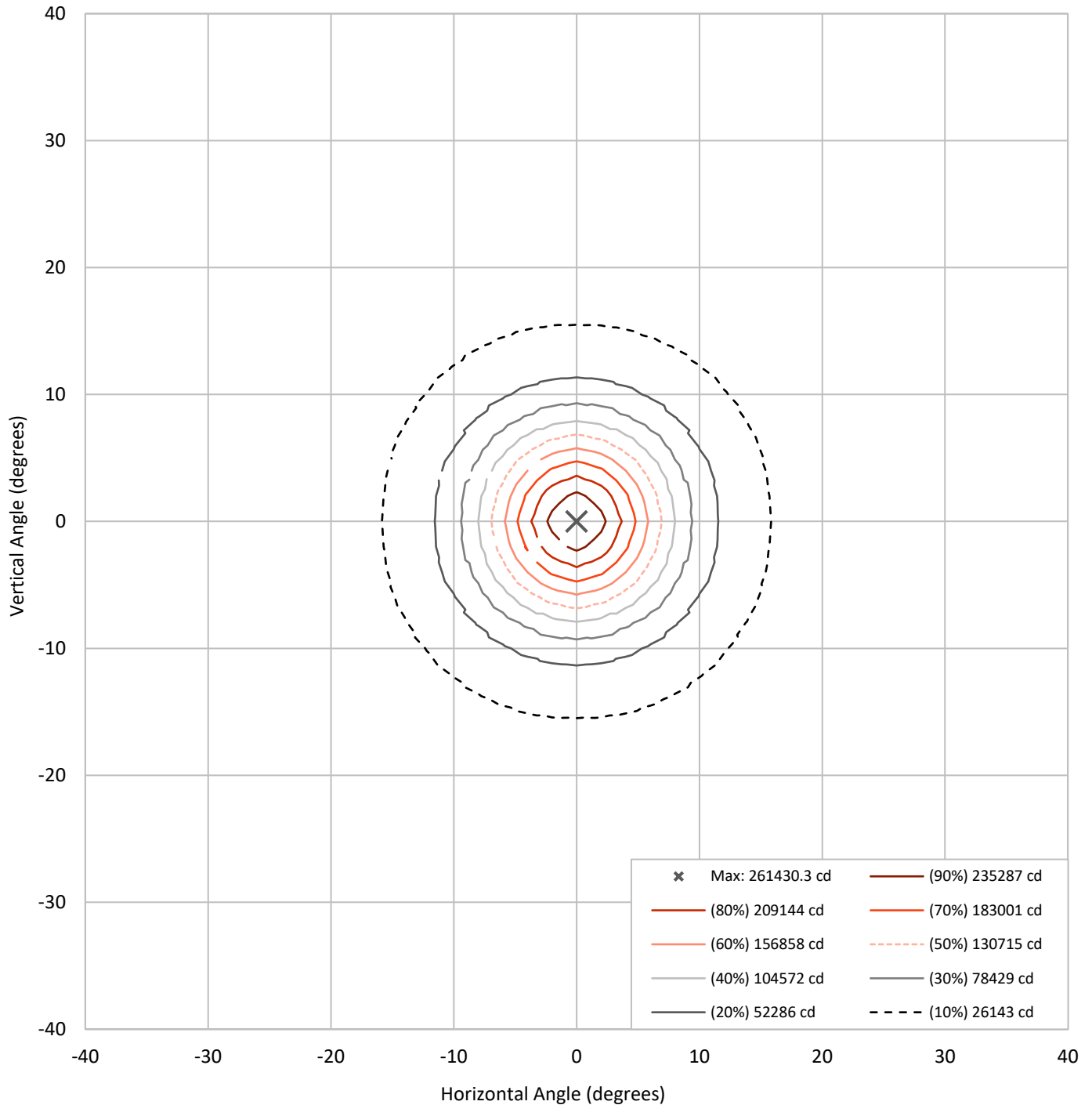
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	27760 lumens	Max Intensity:	261430.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.6 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:	8207.4 lumens	Field Lumens:	18470.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	190.6		
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		



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Iso-Candela Plot





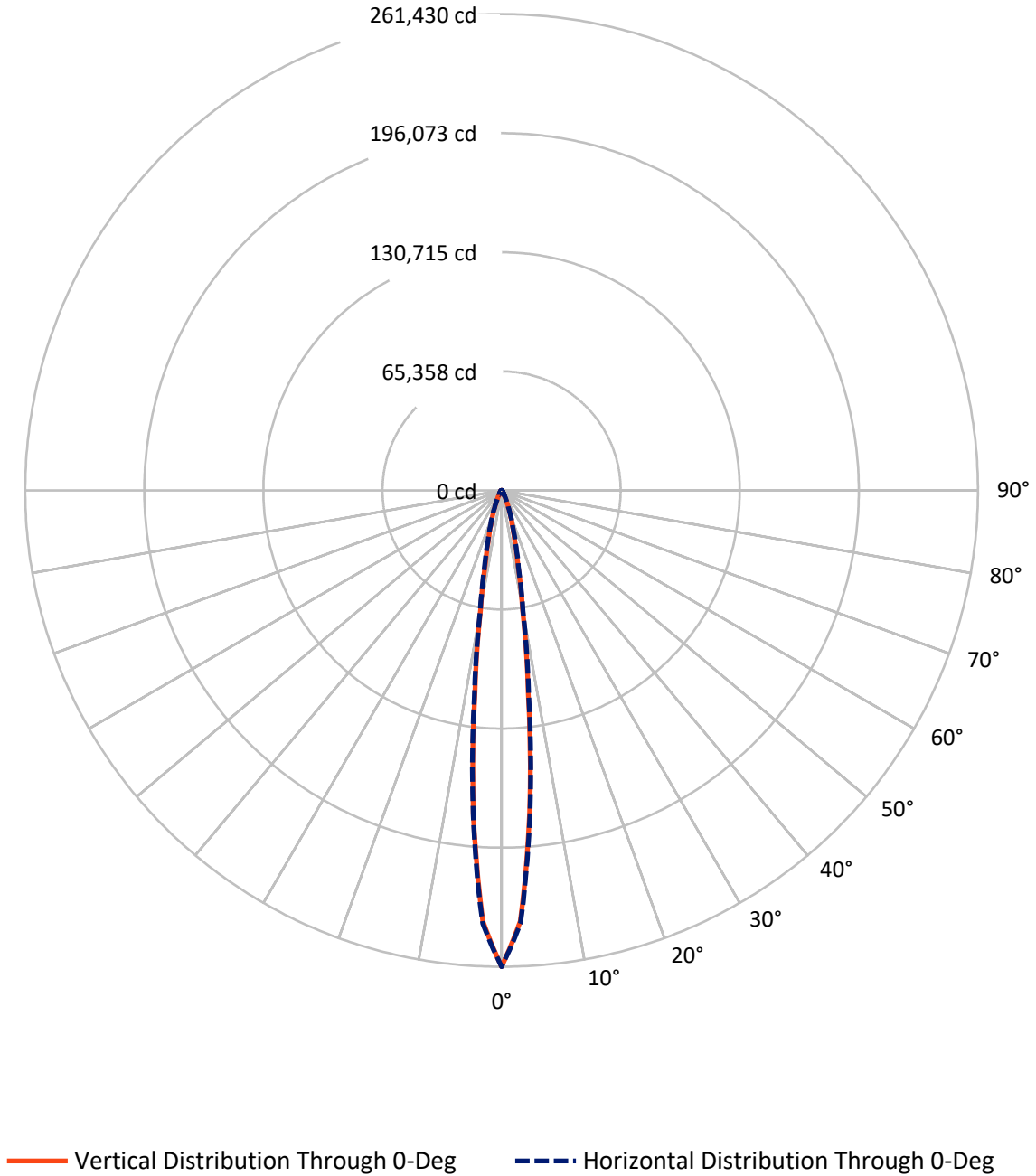
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Lumen Table

90	0.5	3.8		10.0		16.2		17.6		16.2		10.0		3.8		0.5			
80	0.5	3.8		10.0		16.2		17.6		16.2		10.0		3.8		0.5			
70	1.7	1.9	4.0	6.6	9.3	11.4	12.8	13.4	13.4	12.8	11.4	9.3	6.6	4.0	1.9	1.7			
60		3.0	6.0	9.8	13.1	16.0	17.9	18.7	18.7	17.9	16.0	13.1	9.8	6.0	3.0				
50	3.0	3.9	7.8	12.1	16.0	20.2	23.8	25.6	25.6	23.8	20.2	16.0	12.1	7.8	3.9	3.0			
40		4.6	9.2	13.9	19.7	28.4	40.0	49.5	49.5	40.0	28.4	19.7	13.9	9.2	4.6				
30	3.9	5.2	10.0	15.7	25.6	50.7	115.5	191.2	191.2	115.5	50.7	25.6	15.7	10.0	5.2	3.9			
20		5.6	10.5	17.3	33.9	107.7	382.4	823.7	823.7	382.4	107.7	33.9	17.3	10.5	5.6				
10	4.2	5.8	10.8	18.4	41.0	177.5	831.4	3591.4	3591.4	831.4	177.5	41.0	18.4	10.8	5.8	4.2			
0		5.8	10.8	18.4	41.0	177.5	831.4	3591.4	3591.4	831.4	177.5	41.0	18.4	10.8	5.8				
-10	3.9	5.6	10.5	17.3	33.9	107.7	382.4	823.7	823.7	382.4	107.7	33.9	17.3	10.5	5.6	3.9			
-20		5.2	10.0	15.7	25.6	50.7	115.5	191.2	191.2	115.5	50.7	25.6	15.7	10.0	5.2				
-30	3.0	4.6	9.2	13.9	19.7	28.4	40.0	49.5	49.5	40.0	28.4	19.7	13.9	9.2	4.6	3.0			
-40		3.9	7.8	12.1	16.0	20.2	23.8	25.6	25.6	23.8	20.2	16.0	12.1	7.8	3.9				
-50	1.7	3.0	6.0	9.8	13.1	16.0	17.9	18.7	18.7	17.9	16.0	13.1	9.8	6.0	3.0	1.7			
-60		1.9	4.0	6.6	9.3	11.4	12.8	13.4	13.4	12.8	11.4	9.3	6.6	4.0	1.9				
-70	0.5	3.8		10.0		16.2		17.6		16.2		10.0		3.8		0.5			
-80		3.8		10.0		16.2		17.6		16.2		10.0		3.8					
-90	0.5	3.8		10.0		16.2		17.6		16.2		10.0		3.8		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

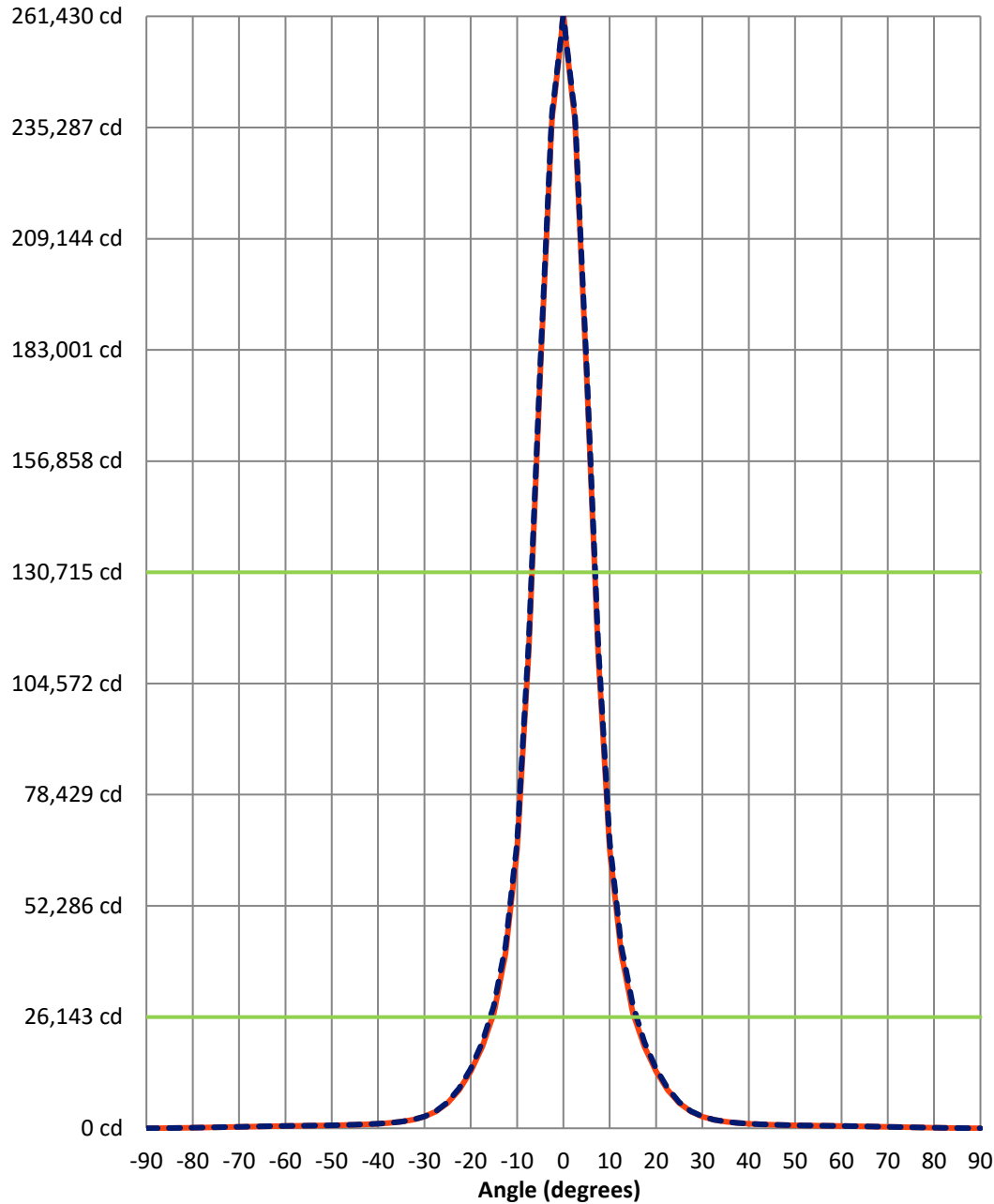
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 8207.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 18470.1
 Efficiency: 66.5%

Spill:
 Lumens: 9290
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	2.0	2.9	3.9	4.8	5.8	6.7	7.7	8.6	9.5
85°	0.0	1.7	3.9	5.8	7.8	9.7	11.6	13.5	15.3	17.1	18.9
82.5°	0.0	2.6	5.8	8.7	11.6	14.5	17.3	20.2	23.2	27.3	31.3
80°	0.0	3.4	7.7	11.6	15.5	19.3	23.4	29.0	34.6	40.0	45.4
77.5°	0.0	4.2	9.6	14.5	19.3	24.8	31.9	39.0	45.9	52.7	59.9
75°	0.0	5.0	11.5	17.3	23.3	31.5	40.3	48.8	57.2	66.7	76.1
72.5°	0.0	5.9	13.3	20.2	28.4	38.1	48.5	58.9	70.2	81.2	92.1
70°	0.0	6.6	15.1	23.1	33.4	44.6	56.7	70.2	82.9	95.6	109.7
67.5°	0.0	7.4	16.8	26.6	38.3	50.9	66.1	81.2	95.6	111.7	127.6
65°	0.0	8.2	18.5	30.1	43.1	57.9	75.3	92.1	109.7	127.6	146.3
62.5°	0.0	8.9	20.1	33.5	47.7	65.4	84.3	103.8	123.6	143.8	167.4
60°	0.0	9.6	21.6	36.7	52.2	72.7	93.1	115.8	137.3	161.9	187.8
57.5°	0.0	10.3	23.7	39.9	57.9	79.8	102.8	127.4	152.2	179.4	207.5
55°	0.0	10.9	25.6	43.0	63.4	86.8	112.3	138.5	166.9	196.3	226.6
52.5°	0.0	11.6	27.6	45.9	68.8	93.7	121.6	150.5	181.2	212.5	244.9
50°	0.0	12.2	29.4	48.7	74.0	101.1	130.5	162.3	194.8	228.0	262.4
47.5°	0.0	12.7	31.3	51.6	79.0	108.3	139.3	173.6	207.8	242.8	279.5
45°	0.0	13.3	33.0	55.2	83.8	115.1	148.6	184.5	220.3	257.9	296.3
42.5°	0.0	13.8	34.7	58.6	88.3	121.7	157.5	195.0	232.3	272.5	312.6
40°	0.0	14.2	36.3	62.0	93.0	128.0	166.0	204.9	244.0	286.7	328.4
37.5°	0.0	14.7	37.9	65.2	97.7	133.9	174.1	214.4	255.7	299.9	343.8
35°	0.0	15.1	39.4	68.2	102.2	139.9	181.7	223.3	266.6	312.3	358.6
32.5°	0.0	15.4	40.8	71.1	106.3	145.8	188.8	231.7	276.7	323.9	371.4
30°	0.0	15.8	42.1	73.8	110.2	151.3	195.4	239.5	285.9	334.7	383.1
27.5°	0.0	16.0	43.4	76.2	114.0	156.4	201.5	247.0	294.4	344.7	393.6
25°	0.0	16.3	44.5	78.5	117.5	161.1	207.2	253.7	302.4	353.5	402.9
22.5°	0.0	16.5	45.6	80.6	120.6	165.2	212.2	259.6	309.6	361.0	411.0
20°	0.0	16.7	46.6	82.5	123.5	168.9	216.8	264.8	316.0	367.6	418.2
17.5°	0.0	16.8	47.4	84.1	126.0	171.9	220.5	269.3	321.5	373.1	424.7
15°	0.0	16.9	48.2	85.6	128.2	174.5	223.6	273.2	326.2	377.5	430.3
12.5°	0.0	17.0	48.9	86.8	130.1	176.5	226.0	276.9	330.2	381.0	434.9
10°	0.0	17.0	49.4	87.8	131.7	178.0	227.9	279.9	333.3	384.7	439.4
7.5°	0.0	17.0	49.8	88.6	132.9	179.0	229.2	282.4	335.3	387.8	444.5
5°	0.0	17.0	50.1	89.1	133.7	179.5	229.9	284.2	336.5	390.2	448.7
2.5°	0.0	16.9	50.3	89.5	134.2	179.6	230.1	285.3	336.7	391.6	451.8
0°	0.0	16.8	50.4	89.6	134.4	179.2	229.6	285.7	336.1	392.1	453.7
-2.5°	0.0	16.9	50.3	89.5	134.2	179.6	230.1	285.3	336.7	391.6	451.8
