

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: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626933 (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-SA2C-740-U-WR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N53  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

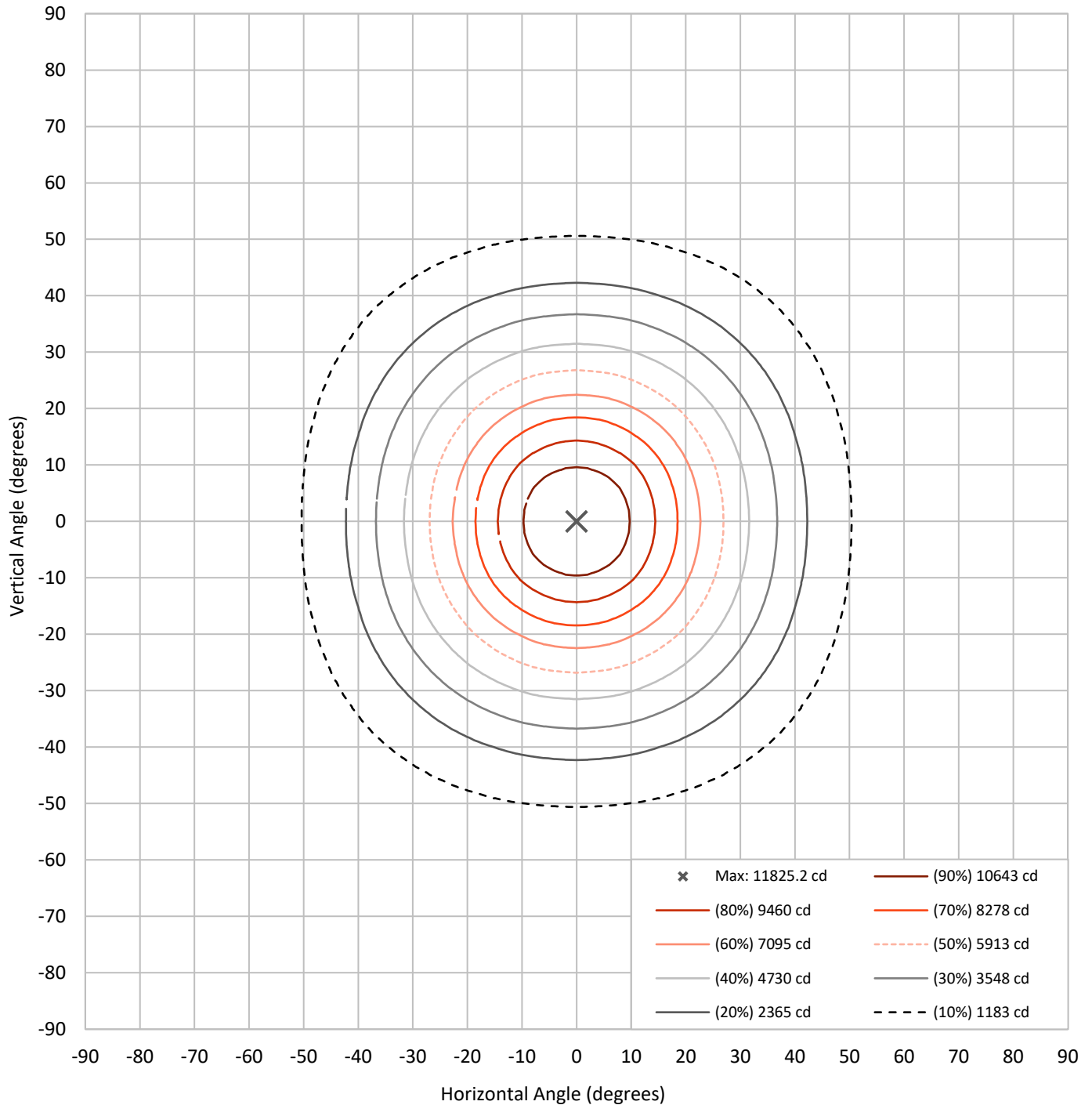
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12035.2 lumens	Max Intensity:	11825.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.7 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:	5754.5 lumens	Field Lumens:	10621.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	82.6		
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





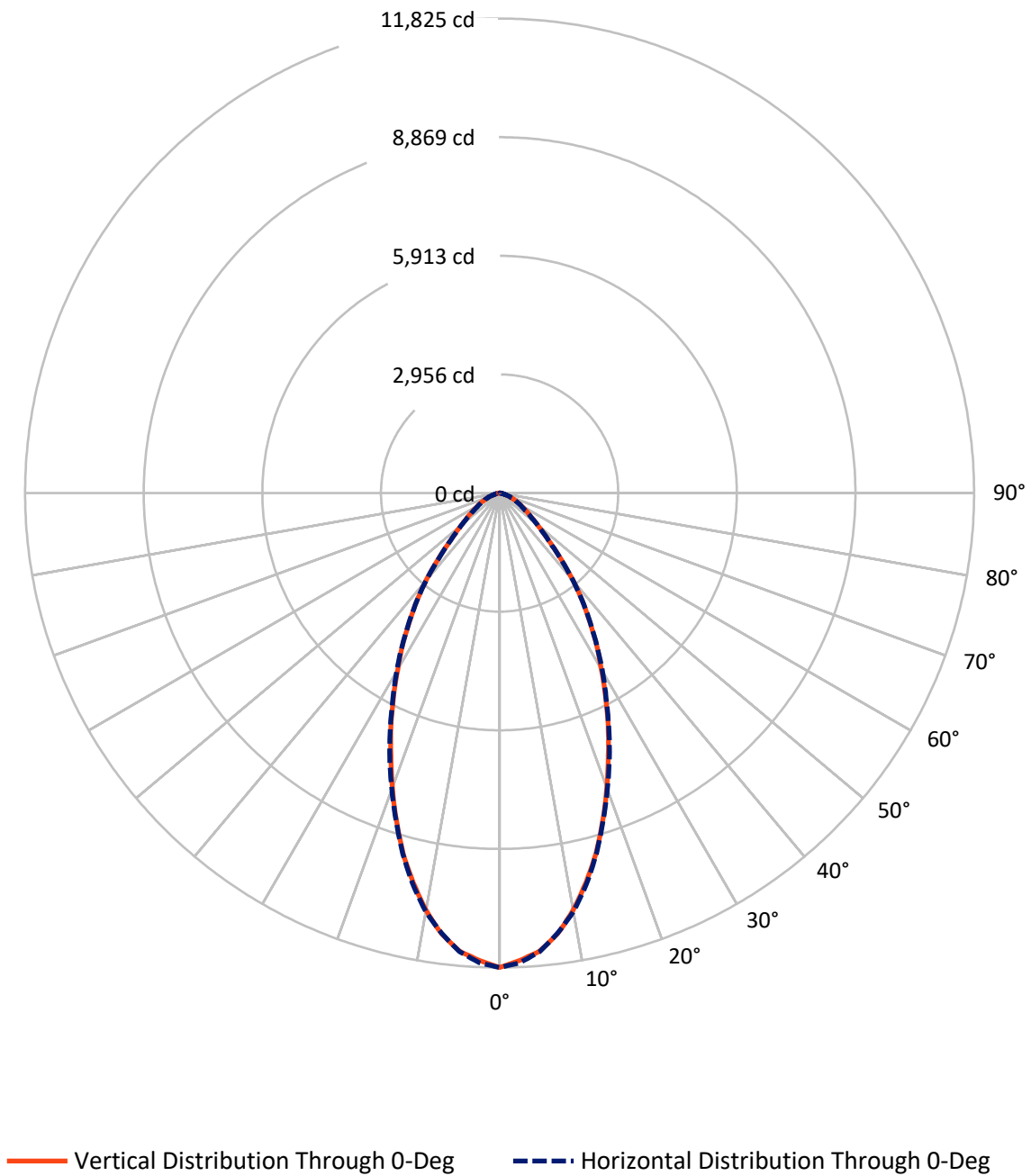
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### Lumen Table

90															90				
80	0.5	3.3		7.6		12.6		10.8		12.6		7.6		3.3		0.5			
70															70				
60	1.6	1.8	3.5	5.5	8.0	10.4	12.2	13.1	13.1	12.2	10.4	8.0	5.5	3.5	1.8	1.6			
50		2.6	5.2	9.0	13.9	19.1	23.8	26.5	26.5	23.8	19.1	13.9	9.0	5.2	2.6				
40	2.3	3.3	7.2	13.5	22.7	34.9	48.2	57.0	57.0	48.2	34.9	22.7	13.5	7.2	3.3	2.3			
30		4.0	9.4	19.6	38.1	67.7	98.4	116.7	116.7	98.4	67.7	38.1	19.6	9.4	4.0				
20	2.7	4.7	11.8	27.4	61.7	110.8	158.6	189.6	189.6	158.6	110.8	61.7	27.4	11.8	4.7	2.7			
10		5.2	13.8	35.6	84.2	149.7	221.0	271.9	271.9	221.0	149.7	84.2	35.6	13.8	5.2				
0	2.9	5.5	15.0	40.9	96.9	174.0	264.8	333.0	333.0	264.8	174.0	96.9	40.9	15.0	5.5	2.9			
-10		5.5	15.0	40.9	96.9	174.0	264.8	333.0	333.0	264.8	174.0	96.9	40.9	15.0	5.5				
-20	2.7	5.2	13.8	35.6	84.2	149.7	221.0	271.9	271.9	221.0	149.7	84.2	35.6	13.8	5.2	2.7			
-30		4.7	11.8	27.4	61.7	110.8	158.6	189.6	189.6	158.6	110.8	61.7	27.4	11.8	4.7				
-40	2.3	4.0	9.4	19.6	38.1	67.7	98.4	116.7	116.7	98.4	67.7	38.1	19.6	9.4	4.0	2.3			
-50		3.3	7.2	13.5	22.7	34.9	48.2	57.0	57.0	48.2	34.9	22.7	13.5	7.2	3.3				
-60	1.6	2.6	5.2	9.0	13.9	19.1	23.8	26.5	26.5	23.8	19.1	13.9	9.0	5.2	2.6	1.6			
-70		1.8	3.5	5.5	8.0	10.4	12.2	13.1	13.1	12.2	10.4	8.0	5.5	3.5	1.8				
-80															-80				
-90	0.5	3.3		7.6		12.6		10.8		12.6		7.6		3.3		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

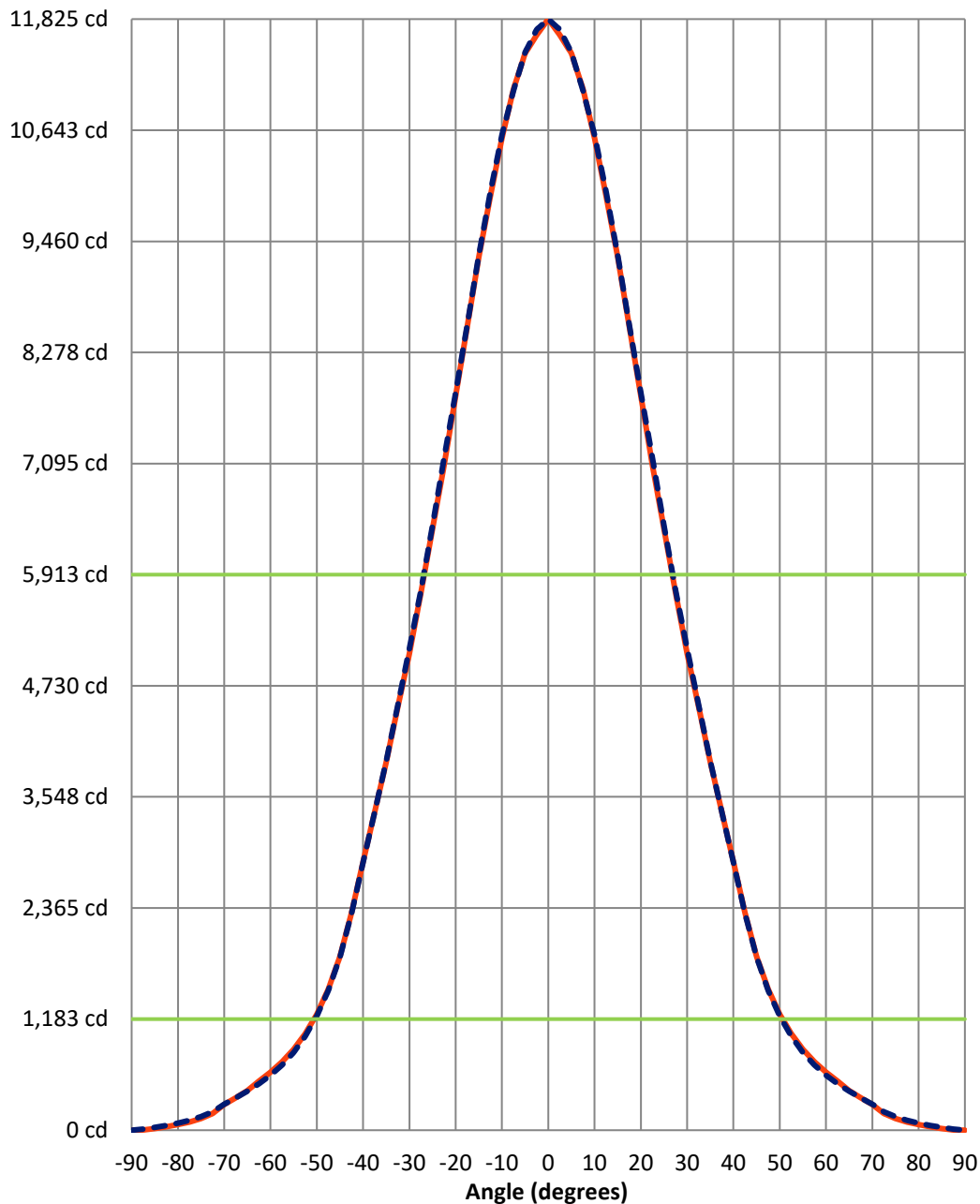
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 5754.5  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 10621.5  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 1413.7  
 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	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
85°	0.0	1.2	2.8	4.5	6.5	8.7	11.2	12.4	13.4	14.3	14.9
82.5°	0.0	1.8	4.1	6.8	9.7	13.1	16.7	18.7	20.6	23.9	26.8
80°	0.0	2.4	5.5	9.0	12.9	17.4	22.8	28.3	33.1	37.4	41.2
77.5°	0.0	3.0	6.8	11.2	16.1	22.6	32.5	39.7	45.6	51.0	56.3
75°	0.0	3.6	8.1	13.3	19.5	29.5	42.0	51.0	58.2	65.4	73.3
72.5°	0.0	4.1	9.4	15.4	24.1	36.3	51.1	62.1	70.8	80.0	89.9
70°	0.0	4.7	10.7	17.6	28.6	42.7	59.8	72.6	83.1	94.4	107.6
67.5°	0.0	5.2	11.9	20.4	32.9	48.9	67.4	82.9	95.2	109.2	125.0
65°	0.0	5.7	13.1	23.0	37.0	54.6	74.5	93.0	107.2	123.4	141.5
62.5°	0.0	6.3	14.2	25.5	40.8	59.8	81.3	102.5	118.6	137.1	156.9
60°	0.0	6.8	15.3	27.8	44.4	64.6	87.7	111.5	129.6	150.4	171.8
57.5°	0.0	7.2	16.6	30.0	47.8	69.2	93.4	119.6	140.6	163.2	185.6
55°	0.0	7.7	17.9	32.0	50.9	73.4	98.7	126.1	151.5	175.5	198.7
52.5°	0.0	8.1	19.2	33.9	53.7	77.2	103.5	133.2	161.9	187.2	211.6
50°	0.0	8.6	20.3	35.5	56.3	80.7	107.9	139.8	171.9	198.6	225.7
47.5°	0.0	8.9	21.5	37.0	58.7	83.9	112.0	145.9	181.8	209.7	239.5
45°	0.0	9.3	22.5	38.5	60.7	86.7	116.6	151.3	188.9	221.7	252.9
42.5°	0.0	9.7	23.5	39.9	62.5	89.1	120.7	156.6	195.4	233.2	266.7
40°	0.0	10.0	24.5	41.3	64.0	91.2	124.3	161.8	201.8	244.0	280.1
37.5°	0.0	10.3	25.3	42.8	65.5	92.9	127.3	166.4	208.9	252.5	292.8
35°	0.0	10.6	26.1	44.2	66.6	94.8	129.9	170.6	215.6	261.8	305.8
32.5°	0.0	10.8	26.9	45.4	67.5	96.6	132.2	174.2	222.1	271.3	319.2
30°	0.0	11.0	27.6	46.6	68.1	98.0	134.8	177.8	228.1	280.8	331.7
27.5°	0.0	11.2	28.2	47.5	69.6	99.0	136.9	182.2	234.5	290.4	343.5
25°	0.0	11.4	28.7	48.4	71.0	99.6	138.6	186.1	241.6	299.8	354.4
22.5°	0.0	11.6	29.2	49.1	72.2	100.4	139.8	189.6	248.3	308.5	366.4
20°	0.0	11.7	29.6	49.8	73.3	102.2	140.4	192.5	254.7	316.2	377.2
17.5°	0.0	11.8	29.9	50.2	74.2	103.7	142.0	194.9	260.5	323.1	386.6
15°	0.0	11.8	30.1	50.6	74.9	104.8	143.9	197.1	265.8	329.0	394.7
12.5°	0.0	11.9	30.3	50.8	75.4	105.7	145.3	199.2	270.2	333.9	401.5
10°	0.0	11.9	30.4	50.9	75.7	106.2	146.1	200.3	273.7	338.0	406.9
7.5°	0.0	11.9	30.4	50.9	75.9	106.5	146.5	200.5	276.1	341.2	411.2
5°	0.0	11.8	30.4	50.7	75.9	106.4	146.3	199.9	277.5	343.3	414.0
2.5°	0.0	11.8	30.3	50.5	75.6	106.0	145.7	198.5	277.6	344.4	415.4
0°	0.0	11.7	30.1	50.1	75.2	105.3	144.6	196.4	276.6	344.3	415.4
