

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: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627147 (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-SA3C-730-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N68  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	16098.6 lumens	Max Intensity:	18915.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	132.3 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:	10685.3 lumens	Field Lumens:	13894 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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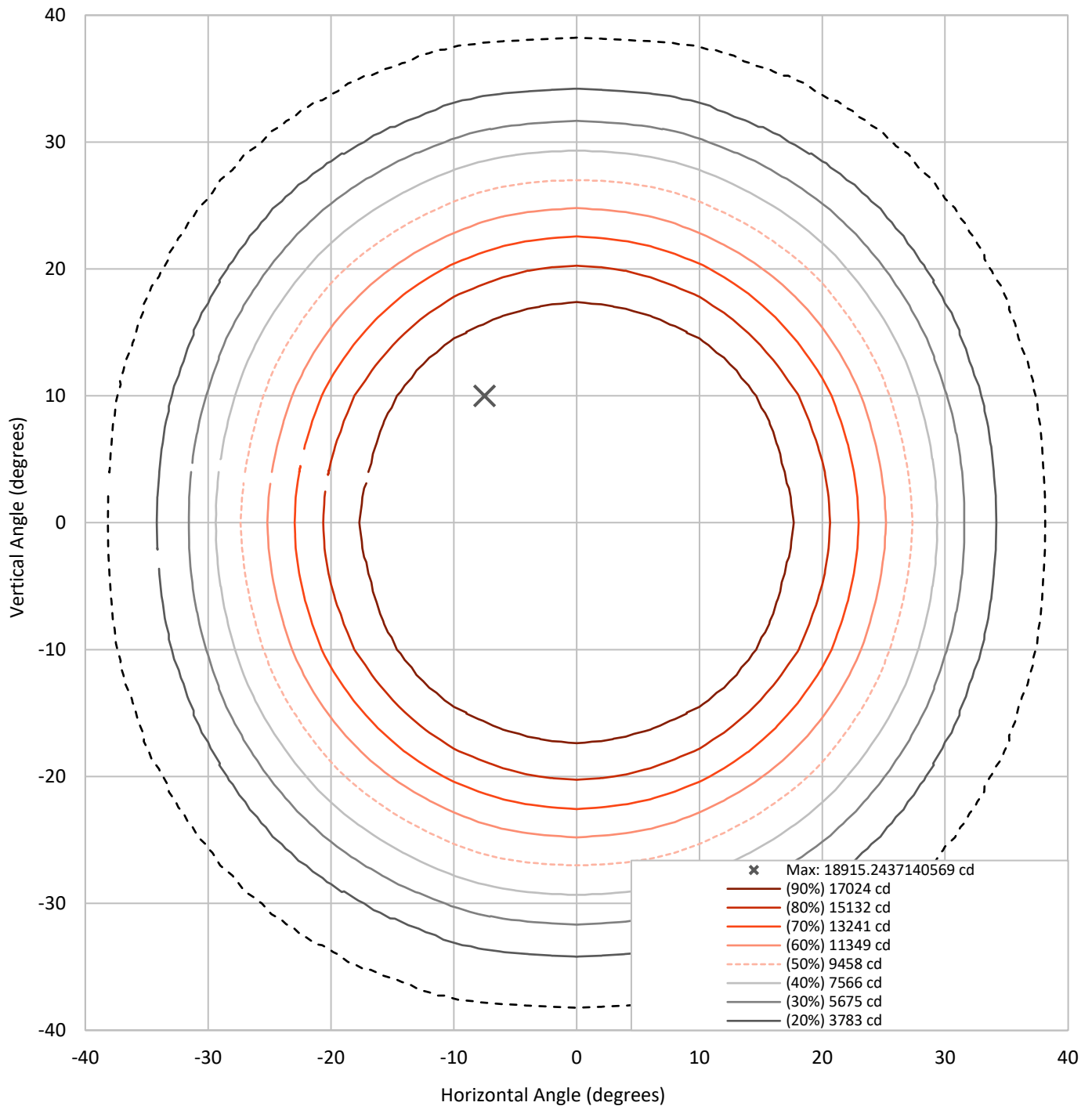
Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

### Iso-Candela Plot





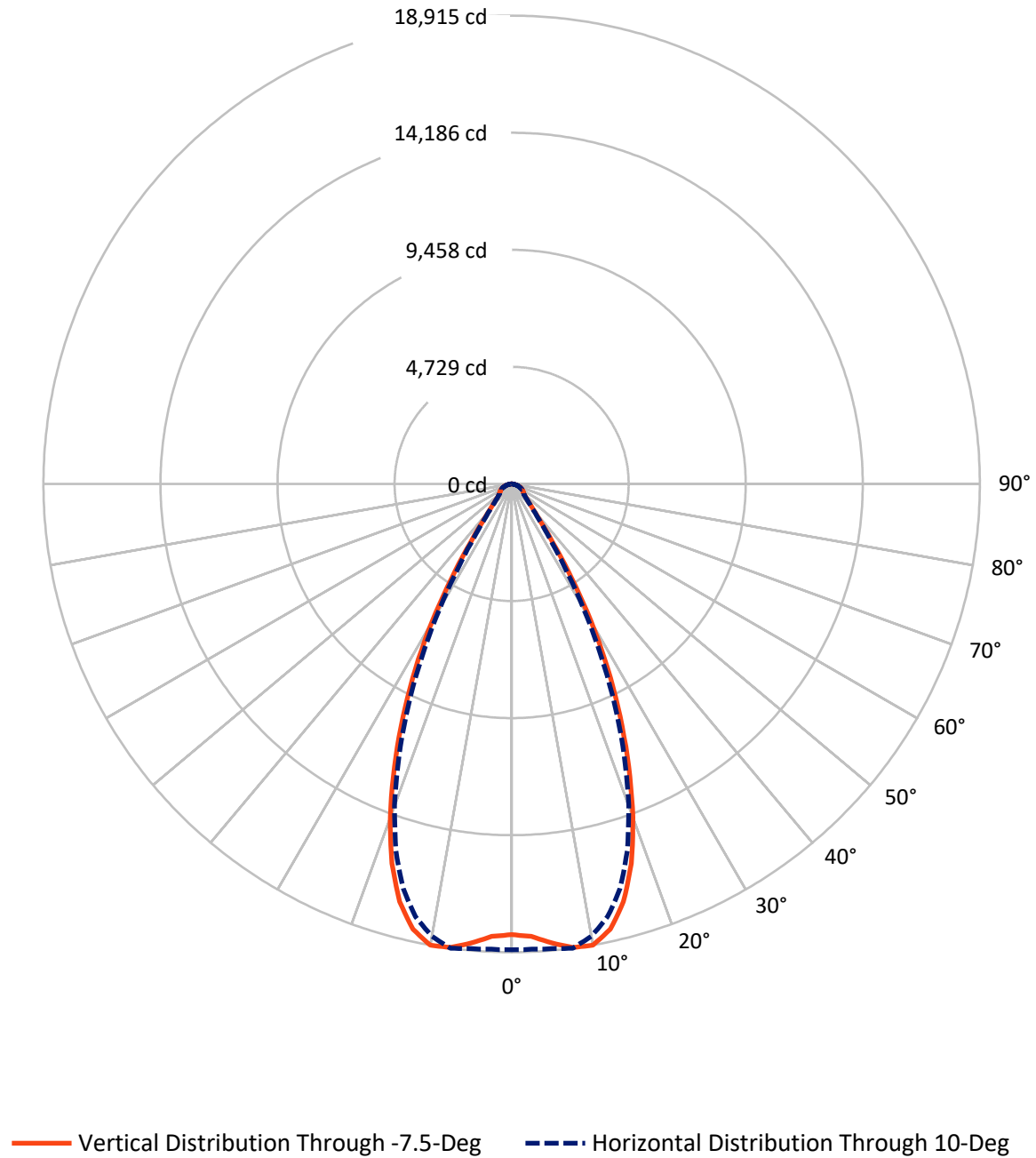
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### Lumen Table

90	0.4	3.8	10.1	16.0	17.9	16.0	10.1	3.8	0.4										
80	0.4	3.8	10.1	16.0	17.9	16.0	10.1	3.8	0.4										
70	1.7	1.9	3.9	6.4	9.0	10.9	12.4	13.1	13.1	12.4	10.9	9.0	6.4	3.9	1.9	1.7			
60		2.9	5.8	9.3	12.4	15.0	16.8	17.5	17.5	16.8	15.0	12.4	9.3	5.8	2.9				
50	3.0	3.7	7.4	11.3	15.1	19.7	24.7	28.4	28.4	24.7	19.7	15.1	11.3	7.4	3.7	3.0			
40		4.4	8.5	13.0	20.1	36.6	70.0	103.8	103.8	70.0	36.6	20.1	13.0	8.5	4.4				
30	3.9	5.0	9.3	15.1	33.0	103.3	231.9	323.8	323.8	231.9	103.3	33.0	15.1	9.3	5.0	3.9			
20		5.3	9.8	18.0	59.6	220.3	420.7	526.6	526.6	420.7	220.3	59.6	18.0	9.8	5.3				
10	4.2	5.5	10.1	20.2	85.8	301.5	510.4	555.4	555.4	510.4	301.5	85.8	20.2	10.1	5.5	4.2			
0		5.5	10.1	20.2	85.8	301.5	510.4	555.4	555.4	510.4	301.5	85.8	20.2	10.1	5.5				
-10	3.9	5.3	9.8	18.0	59.6	220.3	420.7	526.6	526.6	420.7	220.3	59.6	18.0	9.8	5.3	3.9			
-20		5.0	9.3	15.1	33.0	103.3	231.9	323.8	323.8	231.9	103.3	33.0	15.1	9.3	5.0				
-30	3.0	4.4	8.5	13.0	20.1	36.6	70.0	103.8	103.8	70.0	36.6	20.1	13.0	8.5	4.4	3.0			
-40		3.7	7.4	11.3	15.1	19.7	24.7	28.4	28.4	24.7	19.7	15.1	11.3	7.4	3.7				
-50	1.7	2.9	5.8	9.3	12.4	15.0	16.8	17.5	17.5	16.8	15.0	12.4	9.3	5.8	2.9	1.7			
-60		1.9	3.9	6.4	9.0	10.9	12.4	13.1	13.1	12.4	10.9	9.0	6.4	3.9	1.9				
-70	0.4	3.8	10.1	16.0	17.9	16.0	10.1	3.8	0.4										
-80		0.4	3.8	10.1	16.0	17.9	16.0	10.1	3.8	0.4									
-90	0.4	3.8	10.1	16.0	17.9	16.0	10.1	3.8	0.4										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

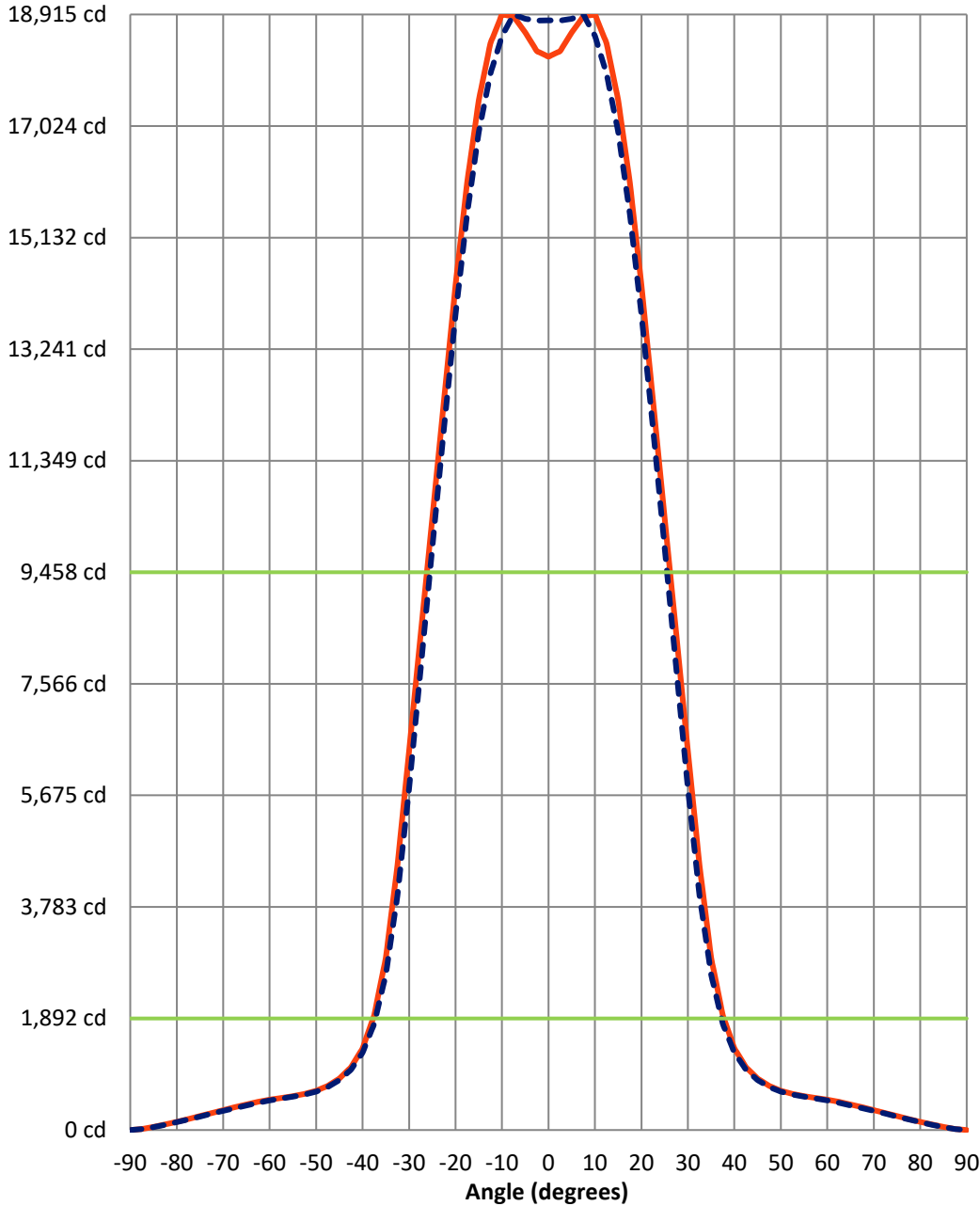
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 10685.3  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 13894  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2204.7  
 Efficiency: 13.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.2	6.2	7.3	8.4
85°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.5	12.5	14.6	16.8
82.5°	0.0	2.2	4.3	6.5	8.6	10.7	12.9	15.6	19.0	24.0	28.6
80°	0.0	2.9	5.8	8.6	11.5	14.3	17.7	24.4	30.8	36.8	42.5
77.5°	0.0	3.6	7.2	10.7	14.3	19.3	27.0	34.9	42.5	49.6	57.3
75°	0.0	4.3	8.6	12.9	17.7	27.0	36.1	45.3	54.4	64.8	75.0
72.5°	0.0	5.0	10.0	14.9	23.8	34.5	45.2	56.2	68.5	80.7	92.6
70°	0.0	5.7	11.3	17.5	29.8	42.0	54.3	68.5	82.5	96.4	110.9
67.5°	0.0	6.4	12.7	21.9	35.7	49.4	64.7	80.7	96.4	112.6	129.1
65°	0.0	7.0	14.0	26.2	41.5	57.2	74.8	92.6	110.3	128.4	147.6
62.5°	0.0	7.7	15.3	30.5	47.2	65.3	84.7	104.3	123.9	144.4	167.6
60°	0.0	8.3	16.6	34.7	52.7	73.2	94.3	115.8	137.1	161.7	187.1
57.5°	0.0	8.9	19.2	38.8	58.8	80.9	103.9	126.9	151.6	178.5	205.4
55°	0.0	9.5	21.8	42.7	64.7	88.3	113.3	137.8	165.9	194.7	223.0
52.5°	0.0	10.1	24.3	46.6	70.4	95.6	122.6	149.8	179.8	210.1	240.0
50°	0.0	10.7	26.7	50.3	75.9	103.1	131.5	161.5	193.1	225.0	256.6
47.5°	0.0	11.2	29.0	53.9	81.1	110.4	140.4	172.8	205.8	239.3	272.5
45°	0.0	11.7	31.2	57.7	86.2	117.5	149.5	183.5	218.1	253.1	287.9
42.5°	0.0	12.2	33.3	61.3	91.0	124.2	158.3	193.7	229.8	266.3	302.4
40°	0.0	12.7	35.3	64.6	95.8	130.7	166.5	203.4	240.9	279.0	316.4
37.5°	0.0	13.2	37.2	67.7	100.8	137.0	174.4	212.5	251.7	291.2	329.9
35°	0.0	13.6	38.9	70.6	105.4	143.0	181.7	220.9	262.0	302.6	342.4
32.5°	0.0	14.0	40.5	73.3	109.9	148.7	188.5	228.8	271.7	313.2	353.4
30°	0.0	14.4	42.0	75.9	114.0	154.1	194.8	236.3	280.9	322.9	363.7
27.5°	0.0	14.7	43.4	78.2	117.7	159.0	200.6	243.6	289.3	331.9	373.2
25°	0.0	15.0	44.6	80.3	121.0	163.4	205.8	250.4	296.5	339.7	381.8
22.5°	0.0	15.3	45.7	82.2	124.0	167.4	210.5	256.6	303.1	346.8	389.7
20°	0.0	15.6	46.7	83.9	126.7	170.8	214.7	262.2	308.8	353.0	396.7
17.5°	0.0	15.8	47.5	85.4	129.0	173.7	218.5	267.2	313.9	358.5	402.9
15°	0.0	16.0	48.2	86.6	131.1	176.2	221.9	271.7	318.1	363.2	408.1
12.5°	0.0	16.2	48.8	87.6	132.7	178.3	224.8	275.6	321.9	367.1	412.5
10°	0.0	16.3	49.2	88.4	134.0	180.0	227.2	278.9	325.1	370.7	416.2
7.5°	0.0	16.5	49.6	89.0	135.0	181.2	229.2	281.4	327.7	373.6	419.5
5°	0.0	16.5	49.7	89.4	135.6	181.9	230.6	283.2	329.5	375.7	421.8
