

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: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4D-730-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N91  
Light Source: (64) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

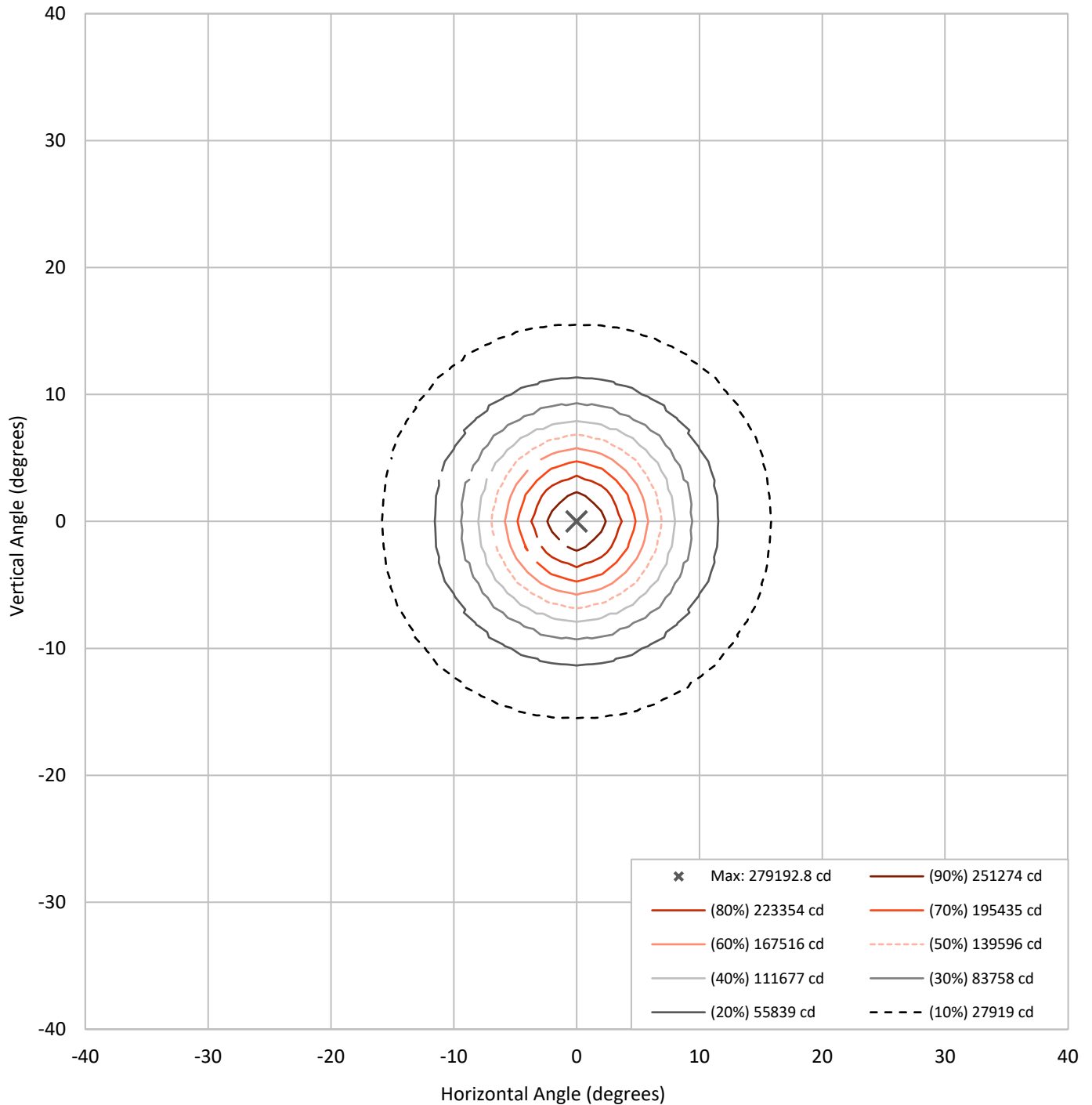
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	29646.2 lumens	Max Intensity:	279192.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	8765.1 lumens	Field Lumens:	19725 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	221.4		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





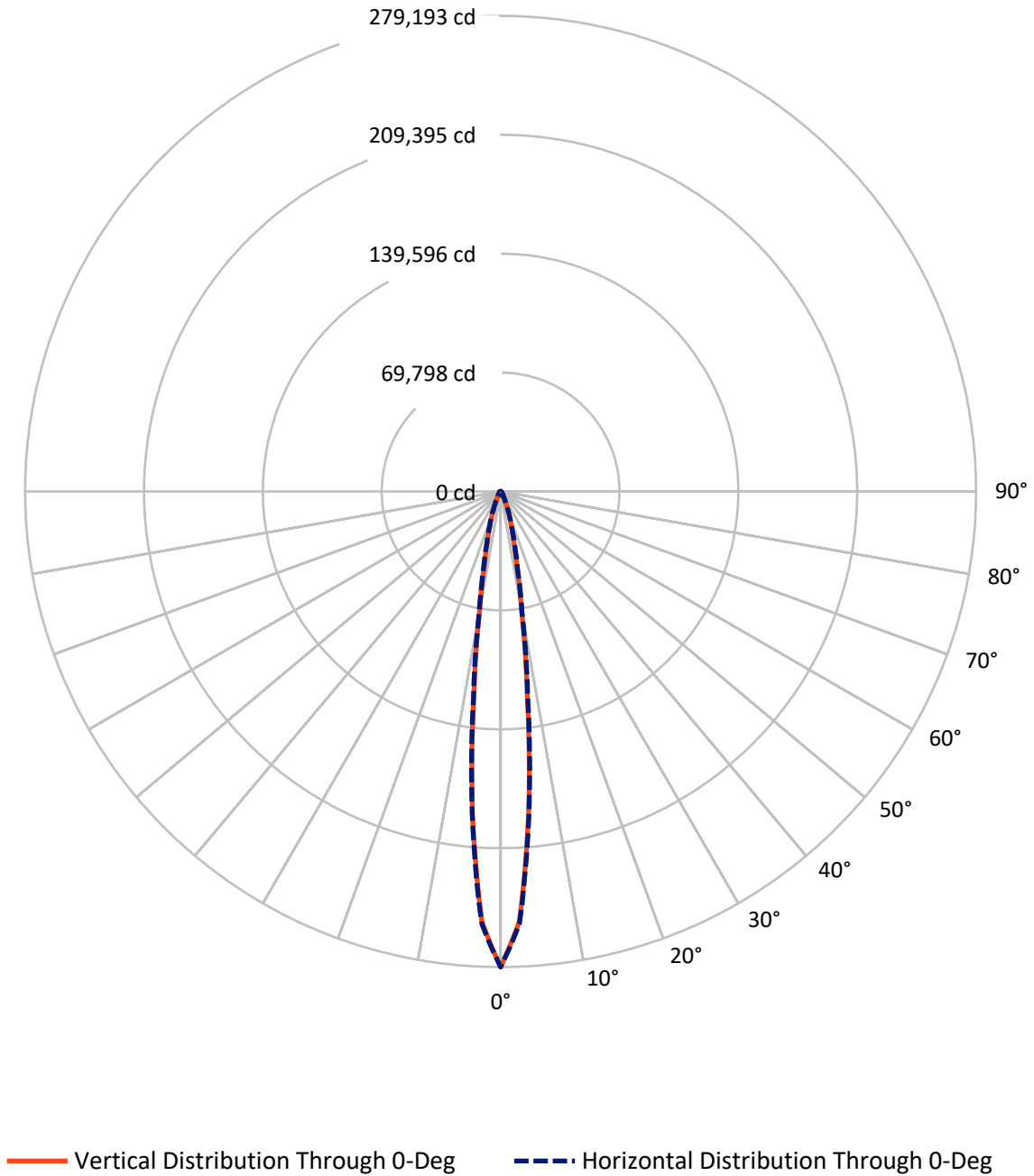
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### Lumen Table

90	0.5	4.1		10.7		17.3		18.8		17.3		10.7		4.1		0.5			
80	0.5	4.1		10.7		17.3		18.8		17.3		10.7		4.1		0.5			
70	1.8	2.1	4.3	7.0	9.9	12.2	13.7	14.3	14.3	13.7	12.2	9.9	7.0	4.3	2.1	1.8			
60		3.2	6.4	10.4	14.0	17.1	19.1	19.9	19.9	19.1	17.1	14.0	10.4	6.4	3.2				
50	3.2	4.1	8.3	12.9	17.1	21.5	25.4	27.4	27.4	25.4	21.5	17.1	12.9	8.3	4.1	3.2			
40		5.0	9.8	14.9	21.1	30.3	42.7	52.9	52.9	42.7	30.3	21.1	14.9	9.8	5.0				
30	4.2	5.6	10.7	16.8	27.3	54.2	123.3	204.2	204.2	123.3	54.2	27.3	16.8	10.7	5.6	4.2			
20		6.0	11.3	18.5	36.2	115.0	408.4	879.7	879.7	408.4	115.0	36.2	18.5	11.3	6.0				
10	4.5	6.2	11.5	19.6	43.8	189.6	887.9	3835.4	3835.4	887.9	189.6	43.8	19.6	11.5	6.2	4.5			
0		6.2	11.5	19.6	43.8	189.6	887.9	3835.4	3835.4	887.9	189.6	43.8	19.6	11.5	6.2				
-10	4.2	6.0	11.3	18.5	36.2	115.0	408.4	879.7	879.7	408.4	115.0	36.2	18.5	11.3	6.0	4.2			
-20		5.6	10.7	16.8	27.3	54.2	123.3	204.2	204.2	123.3	54.2	27.3	16.8	10.7	5.6				
-30	3.2	5.0	9.8	14.9	21.1	30.3	42.7	52.9	52.9	42.7	30.3	21.1	14.9	9.8	5.0	3.2			
-40		4.1	8.3	12.9	17.1	21.5	25.4	27.4	27.4	25.4	21.5	17.1	12.9	8.3	4.1				
-50	1.8	3.2	6.4	10.4	14.0	17.1	19.1	19.9	19.9	19.1	17.1	14.0	10.4	6.4	3.2	1.8			
-60		2.1	4.3	7.0	9.9	12.2	13.7	14.3	14.3	13.7	12.2	9.9	7.0	4.3	2.1				
-70	0.5	4.1		10.7		17.3		18.8		17.3		10.7		4.1		0.5			
-80		4.1		10.7		17.3		18.8		17.3		10.7		4.1					
-90	0.5	4.1		10.7		17.3		18.8		17.3		10.7		4.1		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

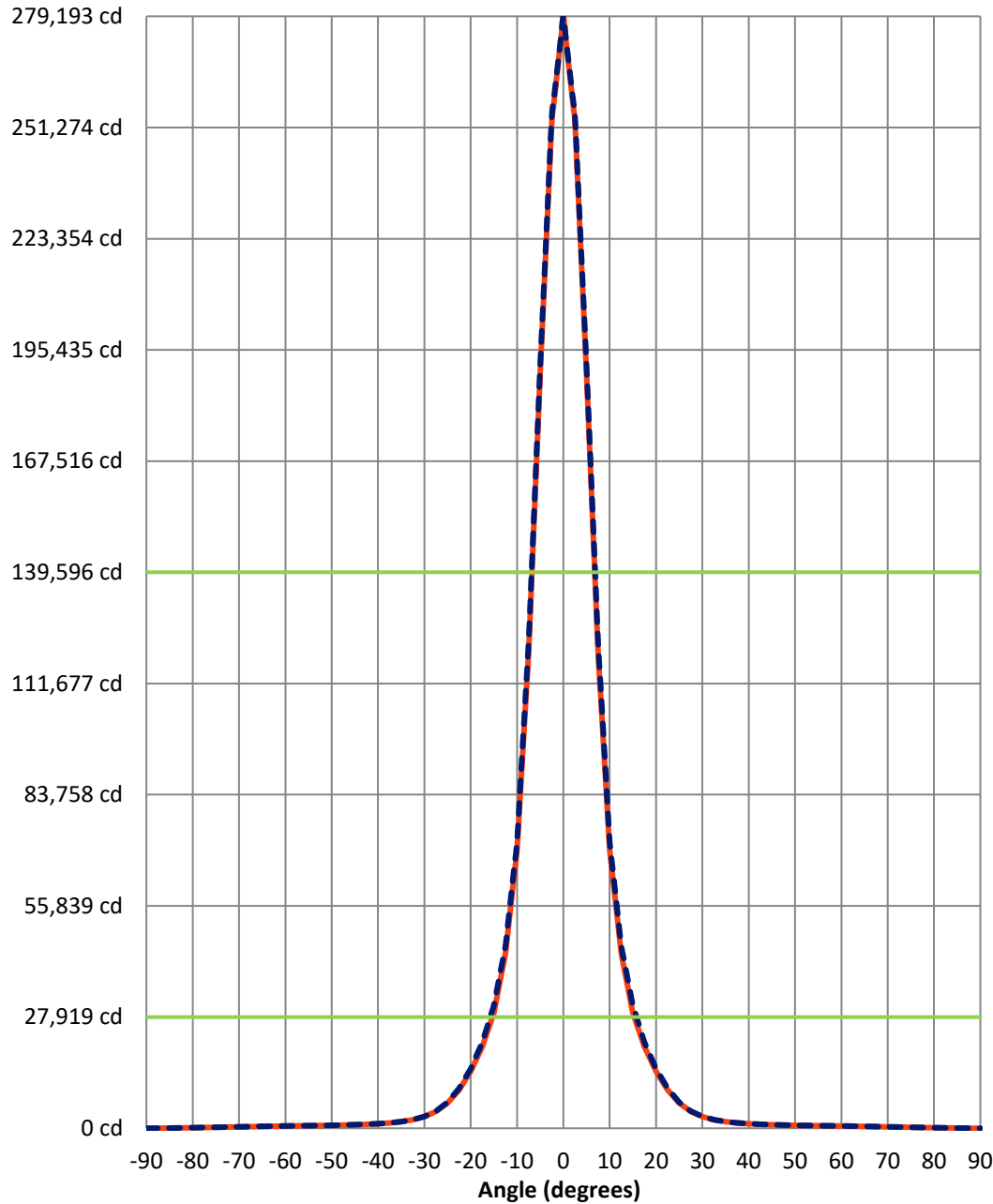
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 8765.1  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 19725  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 9921.2  
 Efficiency: 33.5%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
85°	0.0	1.8	4.2	6.2	8.3	10.3	12.4	14.4	16.3	18.3	20.2
82.5°	0.0	2.7	6.2	9.3	12.4	15.5	18.5	21.5	24.7	29.1	33.4
80°	0.0	3.6	8.3	12.4	16.5	20.6	25.0	31.0	36.9	42.7	48.4
77.5°	0.0	4.5	10.3	15.5	20.6	26.4	34.1	41.6	49.0	56.2	64.0
75°	0.0	5.4	12.3	18.5	24.9	33.6	43.0	52.1	61.1	71.3	81.2
72.5°	0.0	6.2	14.2	21.5	30.3	40.7	51.8	63.0	74.9	86.7	98.4
70°	0.0	7.1	16.1	24.6	35.7	47.6	60.6	74.9	88.6	102.1	117.2
67.5°	0.0	7.9	17.9	28.4	40.9	54.4	70.6	86.7	102.1	119.3	136.3
65°	0.0	8.7	19.7	32.1	46.0	61.8	80.4	98.4	117.2	136.3	156.3
62.5°	0.0	9.5	21.4	35.7	51.0	69.8	90.1	110.9	132.0	153.6	178.8
60°	0.0	10.2	23.1	39.2	55.8	77.6	99.5	123.6	146.6	172.9	200.6
57.5°	0.0	11.0	25.2	42.6	61.8	85.3	109.8	136.0	162.5	191.6	221.7
55°	0.0	11.7	27.3	45.8	67.7	92.7	120.0	147.9	178.3	209.7	242.0
52.5°	0.0	12.3	29.4	49.0	73.5	100.1	129.8	160.7	193.5	227.0	261.5
50°	0.0	13.0	31.4	52.0	79.0	108.0	139.4	173.3	208.1	243.5	280.2
47.5°	0.0	13.6	33.4	55.1	84.4	115.7	148.8	185.5	221.9	259.2	298.5
45°	0.0	14.2	35.2	58.9	89.5	123.0	158.7	197.1	235.2	275.3	316.4
42.5°	0.0	14.7	37.0	62.6	94.4	130.0	168.3	208.3	248.0	291.0	333.8
40°	0.0	15.2	38.8	66.2	99.3	136.7	177.3	218.9	260.5	306.1	350.7
37.5°	0.0	15.6	40.5	69.6	104.4	143.0	185.9	228.9	273.1	320.2	367.2
35°	0.0	16.1	42.0	72.9	109.1	149.5	194.0	238.4	284.7	333.5	383.0
32.5°	0.0	16.5	43.5	75.9	113.6	155.8	201.6	247.3	295.4	345.9	396.7
30°	0.0	16.8	45.0	78.8	117.7	161.7	208.7	255.7	305.3	357.5	409.1
27.5°	0.0	17.1	46.3	81.4	121.8	167.1	215.2	263.7	314.3	368.1	420.3
25°	0.0	17.4	47.5	83.9	125.5	172.1	221.2	270.8	322.9	377.5	430.2
22.5°	0.0	17.6	48.7	86.1	128.9	176.5	226.6	277.2	330.6	385.6	438.9
20°	0.0	17.8	49.7	88.1	131.9	180.4	231.5	282.8	337.4	392.5	446.6
17.5°	0.0	17.9	50.6	89.9	134.6	183.7	235.5	287.5	343.4	398.4	453.5
15°	0.0	18.0	51.5	91.4	137.0	186.4	238.7	291.8	348.4	403.1	459.5
12.5°	0.0	18.1	52.2	92.7	139.0	188.5	241.4	295.7	352.6	406.8	464.4
10°	0.0	18.1	52.7	93.8	140.7	190.2	243.4	298.9	355.9	410.8	469.2
7.5°	0.0	18.1	53.2	94.6	141.9	191.2	244.8	301.6	358.1	414.1	474.7
5°	0.0	18.1	53.5	95.2	142.9	191.8	245.6	303.5	359.3	416.6	479.1
2.5°	0.0	18.0	53.7	95.6	143.4	191.8	245.8	304.7	359.6	418.2	482.4
0°	0.0	17.9	53.8	95.7	143.6	191.4	245.3	305.1	358.9	418.7	484.5
