

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: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-730-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N44  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

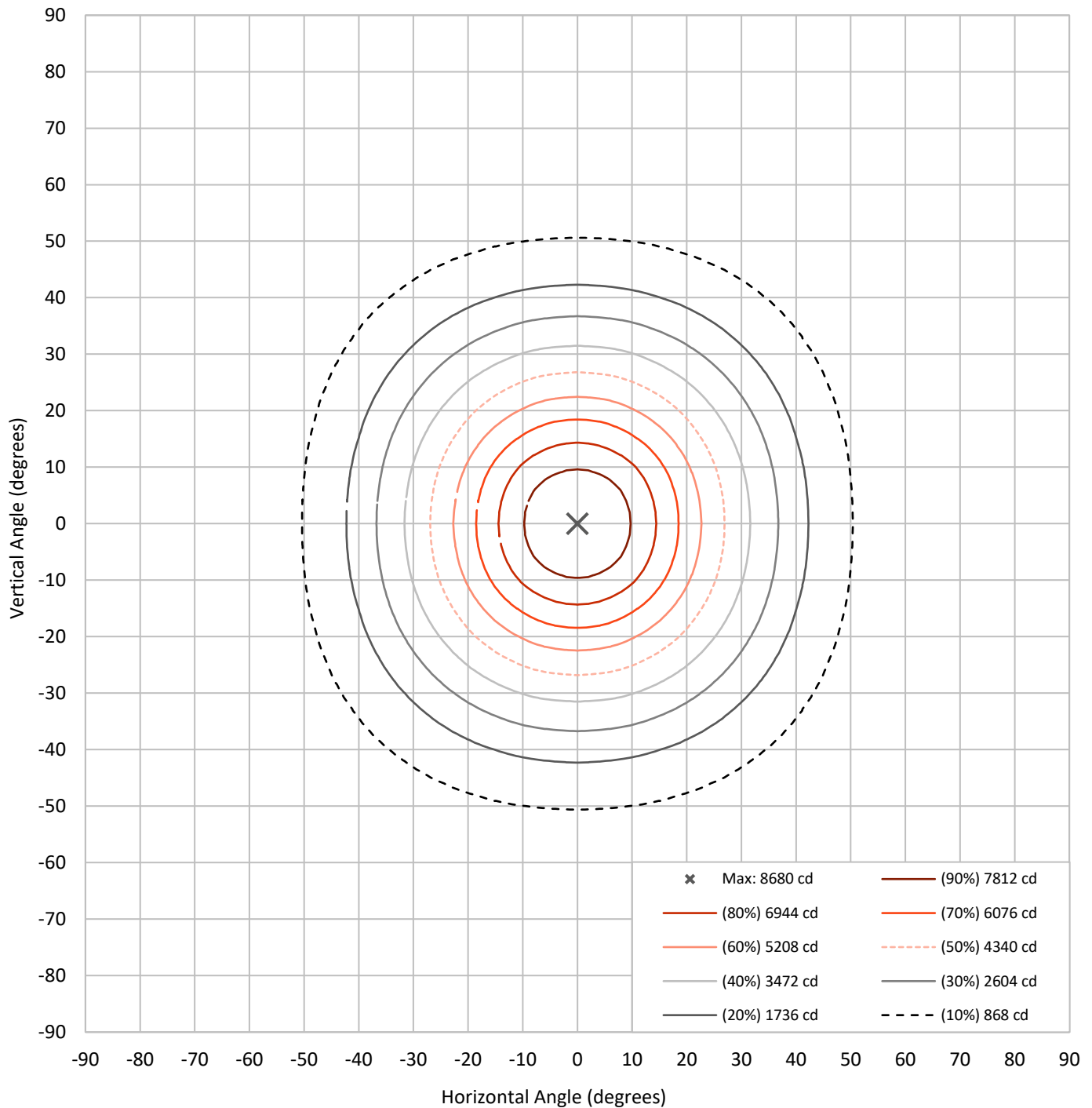
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8834.2 lumens	Max Intensity:	8680 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	4224 lumens	Field Lumens:	7796.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





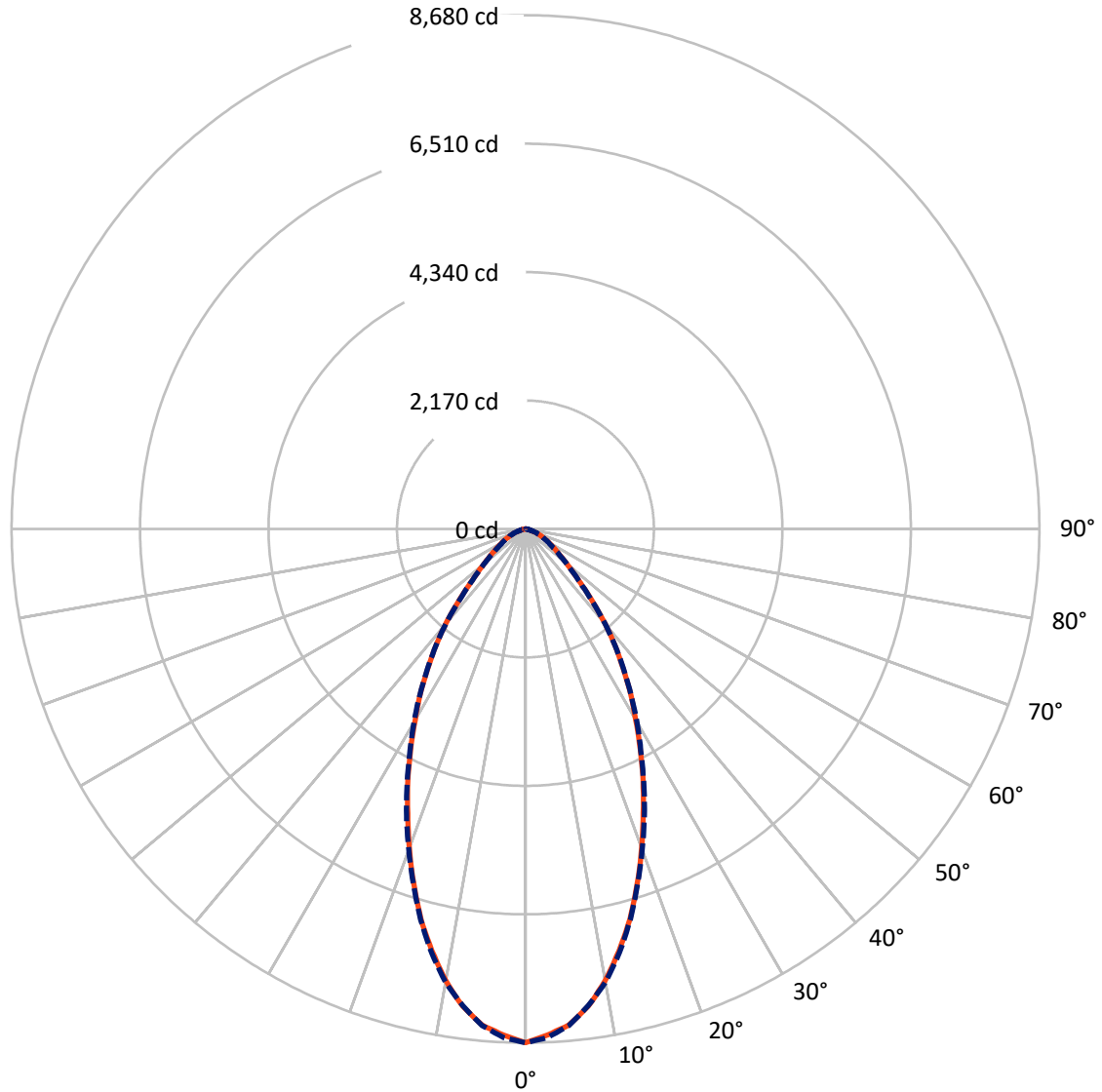
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### Lumen Table

90																			
80	0.3	2.4		5.6		9.2		7.9		9.2		5.6		2.4		0.3			
70																			
60	1.1	1.3	2.5	4.1	5.9	7.6	9.0	9.6	9.6	9.0	7.6	5.9	4.1	2.5	1.3	1.1			
50		1.9	3.8	6.6	10.2	14.0	17.5	19.5	19.5	17.5	14.0	10.2	6.6	3.8	1.9				
40	1.7	2.4	5.3	9.9	16.7	25.6	35.3	41.8	41.8	35.3	25.6	16.7	9.9	5.3	2.4	1.7			
30		3.0	6.9	14.4	28.0	49.7	72.2	85.7	85.7	72.2	49.7	28.0	14.4	6.9	3.0				
20	2.0	3.5	8.6	20.1	45.3	81.4	116.4	139.2	139.2	116.4	81.4	45.3	20.1	8.6	3.5	2.0			
10		3.8	10.1	26.1	61.8	109.9	162.2	199.6	199.6	162.2	109.9	61.8	26.1	10.1	3.8				
0	2.1	4.0	11.0	30.0	71.1	127.7	194.4	244.4	244.4	194.4	127.7	71.1	30.0	11.0	4.0	2.1			
-10		4.0	11.0	30.0	71.1	127.7	194.4	244.4	244.4	194.4	127.7	71.1	30.0	11.0	4.0				
-20	2.0	3.8	10.1	26.1	61.8	109.9	162.2	199.6	199.6	162.2	109.9	61.8	26.1	10.1	3.8	2.0			
-30		3.5	8.6	20.1	45.3	81.4	116.4	139.2	139.2	116.4	81.4	45.3	20.1	8.6	3.5				
-40	1.7	3.0	6.9	14.4	28.0	49.7	72.2	85.7	85.7	72.2	49.7	28.0	14.4	6.9	3.0	1.7			
-50		2.4	5.3	9.9	16.7	25.6	35.3	41.8	41.8	35.3	25.6	16.7	9.9	5.3	2.4				
-60	1.1	1.9	3.8	6.6	10.2	14.0	17.5	19.5	19.5	17.5	14.0	10.2	6.6	3.8	1.9	1.1			
-70		1.3	2.5	4.1	5.9	7.6	9.0	9.6	9.6	9.0	7.6	5.9	4.1	2.5	1.3				
-80																			
-90	0.3	2.4		5.6		9.2		7.9		9.2		5.6		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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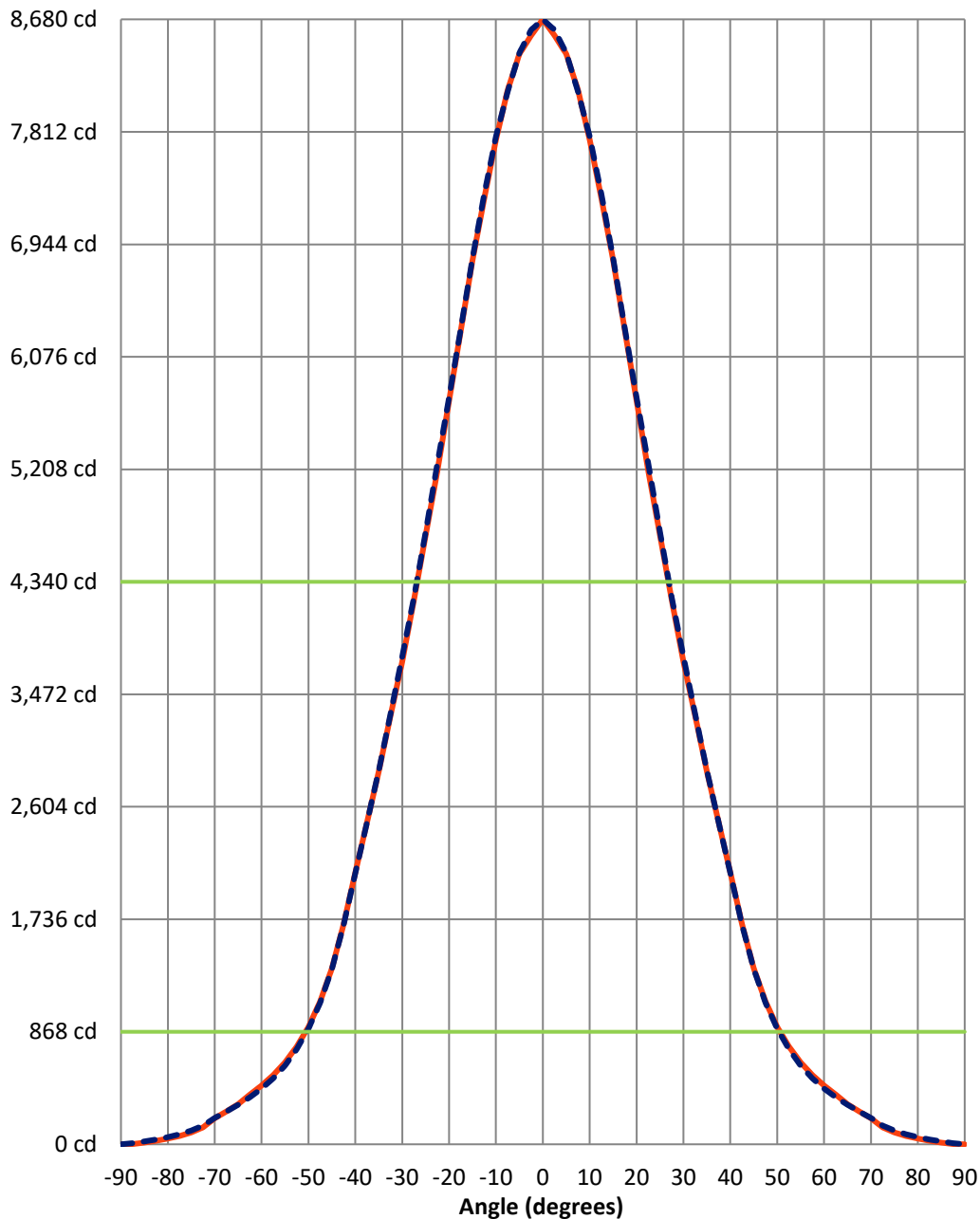
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 4224  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 7796.5  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 1037.7  
 Efficiency: 11.7%

— 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	0.4	1.0	1.7	2.4	3.2	4.1	4.6	4.9	5.2	5.5
85°	0.0	0.9	2.0	3.3	4.8	6.4	8.3	9.2	9.9	10.5	10.9
82.5°	0.0	1.3	3.0	5.0	7.2	9.6	12.3	13.7	15.1	17.5	19.6
80°	0.0	1.8	4.0	6.6	9.5	12.8	16.8	20.8	24.3	27.5	30.2
77.5°	0.0	2.2	5.0	8.2	11.8	16.6	23.9	29.2	33.5	37.4	41.3
75°	0.0	2.6	6.0	9.8	14.3	21.7	30.9	37.5	42.7	48.0	53.7
72.5°	0.0	3.0	6.9	11.4	17.8	26.7	37.6	45.6	51.9	58.7	66.0
70°	0.0	3.4	7.9	13.0	21.0	31.4	43.9	53.3	61.0	69.2	79.0
67.5°	0.0	3.8	8.8	15.0	24.2	35.9	49.5	60.8	69.9	80.1	91.8
65°	0.0	4.2	9.6	16.9	27.2	40.1	54.7	68.2	78.7	90.6	103.9
62.5°	0.0	4.6	10.5	18.7	30.0	43.9	59.7	75.2	87.1	100.7	115.2
60°	0.0	5.0	11.3	20.5	32.6	47.5	64.3	81.8	95.1	110.4	126.1
57.5°	0.0	5.3	12.2	22.1	35.1	50.8	68.5	87.8	103.3	119.8	136.2
55°	0.0	5.7	13.2	23.5	37.4	53.8	72.4	92.6	111.2	128.8	145.9
52.5°	0.0	6.0	14.1	24.9	39.5	56.6	76.0	97.8	118.8	137.4	155.3
50°	0.0	6.3	15.0	26.1	41.4	59.2	79.2	102.6	126.2	145.8	165.7
47.5°	0.0	6.6	15.8	27.2	43.1	61.6	82.2	107.1	133.5	153.9	175.8
45°	0.0	6.9	16.6	28.3	44.6	63.6	85.6	111.0	138.7	162.7	185.6
42.5°	0.0	7.1	17.3	29.3	45.8	65.4	88.6	114.9	143.5	171.2	195.8
40°	0.0	7.4	18.0	30.4	47.0	66.9	91.2	118.7	148.2	179.1	205.6
37.5°	0.0	7.6	18.6	31.5	48.1	68.2	93.5	122.2	153.4	185.3	214.9
35°	0.0	7.8	19.2	32.5	48.9	69.6	95.3	125.2	158.3	192.2	224.5
32.5°	0.0	8.0	19.8	33.4	49.6	70.9	97.0	127.9	163.0	199.1	234.3
30°	0.0	8.1	20.2	34.2	50.0	71.9	99.0	130.5	167.5	206.1	243.5
27.5°	0.0	8.3	20.7	34.9	51.1	72.6	100.5	133.7	172.1	213.2	252.1
25°	0.0	8.4	21.1	35.6	52.1	73.1	101.7	136.6	177.3	220.1	260.2
22.5°	0.0	8.5	21.4	36.1	53.0	73.7	102.6	139.2	182.3	226.4	269.0
20°	0.0	8.6	21.7	36.5	53.8	75.0	103.1	141.3	186.9	232.1	276.9
17.5°	0.0	8.6	21.9	36.9	54.4	76.1	104.2	143.0	191.2	237.2	283.8
15°	0.0	8.7	22.1	37.2	55.0	77.0	105.6	144.7	195.1	241.5	289.7
12.5°	0.0	8.7	22.3	37.3	55.3	77.6	106.6	146.2	198.4	245.1	294.7
10°	0.0	8.7	22.3	37.4	55.6	78.0	107.3	147.0	200.9	248.1	298.7
7.5°	0.0	8.7	22.4	37.4	55.7	78.1	107.5	147.2	202.7	250.4	301.8
5°	0.0	8.7	22.3	37.3	55.7	78.1	107.4	146.8	203.7	252.0	303.9
2.5°	0.0	8.7	22.2	37.1	55.5	77.8	106.9	145.8	203.9	252.8	304.9
0°	0.0	8.6	22.1	36.8	55.2	77.3	106.1	144.2	203.1	252.7	304.9
-2.5°	0.0	8.7	22.2	37.1	55.5	77.8	106.9	145.8	203.9	252.8	304.9
-5°	0.0	8.7	22.3	37.3	55.7	78.1	107.4	146.8	203.7	252.0	303.9
