

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: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626867 (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-SA2B-740-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N51  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9900.5 lumens  
Efficiency: N/A  
Efficacy: 155.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 11632.6 candela  
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V  
Beam Lumens: 6571.3 lumens  
Beam Efficiency: 66.4%

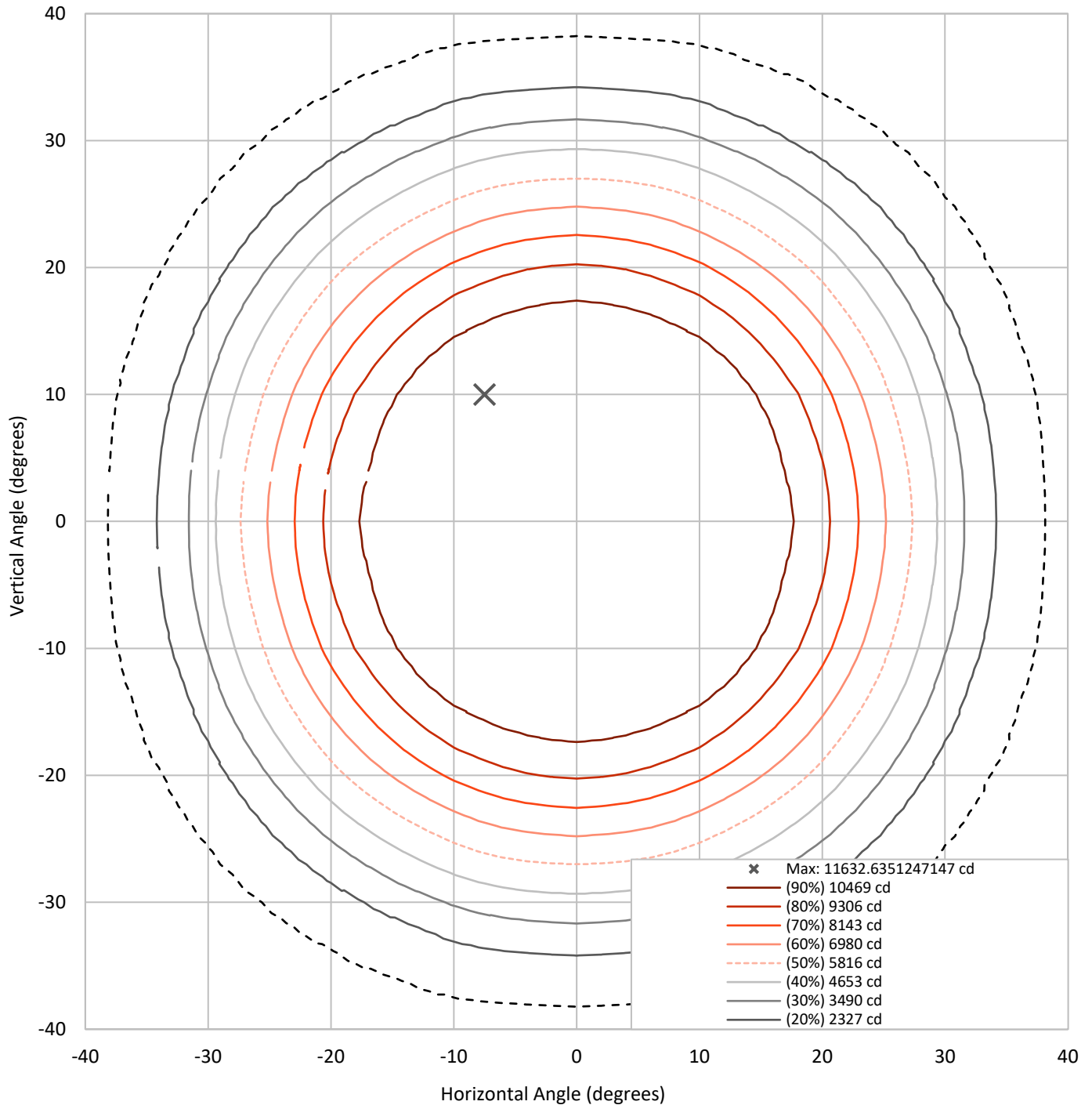
Field Angle (10%): 74.5°H x 75.5°V  
Field Lumens: 8544.6 lumens  
Field Efficiency: 86.3%

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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CATALOG NUMBER: GFLD-SA2B-740-U-MWR-XX

### Iso-Candela Plot





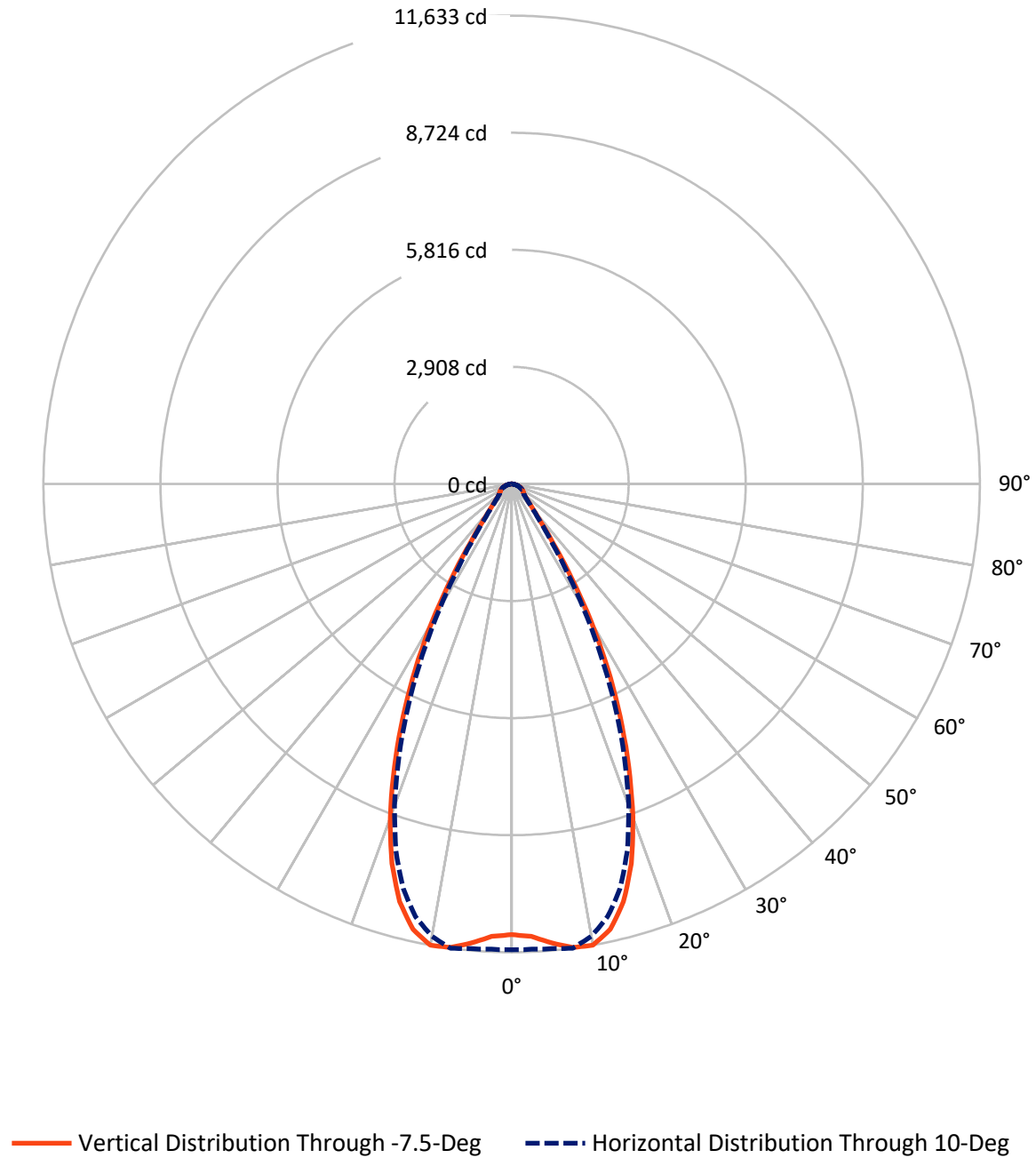
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### Lumen Table

90																			
80	0.3	2.3		6.2		9.8		11.0		9.8		6.2		2.3		0.3			
70																			
60	1.1	1.2	2.4	4.0	5.5	6.7	7.6	8.1	8.1	7.6	6.7	5.5	4.0	2.4	1.2	1.1			
50		1.8	3.6	5.7	7.6	9.2	10.3	10.8	10.8	10.3	9.2	7.6	5.7	3.6	1.8				
40	1.9	2.3	4.5	6.9	9.3	12.1	15.2	17.5	17.5	15.2	12.1	9.3	6.9	4.5	2.3	1.9			
30		2.7	5.3	8.0	12.3	22.5	43.1	63.8	63.8	43.1	22.5	12.3	8.0	5.3	2.7				
20	2.4	3.1	5.7	9.3	20.3	63.6	142.6	199.1	199.1	142.6	63.6	20.3	9.3	5.7	3.1	2.4			
10		3.3	6.0	11.0	36.7	135.5	258.7	323.8	323.8	258.7	135.5	36.7	11.0	6.0	3.3				
0	2.6	3.4	6.2	12.4	52.8	185.4	313.9	341.5	341.5	313.9	185.4	52.8	12.4	6.2	3.4	2.6			
-10		3.4	6.2	12.4	52.8	185.4	313.9	341.5	341.5	313.9	185.4	52.8	12.4	6.2	3.4				
-20	2.4	3.3	6.0	11.0	36.7	135.5	258.7	323.8	323.8	258.7	135.5	36.7	11.0	6.0	3.3	2.4			
-30		3.1	5.7	9.3	20.3	63.6	142.6	199.1	199.1	142.6	63.6	20.3	9.3	5.7	3.1				
-40	1.9	2.7	5.3	8.0	12.3	22.5	43.1	63.8	63.8	43.1	22.5	12.3	8.0	5.3	2.7	1.9			
-50		2.3	4.5	6.9	9.3	12.1	15.2	17.5	17.5	15.2	12.1	9.3	6.9	4.5	2.3				
-60	1.1	1.8	3.6	5.7	7.6	9.2	10.3	10.8	10.8	10.3	9.2	7.6	5.7	3.6	1.8	1.1			
-70		1.2	2.4	4.0	5.5	6.7	7.6	8.1	8.1	7.6	6.7	5.5	4.0	2.4	1.2				
-80																			
-90	0.3	2.3		6.2		9.8		11.0		9.8		6.2		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

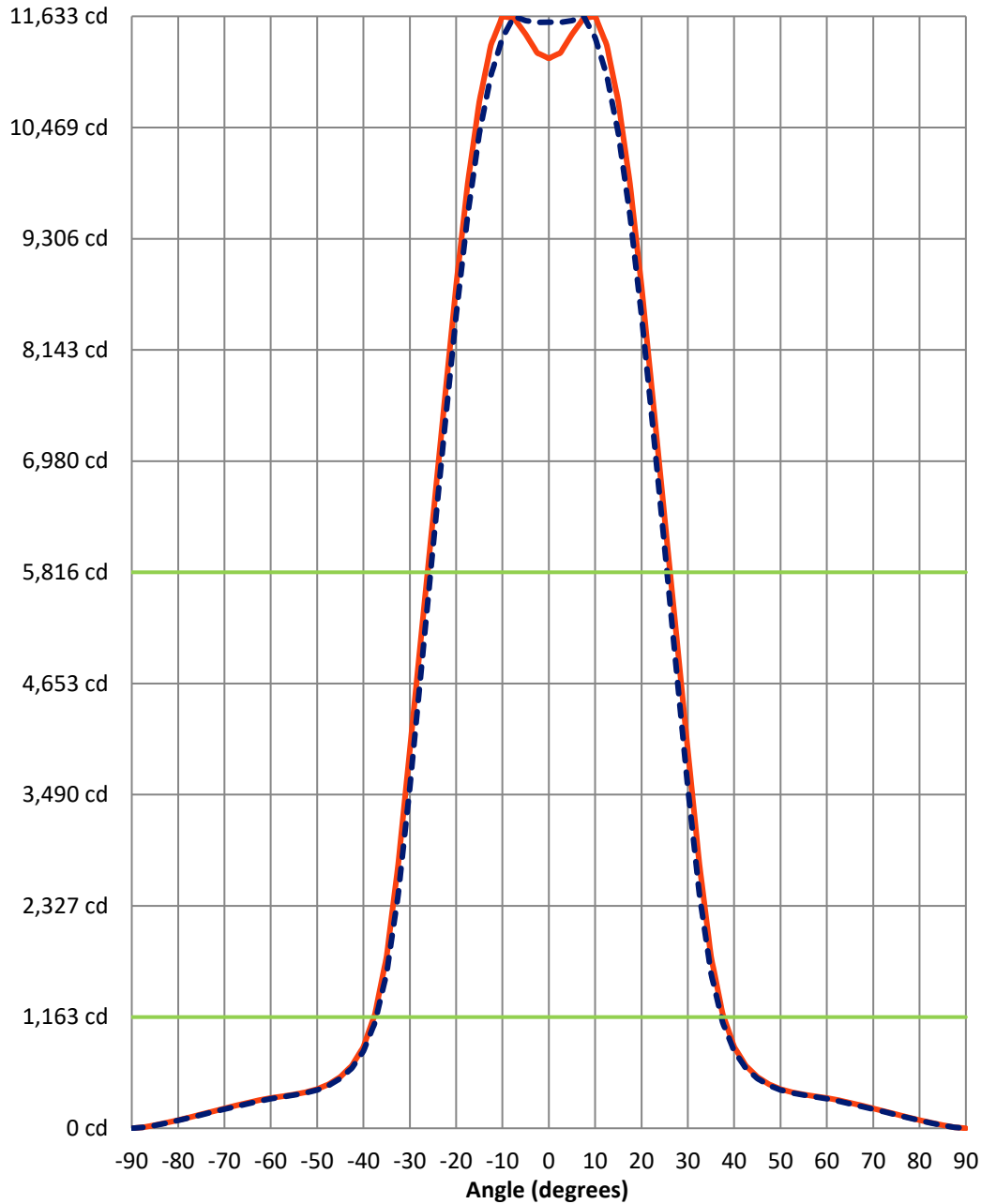
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 6571.3  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 8544.6  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 1355.8  
 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	0.4	0.9	1.3	1.8	2.2	2.6	3.2	3.8	4.5	5.2
85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.6	8.9	10.3
82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.6	11.7	14.7	17.6
80°	0.0	1.8	3.5	5.3	7.0	8.8	10.9	15.0	18.9	22.6	26.1
77.5°	0.0	2.2	4.4	6.6	8.8	11.9	16.6	21.5	26.1	30.5	35.2
75°	0.0	2.6	5.3	7.9	10.9	16.6	22.2	27.9	33.4	39.8	46.1
72.5°	0.0	3.1	6.1	9.2	14.6	21.2	27.8	34.6	42.1	49.6	56.9
70°	0.0	3.5	7.0	10.7	18.3	25.8	33.4	42.1	50.7	59.2	68.2
67.5°	0.0	3.9	7.8	13.5	21.9	30.4	39.8	49.6	59.2	69.2	79.4
65°	0.0	4.3	8.6	16.1	25.5	35.1	46.0	56.9	67.8	79.0	90.8
62.5°	0.0	4.7	9.4	18.8	29.0	40.1	52.0	64.1	76.2	88.8	103.1
60°	0.0	5.1	10.2	21.3	32.4	45.0	57.9	71.2	84.3	99.4	115.0
57.5°	0.0	5.5	11.8	23.8	36.1	49.7	63.9	78.1	93.2	109.8	126.3
55°	0.0	5.8	13.4	26.3	39.8	54.3	69.7	84.8	102.0	119.7	137.1
52.5°	0.0	6.2	15.0	28.6	43.3	58.8	75.4	92.1	110.5	129.2	147.6
50°	0.0	6.6	16.4	30.9	46.7	63.4	80.9	99.3	118.7	138.3	157.8
47.5°	0.0	6.9	17.9	33.2	49.9	67.9	86.3	106.2	126.5	147.2	167.6
45°	0.0	7.2	19.2	35.5	53.0	72.2	92.0	112.8	134.1	155.7	177.1