-5°	0.0	17.0	50.1	89.1	133.7	179.5	229.9	284.2	336.5	390.2	448.7
-7.5°	0.0	17.0	49.8	88.6	132.9	179.0	229.2	282.4	335.3	387.8	444.5
-10°	0.0	17.0	49.4	87.8	131.7	178.0	227.9	279.9	333.3	384.7	439.4
-12.5°	0.0	17.0	48.9	86.8	130.1	176.5	226.0	276.9	330.2	381.0	434.9
-15°	0.0	16.9	48.2	85.6	128.2	174.5	223.6	273.2	326.2	377.5	430.3
-17.5°	0.0	16.8	47.4	84.1	126.0	171.9	220.5	269.3	321.5	373.1	424.7
-20°	0.0	16.7	46.6	82.5	123.5	168.9	216.8	264.8	316.0	367.6	418.2

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.5	45.6	80.6	120.6	165.2	212.2	259.6	309.6	361.0	411.0
-25°	0.0	16.3	44.5	78.5	117.5	161.1	207.2	253.7	302.4	353.5	402.9
-27.5°	0.0	16.0	43.4	76.2	114.0	156.4	201.5	247.0	294.4	344.7	393.6
-30°	0.0	15.8	42.1	73.8	110.2	151.3	195.4	239.5	285.9	334.7	383.1
-32.5°	0.0	15.4	40.8	71.1	106.3	145.8	188.8	231.7	276.7	323.9	371.4
-35°	0.0	15.1	39.4	68.2	102.2	139.9	181.7	223.3	266.6	312.3	358.6
-37.5°	0.0	14.7	37.9	65.2	97.7	133.9	174.1	214.4	255.7	299.9	343.8
-40°	0.0	14.2	36.3	62.0	93.0	128.0	166.0	204.9	244.0	286.7	328.4
-42.5°	0.0	13.8	34.7	58.6	88.3	121.7	157.5	195.0	232.3	272.5	312.6
-45°	0.0	13.3	33.0	55.2	83.8	115.1	148.6	184.5	220.3	257.9	296.3
-47.5°	0.0	12.7	31.3	51.6	79.0	108.3	139.3	173.6	207.8	242.8	279.5
-50°	0.0	12.2	29.4	48.7	74.0	101.1	130.5	162.3	194.8	228.0	262.4
-52.5°	0.0	11.6	27.6	45.9	68.8	93.7	121.6	150.5	181.2	212.5	244.9
-55°	0.0	10.9	25.6	43.0	63.4	86.8	112.3	138.5	166.9	196.3	226.6
-57.5°	0.0	10.3	23.7	39.9	57.9	79.8	102.8	127.4	152.2	179.4	207.5
-60°	0.0	9.6	21.6	36.7	52.2	72.7	93.1	115.8	137.3	161.9	187.8
-62.5°	0.0	8.9	20.1	33.5	47.7	65.4	84.3	103.8	123.6	143.8	167.4
-65°	0.0	8.2	18.5	30.1	43.1	57.9	75.3	92.1	109.7	127.6	146.3
-67.5°	0.0	7.4	16.8	26.6	38.3	50.9	66.1	81.2	95.6	111.7	127.6
-70°	0.0	6.6	15.1	23.1	33.4	44.6	56.7	70.2	82.9	95.6	109.7
-72.5°	0.0	5.9	13.3	20.2	28.4	38.1	48.5	58.9	70.2	81.2	92.1
-75°	0.0	5.0	11.5	17.3	23.3	31.5	40.3	48.8	57.2	66.7	76.1
-77.5°	0.0	4.2	9.6	14.5	19.3	24.8	31.9	39.0	45.9	52.7	59.9
-80°	0.0	3.4	7.7	11.6	15.5	19.3	23.4	29.0	34.6	40.0	45.4
-82.5°	0.0	2.6	5.8	8.7	11.6	14.5	17.3	20.2	23.2	27.3	31.3
-85°	0.0	1.7	3.9	5.8	7.8	9.7	11.6	13.5	15.3	17.1	18.9
-87.5°	0.0	0.9	2.0	2.9	3.9	4.8	5.8	6.7	7.7	8.6	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	10.3	11.2	12.0	12.8	13.6	14.4	15.1	15.8	16.5	17.2	17.8
85°	20.7	22.4	24.9	27.3	29.4	31.2	32.7	34.0	36.3	38.7	41.2
82.5°	35.2	39.1	42.8	46.5	49.0	51.0	53.0	55.8	60.8	65.5	69.8
80°	50.6	55.7	61.5	67.2	72.1	77.0	82.0	87.2	92.7	97.8	102.7
77.5°	67.5	75.0	82.3	89.4	96.5	104.1	111.5	118.6	125.3	131.8	138.0
75°	85.2	94.2	104.0	113.8	123.2	132.4	141.4	151.0	160.2	168.9	177.3
72.5°	103.8	115.8	127.4	138.8	151.0	163.1	174.7	185.9	196.8	208.3	220.3
70°	123.6	137.3	152.4	167.0	180.7	195.0	209.4	221.8	233.6	249.3	265.4
67.5°	144.0	162.4	179.5	195.9	214.2	231.2	245.8	261.5	278.3	296.5	312.4
65°	168.0	188.0	207.9	228.7	249.8	267.4	285.8	305.2	324.2	342.3	359.6
62.5°	191.6	214.3	237.2	259.9	281.6	302.7	324.8	346.5	367.3	388.4	407.0
60°	214.5	240.2	264.4	288.0	312.6	338.8	363.4	387.3	412.4	436.2	448.7
57.5°	236.6	264.0	289.3	315.8	344.7	374.3	400.0	427.2	448.7	465.2	481.4
55°	257.3	285.8	313.5	343.3	374.7	405.5	434.1	458.4	478.2	493.3	510.4
52.5°	276.7	306.8	336.9	369.5	402.8	435.6	465.6	488.3	506.1	521.6	537.7
50°	295.8	327.3	359.2	394.9	430.6	465.5	494.9	515.7	532.5	548.4	564.9
47.5°	314.5	347.6	381.9	420.0	458.6	492.4	520.2	539.2	556.2	574.9	592.9
45°	332.9	368.7	405.1	445.9	484.8	517.2	540.9	560.0	580.9	601.1	620.5
42.5°	350.8	389.4	428.9	471.2	508.8	538.1	560.1	582.6	605.2	626.7	648.6
40°	368.9	409.4	451.2	493.3	531.1	556.3	579.7	604.0	628.9	652.3	676.5
37.5°	386.3	428.2	471.2	513.8	548.1	573.7	598.0	624.8	651.0	676.5	708.1
35°	402.7	445.2	488.7	529.8	562.9	589.4	616.6	644.7	672.3	705.3	741.3
32.5°	417.5	460.6	504.6	543.0	575.3	603.9	634.4	663.7	696.9	734.3	777.4
30°	429.9	474.0	518.2	555.6	587.3	617.5	650.5	683.0	721.7	766.7	818.0
27.5°	440.8	486.0	529.0	566.5	598.6	628.7	663.5	704.5	748.9	799.3	859.6
25°	451.0	498.2	539.2	576.4	607.7	639.2	676.4	721.8	775.2	835.9	909.6
22.5°	460.6	509.9	549.6	585.9	614.8	648.9	690.8	740.1	798.2	869.3	959.1
20°	469.8	518.6	557.9	593.3	620.2	657.2	703.5	756.1	822.1	906.9	1010.7
17.5°	478.3	526.1	564.4	597.6	627.2	666.2	714.7	769.1	842.9	941.0	1058.2
15°	486.0	532.4	569.6	601.2	633.4	675.6	726.3	785.3	865.9	973.6	1100.3
12.5°	492.8	537.5	573.6	604.0	638.4	683.3	736.6	802.1	890.6	1005.6	1153.7
10°	498.6	541.4	576.4	605.9	642.2	689.2	745.2	815.8	910.2	1030.4	1194.7
7.5°	503.5	544.5	578.3	606.9	644.6	693.2	752.0	826.3	924.0	1048.0	1224.3
