

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: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6B-722-U-MR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N130  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

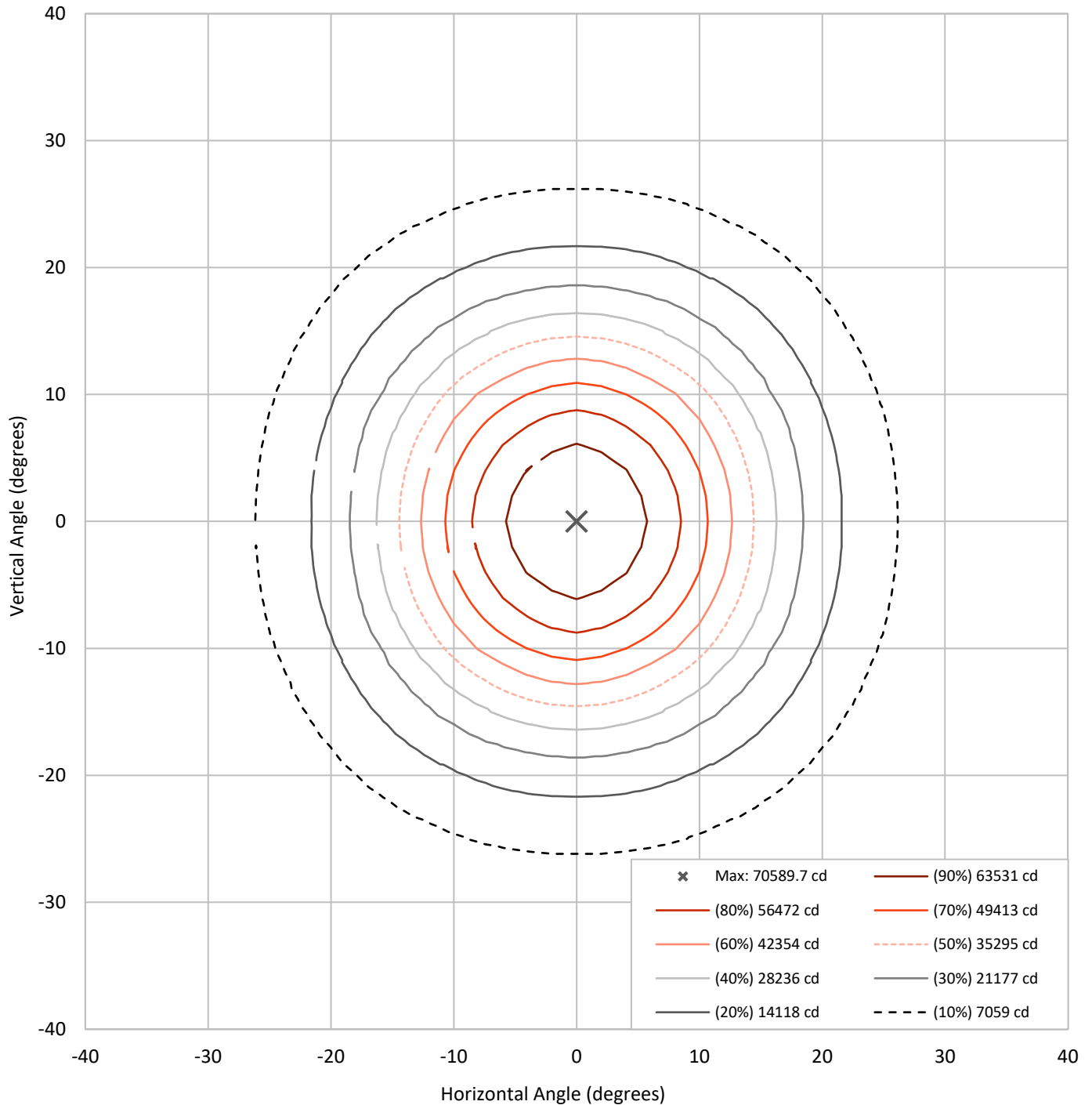
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	22054.6 lumens	Max Intensity:	70589.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	10722.7 lumens	Field Lumens:	18095.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





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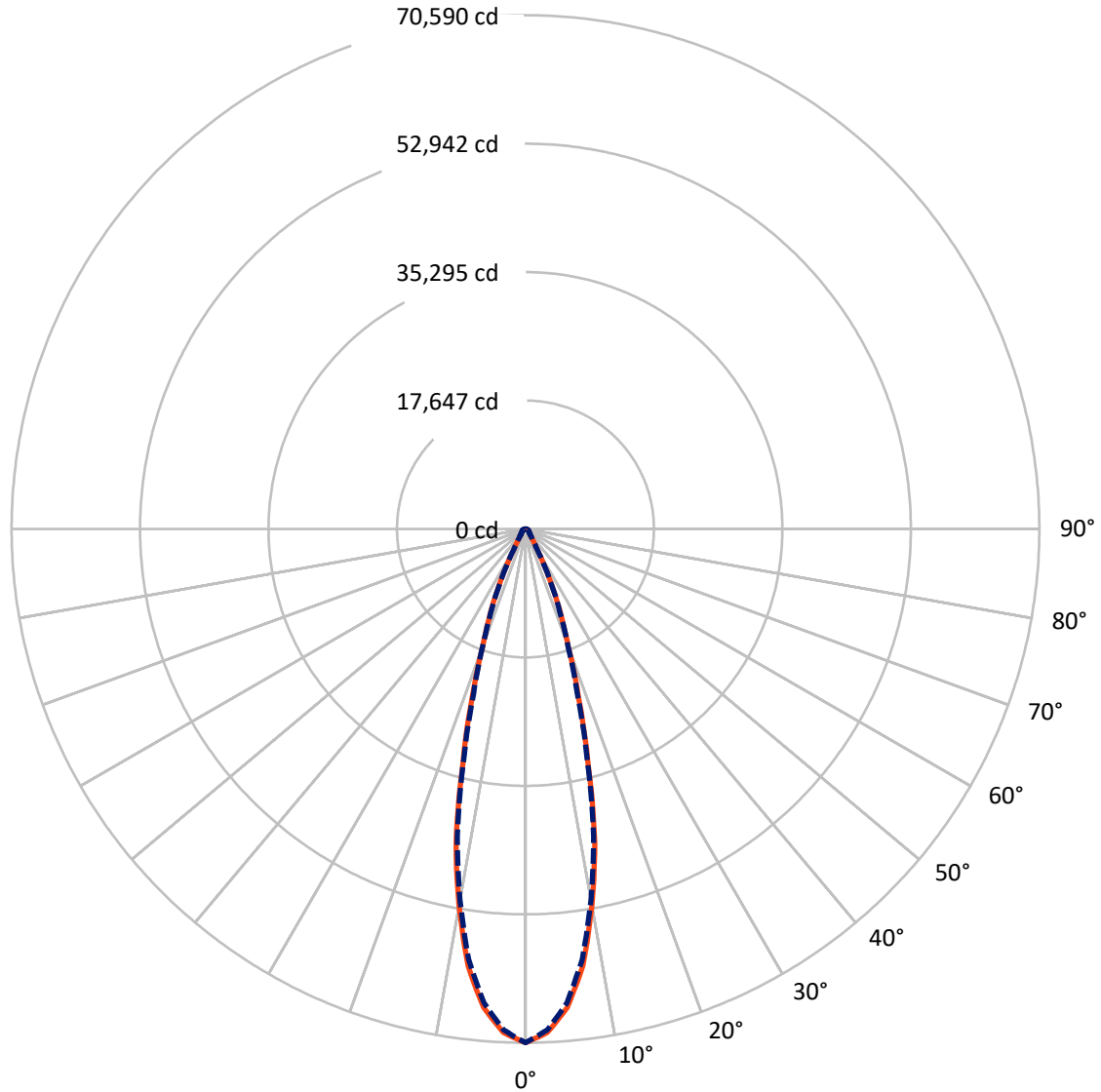
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### Lumen Table

90																
80	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4
70																
60	1.6	1.9	3.8	6.2	8.7	10.7	11.9	12.5	12.5	11.9	10.7	8.7	6.2	3.8	1.9	1.6
50		2.8	5.7	9.2	12.3	15.2	17.0	17.6	17.6	17.0	15.2	12.3	9.2	5.7	2.8	
40	2.9	3.6	7.3	11.3	15.1	19.1	22.4	24.1	24.1	22.4	19.1	15.1	11.3	7.3	3.6	2.9
30		4.3	8.6	13.1	18.5	26.4	38.2	49.7	49.7	38.2	26.4	18.5	13.1	8.6	4.3	
20	3.7	4.8	9.4	14.8	23.7	51.6	145.2	257.5	257.5	145.2	51.6	23.7	14.8	9.4	4.8	3.7
10		5.1	9.8	16.0	32.3	135.4	482.4	924.5	924.5	482.4	135.4	32.3	16.0	9.8	5.1	
0	4.0	5.3	10.0	16.9	41.0	233.7	893.0	1756.4	1756.4	893.0	233.7	41.0	16.9	10.0	5.3	4.0
-10		5.3	10.0	16.9	41.0	233.7	893.0	1756.4	1756.4	893.0	233.7	41.0	16.9	10.0	5.3	
-20	3.7	5.1	9.8	16.0	32.3	135.4	482.4	924.5	924.5	482.4	135.4	32.3	16.0	9.8	5.1	3.7
-30		4.8	9.4	14.8	23.7	51.6	145.2	257.5	257.5	145.2	51.6	23.7	14.8	9.4	4.8	
-40	2.9	4.3	8.6	13.1	18.5	26.4	38.2	49.7	49.7	38.2	26.4	18.5	13.1	8.6	4.3	2.9
-50		3.6	7.3	11.3	15.1	19.1	22.4	24.1	24.1	22.4	19.1	15.1	11.3	7.3	3.6	
-60	1.6	2.8	5.7	9.2	12.3	15.2	17.0	17.6	17.6	17.0	15.2	12.3	9.2	5.7	2.8	1.6
-70		1.9	3.8	6.2	8.7	10.7	11.9	12.5	12.5	11.9	10.7	8.7	6.2	3.8	1.9	
-80																
-90	0.4	3.6		9.6		15.1		16.8		15.1		9.6		3.6		0.4
Horizontal Angle (degrees)																

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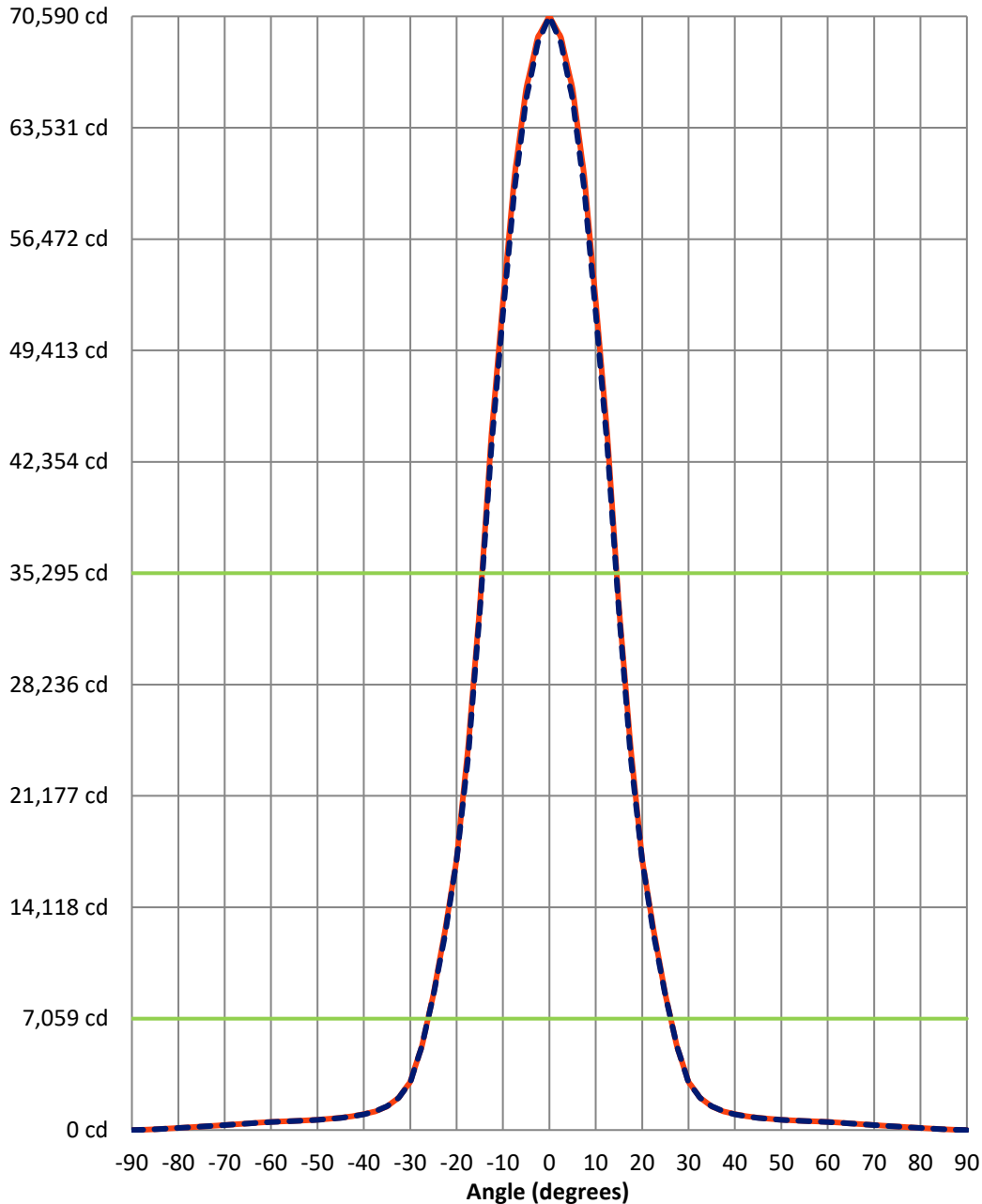
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 10722.7  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 18095.5  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 3959.1  
 Efficiency: 18.0%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
82.5°	0.0	2.4	4.7	7.1	9.4	11.7	14.0	16.3	18.9	23.2	27.7
80°	0.0	3.1	6.3	9.4	12.5	15.6	19.1	24.6	30.4	36.4	42.8
77.5°	0.0	3.9	7.8	11.7	15.6	20.4	27.1	34.2	41.7	49.6	58.2
75°	0.0	4.7	9.4	14.0	19.1	27.1	35.1	43.7	53.1	64.1	74.9
72.5°	0.0	5.4	10.9	16.3	24.4	33.7	43.0	53.7	66.4	79.1	91.5
70°	0.0	6.2	12.4	18.8	29.6	40.2	51.1	65.2	79.6	93.9	109.3
67.5°	0.0	6.9	13.8	22.7	34.7	46.6	61.0	76.6	92.6	110.0	127.2
65°	0.0	7.6	15.3	26.5	39.8	53.9	70.7	87.8	106.8	125.9	145.2
62.5°	0.0	8.4	16.7	30.2	44.7	61.8	80.2	99.6	120.7	141.7	163.7
60°	0.0	9.0	18.1	33.8	49.6	69.6	89.5	111.5	134.3	157.6	181.7
57.5°	0.0	9.7	20.4	37.4	55.6	77.2	99.3	123.1	147.7	173.1	199.5
55°	0.0	10.4	22.7	40.8	61.5	84.6	108.9	134.4	160.8	188.2	217.0
52.5°	0.0	11.0	25.0	44.2	67.2	91.8	118.1	145.4	173.4	203.5	234.0
50°	0.0	11.6	27.1	47.4	72.8	99.1	127.0	156.0	185.7	218.3	249.8
47.5°	0.0	12.2	29.2	50.8	78.2	106.1	135.5	166.2	198.4	232.6	264.6
45°	0.0	12.8	31.2	54.6	83.3	112.8	143.9	176.1	210.6	245.1	278.7
42.5°	0.0	13.3	33.1	58.3	88.2	119.1	151.9	185.9	222.2	257.0	291.6
40°	0.0	13.9	34.9	61.8	93.0	125.1	159.6	195.4	232.9	268.1	303.9
37.5°	0.0	14.4	36.7	65.1	97.5	130.7	166.8	204.3	242.3	278.8	315.4
35°	0.0	14.8	38.3	68.1	101.8	136.3	173.7	212.7	251.2	288.8	326.3
32.5°	0.0	15.3	39.9	70.9	105.7	141.6	180.2	220.3	259.5	298.3	336.8
30°	0.0	15.7	41.3	73.5	109.4	146.6	186.3	227.3	267.2	307.0	346.6
27.5°	0.0	16.1	42.6	75.8	112.7	151.1	191.9	233.5	274.3	315.1	355.7
25°	0.0	16.4	43.8	77.9	115.7	155.3	197.0	239.1	280.8	322.4	364.0
22.5°	0.0	16.7	45.0	79.8	118.5	159.1	201.5	244.2	286.6	329.0	372.2
20°	0.0	17.0	46.0	81.4	121.1	162.4	205.4	248.7	291.8	334.9	379.6
17.5°	0.0	17.3	46.9	82.8	123.4	165.2	209.0	252.6	296.3	340.0	386.0
15°	0.0	17.5	47.6	83.9	125.5	167.6	212.3	256.2	300.1	344.4	391.4
12.5°	0.0	17.7	48.3	84.9	127.3	169.5	215.2	259.5	303.7	347.9	395.9
10°	0.0	17.8	48.8	85.6	128.7	170.9	217.6	262.3	306.9	352.1	400.1
7.5°	0.0	17.9	49.3	86.0	129.9	171.9	219.5	264.5	309.4	355.9	404.6
5°	0.0	18.0	49.6	86.3	130.7	172.4	220.9	266.1	311.2	358.9	408.2
2.5°	0.0	18.1	49.7	86.3	131.2	172.5	221.7	267.0	312.2	361.1	410.7
0°	0.0	18.1	49.8	86.1	131.4	172.2	222.0	267.3	312.6	362.5	412.3
-2.5°	0.0	18.1	49.7	86.3	131.2	172.5	221.7	267.0	312.2	361.1	410.7
