

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: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-750-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627835 (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-SA6B-750-U-MR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N150  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

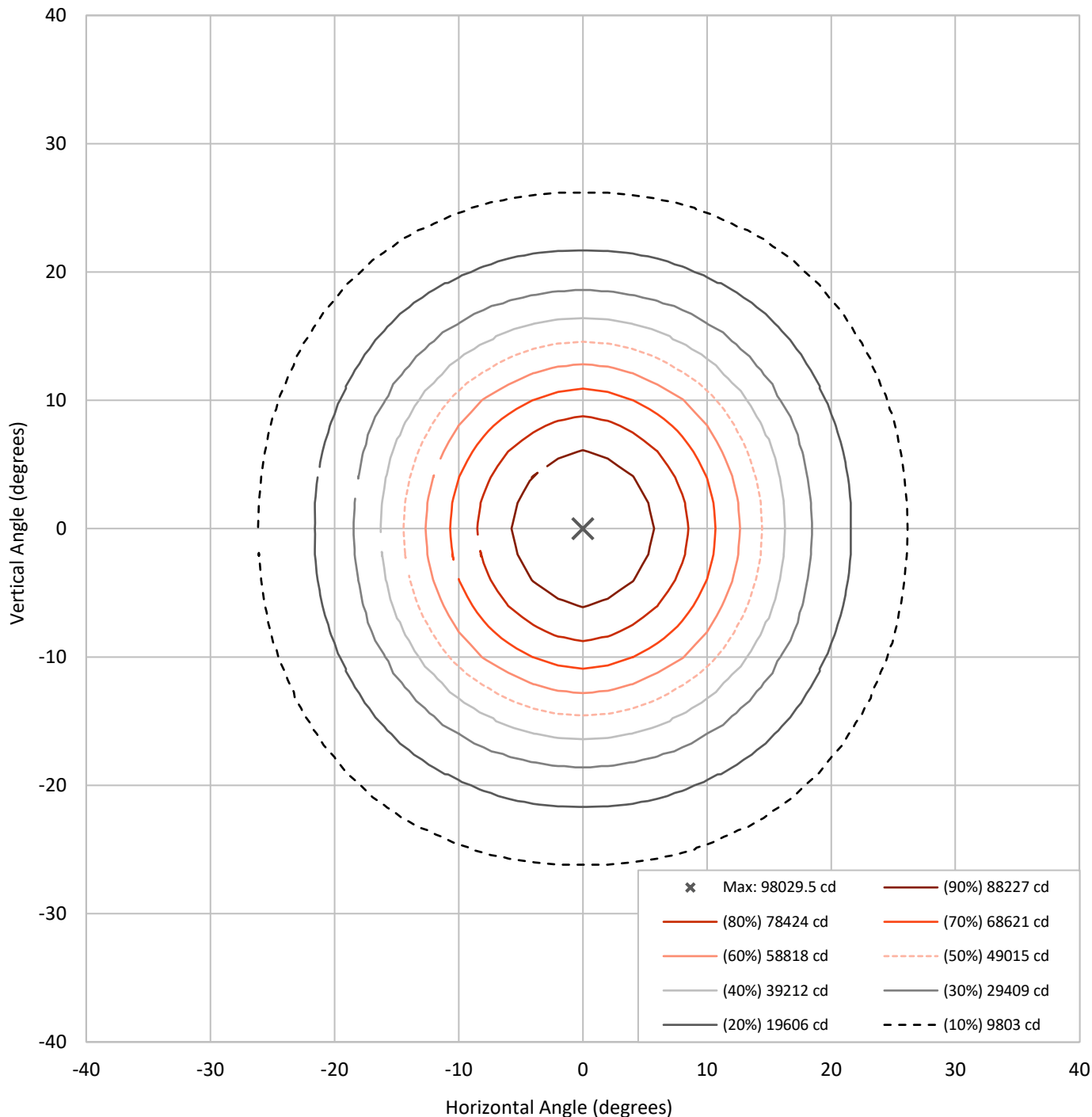
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	30627.8 lumens	Max Intensity:	98029.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	160.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	14890.8 lumens	Field Lumens:	25129.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





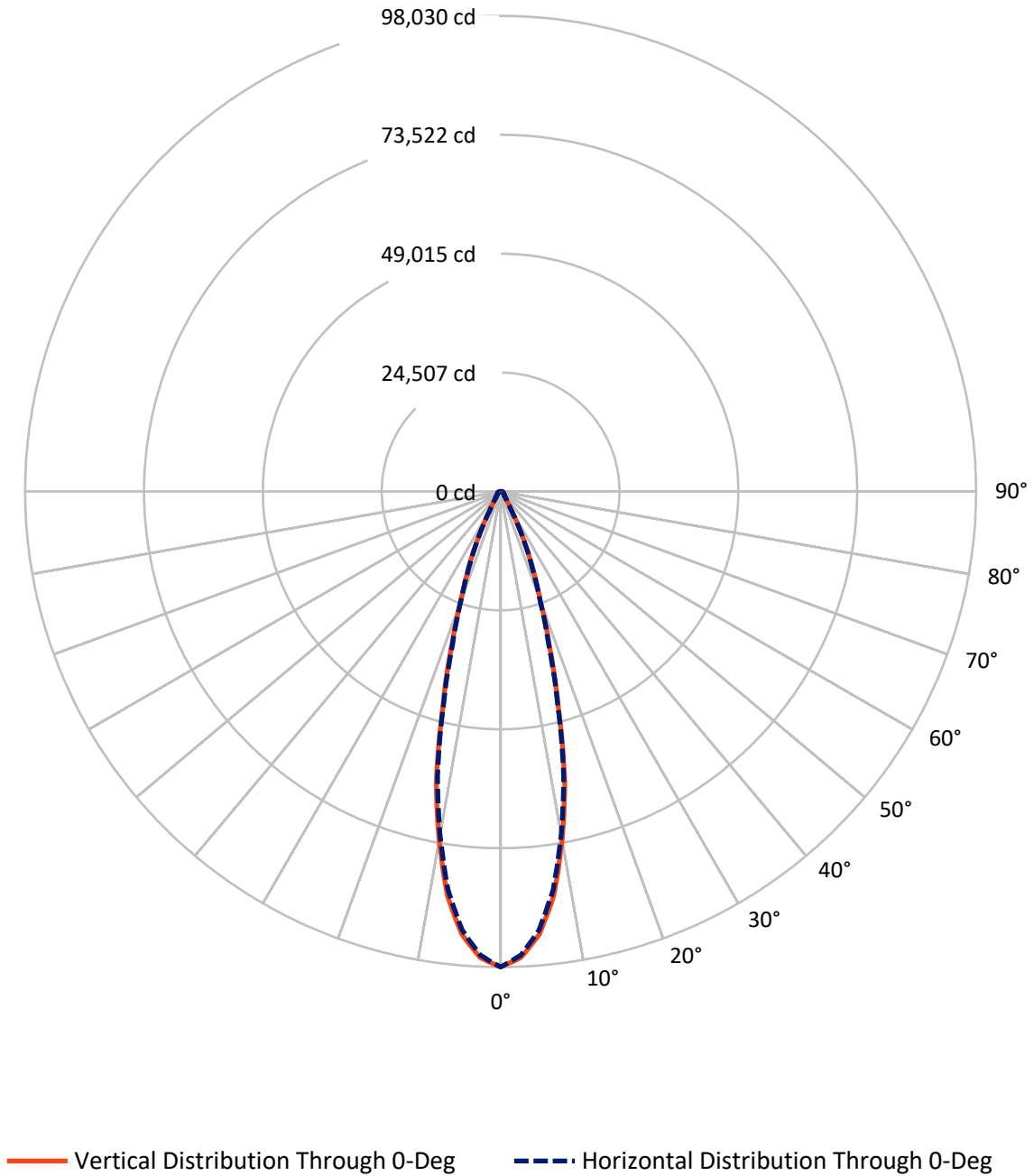
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### Lumen Table

90																			
80	0.6	5.1		13.3		21.0		23.3		21.0		13.3		5.1		0.6			
70																			
60	2.3	2.6	5.3	8.7	12.1	14.8	16.5	17.4	17.4	16.5	14.8	12.1	8.7	5.3	2.6	2.3			
50		3.9	7.9	12.8	17.1	21.1	23.6	24.5	24.5	23.6	21.1	17.1	12.8	7.9	3.9				
40	4.0	5.0	10.2	15.8	21.0	26.5	31.2	33.5	33.5	31.2	26.5	21.0	15.8	10.2	5.0	4.0			
30		5.9	11.9	18.2	25.7	36.7	53.1	69.0	69.0	53.1	36.7	25.7	18.2	11.9	5.9				
20	5.2	6.6	13.0	20.5	32.9	71.6	201.6	357.5	357.5	201.6	71.6	32.9	20.5	13.0	6.6	5.2			
10		7.1	13.7	22.3	44.9	188.0	670.0	1283.8	1283.8	670.0	188.0	44.9	22.3	13.7	7.1				
0	5.6	7.4	13.9	23.4	57.0	324.5	1240.1	2439.2	2439.2	1240.1	324.5	57.0	23.4	13.9	7.4	5.6			
-10		7.4	13.9	23.4	57.0	324.5	1240.1	2439.2	2439.2	1240.1	324.5	57.0	23.4	13.9	7.4				
-20	5.2	7.1	13.7	22.3	44.9	188.0	670.0	1283.8	1283.8	670.0	188.0	44.9	22.3	13.7	7.1	5.2			
-30		6.6	13.0	20.5	32.9	71.6	201.6	357.5	357.5	201.6	71.6	32.9	20.5	13.0	6.6				
-40	4.0	5.9	11.9	18.2	25.7	36.7	53.1	69.0	69.0	53.1	36.7	25.7	18.2	11.9	5.9	4.0			
-50		5.0	10.2	15.8	21.0	26.5	31.2	33.5	33.5	31.2	26.5	21.0	15.8	10.2	5.0				
-60	2.3	3.9	7.9	12.8	17.1	21.1	23.6	24.5	24.5	23.6	21.1	17.1	12.8	7.9	3.9	2.3			
-70		2.6	5.3	8.7	12.1	14.8	16.5	17.4	17.4	16.5	14.8	12.1	8.7	5.3	2.6				
-80																			
-90	0.6	5.1		13.3		21.0		23.3		21.0		13.3		5.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

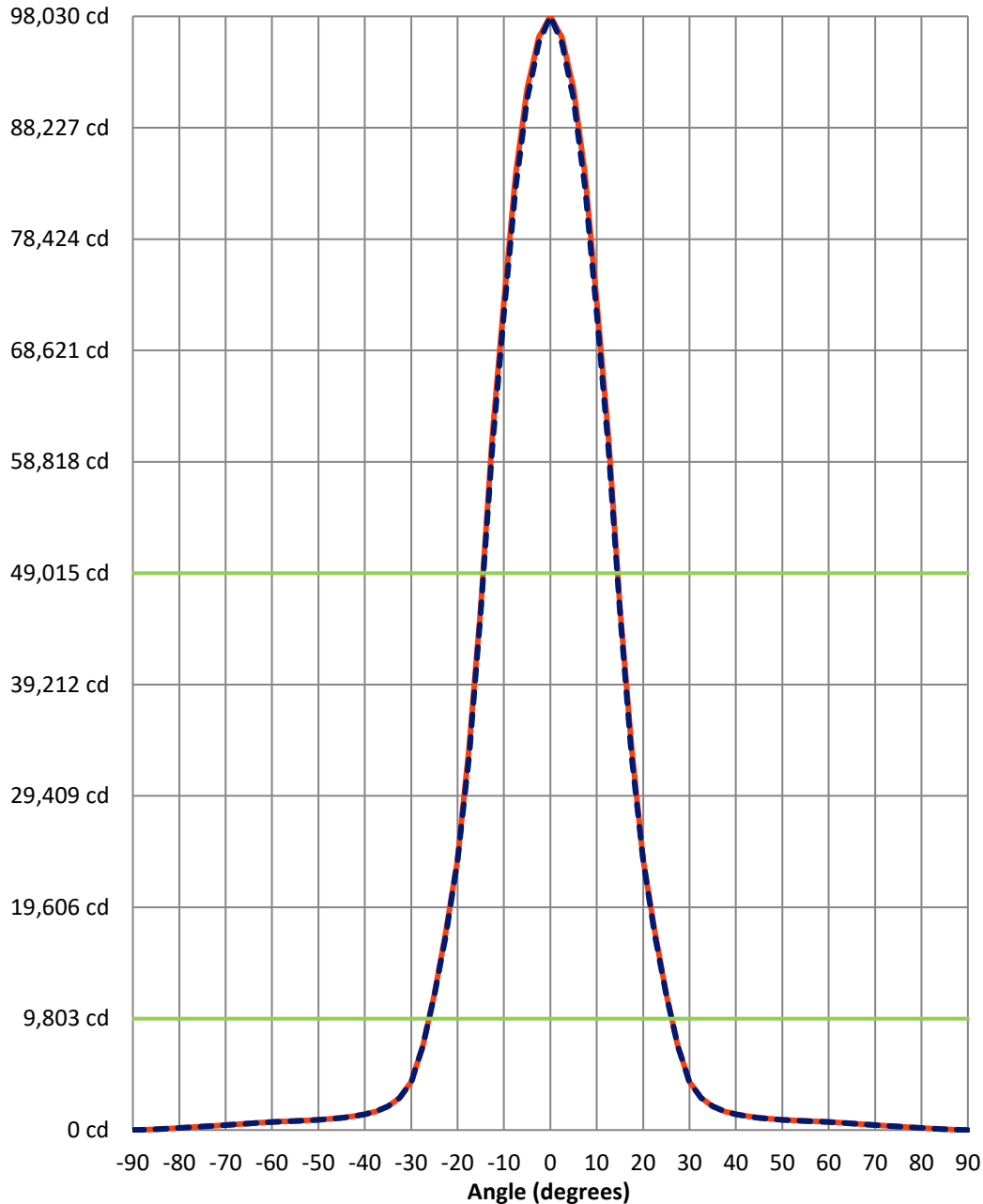
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 14890.8  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 25129.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 5498.2  
 Efficiency: 18.0%

- 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	1.1	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
85°	0.0	2.2	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
82.5°	0.0	3.3	6.6	9.8	13.1	16.3	19.5	22.7	26.3	32.3	38.5
80°	0.0	4.4	8.7	13.1	17.4	21.7	26.5	34.2	42.2	50.6	59.4
77.5°	0.0	5.5	10.9	16.3	21.7	28.5	37.7	47.5	57.9	68.8	80.8
75°	0.0	6.5	13.0	19.5	26.5	37.7	48.8	60.7	73.7	89.0	104.0
72.5°	0.0	7.6	15.1	22.7	33.9	46.9	59.8	74.6	92.3	109.7	127.0
70°	0.0	8.6	17.2	26.2	41.1	55.9	71.0	90.6	110.5	130.3	151.7
67.5°	0.0	9.6	19.3	31.6	48.3	64.8	84.7	106.4	128.6	152.8	176.6
65°	0.0	10.6	21.3	36.9	55.3	74.8	98.2	121.9	148.3	174.9	201.6
62.5°	0.0	11.6	23.2	42.0	62.1	85.9	111.4	138.3	167.6	196.8	227.4
60°	0.0	12.6	25.2	47.1	68.9	96.7	124.3	154.9	186.5	219.0	252.4
57.5°	0.0	13.5	28.4	52.0	77.2	107.2	138.0	171.1	205.2	240.4	277.1
55°	0.0	14.5	31.6	56.8	85.4	117.5	151.3	186.8	223.4	261.4	301.4
52.5°	0.0	15.3	34.7	61.4	93.4	127.5	164.1	202.0	240.8	282.6	325.0
50°	0.0	16.2	37.7	65.9	101.1	137.7	176.4	216.7	258.0	303.1	346.9
47.5°	0.0	17.0	40.6	70.5	108.5	147.4	188.2	230.9	275.5	322.9	367.5
45°	0.0	17.8	43.4	75.9	115.7	156.6	199.8	244.5	292.5	340.4	387.0
42.5°	0.0	18.6	46.0	81.0	122.5	165.4	211.0	258.2	308.6	356.8	405.0
40°	0.0	19.3	48.6	85.9	129.1	173.8	221.6	271.4	323.3	372.3	422.0
37.5°	0.0	20.0	51.0	90.4	135.4	181.6	231.7	283.8	336.5	387.1	438.1
35°	0.0	20.6	53.3	94.6	141.3	189.3	241.2	295.3	348.8	401.1	453.2
32.5°	0.0	21.3	55.4	98.5	146.8	196.7	250.2	306.0	360.4	414.2	467.8
30°	0.0	21.8	57.4	102.0	151.9	203.6	258.7	315.7	371.1	426.4	481.4
27.5°	0.0	22.4	59.2	105.3	156.5	209.9	266.5	324.3	381.0	437.6	493.9
25°	0.0	22.8	60.9	108.2	160.7	215.7	273.5	332.1	390.0	447.8	505.4
22.5°	0.0	23.3	62.5	110.8	164.6	221.0	279.8	339.1	398.1	457.0	516.9
20°	0.0	23.7	63.9	113.0	168.2	225.6	285.3	345.4	405.3	465.1	527.1
17.5°	0.0	24.0	65.1	115.0	171.4	229.5	290.3	350.8	411.6	472.2	536.0
15°	0.0	24.3	66.2	116.6	174.3	232.7	294.9	355.8	416.8	478.2	543.6
12.5°	0.0	24.6	67.1	117.9	176.7	235.3	298.8	360.5	421.8	483.1	549.8
10°	0.0	24.8	67.9	118.8	178.8	237.3	302.2	364.4	426.2	489.0	555.6
7.5°	0.0	25.0	68.4	119.5	180.4	238.6	304.8	367.4	429.7	494.2	561.9
5°	0.0	25.1	68.9	119.8	181.5	239.4	306.7	369.6	432.2	498.4	566.9
2.5°	0.0	25.2	69.1	119.9	182.3	239.5	307.9	370.9	433.7	501.5	570.4