5°	507.0	546.9	580.6	610.4	648.4	696.5	756.9	833.4	932.1	1058.5	1242.8
2.5°	509.0	548.4	582.0	613.7	652.5	699.2	760.6	841.2	938.7	1068.7	1256.8
0°	509.7	548.9	582.5	616.1	655.3	700.1	761.8	845.8	941.0	1075.4	1265.9
-2.5°	509.0	548.4	582.0	613.7	652.5	699.2	760.6	841.2	938.7	1068.7	1256.8
-5°	507.0	546.9	580.6	610.4	648.4	696.5	756.9	833.4	932.1	1058.5	1242.8
-7.5°	503.5	544.5	578.3	606.9	644.6	693.2	752.0	826.3	924.0	1048.0	1224.3
-10°	498.6	541.4	576.4	605.9	642.2	689.2	745.2	815.8	910.2	1030.4	1194.7
-12.5°	492.8	537.5	573.6	604.0	638.4	683.3	736.6	802.1	890.6	1005.6	1153.7
-15°	486.0	532.4	569.6	601.2	633.4	675.6	726.3	785.3	865.9	973.6	1100.3
-17.5°	478.3	526.1	564.4	597.6	627.2	666.2	714.7	769.1	842.9	941.0	1058.2
-20°	469.8	518.6	557.9	593.3	620.2	657.2	703.5	756.1	822.1	906.9	1010.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	460.6	509.9	549.6	585.9	614.8	648.9	690.8	740.1	798.2	869.3	959.1
-25°	451.0	498.2	539.2	576.4	607.7	639.2	676.4	721.8	775.2	835.9	909.6
-27.5°	440.8	486.0	529.0	566.5	598.6	628.7	663.5	704.5	748.9	799.3	859.6
-30°	429.9	474.0	518.2	555.6	587.3	617.5	650.5	683.0	721.7	766.7	818.0
-32.5°	417.5	460.6	504.6	543.0	575.3	603.9	634.4	663.7	696.9	734.3	777.4
-35°	402.7	445.2	488.7	529.8	562.9	589.4	616.6	644.7	672.3	705.3	741.3
-37.5°	386.3	428.2	471.2	513.8	548.1	573.7	598.0	624.8	651.0	676.5	708.1
-40°	368.9	409.4	451.2	493.3	531.1	556.3	579.7	604.0	628.9	652.3	676.5
-42.5°	350.8	389.4	428.9	471.2	508.8	538.1	560.1	582.6	605.2	626.7	648.6
-45°	332.9	368.7	405.1	445.9	484.8	517.2	540.9	560.0	580.9	601.1	620.5
-47.5°	314.5	347.6	381.9	420.0	458.6	492.4	520.2	539.2	556.2	574.9	592.9
-50°	295.8	327.3	359.2	394.9	430.6	465.5	494.9	515.7	532.5	548.4	564.9
-52.5°	276.7	306.8	336.9	369.5	402.8	435.6	465.6	488.3	506.1	521.6	537.7
-55°	257.3	285.8	313.5	343.3	374.7	405.5	434.1	458.4	478.2	493.3	510.4
-57.5°	236.6	264.0	289.3	315.8	344.7	374.3	400.0	427.2	448.7	465.2	481.4
-60°	214.5	240.2	264.4	288.0	312.6	338.8	363.4	387.3	412.4	436.2	448.7
-62.5°	191.6	214.3	237.2	259.9	281.6	302.7	324.8	346.5	367.3	388.4	407.0
-65°	168.0	188.0	207.9	228.7	249.8	267.4	285.8	305.2	324.2	342.3	359.6
-67.5°	144.0	162.4	179.5	195.9	214.2	231.2	245.8	261.5	278.3	296.5	312.4
-70°	123.6	137.3	152.4	167.0	180.7	195.0	209.4	221.8	233.6	249.3	265.4
-72.5°	103.8	115.8	127.4	138.8	151.0	163.1	174.7	185.9	196.8	208.3	220.3
-75°	85.2	94.2	104.0	113.8	123.2	132.4	141.4	151.0	160.2	168.9	177.3
-77.5°	67.5	75.0	82.3	89.4	96.5	104.1	111.5	118.6	125.3	131.8	138.0
-80°	50.6	55.7	61.5	67.2	72.1	77.0	82.0	87.2	92.7	97.8	102.7
-82.5°	35.2	39.1	42.8	46.5	49.0	51.0	53.0	55.8	60.8	65.5	69.8
-85°	20.7	22.4	24.9	27.3	29.4	31.2	32.7	34.0	36.3	38.7	41.2
-87.5°	10.3	11.2	12.0	12.8	13.6	14.4	15.1	15.8	16.5	17.2	17.8
-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: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	18.3	18.9	19.4	19.9	20.3	20.7	21.0	21.4	21.6	20.5	19.3
85°	43.8	45.5	47.0	48.4	49.7	50.9	51.9	52.9	53.7	53.0	52.2
82.5°	73.8	76.7	79.4	81.8	84.1	86.2	88.1	89.7	91.2	91.1	90.7
80°	107.3	112.1	117.0	121.8	126.4	129.3	131.3	132.9	133.9	134.4	134.5
77.5°	144.3	151.7	159.5	167.1	174.5	178.9	181.9	184.5	186.5	186.9	186.6
75°	185.2	194.8	205.4	214.6	222.6	227.6	231.0	233.9	236.2	236.8	236.6
72.5°	232.8	244.7	254.1	262.0	268.7	274.0	278.3	281.9	284.9	286.1	286.3
70°	279.6	291.3	300.3	308.3	314.9	320.4	325.5	329.9	333.5	336.2	338.2
67.5°	327.0	340.4	349.6	356.8	362.5	368.2	375.0	380.9	385.9	389.2	390.9
65°	375.7	389.5	398.4	406.2	413.1	420.4	428.0	433.6	437.3	439.6	441.1
62.5°	422.8	435.7	446.9	457.3	467.3	475.6	480.8	485.5	489.5	492.8	495.4
60°	463.3	479.7	492.2	502.2	512.0	521.4	527.8	532.9	536.9	539.8	541.6
57.5°	497.8	514.5	529.3	539.0	549.6	560.9	568.3	572.6	576.5	579.9	581.5
55°	528.0	543.4	557.1	570.3	582.2	592.4	600.3	606.0	610.8	614.7	615.9
52.5°	555.2	572.0	588.0	602.1	613.7	623.5	631.3	638.4	643.8	647.5	649.2
50°	583.7	601.8	619.0	634.4	646.3	657.2	667.0	675.4	683.5	689.8	694.4
47.5°	611.8	631.1	650.0	667.0	681.4	697.2	711.4	723.4	735.1	744.6	751.1
45°	640.1	662.3	683.0	704.9	724.4	745.1	764.3	780.8	797.8	810.7	819.3
42.5°	671.6	696.9	721.7	748.9	775.5	802.4	831.5	857.5	877.5	896.3	911.6
40°	705.3	734.3	766.7	800.0	839.2	874.7	913.8	947.4	977.7	1009.8	1035.3
37.5°	741.3	777.4	820.0	864.6	915.2	963.9	1014.9	1065.1	1108.9	1160.6	1200.0
35°	781.1	829.3	881.6	942.0	1005.1	1074.7	1144.6	1225.3	1294.8	1371.1	1437.7
32.5°	828.1	885.6	954.4	1033.9	1115.0	1220.8	1319.6	1448.1	1559.1	1680.3	1802.4
30°	876.4	951.7	1040.4	1140.7	1269.5	1415.0	1577.1	1768.2	1965.1	2155.7	2385.7
27.5°	936.4	1027.2	1134.6	1281.2	1470.8	1667.4	1946.1	2233.0	2595.0	2894.5	3316.8
