

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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-722-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N62  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

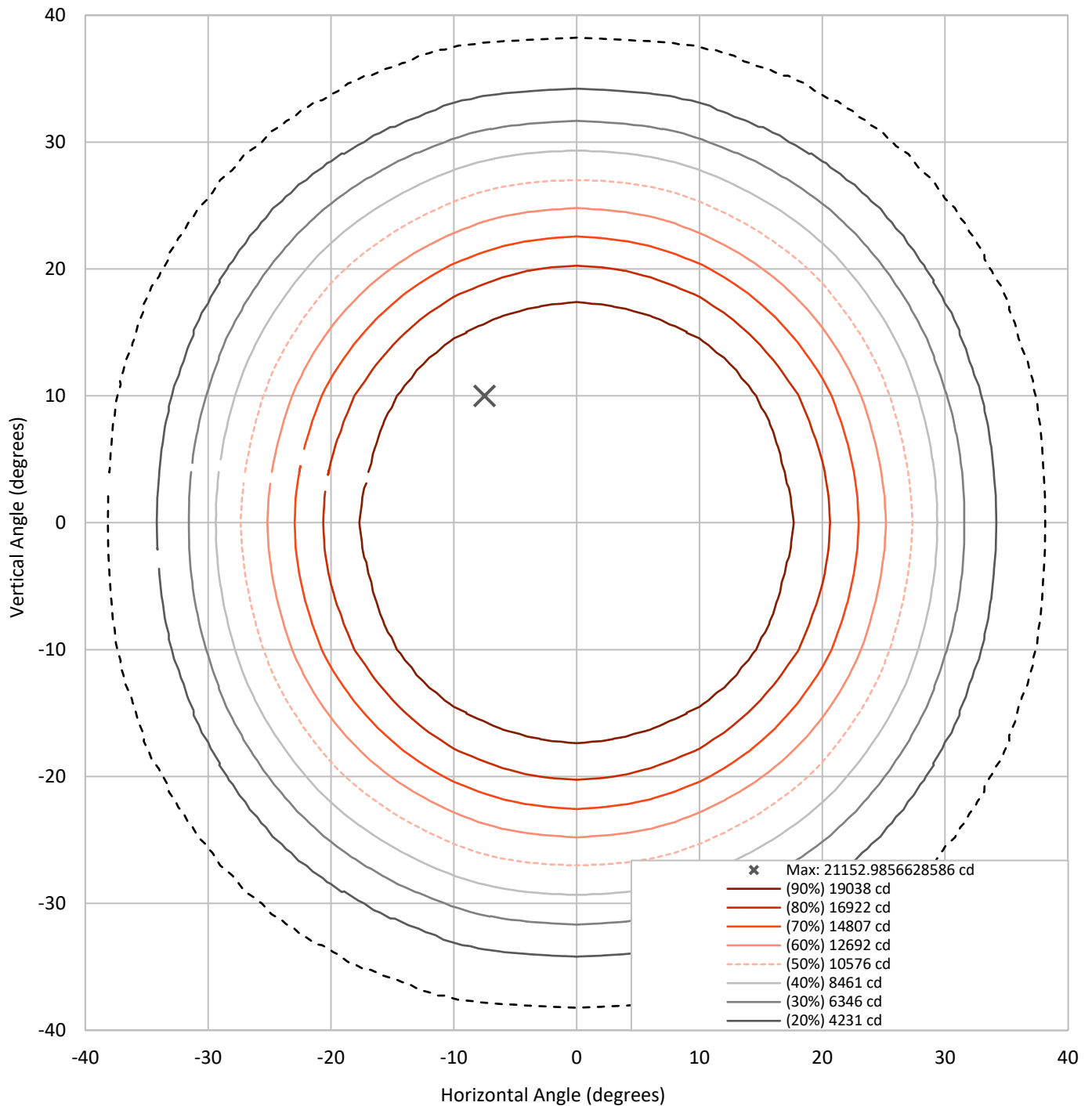
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18003.2 lumens	Max Intensity:	21153 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	97.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	11949.5 lumens	Field Lumens:	15537.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	185.2		
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





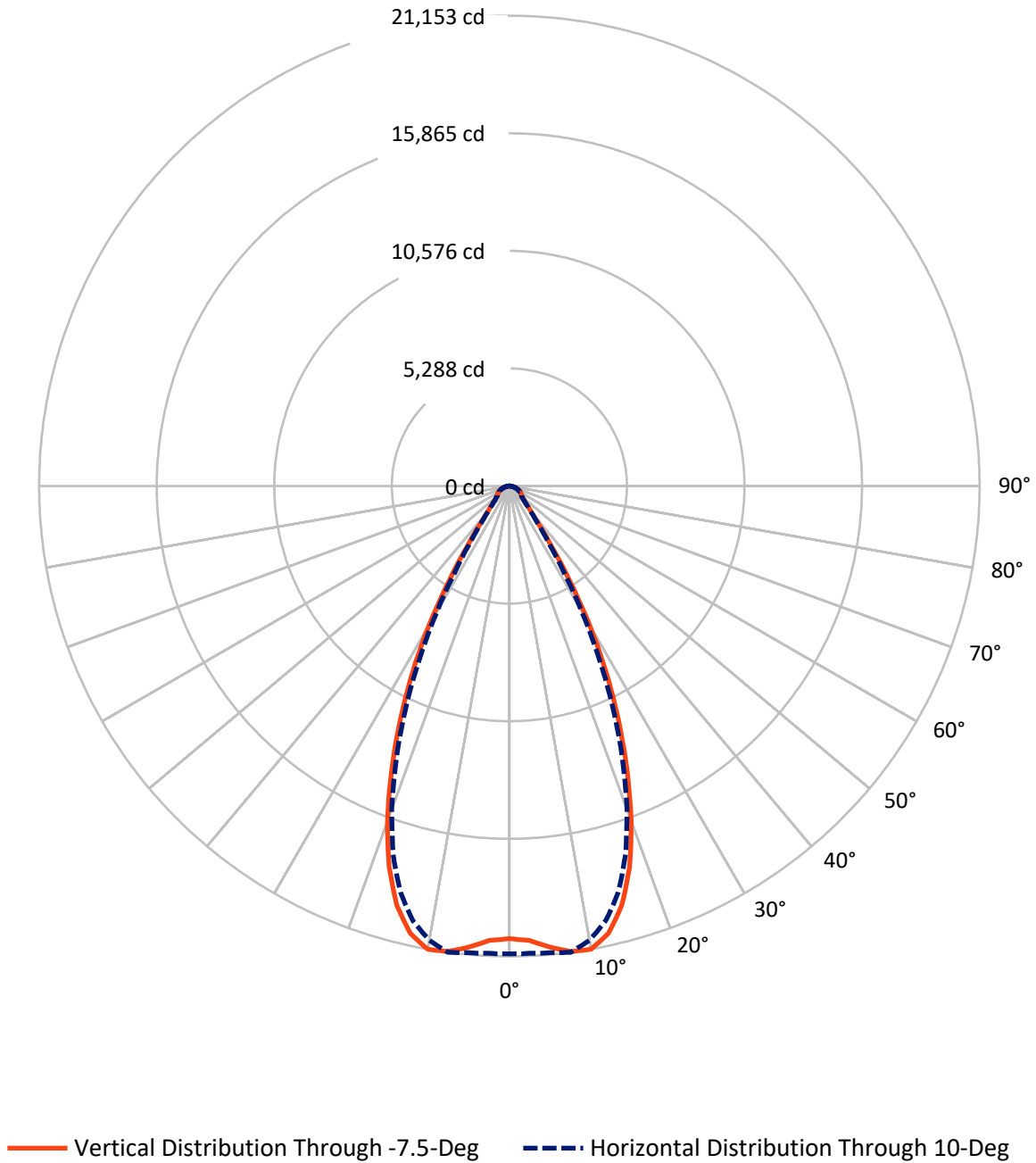
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### Lumen Table

90															90				
80	0.5	4.2		11.3		17.9		20.0		17.9		11.3		4.2		0.5			
70															70				
60	1.9	2.2	4.4	7.2	10.1	12.2	13.8	14.6	14.6	13.8	12.2	10.1	7.2	4.4	2.2	1.9			
50		3.2	6.5	10.4	13.9	16.8	18.8	19.6	19.6	18.8	16.8	13.9	10.4	6.5	3.2				
40	3.4	4.2	8.2	12.6	16.9	22.0	27.7	31.7	31.7	27.7	22.0	16.9	12.6	8.2	4.2	3.4			
30		5.0	9.6	14.5	22.4	40.9	78.3	116.1	116.1	78.3	40.9	22.4	14.5	9.6	5.0				
20	4.4	5.5	10.4	16.9	36.9	115.6	259.3	362.1	362.1	259.3	115.6	36.9	16.9	10.4	5.5	4.4			
10		5.9	11.0	20.1	66.7	246.4	470.5	588.9	588.9	470.5	246.4	66.7	20.1	11.0	5.9				
0	4.7	6.1	11.2	22.6	96.0	337.2	570.8	621.1	621.1	570.8	337.2	96.0	22.6	11.2	6.1	4.7			
-10		6.1	11.2	22.6	96.0	337.2	570.8	621.1	621.1	570.8	337.2	96.0	22.6	11.2	6.1				
-20	4.4	5.9	11.0	20.1	66.7	246.4	470.5	588.9	588.9	470.5	246.4	66.7	20.1	11.0	5.9	4.4			
-30		5.5	10.4	16.9	36.9	115.6	259.3	362.1	362.1	259.3	115.6	36.9	16.9	10.4	5.5				
-40	3.4	5.0	9.6	14.5	22.4	40.9	78.3	116.1	116.1	78.3	40.9	22.4	14.5	9.6	5.0	3.4			
-50		4.2	8.2	12.6	16.9	22.0	27.7	31.7	31.7	27.7	22.0	16.9	12.6	8.2	4.2				
-60	1.9	3.2	6.5	10.4	13.9	16.8	18.8	19.6	19.6	18.8	16.8	13.9	10.4	6.5	3.2	1.9			
-70		2.2	4.4	7.2	10.1	12.2	13.8	14.6	14.6	13.8	12.2	10.1	7.2	4.4	2.2				
-80															-80				
-90	0.5	4.2		11.3		17.9		20.0		17.9		11.3		4.2		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

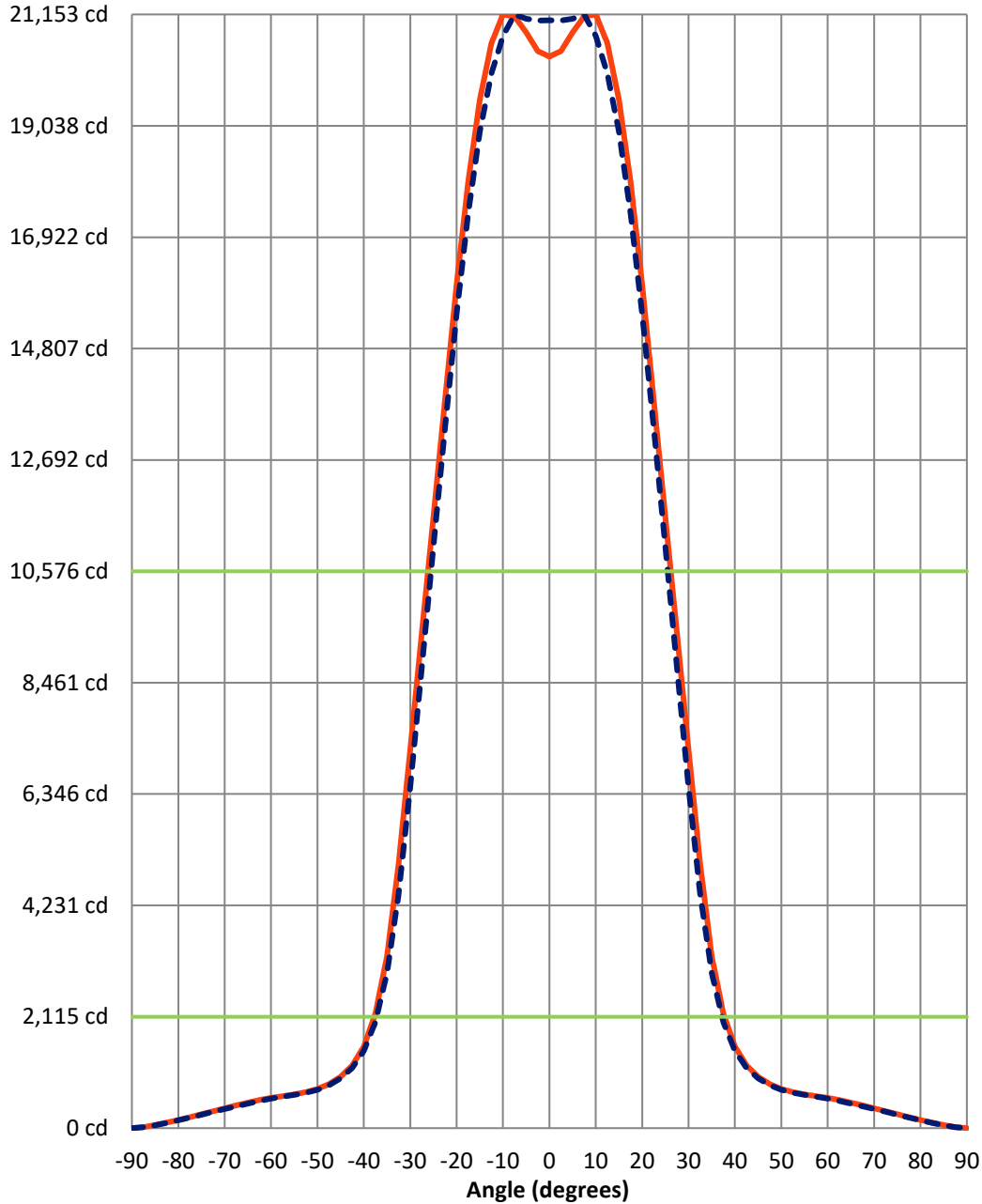
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 11949.5  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 15537.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2465.5  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.8	7.0	8.1	9.4
85°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.7	13.9	16.2	18.7
82.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	17.4	21.2	26.7	31.9
80°	0.0	3.2	6.4	9.6	12.8	15.9	19.7	27.2	34.3	41.1	47.4
77.5°	0.0	4.0	8.0	12.0	15.9	21.5	30.1	38.9	47.4	55.4	64.0
75°	0.0	4.8	9.6	14.3	19.7	30.1	40.3	50.6	60.7	72.4	83.9
72.5°	0.0	5.6	11.1	16.6	26.5	38.6	50.5	62.8	76.6	90.2	103.6
70°	0.0	6.3	12.6	19.5	33.2	46.9	60.7	76.6	92.3	107.8	124.0
67.5°	0.0	7.1	14.1	24.4	39.8	55.1	72.3	90.2	107.8	125.9	144.4
65°	0.0	7.8	15.6	29.3	46.3	63.9	83.6	103.6	123.4	143.7	165.2
62.5°	0.0	8.5	17.1	34.1	52.7	73.0	94.7	116.7	138.6	161.5	187.5
60°	0.0	9.2	18.5	38.7	58.9	81.8	105.5	129.5	153.4	180.9	209.2
57.5°	0.0	9.9	21.5	43.3	65.7	90.5	116.2	142.0	169.5	199.7	229.7
55°	0.0	10.6	24.4	47.7	72.3	98.8	126.8	154.2	185.6	217.8	249.3
52.5°	0.0	11.3	27.1	52.0	78.7	107.0	137.1	167.6	201.0	234.9	268.4
50°	0.0	11.9	29.8	56.2	84.8	115.4	147.1	180.7	215.9	251.6	286.9
47.5°	0.0	12.5	32.4	60.3	90.7	123.5	157.0	193.2	230.1	267.6	304.8
45°	0.0	13.1	34.9	64.5	96.4	131.4	167.3	205.2	243.9	283.0	322.0
42.5°	0.0	13.6	37.2	68.5	101.8	139.0	177.0	216.6	256.9	297.8	338.2
40°	0.0	14.2	39.4	72.2	107.2	146.3	186.3	227.4	269.4	312.0	353.8
37.5°	0.0	14.7	41.5	75.7	112.7	153.2	195.0	237.6	281.5	325.6	368.9
35°	0.0	15.2	43.4	78.9	118.0	160.0	203.2	247.1	293.0	338.4	382.9
32.5°	0.0	15.6	45.3	82.0	122.9	166.4	210.8	255.9	303.9	350.2	395.2
30°	0.0	16.0	46.9	84.8	127.5	172.3	217.8	264.2	314.2	361.1	406.7
27.5°	0.0	16.4	48.4	87.4	131.6	177.8	224.3	272.4	323.5	371.1	417.3
25°	0.0	16.8	49.8	89.8	135.4	182.8	230.2	280.0	331.7	379.9	427.0
22.5°	0.0	17.1	51.1	91.9	138.7	187.2	235.4	287.0	339.0	387.8	435.8
20°	0.0	17.4	52.1	93.8	141.7	191.0	240.1	293.2	345.4	394.8	443.6
17.5°	0.0	17.6	53.1	95.5	144.4	194.3	244.3	298.8	351.0	400.9	450.5
15°	0.0	17.9	53.9	96.9	146.6	197.1	248.1	303.8	355.8	406.1	456.4
12.5°	0.0	18.1	54.5	98.0	148.5	199.4	251.4	308.3	360.0	410.5	461.3
10°	0.0	18.2	55.0	98.9	149.9	201.2	254.1	311.9	363.6	414.5	465.4
7.5°	0.0	18.3	55.3	99.6	151.0	202.6	256.3	314.7	366.5	417.8	469.1
5°	0.0	18.4	55.5	100.0	151.7	203.4	257.8	316.8	368.6	420.1	471.7
2.5°	0.0	18.5	55.6	100.1	151.9	203.8	258.8	318.0	369.8	421.5	473.3
0°	0.0	18.5	55.5	100.0	151.8	203.6	259.1	318.4	370.2	422.0	473.8