0°	0.0	25.2	69.2	119.6	182.5	239.1	308.3	371.3	434.2	503.4	572.6
-2.5°	0.0	25.2	69.1	119.9	182.3	239.5	307.9	370.9	433.7	501.5	570.4
-5°	0.0	25.1	68.9	119.8	181.5	239.4	306.7	369.6	432.2	498.4	566.9
-7.5°	0.0	25.0	68.4	119.5	180.4	238.6	304.8	367.4	429.7	494.2	561.9
-10°	0.0	24.8	67.9	118.8	178.8	237.3	302.2	364.4	426.2	489.0	555.6
-12.5°	0.0	24.6	67.1	117.9	176.7	235.3	298.8	360.5	421.8	483.1	549.8
-15°	0.0	24.3	66.2	116.6	174.3	232.7	294.9	355.8	416.8	478.2	543.6
-17.5°	0.0	24.0	65.1	115.0	171.4	229.5	290.3	350.8	411.6	472.2	536.0
-20°	0.0	23.7	63.9	113.0	168.2	225.6	285.3	345.4	405.3	465.1	527.1

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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	23.3	62.5	110.8	164.6	221.0	279.8	339.1	398.1	457.0	516.9
-25°	0.0	22.8	60.9	108.2	160.7	215.7	273.5	332.1	390.0	447.8	505.4
-27.5°	0.0	22.4	59.2	105.3	156.5	209.9	266.5	324.3	381.0	437.6	493.9
-30°	0.0	21.8	57.4	102.0	151.9	203.6	258.7	315.7	371.1	426.4	481.4
-32.5°	0.0	21.3	55.4	98.5	146.8	196.7	250.2	306.0	360.4	414.2	467.8
-35°	0.0	20.6	53.3	94.6	141.3	189.3	241.2	295.3	348.8	401.1	453.2
-37.5°	0.0	20.0	51.0	90.4	135.4	181.6	231.7	283.8	336.5	387.1	438.1
-40°	0.0	19.3	48.6	85.9	129.1	173.8	221.6	271.4	323.3	372.3	422.0
-42.5°	0.0	18.6	46.0	81.0	122.5	165.4	211.0	258.2	308.6	356.8	405.0
-45°	0.0	17.8	43.4	75.9	115.7	156.6	199.8	244.5	292.5	340.4	387.0
-47.5°	0.0	17.0	40.6	70.5	108.5	147.4	188.2	230.9	275.5	322.9	367.5
-50°	0.0	16.2	37.7	65.9	101.1	137.7	176.4	216.7	258.0	303.1	346.9
-52.5°	0.0	15.3	34.7	61.4	93.4	127.5	164.1	202.0	240.8	282.6	325.0
-55°	0.0	14.5	31.6	56.8	85.4	117.5	151.3	186.8	223.4	261.4	301.4
-57.5°	0.0	13.5	28.4	52.0	77.2	107.2	138.0	171.1	205.2	240.4	277.1
-60°	0.0	12.6	25.2	47.1	68.9	96.7	124.3	154.9	186.5	219.0	252.4
-62.5°	0.0	11.6	23.2	42.0	62.1	85.9	111.4	138.3	167.6	196.8	227.4
-65°	0.0	10.6	21.3	36.9	55.3	74.8	98.2	121.9	148.3	174.9	201.6
-67.5°	0.0	9.6	19.3	31.6	48.3	64.8	84.7	106.4	128.6	152.8	176.6
-70°	0.0	8.6	17.2	26.2	41.1	55.9	71.0	90.6	110.5	130.3	151.7
-72.5°	0.0	7.6	15.1	22.7	33.9	46.9	59.8	74.6	92.3	109.7	127.0
-75°	0.0	6.5	13.0	19.5	26.5	37.7	48.8	60.7	73.7	89.0	104.0
-77.5°	0.0	5.5	10.9	16.3	21.7	28.5	37.7	47.5	57.9	68.8	80.8
-80°	0.0	4.4	8.7	13.1	17.4	21.7	26.5	34.2	42.2	50.6	59.4
-82.5°	0.0	3.3	6.6	9.8	13.1	16.3	19.5	22.7	26.3	32.3	38.5
-85°	0.0	2.2	4.4	6.6	8.7	10.9	13.0	15.1	17.2	19.3	21.3
-87.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.5	7.6	8.6	9.6	10.6
-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°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
85°	23.2	25.2	28.9	32.6	36.1	39.5	42.8	46.0	49.0	51.9	54.7
82.5°	44.4	50.2	55.8	61.3	66.6	71.7	76.7	81.4	86.0	90.4	94.5
80°	67.4	75.1	82.9	90.0	97.0	103.8	110.5	116.8	122.9	129.4	136.3
77.5°	91.8	101.6	110.6	118.7	127.6	138.3	148.7	158.6	168.2	177.3	186.0
75°	116.9	128.1	140.4	152.5	165.2	178.1	190.6	202.7	214.4	226.4	238.4
72.5°	143.3	158.6	173.5	187.9	203.8	219.4	233.8	246.9	261.7	278.0	292.9
70°	171.4	189.0	207.7	226.2	244.2	261.6	279.4	297.3	315.4	332.9	349.7
67.5°	199.6	221.7	243.3	264.3	284.8	305.6	326.7	348.3	369.1	389.0	408.4
65°	229.6	254.3	278.4	301.9	324.8	350.2	375.2	399.3	425.7	450.1	471.3
62.5°	258.8	286.5	313.1	339.7	367.5	395.6	424.5	454.9	486.3	508.9	528.4
60°	286.9	318.1	347.8	378.3	409.2	441.0	474.3	506.6	535.3	560.0	580.5
57.5°	314.3	349.2	382.2	415.3	449.1	485.2	521.9	554.9	581.6	605.4	627.9
55°	340.8	379.5	414.6	449.8	488.3	530.7	568.1	598.0	625.3	645.0	666.5
52.5°	366.1	407.5	444.2	483.7	527.7	571.6	608.9	637.9	660.9	681.3	702.3
50°	390.3	431.9	472.6	517.6	564.0	608.1	645.9	672.5	695.6	716.8	737.0
47.5°	412.2	455.5	501.5	549.5	598.1	641.6	677.9	705.0	728.9	750.7	772.9
45°	432.8	479.4	528.3	580.9	630.6	673.8	706.7	735.9	758.9	783.4	811.3
42.5°	452.6	502.3	555.5	611.5	662.3	701.8	733.7	761.6	788.2	817.7	848.7
40°	472.0	523.8	581.3	640.1	691.9	726.1	758.1	787.7	818.3	851.7	885.5
37.5°	490.1	545.8	605.4	666.8	713.6	749.2	782.3	815.3	849.5	885.5	927.6
35°	506.8	565.9	628.5	687.9	732.8	771.6	807.0	842.8	881.2	925.2	971.6
32.5°	523.0	584.3	649.9	705.6	750.3	791.8	830.8	871.3	915.3	963.7	1016.8
30°	538.8	602.3	668.7	723.7	765.9	808.3	854.2	899.2	948.1	1001.9	1064.2
27.5°	554.3	618.9	684.4	738.0	779.6	822.7	871.9	926.7	980.1	1039.1	1111.3
25°	568.4	636.1	700.0	749.3	791.4	836.5	887.9	946.2	1009.1	1079.2	1167.6
22.5°	581.8	651.5	714.7	758.9	801.2	848.6	903.9	965.5	1033.9	1115.1	1223.1
20°	594.3	663.6	724.5	767.7	809.3	858.3	917.7	982.6	1060.7	1159.1	1288.3
17.5°	605.3	673.8	731.2	774.9	817.8	868.2	929.5	997.1	1084.8	1197.9	1350.8
15°	614.6	682.2	737.1	780.5	825.1	878.5	941.5	1015.2	1111.2	1235.9	1404.8
12.5°	622.3	688.7	742.0	784.5	830.7	886.0	951.8	1032.6	1137.6	1277.4	1477.6