25°	998.7	1105.5	1258.2	1457.5	1705.1	2046.2	2469.1	2927.5	3564.6	4124.4	4780.9
22.5°	1066.4	1210.8	1400.7	1646.7	2022.1	2545.7	3186.1	4049.0	4988.7	5986.5	6979.0
20°	1137.1	1311.7	1560.6	1917.2	2432.3	3141.3	4240.7	5573.0	6915.5	8561.8	10019.5
17.5°	1218.9	1441.1	1747.9	2193.8	2881.1	3967.3	5492.5	7352.4	9435.2	11802.2	13903.8
15°	1287.1	1552.0	1939.3	2563.0	3508.3	4903.3	6826.6	9385.2	12515.1	15694.1	18919.4
12.5°	1366.2	1672.6	2127.5	2871.2	4058.5	5912.4	8530.4	11768.8	15677.7	20087.2	25285.2
10°	1436.4	1791.0	2356.5	3277.2	4728.1	6964.8	10142.1	14038.1	19082.6	25426.8	33476.5
7.5°	1488.5	1885.3	2533.4	3586.1	5307.0	7976.6	11664.8	16523.2	22933.0	31310.4	42357.9
5°	1522.3	1953.5	2658.4	3824.5	5760.1	8729.6	12780.8	18285.8	26018.8	37867.2	56574.7
2.5°	1542.5	1993.9	2729.9	3964.3	6035.6	9228.6	13629.9	19618.6	28018.6	41919.2	65718.7
0°	1551.5	2005.2	2772.6	4038.5	6127.7	9421.2	14019.8	20225.9	28913.4	42866.0	67326.4
-2.5°	1542.5	1993.9	2729.9	3964.3	6035.6	9228.6	13629.9	19618.6	28018.6	41919.2	65718.7
-5°	1522.3	1953.5	2658.4	3824.5	5760.1	8729.6	12780.8	18285.8	26018.8	37867.2	56574.7
-7.5°	1488.5	1885.3	2533.4	3586.1	5307.0	7976.6	11664.8	16523.2	22933.0	31310.4	42357.9
-10°	1436.4	1791.0	2356.5	3277.2	4728.1	6964.8	10142.1	14038.1	19082.6	25426.8	33476.5
-12.5°	1366.2	1672.6	2127.5	2871.2	4058.5	5912.4	8530.4	11768.8	15677.7	20087.2	25285.2
-15°	1287.1	1552.0	1939.3	2563.0	3508.3	4903.3	6826.6	9385.2	12515.1	15694.1	18919.4
-17.5°	1218.9	1441.1	1747.9	2193.8	2881.1	3967.3	5492.5	7352.4	9435.2	11802.2	13903.8
-20°	1137.1	1311.7	1560.6	1917.2	2432.3	3141.3	4240.7	5573.0	6915.5	8561.8	10019.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	1066.4	1210.8	1400.7	1646.7	2022.1	2545.7	3186.1	4049.0	4988.7	5986.5	6979.0
-25°	998.7	1105.5	1258.2	1457.5	1705.1	2046.2	2469.1	2927.5	3564.6	4124.4	4780.9
-27.5°	936.4	1027.2	1134.6	1281.2	1470.8	1667.4	1946.1	2233.0	2595.0	2894.5	3316.8
-30°	876.4	951.7	1040.4	1140.7	1269.5	1415.0	1577.1	1768.2	1965.1	2155.7	2385.7
-32.5°	828.1	885.6	954.4	1033.9	1115.0	1220.8	1319.6	1448.1	1559.1	1680.3	1802.4
-35°	781.1	829.3	881.6	942.0	1005.1	1074.7	1144.6	1225.3	1294.8	1371.1	1437.7
-37.5°	741.3	777.4	820.0	864.6	915.2	963.9	1014.9	1065.1	1108.9	1160.6	1200.0
-40°	705.3	734.3	766.7	800.0	839.2	874.7	913.8	947.4	977.7	1009.8	1035.3
-42.5°	671.6	696.9	721.7	748.9	775.5	802.4	831.5	857.5	877.5	896.3	911.6
-45°	640.1	662.3	683.0	704.9	724.4	745.1	764.3	780.8	797.8	810.7	819.3
-47.5°	611.8	631.1	650.0	667.0	681.4	697.2	711.4	723.4	735.1	744.6	751.1
-50°	583.7	601.8	619.0	634.4	646.3	657.2	667.0	675.4	683.5	689.8	694.4
-52.5°	555.2	572.0	588.0	602.1	613.7	623.5	631.3	638.4	643.8	647.5	649.2
-55°	528.0	543.4	557.1	570.3	582.2	592.4	600.3	606.0	610.8	614.7	615.9
-57.5°	497.8	514.5	529.3	539.0	549.6	560.9	568.3	572.6	576.5	579.9	581.5
-60°	463.3	479.7	492.2	502.2	512.0	521.4	527.8	532.9	536.9	539.8	541.6
-62.5°	422.8	435.7	446.9	457.3	467.3	475.6	480.8	485.5	489.5	492.8	495.4
-65°	375.7	389.5	398.4	406.2	413.1	420.4	428.0	433.6	437.3	439.6	441.1
-67.5°	327.0	340.4	349.6	356.8	362.5	368.2	375.0	380.9	385.9	389.2	390.9
-70°	279.6	291.3	300.3	308.3	314.9	320.4	325.5	329.9	333.5	336.2	338.2
-72.5°	232.8	244.7	254.1	262.0	268.7	274.0	278.3	281.9	284.9	286.1	286.3
-75°	185.2	194.8	205.4	214.6	222.6	227.6	231.0	233.9	236.2	236.8	236.6
-77.5°	144.3	151.7	159.5	167.1	174.5	178.9	181.9	184.5	186.5	186.9	186.6
-80°	107.3	112.1	117.0	121.8	126.4	129.3	131.3	132.9	133.9	134.4	134.5
-82.5°	73.8	76.7	79.4	81.8	84.1	86.2	88.1	89.7	91.2	91.1	90.7
-85°	43.8	45.5	47.0	48.4	49.7	50.9	51.9	52.9	53.7	53.0	52.2
-87.5°	18.3	18.9	19.4	19.9	20.3	20.7	21.0	21.4	21.6	20.5	19.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	18.0	16.7	16.8	16.8	16.8	16.7	18.0	19.3	20.5	21.6	21.4
85°	51.2	50.2	50.3	50.4	50.3	50.2	51.2	52.2	53.0	53.7	52.9
82.5°	90.0	89.2	89.5	89.6	89.5	89.2	90.0	90.7	91.1	91.2	89.7
80°	134.3	133.8	131.5	128.8	131.5	133.8	134.3	134.5	134.4	133.9	132.9
77.5°	185.5	184.0	181.8	179.2	181.8	184.0	185.5	186.6	186.9	186.5	184.5
75°	235.7	234.3	235.0	235.3	235.0	234.3	235.7	236.6	236.8	236.2	233.9
72.5°	285.8	284.6	285.4	285.7	285.4	284.6	285.8	286.3	286.1	284.9	281.9
70°	339.5	340.1	338.7	336.1	338.7	340.1	339.5	338.2	336.2	333.5	329.9
67.5°	391.4	390.7	389.1	386.5	389.1	390.7	391.4	390.9	389.2	385.9	380.9
65°	441.6	441.0	442.0	442.5	442.0	441.0	441.6	441.1	439.6	437.3	433.6
62.5°	496.6	496.7	495.4	492.9	495.4	496.7	496.6	495.4	492.8	489.5	485.5
60°	542.3	541.9	540.4	537.7	540.4	541.9	542.3	541.6	539.8	536.9	532.9
57.5°	581.9	581.4	579.7	576.9	579.7	581.4	581.9	581.5	579.9	576.5	572.6
