

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: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-722-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N129  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

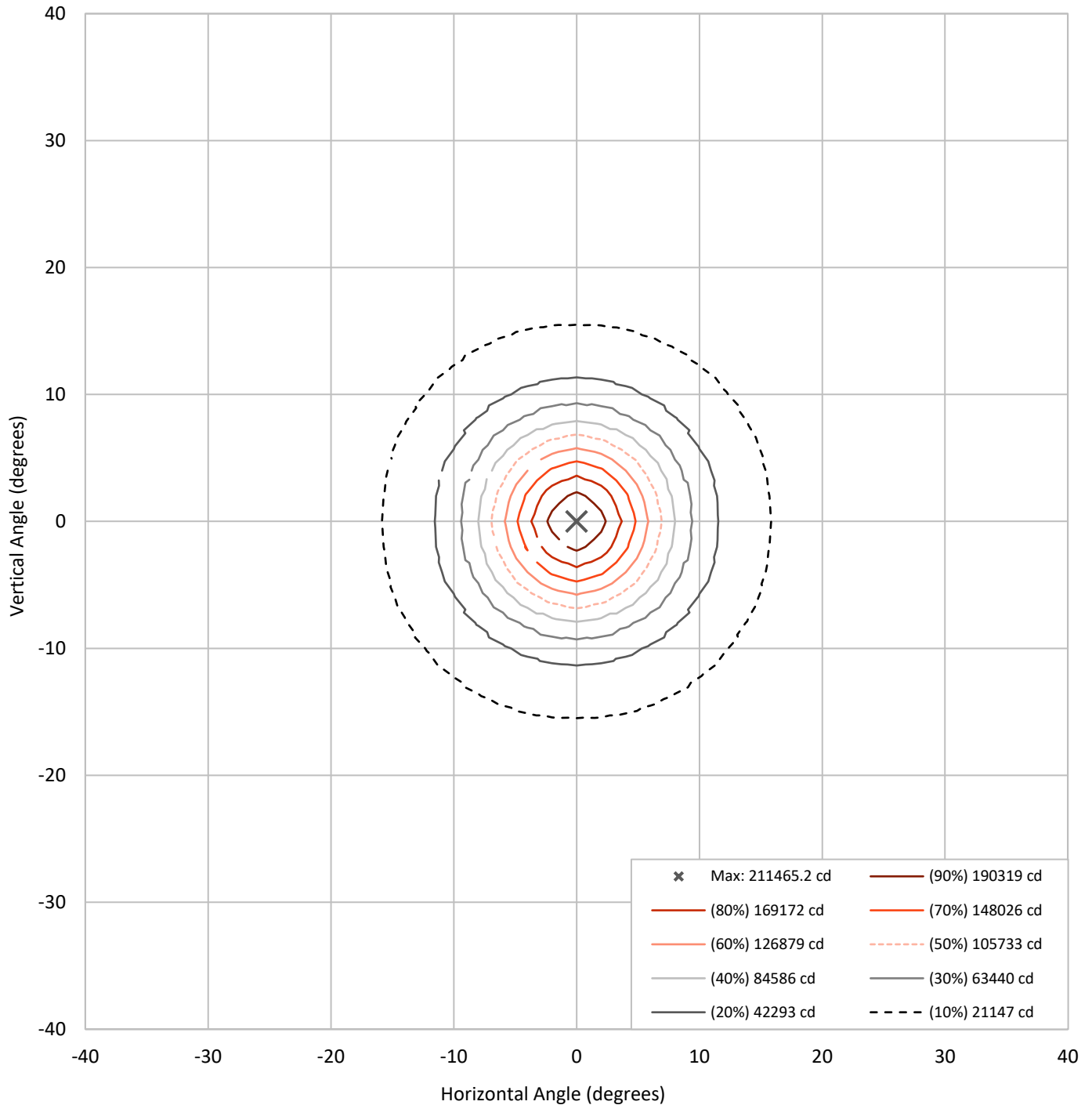
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22454.5 lumens	Max Intensity:	211465.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6638.8 lumens	Field Lumens:	14940 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





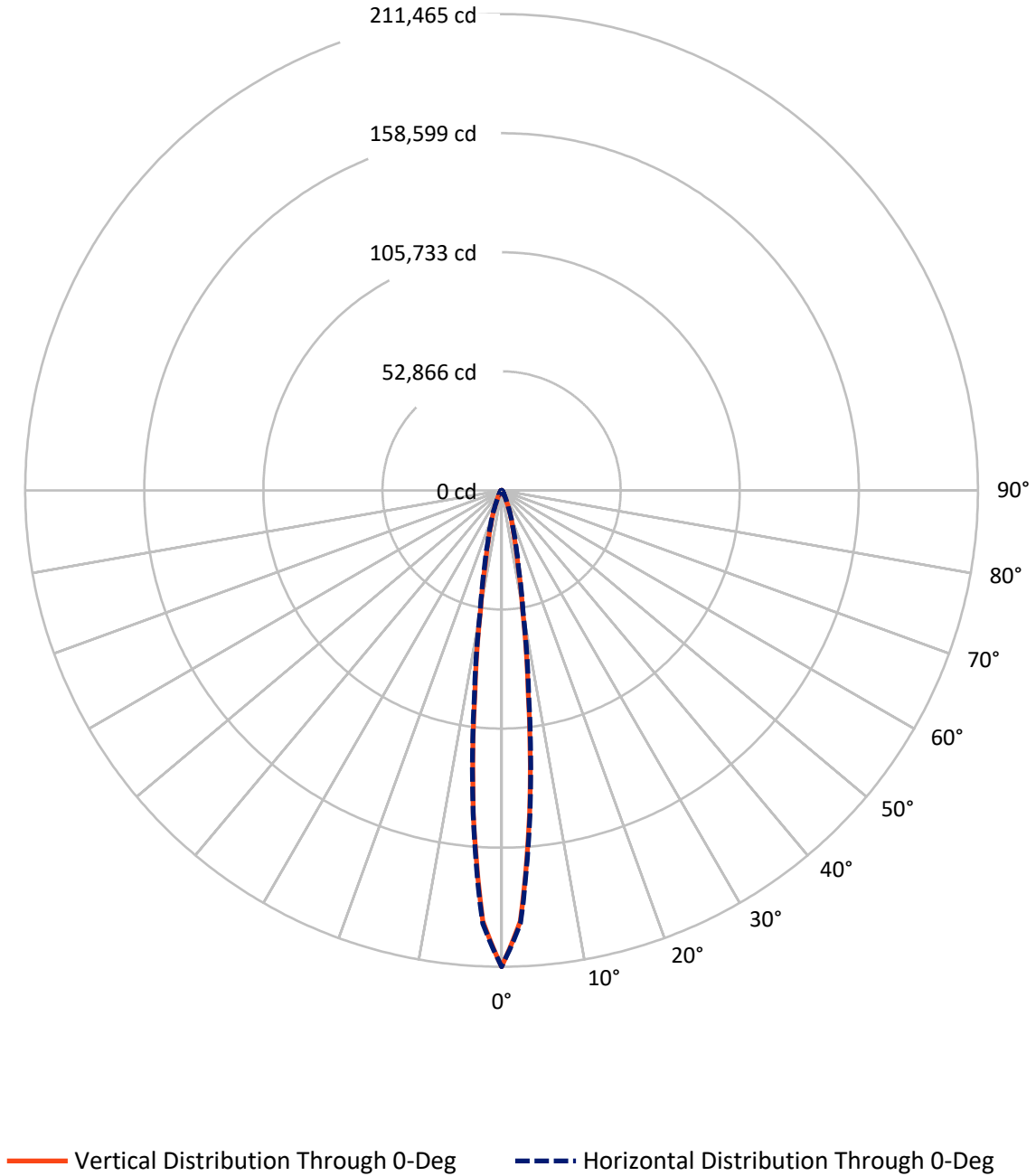
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### Lumen Table

90	0.4	3.1		8.1		13.1		14.3		13.1		8.1		3.1		0.4			
80	0.4	3.1		8.1		13.1		14.3		13.1		8.1		3.1		0.4			
70	1.4	1.6	3.2	5.3	7.5	9.2	10.4	10.8	10.8	10.4	9.2	7.5	5.3	3.2	1.6	1.4			
60		2.4	4.9	7.9	10.6	12.9	14.5	15.1	15.1	14.5	12.9	10.6	7.9	4.9	2.4				
50	2.4	3.1	6.3	9.8	13.0	16.3	19.2	20.7	20.7	19.2	16.3	13.0	9.8	6.3	3.1	2.4			
40		3.8	7.4	11.3	16.0	23.0	32.4	40.1	40.1	32.4	23.0	16.0	11.3	7.4	3.8				
30	3.2	4.2	8.1	12.7	20.7	41.0	93.4	154.6	154.6	93.4	41.0	20.7	12.7	8.1	4.2	3.2			
20		4.5	8.5	14.0	27.4	87.1	309.3	666.3	666.3	309.3	87.1	27.4	14.0	8.5	4.5				
10	3.4	4.7	8.7	14.9	33.2	143.6	672.5	2905.0	2905.0	672.5	143.6	33.2	14.9	8.7	4.7	3.4			
0		4.7	8.7	14.9	33.2	143.6	672.5	2905.0	2905.0	672.5	143.6	33.2	14.9	8.7	4.7				
-10	3.2	4.5	8.5	14.0	27.4	87.1	309.3	666.3	666.3	309.3	87.1	27.4	14.0	8.5	4.5	3.2			
-20		4.2	8.1	12.7	20.7	41.0	93.4	154.6	154.6	93.4	41.0	20.7	12.7	8.1	4.2				
-30	2.4	3.8	7.4	11.3	16.0	23.0	32.4	40.1	40.1	32.4	23.0	16.0	11.3	7.4	3.8	2.4			
-40		3.1	6.3	9.8	13.0	16.3	19.2	20.7	20.7	19.2	16.3	13.0	9.8	6.3	3.1				
-50	1.4	2.4	4.9	7.9	10.6	12.9	14.5	15.1	15.1	14.5	12.9	10.6	7.9	4.9	2.4	1.4			
-60		1.6	3.2	5.3	7.5	9.2	10.4	10.8	10.8	10.4	9.2	7.5	5.3	3.2	1.6				
-70	0.4	3.1		8.1		13.1		14.3		13.1		8.1		3.1		0.4			
-80		3.1		8.1		13.1		14.3		13.1		8.1		3.1					
-90	0.4	3.1		8.1		13.1		14.3		13.1		8.1		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

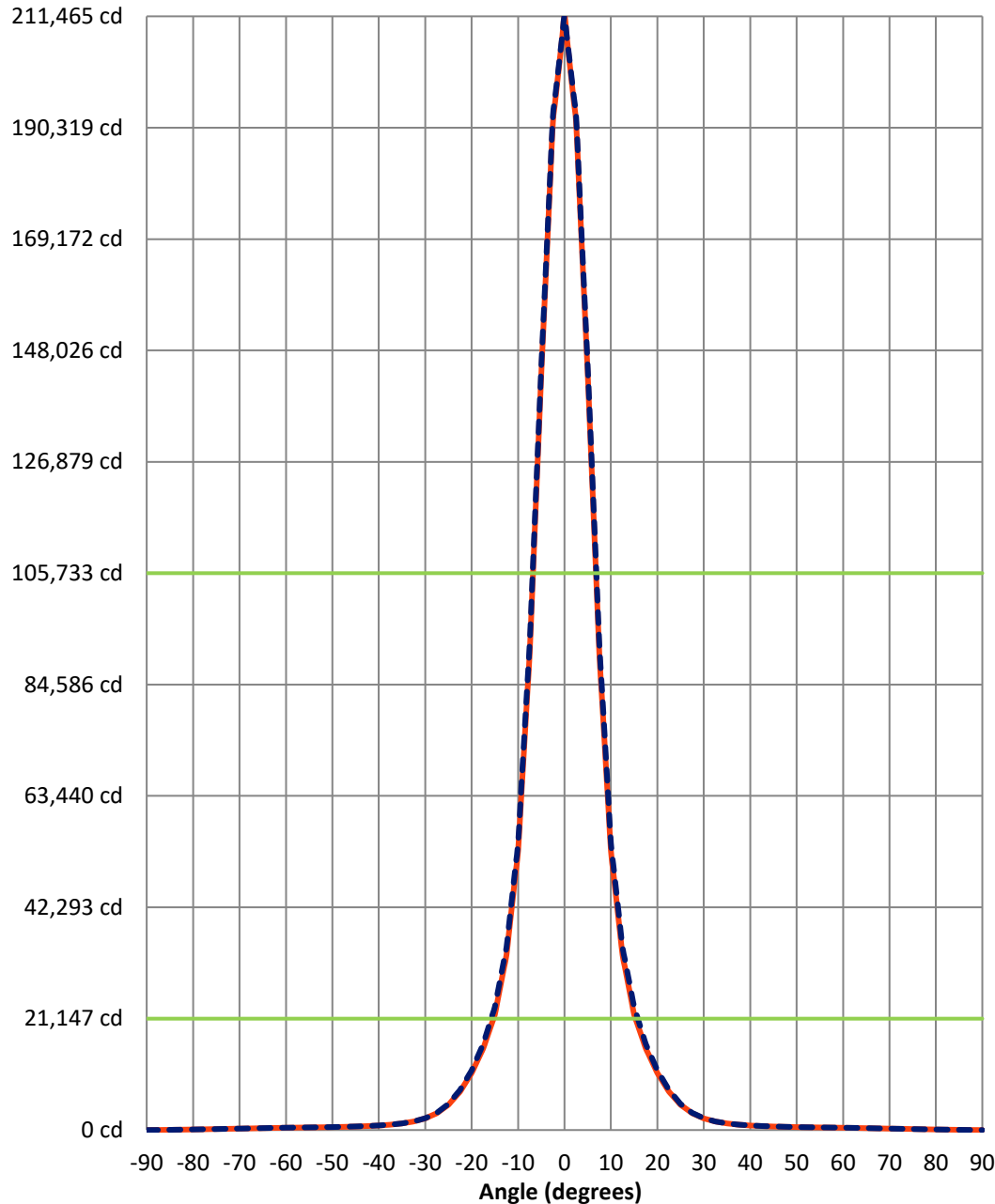
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 6638.8  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 14940  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 7514.5  
 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	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	18.7	22.1	25.3
80°	0.0	2.7	6.3	9.4	12.5	15.6	18.9	23.5	27.9	32.4	36.7
77.5°	0.0	3.4	7.8	11.7	15.6	20.0	25.8	31.5	37.1	42.6	48.4
75°	0.0	4.1	9.3	14.0	18.9	25.5	32.6	39.5	46.3	54.0	61.5
72.5°	0.0	4.7	10.7	16.3	23.0	30.8	39.2	47.7	56.8	65.7	74.5
70°	0.0	5.4	12.2	18.7	27.0	36.1	45.9	56.8	67.1	77.3	88.8
67.5°	0.0	6.0	13.6	21.5	31.0	41.2	53.5	65.7	77.3	90.4	103.2
65°	0.0	6.6	14.9	24.3	34.9	46.8	60.9	74.5	88.8	103.2	118.4
62.5°	0.0	7.2	16.2	27.1	38.6	52.9	68.2	84.0	100.0	116.4	135.4
60°	0.0	7.8	17.5	29.7	42.3	58.8	75.3	93.7	111.1	131.0	151.9
57.5°	0.0	8.3	19.1	32.3	46.8	64.6	83.1	103.1	123.1	145.1	167.9
55°	0.0	8.9	20.7	34.8	51.3	70.2	90.9	112.1	135.1	158.8	183.3
52.5°	0.0	9.4	22.3	37.1	55.7	75.8	98.4	121.8	146.6	171.9	198.0
50°	0.0	9.8	23.8	39.4	59.9	81.8	105.6	131.3	157.6	184.4	212.2
47.5°	0.0	10.3	25.3	41.8	63.9	87.6	112.7	140.5	168.0	196.3	226.1
45°	0.0	10.7	26.7	44.7	67.8	93.2	120.2	149.3	178.2	208.5	239.6
42.5°	0.0	11.1	28.1	47.5	71.5	98.5	127.4	157.7	187.8	220.4	252.8
40°	0.0	11.5	29.4	50.2	75.2	103.5	134.3	165.8	197.3	231.8	265.6
37.5°	0.0	11.9	30.7	52.8	79.1	108.3	140.8	173.4	206.8	242.5	278.0
35°	0.0	12.2	31.9	55.2	82.7	113.2	146.9	180.6	215.6	252.6	290.0
32.5°	0.0	12.5	33.0	57.5	86.0	118.0	152.7	187.3	223.8	262.0	300.4
30°	0.0	12.8	34.1	59.7	89.2	122.4	158.1	193.7	231.2	270.7	309.8
27.5°	0.0	13.0	35.1	61.7	92.2	126.5	163.0	199.7	238.1	278.8	318.3
25°	0.0	13.2	36.0	63.5	95.0	130.3	167.6	205.1	244.6	285.9	325.8
22.5°	0.0	13.4	36.9	65.2	97.6	133.7	171.7	210.0	250.4	292.0	332.4
20°	0.0	13.5	37.7	66.7	99.9	136.6	175.3	214.2	255.6	297.3	338.3
17.5°	0.0	13.6	38.4	68.1	101.9	139.1	178.4	217.8	260.1	301.7	343.5
15°	0.0	13.7	39.0	69.2	103.7	141.2	180.8	221.0	263.9	305.3	348.0
12.5°	0.0	13.8	39.6	70.2	105.2	142.8	182.9	224.0	267.1	308.1	351.8
10°	0.0	13.8	40.0	71.0	106.5	144.0	184.4	226.4	269.6	311.1	355.4
7.5°	0.0	13.8	40.3	71.7	107.4	144.8	185.5	228.4	271.2	313.7	359.6
5°	0.0	13.7	40.6	72.1	108.1	145.3	186.1	229.9	272.1	315.5	363.0
2.5°	0.0	13.7	40.7	72.4	108.6	145.3	186.2	230.8	272.3	316.7	365.5
0°	0.0	13.6	40.8	72.5	108.7	145.0	185.8	231.1	271.8	317.1	367.0
-2.5°	0.0	13.7	40.7	72.4	108.6	145.3	186.2	230.8	272.3	316.7	365.5