-2.5°	0.0	18.5	55.6	100.1	151.9	203.8	258.8	318.0	369.8	421.5	473.3
-5°	0.0	18.4	55.5	100.0	151.7	203.4	257.8	316.8	368.6	420.1	471.7
-7.5°	0.0	18.3	55.3	99.6	151.0	202.6	256.3	314.7	366.5	417.8	469.1
-10°	0.0	18.2	55.0	98.9	149.9	201.2	254.1	311.9	363.6	414.5	465.4
-12.5°	0.0	18.1	54.5	98.0	148.5	199.4	251.4	308.3	360.0	410.5	461.3
-15°	0.0	17.9	53.9	96.9	146.6	197.1	248.1	303.8	355.8	406.1	456.4
-17.5°	0.0	17.6	53.1	95.5	144.4	194.3	244.3	298.8	351.0	400.9	450.5
-20°	0.0	17.4	52.1	93.8	141.7	191.0	240.1	293.2	345.4	394.8	443.6

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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	17.1	51.1	91.9	138.7	187.2	235.4	287.0	339.0	387.8	435.8
-25°	0.0	16.8	49.8	89.8	135.4	182.8	230.2	280.0	331.7	379.9	427.0
-27.5°	0.0	16.4	48.4	87.4	131.6	177.8	224.3	272.4	323.5	371.1	417.3
-30°	0.0	16.0	46.9	84.8	127.5	172.3	217.8	264.2	314.2	361.1	406.7
-32.5°	0.0	15.6	45.3	82.0	122.9	166.4	210.8	255.9	303.9	350.2	395.2
-35°	0.0	15.2	43.4	78.9	118.0	160.0	203.2	247.1	293.0	338.4	382.9
-37.5°	0.0	14.7	41.5	75.7	112.7	153.2	195.0	237.6	281.5	325.6	368.9
-40°	0.0	14.2	39.4	72.2	107.2	146.3	186.3	227.4	269.4	312.0	353.8
-42.5°	0.0	13.6	37.2	68.5	101.8	139.0	177.0	216.6	256.9	297.8	338.2
-45°	0.0	13.1	34.9	64.5	96.4	131.4	167.3	205.2	243.9	283.0	322.0
-47.5°	0.0	12.5	32.4	60.3	90.7	123.5	157.0	193.2	230.1	267.6	304.8
-50°	0.0	11.9	29.8	56.2	84.8	115.4	147.1	180.7	215.9	251.6	286.9
-52.5°	0.0	11.3	27.1	52.0	78.7	107.0	137.1	167.6	201.0	234.9	268.4
-55°	0.0	10.6	24.4	47.7	72.3	98.8	126.8	154.2	185.6	217.8	249.3
-57.5°	0.0	9.9	21.5	43.3	65.7	90.5	116.2	142.0	169.5	199.7	229.7
-60°	0.0	9.2	18.5	38.7	58.9	81.8	105.5	129.5	153.4	180.9	209.2
-62.5°	0.0	8.5	17.1	34.1	52.7	73.0	94.7	116.7	138.6	161.5	187.5
-65°	0.0	7.8	15.6	29.3	46.3	63.9	83.6	103.6	123.4	143.7	165.2
-67.5°	0.0	7.1	14.1	24.4	39.8	55.1	72.3	90.2	107.8	125.9	144.4
-70°	0.0	6.3	12.6	19.5	33.2	46.9	60.7	76.6	92.3	107.8	124.0
-72.5°	0.0	5.6	11.1	16.6	26.5	38.6	50.5	62.8	76.6	90.2	103.6
-75°	0.0	4.8	9.6	14.3	19.7	30.1	40.3	50.6	60.7	72.4	83.9
-77.5°	0.0	4.0	8.0	12.0	15.9	21.5	30.1	38.9	47.4	55.4	64.0
-80°	0.0	3.2	6.4	9.6	12.8	15.9	19.7	27.2	34.3	41.1	47.4
-82.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.3	17.4	21.2	26.7	31.9
-85°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.7	13.9	16.2	18.7
-87.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.8	7.0	8.1	9.4
-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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**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°	10.2	11.1	11.9	12.7	13.5	14.3	15.0	15.7	16.4	17.0	17.6
85°	20.5	22.2	25.1	28.1	31.0	33.8	36.5	39.0	41.5	43.8	46.0
82.5°	36.7	41.5	46.4	51.3	55.7	59.9	64.0	68.2	72.4	76.6	80.7
80°	53.9	60.6	68.3	75.5	81.9	88.0	93.8	99.4	105.5	112.1	118.7
77.5°	73.9	83.4	92.4	100.8	108.9	117.7	126.2	134.4	142.9	151.3	159.4
75°	95.3	106.2	117.6	128.9	139.8	150.4	160.8	171.3	182.0	192.6	202.7
72.5°	117.4	131.2	144.7	157.8	171.4	184.6	197.4	209.7	222.4	235.4	247.8
70°	140.3	156.0	172.6	188.7	204.0	219.4	235.1	250.1	264.8	279.9	294.8
67.5°	163.4	183.1	201.9	219.7	237.7	255.9	273.5	291.5	309.0	326.5	343.2
65°	188.8	210.4	230.9	251.3	271.7	293.1	314.0	334.1	354.3	373.8	391.4
62.5°	213.8	236.7	259.4	282.6	307.0	331.0	353.8	376.8	400.3	420.7	438.5
60°	236.7	262.2	287.6	314.0	341.0	366.8	392.3	417.3	442.6	466.1	480.7
57.5°	258.8	287.1	315.2	343.7	372.1	400.9	427.6	455.2	478.7	498.5	515.4
55°	280.5	311.1	341.1	370.9	401.6	431.7	460.8	487.0	510.0	526.5	542.8
52.5°	301.5	333.8	364.7	397.0	429.6	461.5	492.0	516.3	535.1	552.0	567.2
50°	321.9	354.7	387.3	422.3	456.8	490.6	519.2	540.5	559.6	576.1	592.0
47.5°	341.0	375.2	410.0	446.9	483.2	515.8	542.1	564.3	583.9	601.7	620.5
45°	359.3	395.6	432.5	470.5	507.6	539.1	564.5	588.4	606.7	626.7	648.3
42.5°	377.1	415.3	453.9	493.2	530.6	560.1	585.4	607.4	628.9	652.6	678.7
40°	394.1	433.8	474.2	515.1	552.3	578.5	603.3	626.5	652.6	680.9	711.2
37.5°	410.0	451.3	493.2	535.6	568.3	595.2	620.6	646.6	676.9	709.7	750.7
35°	424.8	467.5	510.8	551.5	582.6	611.2	637.5	666.4	701.9	744.7	797.2
32.5°	438.6	482.6	527.1	564.4	595.8	625.5	652.5	688.6	731.3	782.2	856.6
30°	451.3	496.3	541.0	577.1	607.7	637.5	670.4	711.1	760.9	835.3	930.5
27.5°	463.1	508.8	551.9	587.7	618.4	649.1	687.6	736.9	802.5	891.3	1009.5
25°	473.9	520.7	562.3	596.5	628.2	662.3	704.2	759.6	845.9	960.4	1120.3
22.5°	483.7	531.4	572.3	604.1	637.5	674.4	723.2	792.6	892.0	1025.8	1232.0
20°	492.5	539.6	579.8	611.4	646.0	684.4	740.2	823.8	943.7	1117.0	1380.3
17.5°	500.1	546.7	585.4	618.3	654.3	695.8	756.7	850.8	989.7	1196.6	1530.1
15°	506.7	552.8	590.2	624.2	661.6	708.7	779.7	886.2	1043.1	1279.3	1660.7
12.5°	512.1	557.8	594.0	629.1	667.6	719.6	799.4	919.6	1098.5	1381.1	1853.2