2.5°	0.0	16.6	49.8	89.5	135.8	182.2	231.4	284.3	330.6	377.0	423.2
0°	0.0	16.6	49.7	89.4	135.7	182.1	231.7	284.7	331.0	377.4	423.7
-2.5°	0.0	16.6	49.8	89.5	135.8	182.2	231.4	284.3	330.6	377.0	423.2
-5°	0.0	16.5	49.7	89.4	135.6	181.9	230.6	283.2	329.5	375.7	421.8
-7.5°	0.0	16.5	49.6	89.0	135.0	181.2	229.2	281.4	327.7	373.6	419.5
-10°	0.0	16.3	49.2	88.4	134.0	180.0	227.2	278.9	325.1	370.7	416.2
-12.5°	0.0	16.2	48.8	87.6	132.7	178.3	224.8	275.6	321.9	367.1	412.5
-15°	0.0	16.0	48.2	86.6	131.1	176.2	221.9	271.7	318.1	363.2	408.1
-17.5°	0.0	15.8	47.5	85.4	129.0	173.7	218.5	267.2	313.9	358.5	402.9
-20°	0.0	15.6	46.7	83.9	126.7	170.8	214.7	262.2	308.8	353.0	396.7

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REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.3	45.7	82.2	124.0	167.4	210.5	256.6	303.1	346.8	389.7
-25°	0.0	15.0	44.6	80.3	121.0	163.4	205.8	250.4	296.5	339.7	381.8
-27.5°	0.0	14.7	43.4	78.2	117.7	159.0	200.6	243.6	289.3	331.9	373.2
-30°	0.0	14.4	42.0	75.9	114.0	154.1	194.8	236.3	280.9	322.9	363.7
-32.5°	0.0	14.0	40.5	73.3	109.9	148.7	188.5	228.8	271.7	313.2	353.4
-35°	0.0	13.6	38.9	70.6	105.4	143.0	181.7	220.9	262.0	302.6	342.4
-37.5°	0.0	13.2	37.2	67.7	100.8	137.0	174.4	212.5	251.7	291.2	329.9
-40°	0.0	12.7	35.3	64.6	95.8	130.7	166.5	203.4	240.9	279.0	316.4
-42.5°	0.0	12.2	33.3	61.3	91.0	124.2	158.3	193.7	229.8	266.3	302.4
-45°	0.0	11.7	31.2	57.7	86.2	117.5	149.5	183.5	218.1	253.1	287.9
-47.5°	0.0	11.2	29.0	53.9	81.1	110.4	140.4	172.8	205.8	239.3	272.5
-50°	0.0	10.7	26.7	50.3	75.9	103.1	131.5	161.5	193.1	225.0	256.6
-52.5°	0.0	10.1	24.3	46.6	70.4	95.6	122.6	149.8	179.8	210.1	240.0
-55°	0.0	9.5	21.8	42.7	64.7	88.3	113.3	137.8	165.9	194.7	223.0
-57.5°	0.0	8.9	19.2	38.8	58.8	80.9	103.9	126.9	151.6	178.5	205.4
-60°	0.0	8.3	16.6	34.7	52.7	73.2	94.3	115.8	137.1	161.7	187.1
-62.5°	0.0	7.7	15.3	30.5	47.2	65.3	84.7	104.3	123.9	144.4	167.6
-65°	0.0	7.0	14.0	26.2	41.5	57.2	74.8	92.6	110.3	128.4	147.6
-67.5°	0.0	6.4	12.7	21.9	35.7	49.4	64.7	80.7	96.4	112.6	129.1
-70°	0.0	5.7	11.3	17.5	29.8	42.0	54.3	68.5	82.5	96.4	110.9
-72.5°	0.0	5.0	10.0	14.9	23.8	34.5	45.2	56.2	68.5	80.7	92.6
-75°	0.0	4.3	8.6	12.9	17.7	27.0	36.1	45.3	54.4	64.8	75.0
-77.5°	0.0	3.6	7.2	10.7	14.3	19.3	27.0	34.9	42.5	49.6	57.3
-80°	0.0	2.9	5.8	8.6	11.5	14.3	17.7	24.4	30.8	36.8	42.5
-82.5°	0.0	2.2	4.3	6.5	8.6	10.7	12.9	15.6	19.0	24.0	28.6
-85°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.5	12.5	14.6	16.8
-87.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.2	6.2	7.3	8.4
-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°	9.2	9.9	10.7	11.4	12.1	12.8	13.4	14.1	14.7	15.2	15.8
85°	18.4	19.9	22.5	25.2	27.8	30.3	32.6	34.9	37.1	39.2	41.2
82.5°	32.8	37.1	41.5	46.0	49.9	53.6	57.2	61.0	64.8	68.5	72.2
80°	48.3	54.3	61.1	67.6	73.3	78.7	83.9	88.9	94.3	100.2	106.1
77.5°	66.1	74.6	82.6	90.1	97.3	105.2	112.8	120.1	127.8	135.3	142.5
75°	85.2	94.9	105.1	115.2	125.0	134.5	143.7	153.1	162.7	172.2	181.2
72.5°	104.9	117.2	129.3	141.0	153.2	165.1	176.5	187.6	198.9	210.5	221.6
70°	125.4	139.5	154.3	168.7	182.4	196.2	210.2	223.7	236.9	250.3	263.6
67.5°	146.1	163.7	180.5	196.5	212.6	228.9	244.6	260.7	276.3	291.9	306.9
65°	168.8	188.2	206.5	224.7	243.1	262.1	280.7	298.7	316.8	334.2	350.0
62.5°	191.1	211.7	232.0	252.7	274.5	295.9	316.3	336.9	357.9	376.2	392.2
60°	211.7	234.5	257.2	280.8	304.9	328.0	350.8	373.2	395.8	416.8	429.8
57.5°	231.5	256.7	281.8	307.3	332.7	358.5	382.4	407.1	428.0	445.8	460.8
55°	250.8	278.2	304.9	331.7	359.1	386.0	412.1	435.5	456.0	470.8	485.3
52.5°	269.6	298.5	326.1	355.0	384.2	412.7	439.9	461.6	478.4	493.6	507.1
50°	287.8	317.2	346.4	377.7	408.5	438.7	464.3	483.3	500.4	515.1	529.3
47.5°	304.9	335.5	366.7	399.6	432.0	461.2	484.7	504.6	522.1	538.0	554.8
45°	321.3	353.8	386.7	420.8	453.8	482.1	504.7	526.1	542.5	560.4	579.7
42.5°	337.3	371.4	405.9	441.0	474.5	500.8	523.5	543.1	562.3	583.6	606.9
40°	352.4	387.9	424.0	460.5	493.9	517.2	539.4	560.3	583.6	608.9	635.9
37.5°	366.6	403.5	441.0	478.9	508.2	532.3	555.0	578.2	605.3	634.6	671.3
35°	379.9	418.0	456.7	493.2	521.0	546.5	570.0	595.9	627.7	665.9	712.9
32.5°	392.2	431.4	471.3	504.7	532.8	559.3	583.5	615.8	653.9	699.4	765.9
30°	403.6	443.7	483.7	516.0	543.4	570.1	599.5	635.9	680.4	746.9	832.0
27.5°	414.1	454.9	493.5	525.5	553.0	580.4	614.8	658.9	717.6	796.9	902.7
25°	423.8	465.6	502.8	533.4	561.8	592.2	629.7	679.2	756.3	858.8	1001.8
22.5°	432.5	475.2	511.8	540.2	570.1	603.1	646.7	708.7	797.6	917.2	1101.7
20°	440.3	482.5	518.5	546.7	577.7	612.0	661.9	736.7	843.9	998.8	1234.2
17.5°	447.2	488.9	523.5	552.9	585.1	622.1	676.6	760.9	885.0	1070.0	1368.3
15°	453.1	494.3	527.8	558.2	591.6	633.7	697.2	792.5	932.7	1144.0	1485.1