42.5°	0.0	7.5	20.5	37.7	55.9	76.4	97.3	119.1	141.3	163.8	186.0
40°	0.0	7.8	21.7	39.7	58.9	80.4	102.4	125.1	148.2	171.5	194.6
37.5°	0.0	8.1	22.8	41.6	62.0	84.2	107.2	130.7	154.8	179.0	202.9
35°	0.0	8.4	23.9	43.4	64.8	88.0	111.7	135.9	161.1	186.1	210.6
32.5°	0.0	8.6	24.9	45.1	67.6	91.5	115.9	140.8	167.1	192.6	217.4
30°	0.0	8.8	25.8	46.6	70.1	94.7	119.8	145.3	172.8	198.6	223.7
27.5°	0.0	9.0	26.7	48.1	72.4	97.8	123.3	149.8	177.9	204.1	229.5
25°	0.0	9.2	27.4	49.4	74.4	100.5	126.6	154.0	182.4	209.0	234.9
22.5°	0.0	9.4	28.1	50.5	76.3	102.9	129.5	157.8	186.4	213.3	239.7
20°	0.0	9.6	28.7	51.6	77.9	105.0	132.0	161.3	190.0	217.1	244.0
17.5°	0.0	9.7	29.2	52.5	79.4	106.8	134.4	164.3	193.0	220.5	247.8
15°	0.0	9.9	29.6	53.3	80.6	108.4	136.5	167.1	195.7	223.4	251.0
12.5°	0.0	10.0	30.0	53.9	81.6	109.7	138.3	169.5	198.0	225.8	253.7
10°	0.0	10.0	30.2	54.4	82.5	110.7	139.8	171.5	200.0	228.0	256.0
7.5°	0.0	10.1	30.4	54.8	83.0	111.4	140.9	173.1	201.6	229.8	258.0
5°	0.0	10.2	30.5	55.0	83.4	111.9	141.8	174.2	202.7	231.1	259.4
2.5°	0.0	10.2	30.6	55.1	83.6	112.1	142.3	174.9	203.4	231.8	260.3
0°	0.0	10.2	30.5	55.0	83.5	112.0	142.5	175.1	203.6	232.1	260.6
-2.5°	0.0	10.2	30.6	55.1	83.6	112.1	142.3	174.9	203.4	231.8	260.3
-5°	0.0	10.2	30.5	55.0	83.4	111.9	141.8	174.2	202.7	231.1	259.4
-7.5°	0.0	10.1	30.4	54.8	83.0	111.4	140.9	173.1	201.6	229.8	258.0
-10°	0.0	10.0	30.2	54.4	82.5	110.7	139.8	171.5	200.0	228.0	256.0
-12.5°	0.0	10.0	30.0	53.9	81.6	109.7	138.3	169.5	198.0	225.8	253.7
-15°	0.0	9.9	29.6	53.3	80.6	108.4	136.5	167.1	195.7	223.4	251.0
-17.5°	0.0	9.7	29.2	52.5	79.4	106.8	134.4	164.3	193.0	220.5	247.8
-20°	0.0	9.6	28.7	51.6	77.9	105.0	132.0	161.3	190.0	217.1	244.0

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Scaled Data Report



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	9.4	28.1	50.5	76.3	102.9	129.5	157.8	186.4	213.3	239.7
-25°	0.0	9.2	27.4	49.4	74.4	100.5	126.6	154.0	182.4	209.0	234.9
-27.5°	0.0	9.0	26.7	48.1	72.4	97.8	123.3	149.8	177.9	204.1	229.5
-30°	0.0	8.8	25.8	46.6	70.1	94.7	119.8	145.3	172.8	198.6	223.7
-32.5°	0.0	8.6	24.9	45.1	67.6	91.5	115.9	140.8	167.1	192.6	217.4
-35°	0.0	8.4	23.9	43.4	64.8	88.0	111.7	135.9	161.1	186.1	210.6
-37.5°	0.0	8.1	22.8	41.6	62.0	84.2	107.2	130.7	154.8	179.0	202.9
-40°	0.0	7.8	21.7	39.7	58.9	80.4	102.4	125.1	148.2	171.5	194.6
-42.5°	0.0	7.5	20.5	37.7	55.9	76.4	97.3	119.1	141.3	163.8	186.0
-45°	0.0	7.2	19.2	35.5	53.0	72.2	92.0	112.8	134.1	155.7	177.1
-47.5°	0.0	6.9	17.9	33.2	49.9	67.9	86.3	106.2	126.5	147.2	167.6
-50°	0.0	6.6	16.4	30.9	46.7	63.4	80.9	99.3	118.7	138.3	157.8
-52.5°	0.0	6.2	15.0	28.6	43.3	58.8	75.4	92.1	110.5	129.2	147.6
-55°	0.0	5.8	13.4	26.3	39.8	54.3	69.7	84.8	102.0	119.7	137.1
-57.5°	0.0	5.5	11.8	23.8	36.1	49.7	63.9	78.1	93.2	109.8	126.3
-60°	0.0	5.1	10.2	21.3	32.4	45.0	57.9	71.2	84.3	99.4	115.0
-62.5°	0.0	4.7	9.4	18.8	29.0	40.1	52.0	64.1	76.2	88.8	103.1
-65°	0.0	4.3	8.6	16.1	25.5	35.1	46.0	56.9	67.8	79.0	90.8
-67.5°	0.0	3.9	7.8	13.5	21.9	30.4	39.8	49.6	59.2	69.2	79.4
-70°	0.0	3.5	7.0	10.7	18.3	25.8	33.4	42.1	50.7	59.2	68.2
-72.5°	0.0	3.1	6.1	9.2	14.6	21.2	27.8	34.6	42.1	49.6	56.9
-75°	0.0	2.6	5.3	7.9	10.9	16.6	22.2	27.9	33.4	39.8	46.1
-77.5°	0.0	2.2	4.4	6.6	8.8	11.9	16.6	21.5	26.1	30.5	35.2
-80°	0.0	1.8	3.5	5.3	7.0	8.8	10.9	15.0	18.9	22.6	26.1
-82.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.6	11.7	14.7	17.6
-85°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.4	7.6	8.9	10.3
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.2	3.8	4.5	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
85°	11.3	12.2	13.8	15.5	17.1	18.6	20.0	21.5	22.8	24.1	25.3
82.5°	20.2	22.8	25.5	28.2	30.6	32.9	35.2	37.5	39.8	42.1	44.4