-7.5°	0.0	8.7	22.4	37.4	55.7	78.1	107.5	147.2	202.7	250.4	301.8
-10°	0.0	8.7	22.3	37.4	55.6	78.0	107.3	147.0	200.9	248.1	298.7
-12.5°	0.0	8.7	22.3	37.3	55.3	77.6	106.6	146.2	198.4	245.1	294.7
-15°	0.0	8.7	22.1	37.2	55.0	77.0	105.6	144.7	195.1	241.5	289.7
-17.5°	0.0	8.6	21.9	36.9	54.4	76.1	104.2	143.0	191.2	237.2	283.8
-20°	0.0	8.6	21.7	36.5	53.8	75.0	103.1	141.3	186.9	232.1	276.9

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CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.5	21.4	36.1	53.0	73.7	102.6	139.2	182.3	226.4	269.0
-25°	0.0	8.4	21.1	35.6	52.1	73.1	101.7	136.6	177.3	220.1	260.2
-27.5°	0.0	8.3	20.7	34.9	51.1	72.6	100.5	133.7	172.1	213.2	252.1
-30°	0.0	8.1	20.2	34.2	50.0	71.9	99.0	130.5	167.5	206.1	243.5
-32.5°	0.0	8.0	19.8	33.4	49.6	70.9	97.0	127.9	163.0	199.1	234.3
-35°	0.0	7.8	19.2	32.5	48.9	69.6	95.3	125.2	158.3	192.2	224.5
-37.5°	0.0	7.6	18.6	31.5	48.1	68.2	93.5	122.2	153.4	185.3	214.9
-40°	0.0	7.4	18.0	30.4	47.0	66.9	91.2	118.7	148.2	179.1	205.6
-42.5°	0.0	7.1	17.3	29.3	45.8	65.4	88.6	114.9	143.5	171.2	195.8
-45°	0.0	6.9	16.6	28.3	44.6	63.6	85.6	111.0	138.7	162.7	185.6
-47.5°	0.0	6.6	15.8	27.2	43.1	61.6	82.2	107.1	133.5	153.9	175.8
-50°	0.0	6.3	15.0	26.1	41.4	59.2	79.2	102.6	126.2	145.8	165.7
-52.5°	0.0	6.0	14.1	24.9	39.5	56.6	76.0	97.8	118.8	137.4	155.3
-55°	0.0	5.7	13.2	23.5	37.4	53.8	72.4	92.6	111.2	128.8	145.9
-57.5°	0.0	5.3	12.2	22.1	35.1	50.8	68.5	87.8	103.3	119.8	136.2
-60°	0.0	5.0	11.3	20.5	32.6	47.5	64.3	81.8	95.1	110.4	126.1
-62.5°	0.0	4.6	10.5	18.7	30.0	43.9	59.7	75.2	87.1	100.7	115.2
-65°	0.0	4.2	9.6	16.9	27.2	40.1	54.7	68.2	78.7	90.6	103.9
-67.5°	0.0	3.8	8.8	15.0	24.2	35.9	49.5	60.8	69.9	80.1	91.8
-70°	0.0	3.4	7.9	13.0	21.0	31.4	43.9	53.3	61.0	69.2	79.0
-72.5°	0.0	3.0	6.9	11.4	17.8	26.7	37.6	45.6	51.9	58.7	66.0
-75°	0.0	2.6	6.0	9.8	14.3	21.7	30.9	37.5	42.7	48.0	53.7
-77.5°	0.0	2.2	5.0	8.2	11.8	16.6	23.9	29.2	33.5	37.4	41.3
-80°	0.0	1.8	4.0	6.6	9.5	12.8	16.8	20.8	24.3	27.5	30.2
-82.5°	0.0	1.3	3.0	5.0	7.2	9.6	12.3	13.7	15.1	17.5	19.6
-85°	0.0	0.9	2.0	3.3	4.8	6.4	8.3	9.2	9.9	10.5	10.9
-87.5°	0.0	0.4	1.0	1.7	2.4	3.2	4.1	4.6	4.9	5.2	5.5
-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°	5.5	5.5	5.4	5.3	5.0	4.7	4.3	3.9	4.1	4.2	4.4
85°	11.1	11.1	12.0	12.8	13.2	13.3	13.0	12.4	14.1	15.9	17.9
82.5°	21.6	23.5	25.2	26.9	27.1	26.6	25.8	24.9	28.1	32.1	36.2
80°	33.1	35.8	39.0	42.0	42.7	42.4	41.5	40.0	44.3	50.4	57.0
77.5°	45.9	50.3	54.4	58.2	59.3	59.1	58.4	57.2	62.7	71.2	80.0
75°	59.5	64.8	70.1	74.7	76.7	76.8	76.6	77.9	85.1	95.0	103.8
72.5°	73.6	80.4	86.3	91.4	94.6	97.0	100.2	104.1	111.4	121.2	129.8
70°	88.5	96.0	102.3	107.9	112.8	118.1	124.9	131.6	139.3	149.0	158.0
67.5°	103.2	110.8	117.9	124.8	133.7	142.2	150.7	159.5	169.2	179.4	188.4
65°	116.9	125.5	134.1	144.2	155.7	165.3	175.8	187.2	199.9	211.4	221.9
62.5°	130.0	139.7	150.3	162.5	175.0	187.1	201.1	215.8	230.6	245.0	259.3
60°	141.1	153.1	166.1	179.8	194.3	210.7	227.1	244.5	262.3	279.6	297.3
57.5°	151.7	166.6	181.5	197.6	215.6	234.3	254.0	273.6	294.9	315.9	336.0
55°	162.7	180.3	197.3	216.3	236.9	258.9	281.1	305.0	328.4	354.9	379.4
52.5°	174.5	193.7	213.7	235.4	259.4	284.2	310.3	337.7	366.9	396.3	426.1
50°	186.0	207.6	229.9	255.8	282.7	311.1	341.2	373.1	407.1	441.1	477.2
47.5°	198.1	221.1	248.2	276.4	307.2	339.5	373.6	411.6	449.4	492.2	533.6
45°	209.9	236.4	265.8	298.6	332.4	368.8	409.4	451.0	499.3	547.7	602.1
42.5°	221.3	251.9	285.1	320.1	358.6	400.4	445.3	497.7	552.1	612.0	675.8
40°	234.4	266.6	304.0	343.2	385.0	432.7	486.7	544.8	611.2	682.2	754.7
37.5°	247.1	283.3	322.7	365.3	413.7	467.5	527.1	598.4	675.0	755.6	854.2
35°	259.0	299.1	342.0	388.6	441.0	503.4	574.6	653.5	741.7	845.7	960.8
32.5°	271.6	314.1	360.2	412.5	471.8	539.9	620.9	713.6	818.0	936.5	1080.5
30°	284.4	329.6	378.2	434.8	500.8	579.7	671.6	774.1	894.2	1042.9	1211.9
27.5°	296.1	344.0	397.3	458.5	529.1	616.3	720.4	840.6	982.1	1150.1	1347.5
25°	306.9	357.1	414.8	481.1	560.2	655.9	768.7	901.8	1070.0	1270.3	1513.2
22.5°	317.2	369.1	430.7	501.4	588.2	694.2	821.2	973.5	1159.4	1384.1	1675.5
20°	326.9	382.1	446.5	520.8	613.3	728.8	869.4	1040.4	1251.9	1518.0	1834.6
17.5°	335.4	393.5	461.4	541.7	641.2	763.9	914.9	1099.5	1334.3	1637.6	1981.5
15°	342.7	403.4	474.3	559.9	666.4	798.8	962.7	1164.3	1420.3	1746.3	2110.4
12.5°	348.8	411.6	485.1	575.2	687.5	828.3	1003.5	1222.0	1504.0	1848.7	2223.7
10°	353.7	418.3	493.8	587.5	704.5	852.3	1037.1	1269.2	1573.6	1936.5	2319.4
7.5°	357.7	423.4	500.5	596.9	717.4	870.6	1063.2	1305.6	1628.1	2006.0	2392.9
5°	360.6	427.1	505.6	603.4	726.8	883.4	1081.5	1331.1	1666.8	2056.3	2443.1
2.5°	362.3	429.1	508.5	606.9	732.6	890.6	1091.1	1347.1	1688.1	2085.1	2473.5
