

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: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2E-735-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N50  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

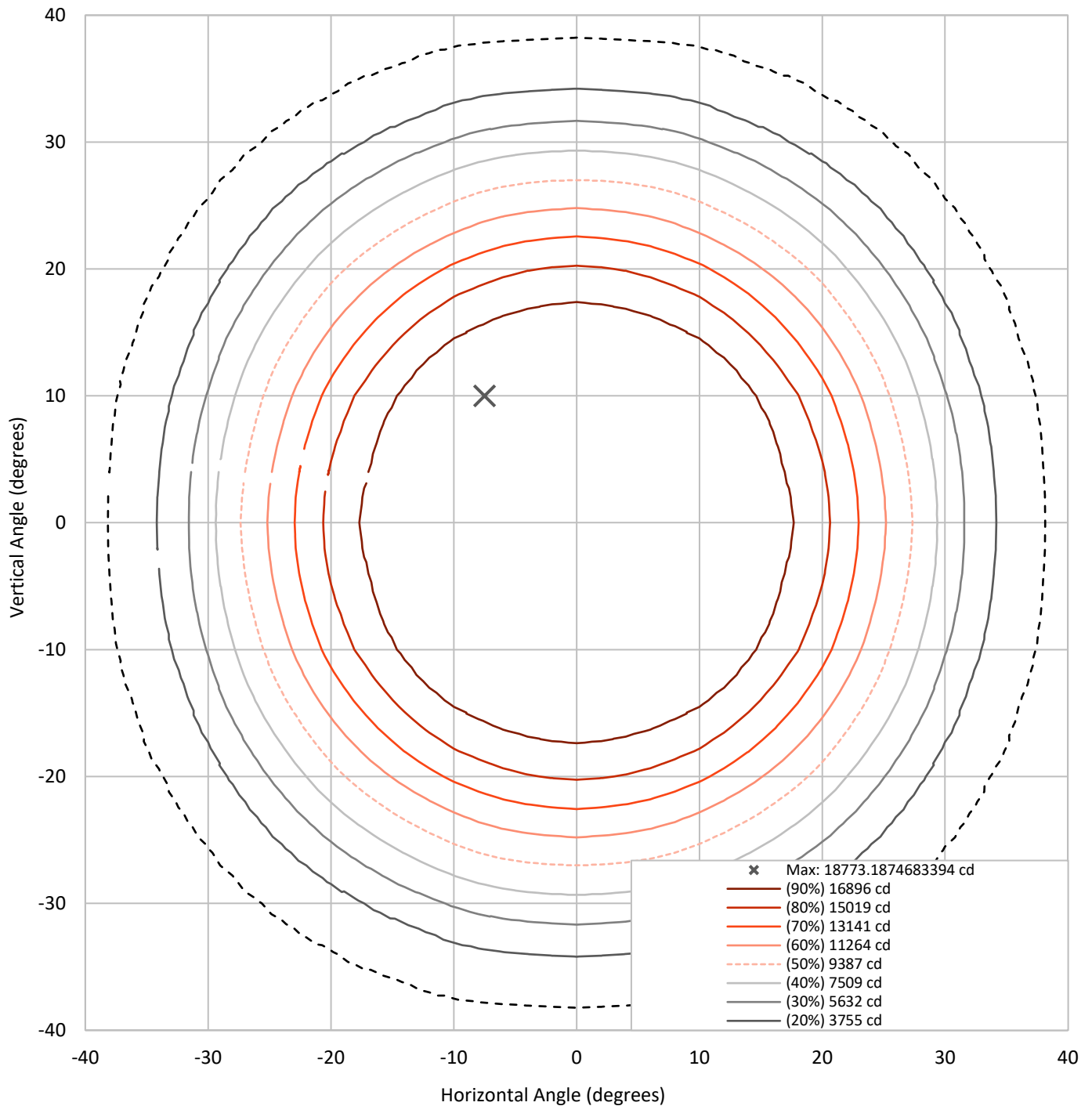
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15977.8 lumens	Max Intensity:	18773.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	127.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	10605.1 lumens	Field Lumens:	13789.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	125.7		
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





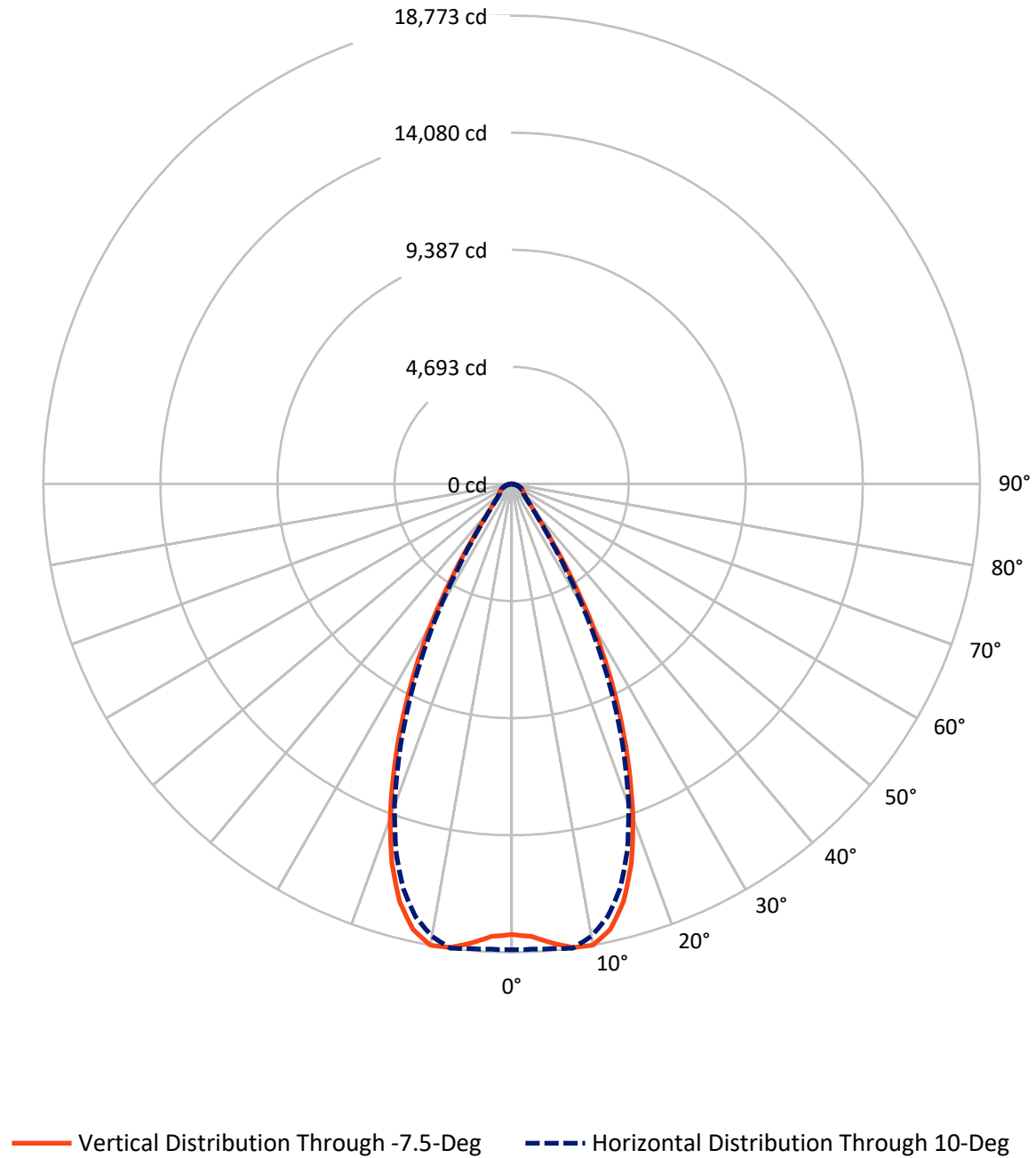
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### Lumen Table

90																			
80	0.4	3.7		10.0		15.9		17.7		15.9		10.0		3.7		0.4			
70																			
60	1.7	1.9	3.9	6.4	9.0	10.9	12.3	13.0	13.0	12.3	10.9	9.0	6.4	3.9	1.9	1.7			
50		2.9	5.8	9.2	12.3	14.9	16.7	17.4	17.4	16.7	14.9	12.3	9.2	5.8	2.9				
40	3.0	3.7	7.3	11.2	15.0	19.5	24.5	28.2	28.2	24.5	19.5	15.0	11.2	7.3	3.7	3.0			
30		4.4	8.5	12.9	19.9	36.3	69.5	103.0	103.0	69.5	36.3	19.9	12.9	8.5	4.4				
20	3.9	4.9	9.2	15.0	32.7	102.6	230.1	321.3	321.3	230.1	102.6	32.7	15.0	9.2	4.9	3.9			
10		5.3	9.7	17.8	59.2	218.7	417.6	522.6	522.6	417.6	218.7	59.2	17.8	9.7	5.3				
0	4.2	5.4	10.0	20.1	85.2	299.2	506.6	551.2	551.2	506.6	299.2	85.2	20.1	10.0	5.4	4.2			
-10		5.4	10.0	20.1	85.2	299.2	506.6	551.2	551.2	506.6	299.2	85.2	20.1	10.0	5.4				
-20	3.9	5.3	9.7	17.8	59.2	218.7	417.6	522.6	522.6	417.6	218.7	59.2	17.8	9.7	5.3	3.9			
-30		4.9	9.2	15.0	32.7	102.6	230.1	321.3	321.3	230.1	102.6	32.7	15.0	9.2	4.9				
-40	3.0	4.4	8.5	12.9	19.9	36.3	69.5	103.0	103.0	69.5	36.3	19.9	12.9	8.5	4.4	3.0			
-50		3.7	7.3	11.2	15.0	19.5	24.5	28.2	28.2	24.5	19.5	15.0	11.2	7.3	3.7				
-60	1.7	2.9	5.8	9.2	12.3	14.9	16.7	17.4	17.4	16.7	14.9	12.3	9.2	5.8	2.9	1.7			
-70		1.9	3.9	6.4	9.0	10.9	12.3	13.0	13.0	12.3	10.9	9.0	6.4	3.9	1.9				
-80																			
-90	0.4	3.7		10.0		15.9		17.7		15.9		10.0		3.7		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

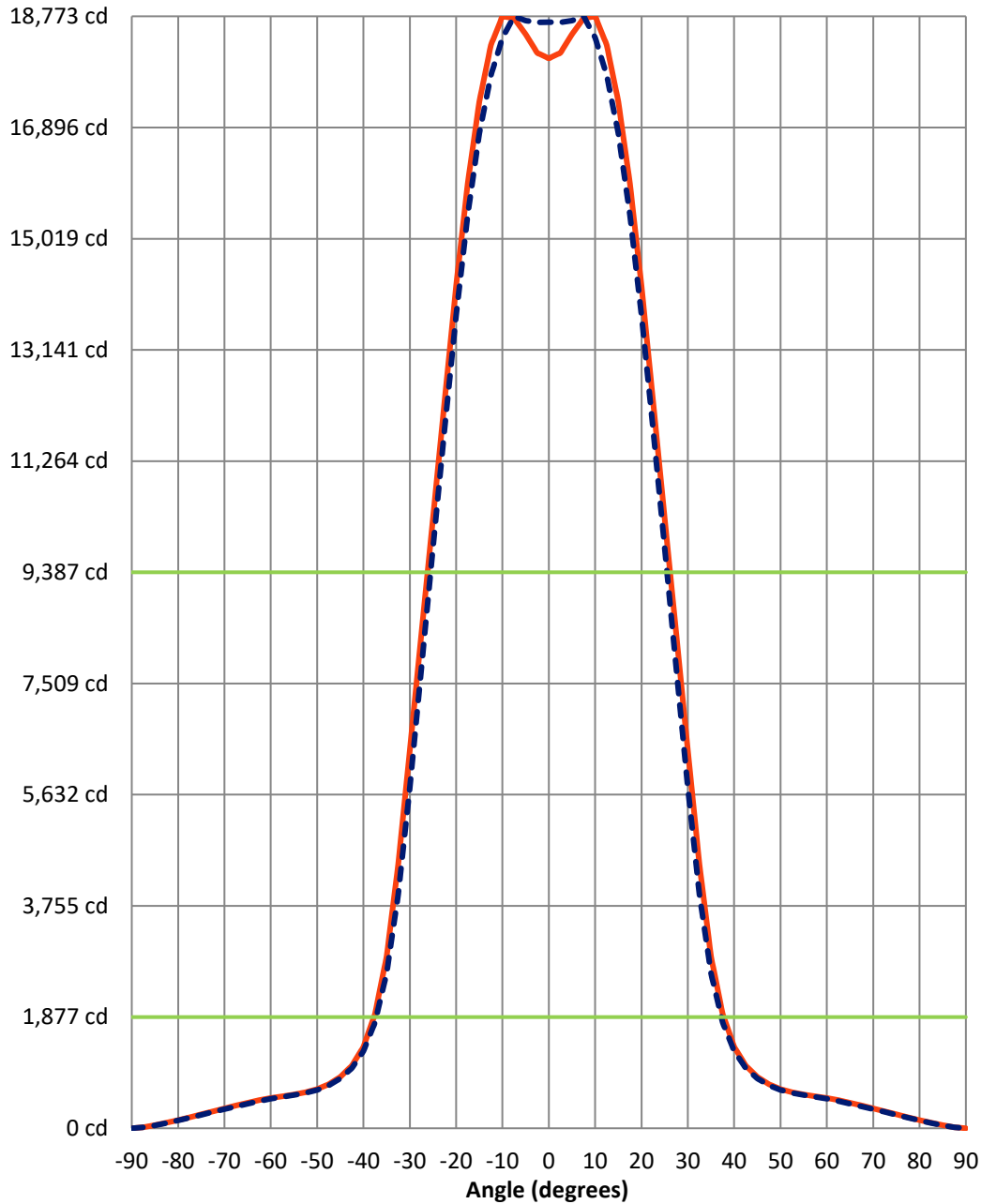
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 10605.1  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 13789.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2188.1  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	0.7	1.4	2.1	2.8	3.5	4.2	5.2	6.2	7.2	8.3
85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	10.3	12.3	14.4	16.6
82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	15.5	18.8	23.7	28.4
80°	0.0	2.8	5.7	8.5	11.3	14.1	17.5	24.1	30.5	36.5	42.1
77.5°	0.0	3.5	7.1	10.6	14.1	19.1	26.7	34.6	42.1	49.2	56.8
75°	0.0	4.2	8.5	12.7	17.5	26.7	35.8	45.0	53.9	64.3	74.5
72.5°	0.0	4.9	9.9	14.8	23.5	34.2	44.8	55.8	68.0	80.1	91.9
70°	0.0	5.6	11.2	17.2	29.5	41.7	53.9	68.0	81.9	95.7	110.1
67.5°	0.0	6.3	12.5	21.7	35.4	49.0	64.2	80.1	95.7	111.8	128.1
65°	0.0	6.9	13.8	26.0	41.1	56.7	74.2	91.9	109.5	127.5	146.6
62.5°	0.0	7.6	15.1	30.2	46.8	64.8	84.0	103.6	123.0	143.3	166.4
60°	0.0	8.2	16.4	34.4	52.3	72.7	93.6	114.9	136.2	160.5	185.6
57.5°	0.0	8.8	19.0	38.4	58.3	80.3	103.1	126.0	150.5	177.2	203.8
55°	0.0	9.4	21.6	42.4	64.2	87.7	112.5	136.8	164.7	193.3	221.3
52.5°	0.0	10.0	24.1	46.2	69.9	94.9	121.7	148.7	178.4	208.5	238.2
50°	0.0	10.5	26.5	49.9	75.3	102.4	130.6	160.4	191.6	223.3	254.7
47.5°	0.0	11.1	28.8	53.5	80.5	109.6	139.3	171.5	204.3	237.6	270.5
45°	0.0	11.6	31.0	57.3	85.5	116.6	148.4	182.2	216.5	251.2	285.7
42.5°	0.0	12.1	33.0	60.8	90.3	123.3	157.1	192.3	228.1	264.3	300.1
40°	0.0	12.6	35.0	64.1	95.1	129.8	165.3	201.9	239.2	276.8	314.0
37.5°	0.0	13.0	36.9	67.2	100.0	136.0	173.1	210.9	249.8	288.9	327.3
35°	0.0	13.4	38.6	70.1	104.7	142.0	180.3	219.3	260.0	300.3	339.8
32.5°	0.0	13.8	40.2	72.8	109.0	147.7	187.1	227.2	269.7	310.8	350.7
30°	0.0	14.2	41.7	75.3	113.2	152.9	193.4	234.6	278.8	320.5	360.9
27.5°	0.0	14.5	43.0	77.6	116.8	157.8	199.1	241.8	287.0	329.3	370.3
25°	0.0	14.9	44.3	79.7	120.1	162.2	204.3	248.5	294.3	337.2	378.9
22.5°	0.0	15.2	45.4	81.6	123.1	166.1	209.0	254.7	300.8	344.1	386.8
20°	0.0	15.4	46.3	83.2	125.8	169.5	213.1	260.2	306.5	350.3	393.7
17.5°	0.0	15.6	47.1	84.7	128.1	172.4	216.9	265.2	311.5	355.8	399.8
15°	0.0	15.8	47.9	85.9	130.1	174.9	220.2	269.6	315.7	360.4	405.1
12.5°	0.0	16.0	48.4	87.0	131.7	177.0	223.1	273.5	319.4	364.3	409.4
10°	0.0	16.2	48.9	87.8	133.0	178.6	225.6	276.7	322.7	367.9	413.0
7.5°	0.0	16.3	49.2	88.3	134.0	179.8	227.5	279.3	325.2	370.8	416.3
5°	0.0	16.3	49.3	88.7	134.6	180.5	228.9	281.1	327.0	372.8	418.6
2.5°	0.0	16.4	49.4	88.8	134.8	180.8	229.7	282.1	328.1	374.1	420.0
0°	0.0	16.4	49.3	88.7	134.7	180.7	230.0	282.5	328.5	374.5	420.5