55°	616.1	615.3	613.4	610.5	613.4	615.3	616.1	615.9	614.7	610.8	606.0
52.5°	649.6	648.9	649.1	649.7	649.1	648.9	649.6	649.2	647.5	643.8	638.4
50°	697.2	698.1	697.3	694.5	697.3	698.1	697.2	694.4	689.8	683.5	675.4
47.5°	754.3	754.6	753.3	750.6	753.3	754.6	754.3	751.1	744.6	735.1	723.4
45°	826.1	830.2	831.2	829.0	831.2	830.2	826.1	819.3	810.7	797.8	780.8
42.5°	923.3	929.7	931.5	929.8	931.5	929.7	923.3	911.6	896.3	877.5	857.5
40°	1051.0	1058.2	1059.6	1058.6	1059.6	1058.2	1051.0	1035.3	1009.8	977.7	947.4
37.5°	1227.7	1245.4	1253.7	1254.7	1253.7	1245.4	1227.7	1200.0	1160.6	1108.9	1065.1
35°	1488.4	1523.6	1542.4	1551.5	1542.4	1523.6	1488.4	1437.7	1371.1	1294.8	1225.3
32.5°	1894.9	1965.4	2004.4	1999.6	2004.4	1965.4	1894.9	1802.4	1680.3	1559.1	1448.1
30°	2559.0	2682.2	2744.2	2727.8	2744.2	2682.2	2559.0	2385.7	2155.7	1965.1	1768.2
27.5°	3620.1	3842.8	3971.5	3954.4	3971.5	3842.8	3620.1	3316.8	2894.5	2595.0	2233.0
25°	5329.7	5736.0	5996.1	5931.7	5996.1	5736.0	5329.7	4780.9	4124.4	3564.6	2927.5
22.5°	7930.4	8618.6	9074.1	9017.9	9074.1	8618.6	7930.4	6979.0	5986.5	4988.7	4049.0
20°	11497.8	12545.3	13293.4	13392.5	13293.4	12545.3	11497.8	10019.5	8561.8	6915.5	5573.0
17.5°	16173.9	17834.9	18991.2	19184.1	18991.2	17834.9	16173.9	13903.8	11802.2	9435.2	7352.4
15°	22251.2	24966.1	26930.8	27093.0	26930.8	24966.1	22251.2	18919.4	15694.1	12515.1	9385.2
12.5°	30503.3	35963.6	39527.2	41096.0	39527.2	35963.6	30503.3	25285.2	20087.2	15677.7	11768.8
10°	41923.9	54465.7	62497.7	65517.2	62497.7	54465.7	41923.9	33476.5	25426.8	19082.6	14038.1
7.5°	60999.5	80690.5	102581.7	111911.9	102581.7	80690.5	60999.5	42357.9	31310.4	22933.0	16523.2
5°	82601.1	123467.9	162339.5	177518.8	162339.5	123467.9	82601.1	56574.7	37867.2	26018.8	18285.8
2.5°	105331.7	162294.0	215672.0	236547.0	215672.0	162294.0	105331.7	65718.7	41919.2	28018.6	19618.6
0°	114208.5	179294.4	238022.9	261430.3	238022.9	179294.4	114208.5	67326.4	42866.0	28913.4	20225.9
-2.5°	105331.7	162294.0	215672.0	236547.0	215672.0	162294.0	105331.7	65718.7	41919.2	28018.6	19618.6
-5°	82601.1	123467.9	162339.5	177518.8	162339.5	123467.9	82601.1	56574.7	37867.2	26018.8	18285.8
-7.5°	60999.5	80690.5	102581.7	111911.9	102581.7	80690.5	60999.5	42357.9	31310.4	22933.0	16523.2
-10°	41923.9	54465.7	62497.7	65517.2	62497.7	54465.7	41923.9	33476.5	25426.8	19082.6	14038.1
-12.5°	30503.3	35963.6	39527.2	41096.0	39527.2	35963.6	30503.3	25285.2	20087.2	15677.7	11768.8
-15°	22251.2	24966.1	26930.8	27093.0	26930.8	24966.1	22251.2	18919.4	15694.1	12515.1	9385.2
-17.5°	16173.9	17834.9	18991.2	19184.1	18991.2	17834.9	16173.9	13903.8	11802.2	9435.2	7352.4
-20°	11497.8	12545.3	13293.4	13392.5	13293.4	12545.3	11497.8	10019.5	8561.8	6915.5	5573.0



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	7930.4	8618.6	9074.1	9017.9	9074.1	8618.6	7930.4	6979.0	5986.5	4988.7	4049.0
-25°	5329.7	5736.0	5996.1	5931.7	5996.1	5736.0	5329.7	4780.9	4124.4	3564.6	2927.5
-27.5°	3620.1	3842.8	3971.5	3954.4	3971.5	3842.8	3620.1	3316.8	2894.5	2595.0	2233.0
-30°	2559.0	2682.2	2744.2	2727.8	2744.2	2682.2	2559.0	2385.7	2155.7	1965.1	1768.2
-32.5°	1894.9	1965.4	2004.4	1999.6	2004.4	1965.4	1894.9	1802.4	1680.3	1559.1	1448.1
-35°	1488.4	1523.6	1542.4	1551.5	1542.4	1523.6	1488.4	1437.7	1371.1	1294.8	1225.3
-37.5°	1227.7	1245.4	1253.7	1254.7	1253.7	1245.4	1227.7	1200.0	1160.6	1108.9	1065.1
-40°	1051.0	1058.2	1059.6	1058.6	1059.6	1058.2	1051.0	1035.3	1009.8	977.7	947.4
-42.5°	923.3	929.7	931.5	929.8	931.5	929.7	923.3	911.6	896.3	877.5	857.5
-45°	826.1	830.2	831.2	829.0	831.2	830.2	826.1	819.3	810.7	797.8	780.8
-47.5°	754.3	754.6	753.3	750.6	753.3	754.6	754.3	751.1	744.6	735.1	723.4
-50°	697.2	698.1	697.3	694.5	697.3	698.1	697.2	694.4	689.8	683.5	675.4
-52.5°	649.6	648.9	649.1	649.7	649.1	648.9	649.6	649.2	647.5	643.8	638.4
-55°	616.1	615.3	613.4	610.5	613.4	615.3	616.1	615.9	614.7	610.8	606.0
-57.5°	581.9	581.4	579.7	576.9	579.7	581.4	581.9	581.5	579.9	576.5	572.6
-60°	542.3	541.9	540.4	537.7	540.4	541.9	542.3	541.6	539.8	536.9	532.9
-62.5°	496.6	496.7	495.4	492.9	495.4	496.7	496.6	495.4	492.8	489.5	485.5
-65°	441.6	441.0	442.0	442.5	442.0	441.0	441.6	441.1	439.6	437.3	433.6
-67.5°	391.4	390.7	389.1	386.5	389.1	390.7	391.4	390.9	389.2	385.9	380.9
-70°	339.5	340.1	338.7	336.1	338.7	340.1	339.5	338.2	336.2	333.5	329.9
-72.5°	285.8	284.6	285.4	285.7	285.4	284.6	285.8	286.3	286.1	284.9	281.9
-75°	235.7	234.3	235.0	235.3	235.0	234.3	235.7	236.6	236.8	236.2	233.9
-77.5°	185.5	184.0	181.8	179.2	181.8	184.0	185.5	186.6	186.9	186.5	184.5
-80°	134.3	133.8	131.5	128.8	131.5	133.8	134.3	134.5	134.4	133.9	132.9