-5°	0.0	13.7	40.6	72.1	108.1	145.3	186.1	229.9	272.1	315.5	363.0
-7.5°	0.0	13.8	40.3	71.7	107.4	144.8	185.5	228.4	271.2	313.7	359.6
-10°	0.0	13.8	40.0	71.0	106.5	144.0	184.4	226.4	269.6	311.1	355.4
-12.5°	0.0	13.8	39.6	70.2	105.2	142.8	182.9	224.0	267.1	308.1	351.8
-15°	0.0	13.7	39.0	69.2	103.7	141.2	180.8	221.0	263.9	305.3	348.0
-17.5°	0.0	13.6	38.4	68.1	101.9	139.1	178.4	217.8	260.1	301.7	343.5
-20°	0.0	13.5	37.7	66.7	99.9	136.6	175.3	214.2	255.6	297.3	338.3

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REPORT NUMBER: P627789 (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	13.4	36.9	65.2	97.6	133.7	171.7	210.0	250.4	292.0	332.4
-25°	0.0	13.2	36.0	63.5	95.0	130.3	167.6	205.1	244.6	285.9	325.8
-27.5°	0.0	13.0	35.1	61.7	92.2	126.5	163.0	199.7	238.1	278.8	318.3
-30°	0.0	12.8	34.1	59.7	89.2	122.4	158.1	193.7	231.2	270.7	309.8
-32.5°	0.0	12.5	33.0	57.5	86.0	118.0	152.7	187.3	223.8	262.0	300.4
-35°	0.0	12.2	31.9	55.2	82.7	113.2	146.9	180.6	215.6	252.6	290.0
-37.5°	0.0	11.9	30.7	52.8	79.1	108.3	140.8	173.4	206.8	242.5	278.0
-40°	0.0	11.5	29.4	50.2	75.2	103.5	134.3	165.8	197.3	231.8	265.6
-42.5°	0.0	11.1	28.1	47.5	71.5	98.5	127.4	157.7	187.8	220.4	252.8
-45°	0.0	10.7	26.7	44.7	67.8	93.2	120.2	149.3	178.2	208.5	239.6
-47.5°	0.0	10.3	25.3	41.8	63.9	87.6	112.7	140.5	168.0	196.3	226.1
-50°	0.0	9.8	23.8	39.4	59.9	81.8	105.6	131.3	157.6	184.4	212.2
-52.5°	0.0	9.4	22.3	37.1	55.7	75.8	98.4	121.8	146.6	171.9	198.0
-55°	0.0	8.9	20.7	34.8	51.3	70.2	90.9	112.1	135.1	158.8	183.3
-57.5°	0.0	8.3	19.1	32.3	46.8	64.6	83.1	103.1	123.1	145.1	167.9
-60°	0.0	7.8	17.5	29.7	42.3	58.8	75.3	93.7	111.1	131.0	151.9
-62.5°	0.0	7.2	16.2	27.1	38.6	52.9	68.2	84.0	100.0	116.4	135.4
-65°	0.0	6.6	14.9	24.3	34.9	46.8	60.9	74.5	88.8	103.2	118.4
-67.5°	0.0	6.0	13.6	21.5	31.0	41.2	53.5	65.7	77.3	90.4	103.2
-70°	0.0	5.4	12.2	18.7	27.0	36.1	45.9	56.8	67.1	77.3	88.8
-72.5°	0.0	4.7	10.7	16.3	23.0	30.8	39.2	47.7	56.8	65.7	74.5
-75°	0.0	4.1	9.3	14.0	18.9	25.5	32.6	39.5	46.3	54.0	61.5
-77.5°	0.0	3.4	7.8	11.7	15.6	20.0	25.8	31.5	37.1	42.6	48.4
-80°	0.0	2.7	6.3	9.4	12.5	15.6	18.9	23.5	27.9	32.4	36.7
-82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	18.7	22.1	25.3
-85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	13.9	14.4
85°	16.7	18.1	20.1	22.1	23.8	25.2	26.5	27.5	29.4	31.3	33.4
82.5°	28.5	31.6	34.7	37.6	39.6	41.3	42.9	45.2	49.2	53.0	56.5
80°	40.9	45.1	49.8	54.4	58.3	62.3	66.4	70.6	75.0	79.1	83.1
77.5°	54.6	60.7	66.6	72.3	78.0	84.2	90.2	95.9	101.4	106.7	111.7
75°	68.9	76.2	84.2	92.1	99.7	107.2	114.4	122.2	129.6	136.7	143.4
72.5°	84.0	93.7	103.1	112.3	122.2	131.9	141.3	150.4	159.2	168.4	178.2
70°	100.0	111.1	123.3	135.1	146.1	157.8	169.4	179.4	188.9	201.6	214.7
67.5°	116.5	131.4	145.2	158.5	173.3	187.0	198.8	211.5	225.1	239.8	252.7
65°	135.9	152.1	168.2	185.0	202.1	216.3	231.1	246.9	262.2	276.9	290.8
62.5°	155.1	173.3	191.9	210.2	227.7	244.8	262.7	280.2	297.1	314.1	329.2
60°	173.5	194.3	213.8	233.0	252.9	274.0	293.9	313.3	333.5	352.9	362.9
57.5°	191.4	213.5	234.0	255.4	278.8	302.7	323.5	345.6	362.9	376.3	389.4
55°	208.1	231.2	253.6	277.7	303.0	327.9	351.1	370.7	386.8	399.0	412.9
52.5°	223.8	248.1	272.5	298.8	325.8	352.3	376.6	395.0	409.4	421.9	434.9
50°	239.2	264.7	290.5	319.4	348.3	376.5	400.3	417.1	430.7	443.6	456.9
47.5°	254.4	281.1	308.9	339.7	371.0	398.3	420.8	436.2	449.9	465.0	479.7
45°	269.2	298.2	327.6	360.7	392.1	418.4	437.6	453.0	469.9	486.3	501.9
42.5°	283.7	315.0	346.9	381.2	411.6	435.3	453.1	471.3	489.6	507.0	524.7
40°	298.4	331.1	364.9	399.0	429.6	450.0	469.0	488.6	508.7	527.6	547.2
37.5°	312.4	346.3	381.2	415.6	443.4	464.1	483.8	505.4	526.6	547.3	572.8
35°	325.7	360.1	395.3	428.6	455.3	476.8	498.8	521.5	543.8	570.5	599.6
32.5°	337.6	372.5	408.2	439.2	465.4	488.5	513.1	536.9	563.7	593.9	628.8
30°	347.7	383.4	419.2	449.4	475.1	499.5	526.2	552.5	583.8	620.1	661.6
27.5°	356.5	393.1	427.9	458.2	484.3	508.6	536.7	569.9	605.8	646.5	695.3
25°	364.8	403.0	436.1	466.3	491.6	517.1	547.2	583.8	627.0	676.1	735.8
22.5°	372.6	412.5	444.5	473.9	497.4	524.9	558.8	598.6	645.6	703.2	775.8
20°	380.0	419.5	451.2	479.9	501.7	531.6	569.0	611.6	664.9	733.5	817.6
17.5°	386.9	425.6	456.5	483.5	507.3	538.9	578.0	622.1	681.8	761.2	856.0
15°	393.1	430.7	460.7	486.3	512.4	546.5	587.4	635.2	700.3	787.5	890.0
12.5°	398.6	434.8	464.0	488.5	516.4	552.7	595.8	648.8	720.3	813.4	933.2
10°	403.3	437.9	466.2	490.1	519.5	557.5	602.8	659.9	736.3	833.5	966.4
7.5°	407.3	440.4	467.8	490.9	521.5	560.8	608.2	668.3	747.4	847.7	990.4
5°	410.1	442.4	469.7	493.7	524.5	563.4	612.2	674.1	754.0	856.2	1005.2