-2.5°	0.0	16.4	49.4	88.8	134.8	180.8	229.7	282.1	328.1	374.1	420.0
-5°	0.0	16.3	49.3	88.7	134.6	180.5	228.9	281.1	327.0	372.8	418.6
-7.5°	0.0	16.3	49.2	88.3	134.0	179.8	227.5	279.3	325.2	370.8	416.3
-10°	0.0	16.2	48.9	87.8	133.0	178.6	225.6	276.7	322.7	367.9	413.0
-12.5°	0.0	16.0	48.4	87.0	131.7	177.0	223.1	273.5	319.4	364.3	409.4
-15°	0.0	15.8	47.9	85.9	130.1	174.9	220.2	269.6	315.7	360.4	405.1
-17.5°	0.0	15.6	47.1	84.7	128.1	172.4	216.9	265.2	311.5	355.8	399.8
-20°	0.0	15.4	46.3	83.2	125.8	169.5	213.1	260.2	306.5	350.3	393.7

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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	15.2	45.4	81.6	123.1	166.1	209.0	254.7	300.8	344.1	386.8
-25°	0.0	14.9	44.3	79.7	120.1	162.2	204.3	248.5	294.3	337.2	378.9
-27.5°	0.0	14.5	43.0	77.6	116.8	157.8	199.1	241.8	287.0	329.3	370.3
-30°	0.0	14.2	41.7	75.3	113.2	152.9	193.4	234.6	278.8	320.5	360.9
-32.5°	0.0	13.8	40.2	72.8	109.0	147.7	187.1	227.2	269.7	310.8	350.7
-35°	0.0	13.4	38.6	70.1	104.7	142.0	180.3	219.3	260.0	300.3	339.8
-37.5°	0.0	13.0	36.9	67.2	100.0	136.0	173.1	210.9	249.8	288.9	327.3
-40°	0.0	12.6	35.0	64.1	95.1	129.8	165.3	201.9	239.2	276.8	314.0
-42.5°	0.0	12.1	33.0	60.8	90.3	123.3	157.1	192.3	228.1	264.3	300.1
-45°	0.0	11.6	31.0	57.3	85.5	116.6	148.4	182.2	216.5	251.2	285.7
-47.5°	0.0	11.1	28.8	53.5	80.5	109.6	139.3	171.5	204.3	237.6	270.5
-50°	0.0	10.5	26.5	49.9	75.3	102.4	130.6	160.4	191.6	223.3	254.7
-52.5°	0.0	10.0	24.1	46.2	69.9	94.9	121.7	148.7	178.4	208.5	238.2
-55°	0.0	9.4	21.6	42.4	64.2	87.7	112.5	136.8	164.7	193.3	221.3
-57.5°	0.0	8.8	19.0	38.4	58.3	80.3	103.1	126.0	150.5	177.2	203.8
-60°	0.0	8.2	16.4	34.4	52.3	72.7	93.6	114.9	136.2	160.5	185.6
-62.5°	0.0	7.6	15.1	30.2	46.8	64.8	84.0	103.6	123.0	143.3	166.4
-65°	0.0	6.9	13.8	26.0	41.1	56.7	74.2	91.9	109.5	127.5	146.6
-67.5°	0.0	6.3	12.5	21.7	35.4	49.0	64.2	80.1	95.7	111.8	128.1
-70°	0.0	5.6	11.2	17.2	29.5	41.7	53.9	68.0	81.9	95.7	110.1
-72.5°	0.0	4.9	9.9	14.8	23.5	34.2	44.8	55.8	68.0	80.1	91.9
-75°	0.0	4.2	8.5	12.7	17.5	26.7	35.8	45.0	53.9	64.3	74.5
-77.5°	0.0	3.5	7.1	10.6	14.1	19.1	26.7	34.6	42.1	49.2	56.8
-80°	0.0	2.8	5.7	8.5	11.3	14.1	17.5	24.1	30.5	36.5	42.1
-82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	15.5	18.8	23.7	28.4
-85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	10.3	12.3	14.4	16.6
-87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.2	6.2	7.2	8.3
-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°	9.1	9.8	10.6	11.3	12.0	12.7	13.3	13.9	14.5	15.1	15.6
85°	18.2	19.7	22.3	25.0	27.5	30.0	32.4	34.7	36.8	38.9	40.9
82.5°	32.6	36.8	41.2	45.6	49.5	53.2	56.8	60.6	64.3	68.0	71.7
80°	47.9	53.9	60.7	67.1	72.7	78.1	83.3	88.3	93.7	99.5	105.3
77.5°	65.6	74.1	82.0	89.5	96.6	104.4	112.0	119.3	126.9	134.3	141.5
75°	84.6	94.2	104.4	114.4	124.1	133.5	142.7	152.1	161.5	170.9	179.9
72.5°	104.2	116.4	128.4	140.0	152.1	163.9	175.2	186.2	197.5	209.0	220.0
70°	124.5	138.5	153.2	167.5	181.1	194.8	208.7	222.0	235.1	248.4	261.6
67.5°	145.0	162.5	179.2	195.0	211.0	227.1	242.7	258.7	274.2	289.8	304.6
65°	167.6	186.7	204.9	223.0	241.2	260.2	278.6	296.5	314.4	331.8	347.4
62.5°	189.7	210.1	230.2	250.8	272.5	293.8	313.9	334.4	355.2	373.4	389.2
60°	210.1	232.7	255.2	278.7	302.6	325.5	348.1	370.4	392.8	413.7	426.6
57.5°	229.7	254.8	279.7	305.0	330.2	355.7	379.5	404.0	424.8	442.5	457.4
55°	248.9	276.1	302.7	329.2	356.4	383.1	409.0	432.2	452.6	467.2	481.7
52.5°	267.6	296.2	323.6	352.3	381.2	409.6	436.6	458.2	474.8	489.8	503.3
50°	285.6	314.8	343.8	374.8	405.4	435.4	460.8	479.6	496.6	511.2	525.4
47.5°	302.6	333.0	363.9	396.6	428.8	457.8	481.1	500.8	518.2	534.0	550.7
45°	318.9	351.1	383.9	417.6	450.4	478.4	500.9	522.2	538.5	556.3	575.5
42.5°	334.7	368.6	402.9	437.7	470.9	497.1	519.6	539.1	558.2	579.3	602.4
40°	349.7	385.0	420.8	457.1	490.2	513.4	535.4	556.1	579.3	604.3	631.1
37.5°	363.9	400.5	437.7	475.3	504.4	528.3	550.9	573.9	600.8	629.9	666.3
35°	377.1	414.9	453.3	489.4	517.1	542.5	565.8	591.5	622.9	660.9	707.6
32.5°	389.3	428.2	467.7	500.9	528.8	555.2	579.1	611.1	649.0	694.2	760.2
30°	400.5	440.4	480.1	512.2	539.4	565.8	595.0	631.1	675.3	741.4	825.8
27.5°	411.0	451.5	489.8	521.5	548.9	576.1	610.2	654.0	712.2	791.0	896.0
25°	420.6	462.1	499.0	529.4	557.6	587.8	624.9	674.1	750.7	852.4	994.3
22.5°	429.3	471.6	507.9	536.2	565.8	598.5	641.8	703.4	791.7	910.4	1093.4
20°	437.0	478.8	514.6	542.6	573.4	607.4	656.9	731.1	837.6	991.3	1225.0
17.5°	443.8	485.2	519.6	548.8	580.8	617.5	671.5	755.2	878.4	1062.0	1358.0
15°	449.6	490.6	523.8	554.0	587.2	629.0	691.9	786.6	925.8	1135.4	1473.9
12.5°	454.5	495.0	527.2	558.3	592.5	638.6	709.4	816.2	975.0	1225.7	1644.7
10°	458.3	498.6	529.8	561.7	596.6	646.3	723.6	840.5	1015.7	1303.9	1790.4