-82.5°	90.0	89.2	89.5	89.6	89.5	89.2	90.0	90.7	91.1	91.2	89.7
-85°	51.2	50.2	50.3	50.4	50.3	50.2	51.2	52.2	53.0	53.7	52.9
-87.5°	18.0	16.7	16.8	16.8	16.8	16.7	18.0	19.3	20.5	21.6	21.4
-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: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	21.0	20.7	20.3	19.9	19.4	18.9	18.3	17.8	17.2	16.5	15.8
85°	51.9	50.9	49.7	48.4	47.0	45.5	43.8	41.2	38.7	36.3	34.0
82.5°	88.1	86.2	84.1	81.8	79.4	76.7	73.8	69.8	65.5	60.8	55.8
80°	131.3	129.3	126.4	121.8	117.0	112.1	107.3	102.7	97.8	92.7	87.2
77.5°	181.9	178.9	174.5	167.1	159.5	151.7	144.3	138.0	131.8	125.3	118.6
75°	231.0	227.6	222.6	214.6	205.4	194.8	185.2	177.3	168.9	160.2	151.0
72.5°	278.3	274.0	268.7	262.0	254.1	244.7	232.8	220.3	208.3	196.8	185.9
70°	325.5	320.4	314.9	308.3	300.3	291.3	279.6	265.4	249.3	233.6	221.8
67.5°	375.0	368.2	362.5	356.8	349.6	340.4	327.0	312.4	296.5	278.3	261.5
65°	428.0	420.4	413.1	406.2	398.4	389.5	375.7	359.6	342.3	324.2	305.2
62.5°	480.8	475.6	467.3	457.3	446.9	435.7	422.8	407.0	388.4	367.3	346.5
60°	527.8	521.4	512.0	502.2	492.2	479.7	463.3	448.7	436.2	412.4	387.3
57.5°	568.3	560.9	549.6	539.0	529.3	514.5	497.8	481.4	465.2	448.7	427.2
55°	600.3	592.4	582.2	570.3	557.1	543.4	528.0	510.4	493.3	478.2	458.4
52.5°	631.3	623.5	613.7	602.1	588.0	572.0	555.2	537.7	521.6	506.1	488.3
50°	667.0	657.2	646.3	634.4	619.0	601.8	583.7	564.9	548.4	532.5	515.7
47.5°	711.4	697.2	681.4	667.0	650.0	631.1	611.8	592.9	574.9	556.2	539.2
45°	764.3	745.1	724.4	704.9	683.0	662.3	640.1	620.5	601.1	580.9	560.0
42.5°	831.5	802.4	775.5	748.9	721.7	696.9	671.6	648.6	626.7	605.2	582.6
40°	913.8	874.7	839.2	800.0	766.7	734.3	705.3	676.5	652.3	628.9	604.0
37.5°	1014.9	963.9	915.2	864.6	820.0	777.4	741.3	708.1	676.5	651.0	624.8
35°	1144.6	1074.7	1005.1	942.0	881.6	829.3	781.1	741.3	705.3	672.3	644.7
32.5°	1319.6	1220.8	1115.0	1033.9	954.4	885.6	828.1	777.4	734.3	696.9	663.7
30°	1577.1	1415.0	1269.5	1140.7	1040.4	951.7	876.4	818.0	766.7	721.7	683.0
27.5°	1946.1	1667.4	1470.8	1281.2	1134.6	1027.2	936.4	859.6	799.3	748.9	704.5
25°	2469.1	2046.2	1705.1	1457.5	1258.2	1105.5	998.7	909.6	835.9	775.2	721.8
22.5°	3186.1	2545.7	2022.1	1646.7	1400.7	1210.8	1066.4	959.1	869.3	798.2	740.1
20°	4240.7	3141.3	2432.3	1917.2	1560.6	1311.7	1137.1	1010.7	906.9	822.1	756.1
17.5°	5492.5	3967.3	2881.1	2193.8	1747.9	1441.1	1218.9	1058.2	941.0	842.9	769.1
15°	6826.6	4903.3	3508.3	2563.0	1939.3	1552.0	1287.1	1100.3	973.6	865.9	785.3
12.5°	8530.4	5912.4	4058.5	2871.2	2127.5	1672.6	1366.2	1153.7	1005.6	890.6	802.1
10°	10142.1	6964.8	4728.1	3277.2	2356.5	1791.0	1436.4	1194.7	1030.4	910.2	815.8
7.5°	11664.8	7976.6	5307.0	3586.1	2533.4	1885.3	1488.5	1224.3	1048.0	924.0	826.3
5°	12780.8	8729.6	5760.1	3824.5	2658.4	1953.5	1522.3	1242.8	1058.5	932.1	833.4
2.5°	13629.9	9228.6	6035.6	3964.3	2729.9	1993.9	1542.5	1256.8	1068.7	938.7	841.2
0°	14019.8	9421.2	6127.7	4038.5	2772.6	2005.2	1551.5	1265.9	1075.4	941.0	845.8
-2.5°	13629.9	9228.6	6035.6	3964.3	2729.9	1993.9	1542.5	1256.8	1068.7	938.7	841.2
-5°	12780.8	8729.6	5760.1	3824.5	2658.4	1953.5	1522.3	1242.8	1058.5	932.1	833.4
-7.5°	11664.8	7976.6	5307.0	3586.1	2533.4	1885.3	1488.5	1224.3	1048.0	924.0	826.3
-10°	10142.1	6964.8	4728.1	3277.2	2356.5	1791.0	1436.4	1194.7	1030.4	910.2	815.8
-12.5°	8530.4	5912.4	4058.5	2871.2	2127.5	1672.6	1366.2	1153.7	1005.6	890.6	802.1
-15°	6826.6	4903.3	3508.3	2563.0	1939.3	1552.0	1287.1	1100.3	973.6	865.9	785.3
-17.5°	5492.5	3967.3	2881.1	2193.8	1747.9	1441.1	1218.9	1058.2	941.0	842.9	769.1
-20°	4240.7	3141.3	2432.3	1917.2	1560.6	1311.7	1137.1	1010.7	906.9	822.1	756.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	3186.1	2545.7	2022.1	1646.7	1400.7	1210.8	1066.4	959.1	869.3	798.2	740.1
-25°	2469.1	2046.2	1705.1	1457.5	1258.2	1105.5	998.7	909.6	835.9	775.2	721.8
-27.5°	1946.1	1667.4	1470.8	1281.2	1134.6	1027.2	936.4	859.6	799.3	748.9	704.5
-30°	1577.1	1415.0	1269.5	1140.7	1040.4	951.7	876.4	818.0	766.7	721.7	683.0
-32.5°	1319.6	1220.8	1115.0	1033.9	954.4	885.6	828.1	777.4	734.3	696.9	663.7
-35°	1144.6	1074.7	1005.1	942.0	881.6	829.3	781.1	741.3	705.3	672.3	644.7
-37.5°	1014.9	963.9	915.2	864.6	820.0	777.4	741.3	708.1	676.5	651.0	624.8
-40°	913.8	874.7	839.2	800.0	766.7	734.3	705.3	676.5	652.3	628.9	604.0
-42.5°	831.5	802.4	775.5	748.9	721.7	696.9	671.6	648.6	626.7	605.2	582.6
-45°	764.3	745.1	724.4	704.9	683.0	662.3	640.1	620.5	601.1	580.9	560.0
-47.5°	711.4	697.2	681.4	667.0	650.0	631.1	611.8	592.9	574.9	556.2	539.2
-50°	667.0	657.2	646.3	634.4	619.0	601.8	583.7	564.9	548.4	532.5	515.7
-52.5°	631.3	623.5	613.7	602.1	588.0	572.0	555.2	537.7	521.6	506.1	488.3