12.5°	458.0	498.8	531.2	562.6	597.0	643.4	714.8	822.4	982.3	1235.0	1657.2
10°	461.8	502.3	533.9	565.9	601.1	651.2	729.1	846.8	1023.4	1313.7	1803.9
7.5°	465.4	504.9	535.7	568.3	604.1	657.0	739.9	865.6	1054.9	1375.6	1920.1
5°	468.0	506.5	536.7	569.7	606.6	660.8	747.3	878.7	1076.6	1419.8	2001.8
2.5°	469.6	507.0	536.9	570.0	608.5	662.5	751.1	885.9	1093.7	1440.7	2045.7
0°	470.1	506.5	536.3	569.4	609.1	662.1	751.4	887.2	1102.3	1440.0	2052.4
-2.5°	469.6	507.0	536.9	570.0	608.5	662.5	751.1	885.9	1093.7	1440.7	2045.7
-5°	468.0	506.5	536.7	569.7	606.6	660.8	747.3	878.7	1076.6	1419.8	2001.8
-7.5°	465.4	504.9	535.7	568.3	604.1	657.0	739.9	865.6	1054.9	1375.6	1920.1
-10°	461.8	502.3	533.9	565.9	601.1	651.2	729.1	846.8	1023.4	1313.7	1803.9
-12.5°	458.0	498.8	531.2	562.6	597.0	643.4	714.8	822.4	982.3	1235.0	1657.2
-15°	453.1	494.3	527.8	558.2	591.6	633.7	697.2	792.5	932.7	1144.0	1485.1
-17.5°	447.2	488.9	523.5	552.9	585.1	622.1	676.6	760.9	885.0	1070.0	1368.3
-20°	440.3	482.5	518.5	546.7	577.7	612.0	661.9	736.7	843.9	998.8	1234.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	432.5	475.2	511.8	540.2	570.1	603.1	646.7	708.7	797.6	917.2	1101.7
-25°	423.8	465.6	502.8	533.4	561.8	592.2	629.7	679.2	756.3	858.8	1001.8
-27.5°	414.1	454.9	493.5	525.5	553.0	580.4	614.8	658.9	717.6	796.9	902.7
-30°	403.6	443.7	483.7	516.0	543.4	570.1	599.5	635.9	680.4	746.9	832.0
-32.5°	392.2	431.4	471.3	504.7	532.8	559.3	583.5	615.8	653.9	699.4	765.9
-35°	379.9	418.0	456.7	493.2	521.0	546.5	570.0	595.9	627.7	665.9	712.9
-37.5°	366.6	403.5	441.0	478.9	508.2	532.3	555.0	578.2	605.3	634.6	671.3
-40°	352.4	387.9	424.0	460.5	493.9	517.2	539.4	560.3	583.6	608.9	635.9
-42.5°	337.3	371.4	405.9	441.0	474.5	500.8	523.5	543.1	562.3	583.6	606.9
-45°	321.3	353.8	386.7	420.8	453.8	482.1	504.7	526.1	542.5	560.4	579.7
-47.5°	304.9	335.5	366.7	399.6	432.0	461.2	484.7	504.6	522.1	538.0	554.8
-50°	287.8	317.2	346.4	377.7	408.5	438.7	464.3	483.3	500.4	515.1	529.3
-52.5°	269.6	298.5	326.1	355.0	384.2	412.7	439.9	461.6	478.4	493.6	507.1
-55°	250.8	278.2	304.9	331.7	359.1	386.0	412.1	435.5	456.0	470.8	485.3
-57.5°	231.5	256.7	281.8	307.3	332.7	358.5	382.4	407.1	428.0	445.8	460.8
-60°	211.7	234.5	257.2	280.8	304.9	328.0	350.8	373.2	395.8	416.8	429.8
-62.5°	191.1	211.7	232.0	252.7	274.5	295.9	316.3	336.9	357.9	376.2	392.2
-65°	168.8	188.2	206.5	224.7	243.1	262.1	280.7	298.7	316.8	334.2	350.0
-67.5°	146.1	163.7	180.5	196.5	212.6	228.9	244.6	260.7	276.3	291.9	306.9
-70°	125.4	139.5	154.3	168.7	182.4	196.2	210.2	223.7	236.9	250.3	263.6
-72.5°	104.9	117.2	129.3	141.0	153.2	165.1	176.5	187.6	198.9	210.5	221.6
-75°	85.2	94.9	105.1	115.2	125.0	134.5	143.7	153.1	162.7	172.2	181.2
-77.5°	66.1	74.6	82.6	90.1	97.3	105.2	112.8	120.1	127.8	135.3	142.5
-80°	48.3	54.3	61.1	67.6	73.3	78.7	83.9	88.9	94.3	100.2	106.1
-82.5°	32.8	37.1	41.5	46.0	49.9	53.6	57.2	61.0	64.8	68.5	72.2
-85°	18.4	19.9	22.5	25.2	27.8	30.3	32.6	34.9	37.1	39.2	41.2
-87.5°	9.2	9.9	10.7	11.4	12.1	12.8	13.4	14.1	14.7	15.2	15.8
-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: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.3	16.1	15.8	15.5	15.1	16.1	17.1	18.2	19.2	18.6	18.0
85°	43.1	44.1	44.9	45.6	46.2	48.2	50.2	52.1	53.8	53.8	53.6
82.5°	75.8	78.3	80.4	82.2	83.9	86.3	88.5	90.3	91.9	93.1	94.1
80°	111.7	115.7	119.1	122.2	124.9	128.1	131.0	133.6	135.9	137.2	138.0
77.5°	149.7	155.5	160.6	165.6	170.2	174.8	179.1	182.9	186.1	186.9	186.7
75°	189.8	197.6	204.9	211.7	217.9	223.3	227.8	231.6	234.7	236.3	237.1
72.5°	232.2	241.8	250.3	258.1	264.7	270.2	275.0	279.1	282.6	284.8	286.2
70°	276.3	287.6	296.4	303.7	309.4	314.9	321.0	326.9	332.4	335.5	336.7
67.5°	320.5	332.3	340.4	347.0	352.2	357.6	365.4	372.4	378.6	382.8	385.4
65°	363.9	376.2	384.4	390.7	395.5	400.9	409.6	416.5	421.8	426.0	429.8
62.5°	406.7	419.2	428.2	435.7	442.7	448.6	455.8	461.6	466.1	470.2	474.9
60°	443.8	458.5	468.0	475.6	484.3	493.6	498.8	503.2	507.0	510.3	513.2
57.5°	474.1	487.2	499.4	508.6	517.5	526.2	532.4	536.5	539.8	542.3	543.3
55°	499.4	513.0	526.6	536.5	545.3	553.4	560.2	565.6	570.0	573.5	574.3
52.5°	522.1	537.4	550.7	562.2	573.9	583.4	590.9	598.1	604.5	609.6	611.8
50°	546.8	562.8	579.5	594.9	607.3	618.2	627.3	637.5	648.3	657.2	662.8
47.5°	572.8	591.3	611.4	630.4	645.0	661.2	676.2	691.4	711.5	728.4	740.9
45°	600.0	623.7	646.6	670.7	691.0	721.4	749.7	773.9	806.1	835.3	858.6
42.5°	632.2	661.7	689.8	728.4	768.8	810.3	855.2	893.4	943.8	995.1	1036.5
40°	670.2	707.9	757.4	809.3	873.0	930.1	1007.6	1076.6	1153.9	1251.6	1332.4
37.5°	716.0	774.0	842.9	915.1	1014.6	1109.7	1237.7	1372.7	1495.1	1683.1	1841.2
35°	775.5	856.6	947.3	1075.1	1215.9	1394.0	1593.8	1854.4	2078.0	2395.1	2698.1