7.5°	461.8	501.1	531.7	564.0	599.6	652.0	734.4	859.1	1047.0	1365.2	1905.7
5°	464.4	502.7	532.7	565.4	602.0	655.8	741.7	872.1	1068.6	1409.1	1986.8
2.5°	466.0	503.2	532.8	565.8	603.9	657.5	745.5	879.2	1085.5	1429.9	2030.4
0°	466.5	502.7	532.2	565.1	604.5	657.1	745.8	880.5	1094.1	1429.2	2037.0
-2.5°	466.0	503.2	532.8	565.8	603.9	657.5	745.5	879.2	1085.5	1429.9	2030.4
-5°	464.4	502.7	532.7	565.4	602.0	655.8	741.7	872.1	1068.6	1409.1	1986.8
-7.5°	461.8	501.1	531.7	564.0	599.6	652.0	734.4	859.1	1047.0	1365.2	1905.7
-10°	458.3	498.6	529.8	561.7	596.6	646.3	723.6	840.5	1015.7	1303.9	1790.4
-12.5°	454.5	495.0	527.2	558.3	592.5	638.6	709.4	816.2	975.0	1225.7	1644.7
-15°	449.6	490.6	523.8	554.0	587.2	629.0	691.9	786.6	925.8	1135.4	1473.9
-17.5°	443.8	485.2	519.6	548.8	580.8	617.5	671.5	755.2	878.4	1062.0	1358.0
-20°	437.0	478.8	514.6	542.6	573.4	607.4	656.9	731.1	837.6	991.3	1225.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	429.3	471.6	507.9	536.2	565.8	598.5	641.8	703.4	791.7	910.4	1093.4
-25°	420.6	462.1	499.0	529.4	557.6	587.8	624.9	674.1	750.7	852.4	994.3
-27.5°	411.0	451.5	489.8	521.5	548.9	576.1	610.2	654.0	712.2	791.0	896.0
-30°	400.5	440.4	480.1	512.2	539.4	565.8	595.0	631.1	675.3	741.4	825.8
-32.5°	389.3	428.2	467.7	500.9	528.8	555.2	579.1	611.1	649.0	694.2	760.2
-35°	377.1	414.9	453.3	489.4	517.1	542.5	565.8	591.5	622.9	660.9	707.6
-37.5°	363.9	400.5	437.7	475.3	504.4	528.3	550.9	573.9	600.8	629.9	666.3
-40°	349.7	385.0	420.8	457.1	490.2	513.4	535.4	556.1	579.3	604.3	631.1
-42.5°	334.7	368.6	402.9	437.7	470.9	497.1	519.6	539.1	558.2	579.3	602.4
-45°	318.9	351.1	383.9	417.6	450.4	478.4	500.9	522.2	538.5	556.3	575.5
-47.5°	302.6	333.0	363.9	396.6	428.8	457.8	481.1	500.8	518.2	534.0	550.7
-50°	285.6	314.8	343.8	374.8	405.4	435.4	460.8	479.6	496.6	511.2	525.4
-52.5°	267.6	296.2	323.6	352.3	381.2	409.6	436.6	458.2	474.8	489.8	503.3
-55°	248.9	276.1	302.7	329.2	356.4	383.1	409.0	432.2	452.6	467.2	481.7
-57.5°	229.7	254.8	279.7	305.0	330.2	355.7	379.5	404.0	424.8	442.5	457.4
-60°	210.1	232.7	255.2	278.7	302.6	325.5	348.1	370.4	392.8	413.7	426.6
-62.5°	189.7	210.1	230.2	250.8	272.5	293.8	313.9	334.4	355.2	373.4	389.2
-65°	167.6	186.7	204.9	223.0	241.2	260.2	278.6	296.5	314.4	331.8	347.4
-67.5°	145.0	162.5	179.2	195.0	211.0	227.1	242.7	258.7	274.2	289.8	304.6
-70°	124.5	138.5	153.2	167.5	181.1	194.8	208.7	222.0	235.1	248.4	261.6
-72.5°	104.2	116.4	128.4	140.0	152.1	163.9	175.2	186.2	197.5	209.0	220.0
-75°	84.6	94.2	104.4	114.4	124.1	133.5	142.7	152.1	161.5	170.9	179.9
-77.5°	65.6	74.1	82.0	89.5	96.6	104.4	112.0	119.3	126.9	134.3	141.5
-80°	47.9	53.9	60.7	67.1	72.7	78.1	83.3	88.3	93.7	99.5	105.3
-82.5°	32.6	36.8	41.2	45.6	49.5	53.2	56.8	60.6	64.3	68.0	71.7
-85°	18.2	19.7	22.3	25.0	27.5	30.0	32.4	34.7	36.8	38.9	40.9
-87.5°	9.1	9.8	10.6	11.3	12.0	12.7	13.3	13.9	14.5	15.1	15.6
-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: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MWR-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°	16.1	15.9	15.6	15.3	14.9	15.9	17.0	18.0	19.0	18.4	17.8
85°	42.8	43.7	44.6	45.3	45.8	47.9	49.9	51.7	53.4	53.4	53.2
82.5°	75.3	77.7	79.8	81.6	83.3	85.7	87.8	89.7	91.2	92.4	93.4
80°	110.9	114.9	118.2	121.3	124.0	127.2	130.1	132.7	135.0	136.2	137.0
77.5°	148.6	154.3	159.4	164.3	168.9	173.5	177.7	181.5	184.7	185.5	185.3
75°	188.4	196.1	203.3	210.0	216.2	221.6	226.1	229.8	232.9	234.5	235.3
72.5°	230.4	239.9	248.4	256.1	262.7	268.2	272.9	277.0	280.5	282.7	284.0
70°	274.2	285.5	294.2	301.4	307.1	312.5	318.6	324.5	330.0	333.0	334.2
67.5°	318.2	329.8	337.8	344.4	349.6	354.9	362.7	369.6	375.8	379.9	382.6
65°	361.1	373.4	381.5	387.8	392.5	397.9	406.5	413.4	418.6	422.8	426.6
62.5°	403.7	416.0	425.0	432.4	439.3	445.2	452.3	458.1	462.6	466.7	471.4
60°	440.5	455.1	464.5	472.1	480.6	489.9	495.1	499.4	503.2	506.5	509.4
57.5°	470.5	483.6	495.7	504.8	513.7	522.3	528.4	532.5	535.8	538.3	539.2
55°	495.7	509.2	522.7	532.6	541.3	549.3	556.0	561.4	565.7	569.2	570.0
52.5°	518.2	533.4	546.6	558.0	569.6	579.0	586.5	593.7	599.9	605.0	607.2
50°	542.8	558.7	575.1	590.5	602.8	613.5	622.5	632.7	643.4	652.3	657.9
47.5°	568.6	586.9	606.8	625.6	640.2	656.2	671.1	686.3	706.2	722.9	735.3
45°	595.6	619.1	641.8	665.7	685.8	716.0	744.1	768.1	800.1	829.1	852.1
42.5°	627.4	656.7	684.5	722.9	763.0	804.2	848.8	886.7	936.7	987.6	1028.7
40°	665.2	702.5	751.7	803.1	866.4	923.1	1000.0	1068.6	1145.3	1242.3	1322.4
37.5°	710.6	768.2	836.6	908.3	1007.0	1101.3	1228.4	1362.4	1483.9	1670.5	1827.4
35°	769.7	850.1	940.2	1067.1	1206.8	1383.5	1581.8	1840.5	2062.4	2377.1	2677.8
32.5°	845.7	949.2	1096.2	1292.1	1498.6	1819.5	2134.1	2583.4	2999.3	3498.1	4036.4