-2.5°	0.0	11.8	30.3	50.5	75.6	106.0	145.7	198.5	277.6	344.4	415.4
-5°	0.0	11.8	30.4	50.7	75.9	106.4	146.3	199.9	277.5	343.3	414.0
-7.5°	0.0	11.9	30.4	50.9	75.9	106.5	146.5	200.5	276.1	341.2	411.2
-10°	0.0	11.9	30.4	50.9	75.7	106.2	146.1	200.3	273.7	338.0	406.9
-12.5°	0.0	11.9	30.3	50.8	75.4	105.7	145.3	199.2	270.2	333.9	401.5
-15°	0.0	11.8	30.1	50.6	74.9	104.8	143.9	197.1	265.8	329.0	394.7
-17.5°	0.0	11.8	29.9	50.2	74.2	103.7	142.0	194.9	260.5	323.1	386.6
-20°	0.0	11.7	29.6	49.8	73.3	102.2	140.4	192.5	254.7	316.2	377.2

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CATALOG NUMBER: GFLD-SA2C-740-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	11.6	29.2	49.1	72.2	100.4	139.8	189.6	248.3	308.5	366.4
-25°	0.0	11.4	28.7	48.4	71.0	99.6	138.6	186.1	241.6	299.8	354.4
-27.5°	0.0	11.2	28.2	47.5	69.6	99.0	136.9	182.2	234.5	290.4	343.5
-30°	0.0	11.0	27.6	46.6	68.1	98.0	134.8	177.8	228.1	280.8	331.7
-32.5°	0.0	10.8	26.9	45.4	67.5	96.6	132.2	174.2	222.1	271.3	319.2
-35°	0.0	10.6	26.1	44.2	66.6	94.8	129.9	170.6	215.6	261.8	305.8
-37.5°	0.0	10.3	25.3	42.8	65.5	92.9	127.3	166.4	208.9	252.5	292.8
-40°	0.0	10.0	24.5	41.3	64.0	91.2	124.3	161.8	201.8	244.0	280.1
-42.5°	0.0	9.7	23.5	39.9	62.5	89.1	120.7	156.6	195.4	233.2	266.7
-45°	0.0	9.3	22.5	38.5	60.7	86.7	116.6	151.3	188.9	221.7	252.9
-47.5°	0.0	8.9	21.5	37.0	58.7	83.9	112.0	145.9	181.8	209.7	239.5
-50°	0.0	8.6	20.3	35.5	56.3	80.7	107.9	139.8	171.9	198.6	225.7
-52.5°	0.0	8.1	19.2	33.9	53.7	77.2	103.5	133.2	161.9	187.2	211.6
-55°	0.0	7.7	17.9	32.0	50.9	73.4	98.7	126.1	151.5	175.5	198.7
-57.5°	0.0	7.2	16.6	30.0	47.8	69.2	93.4	119.6	140.6	163.2	185.6
-60°	0.0	6.8	15.3	27.8	44.4	64.6	87.7	111.5	129.6	150.4	171.8
-62.5°	0.0	6.3	14.2	25.5	40.8	59.8	81.3	102.5	118.6	137.1	156.9
-65°	0.0	5.7	13.1	23.0	37.0	54.6	74.5	93.0	107.2	123.4	141.5
-67.5°	0.0	5.2	11.9	20.4	32.9	48.9	67.4	82.9	95.2	109.2	125.0
-70°	0.0	4.7	10.7	17.6	28.6	42.7	59.8	72.6	83.1	94.4	107.6
-72.5°	0.0	4.1	9.4	15.4	24.1	36.3	51.1	62.1	70.8	80.0	89.9
-75°	0.0	3.6	8.1	13.3	19.5	29.5	42.0	51.0	58.2	65.4	73.3
-77.5°	0.0	3.0	6.8	11.2	16.1	22.6	32.5	39.7	45.6	51.0	56.3
-80°	0.0	2.4	5.5	9.0	12.9	17.4	22.8	28.3	33.1	37.4	41.2
-82.5°	0.0	1.8	4.1	6.8	9.7	13.1	16.7	18.7	20.6	23.9	26.8
-85°	0.0	1.2	2.8	4.5	6.5	8.7	11.2	12.4	13.4	14.3	14.9
-87.5°	0.0	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
-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°	7.5	7.5	7.4	7.2	6.9	6.4	5.9	5.3	5.5	5.7	5.9
85°	15.1	15.1	16.3	17.5	18.0	18.1	17.7	16.9	19.1	21.7	24.3
82.5°	29.4	32.0	34.4	36.7	36.9	36.3	35.2	33.9	38.3	43.7	49.4
80°	45.1	48.9	53.2	57.3	58.2	57.8	56.5	54.5	60.4	68.7	77.7
77.5°	62.6	68.6	74.1	79.3	80.7	80.5	79.6	77.9	85.4	96.9	109.0
75°	81.1	88.3	95.5	101.7	104.4	104.6	104.3	106.1	116.0	129.5	141.4
72.5°	100.3	109.5	117.6	124.5	128.8	132.1	136.5	141.9	151.9	165.1	176.8
70°	120.6	130.8	139.3	147.0	153.7	160.9	170.2	179.3	189.8	203.1	215.2
67.5°	140.6	151.0	160.6	170.1	182.2	193.8	205.3	217.3	230.5	244.4	256.7
65°	159.2	171.0	182.7	196.5	212.2	225.3	239.5	255.1	272.4	288.1	302.3
62.5°	177.1	190.3	204.9	221.5	238.5	254.9	273.9	294.0	314.3	333.9	353.3
60°	192.2	208.6	226.3	245.0	264.6	287.0	309.3	333.2	357.4	381.0	405.1
57.5°	206.7	227.0	247.3	269.1	293.6	319.1	346.0	372.8	401.8	430.4	457.7
55°	221.7	245.7	268.8	294.7	322.7	352.7	383.0	415.5	447.5	483.5	516.8
52.5°	237.8	263.8	291.0	320.6	353.4	387.2	422.7	460.0	499.8	539.9	580.5
50°	253.4	282.8	313.1	348.5	385.1	423.8	464.8	508.3	554.6	601.0	650.1
47.5°	269.8	301.2	338.2	376.6	418.6	462.6	509.0	560.7	612.2	670.6	726.9
45°	286.0	322.1	362.2	406.8	452.9	502.5	557.7	614.5	680.2	746.1	820.2
42.5°	301.5	343.1	388.4	436.1	488.5	545.5	606.6	678.0	752.1	833.7	920.7
40°	319.3	363.2	414.2	467.6	524.4	589.5	663.0	742.3	832.7	929.4	1028.2
37.5°	336.6	385.9	439.7	497.6	563.5	636.9	718.0	815.2	919.5	1029.5	1163.8
35°	352.8	407.5	465.9	529.4	600.8	685.7	782.8	890.2	1010.5	1152.2	1309.0
32.5°	370.0	427.9	490.7	561.9	642.7	735.5	845.8	972.2	1114.5	1275.9	1472.1
30°	387.4	449.0	515.3	592.3	682.2	789.7	915.0	1054.7	1218.3	1420.8	1651.1
27.5°	403.4	468.7	541.3	624.6	720.7	839.6	981.4	1145.2	1338.0	1566.8	1835.8
25°	418.2	486.6	565.2	655.3	763.1	893.5	1047.3	1228.6	1457.7	1730.6	2061.5
22.5°	432.2	502.9	586.8	682.9	801.3	945.7	1118.8	1326.2	1579.5	1885.7	2282.6
20°	445.4	520.6	608.2	709.4	835.4	992.8	1184.5	1417.4	1705.6	2068.1	2499.4
17.5°	457.0	536.1	628.5	738.0	873.5	1040.7	1246.5	1497.8	1817.8	2231.0	2699.5
15°	466.9	549.5	646.1	762.7	907.8	1088.2	1311.5	1586.1	1934.9	2379.1	2875.1
12.5°	475.2	560.7	660.8	783.6	936.6	1128.5	1367.0	1664.7	2048.9	2518.6	3029.3
10°	481.8	569.7	672.7	800.4	959.8	1161.1	1412.8	1729.0	2143.8	2638.2	3159.8