32.5°	852.1	956.4	1104.5	1301.9	1510.0	1833.3	2150.3	2602.9	3022.0	3524.6	4067.0
30°	937.4	1096.1	1322.4	1593.1	1981.3	2457.0	3015.8	3710.9	4471.7	5178.1	5874.1
27.5°	1061.0	1288.4	1585.7	2022.5	2627.5	3292.9	4272.0	5215.7	6200.2	7075.3	7805.3
25°	1205.3	1505.8	1965.6	2608.8	3426.9	4566.4	5738.5	6903.2	7961.9	8878.1	9684.6
22.5°	1391.6	1823.8	2436.8	3269.9	4543.9	5909.7	7284.1	8568.7	9698.1	10718.3	11591.3
20°	1594.3	2135.0	3010.5	4252.8	5709.8	7265.8	8817.6	10186.0	11429.5	12586.3	13570.2
17.5°	1851.2	2608.5	3717.1	5207.4	6891.8	8596.7	10226.9	11711.9	13122.7	14346.9	15374.9
15°	2070.1	3025.4	4472.3	6220.1	8042.1	9840.4	11561.6	13174.6	14641.4	15897.4	16863.9
12.5°	2362.1	3492.7	5142.8	7090.7	9065.1	10957.4	12770.3	14437.5	15930.2	17172.3	17924.7
10°	2638.2	3976.5	5790.9	7822.3	9873.5	11889.7	13825.4	15535.2	16921.1	17909.2	18550.4
7.5°	2872.8	4392.3	6318.1	8413.6	10515.8	12623.8	14583.2	16246.7	17524.6	18349.9	18796.2
5°	3048.1	4703.0	6709.4	8894.1	11051.3	13196.2	15140.3	16702.0	17806.5	18419.5	18643.6
2.5°	3159.7	4885.6	6936.4	9209.3	11409.6	13558.4	15522.5	17059.7	17996.8	18403.1	18441.8
0°	3204.4	4909.2	6971.5	9374.8	11500.0	13661.6	15631.2	17206.9	18067.6	18401.9	18395.3
-2.5°	3159.7	4885.6	6936.4	9209.3	11409.6	13558.4	15522.5	17059.7	17996.8	18403.1	18441.8
-5°	3048.1	4703.0	6709.4	8894.1	11051.3	13196.2	15140.3	16702.0	17806.5	18419.5	18643.6
-7.5°	2872.8	4392.3	6318.1	8413.6	10515.8	12623.8	14583.2	16246.7	17524.6	18349.9	18796.2
-10°	2638.2	3976.5	5790.9	7822.3	9873.5	11889.7	13825.4	15535.2	16921.1	17909.2	18550.4
-12.5°	2362.1	3492.7	5142.8	7090.7	9065.1	10957.4	12770.3	14437.5	15930.2	17172.3	17924.7
-15°	2070.1	3025.4	4472.3	6220.1	8042.1	9840.4	11561.6	13174.6	14641.4	15897.4	16863.9
-17.5°	1851.2	2608.5	3717.1	5207.4	6891.8	8596.7	10226.9	11711.9	13122.7	14346.9	15374.9
-20°	1594.3	2135.0	3010.5	4252.8	5709.8	7265.8	8817.6	10186.0	11429.5	12586.3	13570.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1391.6	1823.8	2436.8	3269.9	4543.9	5909.7	7284.1	8568.7	9698.1	10718.3	11591.3
-25°	1205.3	1505.8	1965.6	2608.8	3426.9	4566.4	5738.5	6903.2	7961.9	8878.1	9684.6
-27.5°	1061.0	1288.4	1585.7	2022.5	2627.5	3292.9	4272.0	5215.7	6200.2	7075.3	7805.3
-30°	937.4	1096.1	1322.4	1593.1	1981.3	2457.0	3015.8	3710.9	4471.7	5178.1	5874.1
-32.5°	852.1	956.4	1104.5	1301.9	1510.0	1833.3	2150.3	2602.9	3022.0	3524.6	4067.0
-35°	775.5	856.6	947.3	1075.1	1215.9	1394.0	1593.8	1854.4	2078.0	2395.1	2698.1
-37.5°	716.0	774.0	842.9	915.1	1014.6	1109.7	1237.7	1372.7	1495.1	1683.1	1841.2
-40°	670.2	707.9	757.4	809.3	873.0	930.1	1007.6	1076.6	1153.9	1251.6	1332.4
-42.5°	632.2	661.7	689.8	728.4	768.8	810.3	855.2	893.4	943.8	995.1	1036.5
-45°	600.0	623.7	646.6	670.7	691.0	721.4	749.7	773.9	806.1	835.3	858.6
-47.5°	572.8	591.3	611.4	630.4	645.0	661.2	676.2	691.4	711.5	728.4	740.9
-50°	546.8	562.8	579.5	594.9	607.3	618.2	627.3	637.5	648.3	657.2	662.8
-52.5°	522.1	537.4	550.7	562.2	573.9	583.4	590.9	598.1	604.5	609.6	611.8
-55°	499.4	513.0	526.6	536.5	545.3	553.4	560.2	565.6	570.0	573.5	574.3
-57.5°	474.1	487.2	499.4	508.6	517.5	526.2	532.4	536.5	539.8	542.3	543.3
-60°	443.8	458.5	468.0	475.6	484.3	493.6	498.8	503.2	507.0	510.3	513.2
-62.5°	406.7	419.2	428.2	435.7	442.7	448.6	455.8	461.6	466.1	470.2	474.9
-65°	363.9	376.2	384.4	390.7	395.5	400.9	409.6	416.5	421.8	426.0	429.8
-67.5°	320.5	332.3	340.4	347.0	352.2	357.6	365.4	372.4	378.6	382.8	385.4
-70°	276.3	287.6	296.4	303.7	309.4	314.9	321.0	326.9	332.4	335.5	336.7
-72.5°	232.2	241.8	250.3	258.1	264.7	270.2	275.0	279.1	282.6	284.8	286.2
-75°	189.8	197.6	204.9	211.7	217.9	223.3	227.8	231.6	234.7	236.3	237.1
-77.5°	149.7	155.5	160.6	165.6	170.2	174.8	179.1	182.9	186.1	186.9	186.7
-80°	111.7	115.7	119.1	122.2	124.9	128.1	131.0	133.6	135.9	137.2	138.0
-82.5°	75.8	78.3	80.4	82.2	83.9	86.3	88.5	90.3	91.9	93.1	94.1
-85°	43.1	44.1	44.9	45.6	46.2	48.2	50.2	52.1	53.8	53.8	53.6
-87.5°	16.3	16.1	15.8	15.5	15.1	16.1	17.1	18.2	19.2	18.6	18.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.3	16.5	16.6	16.6	16.6	16.5	17.3	18.0	18.6	19.2	18.2
85°	53.2	52.7	51.3	49.7	51.3	52.7	53.2	53.6	53.8	53.8	52.1
82.5°	94.9	95.5	94.2	92.7	94.2	95.5	94.9	94.1	93.1	91.9	90.3
80°	138.3	138.4	137.2	135.7	137.2	138.4	138.3	138.0	137.2	135.9	133.6
77.5°	186.0	184.6	185.2	185.4	185.2	184.6	186.0	186.7	186.9	186.1	182.9
75°	237.4	237.2	236.4	235.0	236.4	237.2	237.4	237.1	236.3	234.7	231.6
72.5°	286.8	286.8	286.1	284.7	286.1	286.8	286.8	286.2	284.8	282.6	279.1
70°	337.0	336.4	337.3	337.7	337.3	336.4	337.0	336.7	335.5	332.4	326.9
67.5°	387.5	388.8	388.6	387.3	388.6	388.8	387.5	385.4	382.8	378.6	372.4
65°	432.9	435.1	436.5	437.0	436.5	435.1	432.9	429.8	426.0	421.8	416.5