-5°	0.0	18.0	49.6	86.3	130.7	172.4	220.9	266.1	311.2	358.9	408.2
-7.5°	0.0	17.9	49.3	86.0	129.9	171.9	219.5	264.5	309.4	355.9	404.6
-10°	0.0	17.8	48.8	85.6	128.7	170.9	217.6	262.3	306.9	352.1	400.1
-12.5°	0.0	17.7	48.3	84.9	127.3	169.5	215.2	259.5	303.7	347.9	395.9
-15°	0.0	17.5	47.6	83.9	125.5	167.6	212.3	256.2	300.1	344.4	391.4
-17.5°	0.0	17.3	46.9	82.8	123.4	165.2	209.0	252.6	296.3	340.0	386.0
-20°	0.0	17.0	46.0	81.4	121.1	162.4	205.4	248.7	291.8	334.9	379.6

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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	16.7	45.0	79.8	118.5	159.1	201.5	244.2	286.6	329.0	372.2
-25°	0.0	16.4	43.8	77.9	115.7	155.3	197.0	239.1	280.8	322.4	364.0
-27.5°	0.0	16.1	42.6	75.8	112.7	151.1	191.9	233.5	274.3	315.1	355.7
-30°	0.0	15.7	41.3	73.5	109.4	146.6	186.3	227.3	267.2	307.0	346.6
-32.5°	0.0	15.3	39.9	70.9	105.7	141.6	180.2	220.3	259.5	298.3	336.8
-35°	0.0	14.8	38.3	68.1	101.8	136.3	173.7	212.7	251.2	288.8	326.3
-37.5°	0.0	14.4	36.7	65.1	97.5	130.7	166.8	204.3	242.3	278.8	315.4
-40°	0.0	13.9	34.9	61.8	93.0	125.1	159.6	195.4	232.9	268.1	303.9
-42.5°	0.0	13.3	33.1	58.3	88.2	119.1	151.9	185.9	222.2	257.0	291.6
-45°	0.0	12.8	31.2	54.6	83.3	112.8	143.9	176.1	210.6	245.1	278.7
-47.5°	0.0	12.2	29.2	50.8	78.2	106.1	135.5	166.2	198.4	232.6	264.6
-50°	0.0	11.6	27.1	47.4	72.8	99.1	127.0	156.0	185.7	218.3	249.8
-52.5°	0.0	11.0	25.0	44.2	67.2	91.8	118.1	145.4	173.4	203.5	234.0
-55°	0.0	10.4	22.7	40.8	61.5	84.6	108.9	134.4	160.8	188.2	217.0
-57.5°	0.0	9.7	20.4	37.4	55.6	77.2	99.3	123.1	147.7	173.1	199.5
-60°	0.0	9.0	18.1	33.8	49.6	69.6	89.5	111.5	134.3	157.6	181.7
-62.5°	0.0	8.4	16.7	30.2	44.7	61.8	80.2	99.6	120.7	141.7	163.7
-65°	0.0	7.6	15.3	26.5	39.8	53.9	70.7	87.8	106.8	125.9	145.2
-67.5°	0.0	6.9	13.8	22.7	34.7	46.6	61.0	76.6	92.6	110.0	127.2
-70°	0.0	6.2	12.4	18.8	29.6	40.2	51.1	65.2	79.6	93.9	109.3
-72.5°	0.0	5.4	10.9	16.3	24.4	33.7	43.0	53.7	66.4	79.1	91.5
-75°	0.0	4.7	9.4	14.0	19.1	27.1	35.1	43.7	53.1	64.1	74.9
-77.5°	0.0	3.9	7.8	11.7	15.6	20.4	27.1	34.2	41.7	49.6	58.2
-80°	0.0	3.1	6.3	9.4	12.5	15.6	19.1	24.6	30.4	36.4	42.8
-82.5°	0.0	2.4	4.7	7.1	9.4	11.7	14.0	16.3	18.9	23.2	27.7
-85°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.8	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	20.8	23.4	26.0	28.4	30.8	33.1	35.3	37.4	39.4
82.5°	32.0	36.1	40.2	44.1	48.0	51.7	55.3	58.7	62.0	65.1	68.1
80°	48.6	54.1	59.7	64.8	69.9	74.8	79.6	84.1	88.5	93.2	98.2
77.5°	66.1	73.2	79.7	85.5	91.9	99.6	107.1	114.2	121.1	127.6	133.9
75°	84.2	92.3	101.1	109.8	119.0	128.2	137.2	145.9	154.3	163.0	171.6
72.5°	103.3	114.2	124.9	135.2	146.7	158.0	168.3	177.7	188.4	200.1	210.9
70°	123.5	136.1	149.5	162.9	175.9	188.4	201.2	214.1	227.1	239.7	251.8
67.5°	143.7	159.6	175.2	190.3	205.1	220.1	235.3	250.8	265.8	280.1	294.1
65°	165.3	183.1	200.5	217.4	233.9	252.2	270.2	287.6	306.5	324.1	339.4
62.5°	186.3	206.3	225.4	244.6	264.6	284.9	305.7	327.6	350.1	366.4	380.5
60°	206.5	229.0	250.4	272.4	294.7	317.6	341.6	364.8	385.5	403.3	418.0
57.5°	226.3	251.4	275.2	299.1	323.4	349.5	375.8	399.6	418.8	436.0	452.2
55°	245.4	273.3	298.6	323.9	351.6	382.2	409.2	430.6	450.3	464.5	480.0
52.5°	263.6	293.5	319.9	348.3	380.0	411.6	438.5	459.4	475.9	490.6	505.7
50°	281.0	311.0	340.4	372.7	406.1	437.9	465.1	484.3	500.9	516.2	530.7
47.5°	296.8	328.0	361.1	395.7	430.6	462.0	488.1	507.6	524.8	540.6	556.5
45°	311.7	345.2	380.4	418.3	454.1	485.2	508.9	529.9	546.5	564.1	584.2
42.5°	325.9	361.7	400.0	440.3	476.9	505.3	528.3	548.4	567.6	588.8	611.1
40°	339.9	377.1	418.5	460.9	498.2	522.8	545.9	567.2	589.2	613.3	637.7
37.5°	352.9	393.0	435.9	480.2	513.9	539.5	563.3	587.1	611.7	637.7	668.0
35°	364.9	407.5	452.5	495.3	527.6	555.6	581.1	606.9	634.6	666.3	699.7
32.5°	376.6	420.8	468.0	508.1	540.3	570.1	598.2	627.4	659.1	694.0	732.2
30°	388.0	433.7	481.5	521.2	551.5	582.0	615.0	647.5	682.7	721.5	766.4
27.5°	399.2	445.7	492.8	531.4	561.4	592.4	627.8	667.3	705.8	748.2	800.2
25°	409.3	458.0	504.0	539.6	569.9	602.4	639.4	681.4	726.6	777.1	840.8
22.5°	419.0	469.2	514.6	546.5	576.9	611.1	650.9	695.3	744.5	803.0	880.8
20°	428.0	477.8	521.7	552.8	582.8	618.1	660.8	707.6	763.8	834.6	927.6
17.5°	435.9	485.2	526.5	558.0	588.9	625.2	669.3	718.0	781.1	862.6	972.7
15°	442.6	491.2	530.8	562.0	594.1	632.6	678.0	731.0	800.2	890.0	1011.6
12.5°	448.2	495.9	534.3	564.9	598.2	638.0	685.3	743.6	819.2	919.8	1064.0
10°	452.5	499.3	537.0	566.7	601.1	641.6	691.1	753.4	834.6	944.8	1108.9
7.5°	456.8	502.4	539.0	567.5	602.7	643.4	695.2	760.3	845.8	963.6	1144.7