30°	930.4	1087.9	1312.5	1581.2	1966.4	2438.5	2993.1	3683.1	4438.1	5139.2	5830.0
27.5°	1053.0	1278.7	1573.8	2007.3	2607.8	3268.3	4240.0	5176.6	6153.7	7022.3	7746.7
25°	1196.2	1494.5	1950.8	2589.2	3401.2	4532.2	5695.4	6851.3	7902.1	8811.5	9611.9
22.5°	1381.2	1810.1	2418.5	3245.4	4509.8	5865.4	7229.4	8504.3	9625.3	10637.8	11504.3
20°	1582.3	2119.0	2987.9	4220.9	5666.9	7211.2	8751.4	10109.5	11343.7	12491.8	13468.4
17.5°	1837.3	2588.9	3689.2	5168.3	6840.1	8532.1	10150.2	11624.0	13024.3	14239.2	15259.5
15°	2054.5	3002.7	4438.8	6173.4	7981.7	9766.6	11474.9	13075.7	14531.5	15778.0	16737.2
12.5°	2344.4	3466.5	5104.2	7037.5	8997.1	10875.2	12674.5	14329.1	15810.6	17043.5	17790.1
10°	2618.3	3946.6	5747.4	7763.6	9799.4	11800.4	13721.6	15418.6	16794.1	17774.8	18411.1
7.5°	2851.3	4359.3	6270.6	8350.4	10436.9	12529.0	14473.7	16124.8	17393.1	18212.1	18655.0
5°	3025.2	4667.7	6659.0	8827.3	10968.3	13097.1	15026.7	16576.7	17672.9	18281.3	18503.7
2.5°	3136.0	4848.9	6884.4	9140.2	11324.0	13456.6	15406.0	16931.6	17861.8	18265.0	18303.3
0°	3180.3	4872.3	6919.2	9304.4	11413.6	13559.0	15513.9	17077.8	17932.0	18263.8	18257.2
-2.5°	3136.0	4848.9	6884.4	9140.2	11324.0	13456.6	15406.0	16931.6	17861.8	18265.0	18303.3
-5°	3025.2	4667.7	6659.0	8827.3	10968.3	13097.1	15026.7	16576.7	17672.9	18281.3	18503.7
-7.5°	2851.3	4359.3	6270.6	8350.4	10436.9	12529.0	14473.7	16124.8	17393.1	18212.1	18655.0
-10°	2618.3	3946.6	5747.4	7763.6	9799.4	11800.4	13721.6	15418.6	16794.1	17774.8	18411.1
-12.5°	2344.4	3466.5	5104.2	7037.5	8997.1	10875.2	12674.5	14329.1	15810.6	17043.5	17790.1
-15°	2054.5	3002.7	4438.8	6173.4	7981.7	9766.6	11474.9	13075.7	14531.5	15778.0	16737.2
-17.5°	1837.3	2588.9	3689.2	5168.3	6840.1	8532.1	10150.2	11624.0	13024.3	14239.2	15259.5
-20°	1582.3	2119.0	2987.9	4220.9	5666.9	7211.2	8751.4	10109.5	11343.7	12491.8	13468.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1381.2	1810.1	2418.5	3245.4	4509.8	5865.4	7229.4	8504.3	9625.3	10637.8	11504.3
-25°	1196.2	1494.5	1950.8	2589.2	3401.2	4532.2	5695.4	6851.3	7902.1	8811.5	9611.9
-27.5°	1053.0	1278.7	1573.8	2007.3	2607.8	3268.3	4240.0	5176.6	6153.7	7022.3	7746.7
-30°	930.4	1087.9	1312.5	1581.2	1966.4	2438.5	2993.1	3683.1	4438.1	5139.2	5830.0
-32.5°	845.7	949.2	1096.2	1292.1	1498.6	1819.5	2134.1	2583.4	2999.3	3498.1	4036.4
-35°	769.7	850.1	940.2	1067.1	1206.8	1383.5	1581.8	1840.5	2062.4	2377.1	2677.8
-37.5°	710.6	768.2	836.6	908.3	1007.0	1101.3	1228.4	1362.4	1483.9	1670.5	1827.4
-40°	665.2	702.5	751.7	803.1	866.4	923.1	1000.0	1068.6	1145.3	1242.3	1322.4
-42.5°	627.4	656.7	684.5	722.9	763.0	804.2	848.8	886.7	936.7	987.6	1028.7
-45°	595.6	619.1	641.8	665.7	685.8	716.0	744.1	768.1	800.1	829.1	852.1
-47.5°	568.6	586.9	606.8	625.6	640.2	656.2	671.1	686.3	706.2	722.9	735.3
-50°	542.8	558.7	575.1	590.5	602.8	613.5	622.5	632.7	643.4	652.3	657.9
-52.5°	518.2	533.4	546.6	558.0	569.6	579.0	586.5	593.7	599.9	605.0	607.2
-55°	495.7	509.2	522.7	532.6	541.3	549.3	556.0	561.4	565.7	569.2	570.0
-57.5°	470.5	483.6	495.7	504.8	513.7	522.3	528.4	532.5	535.8	538.3	539.2
-60°	440.5	455.1	464.5	472.1	480.6	489.9	495.1	499.4	503.2	506.5	509.4
-62.5°	403.7	416.0	425.0	432.4	439.3	445.2	452.3	458.1	462.6	466.7	471.4
-65°	361.1	373.4	381.5	387.8	392.5	397.9	406.5	413.4	418.6	422.8	426.6
-67.5°	318.2	329.8	337.8	344.4	349.6	354.9	362.7	369.6	375.8	379.9	382.6
-70°	274.2	285.5	294.2	301.4	307.1	312.5	318.6	324.5	330.0	333.0	334.2
-72.5°	230.4	239.9	248.4	256.1	262.7	268.2	272.9	277.0	280.5	282.7	284.0
-75°	188.4	196.1	203.3	210.0	216.2	221.6	226.1	229.8	232.9	234.5	235.3
-77.5°	148.6	154.3	159.4	164.3	168.9	173.5	177.7	181.5	184.7	185.5	185.3
-80°	110.9	114.9	118.2	121.3	124.0	127.2	130.1	132.7	135.0	136.2	137.0
-82.5°	75.3	77.7	79.8	81.6	83.3	85.7	87.8	89.7	91.2	92.4	93.4
-85°	42.8	43.7	44.6	45.3	45.8	47.9	49.9	51.7	53.4	53.4	53.2
-87.5°	16.1	15.9	15.6	15.3	14.9	15.9	17.0	18.0	19.0	18.4	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: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MWR-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°	17.1	16.3	16.4	16.4	16.4	16.3	17.1	17.8	18.4	19.0	18.0
85°	52.8	52.3	50.9	49.3	50.9	52.3	52.8	53.2	53.4	53.4	51.7
82.5°	94.2	94.8	93.5	92.0	93.5	94.8	94.2	93.4	92.4	91.2	89.7
80°	137.4	137.4	136.2	134.7	136.2	137.4	137.4	137.0	136.2	135.0	132.7
77.5°	184.6	183.2	183.8	184.0	183.8	183.2	184.6	185.3	185.5	184.7	181.5
75°	235.7	235.5	234.7	233.3	234.7	235.5	235.7	235.3	234.5	232.9	229.8
72.5°	284.6	284.6	283.9	282.5	283.9	284.6	284.6	284.0	282.7	280.5	277.0
70°	334.5	333.8	334.7	335.1	334.7	333.8	334.5	334.2	333.0	330.0	324.5
67.5°	384.6	385.9	385.7	384.4	385.7	385.9	384.6	382.6	379.9	375.8	369.6
65°	429.6	431.8	433.2	433.7	433.2	431.8	429.6	426.6	422.8	418.6	413.4