62.5°	478.6	481.2	481.4	480.0	481.4	481.2	478.6	474.9	470.2	466.1	461.6
60°	514.8	515.2	514.6	513.1	514.6	515.2	514.8	513.2	510.3	507.0	503.2
57.5°	543.3	542.3	541.2	539.6	541.2	542.3	543.3	543.3	542.3	539.8	536.5
55°	573.9	572.3	571.0	569.4	571.0	572.3	573.9	574.3	573.5	570.0	565.6
52.5°	612.3	611.5	610.5	609.1	610.5	611.5	612.3	611.8	609.6	604.5	598.1
50°	665.7	666.6	666.5	665.4	666.5	666.6	665.7	662.8	657.2	648.3	637.5
47.5°	748.9	753.3	756.3	758.1	756.3	753.3	748.9	740.9	728.4	711.5	691.4
45°	873.4	882.3	888.6	893.8	888.6	882.3	873.4	858.6	835.3	806.1	773.9
42.5°	1065.6	1085.4	1094.8	1092.4	1094.8	1085.4	1065.6	1036.5	995.1	943.8	893.4
40°	1386.2	1418.1	1435.8	1449.9	1435.8	1418.1	1386.2	1332.4	1251.6	1153.9	1076.6
37.5°	1949.2	2011.2	2043.8	2072.2	2043.8	2011.2	1949.2	1841.2	1683.1	1495.1	1372.7
35°	2924.5	3064.0	3138.7	3164.6	3138.7	3064.0	2924.5	2698.1	2395.1	2078.0	1854.4
32.5°	4489.0	4746.3	4888.6	4998.5	4888.6	4746.3	4489.0	4067.0	3524.6	3022.0	2602.9
30°	6425.3	6764.2	6952.4	7044.3	6952.4	6764.2	6425.3	5874.1	5178.1	4471.7	3710.9
27.5°	8410.3	8795.5	8998.4	8987.5	8998.4	8795.5	8410.3	7805.3	7075.3	6200.2	5215.7
25°	10376.0	10822.2	11024.3	11205.4	11024.3	10822.2	10376.0	9684.6	8878.1	7961.9	6903.2
22.5°	12364.0	12885.9	13170.6	13304.1	13170.6	12885.9	12364.0	11591.3	10718.3	9698.1	8568.7
20°	14328.5	14909.3	15211.6	15343.2	15211.6	14909.3	14328.5	13570.2	12586.3	11429.5	10186.0
17.5°	16070.7	16637.8	16925.9	17048.0	16925.9	16637.8	16070.7	15374.9	14346.9	13122.7	11711.9
15°	17461.9	17880.2	18125.2	18190.1	18125.2	17880.2	17461.9	16863.9	15897.4	14641.4	13174.6
12.5°	18423.5	18585.6	18703.4	18739.6	18703.4	18585.6	18423.5	17924.7	17172.3	15930.2	14437.5
10°	18915.2	18842.1	18811.9	18815.7	18811.9	18842.1	18915.2	18550.4	17909.2	16921.1	15535.2
7.5°	18881.4	18773.1	18555.7	18521.1	18555.7	18773.1	18881.4	18796.2	18349.9	17524.6	16246.7
5°	18610.1	18413.0	18052.2	17948.4	18052.2	18413.0	18610.1	18643.6	18419.5	17806.5	16702.0
2.5°	18294.0	17938.7	17606.2	17392.3	17606.2	17938.7	18294.0	18441.8	18403.1	17996.8	17059.7
0°	18200.0	17789.5	17359.2	17220.2	17359.2	17789.5	18200.0	18395.3	18401.9	18067.6	17206.9
-2.5°	18294.0	17938.7	17606.2	17392.3	17606.2	17938.7	18294.0	18441.8	18403.1	17996.8	17059.7
-5°	18610.1	18413.0	18052.2	17948.4	18052.2	18413.0	18610.1	18643.6	18419.5	17806.5	16702.0
-7.5°	18881.4	18773.1	18555.7	18521.1	18555.7	18773.1	18881.4	18796.2	18349.9	17524.6	16246.7
-10°	18915.2	18842.1	18811.9	18815.7	18811.9	18842.1	18915.2	18550.4	17909.2	16921.1	15535.2
-12.5°	18423.5	18585.6	18703.4	18739.6	18703.4	18585.6	18423.5	17924.7	17172.3	15930.2	14437.5
-15°	17461.9	17880.2	18125.2	18190.1	18125.2	17880.2	17461.9	16863.9	15897.4	14641.4	13174.6
-17.5°	16070.7	16637.8	16925.9	17048.0	16925.9	16637.8	16070.7	15374.9	14346.9	13122.7	11711.9
-20°	14328.5	14909.3	15211.6	15343.2	15211.6	14909.3	14328.5	13570.2	12586.3	11429.5	10186.0



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	12364.0	12885.9	13170.6	13304.1	13170.6	12885.9	12364.0	11591.3	10718.3	9698.1	8568.7
-25°	10376.0	10822.2	11024.3	11205.4	11024.3	10822.2	10376.0	9684.6	8878.1	7961.9	6903.2
-27.5°	8410.3	8795.5	8998.4	8987.5	8998.4	8795.5	8410.3	7805.3	7075.3	6200.2	5215.7
-30°	6425.3	6764.2	6952.4	7044.3	6952.4	6764.2	6425.3	5874.1	5178.1	4471.7	3710.9
-32.5°	4489.0	4746.3	4888.6	4998.5	4888.6	4746.3	4489.0	4067.0	3524.6	3022.0	2602.9
-35°	2924.5	3064.0	3138.7	3164.6	3138.7	3064.0	2924.5	2698.1	2395.1	2078.0	1854.4
-37.5°	1949.2	2011.2	2043.8	2072.2	2043.8	2011.2	1949.2	1841.2	1683.1	1495.1	1372.7
-40°	1386.2	1418.1	1435.8	1449.9	1435.8	1418.1	1386.2	1332.4	1251.6	1153.9	1076.6
-42.5°	1065.6	1085.4	1094.8	1092.4	1094.8	1085.4	1065.6	1036.5	995.1	943.8	893.4
-45°	873.4	882.3	888.6	893.8	888.6	882.3	873.4	858.6	835.3	806.1	773.9
-47.5°	748.9	753.3	756.3	758.1	756.3	753.3	748.9	740.9	728.4	711.5	691.4
-50°	665.7	666.6	666.5	665.4	666.5	666.6	665.7	662.8	657.2	648.3	637.5
-52.5°	612.3	611.5	610.5	609.1	610.5	611.5	612.3	611.8	609.6	604.5	598.1
-55°	573.9	572.3	571.0	569.4	571.0	572.3	573.9	574.3	573.5	570.0	565.6
-57.5°	543.3	542.3	541.2	539.6	541.2	542.3	543.3	543.3	542.3	539.8	536.5
-60°	514.8	515.2	514.6	513.1	514.6	515.2	514.8	513.2	510.3	507.0	503.2
-62.5°	478.6	481.2	481.4	480.0	481.4	481.2	478.6	474.9	470.2	466.1	461.6
-65°	432.9	435.1	436.5	437.0	436.5	435.1	432.9	429.8	426.0	421.8	416.5
-67.5°	387.5	388.8	388.6	387.3	388.6	388.8	387.5	385.4	382.8	378.6	372.4
-70°	337.0	336.4	337.3	337.7	337.3	336.4	337.0	336.7	335.5	332.4	326.9
-72.5°	286.8	286.8	286.1	284.7	286.1	286.8	286.8	286.2	284.8	282.6	279.1
-75°	237.4	237.2	236.4	235.0	236.4	237.2	237.4	237.1	236.3	234.7	231.6