5°	459.8	505.2	540.1	569.2	603.8	644.2	697.9	764.4	852.9	975.9	1170.0
2.5°	461.6	506.9	540.2	570.4	603.8	644.5	701.2	766.6	860.7	986.3	1184.4
0°	462.2	507.5	539.2	570.9	602.6	643.4	702.3	765.8	865.4	992.3	1187.1
-2.5°	461.6	506.9	540.2	570.4	603.8	644.5	701.2	766.6	860.7	986.3	1184.4
-5°	459.8	505.2	540.1	569.2	603.8	644.2	697.9	764.4	852.9	975.9	1170.0
-7.5°	456.8	502.4	539.0	567.5	602.7	643.4	695.2	760.3	845.8	963.6	1144.7
-10°	452.5	499.3	537.0	566.7	601.1	641.6	691.1	753.4	834.6	944.8	1108.9
-12.5°	448.2	495.9	534.3	564.9	598.2	638.0	685.3	743.6	819.2	919.8	1064.0
-15°	442.6	491.2	530.8	562.0	594.1	632.6	678.0	731.0	800.2	890.0	1011.6
-17.5°	435.9	485.2	526.5	558.0	588.9	625.2	669.3	718.0	781.1	862.6	972.7
-20°	428.0	477.8	521.7	552.8	582.8	618.1	660.8	707.6	763.8	834.6	927.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	419.0	469.2	514.6	546.5	576.9	611.1	650.9	695.3	744.5	803.0	880.8
-25°	409.3	458.0	504.0	539.6	569.9	602.4	639.4	681.4	726.6	777.1	840.8
-27.5°	399.2	445.7	492.8	531.4	561.4	592.4	627.8	667.3	705.8	748.2	800.2
-30°	388.0	433.7	481.5	521.2	551.5	582.0	615.0	647.5	682.7	721.5	766.4
-32.5°	376.6	420.8	468.0	508.1	540.3	570.1	598.2	627.4	659.1	694.0	732.2
-35°	364.9	407.5	452.5	495.3	527.6	555.6	581.1	606.9	634.6	666.3	699.7
-37.5°	352.9	393.0	435.9	480.2	513.9	539.5	563.3	587.1	611.7	637.7	668.0
-40°	339.9	377.1	418.5	460.9	498.2	522.8	545.9	567.2	589.2	613.3	637.7
-42.5°	325.9	361.7	400.0	440.3	476.9	505.3	528.3	548.4	567.6	588.8	611.1
-45°	311.7	345.2	380.4	418.3	454.1	485.2	508.9	529.9	546.5	564.1	584.2
-47.5°	296.8	328.0	361.1	395.7	430.6	462.0	488.1	507.6	524.8	540.6	556.5
-50°	281.0	311.0	340.4	372.7	406.1	437.9	465.1	484.3	500.9	516.2	530.7
-52.5°	263.6	293.5	319.9	348.3	380.0	411.6	438.5	459.4	475.9	490.6	505.7
-55°	245.4	273.3	298.6	323.9	351.6	382.2	409.2	430.6	450.3	464.5	480.0
-57.5°	226.3	251.4	275.2	299.1	323.4	349.5	375.8	399.6	418.8	436.0	452.2
-60°	206.5	229.0	250.4	272.4	294.7	317.6	341.6	364.8	385.5	403.3	418.0
-62.5°	186.3	206.3	225.4	244.6	264.6	284.9	305.7	327.6	350.1	366.4	380.5
-65°	165.3	183.1	200.5	217.4	233.9	252.2	270.2	287.6	306.5	324.1	339.4
-67.5°	143.7	159.6	175.2	190.3	205.1	220.1	235.3	250.8	265.8	280.1	294.1
-70°	123.5	136.1	149.5	162.9	175.9	188.4	201.2	214.1	227.1	239.7	251.8
-72.5°	103.3	114.2	124.9	135.2	146.7	158.0	168.3	177.7	188.4	200.1	210.9
-75°	84.2	92.3	101.1	109.8	119.0	128.2	137.2	145.9	154.3	163.0	171.6
-77.5°	66.1	73.2	79.7	85.5	91.9	99.6	107.1	114.2	121.1	127.6	133.9
-80°	48.6	54.1	59.7	64.8	69.9	74.8	79.6	84.1	88.5	93.2	98.2
-82.5°	32.0	36.1	40.2	44.1	48.0	51.7	55.3	58.7	62.0	65.1	68.1
-85°	16.7	18.1	20.8	23.4	26.0	28.4	30.8	33.1	35.3	37.4	39.4
-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: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	17.7	17.8
85°	41.2	43.0	44.7	46.2	47.6	47.9	48.0	47.9	47.7	48.3	48.8
82.5°	70.9	74.1	77.3	80.5	83.6	84.8	85.6	86.1	86.5	87.7	88.7
80°	102.9	107.9	112.6	116.7	120.5	123.1	125.5	127.7	129.7	130.6	131.1
77.5°	140.1	146.2	151.9	157.2	162.1	166.0	169.1	171.6	173.5	174.8	175.6
75°	180.2	188.0	194.8	201.2	207.0	211.1	214.0	216.1	217.5	219.0	220.2
72.5°	220.7	229.5	237.6	245.3	252.0	256.8	260.1	262.8	264.8	266.3	267.0
70°	263.2	273.7	282.7	290.4	296.5	301.1	304.6	307.5	309.7	311.2	312.0
67.5°	307.3	318.5	327.0	333.7	339.2	344.0	348.4	351.6	353.8	356.0	358.3
65°	352.2	363.6	372.2	379.4	385.1	391.3	397.0	401.3	404.1	406.7	409.2
62.5°	394.4	407.3	417.3	426.7	436.1	445.0	450.2	454.2	457.1	459.6	462.5
60°	432.8	447.5	459.7	471.0	482.5	494.1	498.9	502.6	506.2	509.5	512.4
57.5°	466.8	482.4	497.3	508.4	519.5	530.3	537.8	541.9	544.6	546.1	547.4
55°	496.5	512.0	526.8	539.7	551.7	562.8	571.1	575.2	578.1	580.1	581.2
52.5°	523.0	539.7	555.5	569.8	582.7	594.8	605.2	610.7	615.2	618.3	619.4
50°	549.1	567.1	584.3	599.5	614.6	629.0	642.2	649.8	655.2	658.5	659.6
47.5°	576.3	595.9	614.4	632.1	649.2	666.3	682.0	692.4	700.1	705.8	709.9
45°	604.7	625.7	646.2	667.2	686.8	708.8	728.6	743.8	755.1	764.8	772.6
42.5°	633.2	656.8	680.4	707.4	734.2	759.1	782.8	803.0	821.4	839.4	853.5
40°	664.3	690.1	722.4	754.3	787.4	816.4	850.9	881.8	910.1	940.6	965.9
37.5°	698.2	731.4	769.6	807.9	850.9	892.6	940.8	988.2	1029.4	1082.9	1125.9
35°	735.1	777.2	822.3	873.7	929.1	994.6	1062.0	1141.0	1208.0	1293.1	1371.6
32.5°	776.2	825.8	884.2	954.9	1029.8	1134.9	1233.6	1367.5	1482.0	1629.6	1790.9
30°	818.1	882.1	961.7	1052.9	1179.5	1328.8	1502.8	1729.2	1974.0	2227.4	2568.4
27.5°	867.7	950.8	1050.2	1191.0	1380.5	1587.1	1941.6	2324.4	2857.7	3279.8	4031.7