2.5°	411.8	443.6	470.8	496.4	527.8	565.6	615.2	680.4	759.3	864.5	1016.6
0°	412.3	444.0	471.2	498.4	530.1	566.3	616.2	684.1	761.2	869.9	1023.9
-2.5°	411.8	443.6	470.8	496.4	527.8	565.6	615.2	680.4	759.3	864.5	1016.6
-5°	410.1	442.4	469.7	493.7	524.5	563.4	612.2	674.1	754.0	856.2	1005.2
-7.5°	407.3	440.4	467.8	490.9	521.5	560.8	608.2	668.3	747.4	847.7	990.4
-10°	403.3	437.9	466.2	490.1	519.5	557.5	602.8	659.9	736.3	833.5	966.4
-12.5°	398.6	434.8	464.0	488.5	516.4	552.7	595.8	648.8	720.3	813.4	933.2
-15°	393.1	430.7	460.7	486.3	512.4	546.5	587.4	635.2	700.3	787.5	890.0
-17.5°	386.9	425.6	456.5	483.5	507.3	538.9	578.0	622.1	681.8	761.2	856.0
-20°	380.0	419.5	451.2	479.9	501.7	531.6	569.0	611.6	664.9	733.5	817.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	372.6	412.5	444.5	473.9	497.4	524.9	558.8	598.6	645.6	703.2	775.8
-25°	364.8	403.0	436.1	466.3	491.6	517.1	547.2	583.8	627.0	676.1	735.8
-27.5°	356.5	393.1	427.9	458.2	484.3	508.6	536.7	569.9	605.8	646.5	695.3
-30°	347.7	383.4	419.2	449.4	475.1	499.5	526.2	552.5	583.8	620.1	661.6
-32.5°	337.6	372.5	408.2	439.2	465.4	488.5	513.1	536.9	563.7	593.9	628.8
-35°	325.7	360.1	395.3	428.6	455.3	476.8	498.8	521.5	543.8	570.5	599.6
-37.5°	312.4	346.3	381.2	415.6	443.4	464.1	483.8	505.4	526.6	547.3	572.8
-40°	298.4	331.1	364.9	399.0	429.6	450.0	469.0	488.6	508.7	527.6	547.2
-42.5°	283.7	315.0	346.9	381.2	411.6	435.3	453.1	471.3	489.6	507.0	524.7
-45°	269.2	298.2	327.6	360.7	392.1	418.4	437.6	453.0	469.9	486.3	501.9
-47.5°	254.4	281.1	308.9	339.7	371.0	398.3	420.8	436.2	449.9	465.0	479.7
-50°	239.2	264.7	290.5	319.4	348.3	376.5	400.3	417.1	430.7	443.6	456.9
-52.5°	223.8	248.1	272.5	298.8	325.8	352.3	376.6	395.0	409.4	421.9	434.9
-55°	208.1	231.2	253.6	277.7	303.0	327.9	351.1	370.7	386.8	399.0	412.9
-57.5°	191.4	213.5	234.0	255.4	278.8	302.7	323.5	345.6	362.9	376.3	389.4
-60°	173.5	194.3	213.8	233.0	252.9	274.0	293.9	313.3	333.5	352.9	362.9
-62.5°	155.1	173.3	191.9	210.2	227.7	244.8	262.7	280.2	297.1	314.1	329.2
-65°	135.9	152.1	168.2	185.0	202.1	216.3	231.1	246.9	262.2	276.9	290.8
-67.5°	116.5	131.4	145.2	158.5	173.3	187.0	198.8	211.5	225.1	239.8	252.7
-70°	100.0	111.1	123.3	135.1	146.1	157.8	169.4	179.4	188.9	201.6	214.7
-72.5°	84.0	93.7	103.1	112.3	122.2	131.9	141.3	150.4	159.2	168.4	178.2
-75°	68.9	76.2	84.2	92.1	99.7	107.2	114.4	122.2	129.6	136.7	143.4
-77.5°	54.6	60.7	66.6	72.3	78.0	84.2	90.2	95.9	101.4	106.7	111.7
-80°	40.9	45.1	49.8	54.4	58.3	62.3	66.4	70.6	75.0	79.1	83.1
-82.5°	28.5	31.6	34.7	37.6	39.6	41.3	42.9	45.2	49.2	53.0	56.5
-85°	16.7	18.1	20.1	22.1	23.8	25.2	26.5	27.5	29.4	31.3	33.4
-87.5°	8.4	9.0	9.7	10.4	11.0	11.6	12.2	12.8	13.3	13.9	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-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°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	15.6
85°	35.4	36.8	38.0	39.1	40.2	41.1	42.0	42.8	43.4	42.9	42.2
82.5°	59.7	62.0	64.2	66.2	68.0	69.7	71.2	72.6	73.7	73.7	73.3
80°	86.8	90.7	94.6	98.5	102.3	104.6	106.3	107.5	108.4	108.8	108.8
77.5°	116.8	122.8	129.0	135.2	141.2	144.7	147.2	149.3	150.9	151.3	150.9
75°	149.8	157.6	166.1	173.6	180.1	184.1	186.9	189.2	191.1	191.6	191.4
72.5°	188.3	197.9	205.6	211.9	217.4	221.6	225.1	228.0	230.4	231.4	231.6
70°	226.2	235.6	242.9	249.3	254.7	259.1	263.3	266.8	269.7	271.9	273.5
67.5°	264.5	275.3	282.8	288.6	293.1	297.8	303.3	308.1	312.1	314.8	316.1
65°	303.9	315.0	322.2	328.6	334.1	340.1	346.2	350.7	353.7	355.5	356.8
62.5°	342.0	352.4	361.5	369.9	378.0	384.7	389.0	392.7	395.9	398.6	400.7
60°	374.7	388.0	398.1	406.2	414.2	421.8	427.0	431.1	434.3	436.6	438.1
57.5°	402.7	416.2	428.2	436.0	444.6	453.7	459.7	463.2	466.4	469.1	470.4
55°	427.1	439.6	450.7	461.4	471.0	479.2	485.6	490.2	494.1	497.2	498.2
52.5°	449.1	462.7	475.7	487.1	496.5	504.3	510.7	516.4	520.8	523.8	525.1
50°	472.2	486.8	500.7	513.1	522.9	531.7	539.6	546.4	552.9	558.0	561.7
47.5°	494.9	510.5	525.8	539.5	551.2	563.9	575.4	585.1	594.6	602.2	607.5
45°	517.8	535.8	552.5	570.1	585.9	602.6	618.2	631.5	645.3	655.7	662.7
42.5°	543.2	563.7	583.8	605.8	627.2	649.0	672.6	693.6	709.8	725.0	737.3
40°	570.5	593.9	620.1	647.1	678.8	707.5	739.2	766.3	790.8	816.8	837.4
37.5°	599.6	628.8	663.2	699.3	740.3	779.7	821.0	861.6	897.0	938.8	970.6
35°	631.7	670.8	713.1	762.0	813.0	869.4	925.8	991.1	1047.3	1109.1	1162.9
32.5°	669.8	716.4	772.0	836.4	901.9	987.5	1067.4	1171.3	1261.1	1359.2	1457.9
30°	709.0	769.8	841.6	922.7	1026.9	1144.5	1275.7	1430.2	1589.6	1743.7	1929.8
27.5°	757.4	830.8	917.8	1036.3	1189.7	1348.7	1574.1	1806.2	2099.0	2341.3	2682.9
25°	807.8	894.2	1017.7	1178.9	1379.2	1655.0	1997.2	2368.0	2883.3	3336.1	3867.2