80°	29.7	33.4	37.6	41.5	45.0	48.3	51.6	54.6	58.0	61.6	65.3
77.5°	40.6	45.9	50.8	55.4	59.8	64.7	69.4	73.9	78.6	83.2	87.7
75°	52.4	58.3	64.6	70.8	76.8	82.7	88.4	94.2	100.1	105.9	111.5
72.5°	64.5	72.1	79.5	86.7	94.2	101.5	108.6	115.4	122.3	129.5	136.3
70°	77.1	85.8	94.9	103.7	112.2	120.7	129.3	137.5	145.6	153.9	162.1
67.5°	89.8	100.7	111.0	120.8	130.7	140.7	150.4	160.3	169.9	179.6	188.8
65°	103.8	115.7	127.0	138.2	149.4	161.2	172.7	183.7	194.9	205.6	215.3
62.5°	117.5	130.2	142.6	155.4	168.8	182.1	194.6	207.2	220.1	231.4	241.2
60°	130.2	144.2	158.1	172.7	187.6	201.7	215.7	229.5	243.4	256.3	264.3
57.5°	142.3	157.8	173.3	189.0	204.6	220.4	235.2	250.3	263.2	274.1	283.4
55°	154.2	171.1	187.6	204.0	220.8	237.4	253.4	267.8	280.4	289.5	298.5
52.5°	165.8	183.6	200.6	218.3	236.2	253.8	270.6	283.9	294.2	303.6	311.9
50°	177.0	195.1	213.0	232.3	251.2	269.8	285.5	297.2	307.7	316.8	325.5
47.5°	187.5	206.3	225.5	245.7	265.7	283.7	298.1	310.3	321.1	330.9	341.2
45°	197.6	217.6	237.8	258.8	279.1	296.5	310.4	323.6	333.6	344.7	356.6
42.5°	207.4	228.4	249.6	271.3	291.8	308.0	322.0	334.0	345.8	358.9	373.3
40°	216.8	238.6	260.8	283.3	303.8	318.1	331.8	344.6	358.9	374.5	391.1
37.5°	225.5	248.2	271.2	294.5	312.6	327.4	341.3	355.6	372.3	390.3	412.9
35°	233.7	257.1	280.9	303.3	320.5	336.1	350.6	366.5	386.0	409.5	438.4
32.5°	241.3	265.4	289.9	310.4	327.7	344.0	358.8	378.7	402.1	430.1	471.1
30°	248.2	272.9	297.5	317.4	334.2	350.6	368.7	391.1	418.5	459.4	511.7
27.5°	254.7	279.8	303.5	323.2	340.1	356.9	378.1	405.2	441.3	490.1	555.2
25°	260.7	286.4	309.3	328.0	345.5	364.2	387.2	417.7	465.1	528.2	616.1
22.5°	266.0	292.3	314.7	332.2	350.6	370.9	397.7	435.8	490.5	564.1	677.5
20°	270.8	296.7	318.9	336.2	355.3	376.4	407.1	453.0	519.0	614.3	759.0
17.5°	275.1	300.7	321.9	340.0	359.9	382.6	416.2	467.9	544.3	658.0	841.5
15°	278.7	304.0	324.5	343.3	363.9	389.8	428.8	487.4	573.6	703.6	913.3
12.5°	281.7	306.7	326.7	346.0	367.1	395.7	439.6	505.7	604.1	759.5	1019.1
10°	284.0	308.9	328.3	348.0	369.7	400.5	448.4	520.8	629.4	807.9	1109.4
7.5°	286.2	310.5	329.4	349.5	371.5	404.0	455.1	532.3	648.7	845.9	1180.9
5°	287.8	311.5	330.1	350.4	373.1	406.4	459.6	540.3	662.1	873.1	1231.1
2.5°	288.8	311.8	330.2	350.6	374.2	407.4	462.0	544.8	672.6	886.0	1258.1
0°	289.1	311.5	329.8	350.2	374.6	407.2	462.1	545.6	677.9	885.6	1262.2
-2.5°	288.8	311.8	330.2	350.6	374.2	407.4	462.0	544.8	672.6	886.0	1258.1
-5°	287.8	311.5	330.1	350.4	373.1	406.4	459.6	540.3	662.1	873.1	1231.1
-7.5°	286.2	310.5	329.4	349.5	371.5	404.0	455.1	532.3	648.7	845.9	1180.9
-10°	284.0	308.9	328.3	348.0	369.7	400.5	448.4	520.8	629.4	807.9	1109.4
-12.5°	281.7	306.7	326.7	346.0	367.1	395.7	439.6	505.7	604.1	759.5	1019.1
-15°	278.7	304.0	324.5	343.3	363.9	389.8	428.8	487.4	573.6	703.6	913.3
-17.5°	275.1	300.7	321.9	340.0	359.9	382.6	416.2	467.9	544.3	658.0	841.5
-20°	270.8	296.7	318.9	336.2	355.3	376.4	407.1	453.0	519.0	614.3	759.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	266.0	292.3	314.7	332.2	350.6	370.9	397.7	435.8	490.5	564.1	677.5
-25°	260.7	286.4	309.3	328.0	345.5	364.2	387.2	417.7	465.1	528.2	616.1
-27.5°	254.7	279.8	303.5	323.2	340.1	356.9	378.1	405.2	441.3	490.1	555.2
-30°	248.2	272.9	297.5	317.4	334.2	350.6	368.7	391.1	418.5	459.4	511.7
-32.5°	241.3	265.4	289.9	310.4	327.7	344.0	358.8	378.7	402.1	430.1	471.1
-35°	233.7	257.1	280.9	303.3	320.5	336.1	350.6	366.5	386.0	409.5	438.4
-37.5°	225.5	248.2	271.2	294.5	312.6	327.4	341.3	355.6	372.3	390.3	412.9
-40°	216.8	238.6	260.8	283.3	303.8	318.1	331.8	344.6	358.9	374.5	391.1
-42.5°	207.4	228.4	249.6	271.3	291.8	308.0	322.0	334.0	345.8	358.9	373.3