10°	628.4	693.4	745.8	787.0	834.7	891.0	959.8	1046.2	1159.0	1312.0	1540.0
7.5°	634.2	697.7	748.6	788.0	837.0	893.5	965.4	1055.9	1174.6	1338.0	1589.7
5°	638.5	701.6	750.1	790.4	838.5	894.6	969.2	1061.5	1184.5	1355.2	1624.8
2.5°	641.0	704.0	750.2	792.2	838.5	895.1	973.7	1064.6	1195.3	1369.7	1644.8
0°	641.8	704.8	748.8	792.8	836.9	893.5	975.3	1063.4	1201.9	1378.0	1648.6
-2.5°	641.0	704.0	750.2	792.2	838.5	895.1	973.7	1064.6	1195.3	1369.7	1644.8
-5°	638.5	701.6	750.1	790.4	838.5	894.6	969.2	1061.5	1184.5	1355.2	1624.8
-7.5°	634.2	697.7	748.6	788.0	837.0	893.5	965.4	1055.9	1174.6	1338.0	1589.7
-10°	628.4	693.4	745.8	787.0	834.7	891.0	959.8	1046.2	1159.0	1312.0	1540.0
-12.5°	622.3	688.7	742.0	784.5	830.7	886.0	951.8	1032.6	1137.6	1277.4	1477.6
-15°	614.6	682.2	737.1	780.5	825.1	878.5	941.5	1015.2	1111.2	1235.9	1404.8
-17.5°	605.3	673.8	731.2	774.9	817.8	868.2	929.5	997.1	1084.8	1197.9	1350.8
-20°	594.3	663.6	724.5	767.7	809.3	858.3	917.7	982.6	1060.7	1159.1	1288.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	581.8	651.5	714.7	758.9	801.2	848.6	903.9	965.5	1033.9	1115.1	1223.1
-25°	568.4	636.1	700.0	749.3	791.4	836.5	887.9	946.2	1009.1	1079.2	1167.6
-27.5°	554.3	618.9	684.4	738.0	779.6	822.7	871.9	926.7	980.1	1039.1	1111.3
-30°	538.8	602.3	668.7	723.7	765.9	808.3	854.2	899.2	948.1	1001.9	1064.2
-32.5°	523.0	584.3	649.9	705.6	750.3	791.8	830.8	871.3	915.3	963.7	1016.8
-35°	506.8	565.9	628.5	687.9	732.8	771.6	807.0	842.8	881.2	925.2	971.6
-37.5°	490.1	545.8	605.4	666.8	713.6	749.2	782.3	815.3	849.5	885.5	927.6
-40°	472.0	523.8	581.3	640.1	691.9	726.1	758.1	787.7	818.3	851.7	885.5
-42.5°	452.6	502.3	555.5	611.5	662.3	701.8	733.7	761.6	788.2	817.7	848.7
-45°	432.8	479.4	528.3	580.9	630.6	673.8	706.7	735.9	758.9	783.4	811.3
-47.5°	412.2	455.5	501.5	549.5	598.1	641.6	677.9	705.0	728.9	750.7	772.9
-50°	390.3	431.9	472.6	517.6	564.0	608.1	645.9	672.5	695.6	716.8	737.0
-52.5°	366.1	407.5	444.2	483.7	527.7	571.6	608.9	637.9	660.9	681.3	702.3
-55°	340.8	379.5	414.6	449.8	488.3	530.7	568.1	598.0	625.3	645.0	666.5
-57.5°	314.3	349.2	382.2	415.3	449.1	485.2	521.9	554.9	581.6	605.4	627.9
-60°	286.9	318.1	347.8	378.3	409.2	441.0	474.3	506.6	535.3	560.0	580.5
-62.5°	258.8	286.5	313.1	339.7	367.5	395.6	424.5	454.9	486.3	508.9	528.4
-65°	229.6	254.3	278.4	301.9	324.8	350.2	375.2	399.3	425.7	450.1	471.3
-67.5°	199.6	221.7	243.3	264.3	284.8	305.6	326.7	348.3	369.1	389.0	408.4
-70°	171.4	189.0	207.7	226.2	244.2	261.6	279.4	297.3	315.4	332.9	349.7
-72.5°	143.3	158.6	173.5	187.9	203.8	219.4	233.8	246.9	261.7	278.0	292.9
-75°	116.9	128.1	140.4	152.5	165.2	178.1	190.6	202.7	214.4	226.4	238.4
-77.5°	91.8	101.6	110.6	118.7	127.6	138.3	148.7	158.6	168.2	177.3	186.0
-80°	67.4	75.1	82.9	90.0	97.0	103.8	110.5	116.8	122.9	129.4	136.3
-82.5°	44.4	50.2	55.8	61.3	66.6	71.7	76.7	81.4	86.0	90.4	94.5
-85°	23.2	25.2	28.9	32.6	36.1	39.5	42.8	46.0	49.0	51.9	54.7
-87.5°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-750-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°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	24.6	24.8
85°	57.3	59.7	62.0	64.1	66.1	66.5	66.7	66.6	66.2	67.1	67.9
82.5°	98.4	102.8	107.3	111.7	116.0	117.6	118.8	119.6	120.1	121.8	123.2
80°	142.9	149.9	156.3	162.1	167.3	171.0	174.3	177.3	180.1	181.4	182.1
77.5°	194.6	203.1	211.0	218.4	225.1	230.5	234.8	238.3	241.0	242.7	243.8
75°	250.3	261.0	270.5	279.4	287.5	293.2	297.2	300.1	302.0	304.1	305.8
72.5°	306.5	318.7	330.0	340.6	350.0	356.6	361.2	364.9	367.7	369.8	370.9
70°	365.6	380.1	392.6	403.3	411.7	418.0	423.0	427.0	430.1	432.2	433.3
67.5°	426.8	442.3	454.0	463.3	470.9	477.6	483.8	488.4	491.4	494.4	497.6
65°	489.1	504.9	516.9	526.8	534.9	543.5	551.4	557.3	561.2	564.7	568.3
62.5°	547.7	565.7	579.5	592.5	605.6	618.0	625.2	630.8	634.7	638.2	642.3
60°	601.0	621.3	638.3	654.0	670.1	686.2	692.8	698.0	702.9	707.5	711.6
57.5°	648.3	669.9	690.6	706.1	721.4	736.5	746.8	752.5	756.3	758.5	760.2
55°	689.5	711.1	731.6	749.5	766.2	781.6	793.1	798.7	802.9	805.5	807.1
52.5°	726.3	749.4	771.5	791.3	809.3	825.9	840.4	848.0	854.2	858.6	860.1
50°	762.6	787.6	811.4	832.6	853.5	873.5	891.8	902.4	909.9	914.5	916.0
47.5°	800.4	827.5	853.3	877.9	901.6	925.3	947.0	961.5	972.3	980.2	985.9
45°	839.7	868.9	897.4	926.5	953.8	984.2	1011.8	1032.9	1048.6	1062.1	1073.0
42.5°	879.3	912.2	944.9	982.3	1019.5	1054.2	1087.0	1115.1	1140.6	1165.7	1185.2
40°	922.5	958.4	1003.2	1047.5	1093.4	1133.8	1181.6	1224.5	1263.8	1306.2	1341.4
37.5°	969.6	1015.7	1068.7	1121.9	1181.6	1239.7	1306.5	1372.3	1429.5	1503.9	1563.5
35°	1020.9	1079.3	1141.9	1213.3	1290.4	1381.3	1474.8	1584.5	1677.6	1795.8	1904.9
32.5°	1078.0	1146.7	1228.0	1326.1	1430.1	1576.2	1713.1	1899.1	2058.0	2263.1	2487.1
30°	1136.0	1225.0	1335.5	1462.2	1638.1	1845.4	2087.0	2401.4	2741.4	3093.2	3566.7