7.5°	487.3	576.8	681.9	813.2	977.4	1186.1	1448.4	1778.7	2218.0	2732.9	3259.9
5°	491.3	581.8	688.8	822.1	990.3	1203.5	1473.4	1813.4	2270.8	2801.5	3328.4
2.5°	493.5	584.6	692.7	826.8	998.2	1213.3	1486.4	1835.2	2299.8	2840.7	3369.8
0°	493.9	585.0	693.7	827.4	1000.4	1215.2	1488.5	1842.0	2305.9	2850.8	3384.8
-2.5°	493.5	584.6	692.7	826.8	998.2	1213.3	1486.4	1835.2	2299.8	2840.7	3369.8
-5°	491.3	581.8	688.8	822.1	990.3	1203.5	1473.4	1813.4	2270.8	2801.5	3328.4
-7.5°	487.3	576.8	681.9	813.2	977.4	1186.1	1448.4	1778.7	2218.0	2732.9	3259.9
-10°	481.8	569.7	672.7	800.4	959.8	1161.1	1412.8	1729.0	2143.8	2638.2	3159.8
-12.5°	475.2	560.7	660.8	783.6	936.6	1128.5	1367.0	1664.7	2048.9	2518.6	3029.3
-15°	466.9	549.5	646.1	762.7	907.8	1088.2	1311.5	1586.1	1934.9	2379.1	2875.1
-17.5°	457.0	536.1	628.5	738.0	873.5	1040.7	1246.5	1497.8	1817.8	2231.0	2699.5
-20°	445.4	520.6	608.2	709.4	835.4	992.8	1184.5	1417.4	1705.6	2068.1	2499.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	432.2	502.9	586.8	682.9	801.3	945.7	1118.8	1326.2	1579.5	1885.7	2282.6
-25°	418.2	486.6	565.2	655.3	763.1	893.5	1047.3	1228.6	1457.7	1730.6	2061.5
-27.5°	403.4	468.7	541.3	624.6	720.7	839.6	981.4	1145.2	1338.0	1566.8	1835.8
-30°	387.4	449.0	515.3	592.3	682.2	789.7	915.0	1054.7	1218.3	1420.8	1651.1
-32.5°	370.0	427.9	490.7	561.9	642.7	735.5	845.8	972.2	1114.5	1275.9	1472.1
-35°	352.8	407.5	465.9	529.4	600.8	685.7	782.8	890.2	1010.5	1152.2	1309.0
-37.5°	336.6	385.9	439.7	497.6	563.5	636.9	718.0	815.2	919.5	1029.5	1163.8
-40°	319.3	363.2	414.2	467.6	524.4	589.5	663.0	742.3	832.7	929.4	1028.2
-42.5°	301.5	343.1	388.4	436.1	488.5	545.5	606.6	678.0	752.1	833.7	920.7
-45°	286.0	322.1	362.2	406.8	452.9	502.5	557.7	614.5	680.2	746.1	820.2
-47.5°	269.8	301.2	338.2	376.6	418.6	462.6	509.0	560.7	612.2	670.6	726.9
-50°	253.4	282.8	313.1	348.5	385.1	423.8	464.8	508.3	554.6	601.0	650.1
-52.5°	237.8	263.8	291.0	320.6	353.4	387.2	422.7	460.0	499.8	539.9	580.5
-55°	221.7	245.7	268.8	294.7	322.7	352.7	383.0	415.5	447.5	483.5	516.8
-57.5°	206.7	227.0	247.3	269.1	293.6	319.1	346.0	372.8	401.8	430.4	457.7
-60°	192.2	208.6	226.3	245.0	264.6	287.0	309.3	333.2	357.4	381.0	405.1
-62.5°	177.1	190.3	204.9	221.5	238.5	254.9	273.9	294.0	314.3	333.9	353.3
-65°	159.2	171.0	182.7	196.5	212.2	225.3	239.5	255.1	272.4	288.1	302.3
-67.5°	140.6	151.0	160.6	170.1	182.2	193.8	205.3	217.3	230.5	244.4	256.7
-70°	120.6	130.8	139.3	147.0	153.7	160.9	170.2	179.3	189.8	203.1	215.2
-72.5°	100.3	109.5	117.6	124.5	128.8	132.1	136.5	141.9	151.9	165.1	176.8
-75°	81.1	88.3	95.5	101.7	104.4	104.6	104.3	106.1	116.0	129.5	141.4
-77.5°	62.6	68.6	74.1	79.3	80.7	80.5	79.6	77.9	85.4	96.9	109.0
-80°	45.1	48.9	53.2	57.3	58.2	57.8	56.5	54.5	60.4	68.7	77.7
-82.5°	29.4	32.0	34.4	36.7	36.9	36.3	35.2	33.9	38.3	43.7	49.4
-85°	15.1	15.1	16.3	17.5	18.0	18.1	17.7	16.9	19.1	21.7	24.3
-87.5°	7.5	7.5	7.4	7.2	6.9	6.4	5.9	5.3	5.5	5.7	5.9
-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: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	6.1	6.0	5.8	5.6	5.3	5.2	5.1	5.0	4.8	4.5	4.1
85°	27.1	27.8	28.1	28.3	28.3	29.2	30.0	30.8	31.5	28.5	25.3
82.5°	55.3	57.9	60.1	62.4	64.6	66.2	67.3	68.2	68.7	62.2	54.9
80°	87.0	92.5	97.0	101.3	105.4	106.5	106.4	105.8	104.7	95.8	85.7
77.5°	121.0	128.1	133.8	139.4	144.9	147.0	147.9	148.7	149.2	138.2	124.6
75°	151.8	160.3	168.3	175.6	182.4	186.0	188.1	189.8	191.2	180.1	165.6
72.5°	187.0	196.0	204.6	212.7	219.9	224.7	227.8	230.4	232.4	226.1	217.0
70°	225.7	235.0	244.1	252.5	260.7	267.1	272.1	276.4	280.1	280.8	280.5
67.5°	268.6	279.6	290.3	299.6	309.2	318.3	326.3	332.9	338.2	341.7	343.6
65°	316.7	333.3	348.0	360.5	370.9	383.0	393.7	401.8	407.6	411.9	415.6
62.5°	373.5	393.6	410.4	427.0	444.2	460.9	471.3	481.8	492.0	501.7	509.9
60°	428.2	450.1	472.9	494.2	513.8	531.9	550.6	567.3	581.8	593.9	603.0
57.5°	486.4	513.2	539.1	566.1	591.4	615.1	638.2	659.6	678.1	693.6	706.3
55°	549.6	582.4	613.2	647.4	680.6	710.9	738.7	767.3	793.0	815.7	833.6
52.5°	617.8	660.4	701.2	741.3	784.3	823.1	857.9	897.5	932.6	961.6	984.2
50°	699.2	749.2	803.0	852.8	907.0	960.5	1009.8	1057.5	1104.2	1144.6	1177.2
47.5°	791.8	853.3	920.0	986.1	1053.4	1126.5	1191.7	1252.3	1317.5	1374.2	1419.6
45°	894.8	973.2	1053.8	1146.6	1232.2	1326.1	1412.9	1490.9	1583.4	1664.9	1730.6
42.5°	1009.0	1113.5	1219.5	1336.5	1449.9	1569.1	1695.6	1807.9	1930.6	2047.6	2142.2
40°	1150.7	1275.6	1417.5	1559.1	1722.0	1874.9	2059.3	2226.8	2378.9	2518.5	2632.8
37.5°	1308.0	1468.9	1647.2	1831.5	2054.4	2272.8	2488.6	2692.3	2872.2	3024.9	3153.0
35°	1486.7	1691.1	1907.0	2176.1	2437.2	2698.9	2942.6	3165.2	3360.8	3533.1	3679.7
32.5°	1692.2	1937.5	2239.7	2542.1	2839.9	3128.0	3395.5	3638.4	3852.9	4046.4	4214.9