25°	921.1	1024.0	1170.8	1374.9	1636.7	2054.9	2653.3	3346.3	4413.3	5362.5	6453.3
22.5°	984.4	1124.1	1318.5	1585.7	2042.3	2761.6	3695.7	5118.7	6700.6	8261.8	9688.8
20°	1051.4	1220.2	1491.9	1927.3	2632.9	3673.1	5339.5	7372.9	9473.0	11612.6	13415.7
17.5°	1129.6	1358.8	1716.8	2295.1	3301.7	5082.6	7308.5	9894.0	12637.6	15367.8	17739.4
15°	1196.9	1480.0	1962.1	2828.2	4329.4	6556.9	9292.7	12558.1	16008.2	19551.5	23391.8
12.5°	1282.6	1626.1	2214.8	3269.0	5241.2	8136.4	11483.9	15275.1	19488.2	24192.9	30179.8
10°	1361.3	1779.3	2547.2	3975.3	6337.2	9611.8	13376.6	17677.9	23142.6	30212.5	37434.1
7.5°	1424.4	1900.8	2805.0	4526.4	7256.3	10872.3	15080.8	20237.8	27055.5	35474.2	43725.4
5°	1468.2	1985.0	2989.5	4942.9	7995.7	11835.6	16290.3	22125.0	30353.7	39781.1	48206.2
2.5°	1495.8	2031.0	3079.8	5190.1	8477.9	12415.3	17044.8	23324.3	32375.2	42522.8	51052.9
0°	1508.8	2039.0	3022.2	5310.4	8545.6	12374.4	17113.9	23724.7	32854.9	43267.3	51763.1
-2.5°	1495.8	2031.0	3079.8	5190.1	8477.9	12415.3	17044.8	23324.3	32375.2	42522.8	51052.9
-5°	1468.2	1985.0	2989.5	4942.9	7995.7	11835.6	16290.3	22125.0	30353.7	39781.1	48206.2
-7.5°	1424.4	1900.8	2805.0	4526.4	7256.3	10872.3	15080.8	20237.8	27055.5	35474.2	43725.4
-10°	1361.3	1779.3	2547.2	3975.3	6337.2	9611.8	13376.6	17677.9	23142.6	30212.5	37434.1
-12.5°	1282.6	1626.1	2214.8	3269.0	5241.2	8136.4	11483.9	15275.1	19488.2	24192.9	30179.8
-15°	1196.9	1480.0	1962.1	2828.2	4329.4	6556.9	9292.7	12558.1	16008.2	19551.5	23391.8
-17.5°	1129.6	1358.8	1716.8	2295.1	3301.7	5082.6	7308.5	9894.0	12637.6	15367.8	17739.4
-20°	1051.4	1220.2	1491.9	1927.3	2632.9	3673.1	5339.5	7372.9	9473.0	11612.6	13415.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	984.4	1124.1	1318.5	1585.7	2042.3	2761.6	3695.7	5118.7	6700.6	8261.8	9688.8
-25°	921.1	1024.0	1170.8	1374.9	1636.7	2054.9	2653.3	3346.3	4413.3	5362.5	6453.3
-27.5°	867.7	950.8	1050.2	1191.0	1380.5	1587.1	1941.6	2324.4	2857.7	3279.8	4031.7
-30°	818.1	882.1	961.7	1052.9	1179.5	1328.8	1502.8	1729.2	1974.0	2227.4	2568.4
-32.5°	776.2	825.8	884.2	954.9	1029.8	1134.9	1233.6	1367.5	1482.0	1629.6	1790.9
-35°	735.1	777.2	822.3	873.7	929.1	994.6	1062.0	1141.0	1208.0	1293.1	1371.6
-37.5°	698.2	731.4	769.6	807.9	850.9	892.6	940.8	988.2	1029.4	1082.9	1125.9
-40°	664.3	690.1	722.4	754.3	787.4	816.4	850.9	881.8	910.1	940.6	965.9
-42.5°	633.2	656.8	680.4	707.4	734.2	759.1	782.8	803.0	821.4	839.4	853.5
-45°	604.7	625.7	646.2	667.2	686.8	708.8	728.6	743.8	755.1	764.8	772.6
-47.5°	576.3	595.9	614.4	632.1	649.2	666.3	682.0	692.4	700.1	705.8	709.9
-50°	549.1	567.1	584.3	599.5	614.6	629.0	642.2	649.8	655.2	658.5	659.6
-52.5°	523.0	539.7	555.5	569.8	582.7	594.8	605.2	610.7	615.2	618.3	619.4
-55°	496.5	512.0	526.8	539.7	551.7	562.8	571.1	575.2	578.1	580.1	581.2
-57.5°	466.8	482.4	497.3	508.4	519.5	530.3	537.8	541.9	544.6	546.1	547.4
-60°	432.8	447.5	459.7	471.0	482.5	494.1	498.9	502.6	506.2	509.5	512.4
-62.5°	394.4	407.3	417.3	426.7	436.1	445.0	450.2	454.2	457.1	459.6	462.5
-65°	352.2	363.6	372.2	379.4	385.1	391.3	397.0	401.3	404.1	406.7	409.2
-67.5°	307.3	318.5	327.0	333.7	339.2	344.0	348.4	351.6	353.8	356.0	358.3
-70°	263.2	273.7	282.7	290.4	296.5	301.1	304.6	307.5	309.7	311.2	312.0
-72.5°	220.7	229.5	237.6	245.3	252.0	256.8	260.1	262.8	264.8	266.3	267.0
-75°	180.2	188.0	194.8	201.2	207.0	211.1	214.0	216.1	217.5	219.0	220.2
-77.5°	140.1	146.2	151.9	157.2	162.1	166.0	169.1	171.6	173.5	174.8	175.6
-80°	102.9	107.9	112.6	116.7	120.5	123.1	125.5	127.7	129.7	130.6	131.1
-82.5°	70.9	74.1	77.3	80.5	83.6	84.8	85.6	86.1	86.5	87.7	88.7
-85°	41.2	43.0	44.7	46.2	47.6	47.9	48.0	47.9	47.7	48.3	48.8
-87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	17.7	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: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.7	17.5	17.3
85°	49.3	49.6	49.7	49.8	49.7	49.6	49.3	48.8	48.3	47.7	47.9
82.5°	89.5	90.1	90.5	90.6	90.5	90.1	89.5	88.7	87.7	86.5	86.1
80°	131.1	130.8	131.2	131.4	131.2	130.8	131.1	131.1	130.6	129.7	127.7
77.5°	175.9	175.9	176.5	176.7	176.5	175.9	175.9	175.6	174.8	173.5	171.6
75°	220.9	221.0	221.7	222.0	221.7	221.0	220.9	220.2	219.0	217.5	216.1
72.5°	267.0	266.3	267.0	267.3	267.0	266.3	267.0	267.0	266.3	264.8	262.8
70°	312.1	311.5	314.4	317.2	314.4	311.5	312.1	312.0	311.2	309.7	307.5
67.5°	360.0	360.9	364.1	367.0	364.1	360.9	360.0	358.3	356.0	353.8	351.6
65°	410.6	410.7	413.9	416.9	413.9	410.7	410.6	409.2	406.7	404.1	401.3
62.5°	464.3	464.8	468.0	471.2	468.0	464.8	464.3	462.5	459.6	457.1	454.2
60°	514.2	514.7	515.9	516.5	515.9	514.7	514.2	512.4	509.5	506.2	502.6