27.5°	1205.0	1320.4	1458.4	1653.9	1917.2	2204.1	2696.4	3228.0	3968.5	4554.8	5599.0
25°	1279.2	1422.0	1625.8	1909.3	2273.1	2853.7	3684.7	4647.1	6128.9	7447.0	8961.8
22.5°	1367.0	1561.1	1830.9	2202.2	2836.2	3835.2	5132.3	7108.5	9305.2	11473.4	13455.1
20°	1460.1	1694.4	2071.9	2676.5	3656.4	5100.9	7415.2	10238.9	13155.3	16126.7	18630.7
17.5°	1568.8	1887.0	2384.1	3187.2	4585.2	7058.3	10149.5	13740.0	17550.1	21341.7	24635.2
15°	1662.2	2055.3	2724.8	3927.6	6012.3	9105.7	12905.0	17439.7	22231.0	27151.7	32484.7
12.5°	1781.2	2258.2	3075.7	4539.8	7278.5	11299.2	15947.9	21212.9	27063.7	33597.1	41911.3
10°	1890.5	2470.9	3537.4	5520.7	8800.6	13348.2	18576.4	24549.7	32138.7	41956.8	51985.7
7.5°	1978.1	2639.6	3895.4	6286.0	10077.0	15098.7	20943.1	28104.7	37572.7	49263.8	60722.5
5°	2039.0	2756.6	4151.6	6864.3	11103.8	16436.4	22622.6	30725.5	42152.9	55244.9	66945.0
2.5°	2077.3	2820.6	4277.0	7207.7	11773.5	17241.5	23670.5	32391.0	44960.2	59052.4	70898.3
0°	2095.4	2831.6	4197.0	7374.7	11867.5	17184.6	23766.5	32947.1	45626.3	60086.3	71884.6
-2.5°	2077.3	2820.6	4277.0	7207.7	11773.5	17241.5	23670.5	32391.0	44960.2	59052.4	70898.3
-5°	2039.0	2756.6	4151.6	6864.3	11103.8	16436.4	22622.6	30725.5	42152.9	55244.9	66945.0
-7.5°	1978.1	2639.6	3895.4	6286.0	10077.0	15098.7	20943.1	28104.7	37572.7	49263.8	60722.5
-10°	1890.5	2470.9	3537.4	5520.7	8800.6	13348.2	18576.4	24549.7	32138.7	41956.8	51985.7
-12.5°	1781.2	2258.2	3075.7	4539.8	7278.5	11299.2	15947.9	21212.9	27063.7	33597.1	41911.3
-15°	1662.2	2055.3	2724.8	3927.6	6012.3	9105.7	12905.0	17439.7	22231.0	27151.7	32484.7
-17.5°	1568.8	1887.0	2384.1	3187.2	4585.2	7058.3	10149.5	13740.0	17550.1	21341.7	24635.2
-20°	1460.1	1694.4	2071.9	2676.5	3656.4	5100.9	7415.2	10238.9	13155.3	16126.7	18630.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1367.0	1561.1	1830.9	2202.2	2836.2	3835.2	5132.3	7108.5	9305.2	11473.4	13455.1
-25°	1279.2	1422.0	1625.8	1909.3	2273.1	2853.7	3684.7	4647.1	6128.9	7447.0	8961.8
-27.5°	1205.0	1320.4	1458.4	1653.9	1917.2	2204.1	2696.4	3228.0	3968.5	4554.8	5599.0
-30°	1136.0	1225.0	1335.5	1462.2	1638.1	1845.4	2087.0	2401.4	2741.4	3093.2	3566.7
-32.5°	1078.0	1146.7	1228.0	1326.1	1430.1	1576.2	1713.1	1899.1	2058.0	2263.1	2487.1
-35°	1020.9	1079.3	1141.9	1213.3	1290.4	1381.3	1474.8	1584.5	1677.6	1795.8	1904.9
-37.5°	969.6	1015.7	1068.7	1121.9	1181.6	1239.7	1306.5	1372.3	1429.5	1503.9	1563.5
-40°	922.5	958.4	1003.2	1047.5	1093.4	1133.8	1181.6	1224.5	1263.8	1306.2	1341.4
-42.5°	879.3	912.2	944.9	982.3	1019.5	1054.2	1087.0	1115.1	1140.6	1165.7	1185.2
-45°	839.7	868.9	897.4	926.5	953.8	984.2	1011.8	1032.9	1048.6	1062.1	1073.0
-47.5°	800.4	827.5	853.3	877.9	901.6	925.3	947.0	961.5	972.3	980.2	985.9
-50°	762.6	787.6	811.4	832.6	853.5	873.5	891.8	902.4	909.9	914.5	916.0
-52.5°	726.3	749.4	771.5	791.3	809.3	825.9	840.4	848.0	854.2	858.6	860.1
-55°	689.5	711.1	731.6	749.5	766.2	781.6	793.1	798.7	802.9	805.5	807.1
-57.5°	648.3	669.9	690.6	706.1	721.4	736.5	746.8	752.5	756.3	758.5	760.2
-60°	601.0	621.3	638.3	654.0	670.1	686.2	692.8	698.0	702.9	707.5	711.6
-62.5°	547.7	565.7	579.5	592.5	605.6	618.0	625.2	630.8	634.7	638.2	642.3
-65°	489.1	504.9	516.9	526.8	534.9	543.5	551.4	557.3	561.2	564.7	568.3
-67.5°	426.8	442.3	454.0	463.3	470.9	477.6	483.8	488.4	491.4	494.4	497.6
-70°	365.6	380.1	392.6	403.3	411.7	418.0	423.0	427.0	430.1	432.2	433.3
-72.5°	306.5	318.7	330.0	340.6	350.0	356.6	361.2	364.9	367.7	369.8	370.9
-75°	250.3	261.0	270.5	279.4	287.5	293.2	297.2	300.1	302.0	304.1	305.8
-77.5°	194.6	203.1	211.0	218.4	225.1	230.5	234.8	238.3	241.0	242.7	243.8
-80°	142.9	149.9	156.3	162.1	167.3	171.0	174.3	177.3	180.1	181.4	182.1
-82.5°	98.4	102.8	107.3	111.7	116.0	117.6	118.8	119.6	120.1	121.8	123.2
-85°	57.3	59.7	62.0	64.1	66.1	66.5	66.7	66.6	66.2	67.1	67.9
-87.5°	20.6	21.3	21.8	22.4	22.8	23.3	23.7	24.0	24.3	24.6	24.8
-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: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-750-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°	25.0	25.1	25.2	25.2	25.2	25.1	25.0	24.8	24.6	24.3	24.0
85°	68.4	68.9	69.1	69.2	69.1	68.9	68.4	67.9	67.1	66.2	66.6
82.5°	124.3	125.2	125.6	125.8	125.6	125.2	124.3	123.2	121.8	120.1	119.6
80°	182.1	181.7	182.3	182.5	182.3	181.7	182.1	182.1	181.4	180.1	177.3
77.5°	244.4	244.3	245.1	245.4	245.1	244.3	244.4	243.8	242.7	241.0	238.3
75°	306.7	306.9	307.9	308.3	307.9	306.9	306.7	305.8	304.1	302.0	300.1
72.5°	370.9	369.9	370.9	371.3	370.9	369.9	370.9	370.9	369.8	367.7	364.9
70°	433.5	432.6	436.6	440.5	436.6	432.6	433.5	433.3	432.2	430.1	427.0
67.5°	499.9	501.2	505.7	509.7	505.7	501.2	499.9	497.6	494.4	491.4	488.4
65°	570.2	570.4	574.7	578.9	574.7	570.4	570.2	568.3	564.7	561.2	557.3