30°	1908.3	2242.9	2582.2	2913.9	3239.1	3554.7	3848.3	4115.8	4358.3	4573.6	4767.7
27.5°	2182.8	2553.7	2923.6	3281.2	3639.0	3984.4	4302.6	4599.8	4877.9	5121.3	5343.2
25°	2448.4	2858.1	3251.3	3641.2	4030.8	4401.5	4757.4	5093.0	5411.5	5690.9	5938.6
22.5°	2713.9	3142.8	3563.0	3982.2	4400.6	4814.0	5213.5	5598.0	5954.3	6272.4	6551.2
20°	2959.8	3408.1	3857.5	4309.4	4763.0	5215.4	5664.2	6096.9	6493.8	6861.1	7183.8
17.5°	3180.3	3657.0	4133.5	4616.9	5108.6	5599.8	6098.3	6583.4	7037.1	7455.0	7829.4
15°	3375.5	3873.0	4384.7	4906.4	5434.4	5967.8	6511.7	7054.5	7565.3	8039.9	8457.9
12.5°	3546.3	4063.5	4599.7	5154.0	5727.1	6308.2	6901.9	7496.8	8062.3	8610.2	9061.5
10°	3687.1	4225.4	4785.9	5368.3	5972.7	6598.1	7235.1	7875.5	8498.5	9079.7	9595.8
7.5°	3795.9	4354.3	4931.9	5537.7	6171.7	6831.2	7506.0	8185.6	8850.4	9476.7	10047.7
5°	3872.6	4448.2	5033.0	5663.2	6319.2	7002.7	7703.9	8412.2	9107.2	9765.7	10357.5
2.5°	3917.1	4504.5	5091.9	5739.4	6407.0	7106.4	7826.7	8546.6	9259.9	9942.9	10551.1
0°	3928.9	4521.5	5125.7	5747.5	6434.5	7154.9	7849.5	8571.5	9312.9	9986.5	10592.4
-2.5°	3917.1	4504.5	5091.9	5739.4	6407.0	7106.4	7826.7	8546.6	9259.9	9942.9	10551.1
-5°	3872.6	4448.2	5033.0	5663.2	6319.2	7002.7	7703.9	8412.2	9107.2	9765.7	10357.5
-7.5°	3795.9	4354.3	4931.9	5537.7	6171.7	6831.2	7506.0	8185.6	8850.4	9476.7	10047.7
-10°	3687.1	4225.4	4785.9	5368.3	5972.7	6598.1	7235.1	7875.5	8498.5	9079.7	9595.8
-12.5°	3546.3	4063.5	4599.7	5154.0	5727.1	6308.2	6901.9	7496.8	8062.3	8610.2	9061.5
-15°	3375.5	3873.0	4384.7	4906.4	5434.4	5967.8	6511.7	7054.5	7565.3	8039.9	8457.9
-17.5°	3180.3	3657.0	4133.5	4616.9	5108.6	5599.8	6098.3	6583.4	7037.1	7455.0	7829.4
-20°	2959.8	3408.1	3857.5	4309.4	4763.0	5215.4	5664.2	6096.9	6493.8	6861.1	7183.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2713.9	3142.8	3563.0	3982.2	4400.6	4814.0	5213.5	5598.0	5954.3	6272.4	6551.2
-25°	2448.4	2858.1	3251.3	3641.2	4030.8	4401.5	4757.4	5093.0	5411.5	5690.9	5938.6
-27.5°	2182.8	2553.7	2923.6	3281.2	3639.0	3984.4	4302.6	4599.8	4877.9	5121.3	5343.2
-30°	1908.3	2242.9	2582.2	2913.9	3239.1	3554.7	3848.3	4115.8	4358.3	4573.6	4767.7
-32.5°	1692.2	1937.5	2239.7	2542.1	2839.9	3128.0	3395.5	3638.4	3852.9	4046.4	4214.9
-35°	1486.7	1691.1	1907.0	2176.1	2437.2	2698.9	2942.6	3165.2	3360.8	3533.1	3679.7
-37.5°	1308.0	1468.9	1647.2	1831.5	2054.4	2272.8	2488.6	2692.3	2872.2	3024.9	3153.0
-40°	1150.7	1275.6	1417.5	1559.1	1722.0	1874.9	2059.3	2226.8	2378.9	2518.5	2632.8
-42.5°	1009.0	1113.5	1219.5	1336.5	1449.9	1569.1	1695.6	1807.9	1930.6	2047.6	2142.2
-45°	894.8	973.2	1053.8	1146.6	1232.2	1326.1	1412.9	1490.9	1583.4	1664.9	1730.6
-47.5°	791.8	853.3	920.0	986.1	1053.4	1126.5	1191.7	1252.3	1317.5	1374.2	1419.6
-50°	699.2	749.2	803.0	852.8	907.0	960.5	1009.8	1057.5	1104.2	1144.6	1177.2
-52.5°	617.8	660.4	701.2	741.3	784.3	823.1	857.9	897.5	932.6	961.6	984.2
-55°	549.6	582.4	613.2	647.4	680.6	710.9	738.7	767.3	793.0	815.7	833.6
-57.5°	486.4	513.2	539.1	566.1	591.4	615.1	638.2	659.6	678.1	693.6	706.3
-60°	428.2	450.1	472.9	494.2	513.8	531.9	550.6	567.3	581.8	593.9	603.0
-62.5°	373.5	393.6	410.4	427.0	444.2	460.9	471.3	481.8	492.0	501.7	509.9
-65°	316.7	333.3	348.0	360.5	370.9	383.0	393.7	401.8	407.6	411.9	415.6
-67.5°	268.6	279.6	290.3	299.6	309.2	318.3	326.3	332.9	338.2	341.7	343.6
-70°	225.7	235.0	244.1	252.5	260.7	267.1	272.1	276.4	280.1	280.8	280.5
-72.5°	187.0	196.0	204.6	212.7	219.9	224.7	227.8	230.4	232.4	226.1	217.0
-75°	151.8	160.3	168.3	175.6	182.4	186.0	188.1	189.8	191.2	180.1	165.6
-77.5°	121.0	128.1	133.8	139.4	144.9	147.0	147.9	148.7	149.2	138.2	124.6
-80°	87.0	92.5	97.0	101.3	105.4	106.5	106.4	105.8	104.7	95.8	85.7
-82.5°	55.3	57.9	60.1	62.4	64.6	66.2	67.3	68.2	68.7	62.2	54.9
-85°	27.1	27.8	28.1	28.3	28.3	29.2	30.0	30.8	31.5	28.5	25.3
-87.5°	6.1	6.0	5.8	5.6	5.3	5.2	5.1	5.0	4.8	4.5	4.1
-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: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-740-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°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.1	4.5	4.8	5.0
85°	21.9	18.3	18.0	17.6	18.0	18.3	21.9	25.3	28.5	31.5	30.8
82.5°	47.2	39.2	38.0	36.8	38.0	39.2	47.2	54.9	62.2	68.7	68.2
80°	75.2	64.4	62.2	60.2	62.2	64.4	75.2	85.7	95.8	104.7	105.8
77.5°	110.3	95.4	91.1	86.9	91.1	95.4	110.3	124.6	138.2	149.2	148.7
75°	150.5	134.8	129.5	124.5	129.5	134.8	150.5	165.6	180.1	191.2	189.8
72.5°	207.7	198.2	188.5	178.0	188.5	198.2	207.7	217.0	226.1	232.4	230.4
70°	280.2	279.5	277.1	273.3	277.1	279.5	280.2	280.5	280.8	280.1	276.4
67.5°	344.4	344.2	345.0	345.2	345.0	344.2	344.4	343.6	341.7	338.2	332.9
65°	417.9	418.7	420.4	421.2	420.4	418.7	417.9	415.6	411.9	407.6	401.8
