

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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-735-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627635 (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-SA5C-735-U-MR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N119  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

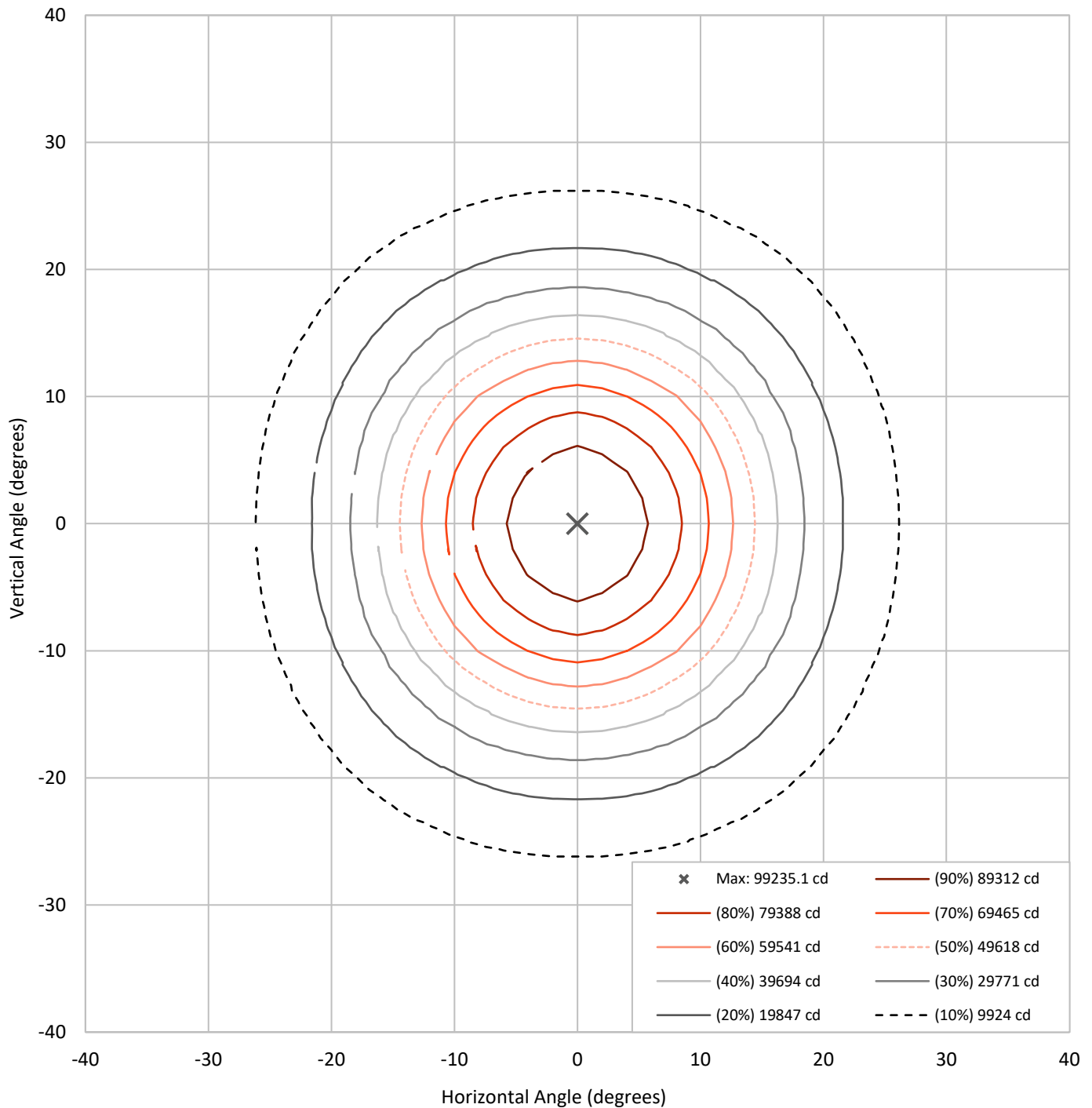
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31004.5 lumens	Max Intensity:	99235.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.4 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:	15073.9 lumens	Field Lumens:	25438.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	206.1		
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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

### Iso-Candela Plot





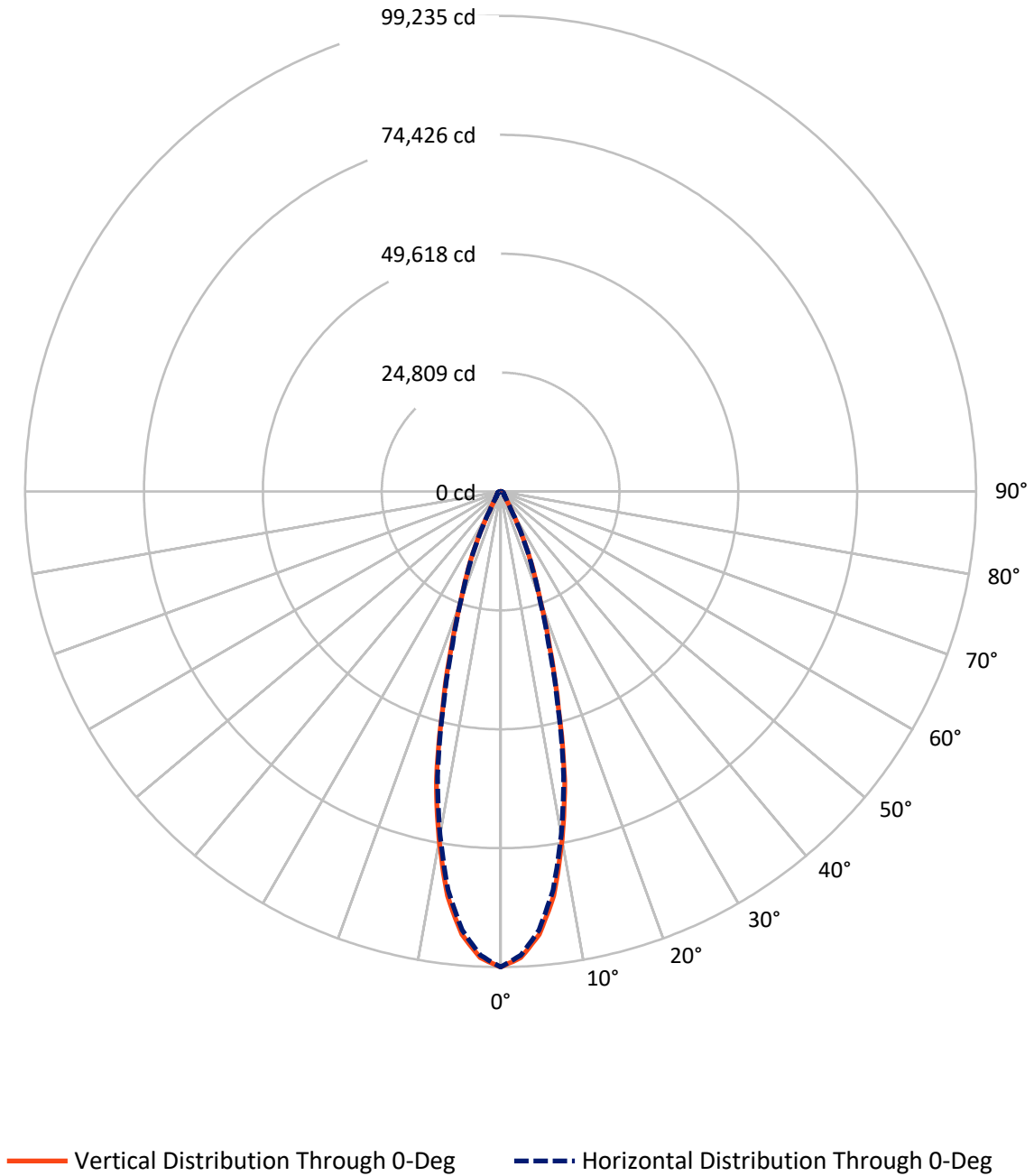
REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

### Lumen Table

90																			
80	0.6	5.1		13.5		21.3		23.6		21.3		13.5		5.1		0.6			
70																			
60	2.3	2.7	5.4	8.8	12.3	15.0	16.8	17.6	17.6	16.8	15.0	12.3	8.8	5.4	2.7	2.3			
50		4.0	8.0	12.9	17.3	21.3	23.9	24.8	24.8	23.9	21.3	17.3	12.9	8.0	4.0				
40	4.1	5.1	10.3	16.0	21.2	26.9	31.6	33.9	33.9	31.6	26.9	21.2	16.0	10.3	5.1	4.1			
30		6.0	12.0	18.4	26.0	37.1	53.7	69.8	69.8	53.7	37.1	26.0	18.4	12.0	6.0				
20	5.2	6.7	13.2	20.7	33.3	72.5	204.1	361.9	361.9	204.1	72.5	33.3	20.7	13.2	6.7	5.2			
10		7.2	13.8	22.6	45.4	190.3	678.2	1299.6	1299.6	678.2	190.3	45.4	22.6	13.8	7.2				
0	5.6	7.5	14.1	23.7	57.7	328.5	1255.3	2469.2	2469.2	1255.3	328.5	57.7	23.7	14.1	7.5	5.6			
-10		7.5	14.1	23.7	57.7	328.5	1255.3	2469.2	2469.2	1255.3	328.5	57.7	23.7	14.1	7.5				
-20	5.2	7.2	13.8	22.6	45.4	190.3	678.2	1299.6	1299.6	678.2	190.3	45.4	22.6	13.8	7.2	5.2			
-30		6.7	13.2	20.7	33.3	72.5	204.1	361.9	361.9	204.1	72.5	33.3	20.7	13.2	6.7				
-40	4.1	6.0	12.0	18.4	26.0	37.1	53.7	69.8	69.8	53.7	37.1	26.0	18.4	12.0	6.0	4.1			
-50		5.1	10.3	16.0	21.2	26.9	31.6	33.9	33.9	31.6	26.9	21.2	16.0	10.3	5.1				
-60	2.3	4.0	8.0	12.9	17.3	21.3	23.9	24.8	24.8	23.9	21.3	17.3	12.9	8.0	4.0	2.3			
-70		2.7	5.4	8.8	12.3	15.0	16.8	17.6	17.6	16.8	15.0	12.3	8.8	5.4	2.7				
-80																			
-90	0.6	5.1		13.5		21.3		23.6		21.3		13.5		5.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

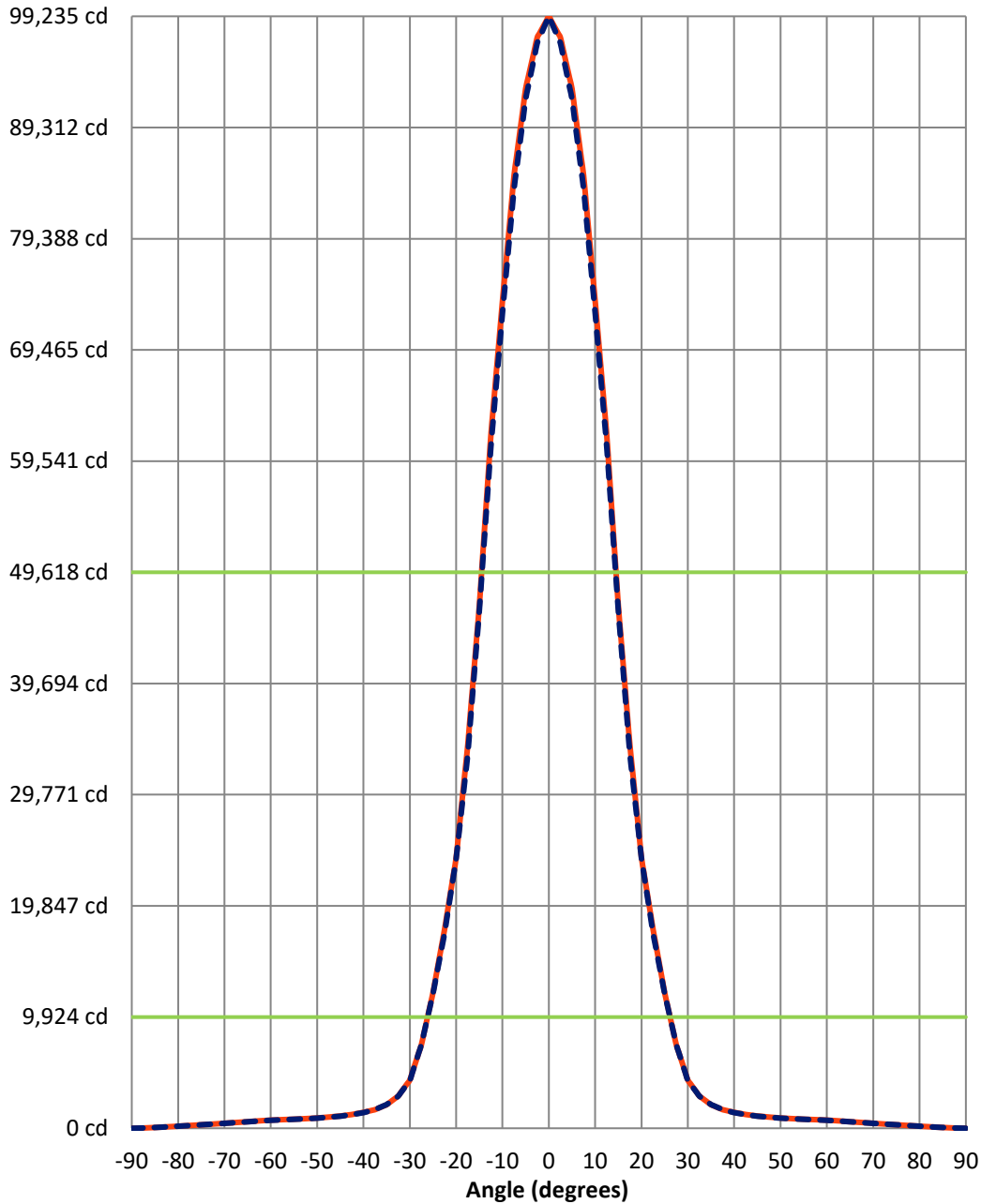
REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 15073.9  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 25438.7  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 5565.8  
 Efficiency: 18.0%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
85°	0.0	2.2	4.4	6.6	8.8	11.0	13.2	15.3	17.4	19.5	21.5
82.5°	0.0	3.3	6.6	10.0	13.2	16.5	19.7	22.9	26.6	32.6	39.0
80°	0.0	4.4	8.8	13.2	17.6	22.0	26.9	34.6	42.7	51.2	60.1
77.5°	0.0	5.5	11.0	16.5	22.0	28.8	38.2	48.1	58.6	69.6	81.8
75°	0.0	6.6	13.2	19.7	26.9	38.2	49.4	61.5	74.7	90.1	105.3
72.5°	0.0	7.7	15.3	22.9	34.3	47.5	60.5	75.5	93.4	111.1	128.6
70°	0.0	8.7	17.4	26.5	41.6	56.6	71.9	91.8	111.9	131.9	153.6
67.5°	0.0	9.8	19.5	32.0	48.9	65.7	85.8	107.7	130.2	154.7	178.8
65°	0.0	10.8	21.5	37.3	56.0	75.8	99.4	123.4	150.1	177.0	204.1
62.5°	0.0	11.8	23.5	42.5	62.9	87.0	112.8	140.1	169.7	199.2	230.2
60°	0.0	12.7	25.5	47.7	69.8	97.9	125.9	156.8	188.8	221.6	255.5
57.5°	0.0	13.7	28.8	52.6	78.2	108.6	139.7	173.2	207.7	243.4	280.5
55°	0.0	14.6	32.0	57.5	86.5	119.0	153.1	189.0	226.1	264.6	305.2
52.5°	0.0	15.5	35.2	62.2	94.6	129.1	166.1	204.4	243.8	286.1	329.1
50°	0.0	16.4	38.2	66.8	102.4	139.4	178.5	219.4	261.1	306.9	351.2
47.5°	0.0	17.2	41.1	71.5	109.9	149.2	190.4	233.7	278.9	326.9	372.1
45°	0.0	18.0	43.9	76.9	117.2	158.6	202.3	247.6	296.2	344.7	391.9
42.5°	0.0	18.8	46.6	82.1	124.1	167.5	213.6	261.3	312.4	361.3	410.0
40°	0.0	19.5	49.2	87.0	130.8	175.9	224.3	274.7	327.4	376.9	427.2
37.5°	0.0	20.2	51.6	91.5	137.1	183.8	234.5	287.3	340.7	392.0	443.5
35°	0.0	20.9	53.9	95.8	143.1	191.5	244.2	299.0	353.2	406.1	458.7
32.5°	0.0	21.5	56.1	99.7	148.6	199.0	253.3	309.8	364.9	419.3	473.6
30°	0.0	22.1	58.1	103.3	153.8	206.0	261.9	319.6	375.7	431.6	487.3
27.5°	0.0	22.6	60.0	106.6	158.4	212.5	269.8	328.3	385.7	443.0	500.0
25°	0.0	23.1	61.7	109.5	162.7	218.4	276.9	336.2	394.8	453.3	511.7
22.5°	0.0	23.6	63.3	112.2	166.6	223.7	283.2	343.3	403.0	462.6	523.3
20°	0.0	24.0	64.7	114.4	170.3	228.3	288.8	349.6	410.3	470.8	533.6
17.5°	0.0	24.3	66.0	116.4	173.5	232.3	293.9	355.1	416.6	478.0	542.6
15°	0.0	24.6	67.1	118.0	176.4	235.6	298.5	360.1	421.9	484.1	550.3
12.5°	0.0	24.9	68.0	119.3	178.9	238.2	302.5	364.9	426.9	489.1	556.6
10°	0.0	25.1	68.7	120.3	180.9	240.2	305.9	368.8	431.4	495.0	562.4
7.5°	0.0	25.3	69.3	120.9	182.6	241.6	308.6	371.9	435.0	500.3	568.8
5°	0.0	25.4	69.8	121.2	183.7	242.4	310.5	374.0	437.5	504.5	573.9