-45°	197.6	217.6	237.8	258.8	279.1	296.5	310.4	323.6	333.6	344.7	356.6
-47.5°	187.5	206.3	225.5	245.7	265.7	283.7	298.1	310.3	321.1	330.9	341.2
-50°	177.0	195.1	213.0	232.3	251.2	269.8	285.5	297.2	307.7	316.8	325.5
-52.5°	165.8	183.6	200.6	218.3	236.2	253.8	270.6	283.9	294.2	303.6	311.9
-55°	154.2	171.1	187.6	204.0	220.8	237.4	253.4	267.8	280.4	289.5	298.5
-57.5°	142.3	157.8	173.3	189.0	204.6	220.4	235.2	250.3	263.2	274.1	283.4
-60°	130.2	144.2	158.1	172.7	187.6	201.7	215.7	229.5	243.4	256.3	264.3
-62.5°	117.5	130.2	142.6	155.4	168.8	182.1	194.6	207.2	220.1	231.4	241.2
-65°	103.8	115.7	127.0	138.2	149.4	161.2	172.7	183.7	194.9	205.6	215.3
-67.5°	89.8	100.7	111.0	120.8	130.7	140.7	150.4	160.3	169.9	179.6	188.8
-70°	77.1	85.8	94.9	103.7	112.2	120.7	129.3	137.5	145.6	153.9	162.1
-72.5°	64.5	72.1	79.5	86.7	94.2	101.5	108.6	115.4	122.3	129.5	136.3
-75°	52.4	58.3	64.6	70.8	76.8	82.7	88.4	94.2	100.1	105.9	111.5
-77.5°	40.6	45.9	50.8	55.4	59.8	64.7	69.4	73.9	78.6	83.2	87.7
-80°	29.7	33.4	37.6	41.5	45.0	48.3	51.6	54.6	58.0	61.6	65.3
-82.5°	20.2	22.8	25.5	28.2	30.6	32.9	35.2	37.5	39.8	42.1	44.4
-85°	11.3	12.2	13.8	15.5	17.1	18.6	20.0	21.5	22.8	24.1	25.3
-87.5°	5.6	6.1	6.6	7.0	7.4	7.8	8.2	8.6	9.0	9.3	9.7
-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: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	10.0	9.9	9.7	9.5	9.2	9.9	10.5	11.2	11.8	11.4	11.0
85°	26.5	27.1	27.6	28.0	28.4	29.7	30.9	32.0	33.1	33.0	32.9
82.5°	46.6	48.1	49.4	50.6	51.6	53.0	54.4	55.5	56.5	57.2	57.8
80°	68.7	71.2	73.2	75.1	76.8	78.7	80.6	82.2	83.6	84.4	84.8
77.5°	92.1	95.6	98.8	101.8	104.7	107.5	110.1	112.4	114.5	114.9	114.8
75°	116.7	121.5	126.0	130.2	134.0	137.3	140.1	142.4	144.3	145.3	145.8
72.5°	142.8	148.7	154.0	158.7	162.8	166.2	169.1	171.7	173.8	175.2	176.0
70°	169.9	176.9	182.3	186.8	190.3	193.6	197.4	201.1	204.5	206.4	207.1
67.5°	197.2	204.4	209.3	213.4	216.6	219.9	224.7	229.0	232.9	235.4	237.1
65°	223.8	231.4	236.4	240.3	243.2	246.5	251.9	256.1	259.4	262.0	264.3
62.5°	250.1	257.7	263.3	268.0	272.2	275.9	280.3	283.8	286.6	289.2	292.0
60°	272.9	282.0	287.8	292.5	297.8	303.5	306.8	309.4	311.8	313.9	315.6
57.5°	291.6	299.7	307.2	312.8	318.3	323.6	327.4	329.9	332.0	333.5	334.1
55°	307.2	315.5	323.8	330.0	335.4	340.3	344.5	347.8	350.5	352.7	353.2
52.5°	321.1	330.5	338.7	345.7	352.9	358.8	363.4	367.8	371.7	374.9	376.3
50°	336.3	346.1	356.4	365.9	373.5	380.2	385.7	392.0	398.7	404.2	407.7
47.5°	352.3	363.6	376.0	387.6	396.6	406.6	415.8	425.2	437.6	447.9	455.6
45°	369.0	383.6	397.6	412.5	424.9	443.7	461.0	475.9	495.7	513.7	528.0
42.5°	388.8	406.9	424.2	447.9	472.8	498.3	525.9	549.4	580.4	612.0	637.4
40°	412.2	435.4	465.8	497.7	536.9	572.0	619.6	662.1	709.6	769.7	819.4
37.5°	440.4	476.0	518.4	562.8	624.0	682.4	761.1	844.2	919.5	1035.1	1132.4
35°	476.9	526.8	582.6	661.2	747.8	857.3	980.2	1140.5	1277.9	1473.0	1659.3
32.5°	524.1	588.2	679.3	800.7	928.6	1127.5	1322.4	1600.7	1858.5	2167.6	2501.2
30°	576.5	674.1	813.3	979.7	1218.5	1511.0	1854.7	2282.2	2750.0	3184.5	3612.5
27.5°	652.5	792.3	975.2	1243.9	1615.9	2025.1	2627.2	3207.5	3813.1	4351.3	4800.2
25°	741.2	926.0	1208.8	1604.4	2107.5	2808.3	3529.1	4245.3	4896.5	5460.0	5955.9
22.5°	855.8	1121.6	1498.6	2010.9	2794.4	3634.4	4479.6	5269.6	5964.2	6591.6	7128.5
20°	980.5	1313.1	1851.4	2615.4	3511.4	4468.3	5422.7	6264.2	7029.0	7740.4	8345.6
17.5°	1138.5	1604.2	2285.9	3202.5	4238.4	5286.8	6289.4	7202.7	8070.3	8823.1	9455.3
15°	1273.1	1860.6	2750.4	3825.3	4945.8	6051.8	7110.2	8102.2	9004.3	9776.7	10371.0
12.5°	1452.7	2148.0	3162.8	4360.8	5575.0	6738.7	7853.6	8878.9	9796.9	10560.8	11023.5
