

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: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626927 (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-SA2C-740-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N52  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

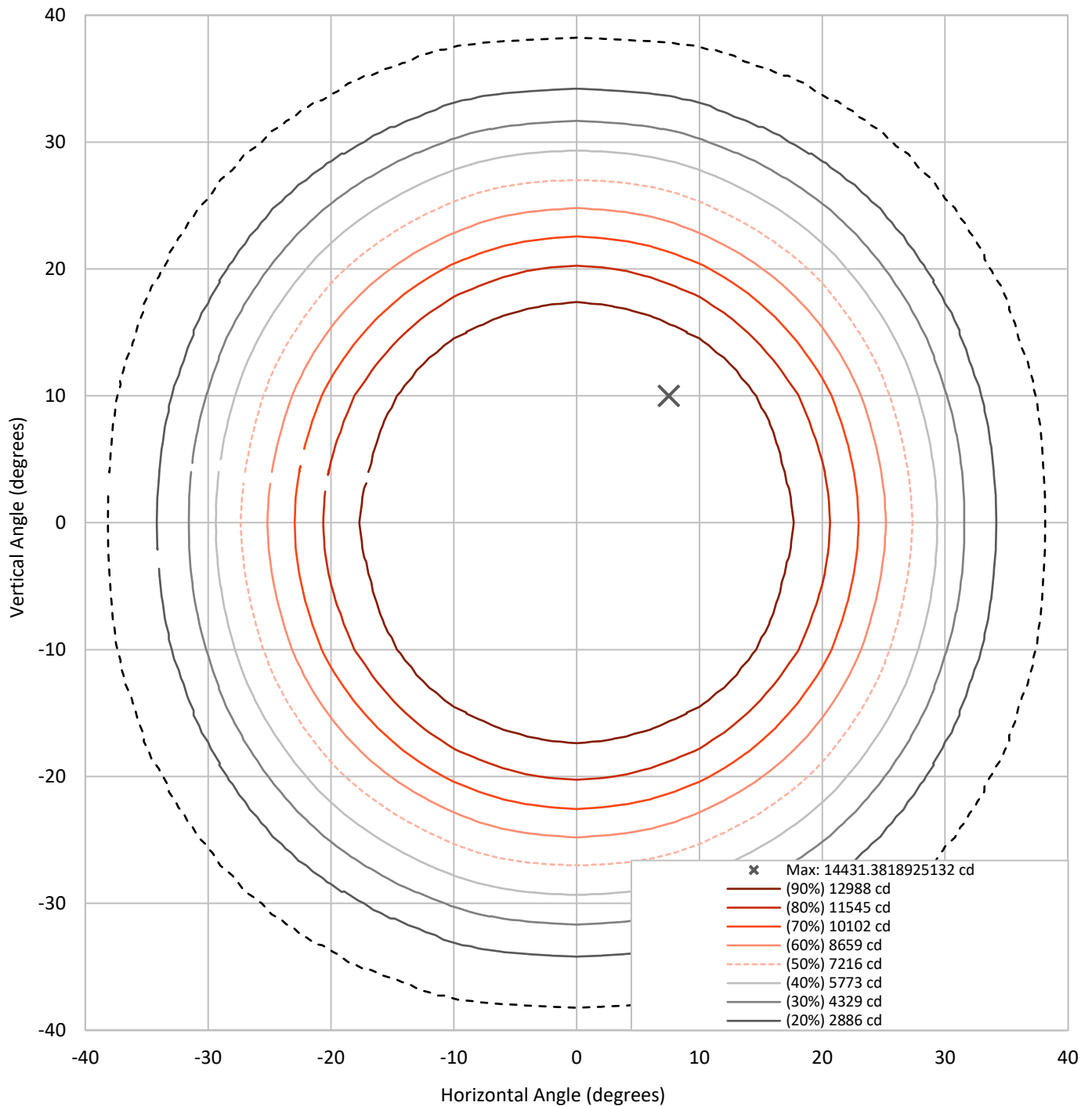
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12282.4 lumens	Max Intensity:	14431.4 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	148.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	8152.4 lumens	Field Lumens:	10600.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





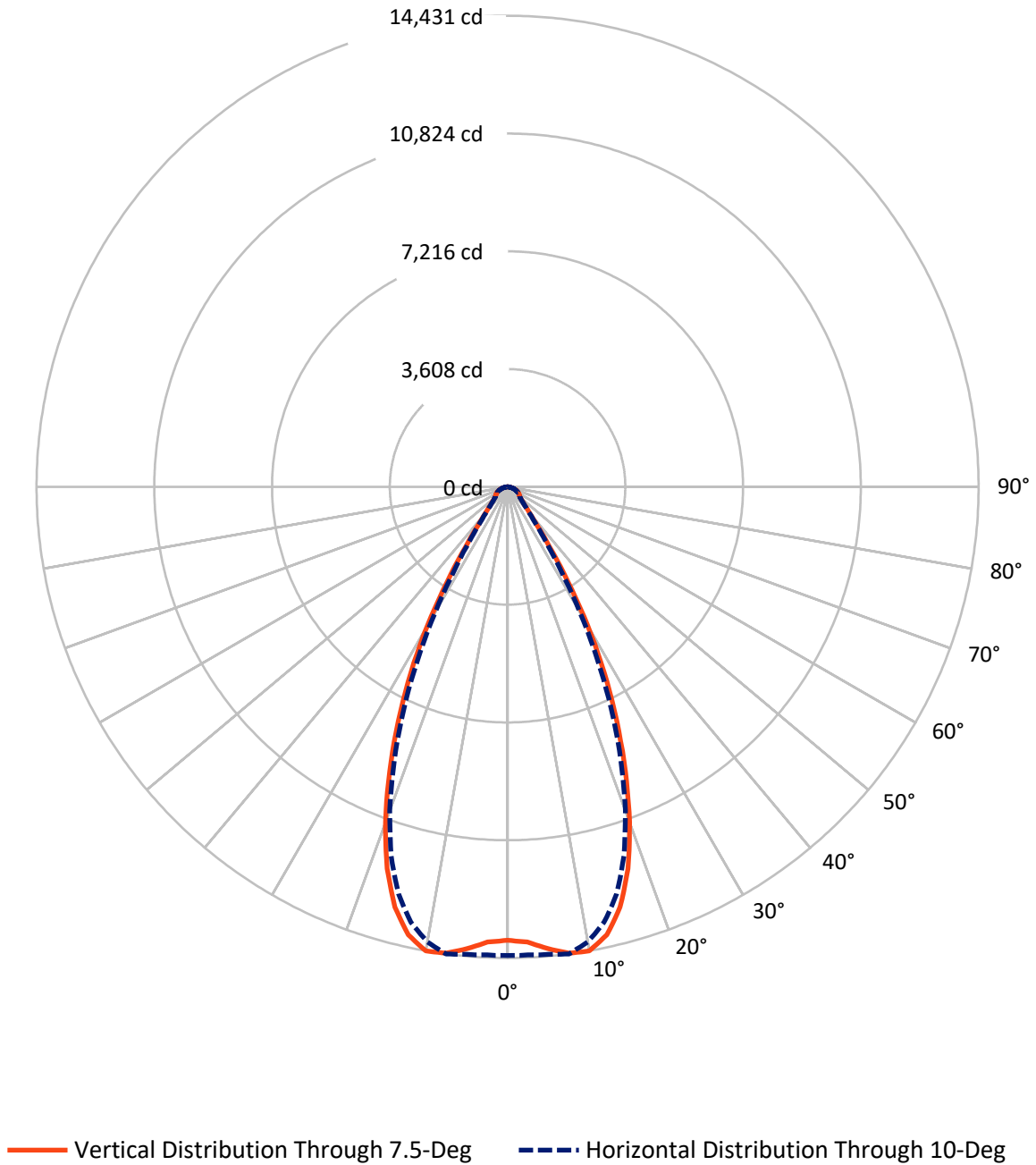
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### Lumen Table

90																			
80	0.3	2.9		7.7		12.2		13.6		12.2		7.7		2.9		0.3			
70																			
60	1.3	1.5	3.0	4.9	6.9	8.4	9.4	10.0	10.0	9.4	8.4	6.9	4.9	3.0	1.5	1.3			
50		2.2	4.4	7.1	9.5	11.5	12.8	13.4	13.4	12.8	11.5	9.5	7.1	4.4	2.2				
40	2.3	2.9	5.6	8.6	11.5	15.0	18.9	21.7	21.7	18.9	15.0	11.5	8.6	5.6	2.9	2.3			
30		3.4	6.5	9.9	15.3	27.9	53.4	79.2	79.2	53.4	27.9	15.3	9.9	6.5	3.4				
20	3.0	3.8	7.1	11.5	25.2	78.8	176.9	247.0	247.0	176.9	78.8	25.2	11.5	7.1	3.8	3.0			
10		4.0	7.5	13.7	45.5	168.1	321.0	401.7	401.7	321.0	168.1	45.5	13.7	7.5	4.0				
0	3.2	4.2	7.7	15.4	65.5	230.0	389.4	423.7	423.7	389.4	230.0	65.5	15.4	7.7	4.2	3.2			
-10		4.2	7.7	15.4	65.5	230.0	389.4	423.7	423.7	389.4	230.0	65.5	15.4	7.7	4.2				
-20	3.0	4.0	7.5	13.7	45.5	168.1	321.0	401.7	401.7	321.0	168.1	45.5	13.7	7.5	4.0	3.0			
-30		3.8	7.1	11.5	25.2	78.8	176.9	247.0	247.0	176.9	78.8	25.2	11.5	7.1	3.8				
-40	2.3	3.4	6.5	9.9	15.3	27.9	53.4	79.2	79.2	53.4	27.9	15.3	9.9	6.5	3.4	2.3			
-50		2.9	5.6	8.6	11.5	15.0	18.9	21.7	21.7	18.9	15.0	11.5	8.6	5.6	2.9				
-60	1.3	2.2	4.4	7.1	9.5	11.5	12.8	13.4	13.4	12.8	11.5	9.5	7.1	4.4	2.2	1.3			
-70		1.5	3.0	4.9	6.9	8.4	9.4	10.0	10.0	9.4	8.4	6.9	4.9	3.0	1.5				
-80																			
-90	0.3	2.9		7.7		12.2		13.6		12.2		7.7		2.9		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

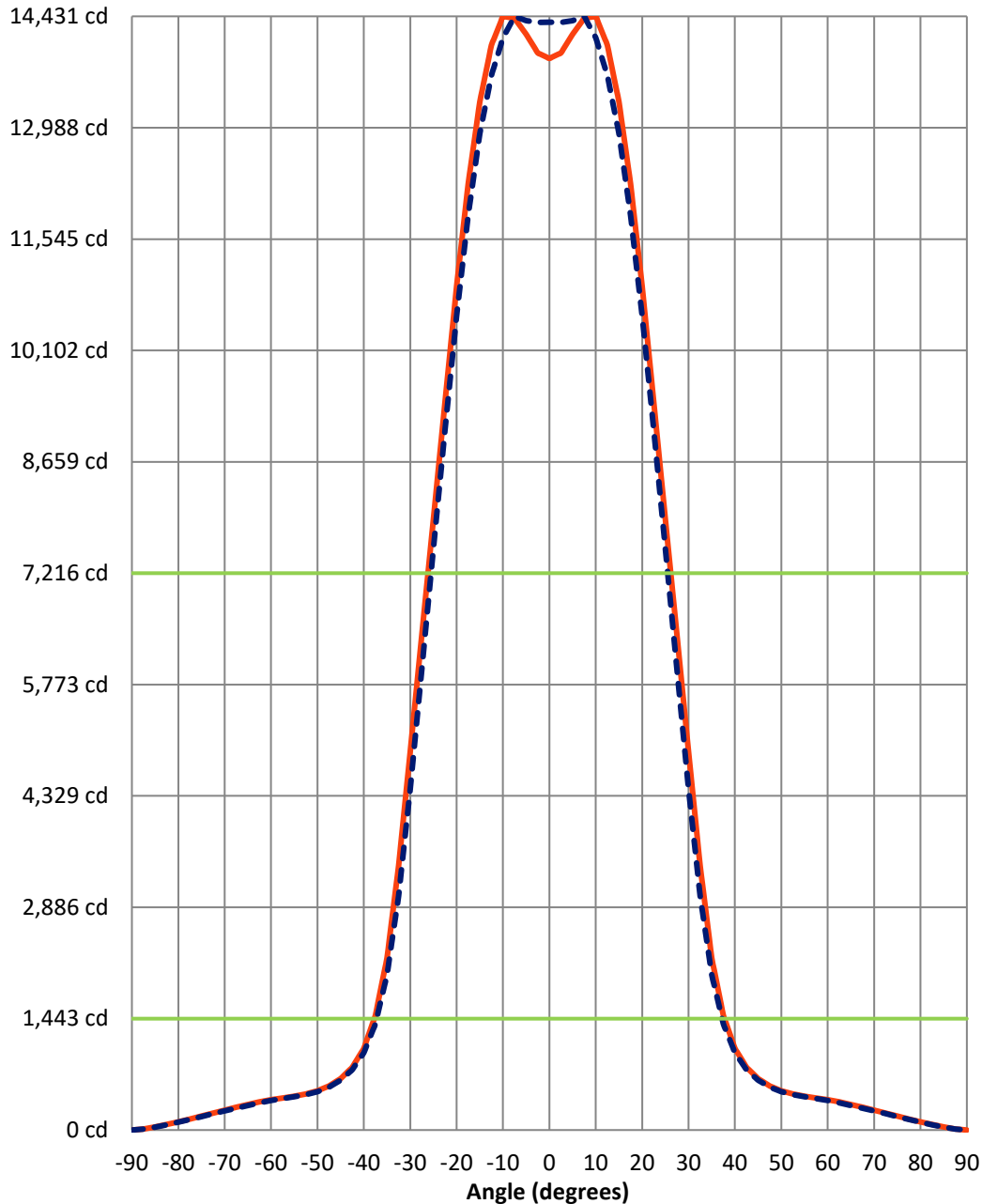
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 8152.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 10600.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1682  
 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	0.5	1.1	1.6	2.2	2.7	3.3	4.0	4.8	5.6	6.4
85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.5	11.1	12.8
82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.9	14.5	18.3	21.8
80°	0.0	2.2	4.4	6.5	8.7	10.9	13.4	18.6	23.4	28.1	32.4
77.5°	0.0	2.7	5.4	8.2	10.9	14.7	20.5	26.6	32.4	37.8	43.7
75°	0.0	3.3	6.5	9.8	13.4	20.5	27.5	34.5	41.4	49.4	57.2
72.5°	0.0	3.8	7.6	11.3	18.1	26.3	34.4	42.9	52.2	61.5	70.6
70°	0.0	4.3	8.6	13.3	22.7	32.0	41.4	52.2	62.9	73.5	84.6
67.5°	0.0	4.8	9.6	16.6	27.2	37.6	49.3	61.5	73.5	85.9	98.5
65°	0.0	5.3	10.6	20.0	31.6	43.6	57.0	70.6	84.1	98.0	112.7
62.5°	0.0	5.8	11.6	23.2	35.9	49.8	64.5	79.6	94.5	110.2	127.9
60°	0.0	6.3	12.6	26.4	40.2	55.8	71.9	88.3	104.7	123.4	142.7
57.5°	0.0	6.8	14.6	29.5	44.8	61.7	79.2	96.9	115.7	136.2	156.7
55°	0.0	7.2	16.6	32.5	49.3	67.4	86.5	105.2	126.6	148.6	170.1
52.5°	0.0	7.7	18.5	35.5	53.7	72.9	93.5	114.4	137.2	160.3	183.1
50°	0.0	8.1	20.3	38.3	57.9	78.7	100.4	123.3	147.3	171.6	195.7
47.5°	0.0	8.5	22.1	41.1	61.9	84.2	107.1	131.9	157.0	182.6	207.9
45°	0.0	8.9	23.8	44.0	65.7	89.6	114.1	140.0	166.4	193.1	219.7
42.5°	0.0	9.3	25.4	46.7	69.4	94.8	120.8	147.8	175.3	203.2	230.7
40°	0.0	9.7	26.9	49.3	73.1	99.8	127.1	155.2	183.8	212.8	241.4
37.5°	0.0	10.0	28.3	51.6	76.9	104.5	133.0	162.1	192.0	222.1	251.6
35°	0.0	10.3	29.6	53.8	80.4	109.1	138.6	168.6	199.9	230.8	261.2
32.5°	0.0	10.6	30.9	55.9	83.8	113.5	143.8	174.6	207.3	238.9	269.6
30°	0.0	10.9	32.0	57.8	87.0	117.6	148.6	180.3	214.3	246.4	277.5
27.5°	0.0	11.2	33.1	59.6	89.8	121.3	153.0	185.9	220.7	253.2	284.7
25°	0.0	11.4	34.0	61.2	92.3	124.7	157.0	191.1	226.2	259.2	291.3
22.5°	0.0	11.6	34.9	62.7	94.6	127.7	160.6	195.8	231.2	264.6	297.3
20°	0.0	11.8	35.6	64.0	96.7	130.3	163.8	200.1	235.6	269.3	302.7
17.5°	0.0	12.0	36.2	65.1	98.5	132.5	166.7	203.9	239.5	273.5	307.4
15°	0.0	12.2	36.8	66.1	100.0	134.4	169.3	207.3	242.7	277.1	311.4
12.5°	0.0	12.3	37.2	66.8	101.3	136.0	171.5	210.3	245.6	280.0	314.7
10°	0.0	12.4	37.6	67.5	102.2	137.3	173.4	212.8	248.1	282.8	317.6
7.5°	0.0	12.5	37.8	67.9	103.0	138.2	174.9	214.7	250.1	285.0	320.1
5°	0.0	12.6	37.9	68.2	103.4	138.8	175.9	216.1	251.5	286.6	321.9
2.5°	0.0	12.6	38.0	68.3	103.6	139.0	176.6	216.9	252.3	287.6	322.9
0°	0.0	12.6	37.9	68.2	103.5	138.9	176.8	217.2	252.6	287.9	323.3