62.5°	644.7	645.5	650.0	654.4	650.0	645.5	644.7	642.3	638.2	634.7	630.8
60°	714.1	714.8	716.5	717.3	716.5	714.8	714.1	711.6	707.5	702.9	698.0
57.5°	760.8	760.1	760.8	761.4	760.8	760.1	760.8	760.2	758.5	756.3	752.5
55°	806.8	804.7	802.3	799.1	802.3	804.7	806.8	807.1	805.5	802.9	798.7
52.5°	858.9	855.6	852.6	849.5	852.6	855.6	858.9	860.1	858.6	854.2	848.0
50°	915.1	912.1	909.2	906.1	909.2	912.1	915.1	916.0	914.5	909.9	902.4
47.5°	989.8	991.1	990.5	987.9	990.5	991.1	989.8	985.9	980.2	972.3	961.5
45°	1080.7	1084.3	1084.7	1082.3	1084.7	1084.3	1080.7	1073.0	1062.1	1048.6	1032.9
42.5°	1199.0	1206.9	1211.4	1214.4	1211.4	1206.9	1199.0	1185.2	1165.7	1140.6	1115.1
40°	1366.9	1383.2	1393.5	1403.2	1393.5	1383.2	1366.9	1341.4	1306.2	1263.8	1224.5
37.5°	1607.8	1637.3	1650.4	1642.3	1650.4	1637.3	1607.8	1563.5	1503.9	1429.5	1372.3
35°	1988.9	2045.0	2074.1	2076.5	2074.1	2045.0	1988.9	1904.9	1795.8	1677.6	1584.5
32.5°	2652.7	2767.5	2829.2	2837.9	2829.2	2767.5	2652.7	2487.1	2263.1	2058.0	1899.1
30°	3929.3	4163.5	4273.5	4247.4	4273.5	4163.5	3929.3	3566.7	3093.2	2741.4	2401.4
27.5°	6410.7	6994.8	7340.9	7368.4	7340.9	6994.8	6410.7	5599.0	4554.8	3968.5	3228.0
25°	10303.5	11300.5	11938.9	11949.3	11938.9	11300.5	10303.5	8961.8	7447.0	6128.9	4647.1
22.5°	15287.5	16648.5	17394.2	17524.4	17394.2	16648.5	15287.5	13455.1	11473.4	9305.2	7108.5
20°	21061.6	22872.1	23840.8	23842.0	23840.8	22872.1	21061.6	18630.7	16126.7	13155.3	10238.9
17.5°	28172.8	31112.6	32958.1	33752.5	32958.1	31112.6	28172.8	24635.2	21341.7	17550.1	13740.0
15°	37620.0	42560.3	45520.7	46054.2	45520.7	42560.3	37620.0	32484.7	27151.7	22231.0	17439.7
12.5°	49123.1	55375.2	59577.9	61118.2	59577.9	55375.2	49123.1	41911.3	33597.1	27063.7	21212.9
10°	61133.4	66926.3	71428.7	72941.7	71428.7	66926.3	61133.4	51985.7	41956.8	32138.7	24549.7
7.5°	69809.9	76717.7	81789.2	84016.3	81789.2	76717.7	69809.9	60722.5	49263.8	37572.7	28104.7
5°	76659.0	84832.6	89553.7	91649.0	89553.7	84832.6	76659.0	66945.0	55244.9	42152.9	30725.5
2.5°	81152.9	89229.2	94228.6	96160.7	94228.6	89229.2	81152.9	70898.3	59052.4	44960.2	32391.0
0°	82833.4	90730.3	95669.9	98029.5	95669.9	90730.3	82833.4	71884.6	60086.3	45626.3	32947.1
-2.5°	81152.9	89229.2	94228.6	96160.7	94228.6	89229.2	81152.9	70898.3	59052.4	44960.2	32391.0
-5°	76659.0	84832.6	89553.7	91649.0	89553.7	84832.6	76659.0	66945.0	55244.9	42152.9	30725.5
-7.5°	69809.9	76717.7	81789.2	84016.3	81789.2	76717.7	69809.9	60722.5	49263.8	37572.7	28104.7
-10°	61133.4	66926.3	71428.7	72941.7	71428.7	66926.3	61133.4	51985.7	41956.8	32138.7	24549.7
-12.5°	49123.1	55375.2	59577.9	61118.2	59577.9	55375.2	49123.1	41911.3	33597.1	27063.7	21212.9
-15°	37620.0	42560.3	45520.7	46054.2	45520.7	42560.3	37620.0	32484.7	27151.7	22231.0	17439.7
-17.5°	28172.8	31112.6	32958.1	33752.5	32958.1	31112.6	28172.8	24635.2	21341.7	17550.1	13740.0
-20°	21061.6	22872.1	23840.8	23842.0	23840.8	22872.1	21061.6	18630.7	16126.7	13155.3	10238.9



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	15287.5	16648.5	17394.2	17524.4	17394.2	16648.5	15287.5	13455.1	11473.4	9305.2	7108.5
-25°	10303.5	11300.5	11938.9	11949.3	11938.9	11300.5	10303.5	8961.8	7447.0	6128.9	4647.1
-27.5°	6410.7	6994.8	7340.9	7368.4	7340.9	6994.8	6410.7	5599.0	4554.8	3968.5	3228.0
-30°	3929.3	4163.5	4273.5	4247.4	4273.5	4163.5	3929.3	3566.7	3093.2	2741.4	2401.4
-32.5°	2652.7	2767.5	2829.2	2837.9	2829.2	2767.5	2652.7	2487.1	2263.1	2058.0	1899.1
-35°	1988.9	2045.0	2074.1	2076.5	2074.1	2045.0	1988.9	1904.9	1795.8	1677.6	1584.5
-37.5°	1607.8	1637.3	1650.4	1642.3	1650.4	1637.3	1607.8	1563.5	1503.9	1429.5	1372.3
-40°	1366.9	1383.2	1393.5	1403.2	1393.5	1383.2	1366.9	1341.4	1306.2	1263.8	1224.5
-42.5°	1199.0	1206.9	1211.4	1214.4	1211.4	1206.9	1199.0	1185.2	1165.7	1140.6	1115.1
-45°	1080.7	1084.3	1084.7	1082.3	1084.7	1084.3	1080.7	1073.0	1062.1	1048.6	1032.9
-47.5°	989.8	991.1	990.5	987.9	990.5	991.1	989.8	985.9	980.2	972.3	961.5
-50°	915.1	912.1	909.2	906.1	909.2	912.1	915.1	916.0	914.5	909.9	902.4
-52.5°	858.9	855.6	852.6	849.5	852.6	855.6	858.9	860.1	858.6	854.2	848.0
-55°	806.8	804.7	802.3	799.1	802.3	804.7	806.8	807.1	805.5	802.9	798.7
-57.5°	760.8	760.1	760.8	761.4	760.8	760.1	760.8	760.2	758.5	756.3	752.5
-60°	714.1	714.8	716.5	717.3	716.5	714.8	714.1	711.6	707.5	702.9	698.0
-62.5°	644.7	645.5	650.0	654.4	650.0	645.5	644.7	642.3	638.2	634.7	630.8
-65°	570.2	570.4	574.7	578.9	574.7	570.4	570.2	568.3	564.7	561.2	557.3
-67.5°	499.9	501.2	505.7	509.7	505.7	501.2	499.9	497.6	494.4	491.4	488.4
-70°	433.5	432.6	436.6	440.5	436.6	432.6	433.5	433.3	432.2	430.1	427.0
-72.5°	370.9	369.9	370.9	371.3	370.9	369.9	370.9	370.9	369.8	367.7	364.9
-75°	306.7	306.9	307.9	308.3	307.9	306.9	306.7	305.8	304.1	302.0	300.1
-77.5°	244.4	244.3	245.1	245.4	245.1	244.3	244.4	243.8	242.7	241.0	238.3