62.5°	516.3	520.5	522.6	522.3	522.6	520.5	516.3	509.9	501.7	492.0	481.8
60°	609.7	614.2	616.9	617.6	616.9	614.2	609.7	603.0	593.9	581.8	567.3
57.5°	716.3	723.5	727.4	727.9	727.4	723.5	716.3	706.3	693.6	678.1	659.6
55°	847.4	857.0	861.3	860.8	861.3	857.0	847.4	833.6	815.7	793.0	767.3
52.5°	1001.3	1013.1	1021.8	1027.1	1021.8	1013.1	1001.3	984.2	961.6	932.6	897.5
50°	1201.7	1218.5	1229.2	1233.6	1229.2	1218.5	1201.7	1177.2	1144.6	1104.2	1057.5
47.5°	1452.4	1474.7	1491.2	1502.7	1491.2	1474.7	1452.4	1419.6	1374.2	1317.5	1252.3
45°	1779.0	1813.0	1836.1	1849.5	1836.1	1813.0	1779.0	1730.6	1664.9	1583.4	1490.9
42.5°	2216.0	2268.7	2301.0	2313.4	2301.0	2268.7	2216.0	2142.2	2047.6	1930.6	1807.9
40°	2723.1	2786.4	2827.9	2856.6	2827.9	2786.4	2723.1	2632.8	2518.5	2378.9	2226.8
37.5°	3251.3	3317.7	3358.2	3385.7	3358.2	3317.7	3251.3	3153.0	3024.9	2872.2	2692.3
35°	3790.1	3859.7	3897.7	3918.9	3897.7	3859.7	3790.1	3679.7	3533.1	3360.8	3165.2
32.5°	4343.3	4420.0	4461.2	4503.9	4461.2	4420.0	4343.3	4214.9	4046.4	3852.9	3638.4
30°	4921.0	5009.0	5052.2	5073.1	5052.2	5009.0	4921.0	4767.7	4573.6	4358.3	4115.8
27.5°	5522.2	5631.9	5686.0	5721.6	5686.0	5631.9	5522.2	5343.2	5121.3	4877.9	4599.8
25°	6147.8	6283.8	6345.7	6401.1	6345.7	6283.8	6147.8	5938.6	5690.9	5411.5	5093.0
22.5°	6796.9	6966.2	7037.9	7077.2	7037.9	6966.2	6796.9	6551.2	6272.4	5954.3	5598.0
20°	7462.8	7665.2	7764.7	7816.0	7764.7	7665.2	7462.8	7183.8	6861.1	6493.8	6096.9
17.5°	8143.9	8395.5	8524.4	8554.0	8524.4	8395.5	8143.9	7829.4	7455.0	7037.1	6583.4
15°	8812.5	9084.6	9237.0	9292.8	9237.0	9084.6	8812.5	8457.9	8039.9	7565.3	7054.5
12.5°	9445.6	9727.7	9909.8	9942.2	9909.8	9727.7	9445.6	9061.5	8610.2	8062.3	7496.8
10°	10019.8	10312.1	10513.2	10559.0	10513.2	10312.1	10019.8	9595.8	9079.7	8498.5	7875.5
7.5°	10499.9	10820.5	11042.7	11081.3	11042.7	10820.5	10499.9	10047.7	9476.7	8850.4	8185.6
5°	10851.1	11231.8	11414.2	11459.9	11414.2	11231.8	10851.1	10357.5	9765.7	9107.2	8412.2
2.5°	11043.8	11431.3	11684.8	11655.5	11684.8	11431.3	11043.8	10551.1	9942.9	9259.9	8546.6
0°	11065.5	11470.8	11713.2	11825.2	11713.2	11470.8	11065.5	10592.4	9986.5	9312.9	8571.5
-2.5°	11043.8	11431.3	11684.8	11655.5	11684.8	11431.3	11043.8	10551.1	9942.9	9259.9	8546.6
-5°	10851.1	11231.8	11414.2	11459.9	11414.2	11231.8	10851.1	10357.5	9765.7	9107.2	8412.2
-7.5°	10499.9	10820.5	11042.7	11081.3	11042.7	10820.5	10499.9	10047.7	9476.7	8850.4	8185.6
-10°	10019.8	10312.1	10513.2	10559.0	10513.2	10312.1	10019.8	9595.8	9079.7	8498.5	7875.5
-12.5°	9445.6	9727.7	9909.8	9942.2	9909.8	9727.7	9445.6	9061.5	8610.2	8062.3	7496.8
-15°	8812.5	9084.6	9237.0	9292.8	9237.0	9084.6	8812.5	8457.9	8039.9	7565.3	7054.5
-17.5°	8143.9	8395.5	8524.4	8554.0	8524.4	8395.5	8143.9	7829.4	7455.0	7037.1	6583.4
-20°	7462.8	7665.2	7764.7	7816.0	7764.7	7665.2	7462.8	7183.8	6861.1	6493.8	6096.9



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-740-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°	6796.9	6966.2	7037.9	7077.2	7037.9	6966.2	6796.9	6551.2	6272.4	5954.3	5598.0
-25°	6147.8	6283.8	6345.7	6401.1	6345.7	6283.8	6147.8	5938.6	5690.9	5411.5	5093.0
-27.5°	5522.2	5631.9	5686.0	5721.6	5686.0	5631.9	5522.2	5343.2	5121.3	4877.9	4599.8
-30°	4921.0	5009.0	5052.2	5073.1	5052.2	5009.0	4921.0	4767.7	4573.6	4358.3	4115.8
-32.5°	4343.3	4420.0	4461.2	4503.9	4461.2	4420.0	4343.3	4214.9	4046.4	3852.9	3638.4
-35°	3790.1	3859.7	3897.7	3918.9	3897.7	3859.7	3790.1	3679.7	3533.1	3360.8	3165.2
-37.5°	3251.3	3317.7	3358.2	3385.7	3358.2	3317.7	3251.3	3153.0	3024.9	2872.2	2692.3
-40°	2723.1	2786.4	2827.9	2856.6	2827.9	2786.4	2723.1	2632.8	2518.5	2378.9	2226.8
-42.5°	2216.0	2268.7	2301.0	2313.4	2301.0	2268.7	2216.0	2142.2	2047.6	1930.6	1807.9
-45°	1779.0	1813.0	1836.1	1849.5	1836.1	1813.0	1779.0	1730.6	1664.9	1583.4	1490.9
-47.5°	1452.4	1474.7	1491.2	1502.7	1491.2	1474.7	1452.4	1419.6	1374.2	1317.5	1252.3
-50°	1201.7	1218.5	1229.2	1233.6	1229.2	1218.5	1201.7	1177.2	1144.6	1104.2	1057.5
-52.5°	1001.3	1013.1	1021.8	1027.1	1021.8	1013.1	1001.3	984.2	961.6	932.6	897.5
-55°	847.4	857.0	861.3	860.8	861.3	857.0	847.4	833.6	815.7	793.0	767.3
-57.5°	716.3	723.5	727.4	727.9	727.4	723.5	716.3	706.3	693.6	678.1	659.6
-60°	609.7	614.2	616.9	617.6	616.9	614.2	609.7	603.0	593.9	581.8	567.3
-62.5°	516.3	520.5	522.6	522.3	522.6	520.5	516.3	509.9	501.7	492.0	481.8
-65°	417.9	418.7	420.4	421.2	420.4	418.7	417.9	415.6	411.9	407.6	401.8
-67.5°	344.4	344.2	345.0	345.2	345.0	344.2	344.4	343.6	341.7	338.2	332.9
-70°	280.2	279.5	277.1	273.3	277.1	279.5	280.2	280.5	280.8	280.1	276.4
-72.5°	207.7	198.2	188.5	178.0	188.5	198.2	207.7	217.0	226.1	232.4	230.4
-75°	150.5	134.8	129.5	124.5	129.5	134.8	150.5	165.6	180.1	191.2	189.8