2.5°	0.0	25.5	70.0	121.3	184.5	242.5	311.7	375.4	439.0	507.7	577.5
0°	0.0	25.5	70.1	121.0	184.7	242.1	312.1	375.8	439.5	509.6	579.7
-2.5°	0.0	25.5	70.0	121.3	184.5	242.5	311.7	375.4	439.0	507.7	577.5
-5°	0.0	25.4	69.8	121.2	183.7	242.4	310.5	374.0	437.5	504.5	573.9
-7.5°	0.0	25.3	69.3	120.9	182.6	241.6	308.6	371.9	435.0	500.3	568.8
-10°	0.0	25.1	68.7	120.3	180.9	240.2	305.9	368.8	431.4	495.0	562.4
-12.5°	0.0	24.9	68.0	119.3	178.9	238.2	302.5	364.9	426.9	489.1	556.6
-15°	0.0	24.6	67.1	118.0	176.4	235.6	298.5	360.1	421.9	484.1	550.3
-17.5°	0.0	24.3	66.0	116.4	173.5	232.3	293.9	355.1	416.6	478.0	542.6
-20°	0.0	24.0	64.7	114.4	170.3	228.3	288.8	349.6	410.3	470.8	533.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.6	63.3	112.2	166.6	223.7	283.2	343.3	403.0	462.6	523.3
-25°	0.0	23.1	61.7	109.5	162.7	218.4	276.9	336.2	394.8	453.3	511.7
-27.5°	0.0	22.6	60.0	106.6	158.4	212.5	269.8	328.3	385.7	443.0	500.0
-30°	0.0	22.1	58.1	103.3	153.8	206.0	261.9	319.6	375.7	431.6	487.3
-32.5°	0.0	21.5	56.1	99.7	148.6	199.0	253.3	309.8	364.9	419.3	473.6
-35°	0.0	20.9	53.9	95.8	143.1	191.5	244.2	299.0	353.2	406.1	458.7
-37.5°	0.0	20.2	51.6	91.5	137.1	183.8	234.5	287.3	340.7	392.0	443.5
-40°	0.0	19.5	49.2	87.0	130.8	175.9	224.3	274.7	327.4	376.9	427.2
-42.5°	0.0	18.8	46.6	82.1	124.1	167.5	213.6	261.3	312.4	361.3	410.0
-45°	0.0	18.0	43.9	76.9	117.2	158.6	202.3	247.6	296.2	344.7	391.9
-47.5°	0.0	17.2	41.1	71.5	109.9	149.2	190.4	233.7	278.9	326.9	372.1
-50°	0.0	16.4	38.2	66.8	102.4	139.4	178.5	219.4	261.1	306.9	351.2
-52.5°	0.0	15.5	35.2	62.2	94.6	129.1	166.1	204.4	243.8	286.1	329.1
-55°	0.0	14.6	32.0	57.5	86.5	119.0	153.1	189.0	226.1	264.6	305.2
-57.5°	0.0	13.7	28.8	52.6	78.2	108.6	139.7	173.2	207.7	243.4	280.5
-60°	0.0	12.7	25.5	47.7	69.8	97.9	125.9	156.8	188.8	221.6	255.5
-62.5°	0.0	11.8	23.5	42.5	62.9	87.0	112.8	140.1	169.7	199.2	230.2
-65°	0.0	10.8	21.5	37.3	56.0	75.8	99.4	123.4	150.1	177.0	204.1
-67.5°	0.0	9.8	19.5	32.0	48.9	65.7	85.8	107.7	130.2	154.7	178.8
-70°	0.0	8.7	17.4	26.5	41.6	56.6	71.9	91.8	111.9	131.9	153.6
-72.5°	0.0	7.7	15.3	22.9	34.3	47.5	60.5	75.5	93.4	111.1	128.6
-75°	0.0	6.6	13.2	19.7	26.9	38.2	49.4	61.5	74.7	90.1	105.3
-77.5°	0.0	5.5	11.0	16.5	22.0	28.8	38.2	48.1	58.6	69.6	81.8
-80°	0.0	4.4	8.8	13.2	17.6	22.0	26.9	34.6	42.7	51.2	60.1
-82.5°	0.0	3.3	6.6	10.0	13.2	16.5	19.7	22.9	26.6	32.6	39.0
-85°	0.0	2.2	4.4	6.6	8.8	11.0	13.2	15.3	17.4	19.5	21.5
-87.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
-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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.8	12.7	13.7	14.6	15.5	16.4	17.2	18.0	18.8	19.5	20.2
85°	23.5	25.5	29.2	32.9	36.5	40.0	43.3	46.5	49.6	52.5	55.3
82.5°	45.0	50.8	56.5	62.0	67.4	72.6	77.6	82.4	87.1	91.5	95.7
80°	68.2	76.0	83.9	91.1	98.2	105.1	111.8	118.3	124.5	131.1	138.1
77.5°	92.9	102.9	112.0	120.2	129.2	140.1	150.5	160.6	170.3	179.5	188.2
75°	118.4	129.7	142.2	154.4	167.3	180.3	193.0	205.1	217.0	229.2	241.3
72.5°	145.2	160.6	175.6	190.2	206.3	222.1	236.7	249.9	264.9	281.4	296.5
70°	173.5	191.4	210.2	229.0	247.3	264.9	282.9	301.0	319.2	337.0	354.0
67.5°	202.0	224.4	246.3	267.6	288.3	309.4	330.7	352.6	373.7	393.8	413.4
65°	232.4	257.4	281.9	305.7	328.8	354.5	379.8	404.3	430.9	455.7	477.1
62.5°	261.9	290.0	316.9	343.9	372.0	400.5	429.8	460.5	492.2	515.1	534.9
60°	290.4	322.0	352.1	383.0	414.3	446.5	480.1	512.8	541.8	566.9	587.6
57.5°	318.1	353.5	386.9	420.4	454.7	491.2	528.3	561.7	588.7	612.9	635.6
55°	345.0	384.2	419.7	455.4	494.3	537.2	575.1	605.3	633.0	652.9	674.8
52.5°	370.6	412.6	449.7	489.7	534.2	578.7	616.5	645.8	669.0	689.7	710.9
50°	395.1	437.3	478.5	523.9	570.9	615.6	653.9	680.8	704.2	725.6	746.0
47.5°	417.3	461.1	507.7	556.3	605.4	649.5	686.2	713.7	737.8	759.9	782.4
45°	438.2	485.3	534.7	588.0	638.4	682.1	715.4	745.0	768.2	793.1	821.2
42.5°	458.2	508.5	562.3	619.0	670.4	710.4	742.7	771.0	797.9	827.7	859.1
40°	477.8	530.2	588.4	648.0	700.4	735.1	767.4	797.4	828.3	862.2	896.4
37.5°	496.2	552.5	612.8	675.0	722.4	758.4	791.9	825.3	860.0	896.4	939.0
35°	513.0	572.9	636.2	696.3	741.8	781.1	816.9	853.2	892.0	936.6	983.6
32.5°	529.4	591.5	658.0	714.3	759.6	801.4	841.0	882.0	926.5	975.6	1029.3
30°	545.5	609.7	677.0	732.7	775.3	818.2	864.7	910.3	959.8	1014.2	1077.3
27.5°	561.1	626.5	692.9	747.0	789.2	832.8	882.6	938.1	992.2	1051.8	1125.0
25°	575.4	643.9	708.6	758.5	801.1	846.8	898.8	957.9	1021.5	1092.5	1182.0
22.5°	589.0	659.6	723.4	768.2	811.1	859.1	915.0	977.4	1046.6	1128.9	1238.2
20°	601.6	671.8	733.3	777.2	819.2	868.9	929.0	994.7	1073.7	1173.4	1304.1
17.5°	612.7	682.1	740.2	784.5	827.9	878.9	940.9	1009.3	1098.1	1212.6	1367.4
15°	622.2	690.5	746.1	790.1	835.2	889.3	953.1	1027.6	1124.9	1251.1	1422.1