-80°	182.1	181.7	182.3	182.5	182.3	181.7	182.1	182.1	181.4	180.1	177.3
-82.5°	124.3	125.2	125.6	125.8	125.6	125.2	124.3	123.2	121.8	120.1	119.6
-85°	68.4	68.9	69.1	69.2	69.1	68.9	68.4	67.9	67.1	66.2	66.6
-87.5°	25.0	25.1	25.2	25.2	25.2	25.1	25.0	24.8	24.6	24.3	24.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-750-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°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	17.8
85°	66.7	66.5	66.1	64.1	62.0	59.7	57.3	54.7	51.9	49.0	46.0
82.5°	118.8	117.6	116.0	111.7	107.3	102.8	98.4	94.5	90.4	86.0	81.4
80°	174.3	171.0	167.3	162.1	156.3	149.9	142.9	136.3	129.4	122.9	116.8
77.5°	234.8	230.5	225.1	218.4	211.0	203.1	194.6	186.0	177.3	168.2	158.6
75°	297.2	293.2	287.5	279.4	270.5	261.0	250.3	238.4	226.4	214.4	202.7
72.5°	361.2	356.6	350.0	340.6	330.0	318.7	306.5	292.9	278.0	261.7	246.9
70°	423.0	418.0	411.7	403.3	392.6	380.1	365.6	349.7	332.9	315.4	297.3
67.5°	483.8	477.6	470.9	463.3	454.0	442.3	426.8	408.4	389.0	369.1	348.3
65°	551.4	543.5	534.9	526.8	516.9	504.9	489.1	471.3	450.1	425.7	399.3
62.5°	625.2	618.0	605.6	592.5	579.5	565.7	547.7	528.4	508.9	486.3	454.9
60°	692.8	686.2	670.1	654.0	638.3	621.3	601.0	580.5	560.0	535.3	506.6
57.5°	746.8	736.5	721.4	706.1	690.6	669.9	648.3	627.9	605.4	581.6	554.9
55°	793.1	781.6	766.2	749.5	731.6	711.1	689.5	666.5	645.0	625.3	598.0
52.5°	840.4	825.9	809.3	791.3	771.5	749.4	726.3	702.3	681.3	660.9	637.9
50°	891.8	873.5	853.5	832.6	811.4	787.6	762.6	737.0	716.8	695.6	672.5
47.5°	947.0	925.3	901.6	877.9	853.3	827.5	800.4	772.9	750.7	728.9	705.0
45°	1011.8	984.2	953.8	926.5	897.4	868.9	839.7	811.3	783.4	758.9	735.9
42.5°	1087.0	1054.2	1019.5	982.3	944.9	912.2	879.3	848.7	817.7	788.2	761.6
40°	1181.6	1133.8	1093.4	1047.5	1003.2	958.4	922.5	885.5	851.7	818.3	787.7
37.5°	1306.5	1239.7	1181.6	1121.9	1068.7	1015.7	969.6	927.6	885.5	849.5	815.3
35°	1474.8	1381.3	1290.4	1213.3	1141.9	1079.3	1020.9	971.6	925.2	881.2	842.8
32.5°	1713.1	1576.2	1430.1	1326.1	1228.0	1146.7	1078.0	1016.8	963.7	915.3	871.3
30°	2087.0	1845.4	1638.1	1462.2	1335.5	1225.0	1136.0	1064.2	1001.9	948.1	899.2
27.5°	2696.4	2204.1	1917.2	1653.9	1458.4	1320.4	1205.0	1111.3	1039.1	980.1	926.7
25°	3684.7	2853.7	2273.1	1909.3	1625.8	1422.0	1279.2	1167.6	1079.2	1009.1	946.2
22.5°	5132.3	3835.2	2836.2	2202.2	1830.9	1561.1	1367.0	1223.1	1115.1	1033.9	965.5
20°	7415.2	5100.9	3656.4	2676.5	2071.9	1694.4	1460.1	1288.3	1159.1	1060.7	982.6
17.5°	10149.5	7058.3	4585.2	3187.2	2384.1	1887.0	1568.8	1350.8	1197.9	1084.8	997.1
15°	12905.0	9105.7	6012.3	3927.6	2724.8	2055.3	1662.2	1404.8	1235.9	1111.2	1015.2
12.5°	15947.9	11299.2	7278.5	4539.8	3075.7	2258.2	1781.2	1477.6	1277.4	1137.6	1032.6
10°	18576.4	13348.2	8800.6	5520.7	3537.4	2470.9	1890.5	1540.0	1312.0	1159.0	1046.2
7.5°	20943.1	15098.7	10077.0	6286.0	3895.4	2639.6	1978.1	1589.7	1338.0	1174.6	1055.9
5°	22622.6	16436.4	11103.8	6864.3	4151.6	2756.6	2039.0	1624.8	1355.2	1184.5	1061.5
2.5°	23670.5	17241.5	11773.5	7207.7	4277.0	2820.6	2077.3	1644.8	1369.7	1195.3	1064.6
0°	23766.5	17184.6	11867.5	7374.7	4197.0	2831.6	2095.4	1648.6	1378.0	1201.9	1063.4
-2.5°	23670.5	17241.5	11773.5	7207.7	4277.0	2820.6	2077.3	1644.8	1369.7	1195.3	1064.6
-5°	22622.6	16436.4	11103.8	6864.3	4151.6	2756.6	2039.0	1624.8	1355.2	1184.5	1061.5
-7.5°	20943.1	15098.7	10077.0	6286.0	3895.4	2639.6	1978.1	1589.7	1338.0	1174.6	1055.9
-10°	18576.4	13348.2	8800.6	5520.7	3537.4	2470.9	1890.5	1540.0	1312.0	1159.0	1046.2
-12.5°	15947.9	11299.2	7278.5	4539.8	3075.7	2258.2	1781.2	1477.6	1277.4	1137.6	1032.6
-15°	12905.0	9105.7	6012.3	3927.6	2724.8	2055.3	1662.2	1404.8	1235.9	1111.2	1015.2
-17.5°	10149.5	7058.3	4585.2	3187.2	2384.1	1887.0	1568.8	1350.8	1197.9	1084.8	997.1
-20°	7415.2	5100.9	3656.4	2676.5	2071.9	1694.4	1460.1	1288.3	1159.1	1060.7	982.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5132.3	3835.2	2836.2	2202.2	1830.9	1561.1	1367.0	1223.1	1115.1	1033.9	965.5
-25°	3684.7	2853.7	2273.1	1909.3	1625.8	1422.0	1279.2	1167.6	1079.2	1009.1	946.2
-27.5°	2696.4	2204.1	1917.2	1653.9	1458.4	1320.4	1205.0	1111.3	1039.1	980.1	926.7
-30°	2087.0	1845.4	1638.1	1462.2	1335.5	1225.0	1136.0	1064.2	1001.9	948.1	899.2
-32.5°	1713.1	1576.2	1430.1	1326.1	1228.0	1146.7	1078.0	1016.8	963.7	915.3	871.3
-35°	1474.8	1381.3	1290.4	1213.3	1141.9	1079.3	1020.9	971.6	925.2	881.2	842.8
-37.5°	1306.5	1239.7	1181.6	1121.9	1068.7	1015.7	969.6	927.6	885.5	849.5	815.3
-40°	1181.6	1133.8	1093.4	1047.5	1003.2	958.4	922.5	885.5	851.7	818.3	787.7
-42.5°	1087.0	1054.2	1019.5	982.3	944.9	912.2	879.3	848.7	817.7	788.2	761.6
-45°	1011.8	984.2	953.8	926.5	897.4	868.9	839.7	811.3	783.4	758.9	735.9
-47.5°	947.0	925.3	901.6	877.9	853.3	827.5	800.4	772.9	750.7	728.9	705.0