-55°	600.3	592.4	582.2	570.3	557.1	543.4	528.0	510.4	493.3	478.2	458.4
-57.5°	568.3	560.9	549.6	539.0	529.3	514.5	497.8	481.4	465.2	448.7	427.2
-60°	527.8	521.4	512.0	502.2	492.2	479.7	463.3	448.7	436.2	412.4	387.3
-62.5°	480.8	475.6	467.3	457.3	446.9	435.7	422.8	407.0	388.4	367.3	346.5
-65°	428.0	420.4	413.1	406.2	398.4	389.5	375.7	359.6	342.3	324.2	305.2
-67.5°	375.0	368.2	362.5	356.8	349.6	340.4	327.0	312.4	296.5	278.3	261.5
-70°	325.5	320.4	314.9	308.3	300.3	291.3	279.6	265.4	249.3	233.6	221.8
-72.5°	278.3	274.0	268.7	262.0	254.1	244.7	232.8	220.3	208.3	196.8	185.9
-75°	231.0	227.6	222.6	214.6	205.4	194.8	185.2	177.3	168.9	160.2	151.0
-77.5°	181.9	178.9	174.5	167.1	159.5	151.7	144.3	138.0	131.8	125.3	118.6
-80°	131.3	129.3	126.4	121.8	117.0	112.1	107.3	102.7	97.8	92.7	87.2
-82.5°	88.1	86.2	84.1	81.8	79.4	76.7	73.8	69.8	65.5	60.8	55.8
-85°	51.9	50.9	49.7	48.4	47.0	45.5	43.8	41.2	38.7	36.3	34.0
-87.5°	21.0	20.7	20.3	19.9	19.4	18.9	18.3	17.8	17.2	16.5	15.8
-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: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	15.1	14.4	13.6	12.8	12.0	11.2	10.3	9.5	8.6	7.7	6.7
85°	32.7	31.2	29.4	27.3	24.9	22.4	20.7	18.9	17.1	15.3	13.5
82.5°	53.0	51.0	49.0	46.5	42.8	39.1	35.2	31.3	27.3	23.2	20.2
80°	82.0	77.0	72.1	67.2	61.5	55.7	50.6	45.4	40.0	34.6	29.0
77.5°	111.5	104.1	96.5	89.4	82.3	75.0	67.5	59.9	52.7	45.9	39.0
75°	141.4	132.4	123.2	113.8	104.0	94.2	85.2	76.1	66.7	57.2	48.8
72.5°	174.7	163.1	151.0	138.8	127.4	115.8	103.8	92.1	81.2	70.2	58.9
70°	209.4	195.0	180.7	167.0	152.4	137.3	123.6	109.7	95.6	82.9	70.2
67.5°	245.8	231.2	214.2	195.9	179.5	162.4	144.0	127.6	111.7	95.6	81.2
65°	285.8	267.4	249.8	228.7	207.9	188.0	168.0	146.3	127.6	109.7	92.1
62.5°	324.8	302.7	281.6	259.9	237.2	214.3	191.6	167.4	143.8	123.6	103.8
60°	363.4	338.8	312.6	288.0	264.4	240.2	214.5	187.8	161.9	137.3	115.8
57.5°	400.0	374.3	344.7	315.8	289.3	264.0	236.6	207.5	179.4	152.2	127.4
55°	434.1	405.5	374.7	343.3	313.5	285.8	257.3	226.6	196.3	166.9	138.5
52.5°	465.6	435.6	402.8	369.5	336.9	306.8	276.7	244.9	212.5	181.2	150.5
50°	494.9	465.5	430.6	394.9	359.2	327.3	295.8	262.4	228.0	194.8	162.3
47.5°	520.2	492.4	458.6	420.0	381.9	347.6	314.5	279.5	242.8	207.8	173.6
45°	540.9	517.2	484.8	445.9	405.1	368.7	332.9	296.3	257.9	220.3	184.5
42.5°	560.1	538.1	508.8	471.2	428.9	389.4	350.8	312.6	272.5	232.3	195.0
40°	579.7	556.3	531.1	493.3	451.2	409.4	368.9	328.4	286.7	244.0	204.9
37.5°	598.0	573.7	548.1	513.8	471.2	428.2	386.3	343.8	299.9	255.7	214.4
35°	616.6	589.4	562.9	529.8	488.7	445.2	402.7	358.6	312.3	266.6	223.3
32.5°	634.4	603.9	575.3	543.0	504.6	460.6	417.5	371.4	323.9	276.7	231.7
30°	650.5	617.5	587.3	555.6	518.2	474.0	429.9	383.1	334.7	285.9	239.5
27.5°	663.5	628.7	598.6	566.5	529.0	486.0	440.8	393.6	344.7	294.4	247.0
25°	676.4	639.2	607.7	576.4	539.2	498.2	451.0	402.9	353.5	302.4	253.7
22.5°	690.8	648.9	614.8	585.9	549.6	509.9	460.6	411.0	361.0	309.6	259.6
20°	703.5	657.2	620.2	593.3	557.9	518.6	469.8	418.2	367.6	316.0	264.8
17.5°	714.7	666.2	627.2	597.6	564.4	526.1	478.3	424.7	373.1	321.5	269.3
15°	726.3	675.6	633.4	601.2	569.6	532.4	486.0	430.3	377.5	326.2	273.2
12.5°	736.6	683.3	638.4	604.0	573.6	537.5	492.8	434.9	381.0	330.2	276.9
10°	745.2	689.2	642.2	605.9	576.4	541.4	498.6	439.4	384.7	333.3	279.9
7.5°	752.0	693.2	644.6	606.9	578.3	544.5	503.5	444.5	387.8	335.3	282.4
5°	756.9	696.5	648.4	610.4	580.6	546.9	507.0	448.7	390.2	336.5	284.2
2.5°	760.6	699.2	652.5	613.7	582.0	548.4	509.0	451.8	391.6	336.7	285.3
0°	761.8	700.1	655.3	616.1	582.5	548.9	509.7	453.7	392.1	336.1	285.7
-2.5°	760.6	699.2	652.5	613.7	582.0	548.4	509.0	451.8	391.6	336.7	285.3
-5°	756.9	696.5	648.4	610.4	580.6	546.9	507.0	448.7	390.2	336.5	284.2
-7.5°	752.0	693.2	644.6	606.9	578.3	544.5	503.5	444.5	387.8	335.3	282.4
-10°	745.2	689.2	642.2	605.9	576.4	541.4	498.6	439.4	384.7	333.3	279.9
-12.5°	736.6	683.3	638.4	604.0	573.6	537.5	492.8	434.9	381.0	330.2	276.9
-15°	726.3	675.6	633.4	601.2	569.6	532.4	486.0	430.3	377.5	326.2	273.2
-17.5°	714.7	666.2	627.2	597.6	564.4	526.1	478.3	424.7	373.1	321.5	269.3
-20°	703.5	657.2	620.2	593.3	557.9	518.6	469.8	418.2	367.6	316.0	264.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	690.8	648.9	614.8	585.9	549.6	509.9	460.6	411.0	361.0	309.6	259.6
-25°	676.4	639.2	607.7	576.4	539.2	498.2	451.0	402.9	353.5	302.4	253.7
-27.5°	663.5	628.7	598.6	566.5	529.0	486.0	440.8	393.6	344.7	294.4	247.0
-30°	650.5	617.5	587.3	555.6	518.2	474.0	429.9	383.1	334.7	285.9	239.5
-32.5°	634.4	603.9	575.3	543.0	504.6	460.6	417.5	371.4	323.9	276.7	231.7
-35°	616.6	589.4	562.9	529.8	488.7	445.2	402.7	358.6	312.3	266.6	223.3