0°	362.6	429.4	509.2	607.3	734.3	892.0	1092.6	1352.1	1692.6	2092.5	2484.5
-2.5°	362.3	429.1	508.5	606.9	732.6	890.6	1091.1	1347.1	1688.1	2085.1	2473.5
-5°	360.6	427.1	505.6	603.4	726.8	883.4	1081.5	1331.1	1666.8	2056.3	2443.1
-7.5°	357.7	423.4	500.5	596.9	717.4	870.6	1063.2	1305.6	1628.1	2006.0	2392.9
-10°	353.7	418.3	493.8	587.5	704.5	852.3	1037.1	1269.2	1573.6	1936.5	2319.4
-12.5°	348.8	411.6	485.1	575.2	687.5	828.3	1003.5	1222.0	1504.0	1848.7	2223.7
-15°	342.7	403.4	474.3	559.9	666.4	798.8	962.7	1164.3	1420.3	1746.3	2110.4
-17.5°	335.4	393.5	461.4	541.7	641.2	763.9	914.9	1099.5	1334.3	1637.6	1981.5
-20°	326.9	382.1	446.5	520.8	613.3	728.8	869.4	1040.4	1251.9	1518.0	1834.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	317.2	369.1	430.7	501.4	588.2	694.2	821.2	973.5	1159.4	1384.1	1675.5
-25°	306.9	357.1	414.8	481.1	560.2	655.9	768.7	901.8	1070.0	1270.3	1513.2
-27.5°	296.1	344.0	397.3	458.5	529.1	616.3	720.4	840.6	982.1	1150.1	1347.5
-30°	284.4	329.6	378.2	434.8	500.8	579.7	671.6	774.1	894.2	1042.9	1211.9
-32.5°	271.6	314.1	360.2	412.5	471.8	539.9	620.9	713.6	818.0	936.5	1080.5
-35°	259.0	299.1	342.0	388.6	441.0	503.4	574.6	653.5	741.7	845.7	960.8
-37.5°	247.1	283.3	322.7	365.3	413.7	467.5	527.1	598.4	675.0	755.6	854.2
-40°	234.4	266.6	304.0	343.2	385.0	432.7	486.7	544.8	611.2	682.2	754.7
-42.5°	221.3	251.9	285.1	320.1	358.6	400.4	445.3	497.7	552.1	612.0	675.8
-45°	209.9	236.4	265.8	298.6	332.4	368.8	409.4	451.0	499.3	547.7	602.1
-47.5°	198.1	221.1	248.2	276.4	307.2	339.5	373.6	411.6	449.4	492.2	533.6
-50°	186.0	207.6	229.9	255.8	282.7	311.1	341.2	373.1	407.1	441.1	477.2
-52.5°	174.5	193.7	213.7	235.4	259.4	284.2	310.3	337.7	366.9	396.3	426.1
-55°	162.7	180.3	197.3	216.3	236.9	258.9	281.1	305.0	328.4	354.9	379.4
-57.5°	151.7	166.6	181.5	197.6	215.6	234.3	254.0	273.6	294.9	315.9	336.0
-60°	141.1	153.1	166.1	179.8	194.3	210.7	227.1	244.5	262.3	279.6	297.3
-62.5°	130.0	139.7	150.3	162.5	175.0	187.1	201.1	215.8	230.6	245.0	259.3
-65°	116.9	125.5	134.1	144.2	155.7	165.3	175.8	187.2	199.9	211.4	221.9
-67.5°	103.2	110.8	117.9	124.8	133.7	142.2	150.7	159.5	169.2	179.4	188.4
-70°	88.5	96.0	102.3	107.9	112.8	118.1	124.9	131.6	139.3	149.0	158.0
-72.5°	73.6	80.4	86.3	91.4	94.6	97.0	100.2	104.1	111.4	121.2	129.8
-75°	59.5	64.8	70.1	74.7	76.7	76.8	76.6	77.9	85.1	95.0	103.8
-77.5°	45.9	50.3	54.4	58.2	59.3	59.1	58.4	57.2	62.7	71.2	80.0
-80°	33.1	35.8	39.0	42.0	42.7	42.4	41.5	40.0	44.3	50.4	57.0
-82.5°	21.6	23.5	25.2	26.9	27.1	26.6	25.8	24.9	28.1	32.1	36.2
-85°	11.1	11.1	12.0	12.8	13.2	13.3	13.0	12.4	14.1	15.9	17.9
-87.5°	5.5	5.5	5.4	5.3	5.0	4.7	4.3	3.9	4.1	4.2	4.4
-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: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-WR-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°	4.5	4.4	4.2	4.1	3.9	3.8	3.8	3.7	3.6	3.3	3.1
85°	19.9	20.4	20.6	20.7	20.7	21.4	22.0	22.6	23.1	20.9	18.6
82.5°	40.5	42.4	44.1	45.8	47.4	48.5	49.4	50.0	50.5	45.7	40.3
80°	63.8	67.8	71.1	74.3	77.4	78.1	78.1	77.7	76.9	70.3	62.9
77.5°	88.8	94.0	98.2	102.3	106.4	107.9	108.6	109.1	109.5	101.4	91.4
75°	111.4	117.7	123.5	128.9	133.9	136.5	138.1	139.3	140.3	132.2	121.5
72.5°	137.2	143.8	150.1	156.1	161.4	164.9	167.2	169.1	170.5	165.9	159.2
70°	165.6	172.5	179.1	185.3	191.3	196.0	199.7	202.9	205.5	206.0	205.8
67.5°	197.1	205.2	213.1	219.9	227.0	233.6	239.5	244.3	248.2	250.8	252.2
65°	232.5	244.6	255.5	264.6	272.3	281.1	289.0	295.0	299.2	302.4	305.1
62.5°	274.2	288.9	301.3	313.5	326.1	338.3	346.0	353.7	361.1	368.2	374.3
60°	314.3	330.4	347.2	362.8	377.2	390.5	404.2	416.4	427.0	435.9	442.6
57.5°	357.1	376.7	395.8	415.5	434.2	451.6	468.5	484.2	497.7	509.1	518.4
55°	403.5	427.5	450.1	475.2	499.6	521.8	542.2	563.2	582.1	598.7	611.9
52.5°	453.5	484.7	514.7	544.2	575.7	604.2	629.7	658.8	684.6	705.9	722.5
50°	513.2	549.9	589.5	626.0	665.8	705.0	741.2	776.2	810.5	840.1	864.1
47.5°	581.2	626.4	675.4	723.8	773.2	826.9	874.7	919.2	967.1	1008.7	1042.1
45°	656.8	714.4	773.5	841.7	904.5	973.4	1037.1	1094.4	1162.3	1222.1	1270.3
42.5°	740.7	817.4	895.2	981.0	1064.3	1151.8	1244.6	1327.0	1417.1	1503.0	1572.4
40°	844.6	936.3	1040.5	1144.4	1263.9	1376.2	1511.6	1634.5	1746.2	1848.6	1932.5
37.5°	960.1	1078.2	1209.1	1344.4	1508.0	1668.3	1826.7	1976.2	2108.2	2220.3	2314.3
35°	1091.3	1241.3	1399.8	1597.4	1789.0	1981.1	2159.9	2323.3	2466.9	2593.4	2701.0
32.5°	1242.1	1422.2	1644.1	1866.0	2084.6	2296.0	2492.4	2670.7	2828.1	2970.1	3093.8
30°	1400.8	1646.4	1895.4	2138.9	2377.6	2609.2	2824.8	3021.1	3199.1	3357.1	3499.6
27.5°	1602.3	1874.5	2146.0	2408.5	2671.2	2924.6	3158.3	3376.4	3580.5	3759.2	3922.0