62.5°	475.0	477.6	477.8	476.4	477.8	477.6	475.0	471.4	466.7	462.6	458.1
60°	510.9	511.3	510.7	509.2	510.7	511.3	510.9	509.4	506.5	503.2	499.4
57.5°	539.2	538.2	537.1	535.5	537.1	538.2	539.2	539.2	538.3	535.8	532.5
55°	569.6	568.0	566.7	565.1	566.7	568.0	569.6	570.0	569.2	565.7	561.4
52.5°	607.7	606.9	605.9	604.5	605.9	606.9	607.7	607.2	605.0	599.9	593.7
50°	660.8	661.6	661.5	660.4	661.5	661.6	660.8	657.9	652.3	643.4	632.7
47.5°	743.2	747.6	750.6	752.4	750.6	747.6	743.2	735.3	722.9	706.2	686.3
45°	866.9	875.7	881.9	887.1	881.9	875.7	866.9	852.1	829.1	800.1	768.1
42.5°	1057.6	1077.3	1086.6	1084.2	1086.6	1077.3	1057.6	1028.7	987.6	936.7	886.7
40°	1375.8	1407.5	1425.1	1439.0	1425.1	1407.5	1375.8	1322.4	1242.3	1145.3	1068.6
37.5°	1934.6	1996.1	2028.5	2056.7	2028.5	1996.1	1934.6	1827.4	1670.5	1483.9	1362.4
35°	2902.5	3040.9	3115.1	3140.9	3115.1	3040.9	2902.5	2677.8	2377.1	2062.4	1840.5
32.5°	4455.3	4710.7	4852.0	4961.0	4852.0	4710.7	4455.3	4036.4	3498.1	2999.3	2583.4
30°	6377.1	6713.4	6900.2	6991.4	6900.2	6713.4	6377.1	5830.0	5139.2	4438.1	3683.1
27.5°	8347.1	8729.5	8930.9	8920.0	8930.9	8729.5	8347.1	7746.7	7022.3	6153.7	5176.6
25°	10298.0	10740.9	10941.6	11121.2	10941.6	10740.9	10298.0	9611.9	8811.5	7902.1	6851.3
22.5°	12271.2	12789.1	13071.7	13204.2	13071.7	12789.1	12271.2	11504.3	10637.8	9625.3	8504.3
20°	14220.9	14797.5	15097.5	15228.0	15097.5	14797.5	14220.9	13468.4	12491.8	11343.7	10109.5
17.5°	15950.1	16512.9	16798.9	16920.1	16798.9	16512.9	15950.1	15259.5	14239.2	13024.3	11624.0
15°	17330.8	17746.0	17989.1	18053.5	17989.1	17746.0	17330.8	16737.2	15778.0	14531.5	13075.7
12.5°	18285.2	18446.1	18563.0	18598.9	18563.0	18446.1	18285.2	17790.1	17043.5	15810.6	14329.1
10°	18773.2	18700.7	18670.7	18674.5	18670.7	18700.7	18773.2	18411.1	17774.8	16794.1	15418.6
7.5°	18739.6	18632.2	18416.4	18382.1	18416.4	18632.2	18739.6	18655.0	18212.1	17393.1	16124.8
5°	18470.4	18274.8	17916.7	17813.7	17916.7	18274.8	18470.4	18503.7	18281.3	17672.9	16576.7
2.5°	18156.6	17804.0	17474.1	17261.7	17474.1	17804.0	18156.6	18303.3	18265.0	17861.8	16931.6
0°	18063.4	17656.0	17228.9	17090.9	17228.9	17656.0	18063.4	18257.2	18263.8	17932.0	17077.8
-2.5°	18156.6	17804.0	17474.1	17261.7	17474.1	17804.0	18156.6	18303.3	18265.0	17861.8	16931.6
-5°	18470.4	18274.8	17916.7	17813.7	17916.7	18274.8	18470.4	18503.7	18281.3	17672.9	16576.7
-7.5°	18739.6	18632.2	18416.4	18382.1	18416.4	18632.2	18739.6	18655.0	18212.1	17393.1	16124.8
-10°	18773.2	18700.7	18670.7	18674.5	18670.7	18700.7	18773.2	18411.1	17774.8	16794.1	15418.6
-12.5°	18285.2	18446.1	18563.0	18598.9	18563.0	18446.1	18285.2	17790.1	17043.5	15810.6	14329.1
-15°	17330.8	17746.0	17989.1	18053.5	17989.1	17746.0	17330.8	16737.2	15778.0	14531.5	13075.7
-17.5°	15950.1	16512.9	16798.9	16920.1	16798.9	16512.9	15950.1	15259.5	14239.2	13024.3	11624.0
-20°	14220.9	14797.5	15097.5	15228.0	15097.5	14797.5	14220.9	13468.4	12491.8	11343.7	10109.5



REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12271.2	12789.1	13071.7	13204.2	13071.7	12789.1	12271.2	11504.3	10637.8	9625.3	8504.3
-25°	10298.0	10740.9	10941.6	11121.2	10941.6	10740.9	10298.0	9611.9	8811.5	7902.1	6851.3
-27.5°	8347.1	8729.5	8930.9	8920.0	8930.9	8729.5	8347.1	7746.7	7022.3	6153.7	5176.6
-30°	6377.1	6713.4	6900.2	6991.4	6900.2	6713.4	6377.1	5830.0	5139.2	4438.1	3683.1
-32.5°	4455.3	4710.7	4852.0	4961.0	4852.0	4710.7	4455.3	4036.4	3498.1	2999.3	2583.4
-35°	2902.5	3040.9	3115.1	3140.9	3115.1	3040.9	2902.5	2677.8	2377.1	2062.4	1840.5
-37.5°	1934.6	1996.1	2028.5	2056.7	2028.5	1996.1	1934.6	1827.4	1670.5	1483.9	1362.4
-40°	1375.8	1407.5	1425.1	1439.0	1425.1	1407.5	1375.8	1322.4	1242.3	1145.3	1068.6
-42.5°	1057.6	1077.3	1086.6	1084.2	1086.6	1077.3	1057.6	1028.7	987.6	936.7	886.7
-45°	866.9	875.7	881.9	887.1	881.9	875.7	866.9	852.1	829.1	800.1	768.1
-47.5°	743.2	747.6	750.6	752.4	750.6	747.6	743.2	735.3	722.9	706.2	686.3
-50°	660.8	661.6	661.5	660.4	661.5	661.6	660.8	657.9	652.3	643.4	632.7
-52.5°	607.7	606.9	605.9	604.5	605.9	606.9	607.7	607.2	605.0	599.9	593.7
-55°	569.6	568.0	566.7	565.1	566.7	568.0	569.6	570.0	569.2	565.7	561.4
-57.5°	539.2	538.2	537.1	535.5	537.1	538.2	539.2	539.2	538.3	535.8	532.5
-60°	510.9	511.3	510.7	509.2	510.7	511.3	510.9	509.4	506.5	503.2	499.4
-62.5°	475.0	477.6	477.8	476.4	477.8	477.6	475.0	471.4	466.7	462.6	458.1
-65°	429.6	431.8	433.2	433.7	433.2	431.8	429.6	426.6	422.8	418.6	413.4
-67.5°	384.6	385.9	385.7	384.4	385.7	385.9	384.6	382.6	379.9	375.8	369.6
-70°	334.5	333.8	334.7	335.1	334.7	333.8	334.5	334.2	333.0	330.0	324.5
-72.5°	284.6	284.6	283.9	282.5	283.9	284.6	284.6	284.0	282.7	280.5	277.0
-75°	235.7	235.5	234.7	233.3	234.7	235.5	235.7	235.3	234.5	232.9	229.8