-77.5°	186.0	184.6	185.2	185.4	185.2	184.6	186.0	186.7	186.9	186.1	182.9
-80°	138.3	138.4	137.2	135.7	137.2	138.4	138.3	138.0	137.2	135.9	133.6
-82.5°	94.9	95.5	94.2	92.7	94.2	95.5	94.9	94.1	93.1	91.9	90.3
-85°	53.2	52.7	51.3	49.7	51.3	52.7	53.2	53.6	53.8	53.8	52.1
-87.5°	17.3	16.5	16.6	16.6	16.6	16.5	17.3	18.0	18.6	19.2	18.2
-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: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.1	16.1	15.1	15.5	15.8	16.1	16.3	15.8	15.2	14.7	14.1
85°	50.2	48.2	46.2	45.6	44.9	44.1	43.1	41.2	39.2	37.1	34.9
82.5°	88.5	86.3	83.9	82.2	80.4	78.3	75.8	72.2	68.5	64.8	61.0
80°	131.0	128.1	124.9	122.2	119.1	115.7	111.7	106.1	100.2	94.3	88.9
77.5°	179.1	174.8	170.2	165.6	160.6	155.5	149.7	142.5	135.3	127.8	120.1
75°	227.8	223.3	217.9	211.7	204.9	197.6	189.8	181.2	172.2	162.7	153.1
72.5°	275.0	270.2	264.7	258.1	250.3	241.8	232.2	221.6	210.5	198.9	187.6
70°	321.0	314.9	309.4	303.7	296.4	287.6	276.3	263.6	250.3	236.9	223.7
67.5°	365.4	357.6	352.2	347.0	340.4	332.3	320.5	306.9	291.9	276.3	260.7
65°	409.6	400.9	395.5	390.7	384.4	376.2	363.9	350.0	334.2	316.8	298.7
62.5°	455.8	448.6	442.7	435.7	428.2	419.2	406.7	392.2	376.2	357.9	336.9
60°	498.8	493.6	484.3	475.6	468.0	458.5	443.8	429.8	416.8	395.8	373.2
57.5°	532.4	526.2	517.5	508.6	499.4	487.2	474.1	460.8	445.8	428.0	407.1
55°	560.2	553.4	545.3	536.5	526.6	513.0	499.4	485.3	470.8	456.0	435.5
52.5°	590.9	583.4	573.9	562.2	550.7	537.4	522.1	507.1	493.6	478.4	461.6
50°	627.3	618.2	607.3	594.9	579.5	562.8	546.8	529.3	515.1	500.4	483.3
47.5°	676.2	661.2	645.0	630.4	611.4	591.3	572.8	554.8	538.0	522.1	504.6
45°	749.7	721.4	691.0	670.7	646.6	623.7	600.0	579.7	560.4	542.5	526.1
42.5°	855.2	810.3	768.8	728.4	689.8	661.7	632.2	606.9	583.6	562.3	543.1
40°	1007.6	930.1	873.0	809.3	757.4	707.9	670.2	635.9	608.9	583.6	560.3
37.5°	1237.7	1109.7	1014.6	915.1	842.9	774.0	716.0	671.3	634.6	605.3	578.2
35°	1593.8	1394.0	1215.9	1075.1	947.3	856.6	775.5	712.9	665.9	627.7	595.9
32.5°	2150.3	1833.3	1510.0	1301.9	1104.5	956.4	852.1	765.9	699.4	653.9	615.8
30°	3015.8	2457.0	1981.3	1593.1	1322.4	1096.1	937.4	832.0	746.9	680.4	635.9
27.5°	4272.0	3292.9	2627.5	2022.5	1585.7	1288.4	1061.0	902.7	796.9	717.6	658.9
25°	5738.5	4566.4	3426.9	2608.8	1965.6	1505.8	1205.3	1001.8	858.8	756.3	679.2
22.5°	7284.1	5909.7	4543.9	3269.9	2436.8	1823.8	1391.6	1101.7	917.2	797.6	708.7
20°	8817.6	7265.8	5709.8	4252.8	3010.5	2135.0	1594.3	1234.2	998.8	843.9	736.7
17.5°	10226.9	8596.7	6891.8	5207.4	3717.1	2608.5	1851.2	1368.3	1070.0	885.0	760.9
15°	11561.6	9840.4	8042.1	6220.1	4472.3	3025.4	2070.1	1485.1	1144.0	932.7	792.5
12.5°	12770.3	10957.4	9065.1	7090.7	5142.8	3492.7	2362.1	1657.2	1235.0	982.3	822.4
10°	13825.4	11889.7	9873.5	7822.3	5790.9	3976.5	2638.2	1803.9	1313.7	1023.4	846.8
7.5°	14583.2	12623.8	10515.8	8413.6	6318.1	4392.3	2872.8	1920.1	1375.6	1054.9	865.6
5°	15140.3	13196.2	11051.3	8894.1	6709.4	4703.0	3048.1	2001.8	1419.8	1076.6	878.7
2.5°	15522.5	13558.4	11409.6	9209.3	6936.4	4885.6	3159.7	2045.7	1440.7	1093.7	885.9
0°	15631.2	13661.6	11500.0	9374.8	6971.5	4909.2	3204.4	2052.4	1440.0	1102.3	887.2
-2.5°	15522.5	13558.4	11409.6	9209.3	6936.4	4885.6	3159.7	2045.7	1440.7	1093.7	885.9
-5°	15140.3	13196.2	11051.3	8894.1	6709.4	4703.0	3048.1	2001.8	1419.8	1076.6	878.7
-7.5°	14583.2	12623.8	10515.8	8413.6	6318.1	4392.3	2872.8	1920.1	1375.6	1054.9	865.6
-10°	13825.4	11889.7	9873.5	7822.3	5790.9	3976.5	2638.2	1803.9	1313.7	1023.4	846.8
-12.5°	12770.3	10957.4	9065.1	7090.7	5142.8	3492.7	2362.1	1657.2	1235.0	982.3	822.4
-15°	11561.6	9840.4	8042.1	6220.1	4472.3	3025.4	2070.1	1485.1	1144.0	932.7	792.5
-17.5°	10226.9	8596.7	6891.8	5207.4	3717.1	2608.5	1851.2	1368.3	1070.0	885.0	760.9
-20°	8817.6	7265.8	5709.8	4252.8	3010.5	2135.0	1594.3	1234.2	998.8	843.9	736.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7284.1	5909.7	4543.9	3269.9	2436.8	1823.8	1391.6	1101.7	917.2	797.6	708.7
-25°	5738.5	4566.4	3426.9	2608.8	1965.6	1505.8	1205.3	1001.8	858.8	756.3	679.2
-27.5°	4272.0	3292.9	2627.5	2022.5	1585.7	1288.4	1061.0	902.7	796.9	717.6	658.9
-30°	3015.8	2457.0	1981.3	1593.1	1322.4	1096.1	937.4	832.0	746.9	680.4	635.9
-32.5°	2150.3	1833.3	1510.0	1301.9	1104.5	956.4	852.1	765.9	699.4	653.9	615.8
-35°	1593.8	1394.0	1215.9	1075.1	947.3	856.6	775.5	712.9	665.9	627.7	595.9
-37.5°	1237.7	1109.7	1014.6	915.1	842.9	774.0	716.0	671.3	634.6	605.3	578.2
-40°	1007.6	930.1	873.0	809.3	757.4	707.9	670.2	635.9	608.9	583.6	560.3
-42.5°	855.2	810.3	768.8	728.4	689.8	661.7	632.2	606.9	583.6	562.3	543.1
-45°	749.7	721.4	691.0	670.7	646.6	623.7	600.0	579.7	560.4	542.5	526.1
-47.5°	676.2	661.2	645.0	630.4	611.4	591.3	572.8	554.8	538.0	522.1	504.6