10°	516.4	561.7	597.0	632.8	672.3	728.3	815.3	946.9	1144.4	1469.1	2017.3
7.5°	520.4	564.6	599.1	635.5	675.6	734.7	827.5	968.0	1179.6	1538.3	2147.3
5°	523.3	566.4	600.2	637.0	678.4	738.9	835.7	982.6	1204.0	1587.7	2238.7
2.5°	525.1	566.9	600.4	637.4	680.5	740.8	840.0	990.6	1223.1	1611.1	2287.8
0°	525.7	566.4	599.7	636.7	681.2	740.4	840.3	992.1	1232.7	1610.3	2295.2
-2.5°	525.1	566.9	600.4	637.4	680.5	740.8	840.0	990.6	1223.1	1611.1	2287.8
-5°	523.3	566.4	600.2	637.0	678.4	738.9	835.7	982.6	1204.0	1587.7	2238.7
-7.5°	520.4	564.6	599.1	635.5	675.6	734.7	827.5	968.0	1179.6	1538.3	2147.3
-10°	516.4	561.7	597.0	632.8	672.3	728.3	815.3	946.9	1144.4	1469.1	2017.3
-12.5°	512.1	557.8	594.0	629.1	667.6	719.6	799.4	919.6	1098.5	1381.1	1853.2
-15°	506.7	552.8	590.2	624.2	661.6	708.7	779.7	886.2	1043.1	1279.3	1660.7
-17.5°	500.1	546.7	585.4	618.3	654.3	695.8	756.7	850.8	989.7	1196.6	1530.1
-20°	492.5	539.6	579.8	611.4	646.0	684.4	740.2	823.8	943.7	1117.0	1380.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	483.7	531.4	572.3	604.1	637.5	674.4	723.2	792.6	892.0	1025.8	1232.0
-25°	473.9	520.7	562.3	596.5	628.2	662.3	704.2	759.6	845.9	960.4	1120.3
-27.5°	463.1	508.8	551.9	587.7	618.4	649.1	687.6	736.9	802.5	891.3	1009.5
-30°	451.3	496.3	541.0	577.1	607.7	637.5	670.4	711.1	760.9	835.3	930.5
-32.5°	438.6	482.6	527.1	564.4	595.8	625.5	652.5	688.6	731.3	782.2	856.6
-35°	424.8	467.5	510.8	551.5	582.6	611.2	637.5	666.4	701.9	744.7	797.2
-37.5°	410.0	451.3	493.2	535.6	568.3	595.2	620.6	646.6	676.9	709.7	750.7
-40°	394.1	433.8	474.2	515.1	552.3	578.5	603.3	626.5	652.6	680.9	711.2
-42.5°	377.1	415.3	453.9	493.2	530.6	560.1	585.4	607.4	628.9	652.6	678.7
-45°	359.3	395.6	432.5	470.5	507.6	539.1	564.5	588.4	606.7	626.7	648.3
-47.5°	341.0	375.2	410.0	446.9	483.2	515.8	542.1	564.3	583.9	601.7	620.5
-50°	321.9	354.7	387.3	422.3	456.8	490.6	519.2	540.5	559.6	576.1	592.0
-52.5°	301.5	333.8	364.7	397.0	429.6	461.5	492.0	516.3	535.1	552.0	567.2
-55°	280.5	311.1	341.1	370.9	401.6	431.7	460.8	487.0	510.0	526.5	542.8
-57.5°	258.8	287.1	315.2	343.7	372.1	400.9	427.6	455.2	478.7	498.5	515.4
-60°	236.7	262.2	287.6	314.0	341.0	366.8	392.3	417.3	442.6	466.1	480.7
-62.5°	213.8	236.7	259.4	282.6	307.0	331.0	353.8	376.8	400.3	420.7	438.5
-65°	188.8	210.4	230.9	251.3	271.7	293.1	314.0	334.1	354.3	373.8	391.4
-67.5°	163.4	183.1	201.9	219.7	237.7	255.9	273.5	291.5	309.0	326.5	343.2
-70°	140.3	156.0	172.6	188.7	204.0	219.4	235.1	250.1	264.8	279.9	294.8
-72.5°	117.4	131.2	144.7	157.8	171.4	184.6	197.4	209.7	222.4	235.4	247.8
-75°	95.3	106.2	117.6	128.9	139.8	150.4	160.8	171.3	182.0	192.6	202.7
-77.5°	73.9	83.4	92.4	100.8	108.9	117.7	126.2	134.4	142.9	151.3	159.4
-80°	53.9	60.6	68.3	75.5	81.9	88.0	93.8	99.4	105.5	112.1	118.7
-82.5°	36.7	41.5	46.4	51.3	55.7	59.9	64.0	68.2	72.4	76.6	80.7
-85°	20.5	22.2	25.1	28.1	31.0	33.8	36.5	39.0	41.5	43.8	46.0
-87.5°	10.2	11.1	11.9	12.7	13.5	14.3	15.0	15.7	16.4	17.0	17.6
-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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.2	17.9	17.6	17.2	16.8	17.9	19.1	20.3	21.4	20.8	20.0
85°	48.2	49.2	50.2	50.9	51.6	53.9	56.1	58.2	60.1	60.1	59.8
82.5°	84.8	87.5	89.9	92.0	93.9	96.5	99.0	101.1	102.8	104.2	105.3
80°	125.0	129.4	133.2	136.6	139.7	143.3	146.6	149.5	152.1	153.5	154.3
77.5°	167.4	173.8	179.6	185.2	190.4	195.5	200.3	204.5	208.2	209.0	208.8
75°	212.3	221.0	229.1	236.7	243.6	249.6	254.7	259.0	262.4	264.2	265.1
72.5°	259.6	270.3	279.9	288.6	296.0	302.2	307.5	312.2	316.1	318.6	320.1
70°	309.0	321.6	331.5	339.7	346.0	352.2	359.0	365.6	371.8	375.2	376.6
67.5°	358.5	371.6	380.7	388.1	393.9	399.9	408.6	416.4	423.4	428.1	431.0
65°	406.9	420.7	429.8	436.9	442.2	448.3	458.0	465.8	471.7	476.4	480.6
62.5°	454.8	468.7	478.8	487.3	495.1	501.7	509.7	516.2	521.3	525.9	531.1
60°	496.3	512.8	523.4	532.0	541.6	552.0	557.9	562.7	567.0	570.7	573.9
57.5°	530.2	544.9	558.5	568.8	578.8	588.5	595.4	600.0	603.7	606.5	607.6
55°	558.5	573.7	588.9	600.1	609.9	618.9	626.5	632.5	637.4	641.3	642.2
52.5°	583.9	601.0	615.9	628.7	641.8	652.4	660.8	668.9	676.0	681.7	684.2
50°	611.6	629.4	648.0	665.2	679.1	691.3	701.5	712.9	725.0	735.0	741.3
47.5°	640.6	661.2	683.7	704.9	721.4	739.4	756.2	773.2	795.7	814.5	828.5
45°	671.0	697.5	723.1	750.1	772.8	806.8	838.4	865.5	901.5	934.2	960.1
42.5°	707.0	739.9	771.3	814.5	859.7	906.2	956.3	999.1	1055.5	1112.8	1159.1
40°	749.5	791.6	847.0	905.0	976.3	1040.1	1126.8	1204.0	1290.5	1399.8	1490.0
37.5°	800.7	865.6	942.6	1023.4	1134.6	1240.9	1384.2	1535.1	1672.0	1882.2	2059.1
35°	867.2	957.9	1059.3	1202.3	1359.8	1558.9	1782.4	2073.8	2323.8	2678.4	3017.3
32.5°	952.9	1069.5	1235.2	1455.9	1688.6	2050.2	2404.7	2910.9	3379.6	3941.6	4548.1