-77.5°	184.6	183.2	183.8	184.0	183.8	183.2	184.6	185.3	185.5	184.7	181.5
-80°	137.4	137.4	136.2	134.7	136.2	137.4	137.4	137.0	136.2	135.0	132.7
-82.5°	94.2	94.8	93.5	92.0	93.5	94.8	94.2	93.4	92.4	91.2	89.7
-85°	52.8	52.3	50.9	49.3	50.9	52.3	52.8	53.2	53.4	53.4	51.7
-87.5°	17.1	16.3	16.4	16.4	16.4	16.3	17.1	17.8	18.4	19.0	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: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-MWR-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°	17.0	15.9	14.9	15.3	15.6	15.9	16.1	15.6	15.1	14.5	13.9
85°	49.9	47.9	45.8	45.3	44.6	43.7	42.8	40.9	38.9	36.8	34.7
82.5°	87.8	85.7	83.3	81.6	79.8	77.7	75.3	71.7	68.0	64.3	60.6
80°	130.1	127.2	124.0	121.3	118.2	114.9	110.9	105.3	99.5	93.7	88.3
77.5°	177.7	173.5	168.9	164.3	159.4	154.3	148.6	141.5	134.3	126.9	119.3
75°	226.1	221.6	216.2	210.0	203.3	196.1	188.4	179.9	170.9	161.5	152.1
72.5°	272.9	268.2	262.7	256.1	248.4	239.9	230.4	220.0	209.0	197.5	186.2
70°	318.6	312.5	307.1	301.4	294.2	285.5	274.2	261.6	248.4	235.1	222.0
67.5°	362.7	354.9	349.6	344.4	337.8	329.8	318.2	304.6	289.8	274.2	258.7
65°	406.5	397.9	392.5	387.8	381.5	373.4	361.1	347.4	331.8	314.4	296.5
62.5°	452.3	445.2	439.3	432.4	425.0	416.0	403.7	389.2	373.4	355.2	334.4
60°	495.1	489.9	480.6	472.1	464.5	455.1	440.5	426.6	413.7	392.8	370.4
57.5°	528.4	522.3	513.7	504.8	495.7	483.6	470.5	457.4	442.5	424.8	404.0
55°	556.0	549.3	541.3	532.6	522.7	509.2	495.7	481.7	467.2	452.6	432.2
52.5°	586.5	579.0	569.6	558.0	546.6	533.4	518.2	503.3	489.8	474.8	458.2
50°	622.5	613.5	602.8	590.5	575.1	558.7	542.8	525.4	511.2	496.6	479.6
47.5°	671.1	656.2	640.2	625.6	606.8	586.9	568.6	550.7	534.0	518.2	500.8
45°	744.1	716.0	685.8	665.7	641.8	619.1	595.6	575.5	556.3	538.5	522.2
42.5°	848.8	804.2	763.0	722.9	684.5	656.7	627.4	602.4	579.3	558.2	539.1
40°	1000.0	923.1	866.4	803.1	751.7	702.5	665.2	631.1	604.3	579.3	556.1
37.5°	1228.4	1101.3	1007.0	908.3	836.6	768.2	710.6	666.3	629.9	600.8	573.9
35°	1581.8	1383.5	1206.8	1067.1	940.2	850.1	769.7	707.6	660.9	622.9	591.5
32.5°	2134.1	1819.5	1498.6	1292.1	1096.2	949.2	845.7	760.2	694.2	649.0	611.1
30°	2993.1	2438.5	1966.4	1581.2	1312.5	1087.9	930.4	825.8	741.4	675.3	631.1
27.5°	4240.0	3268.3	2607.8	2007.3	1573.8	1278.7	1053.0	896.0	791.0	712.2	654.0
25°	5695.4	4532.2	3401.2	2589.2	1950.8	1494.5	1196.2	994.3	852.4	750.7	674.1
22.5°	7229.4	5865.4	4509.8	3245.4	2418.5	1810.1	1381.2	1093.4	910.4	791.7	703.4
20°	8751.4	7211.2	5666.9	4220.9	2987.9	2119.0	1582.3	1225.0	991.3	837.6	731.1
17.5°	10150.2	8532.1	6840.1	5168.3	3689.2	2588.9	1837.3	1358.0	1062.0	878.4	755.2
15°	11474.9	9766.6	7981.7	6173.4	4438.8	3002.7	2054.5	1473.9	1135.4	925.8	786.6
12.5°	12674.5	10875.2	8997.1	7037.5	5104.2	3466.5	2344.4	1644.7	1225.7	975.0	816.2
10°	13721.6	11800.4	9799.4	7763.6	5747.4	3946.6	2618.3	1790.4	1303.9	1015.7	840.5
7.5°	14473.7	12529.0	10436.9	8350.4	6270.6	4359.3	2851.3	1905.7	1365.2	1047.0	859.1
5°	15026.7	13097.1	10968.3	8827.3	6659.0	4667.7	3025.2	1986.8	1409.1	1068.6	872.1
2.5°	15406.0	13456.6	11324.0	9140.2	6884.4	4848.9	3136.0	2030.4	1429.9	1085.5	879.2
0°	15513.9	13559.0	11413.6	9304.4	6919.2	4872.3	3180.3	2037.0	1429.2	1094.1	880.5
-2.5°	15406.0	13456.6	11324.0	9140.2	6884.4	4848.9	3136.0	2030.4	1429.9	1085.5	879.2
-5°	15026.7	13097.1	10968.3	8827.3	6659.0	4667.7	3025.2	1986.8	1409.1	1068.6	872.1
-7.5°	14473.7	12529.0	10436.9	8350.4	6270.6	4359.3	2851.3	1905.7	1365.2	1047.0	859.1
-10°	13721.6	11800.4	9799.4	7763.6	5747.4	3946.6	2618.3	1790.4	1303.9	1015.7	840.5
-12.5°	12674.5	10875.2	8997.1	7037.5	5104.2	3466.5	2344.4	1644.7	1225.7	975.0	816.2
-15°	11474.9	9766.6	7981.7	6173.4	4438.8	3002.7	2054.5	1473.9	1135.4	925.8	786.6
-17.5°	10150.2	8532.1	6840.1	5168.3	3689.2	2588.9	1837.3	1358.0	1062.0	878.4	755.2
-20°	8751.4	7211.2	5666.9	4220.9	2987.9	2119.0	1582.3	1225.0	991.3	837.6	731.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7229.4	5865.4	4509.8	3245.4	2418.5	1810.1	1381.2	1093.4	910.4	791.7	703.4
-25°	5695.4	4532.2	3401.2	2589.2	1950.8	1494.5	1196.2	994.3	852.4	750.7	674.1
-27.5°	4240.0	3268.3	2607.8	2007.3	1573.8	1278.7	1053.0	896.0	791.0	712.2	654.0
-30°	2993.1	2438.5	1966.4	1581.2	1312.5	1087.9	930.4	825.8	741.4	675.3	631.1
-32.5°	2134.1	1819.5	1498.6	1292.1	1096.2	949.2	845.7	760.2	694.2	649.0	611.1
-35°	1581.8	1383.5	1206.8	1067.1	940.2	850.1	769.7	707.6	660.9	622.9	591.5
-37.5°	1228.4	1101.3	1007.0	908.3	836.6	768.2	710.6	666.3	629.9	600.8	573.9
-40°	1000.0	923.1	866.4	803.1	751.7	702.5	665.2	631.1	604.3	579.3	556.1
-42.5°	848.8	804.2	763.0	722.9	684.5	656.7	627.4	602.4	579.3	558.2	539.1
-45°	744.1	716.0	685.8	665.7	641.8	619.1	595.6	575.5	556.3	538.5	522.2