-2.5°	0.0	18.0	53.7	95.6	143.4	191.8	245.8	304.7	359.6	418.2	482.4
-5°	0.0	18.1	53.5	95.2	142.9	191.8	245.6	303.5	359.3	416.6	479.1
-7.5°	0.0	18.1	53.2	94.6	141.9	191.2	244.8	301.6	358.1	414.1	474.7
-10°	0.0	18.1	52.7	93.8	140.7	190.2	243.4	298.9	355.9	410.8	469.2
-12.5°	0.0	18.1	52.2	92.7	139.0	188.5	241.4	295.7	352.6	406.8	464.4
-15°	0.0	18.0	51.5	91.4	137.0	186.4	238.7	291.8	348.4	403.1	459.5
-17.5°	0.0	17.9	50.6	89.9	134.6	183.7	235.5	287.5	343.4	398.4	453.5
-20°	0.0	17.8	49.7	88.1	131.9	180.4	231.5	282.8	337.4	392.5	446.6

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REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

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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	17.6	48.7	86.1	128.9	176.5	226.6	277.2	330.6	385.6	438.9
-25°	0.0	17.4	47.5	83.9	125.5	172.1	221.2	270.8	322.9	377.5	430.2
-27.5°	0.0	17.1	46.3	81.4	121.8	167.1	215.2	263.7	314.3	368.1	420.3
-30°	0.0	16.8	45.0	78.8	117.7	161.7	208.7	255.7	305.3	357.5	409.1
-32.5°	0.0	16.5	43.5	75.9	113.6	155.8	201.6	247.3	295.4	345.9	396.7
-35°	0.0	16.1	42.0	72.9	109.1	149.5	194.0	238.4	284.7	333.5	383.0
-37.5°	0.0	15.6	40.5	69.6	104.4	143.0	185.9	228.9	273.1	320.2	367.2
-40°	0.0	15.2	38.8	66.2	99.3	136.7	177.3	218.9	260.5	306.1	350.7
-42.5°	0.0	14.7	37.0	62.6	94.4	130.0	168.3	208.3	248.0	291.0	333.8
-45°	0.0	14.2	35.2	58.9	89.5	123.0	158.7	197.1	235.2	275.3	316.4
-47.5°	0.0	13.6	33.4	55.1	84.4	115.7	148.8	185.5	221.9	259.2	298.5
-50°	0.0	13.0	31.4	52.0	79.0	108.0	139.4	173.3	208.1	243.5	280.2
-52.5°	0.0	12.3	29.4	49.0	73.5	100.1	129.8	160.7	193.5	227.0	261.5
-55°	0.0	11.7	27.3	45.8	67.7	92.7	120.0	147.9	178.3	209.7	242.0
-57.5°	0.0	11.0	25.2	42.6	61.8	85.3	109.8	136.0	162.5	191.6	221.7
-60°	0.0	10.2	23.1	39.2	55.8	77.6	99.5	123.6	146.6	172.9	200.6
-62.5°	0.0	9.5	21.4	35.7	51.0	69.8	90.1	110.9	132.0	153.6	178.8
-65°	0.0	8.7	19.7	32.1	46.0	61.8	80.4	98.4	117.2	136.3	156.3
-67.5°	0.0	7.9	17.9	28.4	40.9	54.4	70.6	86.7	102.1	119.3	136.3
-70°	0.0	7.1	16.1	24.6	35.7	47.6	60.6	74.9	88.6	102.1	117.2
-72.5°	0.0	6.2	14.2	21.5	30.3	40.7	51.8	63.0	74.9	86.7	98.4
-75°	0.0	5.4	12.3	18.5	24.9	33.6	43.0	52.1	61.1	71.3	81.2
-77.5°	0.0	4.5	10.3	15.5	20.6	26.4	34.1	41.6	49.0	56.2	64.0
-80°	0.0	3.6	8.3	12.4	16.5	20.6	25.0	31.0	36.9	42.7	48.4
-82.5°	0.0	2.7	6.2	9.3	12.4	15.5	18.5	21.5	24.7	29.1	33.4
-85°	0.0	1.8	4.2	6.2	8.3	10.3	12.4	14.4	16.3	18.3	20.2
-87.5°	0.0	0.9	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.1	10.1
-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°	11.0	11.9	12.8	13.7	14.5	15.4	16.1	16.9	17.6	18.3	19.0
85°	22.0	23.9	26.5	29.1	31.4	33.3	34.9	36.3	38.7	41.3	44.0
82.5°	37.6	41.7	45.7	49.7	52.3	54.5	56.5	59.6	64.9	70.0	74.6
80°	54.0	59.5	65.7	71.8	77.0	82.2	87.6	93.2	99.0	104.5	109.7
77.5°	72.1	80.1	87.9	95.5	103.1	111.2	119.1	126.6	133.9	140.8	147.3
75°	91.0	100.6	111.1	121.5	131.6	141.4	151.0	161.3	171.1	180.5	189.4
72.5°	110.9	123.6	136.1	148.2	161.3	174.2	186.6	198.6	210.2	222.4	235.3
70°	132.0	146.6	162.8	178.3	193.0	208.4	223.7	236.9	249.4	266.2	283.4
67.5°	153.7	173.4	191.7	209.3	228.8	246.9	262.5	279.3	297.2	316.6	333.6
65°	179.4	200.8	222.1	244.2	266.8	285.6	305.2	325.9	346.2	365.6	384.0
62.5°	204.7	228.9	253.3	277.5	300.7	323.2	346.8	370.0	392.3	414.8	434.6
60°	229.1	256.5	282.3	307.5	333.8	361.8	388.0	413.7	440.4	465.9	479.2
57.5°	252.7	281.9	308.9	337.2	368.1	399.7	427.2	456.3	479.2	496.8	514.0
55°	274.8	305.2	334.8	366.6	400.1	433.0	463.6	489.5	510.6	526.8	545.1
52.5°	295.5	327.5	359.8	394.6	430.1	465.2	497.2	521.5	540.5	557.1	574.2
50°	315.8	349.5	383.6	421.7	459.8	497.1	528.5	550.7	568.7	585.7	603.3
47.5°	335.8	371.2	407.9	448.5	489.8	525.8	555.6	575.8	594.0	614.0	633.3
45°	355.5	393.8	432.6	476.2	517.7	552.4	577.7	598.0	620.4	642.0	662.6
42.5°	374.7	415.9	458.0	503.3	543.4	574.7	598.2	622.2	646.3	669.3	692.7
40°	394.0	437.2	481.8	526.8	567.2	594.2	619.2	645.0	671.6	696.6	722.5
37.5°	412.5	457.3	503.3	548.7	585.4	612.8	638.6	667.2	695.3	722.6	756.2
35°	430.1	475.5	521.9	565.9	601.2	629.5	658.5	688.5	718.0	753.2	791.6
32.5°	445.9	491.9	538.9	579.9	614.4	645.0	677.5	708.9	744.2	784.1	830.2
30°	459.1	506.2	553.4	593.4	627.2	659.5	694.8	729.4	770.7	818.7	873.5
27.5°	470.7	519.0	564.9	605.0	639.3	671.5	708.6	752.4	799.8	853.6	918.0
25°	481.6	532.0	575.8	615.6	649.0	682.7	722.4	770.8	827.8	892.6	971.5
22.5°	491.9	544.5	586.9	625.7	656.6	693.0	737.7	790.3	852.4	928.4	1024.2
20°	501.7	553.9	595.8	633.6	662.4	701.9	751.3	807.4	877.9	968.5	1079.4
17.5°	510.8	561.9	602.7	638.3	669.8	711.5	763.2	821.4	900.1	1005.0	1130.2
15°	519.0	568.6	608.3	642.1	676.5	721.5	775.6	838.6	924.6	1039.7	1175.1