12.5°	630.0	697.1	751.1	794.2	840.9	897.0	963.5	1045.3	1151.6	1293.1	1495.8
10°	636.1	701.9	755.0	796.7	845.0	902.0	971.6	1059.1	1173.3	1328.2	1558.9
7.5°	642.1	706.2	757.8	797.8	847.3	904.6	977.3	1068.9	1189.1	1354.5	1609.2
5°	646.4	710.2	759.4	800.2	848.8	905.7	981.2	1074.6	1199.0	1371.9	1644.8
2.5°	648.9	712.6	759.4	802.0	848.9	906.1	985.7	1077.7	1210.0	1386.6	1665.0
0°	649.7	713.4	758.0	802.6	847.2	904.5	987.3	1076.5	1216.6	1395.0	1668.9
-2.5°	648.9	712.6	759.4	802.0	848.9	906.1	985.7	1077.7	1210.0	1386.6	1665.0
-5°	646.4	710.2	759.4	800.2	848.8	905.7	981.2	1074.6	1199.0	1371.9	1644.8
-7.5°	642.1	706.2	757.8	797.8	847.3	904.6	977.3	1068.9	1189.1	1354.5	1609.2
-10°	636.1	701.9	755.0	796.7	845.0	902.0	971.6	1059.1	1173.3	1328.2	1558.9
-12.5°	630.0	697.1	751.1	794.2	840.9	897.0	963.5	1045.3	1151.6	1293.1	1495.8
-15°	622.2	690.5	746.1	790.1	835.2	889.3	953.1	1027.6	1124.9	1251.1	1422.1
-17.5°	612.7	682.1	740.2	784.5	827.9	878.9	940.9	1009.3	1098.1	1212.6	1367.4
-20°	601.6	671.8	733.3	777.2	819.2	868.9	929.0	994.7	1073.7	1173.4	1304.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	589.0	659.6	723.4	768.2	811.1	859.1	915.0	977.4	1046.6	1128.9	1238.2
-25°	575.4	643.9	708.6	758.5	801.1	846.8	898.8	957.9	1021.5	1092.5	1182.0
-27.5°	561.1	626.5	692.9	747.0	789.2	832.8	882.6	938.1	992.2	1051.8	1125.0
-30°	545.5	609.7	677.0	732.7	775.3	818.2	864.7	910.3	959.8	1014.2	1077.3
-32.5°	529.4	591.5	658.0	714.3	759.6	801.4	841.0	882.0	926.5	975.6	1029.3
-35°	513.0	572.9	636.2	696.3	741.8	781.1	816.9	853.2	892.0	936.6	983.6
-37.5°	496.2	552.5	612.8	675.0	722.4	758.4	791.9	825.3	860.0	896.4	939.0
-40°	477.8	530.2	588.4	648.0	700.4	735.1	767.4	797.4	828.3	862.2	896.4
-42.5°	458.2	508.5	562.3	619.0	670.4	710.4	742.7	771.0	797.9	827.7	859.1
-45°	438.2	485.3	534.7	588.0	638.4	682.1	715.4	745.0	768.2	793.1	821.2
-47.5°	417.3	461.1	507.7	556.3	605.4	649.5	686.2	713.7	737.8	759.9	782.4
-50°	395.1	437.3	478.5	523.9	570.9	615.6	653.9	680.8	704.2	725.6	746.0
-52.5°	370.6	412.6	449.7	489.7	534.2	578.7	616.5	645.8	669.0	689.7	710.9
-55°	345.0	384.2	419.7	455.4	494.3	537.2	575.1	605.3	633.0	652.9	674.8
-57.5°	318.1	353.5	386.9	420.4	454.7	491.2	528.3	561.7	588.7	612.9	635.6
-60°	290.4	322.0	352.1	383.0	414.3	446.5	480.1	512.8	541.8	566.9	587.6
-62.5°	261.9	290.0	316.9	343.9	372.0	400.5	429.8	460.5	492.2	515.1	534.9
-65°	232.4	257.4	281.9	305.7	328.8	354.5	379.8	404.3	430.9	455.7	477.1
-67.5°	202.0	224.4	246.3	267.6	288.3	309.4	330.7	352.6	373.7	393.8	413.4
-70°	173.5	191.4	210.2	229.0	247.3	264.9	282.9	301.0	319.2	337.0	354.0
-72.5°	145.2	160.6	175.6	190.2	206.3	222.1	236.7	249.9	264.9	281.4	296.5
-75°	118.4	129.7	142.2	154.4	167.3	180.3	193.0	205.1	217.0	229.2	241.3
-77.5°	92.9	102.9	112.0	120.2	129.2	140.1	150.5	160.6	170.3	179.5	188.2
-80°	68.2	76.0	83.9	91.1	98.2	105.1	111.8	118.3	124.5	131.1	138.1
-82.5°	45.0	50.8	56.5	62.0	67.4	72.6	77.6	82.4	87.1	91.5	95.7
-85°	23.5	25.5	29.2	32.9	36.5	40.0	43.3	46.5	49.6	52.5	55.3
-87.5°	11.8	12.7	13.7	14.6	15.5	16.4	17.2	18.0	18.8	19.5	20.2
-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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	24.9	25.1
85°	58.0	60.4	62.7	64.9	66.8	67.3	67.5	67.4	67.1	68.0	68.7
82.5°	99.6	104.1	108.6	113.1	117.5	119.1	120.3	121.1	121.6	123.3	124.8
80°	144.7	151.7	158.3	164.1	169.4	173.1	176.4	179.5	182.4	183.7	184.3
77.5°	197.0	205.6	213.6	221.1	227.9	233.3	237.7	241.3	244.0	245.7	246.8
75°	253.4	264.2	273.9	282.8	291.1	296.8	300.8	303.8	305.8	307.9	309.6
72.5°	310.2	322.6	334.0	344.8	354.3	360.9	365.6	369.4	372.2	374.4	375.4
70°	370.1	384.8	397.5	408.3	416.8	423.2	428.2	432.3	435.4	437.5	438.6
67.5°	432.0	447.8	459.6	469.1	476.8	483.5	489.8	494.4	497.5	500.5	503.8
65°	495.1	511.1	523.3	533.3	541.4	550.2	558.2	564.1	568.1	571.7	575.4
62.5°	554.4	572.6	586.7	599.8	613.1	625.6	632.9	638.5	642.5	646.0	650.2
60°	608.4	629.0	646.2	662.1	678.3	694.6	701.3	706.5	711.5	716.2	720.4
57.5°	656.3	678.1	699.0	714.7	730.3	745.5	756.0	761.8	765.6	767.8	769.6
55°	698.0	719.8	740.7	758.8	775.6	791.2	802.9	808.6	812.8	815.4	817.0
52.5°	735.3	758.7	781.0	801.0	819.2	836.1	850.7	858.5	864.8	869.2	870.7
50°	771.9	797.3	821.4	842.8	864.0	884.2	902.8	913.6	921.1	925.8	927.3
47.5°	810.2	837.7	863.8	888.7	912.7	936.7	958.7	973.4	984.3	992.3	998.0
45°	850.1	879.6	908.4	937.9	965.5	996.4	1024.3	1045.7	1061.5	1075.2	1086.2
42.5°	890.1	923.3	956.5	994.4	1032.1	1067.2	1100.4	1128.8	1154.7	1180.0	1199.8
40°	933.8	970.1	1015.5	1060.4	1106.9	1147.8	1196.2	1239.6	1279.4	1322.3	1357.9
37.5°	981.4	1028.1	1081.9	1135.7	1196.2	1254.9	1322.5	1389.1	1447.0	1522.3	1582.7
35°	1033.4	1092.6	1156.0	1228.2	1306.3	1398.3	1492.9	1604.0	1698.2	1817.8	1928.3
32.5°	1091.2	1160.9	1243.1	1342.4	1447.7	1595.5	1734.2	1922.4	2083.3	2290.9	2517.7