30°	1048.3	1225.8	1478.9	1781.6	2215.7	2747.6	3372.6	4150.0	5000.7	5790.7	6569.1
27.5°	1186.5	1440.8	1773.3	2261.8	2938.3	3682.5	4777.4	5832.7	6933.7	7912.4	8728.7
25°	1347.9	1683.9	2198.2	2917.4	3832.3	5106.7	6417.4	7719.8	8903.8	9928.5	10830.3
22.5°	1556.3	2039.5	2725.1	3656.7	5081.5	6608.8	8145.8	9582.4	10845.4	11986.4	12962.6
20°	1782.9	2387.7	3366.7	4755.9	6385.2	8125.3	9860.8	11391.0	12781.8	14075.4	15175.7
17.5°	2070.2	2917.1	4156.9	5823.4	7707.2	9613.7	11436.9	13097.5	14675.3	16044.2	17193.8
15°	2315.0	3383.3	5001.4	6956.0	8993.5	11004.7	12929.5	14733.3	16373.7	17778.2	18858.9
12.5°	2641.6	3905.9	5751.3	7929.6	10137.6	12253.8	14281.2	16145.5	17814.9	19204.0	20045.3
10°	2950.2	4446.9	6476.0	8747.7	11041.7	13296.4	15461.1	17373.1	18923.0	20028.0	20745.0
7.5°	3212.7	4911.9	7065.6	9409.0	11760.0	14117.3	16308.5	18168.8	19597.9	20520.8	21019.9
5°	3408.7	5259.5	7503.2	9946.4	12358.8	14757.4	16931.6	18678.0	19913.1	20598.7	20849.3
2.5°	3533.6	5463.6	7757.1	10298.9	12759.5	15162.5	17358.9	19078.0	20125.9	20580.4	20623.6
0°	3583.5	5490.0	7796.3	10483.9	12860.5	15277.9	17480.5	19242.6	20205.1	20579.0	20571.6
-2.5°	3533.6	5463.6	7757.1	10298.9	12759.5	15162.5	17358.9	19078.0	20125.9	20580.4	20623.6
-5°	3408.7	5259.5	7503.2	9946.4	12358.8	14757.4	16931.6	18678.0	19913.1	20598.7	20849.3
-7.5°	3212.7	4911.9	7065.6	9409.0	11760.0	14117.3	16308.5	18168.8	19597.9	20520.8	21019.9
-10°	2950.2	4446.9	6476.0	8747.7	11041.7	13296.4	15461.1	17373.1	18923.0	20028.0	20745.0
-12.5°	2641.6	3905.9	5751.3	7929.6	10137.6	12253.8	14281.2	16145.5	17814.9	19204.0	20045.3
-15°	2315.0	3383.3	5001.4	6956.0	8993.5	11004.7	12929.5	14733.3	16373.7	17778.2	18858.9
-17.5°	2070.2	2917.1	4156.9	5823.4	7707.2	9613.7	11436.9	13097.5	14675.3	16044.2	17193.8
-20°	1782.9	2387.7	3366.7	4755.9	6385.2	8125.3	9860.8	11391.0	12781.8	14075.4	15175.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1556.3	2039.5	2725.1	3656.7	5081.5	6608.8	8145.8	9582.4	10845.4	11986.4	12962.6
-25°	1347.9	1683.9	2198.2	2917.4	3832.3	5106.7	6417.4	7719.8	8903.8	9928.5	10830.3
-27.5°	1186.5	1440.8	1773.3	2261.8	2938.3	3682.5	4777.4	5832.7	6933.7	7912.4	8728.7
-30°	1048.3	1225.8	1478.9	1781.6	2215.7	2747.6	3372.6	4150.0	5000.7	5790.7	6569.1
-32.5°	952.9	1069.5	1235.2	1455.9	1688.6	2050.2	2404.7	2910.9	3379.6	3941.6	4548.1
-35°	867.2	957.9	1059.3	1202.3	1359.8	1558.9	1782.4	2073.8	2323.8	2678.4	3017.3
-37.5°	800.7	865.6	942.6	1023.4	1134.6	1240.9	1384.2	1535.1	1672.0	1882.2	2059.1
-40°	749.5	791.6	847.0	905.0	976.3	1040.1	1126.8	1204.0	1290.5	1399.8	1490.0
-42.5°	707.0	739.9	771.3	814.5	859.7	906.2	956.3	999.1	1055.5	1112.8	1159.1
-45°	671.0	697.5	723.1	750.1	772.8	806.8	838.4	865.5	901.5	934.2	960.1
-47.5°	640.6	661.2	683.7	704.9	721.4	739.4	756.2	773.2	795.7	814.5	828.5
-50°	611.6	629.4	648.0	665.2	679.1	691.3	701.5	712.9	725.0	735.0	741.3
-52.5°	583.9	601.0	615.9	628.7	641.8	652.4	660.8	668.9	676.0	681.7	684.2
-55°	558.5	573.7	588.9	600.1	609.9	618.9	626.5	632.5	637.4	641.3	642.2
-57.5°	530.2	544.9	558.5	568.8	578.8	588.5	595.4	600.0	603.7	606.5	607.6
-60°	496.3	512.8	523.4	532.0	541.6	552.0	557.9	562.7	567.0	570.7	573.9
-62.5°	454.8	468.7	478.8	487.3	495.1	501.7	509.7	516.2	521.3	525.9	531.1
-65°	406.9	420.7	429.8	436.9	442.2	448.3	458.0	465.8	471.7	476.4	480.6
-67.5°	358.5	371.6	380.7	388.1	393.9	399.9	408.6	416.4	423.4	428.1	431.0
-70°	309.0	321.6	331.5	339.7	346.0	352.2	359.0	365.6	371.8	375.2	376.6
-72.5°	259.6	270.3	279.9	288.6	296.0	302.2	307.5	312.2	316.1	318.6	320.1
-75°	212.3	221.0	229.1	236.7	243.6	249.6	254.7	259.0	262.4	264.2	265.1
-77.5°	167.4	173.8	179.6	185.2	190.4	195.5	200.3	204.5	208.2	209.0	208.8
-80°	125.0	129.4	133.2	136.6	139.7	143.3	146.6	149.5	152.1	153.5	154.3
-82.5°	84.8	87.5	89.9	92.0	93.9	96.5	99.0	101.1	102.8	104.2	105.3
-85°	48.2	49.2	50.2	50.9	51.6	53.9	56.1	58.2	60.1	60.1	59.8
-87.5°	18.2	17.9	17.6	17.2	16.8	17.9	19.1	20.3	21.4	20.8	20.0
-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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.3	18.4	18.5	18.5	18.5	18.4	19.3	20.0	20.8	21.4	20.3
85°	59.4	58.9	57.3	55.5	57.3	58.9	59.4	59.8	60.1	60.1	58.2
82.5°	106.2	106.8	105.4	103.7	105.4	106.8	106.2	105.3	104.2	102.8	101.1
80°	154.8	154.8	153.5	151.8	153.5	154.8	154.8	154.3	153.5	152.1	149.5
77.5°	207.9	206.4	207.0	207.3	207.0	206.4	207.9	208.8	209.0	208.2	204.5
75°	265.5	265.2	264.4	262.8	264.4	265.2	265.5	265.1	264.2	262.4	259.0
72.5°	320.8	320.8	320.0	318.4	320.0	320.8	320.8	320.1	318.6	316.1	312.2
70°	376.9	376.2	377.1	377.6	377.1	376.2	376.9	376.6	375.2	371.8	365.6
67.5°	433.3	434.8	434.6	433.1	434.6	434.8	433.3	431.0	428.1	423.4	416.4
65°	484.1	486.6	488.2	488.7	488.2	486.6	484.1	480.6	476.4	471.7	465.8