12.5°	526.2	574.0	612.6	645.0	681.8	729.7	786.6	856.6	951.0	1073.9	1232.0
10°	532.4	578.1	615.6	647.1	685.8	736.0	795.8	871.2	972.1	1100.4	1275.9
7.5°	537.7	581.5	617.6	648.2	688.5	740.4	803.0	882.4	986.8	1119.2	1307.5
5°	541.4	584.1	620.1	651.9	692.5	743.8	808.3	890.0	995.4	1130.4	1327.2
2.5°	543.6	585.7	621.6	655.4	696.9	746.8	812.2	898.4	1002.4	1141.3	1342.2
0°	544.3	586.2	622.1	658.0	699.9	747.7	813.5	903.2	1004.9	1148.5	1351.9
-2.5°	543.6	585.7	621.6	655.4	696.9	746.8	812.2	898.4	1002.4	1141.3	1342.2
-5°	541.4	584.1	620.1	651.9	692.5	743.8	808.3	890.0	995.4	1130.4	1327.2
-7.5°	537.7	581.5	617.6	648.2	688.5	740.4	803.0	882.4	986.8	1119.2	1307.5
-10°	532.4	578.1	615.6	647.1	685.8	736.0	795.8	871.2	972.1	1100.4	1275.9
-12.5°	526.2	574.0	612.6	645.0	681.8	729.7	786.6	856.6	951.0	1073.9	1232.0
-15°	519.0	568.6	608.3	642.1	676.5	721.5	775.6	838.6	924.6	1039.7	1175.1
-17.5°	510.8	561.9	602.7	638.3	669.8	711.5	763.2	821.4	900.1	1005.0	1130.2
-20°	501.7	553.9	595.8	633.6	662.4	701.9	751.3	807.4	877.9	968.5	1079.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	491.9	544.5	586.9	625.7	656.6	693.0	737.7	790.3	852.4	928.4	1024.2
-25°	481.6	532.0	575.8	615.6	649.0	682.7	722.4	770.8	827.8	892.6	971.5
-27.5°	470.7	519.0	564.9	605.0	639.3	671.5	708.6	752.4	799.8	853.6	918.0
-30°	459.1	506.2	553.4	593.4	627.2	659.5	694.8	729.4	770.7	818.7	873.5
-32.5°	445.9	491.9	538.9	579.9	614.4	645.0	677.5	708.9	744.2	784.1	830.2
-35°	430.1	475.5	521.9	565.9	601.2	629.5	658.5	688.5	718.0	753.2	791.6
-37.5°	412.5	457.3	503.3	548.7	585.4	612.8	638.6	667.2	695.3	722.6	756.2
-40°	394.0	437.2	481.8	526.8	567.2	594.2	619.2	645.0	671.6	696.6	722.5
-42.5°	374.7	415.9	458.0	503.3	543.4	574.7	598.2	622.2	646.3	669.3	692.7
-45°	355.5	393.8	432.6	476.2	517.7	552.4	577.7	598.0	620.4	642.0	662.6
-47.5°	335.8	371.2	407.9	448.5	489.8	525.8	555.6	575.8	594.0	614.0	633.3
-50°	315.8	349.5	383.6	421.7	459.8	497.1	528.5	550.7	568.7	585.7	603.3
-52.5°	295.5	327.5	359.8	394.6	430.1	465.2	497.2	521.5	540.5	557.1	574.2
-55°	274.8	305.2	334.8	366.6	400.1	433.0	463.6	489.5	510.6	526.8	545.1
-57.5°	252.7	281.9	308.9	337.2	368.1	399.7	427.2	456.3	479.2	496.8	514.0
-60°	229.1	256.5	282.3	307.5	333.8	361.8	388.0	413.7	440.4	465.9	479.2
-62.5°	204.7	228.9	253.3	277.5	300.7	323.2	346.8	370.0	392.3	414.8	434.6
-65°	179.4	200.8	222.1	244.2	266.8	285.6	305.2	325.9	346.2	365.6	384.0
-67.5°	153.7	173.4	191.7	209.3	228.8	246.9	262.5	279.3	297.2	316.6	333.6
-70°	132.0	146.6	162.8	178.3	193.0	208.4	223.7	236.9	249.4	266.2	283.4
-72.5°	110.9	123.6	136.1	148.2	161.3	174.2	186.6	198.6	210.2	222.4	235.3
-75°	91.0	100.6	111.1	121.5	131.6	141.4	151.0	161.3	171.1	180.5	189.4
-77.5°	72.1	80.1	87.9	95.5	103.1	111.2	119.1	126.6	133.9	140.8	147.3
-80°	54.0	59.5	65.7	71.8	77.0	82.2	87.6	93.2	99.0	104.5	109.7
-82.5°	37.6	41.7	45.7	49.7	52.3	54.5	56.5	59.6	64.9	70.0	74.6
-85°	22.0	23.9	26.5	29.1	31.4	33.3	34.9	36.3	38.7	41.3	44.0
-87.5°	11.0	11.9	12.8	13.7	14.5	15.4	16.1	16.9	17.6	18.3	19.0
-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: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	21.9	20.6
85°	46.8	48.5	50.2	51.7	53.1	54.3	55.5	56.5	57.3	56.6	55.7
82.5°	78.8	81.9	84.8	87.4	89.9	92.1	94.1	95.9	97.4	97.3	96.8
80°	114.7	119.8	124.9	130.0	135.0	138.1	140.3	141.9	143.0	143.6	143.7
77.5°	154.1	162.0	170.3	178.4	186.4	191.0	194.3	197.0	199.2	199.7	199.3
75°	197.8	208.1	219.3	229.2	237.8	243.0	246.7	249.8	252.3	252.9	252.6
72.5°	248.6	261.3	271.4	279.7	286.9	292.6	297.2	301.0	304.2	305.5	305.7
70°	298.6	311.1	320.7	329.2	336.2	342.1	347.6	352.3	356.2	359.0	361.1
67.5°	349.2	363.5	373.4	381.1	387.1	393.2	400.5	406.8	412.1	415.7	417.4
65°	401.2	415.9	425.5	433.8	441.2	449.0	457.1	463.1	467.0	469.4	471.0
62.5°	451.5	465.2	477.2	488.4	499.1	508.0	513.5	518.5	522.7	526.3	529.0
60°	494.7	512.3	525.7	536.3	546.8	556.9	563.7	569.1	573.4	576.5	578.4
57.5°	531.6	549.5	565.3	575.7	587.0	599.1	607.0	611.5	615.7	619.3	621.0
55°	563.9	580.4	595.0	609.1	621.8	632.6	641.0	647.2	652.4	656.5	657.9
52.5°	592.9	610.9	628.0	643.0	655.4	665.8	674.2	681.8	687.6	691.6	693.3
50°	623.4	642.7	661.0	677.5	690.3	701.9	712.3	721.3	729.9	736.7	741.6
47.5°	653.4	674.0	694.2	712.3	727.7	744.5	759.6	772.4	785.0	795.1	802.1
45°	683.6	707.4	729.4	752.7	773.5	795.6	816.1	833.8	852.0	865.7	874.9
42.5°	717.2	744.2	770.7	799.8	828.1	856.9	888.0	915.7	937.1	957.2	973.5
40°	753.2	784.1	818.7	854.3	896.2	934.2	975.9	1011.7	1044.1	1078.4	1105.6
37.5°	791.6	830.2	875.7	923.3	977.5	1029.4	1083.9	1137.5	1184.3	1239.4	1281.5
35°	834.1	885.6	941.6	1006.0	1073.3	1147.8	1222.4	1308.6	1382.7	1464.3	1535.4
32.5°	884.3	945.8	1019.2	1104.2	1190.8	1303.7	1409.3	1546.4	1665.0	1794.5	1924.9