-50°	891.8	873.5	853.5	832.6	811.4	787.6	762.6	737.0	716.8	695.6	672.5
-52.5°	840.4	825.9	809.3	791.3	771.5	749.4	726.3	702.3	681.3	660.9	637.9
-55°	793.1	781.6	766.2	749.5	731.6	711.1	689.5	666.5	645.0	625.3	598.0
-57.5°	746.8	736.5	721.4	706.1	690.6	669.9	648.3	627.9	605.4	581.6	554.9
-60°	692.8	686.2	670.1	654.0	638.3	621.3	601.0	580.5	560.0	535.3	506.6
-62.5°	625.2	618.0	605.6	592.5	579.5	565.7	547.7	528.4	508.9	486.3	454.9
-65°	551.4	543.5	534.9	526.8	516.9	504.9	489.1	471.3	450.1	425.7	399.3
-67.5°	483.8	477.6	470.9	463.3	454.0	442.3	426.8	408.4	389.0	369.1	348.3
-70°	423.0	418.0	411.7	403.3	392.6	380.1	365.6	349.7	332.9	315.4	297.3
-72.5°	361.2	356.6	350.0	340.6	330.0	318.7	306.5	292.9	278.0	261.7	246.9
-75°	297.2	293.2	287.5	279.4	270.5	261.0	250.3	238.4	226.4	214.4	202.7
-77.5°	234.8	230.5	225.1	218.4	211.0	203.1	194.6	186.0	177.3	168.2	158.6
-80°	174.3	171.0	167.3	162.1	156.3	149.9	142.9	136.3	129.4	122.9	116.8
-82.5°	118.8	117.6	116.0	111.7	107.3	102.8	98.4	94.5	90.4	86.0	81.4
-85°	66.7	66.5	66.1	64.1	62.0	59.7	57.3	54.7	51.9	49.0	46.0
-87.5°	23.7	23.3	22.8	22.4	21.8	21.3	20.6	20.0	19.3	18.6	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: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.6	8.6	7.6
85°	42.8	39.5	36.1	32.6	28.9	25.2	23.2	21.3	19.3	17.2	15.1
82.5°	76.7	71.7	66.6	61.3	55.8	50.2	44.4	38.5	32.3	26.3	22.7
80°	110.5	103.8	97.0	90.0	82.9	75.1	67.4	59.4	50.6	42.2	34.2
77.5°	148.7	138.3	127.6	118.7	110.6	101.6	91.8	80.8	68.8	57.9	47.5
75°	190.6	178.1	165.2	152.5	140.4	128.1	116.9	104.0	89.0	73.7	60.7
72.5°	233.8	219.4	203.8	187.9	173.5	158.6	143.3	127.0	109.7	92.3	74.6
70°	279.4	261.6	244.2	226.2	207.7	189.0	171.4	151.7	130.3	110.5	90.6
67.5°	326.7	305.6	284.8	264.3	243.3	221.7	199.6	176.6	152.8	128.6	106.4
65°	375.2	350.2	324.8	301.9	278.4	254.3	229.6	201.6	174.9	148.3	121.9
62.5°	424.5	395.6	367.5	339.7	313.1	286.5	258.8	227.4	196.8	167.6	138.3
60°	474.3	441.0	409.2	378.3	347.8	318.1	286.9	252.4	219.0	186.5	154.9
57.5°	521.9	485.2	449.1	415.3	382.2	349.2	314.3	277.1	240.4	205.2	171.1
55°	568.1	530.7	488.3	449.8	414.6	379.5	340.8	301.4	261.4	223.4	186.8
52.5°	608.9	571.6	527.7	483.7	444.2	407.5	366.1	325.0	282.6	240.8	202.0
50°	645.9	608.1	564.0	517.6	472.6	431.9	390.3	346.9	303.1	258.0	216.7
47.5°	677.9	641.6	598.1	549.5	501.5	455.5	412.2	367.5	322.9	275.5	230.9
45°	706.7	673.8	630.6	580.9	528.3	479.4	432.8	387.0	340.4	292.5	244.5
42.5°	733.7	701.8	662.3	611.5	555.5	502.3	452.6	405.0	356.8	308.6	258.2
40°	758.1	726.1	691.9	640.1	581.3	523.8	472.0	422.0	372.3	323.3	271.4
37.5°	782.3	749.2	713.6	666.8	605.4	545.8	490.1	438.1	387.1	336.5	283.8
35°	807.0	771.6	732.8	687.9	628.5	565.9	506.8	453.2	401.1	348.8	295.3
32.5°	830.8	791.8	750.3	705.6	649.9	584.3	523.0	467.8	414.2	360.4	306.0
30°	854.2	808.3	765.9	723.7	668.7	602.3	538.8	481.4	426.4	371.1	315.7
27.5°	871.9	822.7	779.6	738.0	684.4	618.9	554.3	493.9	437.6	381.0	324.3
25°	887.9	836.5	791.4	749.3	700.0	636.1	568.4	505.4	447.8	390.0	332.1
22.5°	903.9	848.6	801.2	758.9	714.7	651.5	581.8	516.9	457.0	398.1	339.1
20°	917.7	858.3	809.3	767.7	724.5	663.6	594.3	527.1	465.1	405.3	345.4
17.5°	929.5	868.2	817.8	774.9	731.2	673.8	605.3	536.0	472.2	411.6	350.8
15°	941.5	878.5	825.1	780.5	737.1	682.2	614.6	543.6	478.2	416.8	355.8
12.5°	951.8	886.0	830.7	784.5	742.0	688.7	622.3	549.8	483.1	421.8	360.5
10°	959.8	891.0	834.7	787.0	745.8	693.4	628.4	555.6	489.0	426.2	364.4
7.5°	965.4	893.5	837.0	788.0	748.6	697.7	634.2	561.9	494.2	429.7	367.4
5°	969.2	894.6	838.5	790.4	750.1	701.6	638.5	566.9	498.4	432.2	369.6
2.5°	973.7	895.1	838.5	792.2	750.2	704.0	641.0	570.4	501.5	433.7	370.9
0°	975.3	893.5	836.9	792.8	748.8	704.8	641.8	572.6	503.4	434.2	371.3
-2.5°	973.7	895.1	838.5	792.2	750.2	704.0	641.0	570.4	501.5	433.7	370.9
-5°	969.2	894.6	838.5	790.4	750.1	701.6	638.5	566.9	498.4	432.2	369.6
-7.5°	965.4	893.5	837.0	788.0	748.6	697.7	634.2	561.9	494.2	429.7	367.4
-10°	959.8	891.0	834.7	787.0	745.8	693.4	628.4	555.6	489.0	426.2	364.4
-12.5°	951.8	886.0	830.7	784.5	742.0	688.7	622.3	549.8	483.1	421.8	360.5
-15°	941.5	878.5	825.1	780.5	737.1	682.2	614.6	543.6	478.2	416.8	355.8
-17.5°	929.5	868.2	817.8	774.9	731.2	673.8	605.3	536.0	472.2	411.6	350.8
-20°	917.7	858.3	809.3	767.7	724.5	663.6	594.3	527.1	465.1	405.3	345.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	903.9	848.6	801.2	758.9	714.7	651.5	581.8	516.9	457.0	398.1	339.1
-25°	887.9	836.5	791.4	749.3	700.0	636.1	568.4	505.4	447.8	390.0	332.1
-27.5°	871.9	822.7	779.6	738.0	684.4	618.9	554.3	493.9	437.6	381.0	324.3
-30°	854.2	808.3	765.9	723.7	668.7	602.3	538.8	481.4	426.4	371.1	315.7
-32.5°	830.8	791.8	750.3	705.6	649.9	584.3	523.0	467.8	414.2	360.4	306.0
-35°	807.0	771.6	732.8	687.9	628.5	565.9	506.8	453.2	401.1	348.8	295.3