10°	1622.5	2445.5	3561.4	4810.7	6072.1	7312.0	8502.5	9553.9	10406.3	11014.0	11408.3
7.5°	1766.8	2701.2	3885.6	5174.3	6467.1	7763.5	8968.5	9991.6	10777.5	11284.9	11559.5
5°	1874.5	2892.3	4126.2	5469.8	6796.4	8115.5	9311.1	10271.5	10950.8	11327.8	11465.6
2.5°	1943.2	3004.6	4265.8	5663.7	7016.8	8338.3	9546.1	10491.5	11067.8	11317.7	11341.4
0°	1970.6	3019.1	4287.4	5765.4	7072.3	8401.7	9613.0	10582.1	11111.4	11317.0	11312.9
-2.5°	1943.2	3004.6	4265.8	5663.7	7016.8	8338.3	9546.1	10491.5	11067.8	11317.7	11341.4
-5°	1874.5	2892.3	4126.2	5469.8	6796.4	8115.5	9311.1	10271.5	10950.8	11327.8	11465.6
-7.5°	1766.8	2701.2	3885.6	5174.3	6467.1	7763.5	8968.5	9991.6	10777.5	11284.9	11559.5
-10°	1622.5	2445.5	3561.4	4810.7	6072.1	7312.0	8502.5	9553.9	10406.3	11014.0	11408.3
-12.5°	1452.7	2148.0	3162.8	4360.8	5575.0	6738.7	7853.6	8878.9	9796.9	10560.8	11023.5
-15°	1273.1	1860.6	2750.4	3825.3	4945.8	6051.8	7110.2	8102.2	9004.3	9776.7	10371.0
-17.5°	1138.5	1604.2	2285.9	3202.5	4238.4	5286.8	6289.4	7202.7	8070.3	8823.1	9455.3
-20°	980.5	1313.1	1851.4	2615.4	3511.4	4468.3	5422.7	6264.2	7029.0	7740.4	8345.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	855.8	1121.6	1498.6	2010.9	2794.4	3634.4	4479.6	5269.6	5964.2	6591.6	7128.5
-25°	741.2	926.0	1208.8	1604.4	2107.5	2808.3	3529.1	4245.3	4896.5	5460.0	5955.9
-27.5°	652.5	792.3	975.2	1243.9	1615.9	2025.1	2627.2	3207.5	3813.1	4351.3	4800.2
-30°	576.5	674.1	813.3	979.7	1218.5	1511.0	1854.7	2282.2	2750.0	3184.5	3612.5
-32.5°	524.1	588.2	679.3	800.7	928.6	1127.5	1322.4	1600.7	1858.5	2167.6	2501.2
-35°	476.9	526.8	582.6	661.2	747.8	857.3	980.2	1140.5	1277.9	1473.0	1659.3
-37.5°	440.4	476.0	518.4	562.8	624.0	682.4	761.1	844.2	919.5	1035.1	1132.4
-40°	412.2	435.4	465.8	497.7	536.9	572.0	619.6	662.1	709.6	769.7	819.4
-42.5°	388.8	406.9	424.2	447.9	472.8	498.3	525.9	549.4	580.4	612.0	637.4
-45°	369.0	383.6	397.6	412.5	424.9	443.7	461.0	475.9	495.7	513.7	528.0
-47.5°	352.3	363.6	376.0	387.6	396.6	406.6	415.8	425.2	437.6	447.9	455.6
-50°	336.3	346.1	356.4	365.9	373.5	380.2	385.7	392.0	398.7	404.2	407.7
-52.5°	321.1	330.5	338.7	345.7	352.9	358.8	363.4	367.8	371.7	374.9	376.3
-55°	307.2	315.5	323.8	330.0	335.4	340.3	344.5	347.8	350.5	352.7	353.2
-57.5°	291.6	299.7	307.2	312.8	318.3	323.6	327.4	329.9	332.0	333.5	334.1
-60°	272.9	282.0	287.8	292.5	297.8	303.5	306.8	309.4	311.8	313.9	315.6
-62.5°	250.1	257.7	263.3	268.0	272.2	275.9	280.3	283.8	286.6	289.2	292.0
-65°	223.8	231.4	236.4	240.3	243.2	246.5	251.9	256.1	259.4	262.0	264.3
-67.5°	197.2	204.4	209.3	213.4	216.6	219.9	224.7	229.0	232.9	235.4	237.1
-70°	169.9	176.9	182.3	186.8	190.3	193.6	197.4	201.1	204.5	206.4	207.1
-72.5°	142.8	148.7	154.0	158.7	162.8	166.2	169.1	171.7	173.8	175.2	176.0
-75°	116.7	121.5	126.0	130.2	134.0	137.3	140.1	142.4	144.3	145.3	145.8
-77.5°	92.1	95.6	98.8	101.8	104.7	107.5	110.1	112.4	114.5	114.9	114.8
-80°	68.7	71.2	73.2	75.1	76.8	78.7	80.6	82.2	83.6	84.4	84.8
-82.5°	46.6	48.1	49.4	50.6	51.6	53.0	54.4	55.5	56.5	57.2	57.8
-85°	26.5	27.1	27.6	28.0	28.4	29.7	30.9	32.0	33.1	33.0	32.9
-87.5°	10.0	9.9	9.7	9.5	9.2	9.9	10.5	11.2	11.8	11.4	11.0
-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: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	10.6	10.2	10.2	10.2	10.2	10.2	10.6	11.0	11.4	11.8	11.2
85°	32.7	32.4	31.5	30.5	31.5	32.4	32.7	32.9	33.0	33.1	32.0
82.5°	58.3	58.7	57.9	57.0	57.9	58.7	58.3	57.8	57.2	56.5	55.5
80°	85.1	85.1	84.4	83.5	84.4	85.1	85.1	84.8	84.4	83.6	82.2
77.5°	114.3	113.5	113.9	114.0	113.9	113.5	114.3	114.8	114.9	114.5	112.4
75°	146.0	145.9	145.4	144.5	145.4	145.9	146.0	145.8	145.3	144.3	142.4