-2.5°	0.0	12.6	38.0	68.3	103.6	139.0	176.6	216.9	252.3	287.6	322.9
-5°	0.0	12.6	37.9	68.2	103.4	138.8	175.9	216.1	251.5	286.6	321.9
-7.5°	0.0	12.5	37.8	67.9	103.0	138.2	174.9	214.7	250.1	285.0	320.1
-10°	0.0	12.4	37.6	67.5	102.2	137.3	173.4	212.8	248.1	282.8	317.6
-12.5°	0.0	12.3	37.2	66.8	101.3	136.0	171.5	210.3	245.6	280.0	314.7
-15°	0.0	12.2	36.8	66.1	100.0	134.4	169.3	207.3	242.7	277.1	311.4
-17.5°	0.0	12.0	36.2	65.1	98.5	132.5	166.7	203.9	239.5	273.5	307.4
-20°	0.0	11.8	35.6	64.0	96.7	130.3	163.8	200.1	235.6	269.3	302.7

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CATALOG NUMBER: GFLD-SA2C-740-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	11.6	34.9	62.7	94.6	127.7	160.6	195.8	231.2	264.6	297.3
-25°	0.0	11.4	34.0	61.2	92.3	124.7	157.0	191.1	226.2	259.2	291.3
-27.5°	0.0	11.2	33.1	59.6	89.8	121.3	153.0	185.9	220.7	253.2	284.7
-30°	0.0	10.9	32.0	57.8	87.0	117.6	148.6	180.3	214.3	246.4	277.5
-32.5°	0.0	10.6	30.9	55.9	83.8	113.5	143.8	174.6	207.3	238.9	269.6
-35°	0.0	10.3	29.6	53.8	80.4	109.1	138.6	168.6	199.9	230.8	261.2
-37.5°	0.0	10.0	28.3	51.6	76.9	104.5	133.0	162.1	192.0	222.1	251.6
-40°	0.0	9.7	26.9	49.3	73.1	99.8	127.1	155.2	183.8	212.8	241.4
-42.5°	0.0	9.3	25.4	46.7	69.4	94.8	120.8	147.8	175.3	203.2	230.7
-45°	0.0	8.9	23.8	44.0	65.7	89.6	114.1	140.0	166.4	193.1	219.7
-47.5°	0.0	8.5	22.1	41.1	61.9	84.2	107.1	131.9	157.0	182.6	207.9
-50°	0.0	8.1	20.3	38.3	57.9	78.7	100.4	123.3	147.3	171.6	195.7
-52.5°	0.0	7.7	18.5	35.5	53.7	72.9	93.5	114.4	137.2	160.3	183.1
-55°	0.0	7.2	16.6	32.5	49.3	67.4	86.5	105.2	126.6	148.6	170.1
-57.5°	0.0	6.8	14.6	29.5	44.8	61.7	79.2	96.9	115.7	136.2	156.7
-60°	0.0	6.3	12.6	26.4	40.2	55.8	71.9	88.3	104.7	123.4	142.7
-62.5°	0.0	5.8	11.6	23.2	35.9	49.8	64.5	79.6	94.5	110.2	127.9
-65°	0.0	5.3	10.6	20.0	31.6	43.6	57.0	70.6	84.1	98.0	112.7
-67.5°	0.0	4.8	9.6	16.6	27.2	37.6	49.3	61.5	73.5	85.9	98.5
-70°	0.0	4.3	8.6	13.3	22.7	32.0	41.4	52.2	62.9	73.5	84.6
-72.5°	0.0	3.8	7.6	11.3	18.1	26.3	34.4	42.9	52.2	61.5	70.6
-75°	0.0	3.3	6.5	9.8	13.4	20.5	27.5	34.5	41.4	49.4	57.2
-77.5°	0.0	2.7	5.4	8.2	10.9	14.7	20.5	26.6	32.4	37.8	43.7
-80°	0.0	2.2	4.4	6.5	8.7	10.9	13.4	18.6	23.4	28.1	32.4
-82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.9	14.5	18.3	21.8
-85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.9	9.5	11.1	12.8
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.0	4.8	5.6	6.4
-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°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
85°	14.0	15.2	17.2	19.2	21.2	23.1	24.9	26.6	28.3	29.9	31.4
82.5°	25.0	28.3	31.6	35.0	38.0	40.8	43.6	46.5	49.4	52.2	55.1
80°	36.8	41.4	46.6	51.5	55.8	60.0	64.0	67.8	72.0	76.4	81.0
77.5°	50.4	56.9	63.0	68.7	74.2	80.2	86.1	91.7	97.5	103.2	108.7
75°	65.0	72.4	80.2	87.9	95.4	102.6	109.7	116.9	124.1	131.4	138.3
72.5°	80.0	89.4	98.7	107.6	116.9	126.0	134.7	143.1	151.8	160.6	169.1
70°	95.7	106.4	117.8	128.7	139.2	149.7	160.4	170.7	180.7	191.0	201.1
67.5°	111.5	124.9	137.7	149.9	162.2	174.6	186.6	198.9	210.8	222.7	234.2
65°	128.8	143.6	157.5	171.5	185.4	200.0	214.2	227.9	241.7	255.0	267.0
62.5°	145.8	161.5	177.0	192.8	209.4	225.8	241.3	257.0	273.1	287.1	299.2
60°	161.5	178.9	196.2	214.2	232.6	250.2	267.6	284.7	301.9	318.0	327.9
57.5°	176.6	195.9	215.0	234.4	253.8	273.5	291.7	310.5	326.6	340.1	351.6
55°	191.4	212.3	232.7	253.0	273.9	294.5	314.4	332.2	347.9	359.2	370.3
52.5°	205.7	227.7	248.8	270.8	293.1	314.9	335.6	352.2	365.0	376.6	386.9
50°	219.6	242.0	264.2	288.1	311.6	334.7	354.2	368.7	381.8	393.0	403.9
47.5°	232.6	255.9	279.7	304.9	329.6	351.9	369.8	385.0	398.4	410.5	423.3
45°	245.1	269.9	295.0	321.0	346.2	367.8	385.1	401.5	413.9	427.6	442.4
42.5°	257.3	283.3	309.7	336.5	362.0	382.1	399.4	414.4	429.1	445.3	463.1
40°	268.9	296.0	323.5	351.4	376.8	394.6	411.6	427.5	445.3	464.6	485.1
37.5°	279.7	307.9	336.4	365.4	387.7	406.1	423.4	441.1	461.9	484.2	512.1
35°	289.9	318.9	348.5	376.3	397.5	417.0	434.9	454.7	478.9	508.0	543.9
32.5°	299.3	329.2	359.6	385.1	406.5	426.7	445.2	469.8	498.9	533.6	584.4
30°	307.9	338.5	369.1	393.7	414.6	434.9	457.4	485.2	519.1	569.9	634.8
27.5°	315.9	347.1	376.5	400.9	421.9	442.8	469.1	502.8	547.5	608.0	688.8
25°	323.3	355.2	383.6	406.9	428.6	451.9	480.4	518.2	577.0	655.3	764.3
22.5°	330.0	362.6	390.5	412.2	434.9	460.1	493.4	540.7	608.5	699.9	840.6
20°	336.0	368.1	395.6	417.1	440.8	467.0	505.0	562.0	643.8	762.1	941.7
17.5°	341.2	373.0	399.4	421.9	446.4	474.7	516.2	580.5	675.2	816.4	1043.9
15°	345.7	377.1	402.6	425.9	451.4	483.5	531.9	604.6	711.6	872.8	1133.0
12.5°	349.4	380.5	405.3	429.2	455.4	490.9	545.3	627.4	749.4	942.2	1264.3
10°	352.3	383.2	407.3	431.8	458.6	496.8	556.2	646.0	780.8	1002.3	1376.3