57.5°	547.8	547.4	547.9	548.3	547.9	547.4	547.8	547.4	546.1	544.6	541.9
55°	581.0	579.5	577.8	575.4	577.8	579.5	581.0	581.2	580.1	578.1	575.2
52.5°	618.5	616.1	613.9	611.7	613.9	616.1	618.5	619.4	618.3	615.2	610.7
50°	658.9	656.8	654.7	652.5	654.7	656.8	658.9	659.6	658.5	655.2	649.8
47.5°	712.7	713.7	713.3	711.4	713.3	713.7	712.7	709.9	705.8	700.1	692.4
45°	778.2	780.8	781.1	779.3	781.1	780.8	778.2	772.6	764.8	755.1	743.8
42.5°	863.4	869.1	872.3	874.5	872.3	869.1	863.4	853.5	839.4	821.4	803.0
40°	984.3	996.0	1003.5	1010.4	1003.5	996.0	984.3	965.9	940.6	910.1	881.8
37.5°	1157.7	1179.0	1188.4	1182.6	1188.4	1179.0	1157.7	1125.9	1082.9	1029.4	988.2
35°	1432.1	1472.5	1493.5	1495.3	1493.5	1472.5	1432.1	1371.6	1293.1	1208.0	1141.0
32.5°	1910.1	1992.8	2037.2	2043.5	2037.2	1992.8	1910.1	1790.9	1629.6	1482.0	1367.5
30°	2829.4	2998.1	3077.3	3058.5	3077.3	2998.1	2829.4	2568.4	2227.4	1974.0	1729.2
27.5°	4616.3	5036.8	5286.1	5305.9	5286.1	5036.8	4616.3	4031.7	3279.8	2857.7	2324.4
25°	7419.4	8137.4	8597.1	8604.5	8597.1	8137.4	7419.4	6453.3	5362.5	4413.3	3346.3
22.5°	11008.3	11988.3	12525.3	12619.1	12525.3	11988.3	11008.3	9688.8	8261.8	6700.6	5118.7
20°	15166.2	16469.9	17167.5	17168.3	17167.5	16469.9	15166.2	13415.7	11612.6	9473.0	7372.9
17.5°	20286.8	22403.8	23732.7	24304.7	23732.7	22403.8	20286.8	17739.4	15367.8	12637.6	9894.0
15°	27089.7	30647.1	32778.8	33163.0	32778.8	30647.1	27089.7	23391.8	19551.5	16008.2	12558.1
12.5°	35372.9	39874.9	42901.2	44010.4	42901.2	39874.9	35372.9	30179.8	24192.9	19488.2	15275.1
10°	44021.3	48192.7	51434.8	52524.3	51434.8	48192.7	44021.3	37434.1	30212.5	23142.6	17677.9
7.5°	50269.1	55243.3	58895.3	60499.0	58895.3	55243.3	50269.1	43725.4	35474.2	27055.5	20237.8
5°	55201.1	61086.8	64486.4	65995.2	64486.4	61086.8	55201.1	48206.2	39781.1	30353.7	22125.0
2.5°	58437.1	64252.7	67852.7	69244.0	67852.7	64252.7	58437.1	51052.9	42522.8	32375.2	23324.3
0°	59647.1	65333.6	68890.5	70589.7	68890.5	65333.6	59647.1	51763.1	43267.3	32854.9	23724.7
-2.5°	58437.1	64252.7	67852.7	69244.0	67852.7	64252.7	58437.1	51052.9	42522.8	32375.2	23324.3
-5°	55201.1	61086.8	64486.4	65995.2	64486.4	61086.8	55201.1	48206.2	39781.1	30353.7	22125.0
-7.5°	50269.1	55243.3	58895.3	60499.0	58895.3	55243.3	50269.1	43725.4	35474.2	27055.5	20237.8
-10°	44021.3	48192.7	51434.8	52524.3	51434.8	48192.7	44021.3	37434.1	30212.5	23142.6	17677.9
-12.5°	35372.9	39874.9	42901.2	44010.4	42901.2	39874.9	35372.9	30179.8	24192.9	19488.2	15275.1
-15°	27089.7	30647.1	32778.8	33163.0	32778.8	30647.1	27089.7	23391.8	19551.5	16008.2	12558.1
-17.5°	20286.8	22403.8	23732.7	24304.7	23732.7	22403.8	20286.8	17739.4	15367.8	12637.6	9894.0
-20°	15166.2	16469.9	17167.5	17168.3	17167.5	16469.9	15166.2	13415.7	11612.6	9473.0	7372.9



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11008.3	11988.3	12525.3	12619.1	12525.3	11988.3	11008.3	9688.8	8261.8	6700.6	5118.7
-25°	7419.4	8137.4	8597.1	8604.5	8597.1	8137.4	7419.4	6453.3	5362.5	4413.3	3346.3
-27.5°	4616.3	5036.8	5286.1	5305.9	5286.1	5036.8	4616.3	4031.7	3279.8	2857.7	2324.4
-30°	2829.4	2998.1	3077.3	3058.5	3077.3	2998.1	2829.4	2568.4	2227.4	1974.0	1729.2
-32.5°	1910.1	1992.8	2037.2	2043.5	2037.2	1992.8	1910.1	1790.9	1629.6	1482.0	1367.5
-35°	1432.1	1472.5	1493.5	1495.3	1493.5	1472.5	1432.1	1371.6	1293.1	1208.0	1141.0
-37.5°	1157.7	1179.0	1188.4	1182.6	1188.4	1179.0	1157.7	1125.9	1082.9	1029.4	988.2
-40°	984.3	996.0	1003.5	1010.4	1003.5	996.0	984.3	965.9	940.6	910.1	881.8
-42.5°	863.4	869.1	872.3	874.5	872.3	869.1	863.4	853.5	839.4	821.4	803.0
-45°	778.2	780.8	781.1	779.3	781.1	780.8	778.2	772.6	764.8	755.1	743.8
-47.5°	712.7	713.7	713.3	711.4	713.3	713.7	712.7	709.9	705.8	700.1	692.4
-50°	658.9	656.8	654.7	652.5	654.7	656.8	658.9	659.6	658.5	655.2	649.8
-52.5°	618.5	616.1	613.9	611.7	613.9	616.1	618.5	619.4	618.3	615.2	610.7
-55°	581.0	579.5	577.8	575.4	577.8	579.5	581.0	581.2	580.1	578.1	575.2
-57.5°	547.8	547.4	547.9	548.3	547.9	547.4	547.8	547.4	546.1	544.6	541.9
-60°	514.2	514.7	515.9	516.5	515.9	514.7	514.2	512.4	509.5	506.2	502.6
-62.5°	464.3	464.8	468.0	471.2	468.0	464.8	464.3	462.5	459.6	457.1	454.2
-65°	410.6	410.7	413.9	416.9	413.9	410.7	410.6	409.2	406.7	404.1	401.3
-67.5°	360.0	360.9	364.1	367.0	364.1	360.9	360.0	358.3	356.0	353.8	351.6
-70°	312.1	311.5	314.4	317.2	314.4	311.5	312.1	312.0	311.2	309.7	307.5
-72.5°	267.0	266.3	267.0	267.3	267.0	266.3	267.0	267.0	266.3	264.8	262.8
-75°	220.9	221.0	221.7	222.0	221.7	221.0	220.9	220.2	219.0	217.5	216.1
-77.5°	175.9	175.9	176.5	176.7	176.5	175.9	175.9	175.6	174.8	173.5	171.6