30°	936.0	1016.3	1111.1	1218.2	1355.8	1511.1	1684.2	1888.3	2098.7	2302.2	2547.8
27.5°	1000.0	1097.0	1211.7	1368.2	1570.7	1780.7	2078.3	2384.6	2771.3	3091.2	3542.2
25°	1066.5	1180.7	1343.7	1556.6	1820.9	2185.2	2636.8	3126.4	3806.8	4404.6	5105.7
22.5°	1138.9	1293.0	1495.9	1758.6	2159.5	2718.6	3402.5	4324.1	5327.7	6393.3	7453.2
20°	1214.4	1400.8	1666.7	2047.5	2597.5	3354.8	4528.9	5951.6	7385.4	9143.5	10700.3
17.5°	1301.7	1539.0	1866.7	2342.8	3076.9	4236.8	5865.6	7851.9	10076.3	12604.1	14848.5
15°	1374.5	1657.4	2071.0	2737.2	3746.7	5236.4	7290.5	10022.9	13365.5	16760.4	20204.8
12.5°	1459.0	1786.2	2272.0	3066.4	4334.2	6314.1	9109.9	12568.5	16743.0	21451.9	27003.2
10°	1534.0	1912.8	2516.6	3499.8	5049.3	7438.0	10831.1	14992.0	20379.2	27154.3	35750.9
7.5°	1589.6	2013.4	2705.5	3829.8	5667.5	8518.6	12457.4	17645.9	24491.2	33437.7	45235.9
5°	1625.7	2086.3	2839.1	4084.3	6151.4	9322.8	13649.2	19528.2	27786.6	40440.0	60418.6
2.5°	1647.3	2129.5	2915.3	4233.6	6445.7	9855.6	14555.9	20951.5	29922.2	44767.4	70183.8
0°	1656.9	2141.5	2961.0	4312.9	6544.0	10061.3	14972.4	21600.1	30877.9	45778.4	71900.8
-2.5°	1647.3	2129.5	2915.3	4233.6	6445.7	9855.6	14555.9	20951.5	29922.2	44767.4	70183.8
-5°	1625.7	2086.3	2839.1	4084.3	6151.4	9322.8	13649.2	19528.2	27786.6	40440.0	60418.6
-7.5°	1589.6	2013.4	2705.5	3829.8	5667.5	8518.6	12457.4	17645.9	24491.2	33437.7	45235.9
-10°	1534.0	1912.8	2516.6	3499.8	5049.3	7438.0	10831.1	14992.0	20379.2	27154.3	35750.9
-12.5°	1459.0	1786.2	2272.0	3066.4	4334.2	6314.1	9109.9	12568.5	16743.0	21451.9	27003.2
-15°	1374.5	1657.4	2071.0	2737.2	3746.7	5236.4	7290.5	10022.9	13365.5	16760.4	20204.8
-17.5°	1301.7	1539.0	1866.7	2342.8	3076.9	4236.8	5865.6	7851.9	10076.3	12604.1	14848.5
-20°	1214.4	1400.8	1666.7	2047.5	2597.5	3354.8	4528.9	5951.6	7385.4	9143.5	10700.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1138.9	1293.0	1495.9	1758.6	2159.5	2718.6	3402.5	4324.1	5327.7	6393.3	7453.2
-25°	1066.5	1180.7	1343.7	1556.6	1820.9	2185.2	2636.8	3126.4	3806.8	4404.6	5105.7
-27.5°	1000.0	1097.0	1211.7	1368.2	1570.7	1780.7	2078.3	2384.6	2771.3	3091.2	3542.2
-30°	936.0	1016.3	1111.1	1218.2	1355.8	1511.1	1684.2	1888.3	2098.7	2302.2	2547.8
-32.5°	884.3	945.8	1019.2	1104.2	1190.8	1303.7	1409.3	1546.4	1665.0	1794.5	1924.9
-35°	834.1	885.6	941.6	1006.0	1073.3	1147.8	1222.4	1308.6	1382.7	1464.3	1535.4
-37.5°	791.6	830.2	875.7	923.3	977.5	1029.4	1083.9	1137.5	1184.3	1239.4	1281.5
-40°	753.2	784.1	818.7	854.3	896.2	934.2	975.9	1011.7	1044.1	1078.4	1105.6
-42.5°	717.2	744.2	770.7	799.8	828.1	856.9	888.0	915.7	937.1	957.2	973.5
-45°	683.6	707.4	729.4	752.7	773.5	795.6	816.1	833.8	852.0	865.7	874.9
-47.5°	653.4	674.0	694.2	712.3	727.7	744.5	759.6	772.4	785.0	795.1	802.1
-50°	623.4	642.7	661.0	677.5	690.3	701.9	712.3	721.3	729.9	736.7	741.6
-52.5°	592.9	610.9	628.0	643.0	655.4	665.8	674.2	681.8	687.6	691.6	693.3
-55°	563.9	580.4	595.0	609.1	621.8	632.6	641.0	647.2	652.4	656.5	657.9
-57.5°	531.6	549.5	565.3	575.7	587.0	599.1	607.0	611.5	615.7	619.3	621.0
-60°	494.7	512.3	525.7	536.3	546.8	556.9	563.7	569.1	573.4	576.5	578.4
-62.5°	451.5	465.2	477.2	488.4	499.1	508.0	513.5	518.5	522.7	526.3	529.0
-65°	401.2	415.9	425.5	433.8	441.2	449.0	457.1	463.1	467.0	469.4	471.0
-67.5°	349.2	363.5	373.4	381.1	387.1	393.2	400.5	406.8	412.1	415.7	417.4
-70°	298.6	311.1	320.7	329.2	336.2	342.1	347.6	352.3	356.2	359.0	361.1
-72.5°	248.6	261.3	271.4	279.7	286.9	292.6	297.2	301.0	304.2	305.5	305.7
-75°	197.8	208.1	219.3	229.2	237.8	243.0	246.7	249.8	252.3	252.9	252.6
-77.5°	154.1	162.0	170.3	178.4	186.4	191.0	194.3	197.0	199.2	199.7	199.3
-80°	114.7	119.8	124.9	130.0	135.0	138.1	140.3	141.9	143.0	143.6	143.7
-82.5°	78.8	81.9	84.8	87.4	89.9	92.1	94.1	95.9	97.4	97.3	96.8
-85°	46.8	48.5	50.2	51.7	53.1	54.3	55.5	56.5	57.3	56.6	55.7
-87.5°	19.6	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	21.9	20.6
-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: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.2	17.8	17.9	17.9	17.9	17.8	19.2	20.6	21.9	23.1	22.8
85°	54.7	53.5	53.7	53.8	53.7	53.5	54.7	55.7	56.6	57.3	56.5
82.5°	96.2	95.2	95.6	95.7	95.6	95.2	96.2	96.8	97.3	97.4	95.9
80°	143.5	142.9	140.5	137.6	140.5	142.9	143.5	143.7	143.6	143.0	141.9
77.5°	198.2	196.5	194.2	191.4	194.2	196.5	198.2	199.3	199.7	199.2	197.0
75°	251.7	250.2	250.9	251.2	250.9	250.2	251.7	252.6	252.9	252.3	249.8
72.5°	305.2	303.9	304.7	305.1	304.7	303.9	305.2	305.7	305.5	304.2	301.0
70°	362.5	363.2	361.6	358.9	361.6	363.2	362.5	361.1	359.0	356.2	352.3
67.5°	417.9	417.2	415.5	412.7	415.5	417.2	417.9	417.4	415.7	412.1	406.8
65°	471.6	471.0	472.0	472.6	472.0	471.0	471.6	471.0	469.4	467.0	463.1
62.5°	530.4	530.4	529.1	526.4	529.1	530.4	530.4	529.0	526.3	522.7	518.5