7.5°	355.0	385.2	408.7	433.6	460.9	501.2	564.5	660.4	804.8	1049.5	1464.9
5°	357.0	386.4	409.5	434.6	462.8	504.1	570.1	670.4	821.4	1083.3	1527.3
2.5°	358.2	386.8	409.6	434.9	464.2	505.4	573.1	675.9	834.5	1099.2	1560.8
0°	358.6	386.4	409.1	434.4	464.7	505.1	573.3	676.9	841.0	1098.6	1565.9
-2.5°	358.2	386.8	409.6	434.9	464.2	505.4	573.1	675.9	834.5	1099.2	1560.8
-5°	357.0	386.4	409.5	434.6	462.8	504.1	570.1	670.4	821.4	1083.3	1527.3
-7.5°	355.0	385.2	408.7	433.6	460.9	501.2	564.5	660.4	804.8	1049.5	1464.9
-10°	352.3	383.2	407.3	431.8	458.6	496.8	556.2	646.0	780.8	1002.3	1376.3
-12.5°	349.4	380.5	405.3	429.2	455.4	490.9	545.3	627.4	749.4	942.2	1264.3
-15°	345.7	377.1	402.6	425.9	451.4	483.5	531.9	604.6	711.6	872.8	1133.0
-17.5°	341.2	373.0	399.4	421.9	446.4	474.7	516.2	580.5	675.2	816.4	1043.9
-20°	336.0	368.1	395.6	417.1	440.8	467.0	505.0	562.0	643.8	762.1	941.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	330.0	362.6	390.5	412.2	434.9	460.1	493.4	540.7	608.5	699.9	840.6
-25°	323.3	355.2	383.6	406.9	428.6	451.9	480.4	518.2	577.0	655.3	764.3
-27.5°	315.9	347.1	376.5	400.9	421.9	442.8	469.1	502.8	547.5	608.0	688.8
-30°	307.9	338.5	369.1	393.7	414.6	434.9	457.4	485.2	519.1	569.9	634.8
-32.5°	299.3	329.2	359.6	385.1	406.5	426.7	445.2	469.8	498.9	533.6	584.4
-35°	289.9	318.9	348.5	376.3	397.5	417.0	434.9	454.7	478.9	508.0	543.9
-37.5°	279.7	307.9	336.4	365.4	387.7	406.1	423.4	441.1	461.9	484.2	512.1
-40°	268.9	296.0	323.5	351.4	376.8	394.6	411.6	427.5	445.3	464.6	485.1
-42.5°	257.3	283.3	309.7	336.5	362.0	382.1	399.4	414.4	429.1	445.3	463.1
-45°	245.1	269.9	295.0	321.0	346.2	367.8	385.1	401.5	413.9	427.6	442.4
-47.5°	232.6	255.9	279.7	304.9	329.6	351.9	369.8	385.0	398.4	410.5	423.3
-50°	219.6	242.0	264.2	288.1	311.6	334.7	354.2	368.7	381.8	393.0	403.9
-52.5°	205.7	227.7	248.8	270.8	293.1	314.9	335.6	352.2	365.0	376.6	386.9
-55°	191.4	212.3	232.7	253.0	273.9	294.5	314.4	332.2	347.9	359.2	370.3
-57.5°	176.6	195.9	215.0	234.4	253.8	273.5	291.7	310.5	326.6	340.1	351.6
-60°	161.5	178.9	196.2	214.2	232.6	250.2	267.6	284.7	301.9	318.0	327.9
-62.5°	145.8	161.5	177.0	192.8	209.4	225.8	241.3	257.0	273.1	287.1	299.2
-65°	128.8	143.6	157.5	171.5	185.4	200.0	214.2	227.9	241.7	255.0	267.0
-67.5°	111.5	124.9	137.7	149.9	162.2	174.6	186.6	198.9	210.8	222.7	234.2
-70°	95.7	106.4	117.8	128.7	139.2	149.7	160.4	170.7	180.7	191.0	201.1
-72.5°	80.0	89.4	98.7	107.6	116.9	126.0	134.7	143.1	151.8	160.6	169.1
-75°	65.0	72.4	80.2	87.9	95.4	102.6	109.7	116.9	124.1	131.4	138.3
-77.5°	50.4	56.9	63.0	68.7	74.2	80.2	86.1	91.7	97.5	103.2	108.7
-80°	36.8	41.4	46.6	51.5	55.8	60.0	64.0	67.8	72.0	76.4	81.0
-82.5°	25.0	28.3	31.6	35.0	38.0	40.8	43.6	46.5	49.4	52.2	55.1
-85°	14.0	15.2	17.2	19.2	21.2	23.1	24.9	26.6	28.3	29.9	31.4
-87.5°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
-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: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-740-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°	12.4	12.3	12.0	11.8	11.4	12.2	13.1	13.9	14.7	14.2	13.7
85°	32.9	33.6	34.2	34.8	35.2	36.8	38.3	39.7	41.0	41.0	40.8
82.5°	57.8	59.7	61.3	62.7	64.0	65.8	67.5	68.9	70.1	71.0	71.8
80°	85.3	88.3	90.8	93.2	95.3	97.7	100.0	102.0	103.7	104.7	105.3
77.5°	114.2	118.6	122.5	126.3	129.9	133.4	136.6	139.5	142.0	142.6	142.5
75°	144.8	150.8	156.3	161.5	166.2	170.3	173.8	176.7	179.1	180.3	180.9
72.5°	177.1	184.4	191.0	196.9	201.9	206.1	209.8	213.0	215.7	217.3	218.3
70°	210.8	219.5	226.2	231.7	236.1	240.3	245.0	249.4	253.6	256.0	256.9
67.5°	244.6	253.6	259.7	264.8	268.7	272.9	278.8	284.1	288.8	292.0	294.1
65°	277.7	287.1	293.3	298.1	301.7	305.8	312.5	317.8	321.8	325.0	327.9
62.5°	310.3	319.8	326.7	332.4	337.7	342.3	347.7	352.1	355.6	358.7	362.3
60°	338.6	349.9	357.1	362.9	369.5	376.6	380.6	383.9	386.8	389.3	391.5
57.5°	361.7	371.7	381.0	388.0	394.9	401.5	406.2	409.3	411.9	413.8	414.5
55°	381.0	391.4	401.8	409.4	416.1	422.3	427.4	431.5	434.9	437.5	438.2
52.5°	398.4	410.0	420.2	428.9	437.8	445.1	450.8	456.4	461.2	465.1	466.7
50°	417.2	429.4	442.1	453.8	463.3	471.7	478.6	486.4	494.6	501.4	505.7
47.5°	437.1	451.1	466.4	480.9	492.2	504.4	515.9	527.5	542.9	555.7	565.3
45°	457.8	475.9	493.3	511.7	527.2	550.4	571.9	590.5	615.0	637.3	655.1
42.5°	482.3	504.8	526.3	555.7	586.5	618.2	652.4	681.6	720.1	759.2	790.8
40°	511.3	540.0	577.8	617.4	666.1	709.6	768.7	821.4	880.4	954.9	1016.5
37.5°	546.2	590.5	643.1	698.2	774.1	846.6	944.3	1047.3	1140.7	1284.1	1404.8
35°	591.6	653.5	722.7	820.3	927.7	1063.6	1216.0	1414.9	1585.4	1827.3	2058.5
32.5°	650.1	729.7	842.7	993.3	1152.1	1398.7	1640.6	1985.9	2305.6	2689.1	3102.9