22.5°	862.6	979.4	1133.0	1332.0	1635.6	2059.1	2577.1	3275.1	4035.3	4842.3	5645.1
20°	919.8	1061.0	1262.4	1550.8	1967.4	2541.0	3430.2	4507.8	5593.8	6925.4	8104.6
17.5°	986.0	1165.6	1413.9	1774.5	2330.5	3209.0	4442.7	5947.1	7631.9	9546.6	11246.5
15°	1041.1	1255.4	1568.7	2073.2	2837.8	3966.1	5521.9	7591.5	10123.2	12694.7	15303.5
12.5°	1105.1	1352.9	1720.9	2322.5	3282.8	4782.4	6900.0	9519.6	12681.4	16248.1	20452.6
10°	1161.9	1448.8	1906.1	2650.8	3824.4	5633.7	8203.7	11355.2	15435.5	20567.1	27078.3
7.5°	1204.0	1525.0	2049.2	2900.7	4292.7	6452.1	9435.4	13365.3	18550.1	25326.3	34262.4
5°	1231.4	1580.2	2150.3	3093.5	4659.2	7061.2	10338.1	14791.0	21046.0	30629.9	45762.0
2.5°	1247.7	1612.9	2208.1	3206.6	4882.1	7464.8	11024.9	15869.0	22663.6	33907.6	53158.4
0°	1255.0	1622.0	2242.7	3266.6	4956.6	7620.6	11340.3	16360.3	23387.4	34673.3	54458.8
-2.5°	1247.7	1612.9	2208.1	3206.6	4882.1	7464.8	11024.9	15869.0	22663.6	33907.6	53158.4
-5°	1231.4	1580.2	2150.3	3093.5	4659.2	7061.2	10338.1	14791.0	21046.0	30629.9	45762.0
-7.5°	1204.0	1525.0	2049.2	2900.7	4292.7	6452.1	9435.4	13365.3	18550.1	25326.3	34262.4
-10°	1161.9	1448.8	1906.1	2650.8	3824.4	5633.7	8203.7	11355.2	15435.5	20567.1	27078.3
-12.5°	1105.1	1352.9	1720.9	2322.5	3282.8	4782.4	6900.0	9519.6	12681.4	16248.1	20452.6
-15°	1041.1	1255.4	1568.7	2073.2	2837.8	3966.1	5521.9	7591.5	10123.2	12694.7	15303.5
-17.5°	986.0	1165.6	1413.9	1774.5	2330.5	3209.0	4442.7	5947.1	7631.9	9546.6	11246.5
-20°	919.8	1061.0	1262.4	1550.8	1967.4	2541.0	3430.2	4507.8	5593.8	6925.4	8104.6



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	862.6	979.4	1133.0	1332.0	1635.6	2059.1	2577.1	3275.1	4035.3	4842.3	5645.1
-25°	807.8	894.2	1017.7	1178.9	1379.2	1655.0	1997.2	2368.0	2883.3	3336.1	3867.2
-27.5°	757.4	830.8	917.8	1036.3	1189.7	1348.7	1574.1	1806.2	2099.0	2341.3	2682.9
-30°	709.0	769.8	841.6	922.7	1026.9	1144.5	1275.7	1430.2	1589.6	1743.7	1929.8
-32.5°	669.8	716.4	772.0	836.4	901.9	987.5	1067.4	1171.3	1261.1	1359.2	1457.9
-35°	631.7	670.8	713.1	762.0	813.0	869.4	925.8	991.1	1047.3	1109.1	1162.9
-37.5°	599.6	628.8	663.2	699.3	740.3	779.7	821.0	861.6	897.0	938.8	970.6
-40°	570.5	593.9	620.1	647.1	678.8	707.5	739.2	766.3	790.8	816.8	837.4
-42.5°	543.2	563.7	583.8	605.8	627.2	649.0	672.6	693.6	709.8	725.0	737.3
-45°	517.8	535.8	552.5	570.1	585.9	602.6	618.2	631.5	645.3	655.7	662.7
-47.5°	494.9	510.5	525.8	539.5	551.2	563.9	575.4	585.1	594.6	602.2	607.5
-50°	472.2	486.8	500.7	513.1	522.9	531.7	539.6	546.4	552.9	558.0	561.7
-52.5°	449.1	462.7	475.7	487.1	496.5	504.3	510.7	516.4	520.8	523.8	525.1
-55°	427.1	439.6	450.7	461.4	471.0	479.2	485.6	490.2	494.1	497.2	498.2
-57.5°	402.7	416.2	428.2	436.0	444.6	453.7	459.7	463.2	466.4	469.1	470.4
-60°	374.7	388.0	398.1	406.2	414.2	421.8	427.0	431.1	434.3	436.6	438.1
-62.5°	342.0	352.4	361.5	369.9	378.0	384.7	389.0	392.7	395.9	398.6	400.7
-65°	303.9	315.0	322.2	328.6	334.1	340.1	346.2	350.7	353.7	355.5	356.8
-67.5°	264.5	275.3	282.8	288.6	293.1	297.8	303.3	308.1	312.1	314.8	316.1
-70°	226.2	235.6	242.9	249.3	254.7	259.1	263.3	266.8	269.7	271.9	273.5
-72.5°	188.3	197.9	205.6	211.9	217.4	221.6	225.1	228.0	230.4	231.4	231.6
-75°	149.8	157.6	166.1	173.6	180.1	184.1	186.9	189.2	191.1	191.6	191.4
-77.5°	116.8	122.8	129.0	135.2	141.2	144.7	147.2	149.3	150.9	151.3	150.9
-80°	86.8	90.7	94.6	98.5	102.3	104.6	106.3	107.5	108.4	108.8	108.8
-82.5°	59.7	62.0	64.2	66.2	68.0	69.7	71.2	72.6	73.7	73.7	73.3
-85°	35.4	36.8	38.0	39.1	40.2	41.1	42.0	42.8	43.4	42.9	42.2
-87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	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: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-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°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
85°	41.5	40.6	40.7	40.8	40.7	40.6	41.5	42.2	42.9	43.4	42.8
82.5°	72.8	72.2	72.4	72.5	72.4	72.2	72.8	73.3	73.7	73.7	72.6
80°	108.7	108.2	106.4	104.2	106.4	108.2	108.7	108.8	108.8	108.4	107.5
77.5°	150.1	148.8	147.1	145.0	147.1	148.8	150.1	150.9	151.3	150.9	149.3
75°	190.7	189.5	190.0	190.3	190.0	189.5	190.7	191.4	191.6	191.1	189.2
72.5°	231.2	230.2	230.8	231.1	230.8	230.2	231.2	231.6	231.4	230.4	228.0
70°	274.6	275.1	273.9	271.8	273.9	275.1	274.6	273.5	271.9	269.7	266.8
67.5°	316.5	316.0	314.7	312.6	314.7	316.0	316.5	316.1	314.8	312.1	308.1
65°	357.1	356.7	357.5	357.9	357.5	356.7	357.1	356.8	355.5	353.7	350.7
62.5°	401.7	401.7	400.7	398.7	400.7	401.7	401.7	400.7	398.6	395.9	392.7
60°	438.7	438.4	437.1	434.9	437.1	438.4	438.7	438.1	436.6	434.3	431.1