-47.5°	671.1	656.2	640.2	625.6	606.8	586.9	568.6	550.7	534.0	518.2	500.8
-50°	622.5	613.5	602.8	590.5	575.1	558.7	542.8	525.4	511.2	496.6	479.6
-52.5°	586.5	579.0	569.6	558.0	546.6	533.4	518.2	503.3	489.8	474.8	458.2
-55°	556.0	549.3	541.3	532.6	522.7	509.2	495.7	481.7	467.2	452.6	432.2
-57.5°	528.4	522.3	513.7	504.8	495.7	483.6	470.5	457.4	442.5	424.8	404.0
-60°	495.1	489.9	480.6	472.1	464.5	455.1	440.5	426.6	413.7	392.8	370.4
-62.5°	452.3	445.2	439.3	432.4	425.0	416.0	403.7	389.2	373.4	355.2	334.4
-65°	406.5	397.9	392.5	387.8	381.5	373.4	361.1	347.4	331.8	314.4	296.5
-67.5°	362.7	354.9	349.6	344.4	337.8	329.8	318.2	304.6	289.8	274.2	258.7
-70°	318.6	312.5	307.1	301.4	294.2	285.5	274.2	261.6	248.4	235.1	222.0
-72.5°	272.9	268.2	262.7	256.1	248.4	239.9	230.4	220.0	209.0	197.5	186.2
-75°	226.1	221.6	216.2	210.0	203.3	196.1	188.4	179.9	170.9	161.5	152.1
-77.5°	177.7	173.5	168.9	164.3	159.4	154.3	148.6	141.5	134.3	126.9	119.3
-80°	130.1	127.2	124.0	121.3	118.2	114.9	110.9	105.3	99.5	93.7	88.3
-82.5°	87.8	85.7	83.3	81.6	79.8	77.7	75.3	71.7	68.0	64.3	60.6
-85°	49.9	47.9	45.8	45.3	44.6	43.7	42.8	40.9	38.9	36.8	34.7
-87.5°	17.0	15.9	14.9	15.3	15.6	15.9	16.1	15.6	15.1	14.5	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-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°	13.3	12.7	12.0	11.3	10.6	9.8	9.1	8.3	7.2	6.2	5.2
85°	32.4	30.0	27.5	25.0	22.3	19.7	18.2	16.6	14.4	12.3	10.3
82.5°	56.8	53.2	49.5	45.6	41.2	36.8	32.6	28.4	23.7	18.8	15.5
80°	83.3	78.1	72.7	67.1	60.7	53.9	47.9	42.1	36.5	30.5	24.1
77.5°	112.0	104.4	96.6	89.5	82.0	74.1	65.6	56.8	49.2	42.1	34.6
75°	142.7	133.5	124.1	114.4	104.4	94.2	84.6	74.5	64.3	53.9	45.0
72.5°	175.2	163.9	152.1	140.0	128.4	116.4	104.2	91.9	80.1	68.0	55.8
70°	208.7	194.8	181.1	167.5	153.2	138.5	124.5	110.1	95.7	81.9	68.0
67.5°	242.7	227.1	211.0	195.0	179.2	162.5	145.0	128.1	111.8	95.7	80.1
65°	278.6	260.2	241.2	223.0	204.9	186.7	167.6	146.6	127.5	109.5	91.9
62.5°	313.9	293.8	272.5	250.8	230.2	210.1	189.7	166.4	143.3	123.0	103.6
60°	348.1	325.5	302.6	278.7	255.2	232.7	210.1	185.6	160.5	136.2	114.9
57.5°	379.5	355.7	330.2	305.0	279.7	254.8	229.7	203.8	177.2	150.5	126.0
55°	409.0	383.1	356.4	329.2	302.7	276.1	248.9	221.3	193.3	164.7	136.8
52.5°	436.6	409.6	381.2	352.3	323.6	296.2	267.6	238.2	208.5	178.4	148.7
50°	460.8	435.4	405.4	374.8	343.8	314.8	285.6	254.7	223.3	191.6	160.4
47.5°	481.1	457.8	428.8	396.6	363.9	333.0	302.6	270.5	237.6	204.3	171.5
45°	500.9	478.4	450.4	417.6	383.9	351.1	318.9	285.7	251.2	216.5	182.2
42.5°	519.6	497.1	470.9	437.7	402.9	368.6	334.7	300.1	264.3	228.1	192.3
40°	535.4	513.4	490.2	457.1	420.8	385.0	349.7	314.0	276.8	239.2	201.9
37.5°	550.9	528.3	504.4	475.3	437.7	400.5	363.9	327.3	288.9	249.8	210.9
35°	565.8	542.5	517.1	489.4	453.3	414.9	377.1	339.8	300.3	260.0	219.3
32.5°	579.1	555.2	528.8	500.9	467.7	428.2	389.3	350.7	310.8	269.7	227.2
30°	595.0	565.8	539.4	512.2	480.1	440.4	400.5	360.9	320.5	278.8	234.6
27.5°	610.2	576.1	548.9	521.5	489.8	451.5	411.0	370.3	329.3	287.0	241.8
25°	624.9	587.8	557.6	529.4	499.0	462.1	420.6	378.9	337.2	294.3	248.5
22.5°	641.8	598.5	565.8	536.2	507.9	471.6	429.3	386.8	344.1	300.8	254.7
20°	656.9	607.4	573.4	542.6	514.6	478.8	437.0	393.7	350.3	306.5	260.2
17.5°	671.5	617.5	580.8	548.8	519.6	485.2	443.8	399.8	355.8	311.5	265.2
15°	691.9	629.0	587.2	554.0	523.8	490.6	449.6	405.1	360.4	315.7	269.6
12.5°	709.4	638.6	592.5	558.3	527.2	495.0	454.5	409.4	364.3	319.4	273.5
10°	723.6	646.3	596.6	561.7	529.8	498.6	458.3	413.0	367.9	322.7	276.7
7.5°	734.4	652.0	599.6	564.0	531.7	501.1	461.8	416.3	370.8	325.2	279.3
5°	741.7	655.8	602.0	565.4	532.7	502.7	464.4	418.6	372.8	327.0	281.1
2.5°	745.5	657.5	603.9	565.8	532.8	503.2	466.0	420.0	374.1	328.1	282.1
0°	745.8	657.1	604.5	565.1	532.2	502.7	466.5	420.5	374.5	328.5	282.5
-2.5°	745.5	657.5	603.9	565.8	532.8	503.2	466.0	420.0	374.1	328.1	282.1
-5°	741.7	655.8	602.0	565.4	532.7	502.7	464.4	418.6	372.8	327.0	281.1
-7.5°	734.4	652.0	599.6	564.0	531.7	501.1	461.8	416.3	370.8	325.2	279.3
-10°	723.6	646.3	596.6	561.7	529.8	498.6	458.3	413.0	367.9	322.7	276.7
-12.5°	709.4	638.6	592.5	558.3	527.2	495.0	454.5	409.4	364.3	319.4	273.5
-15°	691.9	629.0	587.2	554.0	523.8	490.6	449.6	405.1	360.4	315.7	269.6
-17.5°	671.5	617.5	580.8	548.8	519.6	485.2	443.8	399.8	355.8	311.5	265.2
-20°	656.9	607.4	573.4	542.6	514.6	478.8	437.0	393.7	350.3	306.5	260.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	641.8	598.5	565.8	536.2	507.9	471.6	429.3	386.8	344.1	300.8	254.7
-25°	624.9	587.8	557.6	529.4	499.0	462.1	420.6	378.9	337.2	294.3	248.5
-27.5°	610.2	576.1	548.9	521.5	489.8	451.5	411.0	370.3	329.3	287.0	241.8
-30°	595.0	565.8	539.4	512.2	480.1	440.4	400.5	360.9	320.5	278.8	234.6