30°	1150.1	1240.0	1351.9	1480.1	1658.2	1868.1	2112.7	2430.9	2775.1	3131.2	3610.6
27.5°	1219.8	1336.6	1476.3	1674.3	1940.7	2231.2	2729.6	3267.7	4017.4	4610.8	5667.8
25°	1294.9	1439.5	1645.9	1932.8	2301.0	2888.8	3730.0	4704.2	6204.2	7538.6	9072.0
22.5°	1383.8	1580.2	1853.5	2229.3	2871.0	3882.3	5195.5	7195.9	9419.6	11614.4	13620.5
20°	1478.1	1715.2	2097.3	2709.4	3701.3	5163.6	7506.4	10364.9	13317.1	16325.0	18859.8
17.5°	1588.0	1910.1	2413.4	3226.4	4641.5	7145.1	10274.3	13909.0	17765.9	21604.1	24938.1
15°	1682.6	2080.5	2758.2	3975.9	6086.2	9217.7	13063.7	17654.1	22504.4	27485.6	32884.2
12.5°	1803.1	2285.9	3113.5	4595.6	7368.0	11438.2	16144.0	21473.7	27396.5	34010.3	42426.7
10°	1913.8	2501.3	3580.8	5588.6	8908.8	13512.4	18804.9	24851.6	32533.9	42472.8	52625.0
7.5°	2002.4	2672.0	3943.3	6363.3	10201.0	15284.4	21200.7	28450.4	38034.7	49869.7	61469.2
5°	2064.1	2790.4	4202.6	6948.7	11240.4	16638.5	22900.9	31103.3	42671.3	55924.3	67768.3
2.5°	2102.8	2855.2	4329.5	7296.3	11918.3	17453.5	23961.7	32789.3	45513.1	59778.6	71770.2
0°	2121.1	2866.4	4248.7	7465.4	12013.4	17395.9	24058.7	33352.3	46187.4	60825.2	72768.6
-2.5°	2102.8	2855.2	4329.5	7296.3	11918.3	17453.5	23961.7	32789.3	45513.1	59778.6	71770.2
-5°	2064.1	2790.4	4202.6	6948.7	11240.4	16638.5	22900.9	31103.3	42671.3	55924.3	67768.3
-7.5°	2002.4	2672.0	3943.3	6363.3	10201.0	15284.4	21200.7	28450.4	38034.7	49869.7	61469.2
-10°	1913.8	2501.3	3580.8	5588.6	8908.8	13512.4	18804.9	24851.6	32533.9	42472.8	52625.0
-12.5°	1803.1	2285.9	3113.5	4595.6	7368.0	11438.2	16144.0	21473.7	27396.5	34010.3	42426.7
-15°	1682.6	2080.5	2758.2	3975.9	6086.2	9217.7	13063.7	17654.1	22504.4	27485.6	32884.2
-17.5°	1588.0	1910.1	2413.4	3226.4	4641.5	7145.1	10274.3	13909.0	17765.9	21604.1	24938.1
-20°	1478.1	1715.2	2097.3	2709.4	3701.3	5163.6	7506.4	10364.9	13317.1	16325.0	18859.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1383.8	1580.2	1853.5	2229.3	2871.0	3882.3	5195.5	7195.9	9419.6	11614.4	13620.5
-25°	1294.9	1439.5	1645.9	1932.8	2301.0	2888.8	3730.0	4704.2	6204.2	7538.6	9072.0
-27.5°	1219.8	1336.6	1476.3	1674.3	1940.7	2231.2	2729.6	3267.7	4017.4	4610.8	5667.8
-30°	1150.1	1240.0	1351.9	1480.1	1658.2	1868.1	2112.7	2430.9	2775.1	3131.2	3610.6
-32.5°	1091.2	1160.9	1243.1	1342.4	1447.7	1595.5	1734.2	1922.4	2083.3	2290.9	2517.7
-35°	1033.4	1092.6	1156.0	1228.2	1306.3	1398.3	1492.9	1604.0	1698.2	1817.8	1928.3
-37.5°	981.4	1028.1	1081.9	1135.7	1196.2	1254.9	1322.5	1389.1	1447.0	1522.3	1582.7
-40°	933.8	970.1	1015.5	1060.4	1106.9	1147.8	1196.2	1239.6	1279.4	1322.3	1357.9
-42.5°	890.1	923.3	956.5	994.4	1032.1	1067.2	1100.4	1128.8	1154.7	1180.0	1199.8
-45°	850.1	879.6	908.4	937.9	965.5	996.4	1024.3	1045.7	1061.5	1075.2	1086.2
-47.5°	810.2	837.7	863.8	888.7	912.7	936.7	958.7	973.4	984.3	992.3	998.0
-50°	771.9	797.3	821.4	842.8	864.0	884.2	902.8	913.6	921.1	925.8	927.3
-52.5°	735.3	758.7	781.0	801.0	819.2	836.1	850.7	858.5	864.8	869.2	870.7
-55°	698.0	719.8	740.7	758.8	775.6	791.2	802.9	808.6	812.8	815.4	817.0
-57.5°	656.3	678.1	699.0	714.7	730.3	745.5	756.0	761.8	765.6	767.8	769.6
-60°	608.4	629.0	646.2	662.1	678.3	694.6	701.3	706.5	711.5	716.2	720.4
-62.5°	554.4	572.6	586.7	599.8	613.1	625.6	632.9	638.5	642.5	646.0	650.2
-65°	495.1	511.1	523.3	533.3	541.4	550.2	558.2	564.1	568.1	571.7	575.4
-67.5°	432.0	447.8	459.6	469.1	476.8	483.5	489.8	494.4	497.5	500.5	503.8
-70°	370.1	384.8	397.5	408.3	416.8	423.2	428.2	432.3	435.4	437.5	438.6
-72.5°	310.2	322.6	334.0	344.8	354.3	360.9	365.6	369.4	372.2	374.4	375.4
-75°	253.4	264.2	273.9	282.8	291.1	296.8	300.8	303.8	305.8	307.9	309.6
-77.5°	197.0	205.6	213.6	221.1	227.9	233.3	237.7	241.3	244.0	245.7	246.8
-80°	144.7	151.7	158.3	164.1	169.4	173.1	176.4	179.5	182.4	183.7	184.3
-82.5°	99.6	104.1	108.6	113.1	117.5	119.1	120.3	121.1	121.6	123.3	124.8
-85°	58.0	60.4	62.7	64.9	66.8	67.3	67.5	67.4	67.1	68.0	68.7
-87.5°	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	24.9	25.1
-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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	25.3	25.4	25.5	25.5	25.5	25.4	25.3	25.1	24.9	24.6	24.3
85°	69.3	69.8	70.0	70.1	70.0	69.8	69.3	68.7	68.0	67.1	67.4
82.5°	125.9	126.7	127.2	127.4	127.2	126.7	125.9	124.8	123.3	121.6	121.1
80°	184.3	183.9	184.5	184.7	184.5	183.9	184.3	184.3	183.7	182.4	179.5
77.5°	247.3	247.2	248.1	248.4	248.1	247.2	247.3	246.8	245.7	244.0	241.3
75°	310.5	310.7	311.7	312.1	311.7	310.7	310.5	309.6	307.9	305.8	303.8
72.5°	375.4	374.4	375.4	375.8	375.4	374.4	375.4	375.4	374.4	372.2	369.4
70°	438.8	437.9	442.0	445.9	442.0	437.9	438.8	438.6	437.5	435.4	432.3
67.5°	506.1	507.3	511.9	516.0	511.9	507.3	506.1	503.8	500.5	497.5	494.4
65°	577.3	577.5	581.8	586.0	581.8	577.5	577.3	575.4	571.7	568.1	564.1