62.5°	535.2	538.1	538.3	536.8	538.3	538.1	535.2	531.1	525.9	521.3	516.2
60°	575.7	576.2	575.5	573.8	575.5	576.2	575.7	573.9	570.7	567.0	562.7
57.5°	607.5	606.5	605.2	603.4	605.2	606.5	607.5	607.6	606.5	603.7	600.0
55°	641.7	640.0	638.4	636.7	638.4	640.0	641.7	642.2	641.3	637.4	632.5
52.5°	684.8	683.8	682.8	681.2	682.8	683.8	684.8	684.2	681.7	676.0	668.9
50°	744.5	745.4	745.4	744.1	745.4	745.4	744.5	741.3	735.0	725.0	712.9
47.5°	837.4	842.3	845.7	847.7	845.7	842.3	837.4	828.5	814.5	795.7	773.2
45°	976.7	986.6	993.6	999.5	993.6	986.6	976.7	960.1	934.2	901.5	865.5
42.5°	1191.7	1213.8	1224.3	1221.6	1224.3	1213.8	1191.7	1159.1	1112.8	1055.5	999.1
40°	1550.2	1585.9	1605.6	1621.4	1605.6	1585.9	1550.2	1490.0	1399.8	1290.5	1204.0
37.5°	2179.8	2249.1	2285.7	2317.4	2285.7	2249.1	2179.8	2059.1	1882.2	1672.0	1535.1
35°	3270.5	3426.5	3510.0	3539.0	3510.0	3426.5	3270.5	3017.3	2678.4	2323.8	2073.8
32.5°	5020.1	5307.9	5467.0	5589.9	5467.0	5307.9	5020.1	4548.1	3941.6	3379.6	2910.9
30°	7185.5	7564.5	7774.9	7877.7	7774.9	7564.5	7185.5	6569.1	5790.7	5000.7	4150.0
27.5°	9405.3	9836.1	10063.0	10050.7	10063.0	9836.1	9405.3	8728.7	7912.4	6933.7	5832.7
25°	11603.5	12102.6	12328.7	12531.0	12328.7	12102.6	11603.5	10830.3	9928.5	8903.8	7719.8
22.5°	13826.8	14410.4	14728.7	14878.1	14728.7	14410.4	13826.8	12962.6	11986.4	10845.4	9582.4
20°	16023.7	16673.3	17011.3	17158.4	17011.3	16673.3	16023.7	15175.7	14075.4	12781.8	11391.0
17.5°	17972.1	18606.2	18928.4	19064.9	18928.4	18606.2	17972.1	17193.8	16044.2	14675.3	13097.5
15°	19527.8	19995.5	20269.5	20342.1	20269.5	19995.5	19527.8	18858.9	17778.2	16373.7	14733.3
12.5°	20603.2	20784.4	20916.1	20956.6	20916.1	20784.4	20603.2	20045.3	19204.0	17814.9	16145.5
10°	21153.0	21071.3	21037.5	21041.8	21037.5	21071.3	21153.0	20745.0	20028.0	18923.0	17373.1
7.5°	21115.2	20994.1	20751.0	20712.3	20751.0	20994.1	21115.2	21019.9	20520.8	19597.9	18168.8
5°	20811.8	20591.4	20187.9	20071.9	20187.9	20591.4	20811.8	20849.3	20598.7	19913.1	18678.0
2.5°	20458.3	20060.9	19689.1	19449.9	19689.1	20060.9	20458.3	20623.6	20580.4	20125.9	19078.0
0°	20353.2	19894.2	19412.9	19257.4	19412.9	19894.2	20353.2	20571.6	20579.0	20205.1	19242.6
-2.5°	20458.3	20060.9	19689.1	19449.9	19689.1	20060.9	20458.3	20623.6	20580.4	20125.9	19078.0
-5°	20811.8	20591.4	20187.9	20071.9	20187.9	20591.4	20811.8	20849.3	20598.7	19913.1	18678.0
-7.5°	21115.2	20994.1	20751.0	20712.3	20751.0	20994.1	21115.2	21019.9	20520.8	19597.9	18168.8
-10°	21153.0	21071.3	21037.5	21041.8	21037.5	21071.3	21153.0	20745.0	20028.0	18923.0	17373.1
-12.5°	20603.2	20784.4	20916.1	20956.6	20916.1	20784.4	20603.2	20045.3	19204.0	17814.9	16145.5
-15°	19527.8	19995.5	20269.5	20342.1	20269.5	19995.5	19527.8	18858.9	17778.2	16373.7	14733.3
-17.5°	17972.1	18606.2	18928.4	19064.9	18928.4	18606.2	17972.1	17193.8	16044.2	14675.3	13097.5
-20°	16023.7	16673.3	17011.3	17158.4	17011.3	16673.3	16023.7	15175.7	14075.4	12781.8	11391.0



REPORT NUMBER: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13826.8	14410.4	14728.7	14878.1	14728.7	14410.4	13826.8	12962.6	11986.4	10845.4	9582.4
-25°	11603.5	12102.6	12328.7	12531.0	12328.7	12102.6	11603.5	10830.3	9928.5	8903.8	7719.8
-27.5°	9405.3	9836.1	10063.0	10050.7	10063.0	9836.1	9405.3	8728.7	7912.4	6933.7	5832.7
-30°	7185.5	7564.5	7774.9	7877.7	7774.9	7564.5	7185.5	6569.1	5790.7	5000.7	4150.0
-32.5°	5020.1	5307.9	5467.0	5589.9	5467.0	5307.9	5020.1	4548.1	3941.6	3379.6	2910.9
-35°	3270.5	3426.5	3510.0	3539.0	3510.0	3426.5	3270.5	3017.3	2678.4	2323.8	2073.8
-37.5°	2179.8	2249.1	2285.7	2317.4	2285.7	2249.1	2179.8	2059.1	1882.2	1672.0	1535.1
-40°	1550.2	1585.9	1605.6	1621.4	1605.6	1585.9	1550.2	1490.0	1399.8	1290.5	1204.0
-42.5°	1191.7	1213.8	1224.3	1221.6	1224.3	1213.8	1191.7	1159.1	1112.8	1055.5	999.1
-45°	976.7	986.6	993.6	999.5	993.6	986.6	976.7	960.1	934.2	901.5	865.5
-47.5°	837.4	842.3	845.7	847.7	845.7	842.3	837.4	828.5	814.5	795.7	773.2
-50°	744.5	745.4	745.4	744.1	745.4	745.4	744.5	741.3	735.0	725.0	712.9
-52.5°	684.8	683.8	682.8	681.2	682.8	683.8	684.8	684.2	681.7	676.0	668.9
-55°	641.7	640.0	638.4	636.7	638.4	640.0	641.7	642.2	641.3	637.4	632.5
-57.5°	607.5	606.5	605.2	603.4	605.2	606.5	607.5	607.6	606.5	603.7	600.0
-60°	575.7	576.2	575.5	573.8	575.5	576.2	575.7	573.9	570.7	567.0	562.7
-62.5°	535.2	538.1	538.3	536.8	538.3	538.1	535.2	531.1	525.9	521.3	516.2
-65°	484.1	486.6	488.2	488.7	488.2	486.6	484.1	480.6	476.4	471.7	465.8
-67.5°	433.3	434.8	434.6	433.1	434.6	434.8	433.3	431.0	428.1	423.4	416.4
-70°	376.9	376.2	377.1	377.6	377.1	376.2	376.9	376.6	375.2	371.8	365.6
-72.5°	320.8	320.8	320.0	318.4	320.0	320.8	320.8	320.1	318.6	316.1	312.2
-75°	265.5	265.2	264.4	262.8	264.4	265.2	265.5	265.1	264.2	262.4	259.0