30°	715.2	836.2	1008.9	1215.5	1511.6	1874.5	2300.9	2831.2	3411.7	3950.6	4481.7
27.5°	809.5	982.9	1209.8	1543.1	2004.6	2512.3	3259.4	3979.3	4730.4	5398.1	5955.0
25°	919.6	1148.8	1499.6	1990.4	2614.6	3483.9	4378.2	5266.8	6074.5	6773.6	7388.9
22.5°	1061.7	1391.4	1859.1	2494.8	3466.8	4508.8	5557.4	6537.5	7399.1	8177.6	8843.6
20°	1216.3	1628.9	2296.9	3244.7	4356.2	5543.4	6727.4	7771.4	8720.2	9602.8	10353.4
17.5°	1412.3	1990.1	2836.0	3972.9	5258.2	6558.9	7802.7	8935.6	10012.0	10945.9	11730.3
15°	1579.4	2308.3	3412.1	4745.6	6135.7	7507.8	8820.9	10051.5	11170.7	12128.9	12866.3
12.5°	1802.2	2664.8	3923.7	5409.9	6916.2	8360.0	9743.1	11015.0	12154.0	13101.6	13675.6
10°	2012.8	3033.9	4418.2	5968.0	7533.0	9071.3	10548.1	11852.6	12910.0	13663.9	14153.0
7.5°	2191.8	3351.1	4820.4	6419.2	8023.0	9631.3	11126.2	12395.5	13370.5	14000.1	14340.6
5°	2325.5	3588.2	5118.9	6785.8	8431.6	10068.0	11551.3	12742.8	13585.5	14053.2	14224.2
2.5°	2410.7	3727.5	5292.2	7026.3	8705.0	10344.4	11842.9	13015.7	13730.7	14040.7	14070.1
0°	2444.8	3745.5	5318.9	7152.5	8773.9	10423.1	11925.8	13128.0	13784.7	14039.8	14034.7
-2.5°	2410.7	3727.5	5292.2	7026.3	8705.0	10344.4	11842.9	13015.7	13730.7	14040.7	14070.1
-5°	2325.5	3588.2	5118.9	6785.8	8431.6	10068.0	11551.3	12742.8	13585.5	14053.2	14224.2
-7.5°	2191.8	3351.1	4820.4	6419.2	8023.0	9631.3	11126.2	12395.5	13370.5	14000.1	14340.6
-10°	2012.8	3033.9	4418.2	5968.0	7533.0	9071.3	10548.1	11852.6	12910.0	13663.9	14153.0
-12.5°	1802.2	2664.8	3923.7	5409.9	6916.2	8360.0	9743.1	11015.0	12154.0	13101.6	13675.6
-15°	1579.4	2308.3	3412.1	4745.6	6135.7	7507.8	8820.9	10051.5	11170.7	12128.9	12866.3
-17.5°	1412.3	1990.1	2836.0	3972.9	5258.2	6558.9	7802.7	8935.6	10012.0	10945.9	11730.3
-20°	1216.3	1628.9	2296.9	3244.7	4356.2	5543.4	6727.4	7771.4	8720.2	9602.8	10353.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1061.7	1391.4	1859.1	2494.8	3466.8	4508.8	5557.4	6537.5	7399.1	8177.6	8843.6
-25°	919.6	1148.8	1499.6	1990.4	2614.6	3483.9	4378.2	5266.8	6074.5	6773.6	7388.9
-27.5°	809.5	982.9	1209.8	1543.1	2004.6	2512.3	3259.4	3979.3	4730.4	5398.1	5955.0
-30°	715.2	836.2	1008.9	1215.5	1511.6	1874.5	2300.9	2831.2	3411.7	3950.6	4481.7
-32.5°	650.1	729.7	842.7	993.3	1152.1	1398.7	1640.6	1985.9	2305.6	2689.1	3102.9
-35°	591.6	653.5	722.7	820.3	927.7	1063.6	1216.0	1414.9	1585.4	1827.3	2058.5
-37.5°	546.2	590.5	643.1	698.2	774.1	846.6	944.3	1047.3	1140.7	1284.1	1404.8
-40°	511.3	540.0	577.8	617.4	666.1	709.6	768.7	821.4	880.4	954.9	1016.5
-42.5°	482.3	504.8	526.3	555.7	586.5	618.2	652.4	681.6	720.1	759.2	790.8
-45°	457.8	475.9	493.3	511.7	527.2	550.4	571.9	590.5	615.0	637.3	655.1
-47.5°	437.1	451.1	466.4	480.9	492.2	504.4	515.9	527.5	542.9	555.7	565.3
-50°	417.2	429.4	442.1	453.8	463.3	471.7	478.6	486.4	494.6	501.4	505.7
-52.5°	398.4	410.0	420.2	428.9	437.8	445.1	450.8	456.4	461.2	465.1	466.7
-55°	381.0	391.4	401.8	409.4	416.1	422.3	427.4	431.5	434.9	437.5	438.2
-57.5°	361.7	371.7	381.0	388.0	394.9	401.5	406.2	409.3	411.9	413.8	414.5
-60°	338.6	349.9	357.1	362.9	369.5	376.6	380.6	383.9	386.8	389.3	391.5
-62.5°	310.3	319.8	326.7	332.4	337.7	342.3	347.7	352.1	355.6	358.7	362.3
-65°	277.7	287.1	293.3	298.1	301.7	305.8	312.5	317.8	321.8	325.0	327.9
-67.5°	244.6	253.6	259.7	264.8	268.7	272.9	278.8	284.1	288.8	292.0	294.1
-70°	210.8	219.5	226.2	231.7	236.1	240.3	245.0	249.4	253.6	256.0	256.9
-72.5°	177.1	184.4	191.0	196.9	201.9	206.1	209.8	213.0	215.7	217.3	218.3
-75°	144.8	150.8	156.3	161.5	166.2	170.3	173.8	176.7	179.1	180.3	180.9
-77.5°	114.2	118.6	122.5	126.3	129.9	133.4	136.6	139.5	142.0	142.6	142.5
-80°	85.3	88.3	90.8	93.2	95.3	97.7	100.0	102.0	103.7	104.7	105.3
-82.5°	57.8	59.7	61.3	62.7	64.0	65.8	67.5	68.9	70.1	71.0	71.8
-85°	32.9	33.6	34.2	34.8	35.2	36.8	38.3	39.7	41.0	41.0	40.8
-87.5°	12.4	12.3	12.0	11.8	11.4	12.2	13.1	13.9	14.7	14.2	13.7
-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: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	13.1	12.6	12.6	12.6	12.6	12.6	13.1	13.7	14.2	14.7	13.9
85°	40.6	40.2	39.1	37.9	39.1	40.2	40.6	40.8	41.0	41.0	39.7
82.5°	72.4	72.8	71.9	70.7	71.9	72.8	72.4	71.8	71.0	70.1	68.9
80°	105.6	105.6	104.7	103.5	104.7	105.6	105.6	105.3	104.7	103.7	102.0
77.5°	141.8	140.8	141.2	141.4	141.2	140.8	141.8	142.5	142.6	142.0	139.5
75°	181.1	180.9	180.4	179.3	180.4	180.9	181.1	180.9	180.3	179.1	176.7
72.5°	218.8	218.8	218.2	217.2	218.2	218.8	218.8	218.3	217.3	215.7	213.0
70°	257.1	256.6	257.3	257.6	257.3	256.6	257.1	256.9	256.0	253.6	249.4
67.5°	295.6	296.7	296.5	295.5	296.5	296.7	295.6	294.1	292.0	288.8	284.1
65°	330.2	332.0	333.0	333.4	333.0	332.0	330.2	327.9	325.0	321.8	317.8