62.5°	652.7	653.4	658.0	662.5	658.0	653.4	652.7	650.2	646.0	642.5	638.5
60°	722.9	723.6	725.4	726.2	725.4	723.6	722.9	720.4	716.2	711.5	706.5
57.5°	770.1	769.4	770.1	770.7	770.1	769.4	770.1	769.6	767.8	765.6	761.8
55°	816.7	814.6	812.2	809.0	812.2	814.6	816.7	817.0	815.4	812.8	808.6
52.5°	869.5	866.1	863.1	859.9	863.1	866.1	869.5	870.7	869.2	864.8	858.5
50°	926.3	923.3	920.4	917.3	920.4	923.3	926.3	927.3	925.8	921.1	913.6
47.5°	1002.0	1003.3	1002.7	1000.1	1002.7	1003.3	1002.0	998.0	992.3	984.3	973.4
45°	1093.9	1097.6	1098.0	1095.6	1098.0	1097.6	1093.9	1086.2	1075.2	1061.5	1045.7
42.5°	1213.8	1221.8	1226.3	1229.4	1226.3	1221.8	1213.8	1199.8	1180.0	1154.7	1128.8
40°	1383.8	1400.2	1410.7	1420.5	1410.7	1400.2	1383.8	1357.9	1322.3	1279.4	1239.6
37.5°	1627.5	1657.4	1670.7	1662.5	1670.7	1657.4	1627.5	1582.7	1522.3	1447.0	1389.1
35°	2013.3	2070.1	2099.6	2102.0	2099.6	2070.1	2013.3	1928.3	1817.8	1698.2	1604.0
32.5°	2685.3	2801.5	2864.0	2872.8	2864.0	2801.5	2685.3	2517.7	2290.9	2083.3	1922.4
30°	3977.6	4214.7	4326.0	4299.6	4326.0	4214.7	3977.6	3610.6	3131.2	2775.1	2430.9
27.5°	6489.6	7080.8	7431.1	7459.0	7431.1	7080.8	6489.6	5667.8	4610.8	4017.4	3267.7
25°	10430.2	11439.5	12085.8	12096.2	12085.8	11439.5	10430.2	9072.0	7538.6	6204.2	4704.2
22.5°	15475.5	16853.2	17608.1	17739.9	17608.1	16853.2	15475.5	13620.5	11614.4	9419.6	7195.9
20°	21320.7	23153.4	24134.0	24135.2	24134.0	23153.4	21320.7	18859.8	16325.0	13317.1	10364.9
17.5°	28519.2	31495.2	33363.4	34167.6	33363.4	31495.2	28519.2	24938.1	21604.1	17765.9	13909.0
15°	38082.7	43083.7	46080.5	46620.5	46080.5	43083.7	38082.7	32884.2	27485.6	22504.4	17654.1
12.5°	49727.3	56056.2	60310.5	61869.8	60310.5	56056.2	49727.3	42426.7	34010.3	27396.5	21473.7
10°	61885.2	67749.4	72307.0	73838.7	72307.0	67749.4	61885.2	52625.0	42472.8	32533.9	24851.6
7.5°	70668.3	77661.1	82795.1	85049.5	82795.1	77661.1	70668.3	61469.2	49869.7	38034.7	28450.4
5°	77601.7	85875.9	90655.0	92776.1	90655.0	85875.9	77601.7	67768.3	55924.3	42671.3	31103.3
2.5°	82151.0	90326.6	95387.4	97343.2	95387.4	90326.6	82151.0	71770.2	59778.6	45513.1	32789.3
0°	83852.0	91846.1	96846.4	99235.1	96846.4	91846.1	83852.0	72768.6	60825.2	46187.4	33352.3
-2.5°	82151.0	90326.6	95387.4	97343.2	95387.4	90326.6	82151.0	71770.2	59778.6	45513.1	32789.3
-5°	77601.7	85875.9	90655.0	92776.1	90655.0	85875.9	77601.7	67768.3	55924.3	42671.3	31103.3
-7.5°	70668.3	77661.1	82795.1	85049.5	82795.1	77661.1	70668.3	61469.2	49869.7	38034.7	28450.4
-10°	61885.2	67749.4	72307.0	73838.7	72307.0	67749.4	61885.2	52625.0	42472.8	32533.9	24851.6
-12.5°	49727.3	56056.2	60310.5	61869.8	60310.5	56056.2	49727.3	42426.7	34010.3	27396.5	21473.7
-15°	38082.7	43083.7	46080.5	46620.5	46080.5	43083.7	38082.7	32884.2	27485.6	22504.4	17654.1
-17.5°	28519.2	31495.2	33363.4	34167.6	33363.4	31495.2	28519.2	24938.1	21604.1	17765.9	13909.0
-20°	21320.7	23153.4	24134.0	24135.2	24134.0	23153.4	21320.7	18859.8	16325.0	13317.1	10364.9



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	15475.5	16853.2	17608.1	17739.9	17608.1	16853.2	15475.5	13620.5	11614.4	9419.6	7195.9
-25°	10430.2	11439.5	12085.8	12096.2	12085.8	11439.5	10430.2	9072.0	7538.6	6204.2	4704.2
-27.5°	6489.6	7080.8	7431.1	7459.0	7431.1	7080.8	6489.6	5667.8	4610.8	4017.4	3267.7
-30°	3977.6	4214.7	4326.0	4299.6	4326.0	4214.7	3977.6	3610.6	3131.2	2775.1	2430.9
-32.5°	2685.3	2801.5	2864.0	2872.8	2864.0	2801.5	2685.3	2517.7	2290.9	2083.3	1922.4
-35°	2013.3	2070.1	2099.6	2102.0	2099.6	2070.1	2013.3	1928.3	1817.8	1698.2	1604.0
-37.5°	1627.5	1657.4	1670.7	1662.5	1670.7	1657.4	1627.5	1582.7	1522.3	1447.0	1389.1
-40°	1383.8	1400.2	1410.7	1420.5	1410.7	1400.2	1383.8	1357.9	1322.3	1279.4	1239.6
-42.5°	1213.8	1221.8	1226.3	1229.4	1226.3	1221.8	1213.8	1199.8	1180.0	1154.7	1128.8
-45°	1093.9	1097.6	1098.0	1095.6	1098.0	1097.6	1093.9	1086.2	1075.2	1061.5	1045.7
-47.5°	1002.0	1003.3	1002.7	1000.1	1002.7	1003.3	1002.0	998.0	992.3	984.3	973.4
-50°	926.3	923.3	920.4	917.3	920.4	923.3	926.3	927.3	925.8	921.1	913.6
-52.5°	869.5	866.1	863.1	859.9	863.1	866.1	869.5	870.7	869.2	864.8	858.5
-55°	816.7	814.6	812.2	809.0	812.2	814.6	816.7	817.0	815.4	812.8	808.6
-57.5°	770.1	769.4	770.1	770.7	770.1	769.4	770.1	769.6	767.8	765.6	761.8
-60°	722.9	723.6	725.4	726.2	725.4	723.6	722.9	720.4	716.2	711.5	706.5
-62.5°	652.7	653.4	658.0	662.5	658.0	653.4	652.7	650.2	646.0	642.5	638.5
-65°	577.3	577.5	581.8	586.0	581.8	577.5	577.3	575.4	571.7	568.1	564.1
-67.5°	506.1	507.3	511.9	516.0	511.9	507.3	506.1	503.8	500.5	497.5	494.4
-70°	438.8	437.9	442.0	445.9	442.0	437.9	438.8	438.6	437.5	435.4	432.3
-72.5°	375.4	374.4	375.4	375.8	375.4	374.4	375.4	375.4	374.4	372.2	369.4
-75°	310.5	310.7	311.7	312.1	311.7	310.7	310.5	309.6	307.9	305.8	303.8