-80°	131.1	130.8	131.2	131.4	131.2	130.8	131.1	131.1	130.6	129.7	127.7
-82.5°	89.5	90.1	90.5	90.6	90.5	90.1	89.5	88.7	87.7	86.5	86.1
-85°	49.3	49.6	49.7	49.8	49.7	49.6	49.3	48.8	48.3	47.7	47.9
-87.5°	17.9	18.0	18.1	18.1	18.1	18.0	17.9	17.8	17.7	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: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
85°	48.0	47.9	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.1
82.5°	85.6	84.8	83.6	80.5	77.3	74.1	70.9	68.1	65.1	62.0	58.7
80°	125.5	123.1	120.5	116.7	112.6	107.9	102.9	98.2	93.2	88.5	84.1
77.5°	169.1	166.0	162.1	157.2	151.9	146.2	140.1	133.9	127.6	121.1	114.2
75°	214.0	211.1	207.0	201.2	194.8	188.0	180.2	171.6	163.0	154.3	145.9
72.5°	260.1	256.8	252.0	245.3	237.6	229.5	220.7	210.9	200.1	188.4	177.7
70°	304.6	301.1	296.5	290.4	282.7	273.7	263.2	251.8	239.7	227.1	214.1
67.5°	348.4	344.0	339.2	333.7	327.0	318.5	307.3	294.1	280.1	265.8	250.8
65°	397.0	391.3	385.1	379.4	372.2	363.6	352.2	339.4	324.1	306.5	287.6
62.5°	450.2	445.0	436.1	426.7	417.3	407.3	394.4	380.5	366.4	350.1	327.6
60°	498.9	494.1	482.5	471.0	459.7	447.5	432.8	418.0	403.3	385.5	364.8
57.5°	537.8	530.3	519.5	508.4	497.3	482.4	466.8	452.2	436.0	418.8	399.6
55°	571.1	562.8	551.7	539.7	526.8	512.0	496.5	480.0	464.5	450.3	430.6
52.5°	605.2	594.8	582.7	569.8	555.5	539.7	523.0	505.7	490.6	475.9	459.4
50°	642.2	629.0	614.6	599.5	584.3	567.1	549.1	530.7	516.2	500.9	484.3
47.5°	682.0	666.3	649.2	632.1	614.4	595.9	576.3	556.5	540.6	524.8	507.6
45°	728.6	708.8	686.8	667.2	646.2	625.7	604.7	584.2	564.1	546.5	529.9
42.5°	782.8	759.1	734.2	707.4	680.4	656.8	633.2	611.1	588.8	567.6	548.4
40°	850.9	816.4	787.4	754.3	722.4	690.1	664.3	637.7	613.3	589.2	567.2
37.5°	940.8	892.6	850.9	807.9	769.6	731.4	698.2	668.0	637.7	611.7	587.1
35°	1062.0	994.6	929.1	873.7	822.3	777.2	735.1	699.7	666.3	634.6	606.9
32.5°	1233.6	1134.9	1029.8	954.9	884.2	825.8	776.2	732.2	694.0	659.1	627.4
30°	1502.8	1328.8	1179.5	1052.9	961.7	882.1	818.1	766.4	721.5	682.7	647.5
27.5°	1941.6	1587.1	1380.5	1191.0	1050.2	950.8	867.7	800.2	748.2	705.8	667.3
25°	2653.3	2054.9	1636.7	1374.9	1170.8	1024.0	921.1	840.8	777.1	726.6	681.4
22.5°	3695.7	2761.6	2042.3	1585.7	1318.5	1124.1	984.4	880.8	803.0	744.5	695.3
20°	5339.5	3673.1	2632.9	1927.3	1491.9	1220.2	1051.4	927.6	834.6	763.8	707.6
17.5°	7308.5	5082.6	3301.7	2295.1	1716.8	1358.8	1129.6	972.7	862.6	781.1	718.0
15°	9292.7	6556.9	4329.4	2828.2	1962.1	1480.0	1196.9	1011.6	890.0	800.2	731.0
12.5°	11483.9	8136.4	5241.2	3269.0	2214.8	1626.1	1282.6	1064.0	919.8	819.2	743.6
10°	13376.6	9611.8	6337.2	3975.3	2547.2	1779.3	1361.3	1108.9	944.8	834.6	753.4
7.5°	15080.8	10872.3	7256.3	4526.4	2805.0	1900.8	1424.4	1144.7	963.6	845.8	760.3
5°	16290.3	11835.6	7995.7	4942.9	2989.5	1985.0	1468.2	1170.0	975.9	852.9	764.4
2.5°	17044.8	12415.3	8477.9	5190.1	3079.8	2031.0	1495.8	1184.4	986.3	860.7	766.6
0°	17113.9	12374.4	8545.6	5310.4	3022.2	2039.0	1508.8	1187.1	992.3	865.4	765.8
-2.5°	17044.8	12415.3	8477.9	5190.1	3079.8	2031.0	1495.8	1184.4	986.3	860.7	766.6
-5°	16290.3	11835.6	7995.7	4942.9	2989.5	1985.0	1468.2	1170.0	975.9	852.9	764.4
-7.5°	15080.8	10872.3	7256.3	4526.4	2805.0	1900.8	1424.4	1144.7	963.6	845.8	760.3
-10°	13376.6	9611.8	6337.2	3975.3	2547.2	1779.3	1361.3	1108.9	944.8	834.6	753.4
-12.5°	11483.9	8136.4	5241.2	3269.0	2214.8	1626.1	1282.6	1064.0	919.8	819.2	743.6
-15°	9292.7	6556.9	4329.4	2828.2	1962.1	1480.0	1196.9	1011.6	890.0	800.2	731.0
-17.5°	7308.5	5082.6	3301.7	2295.1	1716.8	1358.8	1129.6	972.7	862.6	781.1	718.0
-20°	5339.5	3673.1	2632.9	1927.3	1491.9	1220.2	1051.4	927.6	834.6	763.8	707.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3695.7	2761.6	2042.3	1585.7	1318.5	1124.1	984.4	880.8	803.0	744.5	695.3
-25°	2653.3	2054.9	1636.7	1374.9	1170.8	1024.0	921.1	840.8	777.1	726.6	681.4
-27.5°	1941.6	1587.1	1380.5	1191.0	1050.2	950.8	867.7	800.2	748.2	705.8	667.3
-30°	1502.8	1328.8	1179.5	1052.9	961.7	882.1	818.1	766.4	721.5	682.7	647.5
-32.5°	1233.6	1134.9	1029.8	954.9	884.2	825.8	776.2	732.2	694.0	659.1	627.4
-35°	1062.0	994.6	929.1	873.7	822.3	777.2	735.1	699.7	666.3	634.6	606.9
-37.5°	940.8	892.6	850.9	807.9	769.6	731.4	698.2	668.0	637.7	611.7	587.1
-40°	850.9	816.4	787.4	754.3	722.4	690.1	664.3	637.7	613.3	589.2	567.2
-42.5°	782.8	759.1	734.2	707.4	680.4	656.8	633.2	611.1	588.8	567.6	548.4
-45°	728.6	708.8	686.8	667.2	646.2	625.7	604.7	584.2	564.1	546.5	529.9
-47.5°	682.0	666.3	649.2	632.1	614.4	595.9	576.3	556.5	540.6	524.8	507.6
-50°	642.2	629.0	614.6	599.5	584.3	567.1	549.1	530.7	516.2	500.9	484.3
-52.5°	605.2	594.8	582.7	569.8	555.5	539.7	523.0	505.7	490.6	475.9	459.4