-77.5°	110.3	95.4	91.1	86.9	91.1	95.4	110.3	124.6	138.2	149.2	148.7
-80°	75.2	64.4	62.2	60.2	62.2	64.4	75.2	85.7	95.8	104.7	105.8
-82.5°	47.2	39.2	38.0	36.8	38.0	39.2	47.2	54.9	62.2	68.7	68.2
-85°	21.9	18.3	18.0	17.6	18.0	18.3	21.9	25.3	28.5	31.5	30.8
-87.5°	3.7	3.3	2.9	2.5	2.9	3.3	3.7	4.1	4.5	4.8	5.0
-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: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-740-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°	5.1	5.2	5.3	5.6	5.8	6.0	6.1	5.9	5.7	5.5	5.3
85°	30.0	29.2	28.3	28.3	28.1	27.8	27.1	24.3	21.7	19.1	16.9
82.5°	67.3	66.2	64.6	62.4	60.1	57.9	55.3	49.4	43.7	38.3	33.9
80°	106.4	106.5	105.4	101.3	97.0	92.5	87.0	77.7	68.7	60.4	54.5
77.5°	147.9	147.0	144.9	139.4	133.8	128.1	121.0	109.0	96.9	85.4	77.9
75°	188.1	186.0	182.4	175.6	168.3	160.3	151.8	141.4	129.5	116.0	106.1
72.5°	227.8	224.7	219.9	212.7	204.6	196.0	187.0	176.8	165.1	151.9	141.9
70°	272.1	267.1	260.7	252.5	244.1	235.0	225.7	215.2	203.1	189.8	179.3
67.5°	326.3	318.3	309.2	299.6	290.3	279.6	268.6	256.7	244.4	230.5	217.3
65°	393.7	383.0	370.9	360.5	348.0	333.3	316.7	302.3	288.1	272.4	255.1
62.5°	471.3	460.9	444.2	427.0	410.4	393.6	373.5	353.3	333.9	314.3	294.0
60°	550.6	531.9	513.8	494.2	472.9	450.1	428.2	405.1	381.0	357.4	333.2
57.5°	638.2	615.1	591.4	566.1	539.1	513.2	486.4	457.7	430.4	401.8	372.8
55°	738.7	710.9	680.6	647.4	613.2	582.4	549.6	516.8	483.5	447.5	415.5
52.5°	857.9	823.1	784.3	741.3	701.2	660.4	617.8	580.5	539.9	499.8	460.0
50°	1009.8	960.5	907.0	852.8	803.0	749.2	699.2	650.1	601.0	554.6	508.3
47.5°	1191.7	1126.5	1053.4	986.1	920.0	853.3	791.8	726.9	670.6	612.2	560.7
45°	1412.9	1326.1	1232.2	1146.6	1053.8	973.2	894.8	820.2	746.1	680.2	614.5
42.5°	1695.6	1569.1	1449.9	1336.5	1219.5	1113.5	1009.0	920.7	833.7	752.1	678.0
40°	2059.3	1874.9	1722.0	1559.1	1417.5	1275.6	1150.7	1028.2	929.4	832.7	742.3
37.5°	2488.6	2272.8	2054.4	1831.5	1647.2	1468.9	1308.0	1163.8	1029.5	919.5	815.2
35°	2942.6	2698.9	2437.2	2176.1	1907.0	1691.1	1486.7	1309.0	1152.2	1010.5	890.2
32.5°	3395.5	3128.0	2839.9	2542.1	2239.7	1937.5	1692.2	1472.1	1275.9	1114.5	972.2
30°	3848.3	3554.7	3239.1	2913.9	2582.2	2242.9	1908.3	1651.1	1420.8	1218.3	1054.7
27.5°	4302.6	3984.4	3639.0	3281.2	2923.6	2553.7	2182.8	1835.8	1566.8	1338.0	1145.2
25°	4757.4	4401.5	4030.8	3641.2	3251.3	2858.1	2448.4	2061.5	1730.6	1457.7	1228.6
22.5°	5213.5	4814.0	4400.6	3982.2	3563.0	3142.8	2713.9	2282.6	1885.7	1579.5	1326.2
20°	5664.2	5215.4	4763.0	4309.4	3857.5	3408.1	2959.8	2499.4	2068.1	1705.6	1417.4
17.5°	6098.3	5599.8	5108.6	4616.9	4133.5	3657.0	3180.3	2699.5	2231.0	1817.8	1497.8
15°	6511.7	5967.8	5434.4	4906.4	4384.7	3873.0	3375.5	2875.1	2379.1	1934.9	1586.1
12.5°	6901.9	6308.2	5727.1	5154.0	4599.7	4063.5	3546.3	3029.3	2518.6	2048.9	1664.7
10°	7235.1	6598.1	5972.7	5368.3	4785.9	4225.4	3687.1	3159.8	2638.2	2143.8	1729.0
7.5°	7506.0	6831.2	6171.7	5537.7	4931.9	4354.3	3795.9	3259.9	2732.9	2218.0	1778.7
5°	7703.9	7002.7	6319.2	5663.2	5033.0	4448.2	3872.6	3328.4	2801.5	2270.8	1813.4
2.5°	7826.7	7106.4	6407.0	5739.4	5091.9	4504.5	3917.1	3369.8	2840.7	2299.8	1835.2
0°	7849.5	7154.9	6434.5	5747.5	5125.7	4521.5	3928.9	3384.8	2850.8	2305.9	1842.0
-2.5°	7826.7	7106.4	6407.0	5739.4	5091.9	4504.5	3917.1	3369.8	2840.7	2299.8	1835.2
-5°	7703.9	7002.7	6319.2	5663.2	5033.0	4448.2	3872.6	3328.4	2801.5	2270.8	1813.4
-7.5°	7506.0	6831.2	6171.7	5537.7	4931.9	4354.3	3795.9	3259.9	2732.9	2218.0	1778.7
-10°	7235.1	6598.1	5972.7	5368.3	4785.9	4225.4	3687.1	3159.8	2638.2	2143.8	1729.0
-12.5°	6901.9	6308.2	5727.1	5154.0	4599.7	4063.5	3546.3	3029.3	2518.6	2048.9	1664.7
-15°	6511.7	5967.8	5434.4	4906.4	4384.7	3873.0	3375.5	2875.1	2379.1	1934.9	1586.1
-17.5°	6098.3	5599.8	5108.6	4616.9	4133.5	3657.0	3180.3	2699.5	2231.0	1817.8	1497.8
-20°	5664.2	5215.4	4763.0	4309.4	3857.5	3408.1	2959.8	2499.4	2068.1	1705.6	1417.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5213.5	4814.0	4400.6	3982.2	3563.0	3142.8	2713.9	2282.6	1885.7	1579.5	1326.2
-25°	4757.4	4401.5	4030.8	3641.2	3251.3	2858.1	2448.4	2061.5	1730.6	1457.7	1228.6
-27.5°	4302.6	3984.4	3639.0	3281.2	2923.6	2553.7	2182.8	1835.8	1566.8	1338.0	1145.2
-30°	3848.3	3554.7	3239.1	2913.9	2582.2	2242.9	1908.3	1651.1	1420.8	1218.3	1054.7
-32.5°	3395.5	3128.0	2839.9	2542.1	2239.7	1937.5	1692.2	1472.1	1275.9	1114.5	972.2
-35°	2942.6	2698.9	2437.2	2176.1	1907.0	1691.1	1486.7	1309.0	1152.2	1010.5	890.2
-37.5°	2488.6	2272.8	2054.4	1831.5	1647.2	1468.9	1308.0	1163.8	1029.5	919.5	815.2
-40°	2059.3	1874.9	1722.0	1559.1	1417.5	1275.6	1150.7	1028.2	929.4	832.7	742.3
-42.5°	1695.6	1569.1	1449.9	1336.5	1219.5	1113.5	1009.0	920.7	833.7	752.1	678.0