72.5°	176.4	176.4	175.9	175.1	175.9	176.4	176.4	176.0	175.2	173.8	171.7
70°	207.3	206.9	207.4	207.7	207.4	206.9	207.3	207.1	206.4	204.5	201.1
67.5°	238.3	239.1	239.0	238.2	239.0	239.1	238.3	237.1	235.4	232.9	229.0
65°	266.2	267.5	268.4	268.7	268.4	267.5	266.2	264.3	262.0	259.4	256.1
62.5°	294.3	295.9	296.0	295.2	296.0	295.9	294.3	292.0	289.2	286.6	283.8
60°	316.6	316.9	316.5	315.5	316.5	316.9	316.6	315.6	313.9	311.8	309.4
57.5°	334.1	333.5	332.8	331.8	332.8	333.5	334.1	334.1	333.5	332.0	329.9
55°	352.9	352.0	351.1	350.2	351.1	352.0	352.9	353.2	352.7	350.5	347.8
52.5°	376.6	376.0	375.5	374.6	375.5	376.0	376.6	376.3	374.9	371.7	367.8
50°	409.4	409.9	409.9	409.2	409.9	409.9	409.4	407.7	404.2	398.7	392.0
47.5°	460.5	463.2	465.1	466.2	465.1	463.2	460.5	455.6	447.9	437.6	425.2
45°	537.1	542.6	546.4	549.7	546.4	542.6	537.1	528.0	513.7	495.7	475.9
42.5°	655.4	667.5	673.3	671.8	673.3	667.5	655.4	637.4	612.0	580.4	549.4
40°	852.5	872.1	883.0	891.7	883.0	872.1	852.5	819.4	769.7	709.6	662.1
37.5°	1198.8	1236.9	1257.0	1274.4	1257.0	1236.9	1198.8	1132.4	1035.1	919.5	844.2
35°	1798.6	1884.3	1930.2	1946.2	1930.2	1884.3	1798.6	1659.3	1473.0	1277.9	1140.5
32.5°	2760.7	2919.0	3006.5	3074.0	3006.5	2919.0	2760.7	2501.2	2167.6	1858.5	1600.7
30°	3951.5	4159.9	4275.6	4332.2	4275.6	4159.9	3951.5	3612.5	3184.5	2750.0	2282.2
27.5°	5172.2	5409.1	5533.9	5527.2	5533.9	5409.1	5172.2	4800.2	4351.3	3813.1	3207.5
25°	6381.1	6655.5	6779.9	6891.2	6779.9	6655.5	6381.1	5955.9	5460.0	4896.5	4245.3
22.5°	7603.8	7924.6	8099.7	8181.9	8099.7	7924.6	7603.8	7128.5	6591.6	5964.2	5269.6
20°	8811.9	9169.1	9355.0	9435.9	9355.0	9169.1	8811.9	8345.6	7740.4	7029.0	6264.2
17.5°	9883.3	10232.1	10409.3	10484.3	10409.3	10232.1	9883.3	9455.3	8823.1	8070.3	7202.7
15°	10738.9	10996.1	11146.8	11186.7	11146.8	10996.1	10738.9	10371.0	9776.7	9004.3	8102.2
12.5°	11330.3	11429.9	11502.4	11524.6	11502.4	11429.9	11330.3	11023.5	10560.8	9796.9	8878.9
10°	11632.6	11587.7	11569.1	11571.5	11569.1	11587.7	11632.6	11408.3	11014.0	10406.3	9553.9
7.5°	11611.9	11545.2	11411.5	11390.3	11411.5	11545.2	11611.9	11559.5	11284.9	10777.5	9991.6
5°	11445.0	11323.8	11101.8	11038.1	11101.8	11323.8	11445.0	11465.6	11327.8	10950.8	10271.5
2.5°	11250.5	11032.0	10827.6	10696.1	10827.6	11032.0	11250.5	11341.4	11317.7	11067.8	10491.5
0°	11192.8	10940.4	10675.7	10590.2	10675.7	10940.4	11192.8	11312.9	11317.0	11111.4	10582.1
-2.5°	11250.5	11032.0	10827.6	10696.1	10827.6	11032.0	11250.5	11341.4	11317.7	11067.8	10491.5
-5°	11445.0	11323.8	11101.8	11038.1	11101.8	11323.8	11445.0	11465.6	11327.8	10950.8	10271.5
-7.5°	11611.9	11545.2	11411.5	11390.3	11411.5	11545.2	11611.9	11559.5	11284.9	10777.5	9991.6
-10°	11632.6	11587.7	11569.1	11571.5	11569.1	11587.7	11632.6	11408.3	11014.0	10406.3	9553.9
-12.5°	11330.3	11429.9	11502.4	11524.6	11502.4	11429.9	11330.3	11023.5	10560.8	9796.9	8878.9
-15°	10738.9	10996.1	11146.8	11186.7	11146.8	10996.1	10738.9	10371.0	9776.7	9004.3	8102.2
-17.5°	9883.3	10232.1	10409.3	10484.3	10409.3	10232.1	9883.3	9455.3	8823.1	8070.3	7202.7
-20°	8811.9	9169.1	9355.0	9435.9	9355.0	9169.1	8811.9	8345.6	7740.4	7029.0	6264.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	7603.8	7924.6	8099.7	8181.9	8099.7	7924.6	7603.8	7128.5	6591.6	5964.2	5269.6
-25°	6381.1	6655.5	6779.9	6891.2	6779.9	6655.5	6381.1	5955.9	5460.0	4896.5	4245.3
-27.5°	5172.2	5409.1	5533.9	5527.2	5533.9	5409.1	5172.2	4800.2	4351.3	3813.1	3207.5
-30°	3951.5	4159.9	4275.6	4332.2	4275.6	4159.9	3951.5	3612.5	3184.5	2750.0	2282.2
-32.5°	2760.7	2919.0	3006.5	3074.0	3006.5	2919.0	2760.7	2501.2	2167.6	1858.5	1600.7
-35°	1798.6	1884.3	1930.2	1946.2	1930.2	1884.3	1798.6	1659.3	1473.0	1277.9	1140.5