-55°	571.1	562.8	551.7	539.7	526.8	512.0	496.5	480.0	464.5	450.3	430.6
-57.5°	537.8	530.3	519.5	508.4	497.3	482.4	466.8	452.2	436.0	418.8	399.6
-60°	498.9	494.1	482.5	471.0	459.7	447.5	432.8	418.0	403.3	385.5	364.8
-62.5°	450.2	445.0	436.1	426.7	417.3	407.3	394.4	380.5	366.4	350.1	327.6
-65°	397.0	391.3	385.1	379.4	372.2	363.6	352.2	339.4	324.1	306.5	287.6
-67.5°	348.4	344.0	339.2	333.7	327.0	318.5	307.3	294.1	280.1	265.8	250.8
-70°	304.6	301.1	296.5	290.4	282.7	273.7	263.2	251.8	239.7	227.1	214.1
-72.5°	260.1	256.8	252.0	245.3	237.6	229.5	220.7	210.9	200.1	188.4	177.7
-75°	214.0	211.1	207.0	201.2	194.8	188.0	180.2	171.6	163.0	154.3	145.9
-77.5°	169.1	166.0	162.1	157.2	151.9	146.2	140.1	133.9	127.6	121.1	114.2
-80°	125.5	123.1	120.5	116.7	112.6	107.9	102.9	98.2	93.2	88.5	84.1
-82.5°	85.6	84.8	83.6	80.5	77.3	74.1	70.9	68.1	65.1	62.0	58.7
-85°	48.0	47.9	47.6	46.2	44.7	43.0	41.2	39.4	37.4	35.3	33.1
-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: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.2	11.6	11.0	10.4	9.7	9.0	8.4	7.6	6.9	6.2	5.4
85°	30.8	28.4	26.0	23.4	20.8	18.1	16.7	15.3	13.8	12.4	10.9
82.5°	55.3	51.7	48.0	44.1	40.2	36.1	32.0	27.7	23.2	18.9	16.3
80°	79.6	74.8	69.9	64.8	59.7	54.1	48.6	42.8	36.4	30.4	24.6
77.5°	107.1	99.6	91.9	85.5	79.7	73.2	66.1	58.2	49.6	41.7	34.2
75°	137.2	128.2	119.0	109.8	101.1	92.3	84.2	74.9	64.1	53.1	43.7
72.5°	168.3	158.0	146.7	135.2	124.9	114.2	103.3	91.5	79.1	66.4	53.7
70°	201.2	188.4	175.9	162.9	149.5	136.1	123.5	109.3	93.9	79.6	65.2
67.5°	235.3	220.1	205.1	190.3	175.2	159.6	143.7	127.2	110.0	92.6	76.6
65°	270.2	252.2	233.9	217.4	200.5	183.1	165.3	145.2	125.9	106.8	87.8
62.5°	305.7	284.9	264.6	244.6	225.4	206.3	186.3	163.7	141.7	120.7	99.6
60°	341.6	317.6	294.7	272.4	250.4	229.0	206.5	181.7	157.6	134.3	111.5
57.5°	375.8	349.5	323.4	299.1	275.2	251.4	226.3	199.5	173.1	147.7	123.1
55°	409.2	382.2	351.6	323.9	298.6	273.3	245.4	217.0	188.2	160.8	134.4
52.5°	438.5	411.6	380.0	348.3	319.9	293.5	263.6	234.0	203.5	173.4	145.4
50°	465.1	437.9	406.1	372.7	340.4	311.0	281.0	249.8	218.3	185.7	156.0
47.5°	488.1	462.0	430.6	395.7	361.1	328.0	296.8	264.6	232.6	198.4	166.2
45°	508.9	485.2	454.1	418.3	380.4	345.2	311.7	278.7	245.1	210.6	176.1
42.5°	528.3	505.3	476.9	440.3	400.0	361.7	325.9	291.6	257.0	222.2	185.9
40°	545.9	522.8	498.2	460.9	418.5	377.1	339.9	303.9	268.1	232.9	195.4
37.5°	563.3	539.5	513.9	480.2	435.9	393.0	352.9	315.4	278.8	242.3	204.3
35°	581.1	555.6	527.6	495.3	452.5	407.5	364.9	326.3	288.8	251.2	212.7
32.5°	598.2	570.1	540.3	508.1	468.0	420.8	376.6	336.8	298.3	259.5	220.3
30°	615.0	582.0	551.5	521.2	481.5	433.7	388.0	346.6	307.0	267.2	227.3
27.5°	627.8	592.4	561.4	531.4	492.8	445.7	399.2	355.7	315.1	274.3	233.5
25°	639.4	602.4	569.9	539.6	504.0	458.0	409.3	364.0	322.4	280.8	239.1
22.5°	650.9	611.1	576.9	546.5	514.6	469.2	419.0	372.2	329.0	286.6	244.2
20°	660.8	618.1	582.8	552.8	521.7	477.8	428.0	379.6	334.9	291.8	248.7
17.5°	669.3	625.2	588.9	558.0	526.5	485.2	435.9	386.0	340.0	296.3	252.6
15°	678.0	632.6	594.1	562.0	530.8	491.2	442.6	391.4	344.4	300.1	256.2
12.5°	685.3	638.0	598.2	564.9	534.3	495.9	448.2	395.9	347.9	303.7	259.5
10°	691.1	641.6	601.1	566.7	537.0	499.3	452.5	400.1	352.1	306.9	262.3
7.5°	695.2	643.4	602.7	567.5	539.0	502.4	456.8	404.6	355.9	309.4	264.5
5°	697.9	644.2	603.8	569.2	540.1	505.2	459.8	408.2	358.9	311.2	266.1
2.5°	701.2	644.5	603.8	570.4	540.2	506.9	461.6	410.7	361.1	312.2	267.0
0°	702.3	643.4	602.6	570.9	539.2	507.5	462.2	412.3	362.5	312.6	267.3
-2.5°	701.2	644.5	603.8	570.4	540.2	506.9	461.6	410.7	361.1	312.2	267.0
-5°	697.9	644.2	603.8	569.2	540.1	505.2	459.8	408.2	358.9	311.2	266.1
-7.5°	695.2	643.4	602.7	567.5	539.0	502.4	456.8	404.6	355.9	309.4	264.5
-10°	691.1	641.6	601.1	566.7	537.0	499.3	452.5	400.1	352.1	306.9	262.3
-12.5°	685.3	638.0	598.2	564.9	534.3	495.9	448.2	395.9	347.9	303.7	259.5
-15°	678.0	632.6	594.1	562.0	530.8	491.2	442.6	391.4	344.4	300.1	256.2
-17.5°	669.3	625.2	588.9	558.0	526.5	485.2	435.9	386.0	340.0	296.3	252.6
-20°	660.8	618.1	582.8	552.8	521.7	477.8	428.0	379.6	334.9	291.8	248.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	650.9	611.1	576.9	546.5	514.6	469.2	419.0	372.2	329.0	286.6	244.2
-25°	639.4	602.4	569.9	539.6	504.0	458.0	409.3	364.0	322.4	280.8	239.1
-27.5°	627.8	592.4	561.4	531.4	492.8	445.7	399.2	355.7	315.1	274.3	233.5
-30°	615.0	582.0	551.5	521.2	481.5	433.7	388.0	346.6	307.0	267.2	227.3
-32.5°	598.2	570.1	540.3	508.1	468.0	420.8	376.6	336.8	298.3	259.5	220.3