-45°	1412.9	1326.1	1232.2	1146.6	1053.8	973.2	894.8	820.2	746.1	680.2	614.5
-47.5°	1191.7	1126.5	1053.4	986.1	920.0	853.3	791.8	726.9	670.6	612.2	560.7
-50°	1009.8	960.5	907.0	852.8	803.0	749.2	699.2	650.1	601.0	554.6	508.3
-52.5°	857.9	823.1	784.3	741.3	701.2	660.4	617.8	580.5	539.9	499.8	460.0
-55°	738.7	710.9	680.6	647.4	613.2	582.4	549.6	516.8	483.5	447.5	415.5
-57.5°	638.2	615.1	591.4	566.1	539.1	513.2	486.4	457.7	430.4	401.8	372.8
-60°	550.6	531.9	513.8	494.2	472.9	450.1	428.2	405.1	381.0	357.4	333.2
-62.5°	471.3	460.9	444.2	427.0	410.4	393.6	373.5	353.3	333.9	314.3	294.0
-65°	393.7	383.0	370.9	360.5	348.0	333.3	316.7	302.3	288.1	272.4	255.1
-67.5°	326.3	318.3	309.2	299.6	290.3	279.6	268.6	256.7	244.4	230.5	217.3
-70°	272.1	267.1	260.7	252.5	244.1	235.0	225.7	215.2	203.1	189.8	179.3
-72.5°	227.8	224.7	219.9	212.7	204.6	196.0	187.0	176.8	165.1	151.9	141.9
-75°	188.1	186.0	182.4	175.6	168.3	160.3	151.8	141.4	129.5	116.0	106.1
-77.5°	147.9	147.0	144.9	139.4	133.8	128.1	121.0	109.0	96.9	85.4	77.9
-80°	106.4	106.5	105.4	101.3	97.0	92.5	87.0	77.7	68.7	60.4	54.5
-82.5°	67.3	66.2	64.6	62.4	60.1	57.9	55.3	49.4	43.7	38.3	33.9
-85°	30.0	29.2	28.3	28.3	28.1	27.8	27.1	24.3	21.7	19.1	16.9
-87.5°	5.1	5.2	5.3	5.6	5.8	6.0	6.1	5.9	5.7	5.5	5.3
-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: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	5.9	6.4	6.9	7.2	7.4	7.5	7.5	7.4	7.1	6.7	6.2
85°	17.7	18.1	18.0	17.5	16.3	15.1	15.1	14.9	14.3	13.4	12.4
82.5°	35.2	36.3	36.9	36.7	34.4	32.0	29.4	26.8	23.9	20.6	18.7
80°	56.5	57.8	58.2	57.3	53.2	48.9	45.1	41.2	37.4	33.1	28.3
77.5°	79.6	80.5	80.7	79.3	74.1	68.6	62.6	56.3	51.0	45.6	39.7
75°	104.3	104.6	104.4	101.7	95.5	88.3	81.1	73.3	65.4	58.2	51.0
72.5°	136.5	132.1	128.8	124.5	117.6	109.5	100.3	89.9	80.0	70.8	62.1
70°	170.2	160.9	153.7	147.0	139.3	130.8	120.6	107.6	94.4	83.1	72.6
67.5°	205.3	193.8	182.2	170.1	160.6	151.0	140.6	125.0	109.2	95.2	82.9
65°	239.5	225.3	212.2	196.5	182.7	171.0	159.2	141.5	123.4	107.2	93.0
62.5°	273.9	254.9	238.5	221.5	204.9	190.3	177.1	156.9	137.1	118.6	102.5
60°	309.3	287.0	264.6	245.0	226.3	208.6	192.2	171.8	150.4	129.6	111.5
57.5°	346.0	319.1	293.6	269.1	247.3	227.0	206.7	185.6	163.2	140.6	119.6
55°	383.0	352.7	322.7	294.7	268.8	245.7	221.7	198.7	175.5	151.5	126.1
52.5°	422.7	387.2	353.4	320.6	291.0	263.8	237.8	211.6	187.2	161.9	133.2
50°	464.8	423.8	385.1	348.5	313.1	282.8	253.4	225.7	198.6	171.9	139.8
47.5°	509.0	462.6	418.6	376.6	338.2	301.2	269.8	239.5	209.7	181.8	145.9
45°	557.7	502.5	452.9	406.8	362.2	322.1	286.0	252.9	221.7	188.9	151.3
42.5°	606.6	545.5	488.5	436.1	388.4	343.1	301.5	266.7	233.2	195.4	156.6
40°	663.0	589.5	524.4	467.6	414.2	363.2	319.3	280.1	244.0	201.8	161.8
37.5°	718.0	636.9	563.5	497.6	439.7	385.9	336.6	292.8	252.5	208.9	166.4
35°	782.8	685.7	600.8	529.4	465.9	407.5	352.8	305.8	261.8	215.6	170.6
32.5°	845.8	735.5	642.7	561.9	490.7	427.9	370.0	319.2	271.3	222.1	174.2
30°	915.0	789.7	682.2	592.3	515.3	449.0	387.4	331.7	280.8	228.1	177.8
27.5°	981.4	839.6	720.7	624.6	541.3	468.7	403.4	343.5	290.4	234.5	182.2
25°	1047.3	893.5	763.1	655.3	565.2	486.6	418.2	354.4	299.8	241.6	186.1
22.5°	1118.8	945.7	801.3	682.9	586.8	502.9	432.2	366.4	308.5	248.3	189.6
20°	1184.5	992.8	835.4	709.4	608.2	520.6	445.4	377.2	316.2	254.7	192.5
17.5°	1246.5	1040.7	873.5	738.0	628.5	536.1	457.0	386.6	323.1	260.5	194.9
15°	1311.5	1088.2	907.8	762.7	646.1	549.5	466.9	394.7	329.0	265.8	197.1
12.5°	1367.0	1128.5	936.6	783.6	660.8	560.7	475.2	401.5	333.9	270.2	199.2
10°	1412.8	1161.1	959.8	800.4	672.7	569.7	481.8	406.9	338.0	273.7	200.3
7.5°	1448.4	1186.1	977.4	813.2	681.9	576.8	487.3	411.2	341.2	276.1	200.5
5°	1473.4	1203.5	990.3	822.1	688.8	581.8	491.3	414.0	343.3	277.5	199.9
2.5°	1486.4	1213.3	998.2	826.8	692.7	584.6	493.5	415.4	344.4	277.6	198.5
0°	1488.5	1215.2	1000.4	827.4	693.7	585.0	493.9	415.4	344.3	276.6	196.4
-2.5°	1486.4	1213.3	998.2	826.8	692.7	584.6	493.5	415.4	344.4	277.6	198.5
-5°	1473.4	1203.5	990.3	822.1	688.8	581.8	491.3	414.0	343.3	277.5	199.9
-7.5°	1448.4	1186.1	977.4	813.2	681.9	576.8	487.3	411.2	341.2	276.1	200.5
-10°	1412.8	1161.1	959.8	800.4	672.7	569.7	481.8	406.9	338.0	273.7	200.3
-12.5°	1367.0	1128.5	936.6	783.6	660.8	560.7	475.2	401.5	333.9	270.2	199.2
-15°	1311.5	1088.2	907.8	762.7	646.1	549.5	466.9	394.7	329.0	265.8	197.1
-17.5°	1246.5	1040.7	873.5	738.0	628.5	536.1	457.0	386.6	323.1	260.5	194.9
-20°	1184.5	992.8	835.4	709.4	608.2	520.6	445.4	377.2	316.2	254.7	192.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	1118.8	945.7	801.3	682.9	586.8	502.9	432.2	366.4	308.5	248.3	189.6
-25°	1047.3	893.5	763.1	655.3	565.2	486.6	418.2	354.4	299.8	241.6	186.1