-37.5°	598.0	573.7	548.1	513.8	471.2	428.2	386.3	343.8	299.9	255.7	214.4
-40°	579.7	556.3	531.1	493.3	451.2	409.4	368.9	328.4	286.7	244.0	204.9
-42.5°	560.1	538.1	508.8	471.2	428.9	389.4	350.8	312.6	272.5	232.3	195.0
-45°	540.9	517.2	484.8	445.9	405.1	368.7	332.9	296.3	257.9	220.3	184.5
-47.5°	520.2	492.4	458.6	420.0	381.9	347.6	314.5	279.5	242.8	207.8	173.6
-50°	494.9	465.5	430.6	394.9	359.2	327.3	295.8	262.4	228.0	194.8	162.3
-52.5°	465.6	435.6	402.8	369.5	336.9	306.8	276.7	244.9	212.5	181.2	150.5
-55°	434.1	405.5	374.7	343.3	313.5	285.8	257.3	226.6	196.3	166.9	138.5
-57.5°	400.0	374.3	344.7	315.8	289.3	264.0	236.6	207.5	179.4	152.2	127.4
-60°	363.4	338.8	312.6	288.0	264.4	240.2	214.5	187.8	161.9	137.3	115.8
-62.5°	324.8	302.7	281.6	259.9	237.2	214.3	191.6	167.4	143.8	123.6	103.8
-65°	285.8	267.4	249.8	228.7	207.9	188.0	168.0	146.3	127.6	109.7	92.1
-67.5°	245.8	231.2	214.2	195.9	179.5	162.4	144.0	127.6	111.7	95.6	81.2
-70°	209.4	195.0	180.7	167.0	152.4	137.3	123.6	109.7	95.6	82.9	70.2
-72.5°	174.7	163.1	151.0	138.8	127.4	115.8	103.8	92.1	81.2	70.2	58.9
-75°	141.4	132.4	123.2	113.8	104.0	94.2	85.2	76.1	66.7	57.2	48.8
-77.5°	111.5	104.1	96.5	89.4	82.3	75.0	67.5	59.9	52.7	45.9	39.0
-80°	82.0	77.0	72.1	67.2	61.5	55.7	50.6	45.4	40.0	34.6	29.0
-82.5°	53.0	51.0	49.0	46.5	42.8	39.1	35.2	31.3	27.3	23.2	20.2
-85°	32.7	31.2	29.4	27.3	24.9	22.4	20.7	18.9	17.1	15.3	13.5
-87.5°	15.1	14.4	13.6	12.8	12.0	11.2	10.3	9.5	8.6	7.7	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627809 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	5.8	4.8	3.9	2.9	2.0	0.9	0.0
85°	11.6	9.7	7.8	5.8	3.9	1.7	0.0
82.5°	17.3	14.5	11.6	8.7	5.8	2.6	0.0
80°	23.4	19.3	15.5	11.6	7.7	3.4	0.0
77.5°	31.9	24.8	19.3	14.5	9.6	4.2	0.0
75°	40.3	31.5	23.3	17.3	11.5	5.0	0.0
72.5°	48.5	38.1	28.4	20.2	13.3	5.9	0.0
70°	56.7	44.6	33.4	23.1	15.1	6.6	0.0
67.5°	66.1	50.9	38.3	26.6	16.8	7.4	0.0
65°	75.3	57.9	43.1	30.1	18.5	8.2	0.0
62.5°	84.3	65.4	47.7	33.5	20.1	8.9	0.0
60°	93.1	72.7	52.2	36.7	21.6	9.6	0.0
57.5°	102.8	79.8	57.9	39.9	23.7	10.3	0.0
55°	112.3	86.8	63.4	43.0	25.6	10.9	0.0
52.5°	121.6	93.7	68.8	45.9	27.6	11.6	0.0
50°	130.5	101.1	74.0	48.7	29.4	12.2	0.0
47.5°	139.3	108.3	79.0	51.6	31.3	12.7	0.0
45°	148.6	115.1	83.8	55.2	33.0	13.3	0.0
42.5°	157.5	121.7	88.3	58.6	34.7	13.8	0.0
40°	166.0	128.0	93.0	62.0	36.3	14.2	0.0
37.5°	174.1	133.9	97.7	65.2	37.9	14.7	0.0
35°	181.7	139.9	102.2	68.2	39.4	15.1	0.0
32.5°	188.8	145.8	106.3	71.1	40.8	15.4	0.0
30°	195.4	151.3	110.2	73.8	42.1	15.8	0.0
27.5°	201.5	156.4	114.0	76.2	43.4	16.0	0.0
25°	207.2	161.1	117.5	78.5	44.5	16.3	0.0
22.5°	212.2	165.2	120.6	80.6	45.6	16.5	0.0
20°	216.8	168.9	123.5	82.5	46.6	16.7	0.0
17.5°	220.5	171.9	126.0	84.1	47.4	16.8	0.0
15°	223.6	174.5	128.2	85.6	48.2	16.9	0.0
12.5°	226.0	176.5	130.1	86.8	48.9	17.0	0.0
10°	227.9	178.0	131.7	87.8	49.4	17.0	0.0
7.5°	229.2	179.0	132.9	88.6	49.8	17.0	0.0
5°	229.9	179.5	133.7	89.1	50.1	17.0	0.0
2.5°	230.1	179.6	134.2	89.5	50.3	16.9	0.0
0°	229.6	179.2	134.4	89.6	50.4	16.8	0.0
-2.5°	230.1	179.6	134.2	89.5	50.3	16.9	0.0
-5°	229.9	179.5	133.7	89.1	50.1	17.0	0.0
-7.5°	229.2	179.0	132.9	88.6	49.8	17.0	0.0
-10°	227.9	178.0	131.7	87.8	49.4	17.0	0.0
-12.5°	226.0	176.5	130.1	86.8	48.9	17.0	0.0
-15°	223.6	174.5	128.2	85.6	48.2	16.9	0.0
-17.5°	220.5	171.9	126.0	84.1	47.4	16.8	0.0
-20°	216.8	168.9	123.5	82.5	46.6	16.7	0.0

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CATALOG NUMBER: GFLD-SA6B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	212.2	165.2	120.6	80.6	45.6	16.5	0.0
-25°	207.2	161.1	117.5	78.5	44.5	16.3	0.0
-27.5°	201.5	156.4	114.0	76.2	43.4	16.0	0.0
-30°	195.4	151.3	110.2	73.8	42.1	15.8	0.0
-32.5°	188.8	145.8	106.3	71.1	40.8	15.4	0.0
-35°	181.7	139.9	102.2	68.2	39.4	15.1	0.0
-37.5°	174.1	133.9	97.7	65.2	37.9	14.7	0.0
-40°	166.0	128.0	93.0	62.0	36.3	14.2	0.0
-42.5°	157.5	121.7	88.3	58.6	34.7	13.8	0.0
-45°	148.6	115.1	83.8	55.2	33.0	13.3	0.0
-47.5°	139.3	108.3	79.0	51.6	31.3	12.7	0.0
-50°	130.5	101.1	74.0	48.7	29.4	12.2	0.0
-52.5°	121.6	93.7	68.8	45.9	27.6	11.6	0.0
-55°	112.3	86.8	63.4	43.0	25.6	10.9	0.0
-57.5°	102.8	79.8	57.9	39.9	23.7	10.3	0.0
-60°	93.1	72.7	52.2	36.7	21.6	9.6	0.0
-62.5°	84.3	65.4	47.7	33.5	20.1	8.9	0.0
-65°	75.3	57.9	43.1	30.1	18.5	8.2	0.0
-67.5°	66.1	50.9	38.3	26.6	16.8	7.4	0.0
-70°	56.7	44.6	33.4	23.1	15.1	6.6	0.0
-72.5°	48.5	38.1	28.4	20.2	13.3	5.9	0.0
-75°	40.3	31.5	23.3	17.3	11.5	5.0	0.0
-77.5°	31.9	24.8	19.3	14.5	9.6	4.2	0.0
-80°	23.4	19.3	15.5	11.6	7.7	3.4	0.0
-82.5°	17.3	14.5	11.6	8.7	5.8	2.6	0.0
-85°	11.6	9.7	7.8	5.8	3.9	1.7	0.0
-87.5°	5.8	4.8	3.9	2.9	2.0	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)