-37.5°	1198.8	1236.9	1257.0	1274.4	1257.0	1236.9	1198.8	1132.4	1035.1	919.5	844.2
-40°	852.5	872.1	883.0	891.7	883.0	872.1	852.5	819.4	769.7	709.6	662.1
-42.5°	655.4	667.5	673.3	671.8	673.3	667.5	655.4	637.4	612.0	580.4	549.4
-45°	537.1	542.6	546.4	549.7	546.4	542.6	537.1	528.0	513.7	495.7	475.9
-47.5°	460.5	463.2	465.1	466.2	465.1	463.2	460.5	455.6	447.9	437.6	425.2
-50°	409.4	409.9	409.9	409.2	409.9	409.9	409.4	407.7	404.2	398.7	392.0
-52.5°	376.6	376.0	375.5	374.6	375.5	376.0	376.6	376.3	374.9	371.7	367.8
-55°	352.9	352.0	351.1	350.2	351.1	352.0	352.9	353.2	352.7	350.5	347.8
-57.5°	334.1	333.5	332.8	331.8	332.8	333.5	334.1	334.1	333.5	332.0	329.9
-60°	316.6	316.9	316.5	315.5	316.5	316.9	316.6	315.6	313.9	311.8	309.4
-62.5°	294.3	295.9	296.0	295.2	296.0	295.9	294.3	292.0	289.2	286.6	283.8
-65°	266.2	267.5	268.4	268.7	268.4	267.5	266.2	264.3	262.0	259.4	256.1
-67.5°	238.3	239.1	239.0	238.2	239.0	239.1	238.3	237.1	235.4	232.9	229.0
-70°	207.3	206.9	207.4	207.7	207.4	206.9	207.3	207.1	206.4	204.5	201.1
-72.5°	176.4	176.4	175.9	175.1	175.9	176.4	176.4	176.0	175.2	173.8	171.7
-75°	146.0	145.9	145.4	144.5	145.4	145.9	146.0	145.8	145.3	144.3	142.4
-77.5°	114.3	113.5	113.9	114.0	113.9	113.5	114.3	114.8	114.9	114.5	112.4
-80°	85.1	85.1	84.4	83.5	84.4	85.1	85.1	84.8	84.4	83.6	82.2
-82.5°	58.3	58.7	57.9	57.0	57.9	58.7	58.3	57.8	57.2	56.5	55.5
-85°	32.7	32.4	31.5	30.5	31.5	32.4	32.7	32.9	33.0	33.1	32.0
-87.5°	10.6	10.2	10.2	10.2	10.2	10.2	10.6	11.0	11.4	11.8	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	10.5	9.9	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
85°	30.9	29.7	28.4	28.0	27.6	27.1	26.5	25.3	24.1	22.8	21.5
82.5°	54.4	53.0	51.6	50.6	49.4	48.1	46.6	44.4	42.1	39.8	37.5
80°	80.6	78.7	76.8	75.1	73.2	71.2	68.7	65.3	61.6	58.0	54.6
77.5°	110.1	107.5	104.7	101.8	98.8	95.6	92.1	87.7	83.2	78.6	73.9
75°	140.1	137.3	134.0	130.2	126.0	121.5	116.7	111.5	105.9	100.1	94.2
72.5°	169.1	166.2	162.8	158.7	154.0	148.7	142.8	136.3	129.5	122.3	115.4
70°	197.4	193.6	190.3	186.8	182.3	176.9	169.9	162.1	153.9	145.6	137.5
67.5°	224.7	219.9	216.6	213.4	209.3	204.4	197.2	188.8	179.6	169.9	160.3
65°	251.9	246.5	243.2	240.3	236.4	231.4	223.8	215.3	205.6	194.9	183.7
62.5°	280.3	275.9	272.2	268.0	263.3	257.7	250.1	241.2	231.4	220.1	207.2
60°	306.8	303.5	297.8	292.5	287.8	282.0	272.9	264.3	256.3	243.4	229.5
57.5°	327.4	323.6	318.3	312.8	307.2	299.7	291.6	283.4	274.1	263.2	250.3
55°	344.5	340.3	335.4	330.0	323.8	315.5	307.2	298.5	289.5	280.4	267.8
52.5°	363.4	358.8	352.9	345.7	338.7	330.5	321.1	311.9	303.6	294.2	283.9
50°	385.7	380.2	373.5	365.9	356.4	346.1	336.3	325.5	316.8	307.7	297.2
47.5°	415.8	406.6	396.6	387.6	376.0	363.6	352.3	341.2	330.9	321.1	310.3
45°	461.0	443.7	424.9	412.5	397.6	383.6	369.0	356.6	344.7	333.6	323.6
42.5°	525.9	498.3	472.8	447.9	424.2	406.9	388.8	373.3	358.9	345.8	334.0
40°	619.6	572.0	536.9	497.7	465.8	435.4	412.2	391.1	374.5	358.9	344.6
37.5°	761.1	682.4	624.0	562.8	518.4	476.0	440.4	412.9	390.3	372.3	355.6
35°	980.2	857.3	747.8	661.2	582.6	526.8	476.9	438.4	409.5	386.0	366.5
32.5°	1322.4	1127.5	928.6	800.7	679.3	588.2	524.1	471.1	430.1	402.1	378.7
30°	1854.7	1511.0	1218.5	979.7	813.3	674.1	576.5	511.7	459.4	418.5	391.1
27.5°	2627.2	2025.1	1615.9	1243.9	975.2	792.3	652.5	555.2	490.1	441.3	405.2
25°	3529.1	2808.3	2107.5	1604.4	1208.8	926.0	741.2	616.1	528.2	465.1	417.7
22.5°	4479.6	3634.4	2794.4	2010.9	1498.6	1121.6	855.8	677.5	564.1	490.5	435.8
20°	5422.7	4468.3	3511.4	2615.4	1851.4	1313.1	980.5	759.0	614.3	519.0	453.0
17.5°	6289.4	5286.8	4238.4	3202.5	2285.9	1604.2	1138.5	841.5	658.0	544.3	467.9