-77.5°	247.3	247.2	248.1	248.4	248.1	247.2	247.3	246.8	245.7	244.0	241.3
-80°	184.3	183.9	184.5	184.7	184.5	183.9	184.3	184.3	183.7	182.4	179.5
-82.5°	125.9	126.7	127.2	127.4	127.2	126.7	125.9	124.8	123.3	121.6	121.1
-85°	69.3	69.8	70.0	70.1	70.0	69.8	69.3	68.7	68.0	67.1	67.4
-87.5°	25.3	25.4	25.5	25.5	25.5	25.4	25.3	25.1	24.9	24.6	24.3
-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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	24.0	23.6	23.1	22.6	22.1	21.5	20.9	20.2	19.5	18.8	18.0
85°	67.5	67.3	66.8	64.9	62.7	60.4	58.0	55.3	52.5	49.6	46.5
82.5°	120.3	119.1	117.5	113.1	108.6	104.1	99.6	95.7	91.5	87.1	82.4
80°	176.4	173.1	169.4	164.1	158.3	151.7	144.7	138.1	131.1	124.5	118.3
77.5°	237.7	233.3	227.9	221.1	213.6	205.6	197.0	188.2	179.5	170.3	160.6
75°	300.8	296.8	291.1	282.8	273.9	264.2	253.4	241.3	229.2	217.0	205.1
72.5°	365.6	360.9	354.3	344.8	334.0	322.6	310.2	296.5	281.4	264.9	249.9
70°	428.2	423.2	416.8	408.3	397.5	384.8	370.1	354.0	337.0	319.2	301.0
67.5°	489.8	483.5	476.8	469.1	459.6	447.8	432.0	413.4	393.8	373.7	352.6
65°	558.2	550.2	541.4	533.3	523.3	511.1	495.1	477.1	455.7	430.9	404.3
62.5°	632.9	625.6	613.1	599.8	586.7	572.6	554.4	534.9	515.1	492.2	460.5
60°	701.3	694.6	678.3	662.1	646.2	629.0	608.4	587.6	566.9	541.8	512.8
57.5°	756.0	745.5	730.3	714.7	699.0	678.1	656.3	635.6	612.9	588.7	561.7
55°	802.9	791.2	775.6	758.8	740.7	719.8	698.0	674.8	652.9	633.0	605.3
52.5°	850.7	836.1	819.2	801.0	781.0	758.7	735.3	710.9	689.7	669.0	645.8
50°	902.8	884.2	864.0	842.8	821.4	797.3	771.9	746.0	725.6	704.2	680.8
47.5°	958.7	936.7	912.7	888.7	863.8	837.7	810.2	782.4	759.9	737.8	713.7
45°	1024.3	996.4	965.5	937.9	908.4	879.6	850.1	821.2	793.1	768.2	745.0
42.5°	1100.4	1067.2	1032.1	994.4	956.5	923.3	890.1	859.1	827.7	797.9	771.0
40°	1196.2	1147.8	1106.9	1060.4	1015.5	970.1	933.8	896.4	862.2	828.3	797.4
37.5°	1322.5	1254.9	1196.2	1135.7	1081.9	1028.1	981.4	939.0	896.4	860.0	825.3
35°	1492.9	1398.3	1306.3	1228.2	1156.0	1092.6	1033.4	983.6	936.6	892.0	853.2
32.5°	1734.2	1595.5	1447.7	1342.4	1243.1	1160.9	1091.2	1029.3	975.6	926.5	882.0
30°	2112.7	1868.1	1658.2	1480.1	1351.9	1240.0	1150.1	1077.3	1014.2	959.8	910.3
27.5°	2729.6	2231.2	1940.7	1674.3	1476.3	1336.6	1219.8	1125.0	1051.8	992.2	938.1
25°	3730.0	2888.8	2301.0	1932.8	1645.9	1439.5	1294.9	1182.0	1092.5	1021.5	957.9
22.5°	5195.5	3882.3	2871.0	2229.3	1853.5	1580.2	1383.8	1238.2	1128.9	1046.6	977.4
20°	7506.4	5163.6	3701.3	2709.4	2097.3	1715.2	1478.1	1304.1	1173.4	1073.7	994.7
17.5°	10274.3	7145.1	4641.5	3226.4	2413.4	1910.1	1588.0	1367.4	1212.6	1098.1	1009.3
15°	13063.7	9217.7	6086.2	3975.9	2758.2	2080.5	1682.6	1422.1	1251.1	1124.9	1027.6
12.5°	16144.0	11438.2	7368.0	4595.6	3113.5	2285.9	1803.1	1495.8	1293.1	1151.6	1045.3
10°	18804.9	13512.4	8908.8	5588.6	3580.8	2501.3	1913.8	1558.9	1328.2	1173.3	1059.1
7.5°	21200.7	15284.4	10201.0	6363.3	3943.3	2672.0	2002.4	1609.2	1354.5	1189.1	1068.9
5°	22900.9	16638.5	11240.4	6948.7	4202.6	2790.4	2064.1	1644.8	1371.9	1199.0	1074.6
2.5°	23961.7	17453.5	11918.3	7296.3	4329.5	2855.2	2102.8	1665.0	1386.6	1210.0	1077.7
0°	24058.7	17395.9	12013.4	7465.4	4248.7	2866.4	2121.1	1668.9	1395.0	1216.6	1076.5
-2.5°	23961.7	17453.5	11918.3	7296.3	4329.5	2855.2	2102.8	1665.0	1386.6	1210.0	1077.7
-5°	22900.9	16638.5	11240.4	6948.7	4202.6	2790.4	2064.1	1644.8	1371.9	1199.0	1074.6
-7.5°	21200.7	15284.4	10201.0	6363.3	3943.3	2672.0	2002.4	1609.2	1354.5	1189.1	1068.9
-10°	18804.9	13512.4	8908.8	5588.6	3580.8	2501.3	1913.8	1558.9	1328.2	1173.3	1059.1
-12.5°	16144.0	11438.2	7368.0	4595.6	3113.5	2285.9	1803.1	1495.8	1293.1	1151.6	1045.3
-15°	13063.7	9217.7	6086.2	3975.9	2758.2	2080.5	1682.6	1422.1	1251.1	1124.9	1027.6
-17.5°	10274.3	7145.1	4641.5	3226.4	2413.4	1910.1	1588.0	1367.4	1212.6	1098.1	1009.3
-20°	7506.4	5163.6	3701.3	2709.4	2097.3	1715.2	1478.1	1304.1	1173.4	1073.7	994.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5195.5	3882.3	2871.0	2229.3	1853.5	1580.2	1383.8	1238.2	1128.9	1046.6	977.4
-25°	3730.0	2888.8	2301.0	1932.8	1645.9	1439.5	1294.9	1182.0	1092.5	1021.5	957.9
-27.5°	2729.6	2231.2	1940.7	1674.3	1476.3	1336.6	1219.8	1125.0	1051.8	992.2	938.1
-30°	2112.7	1868.1	1658.2	1480.1	1351.9	1240.0	1150.1	1077.3	1014.2	959.8	910.3
-32.5°	1734.2	1595.5	1447.7	1342.4	1243.1	1160.9	1091.2	1029.3	975.6	926.5	882.0
-35°	1492.9	1398.3	1306.3	1228.2	1156.0	1092.6	1033.4	983.6	936.6	892.0	853.2
-37.5°	1322.5	1254.9	1196.2	1135.7	1081.9	1028.1	981.4	939.0	896.4	860.0	825.3
-40°	1196.2	1147.8	1106.9	1060.4	1015.5	970.1	933.8	896.4	862.2	828.3	797.4
-42.5°	1100.4	1067.2	1032.1	994.4	956.5	923.3	890.1	859.1	827.7	797.9	771.0
-45°	1024.3	996.4	965.5	937.9	908.4	879.6	850.1	821.2	793.1	768.2	745.0
-47.5°	958.7	936.7	912.7	888.7	863.8	837.7	810.2	782.4	759.9	737.8	713.7