-35°	581.1	555.6	527.6	495.3	452.5	407.5	364.9	326.3	288.8	251.2	212.7
-37.5°	563.3	539.5	513.9	480.2	435.9	393.0	352.9	315.4	278.8	242.3	204.3
-40°	545.9	522.8	498.2	460.9	418.5	377.1	339.9	303.9	268.1	232.9	195.4
-42.5°	528.3	505.3	476.9	440.3	400.0	361.7	325.9	291.6	257.0	222.2	185.9
-45°	508.9	485.2	454.1	418.3	380.4	345.2	311.7	278.7	245.1	210.6	176.1
-47.5°	488.1	462.0	430.6	395.7	361.1	328.0	296.8	264.6	232.6	198.4	166.2
-50°	465.1	437.9	406.1	372.7	340.4	311.0	281.0	249.8	218.3	185.7	156.0
-52.5°	438.5	411.6	380.0	348.3	319.9	293.5	263.6	234.0	203.5	173.4	145.4
-55°	409.2	382.2	351.6	323.9	298.6	273.3	245.4	217.0	188.2	160.8	134.4
-57.5°	375.8	349.5	323.4	299.1	275.2	251.4	226.3	199.5	173.1	147.7	123.1
-60°	341.6	317.6	294.7	272.4	250.4	229.0	206.5	181.7	157.6	134.3	111.5
-62.5°	305.7	284.9	264.6	244.6	225.4	206.3	186.3	163.7	141.7	120.7	99.6
-65°	270.2	252.2	233.9	217.4	200.5	183.1	165.3	145.2	125.9	106.8	87.8
-67.5°	235.3	220.1	205.1	190.3	175.2	159.6	143.7	127.2	110.0	92.6	76.6
-70°	201.2	188.4	175.9	162.9	149.5	136.1	123.5	109.3	93.9	79.6	65.2
-72.5°	168.3	158.0	146.7	135.2	124.9	114.2	103.3	91.5	79.1	66.4	53.7
-75°	137.2	128.2	119.0	109.8	101.1	92.3	84.2	74.9	64.1	53.1	43.7
-77.5°	107.1	99.6	91.9	85.5	79.7	73.2	66.1	58.2	49.6	41.7	34.2
-80°	79.6	74.8	69.9	64.8	59.7	54.1	48.6	42.8	36.4	30.4	24.6
-82.5°	55.3	51.7	48.0	44.1	40.2	36.1	32.0	27.7	23.2	18.9	16.3
-85°	30.8	28.4	26.0	23.4	20.8	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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Scaled Data Report



REPORT NUMBER: P627785 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0
85°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
82.5°	14.0	11.7	9.4	7.1	4.7	2.4	0.0
80°	19.1	15.6	12.5	9.4	6.3	3.1	0.0
77.5°	27.1	20.4	15.6	11.7	7.8	3.9	0.0
75°	35.1	27.1	19.1	14.0	9.4	4.7	0.0
72.5°	43.0	33.7	24.4	16.3	10.9	5.4	0.0
70°	51.1	40.2	29.6	18.8	12.4	6.2	0.0
67.5°	61.0	46.6	34.7	22.7	13.8	6.9	0.0
65°	70.7	53.9	39.8	26.5	15.3	7.6	0.0
62.5°	80.2	61.8	44.7	30.2	16.7	8.4	0.0
60°	89.5	69.6	49.6	33.8	18.1	9.0	0.0
57.5°	99.3	77.2	55.6	37.4	20.4	9.7	0.0
55°	108.9	84.6	61.5	40.8	22.7	10.4	0.0
52.5°	118.1	91.8	67.2	44.2	25.0	11.0	0.0
50°	127.0	99.1	72.8	47.4	27.1	11.6	0.0
47.5°	135.5	106.1	78.2	50.8	29.2	12.2	0.0
45°	143.9	112.8	83.3	54.6	31.2	12.8	0.0
42.5°	151.9	119.1	88.2	58.3	33.1	13.3	0.0
40°	159.6	125.1	93.0	61.8	34.9	13.9	0.0
37.5°	166.8	130.7	97.5	65.1	36.7	14.4	0.0
35°	173.7	136.3	101.8	68.1	38.3	14.8	0.0
32.5°	180.2	141.6	105.7	70.9	39.9	15.3	0.0
30°	186.3	146.6	109.4	73.5	41.3	15.7	0.0
27.5°	191.9	151.1	112.7	75.8	42.6	16.1	0.0
25°	197.0	155.3	115.7	77.9	43.8	16.4	0.0
22.5°	201.5	159.1	118.5	79.8	45.0	16.7	0.0
20°	205.4	162.4	121.1	81.4	46.0	17.0	0.0
17.5°	209.0	165.2	123.4	82.8	46.9	17.3	0.0
15°	212.3	167.6	125.5	83.9	47.6	17.5	0.0
12.5°	215.2	169.5	127.3	84.9	48.3	17.7	0.0
10°	217.6	170.9	128.7	85.6	48.8	17.8	0.0
7.5°	219.5	171.9	129.9	86.0	49.3	17.9	0.0
5°	220.9	172.4	130.7	86.3	49.6	18.0	0.0
2.5°	221.7	172.5	131.2	86.3	49.7	18.1	0.0
0°	222.0	172.2	131.4	86.1	49.8	18.1	0.0
-2.5°	221.7	172.5	131.2	86.3	49.7	18.1	0.0
-5°	220.9	172.4	130.7	86.3	49.6	18.0	0.0
-7.5°	219.5	171.9	129.9	86.0	49.3	17.9	0.0
-10°	217.6	170.9	128.7	85.6	48.8	17.8	0.0
-12.5°	215.2	169.5	127.3	84.9	48.3	17.7	0.0
-15°	212.3	167.6	125.5	83.9	47.6	17.5	0.0
-17.5°	209.0	165.2	123.4	82.8	46.9	17.3	0.0
-20°	205.4	162.4	121.1	81.4	46.0	17.0	0.0

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.5	159.1	118.5	79.8	45.0	16.7	0.0
-25°	197.0	155.3	115.7	77.9	43.8	16.4	0.0
-27.5°	191.9	151.1	112.7	75.8	42.6	16.1	0.0
-30°	186.3	146.6	109.4	73.5	41.3	15.7	0.0
-32.5°	180.2	141.6	105.7	70.9	39.9	15.3	0.0
-35°	173.7	136.3	101.8	68.1	38.3	14.8	0.0
-37.5°	166.8	130.7	97.5	65.1	36.7	14.4	0.0
-40°	159.6	125.1	93.0	61.8	34.9	13.9	0.0
-42.5°	151.9	119.1	88.2	58.3	33.1	13.3	0.0
-45°	143.9	112.8	83.3	54.6	31.2	12.8	0.0
-47.5°	135.5	106.1	78.2	50.8	29.2	12.2	0.0
-50°	127.0	99.1	72.8	47.4	27.1	11.6	0.0
-52.5°	118.1	91.8	67.2	44.2	25.0	11.0	0.0
-55°	108.9	84.6	61.5	40.8	22.7	10.4	0.0
-57.5°	99.3	77.2	55.6	37.4	20.4	9.7	0.0
-60°	89.5	69.6	49.6	33.8	18.1	9.0	0.0
-62.5°	80.2	61.8	44.7	30.2	16.7	8.4	0.0
-65°	70.7	53.9	39.8	26.5	15.3	7.6	0.0
-67.5°	61.0	46.6	34.7	22.7	13.8	6.9	0.0
-70°	51.1	40.2	29.6	18.8	12.4	6.2	0.0
-72.5°	43.0	33.7	24.4	16.3	10.9	5.4	0.0
-75°	35.1	27.1	19.1	14.0	9.4	4.7	0.0
-77.5°	27.1	20.4	15.6	11.7	7.8	3.9	0.0
-80°	19.1	15.6	12.5	9.4	6.3	3.1	0.0
-82.5°	14.0	11.7	9.4	7.1	4.7	2.4	0.0
-85°	9.4	7.8	6.3	4.7	3.2	1.6	0.0
-87.5°	4.7	3.9	3.1	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)