25°	1797.2	2097.9	2386.5	2672.7	2958.7	3230.8	3492.0	3738.4	3972.2	4177.3	4359.1
22.5°	1992.1	2306.8	2615.3	2923.0	3230.2	3533.5	3826.8	4109.1	4370.6	4604.1	4808.8
20°	2172.6	2501.6	2831.5	3163.2	3496.2	3828.2	4157.6	4475.3	4766.6	5036.2	5273.1
17.5°	2334.4	2684.4	3034.1	3388.9	3749.8	4110.3	4476.3	4832.4	5165.4	5472.2	5747.0
15°	2477.7	2842.9	3218.5	3601.4	3988.9	4380.5	4779.8	5178.2	5553.1	5901.5	6208.3
12.5°	2603.1	2982.7	3376.3	3783.2	4203.8	4630.4	5066.2	5502.9	5917.9	6320.1	6651.4
10°	2706.5	3101.6	3513.0	3940.5	4384.1	4843.2	5310.7	5780.8	6238.1	6664.8	7043.6
7.5°	2786.3	3196.2	3620.2	4064.8	4530.2	5014.3	5509.6	6008.4	6496.4	6956.2	7375.3
5°	2842.6	3265.1	3694.4	4156.9	4638.4	5140.2	5654.9	6174.8	6684.9	7168.3	7602.7
2.5°	2875.3	3306.4	3737.6	4212.8	4702.8	5216.3	5745.0	6273.4	6797.0	7298.4	7744.8
0°	2883.9	3318.9	3762.4	4218.8	4723.1	5251.9	5761.7	6291.7	6835.9	7330.3	7775.1
-2.5°	2875.3	3306.4	3737.6	4212.8	4702.8	5216.3	5745.0	6273.4	6797.0	7298.4	7744.8
-5°	2842.6	3265.1	3694.4	4156.9	4638.4	5140.2	5654.9	6174.8	6684.9	7168.3	7602.7
-7.5°	2786.3	3196.2	3620.2	4064.8	4530.2	5014.3	5509.6	6008.4	6496.4	6956.2	7375.3
-10°	2706.5	3101.6	3513.0	3940.5	4384.1	4843.2	5310.7	5780.8	6238.1	6664.8	7043.6
-12.5°	2603.1	2982.7	3376.3	3783.2	4203.8	4630.4	5066.2	5502.9	5917.9	6320.1	6651.4
-15°	2477.7	2842.9	3218.5	3601.4	3988.9	4380.5	4779.8	5178.2	5553.1	5901.5	6208.3
-17.5°	2334.4	2684.4	3034.1	3388.9	3749.8	4110.3	4476.3	4832.4	5165.4	5472.2	5747.0
-20°	2172.6	2501.6	2831.5	3163.2	3496.2	3828.2	4157.6	4475.3	4766.6	5036.2	5273.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1992.1	2306.8	2615.3	2923.0	3230.2	3533.5	3826.8	4109.1	4370.6	4604.1	4808.8
-25°	1797.2	2097.9	2386.5	2672.7	2958.7	3230.8	3492.0	3738.4	3972.2	4177.3	4359.1
-27.5°	1602.3	1874.5	2146.0	2408.5	2671.2	2924.6	3158.3	3376.4	3580.5	3759.2	3922.0
-30°	1400.8	1646.4	1895.4	2138.9	2377.6	2609.2	2824.8	3021.1	3199.1	3357.1	3499.6
-32.5°	1242.1	1422.2	1644.1	1866.0	2084.6	2296.0	2492.4	2670.7	2828.1	2970.1	3093.8
-35°	1091.3	1241.3	1399.8	1597.4	1789.0	1981.1	2159.9	2323.3	2466.9	2593.4	2701.0
-37.5°	960.1	1078.2	1209.1	1344.4	1508.0	1668.3	1826.7	1976.2	2108.2	2220.3	2314.3
-40°	844.6	936.3	1040.5	1144.4	1263.9	1376.2	1511.6	1634.5	1746.2	1848.6	1932.5
-42.5°	740.7	817.4	895.2	981.0	1064.3	1151.8	1244.6	1327.0	1417.1	1503.0	1572.4
-45°	656.8	714.4	773.5	841.7	904.5	973.4	1037.1	1094.4	1162.3	1222.1	1270.3
-47.5°	581.2	626.4	675.4	723.8	773.2	826.9	874.7	919.2	967.1	1008.7	1042.1
-50°	513.2	549.9	589.5	626.0	665.8	705.0	741.2	776.2	810.5	840.1	864.1
-52.5°	453.5	484.7	514.7	544.2	575.7	604.2	629.7	658.8	684.6	705.9	722.5
-55°	403.5	427.5	450.1	475.2	499.6	521.8	542.2	563.2	582.1	598.7	611.9
-57.5°	357.1	376.7	395.8	415.5	434.2	451.6	468.5	484.2	497.7	509.1	518.4
-60°	314.3	330.4	347.2	362.8	377.2	390.5	404.2	416.4	427.0	435.9	442.6
-62.5°	274.2	288.9	301.3	313.5	326.1	338.3	346.0	353.7	361.1	368.2	374.3
-65°	232.5	244.6	255.5	264.6	272.3	281.1	289.0	295.0	299.2	302.4	305.1
-67.5°	197.1	205.2	213.1	219.9	227.0	233.6	239.5	244.3	248.2	250.8	252.2
-70°	165.6	172.5	179.1	185.3	191.3	196.0	199.7	202.9	205.5	206.0	205.8
-72.5°	137.2	143.8	150.1	156.1	161.4	164.9	167.2	169.1	170.5	165.9	159.2
-75°	111.4	117.7	123.5	128.9	133.9	136.5	138.1	139.3	140.3	132.2	121.5
-77.5°	88.8	94.0	98.2	102.3	106.4	107.9	108.6	109.1	109.5	101.4	91.4
-80°	63.8	67.8	71.1	74.3	77.4	78.1	78.1	77.7	76.9	70.3	62.9
-82.5°	40.5	42.4	44.1	45.8	47.4	48.5	49.4	50.0	50.5	45.7	40.3
-85°	19.9	20.4	20.6	20.7	20.7	21.4	22.0	22.6	23.1	20.9	18.6
-87.5°	4.5	4.4	4.2	4.1	3.9	3.8	3.8	3.7	3.6	3.3	3.1
-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: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-WR-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°	2.8	2.5	2.1	1.8	2.1	2.5	2.8	3.1	3.3	3.6	3.7
85°	16.0	13.4	13.2	12.9	13.2	13.4	16.0	18.6	20.9	23.1	22.6
82.5°	34.6	28.7	27.9	27.0	27.9	28.7	34.6	40.3	45.7	50.5	50.0
80°	55.2	47.2	45.7	44.2	45.7	47.2	55.2	62.9	70.3	76.9	77.7
77.5°	80.9	70.0	66.8	63.8	66.8	70.0	80.9	91.4	101.4	109.5	109.1
75°	110.4	99.0	95.1	91.4	95.1	99.0	110.4	121.5	132.2	140.3	139.3
72.5°	152.5	145.5	138.4	130.7	138.4	145.5	152.5	159.2	165.9	170.5	169.1
70°	205.6	205.1	203.3	200.6	203.3	205.1	205.6	205.8	206.0	205.5	202.9
67.5°	252.9	252.6	253.3	253.4	253.3	252.6	252.9	252.2	250.8	248.2	244.3
65°	306.8	307.4	308.6	309.2	308.6	307.4	306.8	305.1	302.4	299.2	295.0
62.5°	378.9	382.1	383.6	383.4	383.6	382.1	378.9	374.3	368.2	361.1	353.7
60°	447.5	450.8	452.9	453.4	452.9	450.8	447.5	442.6	435.9	427.0	416.4