-50°	902.8	884.2	864.0	842.8	821.4	797.3	771.9	746.0	725.6	704.2	680.8
-52.5°	850.7	836.1	819.2	801.0	781.0	758.7	735.3	710.9	689.7	669.0	645.8
-55°	802.9	791.2	775.6	758.8	740.7	719.8	698.0	674.8	652.9	633.0	605.3
-57.5°	756.0	745.5	730.3	714.7	699.0	678.1	656.3	635.6	612.9	588.7	561.7
-60°	701.3	694.6	678.3	662.1	646.2	629.0	608.4	587.6	566.9	541.8	512.8
-62.5°	632.9	625.6	613.1	599.8	586.7	572.6	554.4	534.9	515.1	492.2	460.5
-65°	558.2	550.2	541.4	533.3	523.3	511.1	495.1	477.1	455.7	430.9	404.3
-67.5°	489.8	483.5	476.8	469.1	459.6	447.8	432.0	413.4	393.8	373.7	352.6
-70°	428.2	423.2	416.8	408.3	397.5	384.8	370.1	354.0	337.0	319.2	301.0
-72.5°	365.6	360.9	354.3	344.8	334.0	322.6	310.2	296.5	281.4	264.9	249.9
-75°	300.8	296.8	291.1	282.8	273.9	264.2	253.4	241.3	229.2	217.0	205.1
-77.5°	237.7	233.3	227.9	221.1	213.6	205.6	197.0	188.2	179.5	170.3	160.6
-80°	176.4	173.1	169.4	164.1	158.3	151.7	144.7	138.1	131.1	124.5	118.3
-82.5°	120.3	119.1	117.5	113.1	108.6	104.1	99.6	95.7	91.5	87.1	82.4
-85°	67.5	67.3	66.8	64.9	62.7	60.4	58.0	55.3	52.5	49.6	46.5
-87.5°	24.0	23.6	23.1	22.6	22.1	21.5	20.9	20.2	19.5	18.8	18.0
-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: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-735-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°	17.2	16.4	15.5	14.6	13.7	12.7	11.8	10.8	9.8	8.7	7.7
85°	43.3	40.0	36.5	32.9	29.2	25.5	23.5	21.5	19.5	17.4	15.3
82.5°	77.6	72.6	67.4	62.0	56.5	50.8	45.0	39.0	32.6	26.6	22.9
80°	111.8	105.1	98.2	91.1	83.9	76.0	68.2	60.1	51.2	42.7	34.6
77.5°	150.5	140.1	129.2	120.2	112.0	102.9	92.9	81.8	69.6	58.6	48.1
75°	193.0	180.3	167.3	154.4	142.2	129.7	118.4	105.3	90.1	74.7	61.5
72.5°	236.7	222.1	206.3	190.2	175.6	160.6	145.2	128.6	111.1	93.4	75.5
70°	282.9	264.9	247.3	229.0	210.2	191.4	173.5	153.6	131.9	111.9	91.8
67.5°	330.7	309.4	288.3	267.6	246.3	224.4	202.0	178.8	154.7	130.2	107.7
65°	379.8	354.5	328.8	305.7	281.9	257.4	232.4	204.1	177.0	150.1	123.4
62.5°	429.8	400.5	372.0	343.9	316.9	290.0	261.9	230.2	199.2	169.7	140.1
60°	480.1	446.5	414.3	383.0	352.1	322.0	290.4	255.5	221.6	188.8	156.8
57.5°	528.3	491.2	454.7	420.4	386.9	353.5	318.1	280.5	243.4	207.7	173.2
55°	575.1	537.2	494.3	455.4	419.7	384.2	345.0	305.2	264.6	226.1	189.0
52.5°	616.5	578.7	534.2	489.7	449.7	412.6	370.6	329.1	286.1	243.8	204.4
50°	653.9	615.6	570.9	523.9	478.5	437.3	395.1	351.2	306.9	261.1	219.4
47.5°	686.2	649.5	605.4	556.3	507.7	461.1	417.3	372.1	326.9	278.9	233.7
45°	715.4	682.1	638.4	588.0	534.7	485.3	438.2	391.9	344.7	296.2	247.6
42.5°	742.7	710.4	670.4	619.0	562.3	508.5	458.2	410.0	361.3	312.4	261.3
40°	767.4	735.1	700.4	648.0	588.4	530.2	477.8	427.2	376.9	327.4	274.7
37.5°	791.9	758.4	722.4	675.0	612.8	552.5	496.2	443.5	392.0	340.7	287.3
35°	816.9	781.1	741.8	696.3	636.2	572.9	513.0	458.7	406.1	353.2	299.0
32.5°	841.0	801.4	759.6	714.3	658.0	591.5	529.4	473.6	419.3	364.9	309.8
30°	864.7	818.2	775.3	732.7	677.0	609.7	545.5	487.3	431.6	375.7	319.6
27.5°	882.6	832.8	789.2	747.0	692.9	626.5	561.1	500.0	443.0	385.7	328.3
25°	898.8	846.8	801.1	758.5	708.6	643.9	575.4	511.7	453.3	394.8	336.2
22.5°	915.0	859.1	811.1	768.2	723.4	659.6	589.0	523.3	462.6	403.0	343.3
20°	929.0	868.9	819.2	777.2	733.3	671.8	601.6	533.6	470.8	410.3	349.6
17.5°	940.9	878.9	827.9	784.5	740.2	682.1	612.7	542.6	478.0	416.6	355.1
15°	953.1	889.3	835.2	790.1	746.1	690.5	622.2	550.3	484.1	421.9	360.1
12.5°	963.5	897.0	840.9	794.2	751.1	697.1	630.0	556.6	489.1	426.9	364.9
10°	971.6	902.0	845.0	796.7	755.0	701.9	636.1	562.4	495.0	431.4	368.8
7.5°	977.3	904.6	847.3	797.8	757.8	706.2	642.1	568.8	500.3	435.0	371.9
5°	981.2	905.7	848.8	800.2	759.4	710.2	646.4	573.9	504.5	437.5	374.0
2.5°	985.7	906.1	848.9	802.0	759.4	712.6	648.9	577.5	507.7	439.0	375.4
0°	987.3	904.5	847.2	802.6	758.0	713.4	649.7	579.7	509.6	439.5	375.8
-2.5°	985.7	906.1	848.9	802.0	759.4	712.6	648.9	577.5	507.7	439.0	375.4
-5°	981.2	905.7	848.8	800.2	759.4	710.2	646.4	573.9	504.5	437.5	374.0
-7.5°	977.3	904.6	847.3	797.8	757.8	706.2	642.1	568.8	500.3	435.0	371.9
-10°	971.6	902.0	845.0	796.7	755.0	701.9	636.1	562.4	495.0	431.4	368.8
-12.5°	963.5	897.0	840.9	794.2	751.1	697.1	630.0	556.6	489.1	426.9	364.9
-15°	953.1	889.3	835.2	790.1	746.1	690.5	622.2	550.3	484.1	421.9	360.1
-17.5°	940.9	878.9	827.9	784.5	740.2	682.1	612.7	542.6	478.0	416.6	355.1
-20°	929.0	868.9	819.2	777.2	733.3	671.8	601.6	533.6	470.8	410.3	349.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	915.0	859.1	811.1	768.2	723.4	659.6	589.0	523.3	462.6	403.0	343.3
-25°	898.8	846.8	801.1	758.5	708.6	643.9	575.4	511.7	453.3	394.8	336.2
-27.5°	882.6	832.8	789.2	747.0	692.9	626.5	561.1	500.0	443.0	385.7	328.3
-30°	864.7	818.2	775.3	732.7	677.0	609.7	545.5	487.3	431.6	375.7	319.6