-77.5°	207.9	206.4	207.0	207.3	207.0	206.4	207.9	208.8	209.0	208.2	204.5
-80°	154.8	154.8	153.5	151.8	153.5	154.8	154.8	154.3	153.5	152.1	149.5
-82.5°	106.2	106.8	105.4	103.7	105.4	106.8	106.2	105.3	104.2	102.8	101.1
-85°	59.4	58.9	57.3	55.5	57.3	58.9	59.4	59.8	60.1	60.1	58.2
-87.5°	19.3	18.4	18.5	18.5	18.5	18.4	19.3	20.0	20.8	21.4	20.3
-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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.1	17.9	16.8	17.2	17.6	17.9	18.2	17.6	17.0	16.4	15.7
85°	56.1	53.9	51.6	50.9	50.2	49.2	48.2	46.0	43.8	41.5	39.0
82.5°	99.0	96.5	93.9	92.0	89.9	87.5	84.8	80.7	76.6	72.4	68.2
80°	146.6	143.3	139.7	136.6	133.2	129.4	125.0	118.7	112.1	105.5	99.4
77.5°	200.3	195.5	190.4	185.2	179.6	173.8	167.4	159.4	151.3	142.9	134.4
75°	254.7	249.6	243.6	236.7	229.1	221.0	212.3	202.7	192.6	182.0	171.3
72.5°	307.5	302.2	296.0	288.6	279.9	270.3	259.6	247.8	235.4	222.4	209.7
70°	359.0	352.2	346.0	339.7	331.5	321.6	309.0	294.8	279.9	264.8	250.1
67.5°	408.6	399.9	393.9	388.1	380.7	371.6	358.5	343.2	326.5	309.0	291.5
65°	458.0	448.3	442.2	436.9	429.8	420.7	406.9	391.4	373.8	354.3	334.1
62.5°	509.7	501.7	495.1	487.3	478.8	468.7	454.8	438.5	420.7	400.3	376.8
60°	557.9	552.0	541.6	532.0	523.4	512.8	496.3	480.7	466.1	442.6	417.3
57.5°	595.4	588.5	578.8	568.8	558.5	544.9	530.2	515.4	498.5	478.7	455.2
55°	626.5	618.9	609.9	600.1	588.9	573.7	558.5	542.8	526.5	510.0	487.0
52.5°	660.8	652.4	641.8	628.7	615.9	601.0	583.9	567.2	552.0	535.1	516.3
50°	701.5	691.3	679.1	665.2	648.0	629.4	611.6	592.0	576.1	559.6	540.5
47.5°	756.2	739.4	721.4	704.9	683.7	661.2	640.6	620.5	601.7	583.9	564.3
45°	838.4	806.8	772.8	750.1	723.1	697.5	671.0	648.3	626.7	606.7	588.4
42.5°	956.3	906.2	859.7	814.5	771.3	739.9	707.0	678.7	652.6	628.9	607.4
40°	1126.8	1040.1	976.3	905.0	847.0	791.6	749.5	711.2	680.9	652.6	626.5
37.5°	1384.2	1240.9	1134.6	1023.4	942.6	865.6	800.7	750.7	709.7	676.9	646.6
35°	1782.4	1558.9	1359.8	1202.3	1059.3	957.9	867.2	797.2	744.7	701.9	666.4
32.5°	2404.7	2050.2	1688.6	1455.9	1235.2	1069.5	952.9	856.6	782.2	731.3	688.6
30°	3372.6	2747.6	2215.7	1781.6	1478.9	1225.8	1048.3	930.5	835.3	760.9	711.1
27.5°	4777.4	3682.5	2938.3	2261.8	1773.3	1440.8	1186.5	1009.5	891.3	802.5	736.9
25°	6417.4	5106.7	3832.3	2917.4	2198.2	1683.9	1347.9	1120.3	960.4	845.9	759.6
22.5°	8145.8	6608.8	5081.5	3656.7	2725.1	2039.5	1556.3	1232.0	1025.8	892.0	792.6
20°	9860.8	8125.3	6385.2	4755.9	3366.7	2387.7	1782.9	1380.3	1117.0	943.7	823.8
17.5°	11436.9	9613.7	7707.2	5823.4	4156.9	2917.1	2070.2	1530.1	1196.6	989.7	850.8
15°	12929.5	11004.7	8993.5	6956.0	5001.4	3383.3	2315.0	1660.7	1279.3	1043.1	886.2
12.5°	14281.2	12253.8	10137.6	7929.6	5751.3	3905.9	2641.6	1853.2	1381.1	1098.5	919.6
10°	15461.1	13296.4	11041.7	8747.7	6476.0	4446.9	2950.2	2017.3	1469.1	1144.4	946.9
7.5°	16308.5	14117.3	11760.0	9409.0	7065.6	4911.9	3212.7	2147.3	1538.3	1179.6	968.0
5°	16931.6	14757.4	12358.8	9946.4	7503.2	5259.5	3408.7	2238.7	1587.7	1204.0	982.6
2.5°	17358.9	15162.5	12759.5	10298.9	7757.1	5463.6	3533.6	2287.8	1611.1	1223.1	990.6
0°	17480.5	15277.9	12860.5	10483.9	7796.3	5490.0	3583.5	2295.2	1610.3	1232.7	992.1
-2.5°	17358.9	15162.5	12759.5	10298.9	7757.1	5463.6	3533.6	2287.8	1611.1	1223.1	990.6
-5°	16931.6	14757.4	12358.8	9946.4	7503.2	5259.5	3408.7	2238.7	1587.7	1204.0	982.6
-7.5°	16308.5	14117.3	11760.0	9409.0	7065.6	4911.9	3212.7	2147.3	1538.3	1179.6	968.0
-10°	15461.1	13296.4	11041.7	8747.7	6476.0	4446.9	2950.2	2017.3	1469.1	1144.4	946.9
-12.5°	14281.2	12253.8	10137.6	7929.6	5751.3	3905.9	2641.6	1853.2	1381.1	1098.5	919.6
-15°	12929.5	11004.7	8993.5	6956.0	5001.4	3383.3	2315.0	1660.7	1279.3	1043.1	886.2
-17.5°	11436.9	9613.7	7707.2	5823.4	4156.9	2917.1	2070.2	1530.1	1196.6	989.7	850.8
-20°	9860.8	8125.3	6385.2	4755.9	3366.7	2387.7	1782.9	1380.3	1117.0	943.7	823.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8145.8	6608.8	5081.5	3656.7	2725.1	2039.5	1556.3	1232.0	1025.8	892.0	792.6
-25°	6417.4	5106.7	3832.3	2917.4	2198.2	1683.9	1347.9	1120.3	960.4	845.9	759.6
-27.5°	4777.4	3682.5	2938.3	2261.8	1773.3	1440.8	1186.5	1009.5	891.3	802.5	736.9
-30°	3372.6	2747.6	2215.7	1781.6	1478.9	1225.8	1048.3	930.5	835.3	760.9	711.1
-32.5°	2404.7	2050.2	1688.6	1455.9	1235.2	1069.5	952.9	856.6	782.2	731.3	688.6
-35°	1782.4	1558.9	1359.8	1202.3	1059.3	957.9	867.2	797.2	744.7	701.9	666.4
-37.5°	1384.2	1240.9	1134.6	1023.4	942.6	865.6	800.7	750.7	709.7	676.9	646.6
-40°	1126.8	1040.1	976.3	905.0	847.0	791.6	749.5	711.2	680.9	652.6	626.5
-42.5°	956.3	906.2	859.7	814.5	771.3	739.9	707.0	678.7	652.6	628.9	607.4
-45°	838.4	806.8	772.8	750.1	723.1	697.5	671.0	648.3	626.7	606.7	588.4
-47.5°	756.2	739.4	721.4	704.9	683.7	661.2	640.6	620.5	601.7	583.9	564.3