62.5°	365.1	367.1	367.2	366.2	367.2	367.1	365.1	362.3	358.7	355.6	352.1
60°	392.8	393.1	392.6	391.5	392.6	393.1	392.8	391.5	389.3	386.8	383.9
57.5°	414.5	413.8	412.9	411.7	412.9	413.8	414.5	414.5	413.8	411.9	409.3
55°	437.8	436.6	435.6	434.4	435.6	436.6	437.8	438.2	437.5	434.9	431.5
52.5°	467.1	466.5	465.8	464.7	465.8	466.5	467.1	466.7	465.1	461.2	456.4
50°	507.9	508.6	508.5	507.6	508.5	508.6	507.9	505.7	501.4	494.6	486.4
47.5°	571.4	574.7	577.0	578.4	577.0	574.7	571.4	565.3	555.7	542.9	527.5
45°	666.4	673.2	677.9	681.9	677.9	673.2	666.4	655.1	637.3	615.0	590.5
42.5°	813.0	828.1	835.2	833.4	835.2	828.1	813.0	790.8	759.2	720.1	681.6
40°	1057.6	1082.0	1095.5	1106.2	1095.5	1082.0	1057.6	1016.5	954.9	880.4	821.4
37.5°	1487.2	1534.4	1559.3	1581.0	1559.3	1534.4	1487.2	1404.8	1284.1	1140.7	1047.3
35°	2231.2	2337.6	2394.6	2414.5	2394.6	2337.6	2231.2	2058.5	1827.3	1585.4	1414.9
32.5°	3424.9	3621.2	3729.7	3813.6	3729.7	3621.2	3424.9	3102.9	2689.1	2305.6	1985.9
30°	4902.2	5160.8	5304.4	5374.5	5304.4	5160.8	4902.2	4481.7	3950.6	3411.7	2831.2
27.5°	6416.6	6710.5	6865.3	6857.0	6865.3	6710.5	6416.6	5955.0	5398.1	4730.4	3979.3
25°	7916.3	8256.8	8411.1	8549.1	8411.1	8256.8	7916.3	7388.9	6773.6	6074.5	5266.8
22.5°	9433.2	9831.3	10048.5	10150.4	10048.5	9831.3	9433.2	8843.6	8177.6	7399.1	6537.5
20°	10931.9	11375.1	11605.7	11706.1	11605.7	11375.1	10931.9	10353.4	9602.8	8720.2	7771.4
17.5°	12261.2	12693.8	12913.6	13006.8	12913.6	12693.8	12261.2	11730.3	10945.9	10012.0	8935.6
15°	13322.6	13641.7	13828.6	13878.1	13828.6	13641.7	13322.6	12866.3	12128.9	11170.7	10051.5
12.5°	14056.3	14179.9	14269.7	14297.4	14269.7	14179.9	14056.3	13675.6	13101.6	12154.0	11015.0
10°	14431.4	14375.6	14352.5	14355.5	14352.5	14375.6	14431.4	14153.0	13663.9	12910.0	11852.6
7.5°	14405.6	14323.0	14157.1	14130.7	14157.1	14323.0	14405.6	14340.6	14000.1	13370.5	12395.5
5°	14198.6	14048.2	13772.9	13693.8	13772.9	14048.2	14198.6	14224.2	14053.2	13585.5	12742.8
2.5°	13957.4	13686.3	13432.6	13269.5	13432.6	13686.3	13957.4	14070.1	14040.7	13730.7	13015.7
0°	13885.7	13572.5	13244.2	13138.1	13244.2	13572.5	13885.7	14034.7	14039.8	13784.7	13128.0
-2.5°	13957.4	13686.3	13432.6	13269.5	13432.6	13686.3	13957.4	14070.1	14040.7	13730.7	13015.7
-5°	14198.6	14048.2	13772.9	13693.8	13772.9	14048.2	14198.6	14224.2	14053.2	13585.5	12742.8
-7.5°	14405.6	14323.0	14157.1	14130.7	14157.1	14323.0	14405.6	14340.6	14000.1	13370.5	12395.5
-10°	14431.4	14375.6	14352.5	14355.5	14352.5	14375.6	14431.4	14153.0	13663.9	12910.0	11852.6
-12.5°	14056.3	14179.9	14269.7	14297.4	14269.7	14179.9	14056.3	13675.6	13101.6	12154.0	11015.0
-15°	13322.6	13641.7	13828.6	13878.1	13828.6	13641.7	13322.6	12866.3	12128.9	11170.7	10051.5
-17.5°	12261.2	12693.8	12913.6	13006.8	12913.6	12693.8	12261.2	11730.3	10945.9	10012.0	8935.6
-20°	10931.9	11375.1	11605.7	11706.1	11605.7	11375.1	10931.9	10353.4	9602.8	8720.2	7771.4



REPORT NUMBER: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	9433.2	9831.3	10048.5	10150.4	10048.5	9831.3	9433.2	8843.6	8177.6	7399.1	6537.5
-25°	7916.3	8256.8	8411.1	8549.1	8411.1	8256.8	7916.3	7388.9	6773.6	6074.5	5266.8
-27.5°	6416.6	6710.5	6865.3	6857.0	6865.3	6710.5	6416.6	5955.0	5398.1	4730.4	3979.3
-30°	4902.2	5160.8	5304.4	5374.5	5304.4	5160.8	4902.2	4481.7	3950.6	3411.7	2831.2
-32.5°	3424.9	3621.2	3729.7	3813.6	3729.7	3621.2	3424.9	3102.9	2689.1	2305.6	1985.9
-35°	2231.2	2337.6	2394.6	2414.5	2394.6	2337.6	2231.2	2058.5	1827.3	1585.4	1414.9
-37.5°	1487.2	1534.4	1559.3	1581.0	1559.3	1534.4	1487.2	1404.8	1284.1	1140.7	1047.3
-40°	1057.6	1082.0	1095.5	1106.2	1095.5	1082.0	1057.6	1016.5	954.9	880.4	821.4
-42.5°	813.0	828.1	835.2	833.4	835.2	828.1	813.0	790.8	759.2	720.1	681.6
-45°	666.4	673.2	677.9	681.9	677.9	673.2	666.4	655.1	637.3	615.0	590.5
-47.5°	571.4	574.7	577.0	578.4	577.0	574.7	571.4	565.3	555.7	542.9	527.5
-50°	507.9	508.6	508.5	507.6	508.5	508.6	507.9	505.7	501.4	494.6	486.4
-52.5°	467.1	466.5	465.8	464.7	465.8	466.5	467.1	466.7	465.1	461.2	456.4
-55°	437.8	436.6	435.6	434.4	435.6	436.6	437.8	438.2	437.5	434.9	431.5
-57.5°	414.5	413.8	412.9	411.7	412.9	413.8	414.5	414.5	413.8	411.9	409.3
-60°	392.8	393.1	392.6	391.5	392.6	393.1	392.8	391.5	389.3	386.8	383.9
-62.5°	365.1	367.1	367.2	366.2	367.2	367.1	365.1	362.3	358.7	355.6	352.1
-65°	330.2	332.0	333.0	333.4	333.0	332.0	330.2	327.9	325.0	321.8	317.8
-67.5°	295.6	296.7	296.5	295.5	296.5	296.7	295.6	294.1	292.0	288.8	284.1
-70°	257.1	256.6	257.3	257.6	257.3	256.6	257.1	256.9	256.0	253.6	249.4
-72.5°	218.8	218.8	218.2	217.2	218.2	218.8	218.8	218.3	217.3	215.7	213.0
-75°	181.1	180.9	180.4	179.3	180.4	180.9	181.1	180.9	180.3	179.1	176.7