57.5°	470.8	470.3	468.9	466.7	468.9	470.3	470.8	470.4	469.1	466.4	463.2
55°	498.4	497.7	496.2	493.8	496.2	497.7	498.4	498.2	497.2	494.1	490.2
52.5°	525.5	524.9	525.1	525.6	525.1	524.9	525.5	525.1	523.8	520.8	516.4
50°	563.9	564.7	564.0	561.8	564.0	564.7	563.9	561.7	558.0	552.9	546.4
47.5°	610.0	610.3	609.2	607.1	609.2	610.3	610.0	607.5	602.2	594.6	585.1
45°	668.2	671.5	672.4	670.5	672.4	671.5	668.2	662.7	655.7	645.3	631.5
42.5°	746.9	752.0	753.5	752.1	753.5	752.0	746.9	737.3	725.0	709.8	693.6
40°	850.1	856.0	857.1	856.3	857.1	856.0	850.1	837.4	816.8	790.8	766.3
37.5°	993.0	1007.4	1014.1	1014.9	1014.1	1007.4	993.0	970.6	938.8	897.0	861.6
35°	1203.9	1232.4	1247.6	1255.0	1247.6	1232.4	1203.9	1162.9	1109.1	1047.3	991.1
32.5°	1532.8	1589.8	1621.3	1617.5	1621.3	1589.8	1532.8	1457.9	1359.2	1261.1	1171.3
30°	2070.0	2169.6	2219.7	2206.4	2219.7	2169.6	2070.0	1929.8	1743.7	1589.6	1430.2
27.5°	2928.2	3108.3	3212.4	3198.7	3212.4	3108.3	2928.2	2682.9	2341.3	2099.0	1806.2
25°	4311.1	4639.7	4850.1	4798.0	4850.1	4639.7	4311.1	3867.2	3336.1	2883.3	2368.0
22.5°	6414.7	6971.4	7339.9	7294.4	7339.9	6971.4	6414.7	5645.1	4842.3	4035.3	3275.1
20°	9300.3	10147.7	10752.7	10832.9	10752.7	10147.7	9300.3	8104.6	6925.4	5593.8	4507.8
17.5°	13082.7	14426.3	15361.5	15517.6	15361.5	14426.3	13082.7	11246.5	9546.6	7631.9	5947.1
15°	17998.5	20194.5	21783.8	21914.9	21783.8	20194.5	17998.5	15303.5	12694.7	10123.2	7591.5
12.5°	24673.5	29090.1	31972.7	33241.6	31972.7	29090.1	24673.5	20452.6	16248.1	12681.4	9519.6
10°	33911.3	44056.1	50553.0	52995.4	50553.0	44056.1	33911.3	27078.3	20567.1	15435.5	11355.2
7.5°	49341.2	65268.7	82976.1	90523.1	82976.1	65268.7	49341.2	34262.4	25326.3	18550.1	13365.3
5°	66814.2	99870.5	131312.8	143591.0	131312.8	99870.5	66814.2	45762.0	30629.9	21046.0	14791.0
2.5°	85200.4	131276.0	174452.3	191337.6	174452.3	131276.0	85200.4	53158.4	33907.6	22663.6	15869.0
0°	92380.7	145027.2	192531.4	211465.2	192531.4	145027.2	92380.7	54458.8	34673.3	23387.4	16360.3
-2.5°	85200.4	131276.0	174452.3	191337.6	174452.3	131276.0	85200.4	53158.4	33907.6	22663.6	15869.0
-5°	66814.2	99870.5	131312.8	143591.0	131312.8	99870.5	66814.2	45762.0	30629.9	21046.0	14791.0
-7.5°	49341.2	65268.7	82976.1	90523.1	82976.1	65268.7	49341.2	34262.4	25326.3	18550.1	13365.3
-10°	33911.3	44056.1	50553.0	52995.4	50553.0	44056.1	33911.3	27078.3	20567.1	15435.5	11355.2
-12.5°	24673.5	29090.1	31972.7	33241.6	31972.7	29090.1	24673.5	20452.6	16248.1	12681.4	9519.6
-15°	17998.5	20194.5	21783.8	21914.9	21783.8	20194.5	17998.5	15303.5	12694.7	10123.2	7591.5
-17.5°	13082.7	14426.3	15361.5	15517.6	15361.5	14426.3	13082.7	11246.5	9546.6	7631.9	5947.1
-20°	9300.3	10147.7	10752.7	10832.9	10752.7	10147.7	9300.3	8104.6	6925.4	5593.8	4507.8



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	6414.7	6971.4	7339.9	7294.4	7339.9	6971.4	6414.7	5645.1	4842.3	4035.3	3275.1
-25°	4311.1	4639.7	4850.1	4798.0	4850.1	4639.7	4311.1	3867.2	3336.1	2883.3	2368.0
-27.5°	2928.2	3108.3	3212.4	3198.7	3212.4	3108.3	2928.2	2682.9	2341.3	2099.0	1806.2
-30°	2070.0	2169.6	2219.7	2206.4	2219.7	2169.6	2070.0	1929.8	1743.7	1589.6	1430.2
-32.5°	1532.8	1589.8	1621.3	1617.5	1621.3	1589.8	1532.8	1457.9	1359.2	1261.1	1171.3
-35°	1203.9	1232.4	1247.6	1255.0	1247.6	1232.4	1203.9	1162.9	1109.1	1047.3	991.1
-37.5°	993.0	1007.4	1014.1	1014.9	1014.1	1007.4	993.0	970.6	938.8	897.0	861.6
-40°	850.1	856.0	857.1	856.3	857.1	856.0	850.1	837.4	816.8	790.8	766.3
-42.5°	746.9	752.0	753.5	752.1	753.5	752.0	746.9	737.3	725.0	709.8	693.6
-45°	668.2	671.5	672.4	670.5	672.4	671.5	668.2	662.7	655.7	645.3	631.5
-47.5°	610.0	610.3	609.2	607.1	609.2	610.3	610.0	607.5	602.2	594.6	585.1
-50°	563.9	564.7	564.0	561.8	564.0	564.7	563.9	561.7	558.0	552.9	546.4
-52.5°	525.5	524.9	525.1	525.6	525.1	524.9	525.5	525.1	523.8	520.8	516.4
-55°	498.4	497.7	496.2	493.8	496.2	497.7	498.4	498.2	497.2	494.1	490.2
-57.5°	470.8	470.3	468.9	466.7	468.9	470.3	470.8	470.4	469.1	466.4	463.2
-60°	438.7	438.4	437.1	434.9	437.1	438.4	438.7	438.1	436.6	434.3	431.1
-62.5°	401.7	401.7	400.7	398.7	400.7	401.7	401.7	400.7	398.6	395.9	392.7
-65°	357.1	356.7	357.5	357.9	357.5	356.7	357.1	356.8	355.5	353.7	350.7
-67.5°	316.5	316.0	314.7	312.6	314.7	316.0	316.5	316.1	314.8	312.1	308.1
-70°	274.6	275.1	273.9	271.8	273.9	275.1	274.6	273.5	271.9	269.7	266.8
-72.5°	231.2	230.2	230.8	231.1	230.8	230.2	231.2	231.6	231.4	230.4	228.0
-75°	190.7	189.5	190.0	190.3	190.0	189.5	190.7	191.4	191.6	191.1	189.2
-77.5°	150.1	148.8	147.1	145.0	147.1	148.8	150.1	150.9	151.3	150.9	149.3
-80°	108.7	108.2	106.4	104.2	106.4	108.2	108.7	108.8	108.8	108.4	107.5