-50°	701.5	691.3	679.1	665.2	648.0	629.4	611.6	592.0	576.1	559.6	540.5
-52.5°	660.8	652.4	641.8	628.7	615.9	601.0	583.9	567.2	552.0	535.1	516.3
-55°	626.5	618.9	609.9	600.1	588.9	573.7	558.5	542.8	526.5	510.0	487.0
-57.5°	595.4	588.5	578.8	568.8	558.5	544.9	530.2	515.4	498.5	478.7	455.2
-60°	557.9	552.0	541.6	532.0	523.4	512.8	496.3	480.7	466.1	442.6	417.3
-62.5°	509.7	501.7	495.1	487.3	478.8	468.7	454.8	438.5	420.7	400.3	376.8
-65°	458.0	448.3	442.2	436.9	429.8	420.7	406.9	391.4	373.8	354.3	334.1
-67.5°	408.6	399.9	393.9	388.1	380.7	371.6	358.5	343.2	326.5	309.0	291.5
-70°	359.0	352.2	346.0	339.7	331.5	321.6	309.0	294.8	279.9	264.8	250.1
-72.5°	307.5	302.2	296.0	288.6	279.9	270.3	259.6	247.8	235.4	222.4	209.7
-75°	254.7	249.6	243.6	236.7	229.1	221.0	212.3	202.7	192.6	182.0	171.3
-77.5°	200.3	195.5	190.4	185.2	179.6	173.8	167.4	159.4	151.3	142.9	134.4
-80°	146.6	143.3	139.7	136.6	133.2	129.4	125.0	118.7	112.1	105.5	99.4
-82.5°	99.0	96.5	93.9	92.0	89.9	87.5	84.8	80.7	76.6	72.4	68.2
-85°	56.1	53.9	51.6	50.9	50.2	49.2	48.2	46.0	43.8	41.5	39.0
-87.5°	19.1	17.9	16.8	17.2	17.6	17.9	18.2	17.6	17.0	16.4	15.7
-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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.0	14.3	13.5	12.7	11.9	11.1	10.2	9.4	8.1	7.0	5.8
85°	36.5	33.8	31.0	28.1	25.1	22.2	20.5	18.7	16.2	13.9	11.7
82.5°	64.0	59.9	55.7	51.3	46.4	41.5	36.7	31.9	26.7	21.2	17.4
80°	93.8	88.0	81.9	75.5	68.3	60.6	53.9	47.4	41.1	34.3	27.2
77.5°	126.2	117.7	108.9	100.8	92.4	83.4	73.9	64.0	55.4	47.4	38.9
75°	160.8	150.4	139.8	128.9	117.6	106.2	95.3	83.9	72.4	60.7	50.6
72.5°	197.4	184.6	171.4	157.8	144.7	131.2	117.4	103.6	90.2	76.6	62.8
70°	235.1	219.4	204.0	188.7	172.6	156.0	140.3	124.0	107.8	92.3	76.6
67.5°	273.5	255.9	237.7	219.7	201.9	183.1	163.4	144.4	125.9	107.8	90.2
65°	314.0	293.1	271.7	251.3	230.9	210.4	188.8	165.2	143.7	123.4	103.6
62.5°	353.8	331.0	307.0	282.6	259.4	236.7	213.8	187.5	161.5	138.6	116.7
60°	392.3	366.8	341.0	314.0	287.6	262.2	236.7	209.2	180.9	153.4	129.5
57.5°	427.6	400.9	372.1	343.7	315.2	287.1	258.8	229.7	199.7	169.5	142.0
55°	460.8	431.7	401.6	370.9	341.1	311.1	280.5	249.3	217.8	185.6	154.2
52.5°	492.0	461.5	429.6	397.0	364.7	333.8	301.5	268.4	234.9	201.0	167.6
50°	519.2	490.6	456.8	422.3	387.3	354.7	321.9	286.9	251.6	215.9	180.7
47.5°	542.1	515.8	483.2	446.9	410.0	375.2	341.0	304.8	267.6	230.1	193.2
45°	564.5	539.1	507.6	470.5	432.5	395.6	359.3	322.0	283.0	243.9	205.2
42.5°	585.4	560.1	530.6	493.2	453.9	415.3	377.1	338.2	297.8	256.9	216.6
40°	603.3	578.5	552.3	515.1	474.2	433.8	394.1	353.8	312.0	269.4	227.4
37.5°	620.6	595.2	568.3	535.6	493.2	451.3	410.0	368.9	325.6	281.5	237.6
35°	637.5	611.2	582.6	551.5	510.8	467.5	424.8	382.9	338.4	293.0	247.1
32.5°	652.5	625.5	595.8	564.4	527.1	482.6	438.6	395.2	350.2	303.9	255.9
30°	670.4	637.5	607.7	577.1	541.0	496.3	451.3	406.7	361.1	314.2	264.2
27.5°	687.6	649.1	618.4	587.7	551.9	508.8	463.1	417.3	371.1	323.5	272.4
25°	704.2	662.3	628.2	596.5	562.3	520.7	473.9	427.0	379.9	331.7	280.0
22.5°	723.2	674.4	637.5	604.1	572.3	531.4	483.7	435.8	387.8	339.0	287.0
20°	740.2	684.4	646.0	611.4	579.8	539.6	492.5	443.6	394.8	345.4	293.2
17.5°	756.7	695.8	654.3	618.3	585.4	546.7	500.1	450.5	400.9	351.0	298.8
15°	779.7	708.7	661.6	624.2	590.2	552.8	506.7	456.4	406.1	355.8	303.8
12.5°	799.4	719.6	667.6	629.1	594.0	557.8	512.1	461.3	410.5	360.0	308.3
10°	815.3	728.3	672.3	632.8	597.0	561.7	516.4	465.4	414.5	363.6	311.9
7.5°	827.5	734.7	675.6	635.5	599.1	564.6	520.4	469.1	417.8	366.5	314.7
5°	835.7	738.9	678.4	637.0	600.2	566.4	523.3	471.7	420.1	368.6	316.8
2.5°	840.0	740.8	680.5	637.4	600.4	566.9	525.1	473.3	421.5	369.8	318.0
0°	840.3	740.4	681.2	636.7	599.7	566.4	525.7	473.8	422.0	370.2	318.4
-2.5°	840.0	740.8	680.5	637.4	600.4	566.9	525.1	473.3	421.5	369.8	318.0
-5°	835.7	738.9	678.4	637.0	600.2	566.4	523.3	471.7	420.1	368.6	316.8
-7.5°	827.5	734.7	675.6	635.5	599.1	564.6	520.4	469.1	417.8	366.5	314.7
-10°	815.3	728.3	672.3	632.8	597.0	561.7	516.4	465.4	414.5	363.6	311.9
-12.5°	799.4	719.6	667.6	629.1	594.0	557.8	512.1	461.3	410.5	360.0	308.3
-15°	779.7	708.7	661.6	624.2	590.2	552.8	506.7	456.4	406.1	355.8	303.8
-17.5°	756.7	695.8	654.3	618.3	585.4	546.7	500.1	450.5	400.9	351.0	298.8
-20°	740.2	684.4	646.0	611.4	579.8	539.6	492.5	443.6	394.8	345.4	293.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	723.2	674.4	637.5	604.1	572.3	531.4	483.7	435.8	387.8	339.0	287.0
-25°	704.2	662.3	628.2	596.5	562.3	520.7	473.9	427.0	379.9	331.7	280.0
-27.5°	687.6	649.1	618.4	587.7	551.9	508.8	463.1	417.3	371.1	323.5	272.4
-30°	670.4	637.5	607.7	577.1	541.0	496.3	451.3	406.7	361.1	314.2	264.2
-32.5°	652.5	625.5	595.8	564.4	527.1	482.6	438.6	395.2	350.2	303.9	255.9