-37.5°	782.3	749.2	713.6	666.8	605.4	545.8	490.1	438.1	387.1	336.5	283.8
-40°	758.1	726.1	691.9	640.1	581.3	523.8	472.0	422.0	372.3	323.3	271.4
-42.5°	733.7	701.8	662.3	611.5	555.5	502.3	452.6	405.0	356.8	308.6	258.2
-45°	706.7	673.8	630.6	580.9	528.3	479.4	432.8	387.0	340.4	292.5	244.5
-47.5°	677.9	641.6	598.1	549.5	501.5	455.5	412.2	367.5	322.9	275.5	230.9
-50°	645.9	608.1	564.0	517.6	472.6	431.9	390.3	346.9	303.1	258.0	216.7
-52.5°	608.9	571.6	527.7	483.7	444.2	407.5	366.1	325.0	282.6	240.8	202.0
-55°	568.1	530.7	488.3	449.8	414.6	379.5	340.8	301.4	261.4	223.4	186.8
-57.5°	521.9	485.2	449.1	415.3	382.2	349.2	314.3	277.1	240.4	205.2	171.1
-60°	474.3	441.0	409.2	378.3	347.8	318.1	286.9	252.4	219.0	186.5	154.9
-62.5°	424.5	395.6	367.5	339.7	313.1	286.5	258.8	227.4	196.8	167.6	138.3
-65°	375.2	350.2	324.8	301.9	278.4	254.3	229.6	201.6	174.9	148.3	121.9
-67.5°	326.7	305.6	284.8	264.3	243.3	221.7	199.6	176.6	152.8	128.6	106.4
-70°	279.4	261.6	244.2	226.2	207.7	189.0	171.4	151.7	130.3	110.5	90.6
-72.5°	233.8	219.4	203.8	187.9	173.5	158.6	143.3	127.0	109.7	92.3	74.6
-75°	190.6	178.1	165.2	152.5	140.4	128.1	116.9	104.0	89.0	73.7	60.7
-77.5°	148.7	138.3	127.6	118.7	110.6	101.6	91.8	80.8	68.8	57.9	47.5
-80°	110.5	103.8	97.0	90.0	82.9	75.1	67.4	59.4	50.6	42.2	34.2
-82.5°	76.7	71.7	66.6	61.3	55.8	50.2	44.4	38.5	32.3	26.3	22.7
-85°	42.8	39.5	36.1	32.6	28.9	25.2	23.2	21.3	19.3	17.2	15.1
-87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.6	8.6	7.6
-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: P627835 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-750-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°	6.5	5.5	4.4	3.3	2.2	1.1	0.0
85°	13.0	10.9	8.7	6.6	4.4	2.2	0.0
82.5°	19.5	16.3	13.1	9.8	6.6	3.3	0.0
80°	26.5	21.7	17.4	13.1	8.7	4.4	0.0
77.5°	37.7	28.5	21.7	16.3	10.9	5.5	0.0
75°	48.8	37.7	26.5	19.5	13.0	6.5	0.0
72.5°	59.8	46.9	33.9	22.7	15.1	7.6	0.0
70°	71.0	55.9	41.1	26.2	17.2	8.6	0.0
67.5°	84.7	64.8	48.3	31.6	19.3	9.6	0.0
65°	98.2	74.8	55.3	36.9	21.3	10.6	0.0
62.5°	111.4	85.9	62.1	42.0	23.2	11.6	0.0
60°	124.3	96.7	68.9	47.1	25.2	12.6	0.0
57.5°	138.0	107.2	77.2	52.0	28.4	13.5	0.0
55°	151.3	117.5	85.4	56.8	31.6	14.5	0.0
52.5°	164.1	127.5	93.4	61.4	34.7	15.3	0.0
50°	176.4	137.7	101.1	65.9	37.7	16.2	0.0
47.5°	188.2	147.4	108.5	70.5	40.6	17.0	0.0
45°	199.8	156.6	115.7	75.9	43.4	17.8	0.0
42.5°	211.0	165.4	122.5	81.0	46.0	18.6	0.0
40°	221.6	173.8	129.1	85.9	48.6	19.3	0.0
37.5°	231.7	181.6	135.4	90.4	51.0	20.0	0.0
35°	241.2	189.3	141.3	94.6	53.3	20.6	0.0
32.5°	250.2	196.7	146.8	98.5	55.4	21.3	0.0
30°	258.7	203.6	151.9	102.0	57.4	21.8	0.0
27.5°	266.5	209.9	156.5	105.3	59.2	22.4	0.0
25°	273.5	215.7	160.7	108.2	60.9	22.8	0.0
22.5°	279.8	221.0	164.6	110.8	62.5	23.3	0.0
20°	285.3	225.6	168.2	113.0	63.9	23.7	0.0
17.5°	290.3	229.5	171.4	115.0	65.1	24.0	0.0
15°	294.9	232.7	174.3	116.6	66.2	24.3	0.0
12.5°	298.8	235.3	176.7	117.9	67.1	24.6	0.0
10°	302.2	237.3	178.8	118.8	67.9	24.8	0.0
7.5°	304.8	238.6	180.4	119.5	68.4	25.0	0.0
5°	306.7	239.4	181.5	119.8	68.9	25.1	0.0
2.5°	307.9	239.5	182.3	119.9	69.1	25.2	0.0
0°	308.3	239.1	182.5	119.6	69.2	25.2	0.0
-2.5°	307.9	239.5	182.3	119.9	69.1	25.2	0.0
-5°	306.7	239.4	181.5	119.8	68.9	25.1	0.0
-7.5°	304.8	238.6	180.4	119.5	68.4	25.0	0.0
-10°	302.2	237.3	178.8	118.8	67.9	24.8	0.0
-12.5°	298.8	235.3	176.7	117.9	67.1	24.6	0.0
-15°	294.9	232.7	174.3	116.6	66.2	24.3	0.0
-17.5°	290.3	229.5	171.4	115.0	65.1	24.0	0.0
-20°	285.3	225.6	168.2	113.0	63.9	23.7	0.0

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CATALOG NUMBER: GFLD-SA6B-750-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	279.8	221.0	164.6	110.8	62.5	23.3	0.0
-25°	273.5	215.7	160.7	108.2	60.9	22.8	0.0
-27.5°	266.5	209.9	156.5	105.3	59.2	22.4	0.0
-30°	258.7	203.6	151.9	102.0	57.4	21.8	0.0
-32.5°	250.2	196.7	146.8	98.5	55.4	21.3	0.0
-35°	241.2	189.3	141.3	94.6	53.3	20.6	0.0
-37.5°	231.7	181.6	135.4	90.4	51.0	20.0	0.0
-40°	221.6	173.8	129.1	85.9	48.6	19.3	0.0
-42.5°	211.0	165.4	122.5	81.0	46.0	18.6	0.0
-45°	199.8	156.6	115.7	75.9	43.4	17.8	0.0
-47.5°	188.2	147.4	108.5	70.5	40.6	17.0	0.0
-50°	176.4	137.7	101.1	65.9	37.7	16.2	0.0
-52.5°	164.1	127.5	93.4	61.4	34.7	15.3	0.0
-55°	151.3	117.5	85.4	56.8	31.6	14.5	0.0
-57.5°	138.0	107.2	77.2	52.0	28.4	13.5	0.0
-60°	124.3	96.7	68.9	47.1	25.2	12.6	0.0
-62.5°	111.4	85.9	62.1	42.0	23.2	11.6	0.0
-65°	98.2	74.8	55.3	36.9	21.3	10.6	0.0
-67.5°	84.7	64.8	48.3	31.6	19.3	9.6	0.0
-70°	71.0	55.9	41.1	26.2	17.2	8.6	0.0
-72.5°	59.8	46.9	33.9	22.7	15.1	7.6	0.0
-75°	48.8	37.7	26.5	19.5	13.0	6.5	0.0
-77.5°	37.7	28.5	21.7	16.3	10.9	5.5	0.0
-80°	26.5	21.7	17.4	13.1	8.7	4.4	0.0
-82.5°	19.5	16.3	13.1	9.8	6.6	3.3	0.0
-85°	13.0	10.9	8.7	6.6	4.4	2.2	0.0
-87.5°	6.5	5.5	4.4	3.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)