60°	579.2	578.7	577.1	574.2	577.1	578.7	579.2	578.4	576.5	573.4	569.1
57.5°	621.5	620.9	619.1	616.1	619.1	620.9	621.5	621.0	619.3	615.7	611.5
55°	658.0	657.1	655.1	652.0	655.1	657.1	658.0	657.9	656.5	652.4	647.2
52.5°	693.8	693.0	693.3	693.9	693.3	693.0	693.8	693.3	691.6	687.6	681.8
50°	744.6	745.6	744.7	741.7	744.7	745.6	744.6	741.6	736.7	729.9	721.3
47.5°	805.5	805.8	804.4	801.6	804.4	805.8	805.5	802.1	795.1	785.0	772.4
45°	882.2	886.6	887.7	885.3	887.7	886.6	882.2	874.9	865.7	852.0	833.8
42.5°	986.1	992.9	994.9	993.0	994.9	992.9	986.1	973.5	957.2	937.1	915.7
40°	1122.4	1130.1	1131.6	1130.6	1131.6	1130.1	1122.4	1105.6	1078.4	1044.1	1011.7
37.5°	1311.1	1330.0	1338.9	1339.9	1338.9	1330.0	1311.1	1281.5	1239.4	1184.3	1137.5
35°	1589.6	1627.1	1647.2	1656.9	1647.2	1627.1	1589.6	1535.4	1464.3	1382.7	1308.6
32.5°	2023.7	2098.9	2140.6	2135.5	2140.6	2098.9	2023.7	1924.9	1794.5	1665.0	1546.4
30°	2732.9	2864.4	2930.7	2913.1	2930.7	2864.4	2732.9	2547.8	2302.2	2098.7	1888.3
27.5°	3866.0	4103.8	4241.3	4223.1	4241.3	4103.8	3866.0	3542.2	3091.2	2771.3	2384.6
25°	5691.8	6125.7	6403.5	6334.7	6403.5	6125.7	5691.8	5105.7	4404.6	3806.8	3126.4
22.5°	8469.2	9204.2	9690.6	9630.6	9690.6	9204.2	8469.2	7453.2	6393.3	5327.7	4324.1
20°	12279.0	13397.7	14196.6	14302.4	14196.6	13397.7	12279.0	10700.3	9143.5	7385.4	5951.6
17.5°	17272.9	19046.7	20281.5	20487.5	20281.5	19046.7	17272.9	14848.5	12604.1	10076.3	7851.9
15°	23763.1	26662.4	28760.6	28933.8	28760.6	26662.4	23763.1	20204.8	16760.4	13365.5	10022.9
12.5°	32575.9	38407.1	42212.8	43888.2	42212.8	38407.1	32575.9	27003.2	21451.9	16743.0	12568.5
10°	44772.3	58166.3	66744.0	69968.7	66744.0	58166.3	44772.3	35750.9	27154.3	20379.2	14992.0
7.5°	65144.0	86172.9	109551.5	119515.7	109551.5	86172.9	65144.0	45235.9	33437.7	24491.2	17645.9
5°	88213.4	131856.8	173369.4	189580.0	173369.4	131856.8	88213.4	60418.6	40440.0	27786.6	19528.2
2.5°	112488.3	173320.8	230325.6	252618.8	230325.6	173320.8	112488.3	70183.8	44767.4	29922.2	20951.5
0°	121968.1	191476.2	254195.0	279192.8	254195.0	191476.2	121968.1	71900.8	45778.4	30877.9	21600.1
-2.5°	112488.3	173320.8	230325.6	252618.8	230325.6	173320.8	112488.3	70183.8	44767.4	29922.2	20951.5
-5°	88213.4	131856.8	173369.4	189580.0	173369.4	131856.8	88213.4	60418.6	40440.0	27786.6	19528.2
-7.5°	65144.0	86172.9	109551.5	119515.7	109551.5	86172.9	65144.0	45235.9	33437.7	24491.2	17645.9
-10°	44772.3	58166.3	66744.0	69968.7	66744.0	58166.3	44772.3	35750.9	27154.3	20379.2	14992.0
-12.5°	32575.9	38407.1	42212.8	43888.2	42212.8	38407.1	32575.9	27003.2	21451.9	16743.0	12568.5
-15°	23763.1	26662.4	28760.6	28933.8	28760.6	26662.4	23763.1	20204.8	16760.4	13365.5	10022.9
-17.5°	17272.9	19046.7	20281.5	20487.5	20281.5	19046.7	17272.9	14848.5	12604.1	10076.3	7851.9
-20°	12279.0	13397.7	14196.6	14302.4	14196.6	13397.7	12279.0	10700.3	9143.5	7385.4	5951.6



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8469.2	9204.2	9690.6	9630.6	9690.6	9204.2	8469.2	7453.2	6393.3	5327.7	4324.1
-25°	5691.8	6125.7	6403.5	6334.7	6403.5	6125.7	5691.8	5105.7	4404.6	3806.8	3126.4
-27.5°	3866.0	4103.8	4241.3	4223.1	4241.3	4103.8	3866.0	3542.2	3091.2	2771.3	2384.6
-30°	2732.9	2864.4	2930.7	2913.1	2930.7	2864.4	2732.9	2547.8	2302.2	2098.7	1888.3
-32.5°	2023.7	2098.9	2140.6	2135.5	2140.6	2098.9	2023.7	1924.9	1794.5	1665.0	1546.4
-35°	1589.6	1627.1	1647.2	1656.9	1647.2	1627.1	1589.6	1535.4	1464.3	1382.7	1308.6
-37.5°	1311.1	1330.0	1338.9	1339.9	1338.9	1330.0	1311.1	1281.5	1239.4	1184.3	1137.5
-40°	1122.4	1130.1	1131.6	1130.6	1131.6	1130.1	1122.4	1105.6	1078.4	1044.1	1011.7
-42.5°	986.1	992.9	994.9	993.0	994.9	992.9	986.1	973.5	957.2	937.1	915.7
-45°	882.2	886.6	887.7	885.3	887.7	886.6	882.2	874.9	865.7	852.0	833.8
-47.5°	805.5	805.8	804.4	801.6	804.4	805.8	805.5	802.1	795.1	785.0	772.4
-50°	744.6	745.6	744.7	741.7	744.7	745.6	744.6	741.6	736.7	729.9	721.3
-52.5°	693.8	693.0	693.3	693.9	693.3	693.0	693.8	693.3	691.6	687.6	681.8
-55°	658.0	657.1	655.1	652.0	655.1	657.1	658.0	657.9	656.5	652.4	647.2
-57.5°	621.5	620.9	619.1	616.1	619.1	620.9	621.5	621.0	619.3	615.7	611.5
-60°	579.2	578.7	577.1	574.2	577.1	578.7	579.2	578.4	576.5	573.4	569.1
-62.5°	530.4	530.4	529.1	526.4	529.1	530.4	530.4	529.0	526.3	522.7	518.5
-65°	471.6	471.0	472.0	472.6	472.0	471.0	471.6	471.0	469.4	467.0	463.1
-67.5°	417.9	417.2	415.5	412.7	415.5	417.2	417.9	417.4	415.7	412.1	406.8
-70°	362.5	363.2	361.6	358.9	361.6	363.2	362.5	361.1	359.0	356.2	352.3
-72.5°	305.2	303.9	304.7	305.1	304.7	303.9	305.2	305.7	305.5	304.2	301.0
-75°	251.7	250.2	250.9	251.2	250.9	250.2	251.7	252.6	252.9	252.3	249.8
-77.5°	198.2	196.5	194.2	191.4	194.2	196.5	198.2	199.3	199.7	199.2	197.0