-50°	627.3	618.2	607.3	594.9	579.5	562.8	546.8	529.3	515.1	500.4	483.3
-52.5°	590.9	583.4	573.9	562.2	550.7	537.4	522.1	507.1	493.6	478.4	461.6
-55°	560.2	553.4	545.3	536.5	526.6	513.0	499.4	485.3	470.8	456.0	435.5
-57.5°	532.4	526.2	517.5	508.6	499.4	487.2	474.1	460.8	445.8	428.0	407.1
-60°	498.8	493.6	484.3	475.6	468.0	458.5	443.8	429.8	416.8	395.8	373.2
-62.5°	455.8	448.6	442.7	435.7	428.2	419.2	406.7	392.2	376.2	357.9	336.9
-65°	409.6	400.9	395.5	390.7	384.4	376.2	363.9	350.0	334.2	316.8	298.7
-67.5°	365.4	357.6	352.2	347.0	340.4	332.3	320.5	306.9	291.9	276.3	260.7
-70°	321.0	314.9	309.4	303.7	296.4	287.6	276.3	263.6	250.3	236.9	223.7
-72.5°	275.0	270.2	264.7	258.1	250.3	241.8	232.2	221.6	210.5	198.9	187.6
-75°	227.8	223.3	217.9	211.7	204.9	197.6	189.8	181.2	172.2	162.7	153.1
-77.5°	179.1	174.8	170.2	165.6	160.6	155.5	149.7	142.5	135.3	127.8	120.1
-80°	131.0	128.1	124.9	122.2	119.1	115.7	111.7	106.1	100.2	94.3	88.9
-82.5°	88.5	86.3	83.9	82.2	80.4	78.3	75.8	72.2	68.5	64.8	61.0
-85°	50.2	48.2	46.2	45.6	44.9	44.1	43.1	41.2	39.2	37.1	34.9
-87.5°	17.1	16.1	15.1	15.5	15.8	16.1	16.3	15.8	15.2	14.7	14.1
-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: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	12.8	12.1	11.4	10.7	9.9	9.2	8.4	7.3	6.2	5.2
85°	32.6	30.3	27.8	25.2	22.5	19.9	18.4	16.8	14.6	12.5	10.5
82.5°	57.2	53.6	49.9	46.0	41.5	37.1	32.8	28.6	24.0	19.0	15.6
80°	83.9	78.7	73.3	67.6	61.1	54.3	48.3	42.5	36.8	30.8	24.4
77.5°	112.8	105.2	97.3	90.1	82.6	74.6	66.1	57.3	49.6	42.5	34.9
75°	143.7	134.5	125.0	115.2	105.1	94.9	85.2	75.0	64.8	54.4	45.3
72.5°	176.5	165.1	153.2	141.0	129.3	117.2	104.9	92.6	80.7	68.5	56.2
70°	210.2	196.2	182.4	168.7	154.3	139.5	125.4	110.9	96.4	82.5	68.5
67.5°	244.6	228.9	212.6	196.5	180.5	163.7	146.1	129.1	112.6	96.4	80.7
65°	280.7	262.1	243.1	224.7	206.5	188.2	168.8	147.6	128.4	110.3	92.6
62.5°	316.3	295.9	274.5	252.7	232.0	211.7	191.1	167.6	144.4	123.9	104.3
60°	350.8	328.0	304.9	280.8	257.2	234.5	211.7	187.1	161.7	137.1	115.8
57.5°	382.4	358.5	332.7	307.3	281.8	256.7	231.5	205.4	178.5	151.6	126.9
55°	412.1	386.0	359.1	331.7	304.9	278.2	250.8	223.0	194.7	165.9	137.8
52.5°	439.9	412.7	384.2	355.0	326.1	298.5	269.6	240.0	210.1	179.8	149.8
50°	464.3	438.7	408.5	377.7	346.4	317.2	287.8	256.6	225.0	193.1	161.5
47.5°	484.7	461.2	432.0	399.6	366.7	335.5	304.9	272.5	239.3	205.8	172.8
45°	504.7	482.1	453.8	420.8	386.7	353.8	321.3	287.9	253.1	218.1	183.5
42.5°	523.5	500.8	474.5	441.0	405.9	371.4	337.3	302.4	266.3	229.8	193.7
40°	539.4	517.2	493.9	460.5	424.0	387.9	352.4	316.4	279.0	240.9	203.4
37.5°	555.0	532.3	508.2	478.9	441.0	403.5	366.6	329.9	291.2	251.7	212.5
35°	570.0	546.5	521.0	493.2	456.7	418.0	379.9	342.4	302.6	262.0	220.9
32.5°	583.5	559.3	532.8	504.7	471.3	431.4	392.2	353.4	313.2	271.7	228.8
30°	599.5	570.1	543.4	516.0	483.7	443.7	403.6	363.7	322.9	280.9	236.3
27.5°	614.8	580.4	553.0	525.5	493.5	454.9	414.1	373.2	331.9	289.3	243.6
25°	629.7	592.2	561.8	533.4	502.8	465.6	423.8	381.8	339.7	296.5	250.4
22.5°	646.7	603.1	570.1	540.2	511.8	475.2	432.5	389.7	346.8	303.1	256.6
20°	661.9	612.0	577.7	546.7	518.5	482.5	440.3	396.7	353.0	308.8	262.2
17.5°	676.6	622.1	585.1	552.9	523.5	488.9	447.2	402.9	358.5	313.9	267.2
15°	697.2	633.7	591.6	558.2	527.8	494.3	453.1	408.1	363.2	318.1	271.7
12.5°	714.8	643.4	597.0	562.6	531.2	498.8	458.0	412.5	367.1	321.9	275.6
10°	729.1	651.2	601.1	565.9	533.9	502.3	461.8	416.2	370.7	325.1	278.9
7.5°	739.9	657.0	604.1	568.3	535.7	504.9	465.4	419.5	373.6	327.7	281.4
5°	747.3	660.8	606.6	569.7	536.7	506.5	468.0	421.8	375.7	329.5	283.2
2.5°	751.1	662.5	608.5	570.0	536.9	507.0	469.6	423.2	377.0	330.6	284.3
0°	751.4	662.1	609.1	569.4	536.3	506.5	470.1	423.7	377.4	331.0	284.7
-2.5°	751.1	662.5	608.5	570.0	536.9	507.0	469.6	423.2	377.0	330.6	284.3
-5°	747.3	660.8	606.6	569.7	536.7	506.5	468.0	421.8	375.7	329.5	283.2
-7.5°	739.9	657.0	604.1	568.3	535.7	504.9	465.4	419.5	373.6	327.7	281.4
-10°	729.1	651.2	601.1	565.9	533.9	502.3	461.8	416.2	370.7	325.1	278.9
-12.5°	714.8	643.4	597.0	562.6	531.2	498.8	458.0	412.5	367.1	321.9	275.6
-15°	697.2	633.7	591.6	558.2	527.8	494.3	453.1	408.1	363.2	318.1	271.7
-17.5°	676.6	622.1	585.1	552.9	523.5	488.9	447.2	402.9	358.5	313.9	267.2
-20°	661.9	612.0	577.7	546.7	518.5	482.5	440.3	396.7	353.0	308.8	262.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	646.7	603.1	570.1	540.2	511.8	475.2	432.5	389.7	346.8	303.1	256.6
-25°	629.7	592.2	561.8	533.4	502.8	465.6	423.8	381.8	339.7	296.5	250.4
-27.5°	614.8	580.4	553.0	525.5	493.5	454.9	414.1	373.2	331.9	289.3	243.6
-30°	599.5	570.1	543.4	516.0	483.7	443.7	403.6	363.7	322.9	280.9	236.3
-32.5°	583.5	559.3	532.8	504.7	471.3	431.4	392.2	353.4	313.2	271.7	228.8