-77.5°	141.8	140.8	141.2	141.4	141.2	140.8	141.8	142.5	142.6	142.0	139.5
-80°	105.6	105.6	104.7	103.5	104.7	105.6	105.6	105.3	104.7	103.7	102.0
-82.5°	72.4	72.8	71.9	70.7	71.9	72.8	72.4	71.8	71.0	70.1	68.9
-85°	40.6	40.2	39.1	37.9	39.1	40.2	40.6	40.8	41.0	41.0	39.7
-87.5°	13.1	12.6	12.6	12.6	12.6	12.6	13.1	13.7	14.2	14.7	13.9
-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: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	13.1	12.2	11.4	11.8	12.0	12.3	12.4	12.1	11.6	11.2	10.7
85°	38.3	36.8	35.2	34.8	34.2	33.6	32.9	31.4	29.9	28.3	26.6
82.5°	67.5	65.8	64.0	62.7	61.3	59.7	57.8	55.1	52.2	49.4	46.5
80°	100.0	97.7	95.3	93.2	90.8	88.3	85.3	81.0	76.4	72.0	67.8
77.5°	136.6	133.4	129.9	126.3	122.5	118.6	114.2	108.7	103.2	97.5	91.7
75°	173.8	170.3	166.2	161.5	156.3	150.8	144.8	138.3	131.4	124.1	116.9
72.5°	209.8	206.1	201.9	196.9	191.0	184.4	177.1	169.1	160.6	151.8	143.1
70°	245.0	240.3	236.1	231.7	226.2	219.5	210.8	201.1	191.0	180.7	170.7
67.5°	278.8	272.9	268.7	264.8	259.7	253.6	244.6	234.2	222.7	210.8	198.9
65°	312.5	305.8	301.7	298.1	293.3	287.1	277.7	267.0	255.0	241.7	227.9
62.5°	347.7	342.3	337.7	332.4	326.7	319.8	310.3	299.2	287.1	273.1	257.0
60°	380.6	376.6	369.5	362.9	357.1	349.9	338.6	327.9	318.0	301.9	284.7
57.5°	406.2	401.5	394.9	388.0	381.0	371.7	361.7	351.6	340.1	326.6	310.5
55°	427.4	422.3	416.1	409.4	401.8	391.4	381.0	370.3	359.2	347.9	332.2
52.5°	450.8	445.1	437.8	428.9	420.2	410.0	398.4	386.9	376.6	365.0	352.2
50°	478.6	471.7	463.3	453.8	442.1	429.4	417.2	403.9	393.0	381.8	368.7
47.5°	515.9	504.4	492.2	480.9	466.4	451.1	437.1	423.3	410.5	398.4	385.0
45°	571.9	550.4	527.2	511.7	493.3	475.9	457.8	442.4	427.6	413.9	401.5
42.5°	652.4	618.2	586.5	555.7	526.3	504.8	482.3	463.1	445.3	429.1	414.4
40°	768.7	709.6	666.1	617.4	577.8	540.0	511.3	485.1	464.6	445.3	427.5
37.5°	944.3	846.6	774.1	698.2	643.1	590.5	546.2	512.1	484.2	461.9	441.1
35°	1216.0	1063.6	927.7	820.3	722.7	653.5	591.6	543.9	508.0	478.9	454.7
32.5°	1640.6	1398.7	1152.1	993.3	842.7	729.7	650.1	584.4	533.6	498.9	469.8
30°	2300.9	1874.5	1511.6	1215.5	1008.9	836.2	715.2	634.8	569.9	519.1	485.2
27.5°	3259.4	2512.3	2004.6	1543.1	1209.8	982.9	809.5	688.8	608.0	547.5	502.8
25°	4378.2	3483.9	2614.6	1990.4	1499.6	1148.8	919.6	764.3	655.3	577.0	518.2
22.5°	5557.4	4508.8	3466.8	2494.8	1859.1	1391.4	1061.7	840.6	699.9	608.5	540.7
20°	6727.4	5543.4	4356.2	3244.7	2296.9	1628.9	1216.3	941.7	762.1	643.8	562.0
17.5°	7802.7	6558.9	5258.2	3972.9	2836.0	1990.1	1412.3	1043.9	816.4	675.2	580.5
15°	8820.9	7507.8	6135.7	4745.6	3412.1	2308.3	1579.4	1133.0	872.8	711.6	604.6
12.5°	9743.1	8360.0	6916.2	5409.9	3923.7	2664.8	1802.2	1264.3	942.2	749.4	627.4
10°	10548.1	9071.3	7533.0	5968.0	4418.2	3033.9	2012.8	1376.3	1002.3	780.8	646.0
7.5°	11126.2	9631.3	8023.0	6419.2	4820.4	3351.1	2191.8	1464.9	1049.5	804.8	660.4
5°	11551.3	10068.0	8431.6	6785.8	5118.9	3588.2	2325.5	1527.3	1083.3	821.4	670.4
2.5°	11842.9	10344.4	8705.0	7026.3	5292.2	3727.5	2410.7	1560.8	1099.2	834.5	675.9
0°	11925.8	10423.1	8773.9	7152.5	5318.9	3745.5	2444.8	1565.9	1098.6	841.0	676.9
-2.5°	11842.9	10344.4	8705.0	7026.3	5292.2	3727.5	2410.7	1560.8	1099.2	834.5	675.9
-5°	11551.3	10068.0	8431.6	6785.8	5118.9	3588.2	2325.5	1527.3	1083.3	821.4	670.4
-7.5°	11126.2	9631.3	8023.0	6419.2	4820.4	3351.1	2191.8	1464.9	1049.5	804.8	660.4
-10°	10548.1	9071.3	7533.0	5968.0	4418.2	3033.9	2012.8	1376.3	1002.3	780.8	646.0
-12.5°	9743.1	8360.0	6916.2	5409.9	3923.7	2664.8	1802.2	1264.3	942.2	749.4	627.4
-15°	8820.9	7507.8	6135.7	4745.6	3412.1	2308.3	1579.4	1133.0	872.8	711.6	604.6
-17.5°	7802.7	6558.9	5258.2	3972.9	2836.0	1990.1	1412.3	1043.9	816.4	675.2	580.5
-20°	6727.4	5543.4	4356.2	3244.7	2296.9	1628.9	1216.3	941.7	762.1	643.8	562.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5557.4	4508.8	3466.8	2494.8	1859.1	1391.4	1061.7	840.6	699.9	608.5	540.7
-25°	4378.2	3483.9	2614.6	1990.4	1499.6	1148.8	919.6	764.3	655.3	577.0	518.2
-27.5°	3259.4	2512.3	2004.6	1543.1	1209.8	982.9	809.5	688.8	608.0	547.5	502.8
-30°	2300.9	1874.5	1511.6	1215.5	1008.9	836.2	715.2	634.8	569.9	519.1	485.2
-32.5°	1640.6	1398.7	1152.1	993.3	842.7	729.7	650.1	584.4	533.6	498.9	469.8
-35°	1216.0	1063.6	927.7	820.3	722.7	653.5	591.6	543.9	508.0	478.9	454.7
-37.5°	944.3	846.6	774.1	698.2	643.1	590.5	546.2	512.1	484.2	461.9	441.1
-40°	768.7	709.6	666.1	617.4	577.8	540.0	511.3	485.1	464.6	445.3	427.5
-42.5°	652.4	618.2	586.5	555.7	526.3	504.8	482.3	463.1	445.3	429.1	414.4
-45°	571.9	550.4	527.2	511.7	493.3	475.9	457.8	442.4	427.6	413.9	401.5
-47.5°	515.9	504.4	492.2	480.9	466.4	451.1	437.1	423.3	410.5	398.4	385.0