-82.5°	72.8	72.2	72.4	72.5	72.4	72.2	72.8	73.3	73.7	73.7	72.6
-85°	41.5	40.6	40.7	40.8	40.7	40.6	41.5	42.2	42.9	43.4	42.8
-87.5°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
-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: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
85°	42.0	41.1	40.2	39.1	38.0	36.8	35.4	33.4	31.3	29.4	27.5
82.5°	71.2	69.7	68.0	66.2	64.2	62.0	59.7	56.5	53.0	49.2	45.2
80°	106.3	104.6	102.3	98.5	94.6	90.7	86.8	83.1	79.1	75.0	70.6
77.5°	147.2	144.7	141.2	135.2	129.0	122.8	116.8	111.7	106.7	101.4	95.9
75°	186.9	184.1	180.1	173.6	166.1	157.6	149.8	143.4	136.7	129.6	122.2
72.5°	225.1	221.6	217.4	211.9	205.6	197.9	188.3	178.2	168.4	159.2	150.4
70°	263.3	259.1	254.7	249.3	242.9	235.6	226.2	214.7	201.6	188.9	179.4
67.5°	303.3	297.8	293.1	288.6	282.8	275.3	264.5	252.7	239.8	225.1	211.5
65°	346.2	340.1	334.1	328.6	322.2	315.0	303.9	290.8	276.9	262.2	246.9
62.5°	389.0	384.7	378.0	369.9	361.5	352.4	342.0	329.2	314.1	297.1	280.2
60°	427.0	421.8	414.2	406.2	398.1	388.0	374.7	362.9	352.9	333.5	313.3
57.5°	459.7	453.7	444.6	436.0	428.2	416.2	402.7	389.4	376.3	362.9	345.6
55°	485.6	479.2	471.0	461.4	450.7	439.6	427.1	412.9	399.0	386.8	370.7
52.5°	510.7	504.3	496.5	487.1	475.7	462.7	449.1	434.9	421.9	409.4	395.0
50°	539.6	531.7	522.9	513.1	500.7	486.8	472.2	456.9	443.6	430.7	417.1
47.5°	575.4	563.9	551.2	539.5	525.8	510.5	494.9	479.7	465.0	449.9	436.2
45°	618.2	602.6	585.9	570.1	552.5	535.8	517.8	501.9	486.3	469.9	453.0
42.5°	672.6	649.0	627.2	605.8	583.8	563.7	543.2	524.7	507.0	489.6	471.3
40°	739.2	707.5	678.8	647.1	620.1	593.9	570.5	547.2	527.6	508.7	488.6
37.5°	821.0	779.7	740.3	699.3	663.2	628.8	599.6	572.8	547.3	526.6	505.4
35°	925.8	869.4	813.0	762.0	713.1	670.8	631.7	599.6	570.5	543.8	521.5
32.5°	1067.4	987.5	901.9	836.4	772.0	716.4	669.8	628.8	593.9	563.7	536.9
30°	1275.7	1144.5	1026.9	922.7	841.6	769.8	709.0	661.6	620.1	583.8	552.5
27.5°	1574.1	1348.7	1189.7	1036.3	917.8	830.8	757.4	695.3	646.5	605.8	569.9
25°	1997.2	1655.0	1379.2	1178.9	1017.7	894.2	807.8	735.8	676.1	627.0	583.8
22.5°	2577.1	2059.1	1635.6	1332.0	1133.0	979.4	862.6	775.8	703.2	645.6	598.6
20°	3430.2	2541.0	1967.4	1550.8	1262.4	1061.0	919.8	817.6	733.5	664.9	611.6
17.5°	4442.7	3209.0	2330.5	1774.5	1413.9	1165.6	986.0	856.0	761.2	681.8	622.1
15°	5521.9	3966.1	2837.8	2073.2	1568.7	1255.4	1041.1	890.0	787.5	700.3	635.2
12.5°	6900.0	4782.4	3282.8	2322.5	1720.9	1352.9	1105.1	933.2	813.4	720.3	648.8
10°	8203.7	5633.7	3824.4	2650.8	1906.1	1448.8	1161.9	966.4	833.5	736.3	659.9
7.5°	9435.4	6452.1	4292.7	2900.7	2049.2	1525.0	1204.0	990.4	847.7	747.4	668.3
5°	10338.1	7061.2	4659.2	3093.5	2150.3	1580.2	1231.4	1005.2	856.2	754.0	674.1
2.5°	11024.9	7464.8	4882.1	3206.6	2208.1	1612.9	1247.7	1016.6	864.5	759.3	680.4
0°	11340.3	7620.6	4956.6	3266.6	2242.7	1622.0	1255.0	1023.9	869.9	761.2	684.1
-2.5°	11024.9	7464.8	4882.1	3206.6	2208.1	1612.9	1247.7	1016.6	864.5	759.3	680.4
-5°	10338.1	7061.2	4659.2	3093.5	2150.3	1580.2	1231.4	1005.2	856.2	754.0	674.1
-7.5°	9435.4	6452.1	4292.7	2900.7	2049.2	1525.0	1204.0	990.4	847.7	747.4	668.3
-10°	8203.7	5633.7	3824.4	2650.8	1906.1	1448.8	1161.9	966.4	833.5	736.3	659.9
-12.5°	6900.0	4782.4	3282.8	2322.5	1720.9	1352.9	1105.1	933.2	813.4	720.3	648.8
-15°	5521.9	3966.1	2837.8	2073.2	1568.7	1255.4	1041.1	890.0	787.5	700.3	635.2
-17.5°	4442.7	3209.0	2330.5	1774.5	1413.9	1165.6	986.0	856.0	761.2	681.8	622.1
-20°	3430.2	2541.0	1967.4	1550.8	1262.4	1061.0	919.8	817.6	733.5	664.9	611.6



Classified

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

Scaled Data Report



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2577.1	2059.1	1635.6	1332.0	1133.0	979.4	862.6	775.8	703.2	645.6	598.6
-25°	1997.2	1655.0	1379.2	1178.9	1017.7	894.2	807.8	735.8	676.1	627.0	583.8
-27.5°	1574.1	1348.7	1189.7	1036.3	917.8	830.8	757.4	695.3	646.5	605.8	569.9
-30°	1275.7	1144.5	1026.9	922.7	841.6	769.8	709.0	661.6	620.1	583.8	552.5
-32.5°	1067.4	987.5	901.9	836.4	772.0	716.4	669.8	628.8	593.9	563.7	536.9
-35°	925.8	869.4	813.0	762.0	713.1	670.8	631.7	599.6	570.5	543.8	521.5
-37.5°	821.0	779.7	740.3	699.3	663.2	628.8	599.6	572.8	547.3	526.6	505.4
-40°	739.2	707.5	678.8	647.1	620.1	593.9	570.5	547.2	527.6	508.7	488.6
-42.5°	672.6	649.0	627.2	605.8	583.8	563.7	543.2	524.7	507.0	489.6	471.3
-45°	618.2	602.6	585.9	570.1	552.5	535.8	517.8	501.9	486.3	469.9	453.0
-47.5°	575.4	563.9	551.2	539.5	525.8	510.5	494.9	479.7	465.0	449.9	436.2
-50°	539.6	531.7	522.9	513.1	500.7	486.8	472.2	456.9	443.6	430.7	417.1