-35°	570.0	546.5	521.0	493.2	456.7	418.0	379.9	342.4	302.6	262.0	220.9
-37.5°	555.0	532.3	508.2	478.9	441.0	403.5	366.6	329.9	291.2	251.7	212.5
-40°	539.4	517.2	493.9	460.5	424.0	387.9	352.4	316.4	279.0	240.9	203.4
-42.5°	523.5	500.8	474.5	441.0	405.9	371.4	337.3	302.4	266.3	229.8	193.7
-45°	504.7	482.1	453.8	420.8	386.7	353.8	321.3	287.9	253.1	218.1	183.5
-47.5°	484.7	461.2	432.0	399.6	366.7	335.5	304.9	272.5	239.3	205.8	172.8
-50°	464.3	438.7	408.5	377.7	346.4	317.2	287.8	256.6	225.0	193.1	161.5
-52.5°	439.9	412.7	384.2	355.0	326.1	298.5	269.6	240.0	210.1	179.8	149.8
-55°	412.1	386.0	359.1	331.7	304.9	278.2	250.8	223.0	194.7	165.9	137.8
-57.5°	382.4	358.5	332.7	307.3	281.8	256.7	231.5	205.4	178.5	151.6	126.9
-60°	350.8	328.0	304.9	280.8	257.2	234.5	211.7	187.1	161.7	137.1	115.8
-62.5°	316.3	295.9	274.5	252.7	232.0	211.7	191.1	167.6	144.4	123.9	104.3
-65°	280.7	262.1	243.1	224.7	206.5	188.2	168.8	147.6	128.4	110.3	92.6
-67.5°	244.6	228.9	212.6	196.5	180.5	163.7	146.1	129.1	112.6	96.4	80.7
-70°	210.2	196.2	182.4	168.7	154.3	139.5	125.4	110.9	96.4	82.5	68.5
-72.5°	176.5	165.1	153.2	141.0	129.3	117.2	104.9	92.6	80.7	68.5	56.2
-75°	143.7	134.5	125.0	115.2	105.1	94.9	85.2	75.0	64.8	54.4	45.3
-77.5°	112.8	105.2	97.3	90.1	82.6	74.6	66.1	57.3	49.6	42.5	34.9
-80°	83.9	78.7	73.3	67.6	61.1	54.3	48.3	42.5	36.8	30.8	24.4
-82.5°	57.2	53.6	49.9	46.0	41.5	37.1	32.8	28.6	24.0	19.0	15.6
-85°	32.6	30.3	27.8	25.2	22.5	19.9	18.4	16.8	14.6	12.5	10.5
-87.5°	13.4	12.8	12.1	11.4	10.7	9.9	9.2	8.4	7.3	6.2	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627147 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
85°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
82.5°	12.9	10.7	8.6	6.5	4.3	2.2	0.0
80°	17.7	14.3	11.5	8.6	5.8	2.9	0.0
77.5°	27.0	19.3	14.3	10.7	7.2	3.6	0.0
75°	36.1	27.0	17.7	12.9	8.6	4.3	0.0
72.5°	45.2	34.5	23.8	14.9	10.0	5.0	0.0
70°	54.3	42.0	29.8	17.5	11.3	5.7	0.0
67.5°	64.7	49.4	35.7	21.9	12.7	6.4	0.0
65°	74.8	57.2	41.5	26.2	14.0	7.0	0.0
62.5°	84.7	65.3	47.2	30.5	15.3	7.7	0.0
60°	94.3	73.2	52.7	34.7	16.6	8.3	0.0
57.5°	103.9	80.9	58.8	38.8	19.2	8.9	0.0
55°	113.3	88.3	64.7	42.7	21.8	9.5	0.0
52.5°	122.6	95.6	70.4	46.6	24.3	10.1	0.0
50°	131.5	103.1	75.9	50.3	26.7	10.7	0.0
47.5°	140.4	110.4	81.1	53.9	29.0	11.2	0.0
45°	149.5	117.5	86.2	57.7	31.2	11.7	0.0
42.5°	158.3	124.2	91.0	61.3	33.3	12.2	0.0
40°	166.5	130.7	95.8	64.6	35.3	12.7	0.0
37.5°	174.4	137.0	100.8	67.7	37.2	13.2	0.0
35°	181.7	143.0	105.4	70.6	38.9	13.6	0.0
32.5°	188.5	148.7	109.9	73.3	40.5	14.0	0.0
30°	194.8	154.1	114.0	75.9	42.0	14.4	0.0
27.5°	200.6	159.0	117.7	78.2	43.4	14.7	0.0
25°	205.8	163.4	121.0	80.3	44.6	15.0	0.0
22.5°	210.5	167.4	124.0	82.2	45.7	15.3	0.0
20°	214.7	170.8	126.7	83.9	46.7	15.6	0.0
17.5°	218.5	173.7	129.0	85.4	47.5	15.8	0.0
15°	221.9	176.2	131.1	86.6	48.2	16.0	0.0
12.5°	224.8	178.3	132.7	87.6	48.8	16.2	0.0
10°	227.2	180.0	134.0	88.4	49.2	16.3	0.0
7.5°	229.2	181.2	135.0	89.0	49.6	16.5	0.0
5°	230.6	181.9	135.6	89.4	49.7	16.5	0.0
2.5°	231.4	182.2	135.8	89.5	49.8	16.6	0.0
0°	231.7	182.1	135.7	89.4	49.7	16.6	0.0
-2.5°	231.4	182.2	135.8	89.5	49.8	16.6	0.0
-5°	230.6	181.9	135.6	89.4	49.7	16.5	0.0
-7.5°	229.2	181.2	135.0	89.0	49.6	16.5	0.0
-10°	227.2	180.0	134.0	88.4	49.2	16.3	0.0
-12.5°	224.8	178.3	132.7	87.6	48.8	16.2	0.0
-15°	221.9	176.2	131.1	86.6	48.2	16.0	0.0
-17.5°	218.5	173.7	129.0	85.4	47.5	15.8	0.0
-20°	214.7	170.8	126.7	83.9	46.7	15.6	0.0

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CATALOG NUMBER: GFLD-SA3C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	210.5	167.4	124.0	82.2	45.7	15.3	0.0
-25°	205.8	163.4	121.0	80.3	44.6	15.0	0.0
-27.5°	200.6	159.0	117.7	78.2	43.4	14.7	0.0
-30°	194.8	154.1	114.0	75.9	42.0	14.4	0.0
-32.5°	188.5	148.7	109.9	73.3	40.5	14.0	0.0
-35°	181.7	143.0	105.4	70.6	38.9	13.6	0.0
-37.5°	174.4	137.0	100.8	67.7	37.2	13.2	0.0
-40°	166.5	130.7	95.8	64.6	35.3	12.7	0.0
-42.5°	158.3	124.2	91.0	61.3	33.3	12.2	0.0
-45°	149.5	117.5	86.2	57.7	31.2	11.7	0.0
-47.5°	140.4	110.4	81.1	53.9	29.0	11.2	0.0
-50°	131.5	103.1	75.9	50.3	26.7	10.7	0.0
-52.5°	122.6	95.6	70.4	46.6	24.3	10.1	0.0
-55°	113.3	88.3	64.7	42.7	21.8	9.5	0.0
-57.5°	103.9	80.9	58.8	38.8	19.2	8.9	0.0
-60°	94.3	73.2	52.7	34.7	16.6	8.3	0.0
-62.5°	84.7	65.3	47.2	30.5	15.3	7.7	0.0
-65°	74.8	57.2	41.5	26.2	14.0	7.0	0.0
-67.5°	64.7	49.4	35.7	21.9	12.7	6.4	0.0
-70°	54.3	42.0	29.8	17.5	11.3	5.7	0.0
-72.5°	45.2	34.5	23.8	14.9	10.0	5.0	0.0
-75°	36.1	27.0	17.7	12.9	8.6	4.3	0.0
-77.5°	27.0	19.3	14.3	10.7	7.2	3.6	0.0
-80°	17.7	14.3	11.5	8.6	5.8	2.9	0.0
-82.5°	12.9	10.7	8.6	6.5	4.3	2.2	0.0
-85°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-87.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)