-50°	478.6	471.7	463.3	453.8	442.1	429.4	417.2	403.9	393.0	381.8	368.7
-52.5°	450.8	445.1	437.8	428.9	420.2	410.0	398.4	386.9	376.6	365.0	352.2
-55°	427.4	422.3	416.1	409.4	401.8	391.4	381.0	370.3	359.2	347.9	332.2
-57.5°	406.2	401.5	394.9	388.0	381.0	371.7	361.7	351.6	340.1	326.6	310.5
-60°	380.6	376.6	369.5	362.9	357.1	349.9	338.6	327.9	318.0	301.9	284.7
-62.5°	347.7	342.3	337.7	332.4	326.7	319.8	310.3	299.2	287.1	273.1	257.0
-65°	312.5	305.8	301.7	298.1	293.3	287.1	277.7	267.0	255.0	241.7	227.9
-67.5°	278.8	272.9	268.7	264.8	259.7	253.6	244.6	234.2	222.7	210.8	198.9
-70°	245.0	240.3	236.1	231.7	226.2	219.5	210.8	201.1	191.0	180.7	170.7
-72.5°	209.8	206.1	201.9	196.9	191.0	184.4	177.1	169.1	160.6	151.8	143.1
-75°	173.8	170.3	166.2	161.5	156.3	150.8	144.8	138.3	131.4	124.1	116.9
-77.5°	136.6	133.4	129.9	126.3	122.5	118.6	114.2	108.7	103.2	97.5	91.7
-80°	100.0	97.7	95.3	93.2	90.8	88.3	85.3	81.0	76.4	72.0	67.8
-82.5°	67.5	65.8	64.0	62.7	61.3	59.7	57.8	55.1	52.2	49.4	46.5
-85°	38.3	36.8	35.2	34.8	34.2	33.6	32.9	31.4	29.9	28.3	26.6
-87.5°	13.1	12.2	11.4	11.8	12.0	12.3	12.4	12.1	11.6	11.2	10.7
-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: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.6	4.8	4.0
85°	24.9	23.1	21.2	19.2	17.2	15.2	14.0	12.8	11.1	9.5	7.9
82.5°	43.6	40.8	38.0	35.0	31.6	28.3	25.0	21.8	18.3	14.5	11.9
80°	64.0	60.0	55.8	51.5	46.6	41.4	36.8	32.4	28.1	23.4	18.6
77.5°	86.1	80.2	74.2	68.7	63.0	56.9	50.4	43.7	37.8	32.4	26.6
75°	109.7	102.6	95.4	87.9	80.2	72.4	65.0	57.2	49.4	41.4	34.5
72.5°	134.7	126.0	116.9	107.6	98.7	89.4	80.0	70.6	61.5	52.2	42.9
70°	160.4	149.7	139.2	128.7	117.8	106.4	95.7	84.6	73.5	62.9	52.2
67.5°	186.6	174.6	162.2	149.9	137.7	124.9	111.5	98.5	85.9	73.5	61.5
65°	214.2	200.0	185.4	171.5	157.5	143.6	128.8	112.7	98.0	84.1	70.6
62.5°	241.3	225.8	209.4	192.8	177.0	161.5	145.8	127.9	110.2	94.5	79.6
60°	267.6	250.2	232.6	214.2	196.2	178.9	161.5	142.7	123.4	104.7	88.3
57.5°	291.7	273.5	253.8	234.4	215.0	195.9	176.6	156.7	136.2	115.7	96.9
55°	314.4	294.5	273.9	253.0	232.7	212.3	191.4	170.1	148.6	126.6	105.2
52.5°	335.6	314.9	293.1	270.8	248.8	227.7	205.7	183.1	160.3	137.2	114.4
50°	354.2	334.7	311.6	288.1	264.2	242.0	219.6	195.7	171.6	147.3	123.3
47.5°	369.8	351.9	329.6	304.9	279.7	255.9	232.6	207.9	182.6	157.0	131.9
45°	385.1	367.8	346.2	321.0	295.0	269.9	245.1	219.7	193.1	166.4	140.0
42.5°	399.4	382.1	362.0	336.5	309.7	283.3	257.3	230.7	203.2	175.3	147.8
40°	411.6	394.6	376.8	351.4	323.5	296.0	268.9	241.4	212.8	183.8	155.2
37.5°	423.4	406.1	387.7	365.4	336.4	307.9	279.7	251.6	222.1	192.0	162.1
35°	434.9	417.0	397.5	376.3	348.5	318.9	289.9	261.2	230.8	199.9	168.6
32.5°	445.2	426.7	406.5	385.1	359.6	329.2	299.3	269.6	238.9	207.3	174.6
30°	457.4	434.9	414.6	393.7	369.1	338.5	307.9	277.5	246.4	214.3	180.3
27.5°	469.1	442.8	421.9	400.9	376.5	347.1	315.9	284.7	253.2	220.7	185.9
25°	480.4	451.9	428.6	406.9	383.6	355.2	323.3	291.3	259.2	226.2	191.1
22.5°	493.4	460.1	434.9	412.2	390.5	362.6	330.0	297.3	264.6	231.2	195.8
20°	505.0	467.0	440.8	417.1	395.6	368.1	336.0	302.7	269.3	235.6	200.1
17.5°	516.2	474.7	446.4	421.9	399.4	373.0	341.2	307.4	273.5	239.5	203.9
15°	531.9	483.5	451.4	425.9	402.6	377.1	345.7	311.4	277.1	242.7	207.3
12.5°	545.3	490.9	455.4	429.2	405.3	380.5	349.4	314.7	280.0	245.6	210.3
10°	556.2	496.8	458.6	431.8	407.3	383.2	352.3	317.6	282.8	248.1	212.8
7.5°	564.5	501.2	460.9	433.6	408.7	385.2	355.0	320.1	285.0	250.1	214.7
5°	570.1	504.1	462.8	434.6	409.5	386.4	357.0	321.9	286.6	251.5	216.1
2.5°	573.1	505.4	464.2	434.9	409.6	386.8	358.2	322.9	287.6	252.3	216.9
0°	573.3	505.1	464.7	434.4	409.1	386.4	358.6	323.3	287.9	252.6	217.2
-2.5°	573.1	505.4	464.2	434.9	409.6	386.8	358.2	322.9	287.6	252.3	216.9
-5°	570.1	504.1	462.8	434.6	409.5	386.4	357.0	321.9	286.6	251.5	216.1
-7.5°	564.5	501.2	460.9	433.6	408.7	385.2	355.0	320.1	285.0	250.1	214.7
-10°	556.2	496.8	458.6	431.8	407.3	383.2	352.3	317.6	282.8	248.1	212.8
-12.5°	545.3	490.9	455.4	429.2	405.3	380.5	349.4	314.7	280.0	245.6	210.3
-15°	531.9	483.5	451.4	425.9	402.6	377.1	345.7	311.4	277.1	242.7	207.3
-17.5°	516.2	474.7	446.4	421.9	399.4	373.0	341.2	307.4	273.5	239.5	203.9
-20°	505.0	467.0	440.8	417.1	395.6	368.1	336.0	302.7	269.3	235.6	200.1

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626927 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	493.4	460.1	434.9	412.2	390.5	362.6	330.0	297.3	264.6	231.2	195.8
-25°	480.4	451.9	428.6	406.9	383.6	355.2	323.3	291.3	259.2	226.2	191.1
-27.5°	469.1	442.8	421.9	400.9	376.5	347.1	315.9	284.7	253.2	220.7	185.9
-30°	457.4	434.9	414.6	393.7	369.1	338.5	307.9	277.5	246.4	214.3	180.3