-52.5°	510.7	504.3	496.5	487.1	475.7	462.7	449.1	434.9	421.9	409.4	395.0
-55°	485.6	479.2	471.0	461.4	450.7	439.6	427.1	412.9	399.0	386.8	370.7
-57.5°	459.7	453.7	444.6	436.0	428.2	416.2	402.7	389.4	376.3	362.9	345.6
-60°	427.0	421.8	414.2	406.2	398.1	388.0	374.7	362.9	352.9	333.5	313.3
-62.5°	389.0	384.7	378.0	369.9	361.5	352.4	342.0	329.2	314.1	297.1	280.2
-65°	346.2	340.1	334.1	328.6	322.2	315.0	303.9	290.8	276.9	262.2	246.9
-67.5°	303.3	297.8	293.1	288.6	282.8	275.3	264.5	252.7	239.8	225.1	211.5
-70°	263.3	259.1	254.7	249.3	242.9	235.6	226.2	214.7	201.6	188.9	179.4
-72.5°	225.1	221.6	217.4	211.9	205.6	197.9	188.3	178.2	168.4	159.2	150.4
-75°	186.9	184.1	180.1	173.6	166.1	157.6	149.8	143.4	136.7	129.6	122.2
-77.5°	147.2	144.7	141.2	135.2	129.0	122.8	116.8	111.7	106.7	101.4	95.9
-80°	106.3	104.6	102.3	98.5	94.6	90.7	86.8	83.1	79.1	75.0	70.6
-82.5°	71.2	69.7	68.0	66.2	64.2	62.0	59.7	56.5	53.0	49.2	45.2
-85°	42.0	41.1	40.2	39.1	38.0	36.8	35.4	33.4	31.3	29.4	27.5
-87.5°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
-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: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-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°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
85°	26.5	25.2	23.8	22.1	20.1	18.1	16.7	15.3	13.8	12.4	10.9
82.5°	42.9	41.3	39.6	37.6	34.7	31.6	28.5	25.3	22.1	18.7	16.3
80°	66.4	62.3	58.3	54.4	49.8	45.1	40.9	36.7	32.4	27.9	23.5
77.5°	90.2	84.2	78.0	72.3	66.6	60.7	54.6	48.4	42.6	37.1	31.5
75°	114.4	107.2	99.7	92.1	84.2	76.2	68.9	61.5	54.0	46.3	39.5
72.5°	141.3	131.9	122.2	112.3	103.1	93.7	84.0	74.5	65.7	56.8	47.7
70°	169.4	157.8	146.1	135.1	123.3	111.1	100.0	88.8	77.3	67.1	56.8
67.5°	198.8	187.0	173.3	158.5	145.2	131.4	116.5	103.2	90.4	77.3	65.7
65°	231.1	216.3	202.1	185.0	168.2	152.1	135.9	118.4	103.2	88.8	74.5
62.5°	262.7	244.8	227.7	210.2	191.9	173.3	155.1	135.4	116.4	100.0	84.0
60°	293.9	274.0	252.9	233.0	213.8	194.3	173.5	151.9	131.0	111.1	93.7
57.5°	323.5	302.7	278.8	255.4	234.0	213.5	191.4	167.9	145.1	123.1	103.1
55°	351.1	327.9	303.0	277.7	253.6	231.2	208.1	183.3	158.8	135.1	112.1
52.5°	376.6	352.3	325.8	298.8	272.5	248.1	223.8	198.0	171.9	146.6	121.8
50°	400.3	376.5	348.3	319.4	290.5	264.7	239.2	212.2	184.4	157.6	131.3
47.5°	420.8	398.3	371.0	339.7	308.9	281.1	254.4	226.1	196.3	168.0	140.5
45°	437.6	418.4	392.1	360.7	327.6	298.2	269.2	239.6	208.5	178.2	149.3
42.5°	453.1	435.3	411.6	381.2	346.9	315.0	283.7	252.8	220.4	187.8	157.7
40°	469.0	450.0	429.6	399.0	364.9	331.1	298.4	265.6	231.8	197.3	165.8
37.5°	483.8	464.1	443.4	415.6	381.2	346.3	312.4	278.0	242.5	206.8	173.4
35°	498.8	476.8	455.3	428.6	395.3	360.1	325.7	290.0	252.6	215.6	180.6
32.5°	513.1	488.5	465.4	439.2	408.2	372.5	337.6	300.4	262.0	223.8	187.3
30°	526.2	499.5	475.1	449.4	419.2	383.4	347.7	309.8	270.7	231.2	193.7
27.5°	536.7	508.6	484.3	458.2	427.9	393.1	356.5	318.3	278.8	238.1	199.7
25°	547.2	517.1	491.6	466.3	436.1	403.0	364.8	325.8	285.9	244.6	205.1
22.5°	558.8	524.9	497.4	473.9	444.5	412.5	372.6	332.4	292.0	250.4	210.0
20°	569.0	531.6	501.7	479.9	451.2	419.5	380.0	338.3	297.3	255.6	214.2
17.5°	578.0	538.9	507.3	483.5	456.5	425.6	386.9	343.5	301.7	260.1	217.8
15°	587.4	546.5	512.4	486.3	460.7	430.7	393.1	348.0	305.3	263.9	221.0
12.5°	595.8	552.7	516.4	488.5	464.0	434.8	398.6	351.8	308.1	267.1	224.0
10°	602.8	557.5	519.5	490.1	466.2	437.9	403.3	355.4	311.1	269.6	226.4
7.5°	608.2	560.8	521.5	490.9	467.8	440.4	407.3	359.6	313.7	271.2	228.4
5°	612.2	563.4	524.5	493.7	469.7	442.4	410.1	363.0	315.5	272.1	229.9
2.5°	615.2	565.6	527.8	496.4	470.8	443.6	411.8	365.5	316.7	272.3	230.8
0°	616.2	566.3	530.1	498.4	471.2	444.0	412.3	367.0	317.1	271.8	231.1
-2.5°	615.2	565.6	527.8	496.4	470.8	443.6	411.8	365.5	316.7	272.3	230.8
-5°	612.2	563.4	524.5	493.7	469.7	442.4	410.1	363.0	315.5	272.1	229.9
-7.5°	608.2	560.8	521.5	490.9	467.8	440.4	407.3	359.6	313.7	271.2	228.4
-10°	602.8	557.5	519.5	490.1	466.2	437.9	403.3	355.4	311.1	269.6	226.4
-12.5°	595.8	552.7	516.4	488.5	464.0	434.8	398.6	351.8	308.1	267.1	224.0
-15°	587.4	546.5	512.4	486.3	460.7	430.7	393.1	348.0	305.3	263.9	221.0
-17.5°	578.0	538.9	507.3	483.5	456.5	425.6	386.9	343.5	301.7	260.1	217.8
-20°	569.0	531.6	501.7	479.9	451.2	419.5	380.0	338.3	297.3	255.6	214.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	558.8	524.9	497.4	473.9	444.5	412.5	372.6	332.4	292.0	250.4	210.0
-25°	547.2	517.1	491.6	466.3	436.1	403.0	364.8	325.8	285.9	244.6	205.1
-27.5°	536.7	508.6	484.3	458.2	427.9	393.1	356.5	318.3	278.8	238.1	199.7
-30°	526.2	499.5	475.1	449.4	419.2	383.4	347.7	309.8	270.7	231.2	193.7