57.5°	525.8	531.1	533.9	534.3	533.9	531.1	525.8	518.4	509.1	497.7	484.2
55°	622.0	629.0	632.2	631.9	632.2	629.0	622.0	611.9	598.7	582.1	563.2
52.5°	735.0	743.6	750.1	754.0	750.1	743.6	735.0	722.5	705.9	684.6	658.8
50°	882.1	894.5	902.3	905.5	902.3	894.5	882.1	864.1	840.1	810.5	776.2
47.5°	1066.2	1082.5	1094.6	1103.0	1094.6	1082.5	1066.2	1042.1	1008.7	967.1	919.2
45°	1305.9	1330.8	1347.7	1357.6	1347.7	1330.8	1305.9	1270.3	1222.1	1162.3	1094.4
42.5°	1626.6	1665.3	1689.0	1698.1	1689.0	1665.3	1626.6	1572.4	1503.0	1417.1	1327.0
40°	1998.8	2045.3	2075.7	2096.8	2075.7	2045.3	1998.8	1932.5	1848.6	1746.2	1634.5
37.5°	2386.5	2435.3	2465.0	2485.2	2465.0	2435.3	2386.5	2314.3	2220.3	2108.2	1976.2
35°	2782.0	2833.1	2861.0	2876.6	2861.0	2833.1	2782.0	2701.0	2593.4	2466.9	2323.3
32.5°	3188.1	3244.4	3274.7	3306.0	3274.7	3244.4	3188.1	3093.8	2970.1	2828.1	2670.7
30°	3612.2	3676.8	3708.5	3723.8	3708.5	3676.8	3612.2	3499.6	3357.1	3199.1	3021.1
27.5°	4053.5	4134.0	4173.7	4199.8	4173.7	4134.0	4053.5	3922.0	3759.2	3580.5	3376.4
25°	4512.6	4612.4	4657.9	4698.6	4657.9	4612.4	4512.6	4359.1	4177.3	3972.2	3738.4
22.5°	4989.1	5113.3	5166.0	5194.8	5166.0	5113.3	4989.1	4808.8	4604.1	4370.6	4109.1
20°	5477.9	5626.4	5699.5	5737.2	5699.5	5626.4	5477.9	5273.1	5036.2	4766.6	4475.3
17.5°	5977.8	6162.5	6257.1	6278.8	6257.1	6162.5	5977.8	5747.0	5472.2	5165.4	4832.4
15°	6468.6	6668.3	6780.2	6821.2	6780.2	6668.3	6468.6	6208.3	5901.5	5553.1	5178.2
12.5°	6933.3	7140.4	7274.0	7297.8	7274.0	7140.4	6933.3	6651.4	6320.1	5917.9	5502.9
10°	7354.8	7569.3	7716.9	7750.6	7716.9	7569.3	7354.8	7043.6	6664.8	6238.1	5780.8
7.5°	7707.1	7942.6	8105.6	8134.0	8105.6	7942.6	7707.1	7375.3	6956.2	6496.4	6008.4
5°	7965.0	8244.5	8378.3	8411.9	8378.3	8244.5	7965.0	7602.7	7168.3	6684.9	6174.8
2.5°	8106.4	8390.9	8577.0	8555.4	8577.0	8390.9	8106.4	7744.8	7298.4	6797.0	6273.4
0°	8122.3	8419.9	8597.8	8680.0	8597.8	8419.9	8122.3	7775.1	7330.3	6835.9	6291.7
-2.5°	8106.4	8390.9	8577.0	8555.4	8577.0	8390.9	8106.4	7744.8	7298.4	6797.0	6273.4
-5°	7965.0	8244.5	8378.3	8411.9	8378.3	8244.5	7965.0	7602.7	7168.3	6684.9	6174.8
-7.5°	7707.1	7942.6	8105.6	8134.0	8105.6	7942.6	7707.1	7375.3	6956.2	6496.4	6008.4
-10°	7354.8	7569.3	7716.9	7750.6	7716.9	7569.3	7354.8	7043.6	6664.8	6238.1	5780.8
-12.5°	6933.3	7140.4	7274.0	7297.8	7274.0	7140.4	6933.3	6651.4	6320.1	5917.9	5502.9
-15°	6468.6	6668.3	6780.2	6821.2	6780.2	6668.3	6468.6	6208.3	5901.5	5553.1	5178.2
-17.5°	5977.8	6162.5	6257.1	6278.8	6257.1	6162.5	5977.8	5747.0	5472.2	5165.4	4832.4
-20°	5477.9	5626.4	5699.5	5737.2	5699.5	5626.4	5477.9	5273.1	5036.2	4766.6	4475.3



REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4989.1	5113.3	5166.0	5194.8	5166.0	5113.3	4989.1	4808.8	4604.1	4370.6	4109.1
-25°	4512.6	4612.4	4657.9	4698.6	4657.9	4612.4	4512.6	4359.1	4177.3	3972.2	3738.4
-27.5°	4053.5	4134.0	4173.7	4199.8	4173.7	4134.0	4053.5	3922.0	3759.2	3580.5	3376.4
-30°	3612.2	3676.8	3708.5	3723.8	3708.5	3676.8	3612.2	3499.6	3357.1	3199.1	3021.1
-32.5°	3188.1	3244.4	3274.7	3306.0	3274.7	3244.4	3188.1	3093.8	2970.1	2828.1	2670.7
-35°	2782.0	2833.1	2861.0	2876.6	2861.0	2833.1	2782.0	2701.0	2593.4	2466.9	2323.3
-37.5°	2386.5	2435.3	2465.0	2485.2	2465.0	2435.3	2386.5	2314.3	2220.3	2108.2	1976.2
-40°	1998.8	2045.3	2075.7	2096.8	2075.7	2045.3	1998.8	1932.5	1848.6	1746.2	1634.5
-42.5°	1626.6	1665.3	1689.0	1698.1	1689.0	1665.3	1626.6	1572.4	1503.0	1417.1	1327.0
-45°	1305.9	1330.8	1347.7	1357.6	1347.7	1330.8	1305.9	1270.3	1222.1	1162.3	1094.4
-47.5°	1066.2	1082.5	1094.6	1103.0	1094.6	1082.5	1066.2	1042.1	1008.7	967.1	919.2
-50°	882.1	894.5	902.3	905.5	902.3	894.5	882.1	864.1	840.1	810.5	776.2
-52.5°	735.0	743.6	750.1	754.0	750.1	743.6	735.0	722.5	705.9	684.6	658.8
-55°	622.0	629.0	632.2	631.9	632.2	629.0	622.0	611.9	598.7	582.1	563.2
-57.5°	525.8	531.1	533.9	534.3	533.9	531.1	525.8	518.4	509.1	497.7	484.2
-60°	447.5	450.8	452.9	453.4	452.9	450.8	447.5	442.6	435.9	427.0	416.4
-62.5°	378.9	382.1	383.6	383.4	383.6	382.1	378.9	374.3	368.2	361.1	353.7
-65°	306.8	307.4	308.6	309.2	308.6	307.4	306.8	305.1	302.4	299.2	295.0
-67.5°	252.9	252.6	253.3	253.4	253.3	252.6	252.9	252.2	250.8	248.2	244.3
-70°	205.6	205.1	203.3	200.6	203.3	205.1	205.6	205.8	206.0	205.5	202.9
-72.5°	152.5	145.5	138.4	130.7	138.4	145.5	152.5	159.2	165.9	170.5	169.1
-75°	110.4	99.0	95.1	91.4	95.1	99.0	110.4	121.5	132.2	140.3	139.3
-77.5°	80.9	70.0	66.8	63.8	66.8	70.0	80.9	91.4	101.4	109.5	109.1
-80°	55.2	47.2	45.7	44.2	45.7	47.2	55.2	62.9	70.3	76.9	77.7
-82.5°	34.6	28.7	27.9	27.0	27.9	28.7	34.6	40.3	45.7	50.5	50.0
-85°	16.0	13.4	13.2	12.9	13.2	13.4	16.0	18.6	20.9	23.1	22.6