-80°	143.5	142.9	140.5	137.6	140.5	142.9	143.5	143.7	143.6	143.0	141.9
-82.5°	96.2	95.2	95.6	95.7	95.6	95.2	96.2	96.8	97.3	97.4	95.9
-85°	54.7	53.5	53.7	53.8	53.7	53.5	54.7	55.7	56.6	57.3	56.5
-87.5°	19.2	17.8	17.9	17.9	17.9	17.8	19.2	20.6	21.9	23.1	22.8
-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: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.5	22.1	21.7	21.2	20.7	20.2	19.6	19.0	18.3	17.6	16.9
85°	55.5	54.3	53.1	51.7	50.2	48.5	46.8	44.0	41.3	38.7	36.3
82.5°	94.1	92.1	89.9	87.4	84.8	81.9	78.8	74.6	70.0	64.9	59.6
80°	140.3	138.1	135.0	130.0	124.9	119.8	114.7	109.7	104.5	99.0	93.2
77.5°	194.3	191.0	186.4	178.4	170.3	162.0	154.1	147.3	140.8	133.9	126.6
75°	246.7	243.0	237.8	229.2	219.3	208.1	197.8	189.4	180.5	171.1	161.3
72.5°	297.2	292.6	286.9	279.7	271.4	261.3	248.6	235.3	222.4	210.2	198.6
70°	347.6	342.1	336.2	329.2	320.7	311.1	298.6	283.4	266.2	249.4	236.9
67.5°	400.5	393.2	387.1	381.1	373.4	363.5	349.2	333.6	316.6	297.2	279.3
65°	457.1	449.0	441.2	433.8	425.5	415.9	401.2	384.0	365.6	346.2	325.9
62.5°	513.5	508.0	499.1	488.4	477.2	465.2	451.5	434.6	414.8	392.3	370.0
60°	563.7	556.9	546.8	536.3	525.7	512.3	494.7	479.2	465.9	440.4	413.7
57.5°	607.0	599.1	587.0	575.7	565.3	549.5	531.6	514.0	496.8	479.2	456.3
55°	641.0	632.6	621.8	609.1	595.0	580.4	563.9	545.1	526.8	510.6	489.5
52.5°	674.2	665.8	655.4	643.0	628.0	610.9	592.9	574.2	557.1	540.5	521.5
50°	712.3	701.9	690.3	677.5	661.0	642.7	623.4	603.3	585.7	568.7	550.7
47.5°	759.6	744.5	727.7	712.3	694.2	674.0	653.4	633.3	614.0	594.0	575.8
45°	816.1	795.6	773.5	752.7	729.4	707.4	683.6	662.6	642.0	620.4	598.0
42.5°	888.0	856.9	828.1	799.8	770.7	744.2	717.2	692.7	669.3	646.3	622.2
40°	975.9	934.2	896.2	854.3	818.7	784.1	753.2	722.5	696.6	671.6	645.0
37.5°	1083.9	1029.4	977.5	923.3	875.7	830.2	791.6	756.2	722.6	695.3	667.2
35°	1222.4	1147.8	1073.3	1006.0	941.6	885.6	834.1	791.6	753.2	718.0	688.5
32.5°	1409.3	1303.7	1190.8	1104.2	1019.2	945.8	884.3	830.2	784.1	744.2	708.9
30°	1684.2	1511.1	1355.8	1218.2	1111.1	1016.3	936.0	873.5	818.7	770.7	729.4
27.5°	2078.3	1780.7	1570.7	1368.2	1211.7	1097.0	1000.0	918.0	853.6	799.8	752.4
25°	2636.8	2185.2	1820.9	1556.6	1343.7	1180.7	1066.5	971.5	892.6	827.8	770.8
22.5°	3402.5	2718.6	2159.5	1758.6	1495.9	1293.0	1138.9	1024.2	928.4	852.4	790.3
20°	4528.9	3354.8	2597.5	2047.5	1666.7	1400.8	1214.4	1079.4	968.5	877.9	807.4
17.5°	5865.6	4236.8	3076.9	2342.8	1866.7	1539.0	1301.7	1130.2	1005.0	900.1	821.4
15°	7290.5	5236.4	3746.7	2737.2	2071.0	1657.4	1374.5	1175.1	1039.7	924.6	838.6
12.5°	9109.9	6314.1	4334.2	3066.4	2272.0	1786.2	1459.0	1232.0	1073.9	951.0	856.6
10°	10831.1	7438.0	5049.3	3499.8	2516.6	1912.8	1534.0	1275.9	1100.4	972.1	871.2
7.5°	12457.4	8518.6	5667.5	3829.8	2705.5	2013.4	1589.6	1307.5	1119.2	986.8	882.4
5°	13649.2	9322.8	6151.4	4084.3	2839.1	2086.3	1625.7	1327.2	1130.4	995.4	890.0
2.5°	14555.9	9855.6	6445.7	4233.6	2915.3	2129.5	1647.3	1342.2	1141.3	1002.4	898.4
0°	14972.4	10061.3	6544.0	4312.9	2961.0	2141.5	1656.9	1351.9	1148.5	1004.9	903.2
-2.5°	14555.9	9855.6	6445.7	4233.6	2915.3	2129.5	1647.3	1342.2	1141.3	1002.4	898.4
-5°	13649.2	9322.8	6151.4	4084.3	2839.1	2086.3	1625.7	1327.2	1130.4	995.4	890.0
-7.5°	12457.4	8518.6	5667.5	3829.8	2705.5	2013.4	1589.6	1307.5	1119.2	986.8	882.4
-10°	10831.1	7438.0	5049.3	3499.8	2516.6	1912.8	1534.0	1275.9	1100.4	972.1	871.2
-12.5°	9109.9	6314.1	4334.2	3066.4	2272.0	1786.2	1459.0	1232.0	1073.9	951.0	856.6
-15°	7290.5	5236.4	3746.7	2737.2	2071.0	1657.4	1374.5	1175.1	1039.7	924.6	838.6
-17.5°	5865.6	4236.8	3076.9	2342.8	1866.7	1539.0	1301.7	1130.2	1005.0	900.1	821.4
-20°	4528.9	3354.8	2597.5	2047.5	1666.7	1400.8	1214.4	1079.4	968.5	877.9	807.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3402.5	2718.6	2159.5	1758.6	1495.9	1293.0	1138.9	1024.2	928.4	852.4	790.3
-25°	2636.8	2185.2	1820.9	1556.6	1343.7	1180.7	1066.5	971.5	892.6	827.8	770.8
-27.5°	2078.3	1780.7	1570.7	1368.2	1211.7	1097.0	1000.0	918.0	853.6	799.8	752.4
-30°	1684.2	1511.1	1355.8	1218.2	1111.1	1016.3	936.0	873.5	818.7	770.7	729.4
-32.5°	1409.3	1303.7	1190.8	1104.2	1019.2	945.8	884.3	830.2	784.1	744.2	708.9
-35°	1222.4	1147.8	1073.3	1006.0	941.6	885.6	834.1	791.6	753.2	718.0	688.5
-37.5°	1083.9	1029.4	977.5	923.3	875.7	830.2	791.6	756.2	722.6	695.3	667.2
-40°	975.9	934.2	896.2	854.3	818.7	784.1	753.2	722.5	696.6	671.6	645.0
-42.5°	888.0	856.9	828.1	799.8	770.7	744.2	717.2	692.7	669.3	646.3	622.2
-45°	816.1	795.6	773.5	752.7	729.4	707.4	683.6	662.6	642.0	620.4	598.0
-47.5°	759.6	744.5	727.7	712.3	694.2	674.0	653.4	633.3	614.0	594.0	575.8
-50°	712.3	701.9	690.3	677.5	661.0	642.7	623.4	603.3	585.7	568.7	550.7
-52.5°	674.2	665.8	655.4	643.0	628.0	610.9	592.9	574.2	557.1	540.5	521.5