-32.5°	841.0	801.4	759.6	714.3	658.0	591.5	529.4	473.6	419.3	364.9	309.8
-35°	816.9	781.1	741.8	696.3	636.2	572.9	513.0	458.7	406.1	353.2	299.0
-37.5°	791.9	758.4	722.4	675.0	612.8	552.5	496.2	443.5	392.0	340.7	287.3
-40°	767.4	735.1	700.4	648.0	588.4	530.2	477.8	427.2	376.9	327.4	274.7
-42.5°	742.7	710.4	670.4	619.0	562.3	508.5	458.2	410.0	361.3	312.4	261.3
-45°	715.4	682.1	638.4	588.0	534.7	485.3	438.2	391.9	344.7	296.2	247.6
-47.5°	686.2	649.5	605.4	556.3	507.7	461.1	417.3	372.1	326.9	278.9	233.7
-50°	653.9	615.6	570.9	523.9	478.5	437.3	395.1	351.2	306.9	261.1	219.4
-52.5°	616.5	578.7	534.2	489.7	449.7	412.6	370.6	329.1	286.1	243.8	204.4
-55°	575.1	537.2	494.3	455.4	419.7	384.2	345.0	305.2	264.6	226.1	189.0
-57.5°	528.3	491.2	454.7	420.4	386.9	353.5	318.1	280.5	243.4	207.7	173.2
-60°	480.1	446.5	414.3	383.0	352.1	322.0	290.4	255.5	221.6	188.8	156.8
-62.5°	429.8	400.5	372.0	343.9	316.9	290.0	261.9	230.2	199.2	169.7	140.1
-65°	379.8	354.5	328.8	305.7	281.9	257.4	232.4	204.1	177.0	150.1	123.4
-67.5°	330.7	309.4	288.3	267.6	246.3	224.4	202.0	178.8	154.7	130.2	107.7
-70°	282.9	264.9	247.3	229.0	210.2	191.4	173.5	153.6	131.9	111.9	91.8
-72.5°	236.7	222.1	206.3	190.2	175.6	160.6	145.2	128.6	111.1	93.4	75.5
-75°	193.0	180.3	167.3	154.4	142.2	129.7	118.4	105.3	90.1	74.7	61.5
-77.5°	150.5	140.1	129.2	120.2	112.0	102.9	92.9	81.8	69.6	58.6	48.1
-80°	111.8	105.1	98.2	91.1	83.9	76.0	68.2	60.1	51.2	42.7	34.6
-82.5°	77.6	72.6	67.4	62.0	56.5	50.8	45.0	39.0	32.6	26.6	22.9
-85°	43.3	40.0	36.5	32.9	29.2	25.5	23.5	21.5	19.5	17.4	15.3
-87.5°	17.2	16.4	15.5	14.6	13.7	12.7	11.8	10.8	9.8	8.7	7.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
85°	13.2	11.0	8.8	6.6	4.4	2.2	0.0
82.5°	19.7	16.5	13.2	10.0	6.6	3.3	0.0
80°	26.9	22.0	17.6	13.2	8.8	4.4	0.0
77.5°	38.2	28.8	22.0	16.5	11.0	5.5	0.0
75°	49.4	38.2	26.9	19.7	13.2	6.6	0.0
72.5°	60.5	47.5	34.3	22.9	15.3	7.7	0.0
70°	71.9	56.6	41.6	26.5	17.4	8.7	0.0
67.5°	85.8	65.7	48.9	32.0	19.5	9.8	0.0
65°	99.4	75.8	56.0	37.3	21.5	10.8	0.0
62.5°	112.8	87.0	62.9	42.5	23.5	11.8	0.0
60°	125.9	97.9	69.8	47.7	25.5	12.7	0.0
57.5°	139.7	108.6	78.2	52.6	28.8	13.7	0.0
55°	153.1	119.0	86.5	57.5	32.0	14.6	0.0
52.5°	166.1	129.1	94.6	62.2	35.2	15.5	0.0
50°	178.5	139.4	102.4	66.8	38.2	16.4	0.0
47.5°	190.4	149.2	109.9	71.5	41.1	17.2	0.0
45°	202.3	158.6	117.2	76.9	43.9	18.0	0.0
42.5°	213.6	167.5	124.1	82.1	46.6	18.8	0.0
40°	224.3	175.9	130.8	87.0	49.2	19.5	0.0
37.5°	234.5	183.8	137.1	91.5	51.6	20.2	0.0
35°	244.2	191.5	143.1	95.8	53.9	20.9	0.0
32.5°	253.3	199.0	148.6	99.7	56.1	21.5	0.0
30°	261.9	206.0	153.8	103.3	58.1	22.1	0.0
27.5°	269.8	212.5	158.4	106.6	60.0	22.6	0.0
25°	276.9	218.4	162.7	109.5	61.7	23.1	0.0
22.5°	283.2	223.7	166.6	112.2	63.3	23.6	0.0
20°	288.8	228.3	170.3	114.4	64.7	24.0	0.0
17.5°	293.9	232.3	173.5	116.4	66.0	24.3	0.0
15°	298.5	235.6	176.4	118.0	67.1	24.6	0.0
12.5°	302.5	238.2	178.9	119.3	68.0	24.9	0.0
10°	305.9	240.2	180.9	120.3	68.7	25.1	0.0
7.5°	308.6	241.6	182.6	120.9	69.3	25.3	0.0
5°	310.5	242.4	183.7	121.2	69.8	25.4	0.0
2.5°	311.7	242.5	184.5	121.3	70.0	25.5	0.0
0°	312.1	242.1	184.7	121.0	70.1	25.5	0.0
-2.5°	311.7	242.5	184.5	121.3	70.0	25.5	0.0
-5°	310.5	242.4	183.7	121.2	69.8	25.4	0.0
-7.5°	308.6	241.6	182.6	120.9	69.3	25.3	0.0
-10°	305.9	240.2	180.9	120.3	68.7	25.1	0.0
-12.5°	302.5	238.2	178.9	119.3	68.0	24.9	0.0
-15°	298.5	235.6	176.4	118.0	67.1	24.6	0.0
-17.5°	293.9	232.3	173.5	116.4	66.0	24.3	0.0
-20°	288.8	228.3	170.3	114.4	64.7	24.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627635 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	283.2	223.7	166.6	112.2	63.3	23.6	0.0
-25°	276.9	218.4	162.7	109.5	61.7	23.1	0.0
-27.5°	269.8	212.5	158.4	106.6	60.0	22.6	0.0
-30°	261.9	206.0	153.8	103.3	58.1	22.1	0.0
-32.5°	253.3	199.0	148.6	99.7	56.1	21.5	0.0
-35°	244.2	191.5	143.1	95.8	53.9	20.9	0.0
-37.5°	234.5	183.8	137.1	91.5	51.6	20.2	0.0
-40°	224.3	175.9	130.8	87.0	49.2	19.5	0.0
-42.5°	213.6	167.5	124.1	82.1	46.6	18.8	0.0
-45°	202.3	158.6	117.2	76.9	43.9	18.0	0.0
-47.5°	190.4	149.2	109.9	71.5	41.1	17.2	0.0
-50°	178.5	139.4	102.4	66.8	38.2	16.4	0.0
-52.5°	166.1	129.1	94.6	62.2	35.2	15.5	0.0
-55°	153.1	119.0	86.5	57.5	32.0	14.6	0.0
-57.5°	139.7	108.6	78.2	52.6	28.8	13.7	0.0
-60°	125.9	97.9	69.8	47.7	25.5	12.7	0.0
-62.5°	112.8	87.0	62.9	42.5	23.5	11.8	0.0
-65°	99.4	75.8	56.0	37.3	21.5	10.8	0.0
-67.5°	85.8	65.7	48.9	32.0	19.5	9.8	0.0
-70°	71.9	56.6	41.6	26.5	17.4	8.7	0.0
-72.5°	60.5	47.5	34.3	22.9	15.3	7.7	0.0
-75°	49.4	38.2	26.9	19.7	13.2	6.6	0.0
-77.5°	38.2	28.8	22.0	16.5	11.0	5.5	0.0
-80°	26.9	22.0	17.6	13.2	8.8	4.4	0.0
-82.5°	19.7	16.5	13.2	10.0	6.6	3.3	0.0
-85°	13.2	11.0	8.8	6.6	4.4	2.2	0.0
-87.5°	6.6	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)