-35°	637.5	611.2	582.6	551.5	510.8	467.5	424.8	382.9	338.4	293.0	247.1
-37.5°	620.6	595.2	568.3	535.6	493.2	451.3	410.0	368.9	325.6	281.5	237.6
-40°	603.3	578.5	552.3	515.1	474.2	433.8	394.1	353.8	312.0	269.4	227.4
-42.5°	585.4	560.1	530.6	493.2	453.9	415.3	377.1	338.2	297.8	256.9	216.6
-45°	564.5	539.1	507.6	470.5	432.5	395.6	359.3	322.0	283.0	243.9	205.2
-47.5°	542.1	515.8	483.2	446.9	410.0	375.2	341.0	304.8	267.6	230.1	193.2
-50°	519.2	490.6	456.8	422.3	387.3	354.7	321.9	286.9	251.6	215.9	180.7
-52.5°	492.0	461.5	429.6	397.0	364.7	333.8	301.5	268.4	234.9	201.0	167.6
-55°	460.8	431.7	401.6	370.9	341.1	311.1	280.5	249.3	217.8	185.6	154.2
-57.5°	427.6	400.9	372.1	343.7	315.2	287.1	258.8	229.7	199.7	169.5	142.0
-60°	392.3	366.8	341.0	314.0	287.6	262.2	236.7	209.2	180.9	153.4	129.5
-62.5°	353.8	331.0	307.0	282.6	259.4	236.7	213.8	187.5	161.5	138.6	116.7
-65°	314.0	293.1	271.7	251.3	230.9	210.4	188.8	165.2	143.7	123.4	103.6
-67.5°	273.5	255.9	237.7	219.7	201.9	183.1	163.4	144.4	125.9	107.8	90.2
-70°	235.1	219.4	204.0	188.7	172.6	156.0	140.3	124.0	107.8	92.3	76.6
-72.5°	197.4	184.6	171.4	157.8	144.7	131.2	117.4	103.6	90.2	76.6	62.8
-75°	160.8	150.4	139.8	128.9	117.6	106.2	95.3	83.9	72.4	60.7	50.6
-77.5°	126.2	117.7	108.9	100.8	92.4	83.4	73.9	64.0	55.4	47.4	38.9
-80°	93.8	88.0	81.9	75.5	68.3	60.6	53.9	47.4	41.1	34.3	27.2
-82.5°	64.0	59.9	55.7	51.3	46.4	41.5	36.7	31.9	26.7	21.2	17.4
-85°	36.5	33.8	31.0	28.1	25.1	22.2	20.5	18.7	16.2	13.9	11.7
-87.5°	15.0	14.3	13.5	12.7	11.9	11.1	10.2	9.4	8.1	7.0	5.8
-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: P627247 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
85°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
82.5°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
80°	19.7	15.9	12.8	9.6	6.4	3.2	0.0
77.5°	30.1	21.5	15.9	12.0	8.0	4.0	0.0
75°	40.3	30.1	19.7	14.3	9.6	4.8	0.0
72.5°	50.5	38.6	26.5	16.6	11.1	5.6	0.0
70°	60.7	46.9	33.2	19.5	12.6	6.3	0.0
67.5°	72.3	55.1	39.8	24.4	14.1	7.1	0.0
65°	83.6	63.9	46.3	29.3	15.6	7.8	0.0
62.5°	94.7	73.0	52.7	34.1	17.1	8.5	0.0
60°	105.5	81.8	58.9	38.7	18.5	9.2	0.0
57.5°	116.2	90.5	65.7	43.3	21.5	9.9	0.0
55°	126.8	98.8	72.3	47.7	24.4	10.6	0.0
52.5°	137.1	107.0	78.7	52.0	27.1	11.3	0.0
50°	147.1	115.4	84.8	56.2	29.8	11.9	0.0
47.5°	157.0	123.5	90.7	60.3	32.4	12.5	0.0
45°	167.3	131.4	96.4	64.5	34.9	13.1	0.0
42.5°	177.0	139.0	101.8	68.5	37.2	13.6	0.0
40°	186.3	146.3	107.2	72.2	39.4	14.2	0.0
37.5°	195.0	153.2	112.7	75.7	41.5	14.7	0.0
35°	203.2	160.0	118.0	78.9	43.4	15.2	0.0
32.5°	210.8	166.4	122.9	82.0	45.3	15.6	0.0
30°	217.8	172.3	127.5	84.8	46.9	16.0	0.0
27.5°	224.3	177.8	131.6	87.4	48.4	16.4	0.0
25°	230.2	182.8	135.4	89.8	49.8	16.8	0.0
22.5°	235.4	187.2	138.7	91.9	51.1	17.1	0.0
20°	240.1	191.0	141.7	93.8	52.1	17.4	0.0
17.5°	244.3	194.3	144.4	95.5	53.1	17.6	0.0
15°	248.1	197.1	146.6	96.9	53.9	17.9	0.0
12.5°	251.4	199.4	148.5	98.0	54.5	18.1	0.0
10°	254.1	201.2	149.9	98.9	55.0	18.2	0.0
7.5°	256.3	202.6	151.0	99.6	55.3	18.3	0.0
5°	257.8	203.4	151.7	100.0	55.5	18.4	0.0
2.5°	258.8	203.8	151.9	100.1	55.6	18.5	0.0
0°	259.1	203.6	151.8	100.0	55.5	18.5	0.0
-2.5°	258.8	203.8	151.9	100.1	55.6	18.5	0.0
-5°	257.8	203.4	151.7	100.0	55.5	18.4	0.0
-7.5°	256.3	202.6	151.0	99.6	55.3	18.3	0.0
-10°	254.1	201.2	149.9	98.9	55.0	18.2	0.0
-12.5°	251.4	199.4	148.5	98.0	54.5	18.1	0.0
-15°	248.1	197.1	146.6	96.9	53.9	17.9	0.0
-17.5°	244.3	194.3	144.4	95.5	53.1	17.6	0.0
-20°	240.1	191.0	141.7	93.8	52.1	17.4	0.0

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CATALOG NUMBER: GFLD-SA3E-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	235.4	187.2	138.7	91.9	51.1	17.1	0.0
-25°	230.2	182.8	135.4	89.8	49.8	16.8	0.0
-27.5°	224.3	177.8	131.6	87.4	48.4	16.4	0.0
-30°	217.8	172.3	127.5	84.8	46.9	16.0	0.0
-32.5°	210.8	166.4	122.9	82.0	45.3	15.6	0.0
-35°	203.2	160.0	118.0	78.9	43.4	15.2	0.0
-37.5°	195.0	153.2	112.7	75.7	41.5	14.7	0.0
-40°	186.3	146.3	107.2	72.2	39.4	14.2	0.0
-42.5°	177.0	139.0	101.8	68.5	37.2	13.6	0.0
-45°	167.3	131.4	96.4	64.5	34.9	13.1	0.0
-47.5°	157.0	123.5	90.7	60.3	32.4	12.5	0.0
-50°	147.1	115.4	84.8	56.2	29.8	11.9	0.0
-52.5°	137.1	107.0	78.7	52.0	27.1	11.3	0.0
-55°	126.8	98.8	72.3	47.7	24.4	10.6	0.0
-57.5°	116.2	90.5	65.7	43.3	21.5	9.9	0.0
-60°	105.5	81.8	58.9	38.7	18.5	9.2	0.0
-62.5°	94.7	73.0	52.7	34.1	17.1	8.5	0.0
-65°	83.6	63.9	46.3	29.3	15.6	7.8	0.0
-67.5°	72.3	55.1	39.8	24.4	14.1	7.1	0.0
-70°	60.7	46.9	33.2	19.5	12.6	6.3	0.0
-72.5°	50.5	38.6	26.5	16.6	11.1	5.6	0.0
-75°	40.3	30.1	19.7	14.3	9.6	4.8	0.0
-77.5°	30.1	21.5	15.9	12.0	8.0	4.0	0.0
-80°	19.7	15.9	12.8	9.6	6.4	3.2	0.0
-82.5°	14.3	12.0	9.6	7.2	4.8	2.4	0.0
-85°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
-87.5°	4.8	4.0	3.2	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)