-32.5°	445.2	426.7	406.5	385.1	359.6	329.2	299.3	269.6	238.9	207.3	174.6
-35°	434.9	417.0	397.5	376.3	348.5	318.9	289.9	261.2	230.8	199.9	168.6
-37.5°	423.4	406.1	387.7	365.4	336.4	307.9	279.7	251.6	222.1	192.0	162.1
-40°	411.6	394.6	376.8	351.4	323.5	296.0	268.9	241.4	212.8	183.8	155.2
-42.5°	399.4	382.1	362.0	336.5	309.7	283.3	257.3	230.7	203.2	175.3	147.8
-45°	385.1	367.8	346.2	321.0	295.0	269.9	245.1	219.7	193.1	166.4	140.0
-47.5°	369.8	351.9	329.6	304.9	279.7	255.9	232.6	207.9	182.6	157.0	131.9
-50°	354.2	334.7	311.6	288.1	264.2	242.0	219.6	195.7	171.6	147.3	123.3
-52.5°	335.6	314.9	293.1	270.8	248.8	227.7	205.7	183.1	160.3	137.2	114.4
-55°	314.4	294.5	273.9	253.0	232.7	212.3	191.4	170.1	148.6	126.6	105.2
-57.5°	291.7	273.5	253.8	234.4	215.0	195.9	176.6	156.7	136.2	115.7	96.9
-60°	267.6	250.2	232.6	214.2	196.2	178.9	161.5	142.7	123.4	104.7	88.3
-62.5°	241.3	225.8	209.4	192.8	177.0	161.5	145.8	127.9	110.2	94.5	79.6
-65°	214.2	200.0	185.4	171.5	157.5	143.6	128.8	112.7	98.0	84.1	70.6
-67.5°	186.6	174.6	162.2	149.9	137.7	124.9	111.5	98.5	85.9	73.5	61.5
-70°	160.4	149.7	139.2	128.7	117.8	106.4	95.7	84.6	73.5	62.9	52.2
-72.5°	134.7	126.0	116.9	107.6	98.7	89.4	80.0	70.6	61.5	52.2	42.9
-75°	109.7	102.6	95.4	87.9	80.2	72.4	65.0	57.2	49.4	41.4	34.5
-77.5°	86.1	80.2	74.2	68.7	63.0	56.9	50.4	43.7	37.8	32.4	26.6
-80°	64.0	60.0	55.8	51.5	46.6	41.4	36.8	32.4	28.1	23.4	18.6
-82.5°	43.6	40.8	38.0	35.0	31.6	28.3	25.0	21.8	18.3	14.5	11.9
-85°	24.9	23.1	21.2	19.2	17.2	15.2	14.0	12.8	11.1	9.5	7.9
-87.5°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.6	4.8	4.0
-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



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CATALOG NUMBER: GFLD-SA2C-740-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°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
80°	13.4	10.9	8.7	6.5	4.4	2.2	0.0
77.5°	20.5	14.7	10.9	8.2	5.4	2.7	0.0
75°	27.5	20.5	13.4	9.8	6.5	3.3	0.0
72.5°	34.4	26.3	18.1	11.3	7.6	3.8	0.0
70°	41.4	32.0	22.7	13.3	8.6	4.3	0.0
67.5°	49.3	37.6	27.2	16.6	9.6	4.8	0.0
65°	57.0	43.6	31.6	20.0	10.6	5.3	0.0
62.5°	64.5	49.8	35.9	23.2	11.6	5.8	0.0
60°	71.9	55.8	40.2	26.4	12.6	6.3	0.0
57.5°	79.2	61.7	44.8	29.5	14.6	6.8	0.0
55°	86.5	67.4	49.3	32.5	16.6	7.2	0.0
52.5°	93.5	72.9	53.7	35.5	18.5	7.7	0.0
50°	100.4	78.7	57.9	38.3	20.3	8.1	0.0
47.5°	107.1	84.2	61.9	41.1	22.1	8.5	0.0
45°	114.1	89.6	65.7	44.0	23.8	8.9	0.0
42.5°	120.8	94.8	69.4	46.7	25.4	9.3	0.0
40°	127.1	99.8	73.1	49.3	26.9	9.7	0.0
37.5°	133.0	104.5	76.9	51.6	28.3	10.0	0.0
35°	138.6	109.1	80.4	53.8	29.6	10.3	0.0
32.5°	143.8	113.5	83.8	55.9	30.9	10.6	0.0
30°	148.6	117.6	87.0	57.8	32.0	10.9	0.0
27.5°	153.0	121.3	89.8	59.6	33.1	11.2	0.0
25°	157.0	124.7	92.3	61.2	34.0	11.4	0.0
22.5°	160.6	127.7	94.6	62.7	34.9	11.6	0.0
20°	163.8	130.3	96.7	64.0	35.6	11.8	0.0
17.5°	166.7	132.5	98.5	65.1	36.2	12.0	0.0
15°	169.3	134.4	100.0	66.1	36.8	12.2	0.0
12.5°	171.5	136.0	101.3	66.8	37.2	12.3	0.0
10°	173.4	137.3	102.2	67.5	37.6	12.4	0.0
7.5°	174.9	138.2	103.0	67.9	37.8	12.5	0.0
5°	175.9	138.8	103.4	68.2	37.9	12.6	0.0
2.5°	176.6	139.0	103.6	68.3	38.0	12.6	0.0
0°	176.8	138.9	103.5	68.2	37.9	12.6	0.0
-2.5°	176.6	139.0	103.6	68.3	38.0	12.6	0.0
-5°	175.9	138.8	103.4	68.2	37.9	12.6	0.0
-7.5°	174.9	138.2	103.0	67.9	37.8	12.5	0.0
-10°	173.4	137.3	102.2	67.5	37.6	12.4	0.0
-12.5°	171.5	136.0	101.3	66.8	37.2	12.3	0.0
-15°	169.3	134.4	100.0	66.1	36.8	12.2	0.0
-17.5°	166.7	132.5	98.5	65.1	36.2	12.0	0.0
-20°	163.8	130.3	96.7	64.0	35.6	11.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	160.6	127.7	94.6	62.7	34.9	11.6	0.0
-25°	157.0	124.7	92.3	61.2	34.0	11.4	0.0
-27.5°	153.0	121.3	89.8	59.6	33.1	11.2	0.0
-30°	148.6	117.6	87.0	57.8	32.0	10.9	0.0
-32.5°	143.8	113.5	83.8	55.9	30.9	10.6	0.0
-35°	138.6	109.1	80.4	53.8	29.6	10.3	0.0
-37.5°	133.0	104.5	76.9	51.6	28.3	10.0	0.0
-40°	127.1	99.8	73.1	49.3	26.9	9.7	0.0
-42.5°	120.8	94.8	69.4	46.7	25.4	9.3	0.0
-45°	114.1	89.6	65.7	44.0	23.8	8.9	0.0
-47.5°	107.1	84.2	61.9	41.1	22.1	8.5	0.0
-50°	100.4	78.7	57.9	38.3	20.3	8.1	0.0
-52.5°	93.5	72.9	53.7	35.5	18.5	7.7	0.0
-55°	86.5	67.4	49.3	32.5	16.6	7.2	0.0
-57.5°	79.2	61.7	44.8	29.5	14.6	6.8	0.0
-60°	71.9	55.8	40.2	26.4	12.6	6.3	0.0
-62.5°	64.5	49.8	35.9	23.2	11.6	5.8	0.0
-65°	57.0	43.6	31.6	20.0	10.6	5.3	0.0
-67.5°	49.3	37.6	27.2	16.6	9.6	4.8	0.0
-70°	41.4	32.0	22.7	13.3	8.6	4.3	0.0
-72.5°	34.4	26.3	18.1	11.3	7.6	3.8	0.0
-75°	27.5	20.5	13.4	9.8	6.5	3.3	0.0
-77.5°	20.5	14.7	10.9	8.2	5.4	2.7	0.0
-80°	13.4	10.9	8.7	6.5	4.4	2.2	0.0
-82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
-85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)