-87.5°	2.8	2.5	2.1	1.8	2.1	2.5	2.8	3.1	3.3	3.6	3.7
-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: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-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°	3.8	3.8	3.9	4.1	4.2	4.4	4.5	4.4	4.2	4.1	3.9
85°	22.0	21.4	20.7	20.7	20.6	20.4	19.9	17.9	15.9	14.1	12.4
82.5°	49.4	48.5	47.4	45.8	44.1	42.4	40.5	36.2	32.1	28.1	24.9
80°	78.1	78.1	77.4	74.3	71.1	67.8	63.8	57.0	50.4	44.3	40.0
77.5°	108.6	107.9	106.4	102.3	98.2	94.0	88.8	80.0	71.2	62.7	57.2
75°	138.1	136.5	133.9	128.9	123.5	117.7	111.4	103.8	95.0	85.1	77.9
72.5°	167.2	164.9	161.4	156.1	150.1	143.8	137.2	129.8	121.2	111.4	104.1
70°	199.7	196.0	191.3	185.3	179.1	172.5	165.6	158.0	149.0	139.3	131.6
67.5°	239.5	233.6	227.0	219.9	213.1	205.2	197.1	188.4	179.4	169.2	159.5
65°	289.0	281.1	272.3	264.6	255.5	244.6	232.5	221.9	211.4	199.9	187.2
62.5°	346.0	338.3	326.1	313.5	301.3	288.9	274.2	259.3	245.0	230.6	215.8
60°	404.2	390.5	377.2	362.8	347.2	330.4	314.3	297.3	279.6	262.3	244.5
57.5°	468.5	451.6	434.2	415.5	395.8	376.7	357.1	336.0	315.9	294.9	273.6
55°	542.2	521.8	499.6	475.2	450.1	427.5	403.5	379.4	354.9	328.4	305.0
52.5°	629.7	604.2	575.7	544.2	514.7	484.7	453.5	426.1	396.3	366.9	337.7
50°	741.2	705.0	665.8	626.0	589.5	549.9	513.2	477.2	441.1	407.1	373.1
47.5°	874.7	826.9	773.2	723.8	675.4	626.4	581.2	533.6	492.2	449.4	411.6
45°	1037.1	973.4	904.5	841.7	773.5	714.4	656.8	602.1	547.7	499.3	451.0
42.5°	1244.6	1151.8	1064.3	981.0	895.2	817.4	740.7	675.8	612.0	552.1	497.7
40°	1511.6	1376.2	1263.9	1144.4	1040.5	936.3	844.6	754.7	682.2	611.2	544.8
37.5°	1826.7	1668.3	1508.0	1344.4	1209.1	1078.2	960.1	854.2	755.6	675.0	598.4
35°	2159.9	1981.1	1789.0	1597.4	1399.8	1241.3	1091.3	960.8	845.7	741.7	653.5
32.5°	2492.4	2296.0	2084.6	1866.0	1644.1	1422.2	1242.1	1080.5	936.5	818.0	713.6
30°	2824.8	2609.2	2377.6	2138.9	1895.4	1646.4	1400.8	1211.9	1042.9	894.2	774.1
27.5°	3158.3	2924.6	2671.2	2408.5	2146.0	1874.5	1602.3	1347.5	1150.1	982.1	840.6
25°	3492.0	3230.8	2958.7	2672.7	2386.5	2097.9	1797.2	1513.2	1270.3	1070.0	901.8
22.5°	3826.8	3533.5	3230.2	2923.0	2615.3	2306.8	1992.1	1675.5	1384.1	1159.4	973.5
20°	4157.6	3828.2	3496.2	3163.2	2831.5	2501.6	2172.6	1834.6	1518.0	1251.9	1040.4
17.5°	4476.3	4110.3	3749.8	3388.9	3034.1	2684.4	2334.4	1981.5	1637.6	1334.3	1099.5
15°	4779.8	4380.5	3988.9	3601.4	3218.5	2842.9	2477.7	2110.4	1746.3	1420.3	1164.3
12.5°	5066.2	4630.4	4203.8	3783.2	3376.3	2982.7	2603.1	2223.7	1848.7	1504.0	1222.0
10°	5310.7	4843.2	4384.1	3940.5	3513.0	3101.6	2706.5	2319.4	1936.5	1573.6	1269.2
7.5°	5509.6	5014.3	4530.2	4064.8	3620.2	3196.2	2786.3	2392.9	2006.0	1628.1	1305.6
5°	5654.9	5140.2	4638.4	4156.9	3694.4	3265.1	2842.6	2443.1	2056.3	1666.8	1331.1
2.5°	5745.0	5216.3	4702.8	4212.8	3737.6	3306.4	2875.3	2473.5	2085.1	1688.1	1347.1
0°	5761.7	5251.9	4723.1	4218.8	3762.4	3318.9	2883.9	2484.5	2092.5	1692.6	1352.1
-2.5°	5745.0	5216.3	4702.8	4212.8	3737.6	3306.4	2875.3	2473.5	2085.1	1688.1	1347.1
-5°	5654.9	5140.2	4638.4	4156.9	3694.4	3265.1	2842.6	2443.1	2056.3	1666.8	1331.1
-7.5°	5509.6	5014.3	4530.2	4064.8	3620.2	3196.2	2786.3	2392.9	2006.0	1628.1	1305.6
-10°	5310.7	4843.2	4384.1	3940.5	3513.0	3101.6	2706.5	2319.4	1936.5	1573.6	1269.2
-12.5°	5066.2	4630.4	4203.8	3783.2	3376.3	2982.7	2603.1	2223.7	1848.7	1504.0	1222.0
-15°	4779.8	4380.5	3988.9	3601.4	3218.5	2842.9	2477.7	2110.4	1746.3	1420.3	1164.3
-17.5°	4476.3	4110.3	3749.8	3388.9	3034.1	2684.4	2334.4	1981.5	1637.6	1334.3	1099.5
-20°	4157.6	3828.2	3496.2	3163.2	2831.5	2501.6	2172.6	1834.6	1518.0	1251.9	1040.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3826.8	3533.5	3230.2	2923.0	2615.3	2306.8	1992.1	1675.5	1384.1	1159.4	973.5
-25°	3492.0	3230.8	2958.7	2672.7	2386.5	2097.9	1797.2	1513.2	1270.3	1070.0	901.8
-27.5°	3158.3	2924.6	2671.2	2408.5	2146.0	1874.5	1602.3	1347.5	1150.1	982.1	840.6
-30°	2824.8	2609.2	2377.6	2138.9	1895.4	1646.4	1400.8	1211.9	1042.9	894.2	774.1
-32.5°	2492.4	2296.0	2084.6	1866.0	1644.1	1422.2	1242.1	1080.5	936.5	818.0	713.6
-35°	2159.9	1981.1	1789.0	1597.4	1399.8	1241.3	1091.3	960.8	845.7	741.7	653.5
-37.5°	1826.7	1668.3	1508.0	1344.4	1209.1	1078.2	960.1	854.2	755.6	675.0	598.4
-40°	1511.6	1376.2	1263.9	1144.4	1040.5	936.3	844.6	754.7	682.2	611.2	544.8
-42.5°	1244.6	1151.8	1064.3	981.0	895.2	817.4	740.7	675.8	612.0	552.1	497.7
-45°	1037.1	973.4	904.5	841.7	773.5	714.4	656.8	602.1	547.7	499.3	451.0
-47.5°	874.7	826.9	773.2	723.8	675.4	626.4	581.2	533.6	492.2	449.4	411.6
-50°	741.2	705.0	665.8	626.0	589.5	549.9	513.2	477.2	441.1	407.1	373.1
-52.5°	629.7	604.2	575.7	544.2	514.7	484.7	453.5	426.1	396.3	366.9	337.7