-32.5°	513.1	488.5	465.4	439.2	408.2	372.5	337.6	300.4	262.0	223.8	187.3
-35°	498.8	476.8	455.3	428.6	395.3	360.1	325.7	290.0	252.6	215.6	180.6
-37.5°	483.8	464.1	443.4	415.6	381.2	346.3	312.4	278.0	242.5	206.8	173.4
-40°	469.0	450.0	429.6	399.0	364.9	331.1	298.4	265.6	231.8	197.3	165.8
-42.5°	453.1	435.3	411.6	381.2	346.9	315.0	283.7	252.8	220.4	187.8	157.7
-45°	437.6	418.4	392.1	360.7	327.6	298.2	269.2	239.6	208.5	178.2	149.3
-47.5°	420.8	398.3	371.0	339.7	308.9	281.1	254.4	226.1	196.3	168.0	140.5
-50°	400.3	376.5	348.3	319.4	290.5	264.7	239.2	212.2	184.4	157.6	131.3
-52.5°	376.6	352.3	325.8	298.8	272.5	248.1	223.8	198.0	171.9	146.6	121.8
-55°	351.1	327.9	303.0	277.7	253.6	231.2	208.1	183.3	158.8	135.1	112.1
-57.5°	323.5	302.7	278.8	255.4	234.0	213.5	191.4	167.9	145.1	123.1	103.1
-60°	293.9	274.0	252.9	233.0	213.8	194.3	173.5	151.9	131.0	111.1	93.7
-62.5°	262.7	244.8	227.7	210.2	191.9	173.3	155.1	135.4	116.4	100.0	84.0
-65°	231.1	216.3	202.1	185.0	168.2	152.1	135.9	118.4	103.2	88.8	74.5
-67.5°	198.8	187.0	173.3	158.5	145.2	131.4	116.5	103.2	90.4	77.3	65.7
-70°	169.4	157.8	146.1	135.1	123.3	111.1	100.0	88.8	77.3	67.1	56.8
-72.5°	141.3	131.9	122.2	112.3	103.1	93.7	84.0	74.5	65.7	56.8	47.7
-75°	114.4	107.2	99.7	92.1	84.2	76.2	68.9	61.5	54.0	46.3	39.5
-77.5°	90.2	84.2	78.0	72.3	66.6	60.7	54.6	48.4	42.6	37.1	31.5
-80°	66.4	62.3	58.3	54.4	49.8	45.1	40.9	36.7	32.4	27.9	23.5
-82.5°	42.9	41.3	39.6	37.6	34.7	31.6	28.5	25.3	22.1	18.7	16.3
-85°	26.5	25.2	23.8	22.1	20.1	18.1	16.7	15.3	13.8	12.4	10.9
-87.5°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
-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: P627789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
80°	18.9	15.6	12.5	9.4	6.3	2.7	0.0
77.5°	25.8	20.0	15.6	11.7	7.8	3.4	0.0
75°	32.6	25.5	18.9	14.0	9.3	4.1	0.0
72.5°	39.2	30.8	23.0	16.3	10.7	4.7	0.0
70°	45.9	36.1	27.0	18.7	12.2	5.4	0.0
67.5°	53.5	41.2	31.0	21.5	13.6	6.0	0.0
65°	60.9	46.8	34.9	24.3	14.9	6.6	0.0
62.5°	68.2	52.9	38.6	27.1	16.2	7.2	0.0
60°	75.3	58.8	42.3	29.7	17.5	7.8	0.0
57.5°	83.1	64.6	46.8	32.3	19.1	8.3	0.0
55°	90.9	70.2	51.3	34.8	20.7	8.9	0.0
52.5°	98.4	75.8	55.7	37.1	22.3	9.4	0.0
50°	105.6	81.8	59.9	39.4	23.8	9.8	0.0
47.5°	112.7	87.6	63.9	41.8	25.3	10.3	0.0
45°	120.2	93.2	67.8	44.7	26.7	10.7	0.0
42.5°	127.4	98.5	71.5	47.5	28.1	11.1	0.0
40°	134.3	103.5	75.2	50.2	29.4	11.5	0.0
37.5°	140.8	108.3	79.1	52.8	30.7	11.9	0.0
35°	146.9	113.2	82.7	55.2	31.9	12.2	0.0
32.5°	152.7	118.0	86.0	57.5	33.0	12.5	0.0
30°	158.1	122.4	89.2	59.7	34.1	12.8	0.0
27.5°	163.0	126.5	92.2	61.7	35.1	13.0	0.0
25°	167.6	130.3	95.0	63.5	36.0	13.2	0.0
22.5°	171.7	133.7	97.6	65.2	36.9	13.4	0.0
20°	175.3	136.6	99.9	66.7	37.7	13.5	0.0
17.5°	178.4	139.1	101.9	68.1	38.4	13.6	0.0
15°	180.8	141.2	103.7	69.2	39.0	13.7	0.0
12.5°	182.9	142.8	105.2	70.2	39.6	13.8	0.0
10°	184.4	144.0	106.5	71.0	40.0	13.8	0.0
7.5°	185.5	144.8	107.4	71.7	40.3	13.8	0.0
5°	186.1	145.3	108.1	72.1	40.6	13.7	0.0
2.5°	186.2	145.3	108.6	72.4	40.7	13.7	0.0
0°	185.8	145.0	108.7	72.5	40.8	13.6	0.0
-2.5°	186.2	145.3	108.6	72.4	40.7	13.7	0.0
-5°	186.1	145.3	108.1	72.1	40.6	13.7	0.0
-7.5°	185.5	144.8	107.4	71.7	40.3	13.8	0.0
-10°	184.4	144.0	106.5	71.0	40.0	13.8	0.0
-12.5°	182.9	142.8	105.2	70.2	39.6	13.8	0.0
-15°	180.8	141.2	103.7	69.2	39.0	13.7	0.0
-17.5°	178.4	139.1	101.9	68.1	38.4	13.6	0.0
-20°	175.3	136.6	99.9	66.7	37.7	13.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.7	133.7	97.6	65.2	36.9	13.4	0.0
-25°	167.6	130.3	95.0	63.5	36.0	13.2	0.0
-27.5°	163.0	126.5	92.2	61.7	35.1	13.0	0.0
-30°	158.1	122.4	89.2	59.7	34.1	12.8	0.0
-32.5°	152.7	118.0	86.0	57.5	33.0	12.5	0.0
-35°	146.9	113.2	82.7	55.2	31.9	12.2	0.0
-37.5°	140.8	108.3	79.1	52.8	30.7	11.9	0.0
-40°	134.3	103.5	75.2	50.2	29.4	11.5	0.0
-42.5°	127.4	98.5	71.5	47.5	28.1	11.1	0.0
-45°	120.2	93.2	67.8	44.7	26.7	10.7	0.0
-47.5°	112.7	87.6	63.9	41.8	25.3	10.3	0.0
-50°	105.6	81.8	59.9	39.4	23.8	9.8	0.0
-52.5°	98.4	75.8	55.7	37.1	22.3	9.4	0.0
-55°	90.9	70.2	51.3	34.8	20.7	8.9	0.0
-57.5°	83.1	64.6	46.8	32.3	19.1	8.3	0.0
-60°	75.3	58.8	42.3	29.7	17.5	7.8	0.0
-62.5°	68.2	52.9	38.6	27.1	16.2	7.2	0.0
-65°	60.9	46.8	34.9	24.3	14.9	6.6	0.0
-67.5°	53.5	41.2	31.0	21.5	13.6	6.0	0.0
-70°	45.9	36.1	27.0	18.7	12.2	5.4	0.0
-72.5°	39.2	30.8	23.0	16.3	10.7	4.7	0.0
-75°	32.6	25.5	18.9	14.0	9.3	4.1	0.0
-77.5°	25.8	20.0	15.6	11.7	7.8	3.4	0.0
-80°	18.9	15.6	12.5	9.4	6.3	2.7	0.0
-82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
-85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-87.5°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)