-27.5°	981.4	839.6	720.7	624.6	541.3	468.7	403.4	343.5	290.4	234.5	182.2
-30°	915.0	789.7	682.2	592.3	515.3	449.0	387.4	331.7	280.8	228.1	177.8
-32.5°	845.8	735.5	642.7	561.9	490.7	427.9	370.0	319.2	271.3	222.1	174.2
-35°	782.8	685.7	600.8	529.4	465.9	407.5	352.8	305.8	261.8	215.6	170.6
-37.5°	718.0	636.9	563.5	497.6	439.7	385.9	336.6	292.8	252.5	208.9	166.4
-40°	663.0	589.5	524.4	467.6	414.2	363.2	319.3	280.1	244.0	201.8	161.8
-42.5°	606.6	545.5	488.5	436.1	388.4	343.1	301.5	266.7	233.2	195.4	156.6
-45°	557.7	502.5	452.9	406.8	362.2	322.1	286.0	252.9	221.7	188.9	151.3
-47.5°	509.0	462.6	418.6	376.6	338.2	301.2	269.8	239.5	209.7	181.8	145.9
-50°	464.8	423.8	385.1	348.5	313.1	282.8	253.4	225.7	198.6	171.9	139.8
-52.5°	422.7	387.2	353.4	320.6	291.0	263.8	237.8	211.6	187.2	161.9	133.2
-55°	383.0	352.7	322.7	294.7	268.8	245.7	221.7	198.7	175.5	151.5	126.1
-57.5°	346.0	319.1	293.6	269.1	247.3	227.0	206.7	185.6	163.2	140.6	119.6
-60°	309.3	287.0	264.6	245.0	226.3	208.6	192.2	171.8	150.4	129.6	111.5
-62.5°	273.9	254.9	238.5	221.5	204.9	190.3	177.1	156.9	137.1	118.6	102.5
-65°	239.5	225.3	212.2	196.5	182.7	171.0	159.2	141.5	123.4	107.2	93.0
-67.5°	205.3	193.8	182.2	170.1	160.6	151.0	140.6	125.0	109.2	95.2	82.9
-70°	170.2	160.9	153.7	147.0	139.3	130.8	120.6	107.6	94.4	83.1	72.6
-72.5°	136.5	132.1	128.8	124.5	117.6	109.5	100.3	89.9	80.0	70.8	62.1
-75°	104.3	104.6	104.4	101.7	95.5	88.3	81.1	73.3	65.4	58.2	51.0
-77.5°	79.6	80.5	80.7	79.3	74.1	68.6	62.6	56.3	51.0	45.6	39.7
-80°	56.5	57.8	58.2	57.3	53.2	48.9	45.1	41.2	37.4	33.1	28.3
-82.5°	35.2	36.3	36.9	36.7	34.4	32.0	29.4	26.8	23.9	20.6	18.7
-85°	17.7	18.1	18.0	17.5	16.3	15.1	15.1	14.9	14.3	13.4	12.4
-87.5°	5.9	6.4	6.9	7.2	7.4	7.5	7.5	7.4	7.1	6.7	6.2
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626933 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
85°	11.2	8.7	6.5	4.5	2.8	1.2	0.0
82.5°	16.7	13.1	9.7	6.8	4.1	1.8	0.0
80°	22.8	17.4	12.9	9.0	5.5	2.4	0.0
77.5°	32.5	22.6	16.1	11.2	6.8	3.0	0.0
75°	42.0	29.5	19.5	13.3	8.1	3.6	0.0
72.5°	51.1	36.3	24.1	15.4	9.4	4.1	0.0
70°	59.8	42.7	28.6	17.6	10.7	4.7	0.0
67.5°	67.4	48.9	32.9	20.4	11.9	5.2	0.0
65°	74.5	54.6	37.0	23.0	13.1	5.7	0.0
62.5°	81.3	59.8	40.8	25.5	14.2	6.3	0.0
60°	87.7	64.6	44.4	27.8	15.3	6.8	0.0
57.5°	93.4	69.2	47.8	30.0	16.6	7.2	0.0
55°	98.7	73.4	50.9	32.0	17.9	7.7	0.0
52.5°	103.5	77.2	53.7	33.9	19.2	8.1	0.0
50°	107.9	80.7	56.3	35.5	20.3	8.6	0.0
47.5°	112.0	83.9	58.7	37.0	21.5	8.9	0.0
45°	116.6	86.7	60.7	38.5	22.5	9.3	0.0
42.5°	120.7	89.1	62.5	39.9	23.5	9.7	0.0
40°	124.3	91.2	64.0	41.3	24.5	10.0	0.0
37.5°	127.3	92.9	65.5	42.8	25.3	10.3	0.0
35°	129.9	94.8	66.6	44.2	26.1	10.6	0.0
32.5°	132.2	96.6	67.5	45.4	26.9	10.8	0.0
30°	134.8	98.0	68.1	46.6	27.6	11.0	0.0
27.5°	136.9	99.0	69.6	47.5	28.2	11.2	0.0
25°	138.6	99.6	71.0	48.4	28.7	11.4	0.0
22.5°	139.8	100.4	72.2	49.1	29.2	11.6	0.0
20°	140.4	102.2	73.3	49.8	29.6	11.7	0.0
17.5°	142.0	103.7	74.2	50.2	29.9	11.8	0.0
15°	143.9	104.8	74.9	50.6	30.1	11.8	0.0
12.5°	145.3	105.7	75.4	50.8	30.3	11.9	0.0
10°	146.1	106.2	75.7	50.9	30.4	11.9	0.0
7.5°	146.5	106.5	75.9	50.9	30.4	11.9	0.0
5°	146.3	106.4	75.9	50.7	30.4	11.8	0.0
2.5°	145.7	106.0	75.6	50.5	30.3	11.8	0.0
0°	144.6	105.3	75.2	50.1	30.1	11.7	0.0
-2.5°	145.7	106.0	75.6	50.5	30.3	11.8	0.0
-5°	146.3	106.4	75.9	50.7	30.4	11.8	0.0
-7.5°	146.5	106.5	75.9	50.9	30.4	11.9	0.0
-10°	146.1	106.2	75.7	50.9	30.4	11.9	0.0
-12.5°	145.3	105.7	75.4	50.8	30.3	11.9	0.0
-15°	143.9	104.8	74.9	50.6	30.1	11.8	0.0
-17.5°	142.0	103.7	74.2	50.2	29.9	11.8	0.0
-20°	140.4	102.2	73.3	49.8	29.6	11.7	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	139.8	100.4	72.2	49.1	29.2	11.6	0.0
-25°	138.6	99.6	71.0	48.4	28.7	11.4	0.0
-27.5°	136.9	99.0	69.6	47.5	28.2	11.2	0.0
-30°	134.8	98.0	68.1	46.6	27.6	11.0	0.0
-32.5°	132.2	96.6	67.5	45.4	26.9	10.8	0.0
-35°	129.9	94.8	66.6	44.2	26.1	10.6	0.0
-37.5°	127.3	92.9	65.5	42.8	25.3	10.3	0.0
-40°	124.3	91.2	64.0	41.3	24.5	10.0	0.0
-42.5°	120.7	89.1	62.5	39.9	23.5	9.7	0.0
-45°	116.6	86.7	60.7	38.5	22.5	9.3	0.0
-47.5°	112.0	83.9	58.7	37.0	21.5	8.9	0.0
-50°	107.9	80.7	56.3	35.5	20.3	8.6	0.0
-52.5°	103.5	77.2	53.7	33.9	19.2	8.1	0.0
-55°	98.7	73.4	50.9	32.0	17.9	7.7	0.0
-57.5°	93.4	69.2	47.8	30.0	16.6	7.2	0.0
-60°	87.7	64.6	44.4	27.8	15.3	6.8	0.0
-62.5°	81.3	59.8	40.8	25.5	14.2	6.3	0.0
-65°	74.5	54.6	37.0	23.0	13.1	5.7	0.0
-67.5°	67.4	48.9	32.9	20.4	11.9	5.2	0.0
-70°	59.8	42.7	28.6	17.6	10.7	4.7	0.0
-72.5°	51.1	36.3	24.1	15.4	9.4	4.1	0.0
-75°	42.0	29.5	19.5	13.3	8.1	3.6	0.0
-77.5°	32.5	22.6	16.1	11.2	6.8	3.0	0.0
-80°	22.8	17.4	12.9	9.0	5.5	2.4	0.0
-82.5°	16.7	13.1	9.7	6.8	4.1	1.8	0.0
-85°	11.2	8.7	6.5	4.5	2.8	1.2	0.0
-87.5°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)