-55°	542.2	521.8	499.6	475.2	450.1	427.5	403.5	379.4	354.9	328.4	305.0
-57.5°	468.5	451.6	434.2	415.5	395.8	376.7	357.1	336.0	315.9	294.9	273.6
-60°	404.2	390.5	377.2	362.8	347.2	330.4	314.3	297.3	279.6	262.3	244.5
-62.5°	346.0	338.3	326.1	313.5	301.3	288.9	274.2	259.3	245.0	230.6	215.8
-65°	289.0	281.1	272.3	264.6	255.5	244.6	232.5	221.9	211.4	199.9	187.2
-67.5°	239.5	233.6	227.0	219.9	213.1	205.2	197.1	188.4	179.4	169.2	159.5
-70°	199.7	196.0	191.3	185.3	179.1	172.5	165.6	158.0	149.0	139.3	131.6
-72.5°	167.2	164.9	161.4	156.1	150.1	143.8	137.2	129.8	121.2	111.4	104.1
-75°	138.1	136.5	133.9	128.9	123.5	117.7	111.4	103.8	95.0	85.1	77.9
-77.5°	108.6	107.9	106.4	102.3	98.2	94.0	88.8	80.0	71.2	62.7	57.2
-80°	78.1	78.1	77.4	74.3	71.1	67.8	63.8	57.0	50.4	44.3	40.0
-82.5°	49.4	48.5	47.4	45.8	44.1	42.4	40.5	36.2	32.1	28.1	24.9
-85°	22.0	21.4	20.7	20.7	20.6	20.4	19.9	17.9	15.9	14.1	12.4
-87.5°	3.8	3.8	3.9	4.1	4.2	4.4	4.5	4.4	4.2	4.1	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-U-WR-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°	4.3	4.7	5.0	5.3	5.4	5.5	5.5	5.5	5.2	4.9	4.6
85°	13.0	13.3	13.2	12.8	12.0	11.1	11.1	10.9	10.5	9.9	9.2
82.5°	25.8	26.6	27.1	26.9	25.2	23.5	21.6	19.6	17.5	15.1	13.7
80°	41.5	42.4	42.7	42.0	39.0	35.8	33.1	30.2	27.5	24.3	20.8
77.5°	58.4	59.1	59.3	58.2	54.4	50.3	45.9	41.3	37.4	33.5	29.2
75°	76.6	76.8	76.7	74.7	70.1	64.8	59.5	53.7	48.0	42.7	37.5
72.5°	100.2	97.0	94.6	91.4	86.3	80.4	73.6	66.0	58.7	51.9	45.6
70°	124.9	118.1	112.8	107.9	102.3	96.0	88.5	79.0	69.2	61.0	53.3
67.5°	150.7	142.2	133.7	124.8	117.9	110.8	103.2	91.8	80.1	69.9	60.8
65°	175.8	165.3	155.7	144.2	134.1	125.5	116.9	103.9	90.6	78.7	68.2
62.5°	201.1	187.1	175.0	162.5	150.3	139.7	130.0	115.2	100.7	87.1	75.2
60°	227.1	210.7	194.3	179.8	166.1	153.1	141.1	126.1	110.4	95.1	81.8
57.5°	254.0	234.3	215.6	197.6	181.5	166.6	151.7	136.2	119.8	103.3	87.8
55°	281.1	258.9	236.9	216.3	197.3	180.3	162.7	145.9	128.8	111.2	92.6
52.5°	310.3	284.2	259.4	235.4	213.7	193.7	174.5	155.3	137.4	118.8	97.8
50°	341.2	311.1	282.7	255.8	229.9	207.6	186.0	165.7	145.8	126.2	102.6
47.5°	373.6	339.5	307.2	276.4	248.2	221.1	198.1	175.8	153.9	133.5	107.1
45°	409.4	368.8	332.4	298.6	265.8	236.4	209.9	185.6	162.7	138.7	111.0
42.5°	445.3	400.4	358.6	320.1	285.1	251.9	221.3	195.8	171.2	143.5	114.9
40°	486.7	432.7	385.0	343.2	304.0	266.6	234.4	205.6	179.1	148.2	118.7
37.5°	527.1	467.5	413.7	365.3	322.7	283.3	247.1	214.9	185.3	153.4	122.2
35°	574.6	503.4	441.0	388.6	342.0	299.1	259.0	224.5	192.2	158.3	125.2
32.5°	620.9	539.9	471.8	412.5	360.2	314.1	271.6	234.3	199.1	163.0	127.9
30°	671.6	579.7	500.8	434.8	378.2	329.6	284.4	243.5	206.1	167.5	130.5
27.5°	720.4	616.3	529.1	458.5	397.3	344.0	296.1	252.1	213.2	172.1	133.7
25°	768.7	655.9	560.2	481.1	414.8	357.1	306.9	260.2	220.1	177.3	136.6
22.5°	821.2	694.2	588.2	501.4	430.7	369.1	317.2	269.0	226.4	182.3	139.2
20°	869.4	728.8	613.3	520.8	446.5	382.1	326.9	276.9	232.1	186.9	141.3
17.5°	914.9	763.9	641.2	541.7	461.4	393.5	335.4	283.8	237.2	191.2	143.0
15°	962.7	798.8	666.4	559.9	474.3	403.4	342.7	289.7	241.5	195.1	144.7
12.5°	1003.5	828.3	687.5	575.2	485.1	411.6	348.8	294.7	245.1	198.4	146.2
10°	1037.1	852.3	704.5	587.5	493.8	418.3	353.7	298.7	248.1	200.9	147.0
7.5°	1063.2	870.6	717.4	596.9	500.5	423.4	357.7	301.8	250.4	202.7	147.2
5°	1081.5	883.4	726.8	603.4	505.6	427.1	360.6	303.9	252.0	203.7	146.8
2.5°	1091.1	890.6	732.6	606.9	508.5	429.1	362.3	304.9	252.8	203.9	145.8
0°	1092.6	892.0	734.3	607.3	509.2	429.4	362.6	304.9	252.7	203.1	144.2
-2.5°	1091.1	890.6	732.6	606.9	508.5	429.1	362.3	304.9	252.8	203.9	145.8
-5°	1081.5	883.4	726.8	603.4	505.6	427.1	360.6	303.9	252.0	203.7	146.8
-7.5°	1063.2	870.6	717.4	596.9	500.5	423.4	357.7	301.8	250.4	202.7	147.2
-10°	1037.1	852.3	704.5	587.5	493.8	418.3	353.7	298.7	248.1	200.9	147.0
-12.5°	1003.5	828.3	687.5	575.2	485.1	411.6	348.8	294.7	245.1	198.4	146.2
-15°	962.7	798.8	666.4	559.9	474.3	403.4	342.7	289.7	241.5	195.1	144.7
-17.5°	914.9	763.9	641.2	541.7	461.4	393.5	335.4	283.8	237.2	191.2	143.0
-20°	869.4	728.8	613.3	520.8	446.5	382.1	326.9	276.9	232.1	186.9	141.3

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

Scaled Data Report



REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	821.2	694.2	588.2	501.4	430.7	369.1	317.2	269.0	226.4	182.3	139.2
-25°	768.7	655.9	560.2	481.1	414.8	357.1	306.9	260.2	220.1	177.3	136.6
-27.5°	720.4	616.3	529.1	458.5	397.3	344.0	296.1	252.1	213.2	172.1	133.7
-30°	671.6	579.7	500.8	434.8	378.2	329.6	284.4	243.5	206.1	167.5	130.5
-32.5°	620.9	539.9	471.8	412.5	360.2	314.1	271.6	234.3	199.1	163.0	127.9