-55°	641.0	632.6	621.8	609.1	595.0	580.4	563.9	545.1	526.8	510.6	489.5
-57.5°	607.0	599.1	587.0	575.7	565.3	549.5	531.6	514.0	496.8	479.2	456.3
-60°	563.7	556.9	546.8	536.3	525.7	512.3	494.7	479.2	465.9	440.4	413.7
-62.5°	513.5	508.0	499.1	488.4	477.2	465.2	451.5	434.6	414.8	392.3	370.0
-65°	457.1	449.0	441.2	433.8	425.5	415.9	401.2	384.0	365.6	346.2	325.9
-67.5°	400.5	393.2	387.1	381.1	373.4	363.5	349.2	333.6	316.6	297.2	279.3
-70°	347.6	342.1	336.2	329.2	320.7	311.1	298.6	283.4	266.2	249.4	236.9
-72.5°	297.2	292.6	286.9	279.7	271.4	261.3	248.6	235.3	222.4	210.2	198.6
-75°	246.7	243.0	237.8	229.2	219.3	208.1	197.8	189.4	180.5	171.1	161.3
-77.5°	194.3	191.0	186.4	178.4	170.3	162.0	154.1	147.3	140.8	133.9	126.6
-80°	140.3	138.1	135.0	130.0	124.9	119.8	114.7	109.7	104.5	99.0	93.2
-82.5°	94.1	92.1	89.9	87.4	84.8	81.9	78.8	74.6	70.0	64.9	59.6
-85°	55.5	54.3	53.1	51.7	50.2	48.5	46.8	44.0	41.3	38.7	36.3
-87.5°	22.5	22.1	21.7	21.2	20.7	20.2	19.6	19.0	18.3	17.6	16.9
-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: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	15.4	14.5	13.7	12.8	11.9	11.0	10.1	9.1	8.2	7.2
85°	34.9	33.3	31.4	29.1	26.5	23.9	22.0	20.2	18.3	16.3	14.4
82.5°	56.5	54.5	52.3	49.7	45.7	41.7	37.6	33.4	29.1	24.7	21.5
80°	87.6	82.2	77.0	71.8	65.7	59.5	54.0	48.4	42.7	36.9	31.0
77.5°	119.1	111.2	103.1	95.5	87.9	80.1	72.1	64.0	56.2	49.0	41.6
75°	151.0	141.4	131.6	121.5	111.1	100.6	91.0	81.2	71.3	61.1	52.1
72.5°	186.6	174.2	161.3	148.2	136.1	123.6	110.9	98.4	86.7	74.9	63.0
70°	223.7	208.4	193.0	178.3	162.8	146.6	132.0	117.2	102.1	88.6	74.9
67.5°	262.5	246.9	228.8	209.3	191.7	173.4	153.7	136.3	119.3	102.1	86.7
65°	305.2	285.6	266.8	244.2	222.1	200.8	179.4	156.3	136.3	117.2	98.4
62.5°	346.8	323.2	300.7	277.5	253.3	228.9	204.7	178.8	153.6	132.0	110.9
60°	388.0	361.8	333.8	307.5	282.3	256.5	229.1	200.6	172.9	146.6	123.6
57.5°	427.2	399.7	368.1	337.2	308.9	281.9	252.7	221.7	191.6	162.5	136.0
55°	463.6	433.0	400.1	366.6	334.8	305.2	274.8	242.0	209.7	178.3	147.9
52.5°	497.2	465.2	430.1	394.6	359.8	327.5	295.5	261.5	227.0	193.5	160.7
50°	528.5	497.1	459.8	421.7	383.6	349.5	315.8	280.2	243.5	208.1	173.3
47.5°	555.6	525.8	489.8	448.5	407.9	371.2	335.8	298.5	259.2	221.9	185.5
45°	577.7	552.4	517.7	476.2	432.6	393.8	355.5	316.4	275.3	235.2	197.1
42.5°	598.2	574.7	543.4	503.3	458.0	415.9	374.7	333.8	291.0	248.0	208.3
40°	619.2	594.2	567.2	526.8	481.8	437.2	394.0	350.7	306.1	260.5	218.9
37.5°	638.6	612.8	585.4	548.7	503.3	457.3	412.5	367.2	320.2	273.1	228.9
35°	658.5	629.5	601.2	565.9	521.9	475.5	430.1	383.0	333.5	284.7	238.4
32.5°	677.5	645.0	614.4	579.9	538.9	491.9	445.9	396.7	345.9	295.4	247.3
30°	694.8	659.5	627.2	593.4	553.4	506.2	459.1	409.1	357.5	305.3	255.7
27.5°	708.6	671.5	639.3	605.0	564.9	519.0	470.7	420.3	368.1	314.3	263.7
25°	722.4	682.7	649.0	615.6	575.8	532.0	481.6	430.2	377.5	322.9	270.8
22.5°	737.7	693.0	656.6	625.7	586.9	544.5	491.9	438.9	385.6	330.6	277.2
20°	751.3	701.9	662.4	633.6	595.8	553.9	501.7	446.6	392.5	337.4	282.8
17.5°	763.2	711.5	669.8	638.3	602.7	561.9	510.8	453.5	398.4	343.4	287.5
15°	775.6	721.5	676.5	642.1	608.3	568.6	519.0	459.5	403.1	348.4	291.8
12.5°	786.6	729.7	681.8	645.0	612.6	574.0	526.2	464.4	406.8	352.6	295.7
10°	795.8	736.0	685.8	647.1	615.6	578.1	532.4	469.2	410.8	355.9	298.9
7.5°	803.0	740.4	688.5	648.2	617.6	581.5	537.7	474.7	414.1	358.1	301.6
5°	808.3	743.8	692.5	651.9	620.1	584.1	541.4	479.1	416.6	359.3	303.5
2.5°	812.2	746.8	696.9	655.4	621.6	585.7	543.6	482.4	418.2	359.6	304.7
0°	813.5	747.7	699.9	658.0	622.1	586.2	544.3	484.5	418.7	358.9	305.1
-2.5°	812.2	746.8	696.9	655.4	621.6	585.7	543.6	482.4	418.2	359.6	304.7
-5°	808.3	743.8	692.5	651.9	620.1	584.1	541.4	479.1	416.6	359.3	303.5
-7.5°	803.0	740.4	688.5	648.2	617.6	581.5	537.7	474.7	414.1	358.1	301.6
-10°	795.8	736.0	685.8	647.1	615.6	578.1	532.4	469.2	410.8	355.9	298.9
-12.5°	786.6	729.7	681.8	645.0	612.6	574.0	526.2	464.4	406.8	352.6	295.7
-15°	775.6	721.5	676.5	642.1	608.3	568.6	519.0	459.5	403.1	348.4	291.8
-17.5°	763.2	711.5	669.8	638.3	602.7	561.9	510.8	453.5	398.4	343.4	287.5
-20°	751.3	701.9	662.4	633.6	595.8	553.9	501.7	446.6	392.5	337.4	282.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	737.7	693.0	656.6	625.7	586.9	544.5	491.9	438.9	385.6	330.6	277.2
-25°	722.4	682.7	649.0	615.6	575.8	532.0	481.6	430.2	377.5	322.9	270.8
-27.5°	708.6	671.5	639.3	605.0	564.9	519.0	470.7	420.3	368.1	314.3	263.7
-30°	694.8	659.5	627.2	593.4	553.4	506.2	459.1	409.1	357.5	305.3	255.7
-32.5°	677.5	645.0	614.4	579.9	538.9	491.9	445.9	396.7	345.9	295.4	247.3
-35°	658.5	629.5	601.2	565.9	521.9	475.5	430.1	383.0	333.5	284.7	238.4