-32.5°	579.1	555.2	528.8	500.9	467.7	428.2	389.3	350.7	310.8	269.7	227.2
-35°	565.8	542.5	517.1	489.4	453.3	414.9	377.1	339.8	300.3	260.0	219.3
-37.5°	550.9	528.3	504.4	475.3	437.7	400.5	363.9	327.3	288.9	249.8	210.9
-40°	535.4	513.4	490.2	457.1	420.8	385.0	349.7	314.0	276.8	239.2	201.9
-42.5°	519.6	497.1	470.9	437.7	402.9	368.6	334.7	300.1	264.3	228.1	192.3
-45°	500.9	478.4	450.4	417.6	383.9	351.1	318.9	285.7	251.2	216.5	182.2
-47.5°	481.1	457.8	428.8	396.6	363.9	333.0	302.6	270.5	237.6	204.3	171.5
-50°	460.8	435.4	405.4	374.8	343.8	314.8	285.6	254.7	223.3	191.6	160.4
-52.5°	436.6	409.6	381.2	352.3	323.6	296.2	267.6	238.2	208.5	178.4	148.7
-55°	409.0	383.1	356.4	329.2	302.7	276.1	248.9	221.3	193.3	164.7	136.8
-57.5°	379.5	355.7	330.2	305.0	279.7	254.8	229.7	203.8	177.2	150.5	126.0
-60°	348.1	325.5	302.6	278.7	255.2	232.7	210.1	185.6	160.5	136.2	114.9
-62.5°	313.9	293.8	272.5	250.8	230.2	210.1	189.7	166.4	143.3	123.0	103.6
-65°	278.6	260.2	241.2	223.0	204.9	186.7	167.6	146.6	127.5	109.5	91.9
-67.5°	242.7	227.1	211.0	195.0	179.2	162.5	145.0	128.1	111.8	95.7	80.1
-70°	208.7	194.8	181.1	167.5	153.2	138.5	124.5	110.1	95.7	81.9	68.0
-72.5°	175.2	163.9	152.1	140.0	128.4	116.4	104.2	91.9	80.1	68.0	55.8
-75°	142.7	133.5	124.1	114.4	104.4	94.2	84.6	74.5	64.3	53.9	45.0
-77.5°	112.0	104.4	96.6	89.5	82.0	74.1	65.6	56.8	49.2	42.1	34.6
-80°	83.3	78.1	72.7	67.1	60.7	53.9	47.9	42.1	36.5	30.5	24.1
-82.5°	56.8	53.2	49.5	45.6	41.2	36.8	32.6	28.4	23.7	18.8	15.5
-85°	32.4	30.0	27.5	25.0	22.3	19.7	18.2	16.6	14.4	12.3	10.3
-87.5°	13.3	12.7	12.0	11.3	10.6	9.8	9.1	8.3	7.2	6.2	5.2
-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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REPORT NUMBER: P627037 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
80°	17.5	14.1	11.3	8.5	5.7	2.8	0.0
77.5°	26.7	19.1	14.1	10.6	7.1	3.5	0.0
75°	35.8	26.7	17.5	12.7	8.5	4.2	0.0
72.5°	44.8	34.2	23.5	14.8	9.9	4.9	0.0
70°	53.9	41.7	29.5	17.2	11.2	5.6	0.0
67.5°	64.2	49.0	35.4	21.7	12.5	6.3	0.0
65°	74.2	56.7	41.1	26.0	13.8	6.9	0.0
62.5°	84.0	64.8	46.8	30.2	15.1	7.6	0.0
60°	93.6	72.7	52.3	34.4	16.4	8.2	0.0
57.5°	103.1	80.3	58.3	38.4	19.0	8.8	0.0
55°	112.5	87.7	64.2	42.4	21.6	9.4	0.0
52.5°	121.7	94.9	69.9	46.2	24.1	10.0	0.0
50°	130.6	102.4	75.3	49.9	26.5	10.5	0.0
47.5°	139.3	109.6	80.5	53.5	28.8	11.1	0.0
45°	148.4	116.6	85.5	57.3	31.0	11.6	0.0
42.5°	157.1	123.3	90.3	60.8	33.0	12.1	0.0
40°	165.3	129.8	95.1	64.1	35.0	12.6	0.0
37.5°	173.1	136.0	100.0	67.2	36.9	13.0	0.0
35°	180.3	142.0	104.7	70.1	38.6	13.4	0.0
32.5°	187.1	147.7	109.0	72.8	40.2	13.8	0.0
30°	193.4	152.9	113.2	75.3	41.7	14.2	0.0
27.5°	199.1	157.8	116.8	77.6	43.0	14.5	0.0
25°	204.3	162.2	120.1	79.7	44.3	14.9	0.0
22.5°	209.0	166.1	123.1	81.6	45.4	15.2	0.0
20°	213.1	169.5	125.8	83.2	46.3	15.4	0.0
17.5°	216.9	172.4	128.1	84.7	47.1	15.6	0.0
15°	220.2	174.9	130.1	85.9	47.9	15.8	0.0
12.5°	223.1	177.0	131.7	87.0	48.4	16.0	0.0
10°	225.6	178.6	133.0	87.8	48.9	16.2	0.0
7.5°	227.5	179.8	134.0	88.3	49.2	16.3	0.0
5°	228.9	180.5	134.6	88.7	49.3	16.3	0.0
2.5°	229.7	180.8	134.8	88.8	49.4	16.4	0.0
0°	230.0	180.7	134.7	88.7	49.3	16.4	0.0
-2.5°	229.7	180.8	134.8	88.8	49.4	16.4	0.0
-5°	228.9	180.5	134.6	88.7	49.3	16.3	0.0
-7.5°	227.5	179.8	134.0	88.3	49.2	16.3	0.0
-10°	225.6	178.6	133.0	87.8	48.9	16.2	0.0
-12.5°	223.1	177.0	131.7	87.0	48.4	16.0	0.0
-15°	220.2	174.9	130.1	85.9	47.9	15.8	0.0
-17.5°	216.9	172.4	128.1	84.7	47.1	15.6	0.0
-20°	213.1	169.5	125.8	83.2	46.3	15.4	0.0

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CATALOG NUMBER: GFLD-SA2E-735-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	209.0	166.1	123.1	81.6	45.4	15.2	0.0
-25°	204.3	162.2	120.1	79.7	44.3	14.9	0.0
-27.5°	199.1	157.8	116.8	77.6	43.0	14.5	0.0
-30°	193.4	152.9	113.2	75.3	41.7	14.2	0.0
-32.5°	187.1	147.7	109.0	72.8	40.2	13.8	0.0
-35°	180.3	142.0	104.7	70.1	38.6	13.4	0.0
-37.5°	173.1	136.0	100.0	67.2	36.9	13.0	0.0
-40°	165.3	129.8	95.1	64.1	35.0	12.6	0.0
-42.5°	157.1	123.3	90.3	60.8	33.0	12.1	0.0
-45°	148.4	116.6	85.5	57.3	31.0	11.6	0.0
-47.5°	139.3	109.6	80.5	53.5	28.8	11.1	0.0
-50°	130.6	102.4	75.3	49.9	26.5	10.5	0.0
-52.5°	121.7	94.9	69.9	46.2	24.1	10.0	0.0
-55°	112.5	87.7	64.2	42.4	21.6	9.4	0.0
-57.5°	103.1	80.3	58.3	38.4	19.0	8.8	0.0
-60°	93.6	72.7	52.3	34.4	16.4	8.2	0.0
-62.5°	84.0	64.8	46.8	30.2	15.1	7.6	0.0
-65°	74.2	56.7	41.1	26.0	13.8	6.9	0.0
-67.5°	64.2	49.0	35.4	21.7	12.5	6.3	0.0
-70°	53.9	41.7	29.5	17.2	11.2	5.6	0.0
-72.5°	44.8	34.2	23.5	14.8	9.9	4.9	0.0
-75°	35.8	26.7	17.5	12.7	8.5	4.2	0.0
-77.5°	26.7	19.1	14.1	10.6	7.1	3.5	0.0
-80°	17.5	14.1	11.3	8.5	5.7	2.8	0.0
-82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-87.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)