-35°	574.6	503.4	441.0	388.6	342.0	299.1	259.0	224.5	192.2	158.3	125.2
-37.5°	527.1	467.5	413.7	365.3	322.7	283.3	247.1	214.9	185.3	153.4	122.2
-40°	486.7	432.7	385.0	343.2	304.0	266.6	234.4	205.6	179.1	148.2	118.7
-42.5°	445.3	400.4	358.6	320.1	285.1	251.9	221.3	195.8	171.2	143.5	114.9
-45°	409.4	368.8	332.4	298.6	265.8	236.4	209.9	185.6	162.7	138.7	111.0
-47.5°	373.6	339.5	307.2	276.4	248.2	221.1	198.1	175.8	153.9	133.5	107.1
-50°	341.2	311.1	282.7	255.8	229.9	207.6	186.0	165.7	145.8	126.2	102.6
-52.5°	310.3	284.2	259.4	235.4	213.7	193.7	174.5	155.3	137.4	118.8	97.8
-55°	281.1	258.9	236.9	216.3	197.3	180.3	162.7	145.9	128.8	111.2	92.6
-57.5°	254.0	234.3	215.6	197.6	181.5	166.6	151.7	136.2	119.8	103.3	87.8
-60°	227.1	210.7	194.3	179.8	166.1	153.1	141.1	126.1	110.4	95.1	81.8
-62.5°	201.1	187.1	175.0	162.5	150.3	139.7	130.0	115.2	100.7	87.1	75.2
-65°	175.8	165.3	155.7	144.2	134.1	125.5	116.9	103.9	90.6	78.7	68.2
-67.5°	150.7	142.2	133.7	124.8	117.9	110.8	103.2	91.8	80.1	69.9	60.8
-70°	124.9	118.1	112.8	107.9	102.3	96.0	88.5	79.0	69.2	61.0	53.3
-72.5°	100.2	97.0	94.6	91.4	86.3	80.4	73.6	66.0	58.7	51.9	45.6
-75°	76.6	76.8	76.7	74.7	70.1	64.8	59.5	53.7	48.0	42.7	37.5
-77.5°	58.4	59.1	59.3	58.2	54.4	50.3	45.9	41.3	37.4	33.5	29.2
-80°	41.5	42.4	42.7	42.0	39.0	35.8	33.1	30.2	27.5	24.3	20.8
-82.5°	25.8	26.6	27.1	26.9	25.2	23.5	21.6	19.6	17.5	15.1	13.7
-85°	13.0	13.3	13.2	12.8	12.0	11.1	11.1	10.9	10.5	9.9	9.2
-87.5°	4.3	4.7	5.0	5.3	5.4	5.5	5.5	5.5	5.2	4.9	4.6
-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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REPORT NUMBER: P626853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-WR-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°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
85°	8.3	6.4	4.8	3.3	2.0	0.9	0.0
82.5°	12.3	9.6	7.2	5.0	3.0	1.3	0.0
80°	16.8	12.8	9.5	6.6	4.0	1.8	0.0
77.5°	23.9	16.6	11.8	8.2	5.0	2.2	0.0
75°	30.9	21.7	14.3	9.8	6.0	2.6	0.0
72.5°	37.6	26.7	17.8	11.4	6.9	3.0	0.0
70°	43.9	31.4	21.0	13.0	7.9	3.4	0.0
67.5°	49.5	35.9	24.2	15.0	8.8	3.8	0.0
65°	54.7	40.1	27.2	16.9	9.6	4.2	0.0
62.5°	59.7	43.9	30.0	18.7	10.5	4.6	0.0
60°	64.3	47.5	32.6	20.5	11.3	5.0	0.0
57.5°	68.5	50.8	35.1	22.1	12.2	5.3	0.0
55°	72.4	53.8	37.4	23.5	13.2	5.7	0.0
52.5°	76.0	56.6	39.5	24.9	14.1	6.0	0.0
50°	79.2	59.2	41.4	26.1	15.0	6.3	0.0
47.5°	82.2	61.6	43.1	27.2	15.8	6.6	0.0
45°	85.6	63.6	44.6	28.3	16.6	6.9	0.0
42.5°	88.6	65.4	45.8	29.3	17.3	7.1	0.0
40°	91.2	66.9	47.0	30.4	18.0	7.4	0.0
37.5°	93.5	68.2	48.1	31.5	18.6	7.6	0.0
35°	95.3	69.6	48.9	32.5	19.2	7.8	0.0
32.5°	97.0	70.9	49.6	33.4	19.8	8.0	0.0
30°	99.0	71.9	50.0	34.2	20.2	8.1	0.0
27.5°	100.5	72.6	51.1	34.9	20.7	8.3	0.0
25°	101.7	73.1	52.1	35.6	21.1	8.4	0.0
22.5°	102.6	73.7	53.0	36.1	21.4	8.5	0.0
20°	103.1	75.0	53.8	36.5	21.7	8.6	0.0
17.5°	104.2	76.1	54.4	36.9	21.9	8.6	0.0
15°	105.6	77.0	55.0	37.2	22.1	8.7	0.0
12.5°	106.6	77.6	55.3	37.3	22.3	8.7	0.0
10°	107.3	78.0	55.6	37.4	22.3	8.7	0.0
7.5°	107.5	78.1	55.7	37.4	22.4	8.7	0.0
5°	107.4	78.1	55.7	37.3	22.3	8.7	0.0
2.5°	106.9	77.8	55.5	37.1	22.2	8.7	0.0
0°	106.1	77.3	55.2	36.8	22.1	8.6	0.0
-2.5°	106.9	77.8	55.5	37.1	22.2	8.7	0.0
-5°	107.4	78.1	55.7	37.3	22.3	8.7	0.0
-7.5°	107.5	78.1	55.7	37.4	22.4	8.7	0.0
-10°	107.3	78.0	55.6	37.4	22.3	8.7	0.0
-12.5°	106.6	77.6	55.3	37.3	22.3	8.7	0.0
-15°	105.6	77.0	55.0	37.2	22.1	8.7	0.0
-17.5°	104.2	76.1	54.4	36.9	21.9	8.6	0.0
-20°	103.1	75.0	53.8	36.5	21.7	8.6	0.0

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CATALOG NUMBER: GFLD-SA2B-730-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.6	73.7	53.0	36.1	21.4	8.5	0.0
-25°	101.7	73.1	52.1	35.6	21.1	8.4	0.0
-27.5°	100.5	72.6	51.1	34.9	20.7	8.3	0.0
-30°	99.0	71.9	50.0	34.2	20.2	8.1	0.0
-32.5°	97.0	70.9	49.6	33.4	19.8	8.0	0.0
-35°	95.3	69.6	48.9	32.5	19.2	7.8	0.0
-37.5°	93.5	68.2	48.1	31.5	18.6	7.6	0.0
-40°	91.2	66.9	47.0	30.4	18.0	7.4	0.0
-42.5°	88.6	65.4	45.8	29.3	17.3	7.1	0.0
-45°	85.6	63.6	44.6	28.3	16.6	6.9	0.0
-47.5°	82.2	61.6	43.1	27.2	15.8	6.6	0.0
-50°	79.2	59.2	41.4	26.1	15.0	6.3	0.0
-52.5°	76.0	56.6	39.5	24.9	14.1	6.0	0.0
-55°	72.4	53.8	37.4	23.5	13.2	5.7	0.0
-57.5°	68.5	50.8	35.1	22.1	12.2	5.3	0.0
-60°	64.3	47.5	32.6	20.5	11.3	5.0	0.0
-62.5°	59.7	43.9	30.0	18.7	10.5	4.6	0.0
-65°	54.7	40.1	27.2	16.9	9.6	4.2	0.0
-67.5°	49.5	35.9	24.2	15.0	8.8	3.8	0.0
-70°	43.9	31.4	21.0	13.0	7.9	3.4	0.0
-72.5°	37.6	26.7	17.8	11.4	6.9	3.0	0.0
-75°	30.9	21.7	14.3	9.8	6.0	2.6	0.0
-77.5°	23.9	16.6	11.8	8.2	5.0	2.2	0.0
-80°	16.8	12.8	9.5	6.6	4.0	1.8	0.0
-82.5°	12.3	9.6	7.2	5.0	3.0	1.3	0.0
-85°	8.3	6.4	4.8	3.3	2.0	0.9	0.0
-87.5°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)