-37.5°	638.6	612.8	585.4	548.7	503.3	457.3	412.5	367.2	320.2	273.1	228.9
-40°	619.2	594.2	567.2	526.8	481.8	437.2	394.0	350.7	306.1	260.5	218.9
-42.5°	598.2	574.7	543.4	503.3	458.0	415.9	374.7	333.8	291.0	248.0	208.3
-45°	577.7	552.4	517.7	476.2	432.6	393.8	355.5	316.4	275.3	235.2	197.1
-47.5°	555.6	525.8	489.8	448.5	407.9	371.2	335.8	298.5	259.2	221.9	185.5
-50°	528.5	497.1	459.8	421.7	383.6	349.5	315.8	280.2	243.5	208.1	173.3
-52.5°	497.2	465.2	430.1	394.6	359.8	327.5	295.5	261.5	227.0	193.5	160.7
-55°	463.6	433.0	400.1	366.6	334.8	305.2	274.8	242.0	209.7	178.3	147.9
-57.5°	427.2	399.7	368.1	337.2	308.9	281.9	252.7	221.7	191.6	162.5	136.0
-60°	388.0	361.8	333.8	307.5	282.3	256.5	229.1	200.6	172.9	146.6	123.6
-62.5°	346.8	323.2	300.7	277.5	253.3	228.9	204.7	178.8	153.6	132.0	110.9
-65°	305.2	285.6	266.8	244.2	222.1	200.8	179.4	156.3	136.3	117.2	98.4
-67.5°	262.5	246.9	228.8	209.3	191.7	173.4	153.7	136.3	119.3	102.1	86.7
-70°	223.7	208.4	193.0	178.3	162.8	146.6	132.0	117.2	102.1	88.6	74.9
-72.5°	186.6	174.2	161.3	148.2	136.1	123.6	110.9	98.4	86.7	74.9	63.0
-75°	151.0	141.4	131.6	121.5	111.1	100.6	91.0	81.2	71.3	61.1	52.1
-77.5°	119.1	111.2	103.1	95.5	87.9	80.1	72.1	64.0	56.2	49.0	41.6
-80°	87.6	82.2	77.0	71.8	65.7	59.5	54.0	48.4	42.7	36.9	31.0
-82.5°	56.5	54.5	52.3	49.7	45.7	41.7	37.6	33.4	29.1	24.7	21.5
-85°	34.9	33.3	31.4	29.1	26.5	23.9	22.0	20.2	18.3	16.3	14.4
-87.5°	16.1	15.4	14.5	13.7	12.8	11.9	11.0	10.1	9.1	8.2	7.2
-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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Scaled Data Report



REPORT NUMBER: P627449 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	5.2	4.1	3.1	2.1	0.9	0.0
85°	12.4	10.3	8.3	6.2	4.2	1.8	0.0
82.5°	18.5	15.5	12.4	9.3	6.2	2.7	0.0
80°	25.0	20.6	16.5	12.4	8.3	3.6	0.0
77.5°	34.1	26.4	20.6	15.5	10.3	4.5	0.0
75°	43.0	33.6	24.9	18.5	12.3	5.4	0.0
72.5°	51.8	40.7	30.3	21.5	14.2	6.2	0.0
70°	60.6	47.6	35.7	24.6	16.1	7.1	0.0
67.5°	70.6	54.4	40.9	28.4	17.9	7.9	0.0
65°	80.4	61.8	46.0	32.1	19.7	8.7	0.0
62.5°	90.1	69.8	51.0	35.7	21.4	9.5	0.0
60°	99.5	77.6	55.8	39.2	23.1	10.2	0.0
57.5°	109.8	85.3	61.8	42.6	25.2	11.0	0.0
55°	120.0	92.7	67.7	45.8	27.3	11.7	0.0
52.5°	129.8	100.1	73.5	49.0	29.4	12.3	0.0
50°	139.4	108.0	79.0	52.0	31.4	13.0	0.0
47.5°	148.8	115.7	84.4	55.1	33.4	13.6	0.0
45°	158.7	123.0	89.5	58.9	35.2	14.2	0.0
42.5°	168.3	130.0	94.4	62.6	37.0	14.7	0.0
40°	177.3	136.7	99.3	66.2	38.8	15.2	0.0
37.5°	185.9	143.0	104.4	69.6	40.5	15.6	0.0
35°	194.0	149.5	109.1	72.9	42.0	16.1	0.0
32.5°	201.6	155.8	113.6	75.9	43.5	16.5	0.0
30°	208.7	161.7	117.7	78.8	45.0	16.8	0.0
27.5°	215.2	167.1	121.8	81.4	46.3	17.1	0.0
25°	221.2	172.1	125.5	83.9	47.5	17.4	0.0
22.5°	226.6	176.5	128.9	86.1	48.7	17.6	0.0
20°	231.5	180.4	131.9	88.1	49.7	17.8	0.0
17.5°	235.5	183.7	134.6	89.9	50.6	17.9	0.0
15°	238.7	186.4	137.0	91.4	51.5	18.0	0.0
12.5°	241.4	188.5	139.0	92.7	52.2	18.1	0.0
10°	243.4	190.2	140.7	93.8	52.7	18.1	0.0
7.5°	244.8	191.2	141.9	94.6	53.2	18.1	0.0
5°	245.6	191.8	142.9	95.2	53.5	18.1	0.0
2.5°	245.8	191.8	143.4	95.6	53.7	18.0	0.0
0°	245.3	191.4	143.6	95.7	53.8	17.9	0.0
-2.5°	245.8	191.8	143.4	95.6	53.7	18.0	0.0
-5°	245.6	191.8	142.9	95.2	53.5	18.1	0.0
-7.5°	244.8	191.2	141.9	94.6	53.2	18.1	0.0
-10°	243.4	190.2	140.7	93.8	52.7	18.1	0.0
-12.5°	241.4	188.5	139.0	92.7	52.2	18.1	0.0
-15°	238.7	186.4	137.0	91.4	51.5	18.0	0.0
-17.5°	235.5	183.7	134.6	89.9	50.6	17.9	0.0
-20°	231.5	180.4	131.9	88.1	49.7	17.8	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4D-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	226.6	176.5	128.9	86.1	48.7	17.6	0.0
-25°	221.2	172.1	125.5	83.9	47.5	17.4	0.0
-27.5°	215.2	167.1	121.8	81.4	46.3	17.1	0.0
-30°	208.7	161.7	117.7	78.8	45.0	16.8	0.0
-32.5°	201.6	155.8	113.6	75.9	43.5	16.5	0.0
-35°	194.0	149.5	109.1	72.9	42.0	16.1	0.0
-37.5°	185.9	143.0	104.4	69.6	40.5	15.6	0.0
-40°	177.3	136.7	99.3	66.2	38.8	15.2	0.0
-42.5°	168.3	130.0	94.4	62.6	37.0	14.7	0.0
-45°	158.7	123.0	89.5	58.9	35.2	14.2	0.0
-47.5°	148.8	115.7	84.4	55.1	33.4	13.6	0.0
-50°	139.4	108.0	79.0	52.0	31.4	13.0	0.0
-52.5°	129.8	100.1	73.5	49.0	29.4	12.3	0.0
-55°	120.0	92.7	67.7	45.8	27.3	11.7	0.0
-57.5°	109.8	85.3	61.8	42.6	25.2	11.0	0.0
-60°	99.5	77.6	55.8	39.2	23.1	10.2	0.0
-62.5°	90.1	69.8	51.0	35.7	21.4	9.5	0.0
-65°	80.4	61.8	46.0	32.1	19.7	8.7	0.0
-67.5°	70.6	54.4	40.9	28.4	17.9	7.9	0.0
-70°	60.6	47.6	35.7	24.6	16.1	7.1	0.0
-72.5°	51.8	40.7	30.3	21.5	14.2	6.2	0.0
-75°	43.0	33.6	24.9	18.5	12.3	5.4	0.0
-77.5°	34.1	26.4	20.6	15.5	10.3	4.5	0.0
-80°	25.0	20.6	16.5	12.4	8.3	3.6	0.0
-82.5°	18.5	15.5	12.4	9.3	6.2	2.7	0.0
-85°	12.4	10.3	8.3	6.2	4.2	1.8	0.0
-87.5°	6.2	5.2	4.1	3.1	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)