15°	7110.2	6051.8	4945.8	3825.3	2750.4	1860.6	1273.1	913.3	703.6	573.6	487.4
12.5°	7853.6	6738.7	5575.0	4360.8	3162.8	2148.0	1452.7	1019.1	759.5	604.1	505.7
10°	8502.5	7312.0	6072.1	4810.7	3561.4	2445.5	1622.5	1109.4	807.9	629.4	520.8
7.5°	8968.5	7763.5	6467.1	5174.3	3885.6	2701.2	1766.8	1180.9	845.9	648.7	532.3
5°	9311.1	8115.5	6796.4	5469.8	4126.2	2892.3	1874.5	1231.1	873.1	662.1	540.3
2.5°	9546.1	8338.3	7016.8	5663.7	4265.8	3004.6	1943.2	1258.1	886.0	672.6	544.8
0°	9613.0	8401.7	7072.3	5765.4	4287.4	3019.1	1970.6	1262.2	885.6	677.9	545.6
-2.5°	9546.1	8338.3	7016.8	5663.7	4265.8	3004.6	1943.2	1258.1	886.0	672.6	544.8
-5°	9311.1	8115.5	6796.4	5469.8	4126.2	2892.3	1874.5	1231.1	873.1	662.1	540.3
-7.5°	8968.5	7763.5	6467.1	5174.3	3885.6	2701.2	1766.8	1180.9	845.9	648.7	532.3
-10°	8502.5	7312.0	6072.1	4810.7	3561.4	2445.5	1622.5	1109.4	807.9	629.4	520.8
-12.5°	7853.6	6738.7	5575.0	4360.8	3162.8	2148.0	1452.7	1019.1	759.5	604.1	505.7
-15°	7110.2	6051.8	4945.8	3825.3	2750.4	1860.6	1273.1	913.3	703.6	573.6	487.4
-17.5°	6289.4	5286.8	4238.4	3202.5	2285.9	1604.2	1138.5	841.5	658.0	544.3	467.9
-20°	5422.7	4468.3	3511.4	2615.4	1851.4	1313.1	980.5	759.0	614.3	519.0	453.0



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	4479.6	3634.4	2794.4	2010.9	1498.6	1121.6	855.8	677.5	564.1	490.5	435.8
-25°	3529.1	2808.3	2107.5	1604.4	1208.8	926.0	741.2	616.1	528.2	465.1	417.7
-27.5°	2627.2	2025.1	1615.9	1243.9	975.2	792.3	652.5	555.2	490.1	441.3	405.2
-30°	1854.7	1511.0	1218.5	979.7	813.3	674.1	576.5	511.7	459.4	418.5	391.1
-32.5°	1322.4	1127.5	928.6	800.7	679.3	588.2	524.1	471.1	430.1	402.1	378.7
-35°	980.2	857.3	747.8	661.2	582.6	526.8	476.9	438.4	409.5	386.0	366.5
-37.5°	761.1	682.4	624.0	562.8	518.4	476.0	440.4	412.9	390.3	372.3	355.6
-40°	619.6	572.0	536.9	497.7	465.8	435.4	412.2	391.1	374.5	358.9	344.6
-42.5°	525.9	498.3	472.8	447.9	424.2	406.9	388.8	373.3	358.9	345.8	334.0
-45°	461.0	443.7	424.9	412.5	397.6	383.6	369.0	356.6	344.7	333.6	323.6
-47.5°	415.8	406.6	396.6	387.6	376.0	363.6	352.3	341.2	330.9	321.1	310.3
-50°	385.7	380.2	373.5	365.9	356.4	346.1	336.3	325.5	316.8	307.7	297.2
-52.5°	363.4	358.8	352.9	345.7	338.7	330.5	321.1	311.9	303.6	294.2	283.9
-55°	344.5	340.3	335.4	330.0	323.8	315.5	307.2	298.5	289.5	280.4	267.8
-57.5°	327.4	323.6	318.3	312.8	307.2	299.7	291.6	283.4	274.1	263.2	250.3
-60°	306.8	303.5	297.8	292.5	287.8	282.0	272.9	264.3	256.3	243.4	229.5
-62.5°	280.3	275.9	272.2	268.0	263.3	257.7	250.1	241.2	231.4	220.1	207.2
-65°	251.9	246.5	243.2	240.3	236.4	231.4	223.8	215.3	205.6	194.9	183.7
-67.5°	224.7	219.9	216.6	213.4	209.3	204.4	197.2	188.8	179.6	169.9	160.3
-70°	197.4	193.6	190.3	186.8	182.3	176.9	169.9	162.1	153.9	145.6	137.5
-72.5°	169.1	166.2	162.8	158.7	154.0	148.7	142.8	136.3	129.5	122.3	115.4
-75°	140.1	137.3	134.0	130.2	126.0	121.5	116.7	111.5	105.9	100.1	94.2
-77.5°	110.1	107.5	104.7	101.8	98.8	95.6	92.1	87.7	83.2	78.6	73.9
-80°	80.6	78.7	76.8	75.1	73.2	71.2	68.7	65.3	61.6	58.0	54.6
-82.5°	54.4	53.0	51.6	50.6	49.4	48.1	46.6	44.4	42.1	39.8	37.5
-85°	30.9	29.7	28.4	28.0	27.6	27.1	26.5	25.3	24.1	22.8	21.5
-87.5°	10.5	9.9	9.2	9.5	9.7	9.9	10.0	9.7	9.3	9.0	8.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.5	3.8	3.2
85°	20.0	18.6	17.1	15.5	13.8	12.2	11.3	10.3	8.9	7.6	6.4
82.5°	35.2	32.9	30.6	28.2	25.5	22.8	20.2	17.6	14.7	11.7	9.6
80°	51.6	48.3	45.0	41.5	37.6	33.4	29.7	26.1	22.6	18.9	15.0
77.5°	69.4	64.7	59.8	55.4	50.8	45.9	40.6	35.2	30.5	26.1	21.5
75°	88.4	82.7	76.8	70.8	64.6	58.3	52.4	46.1	39.8	33.4	27.9
72.5°	108.6	101.5	94.2	86.7	79.5	72.1	64.5	56.9	49.6	42.1	34.6
70°	129.3	120.7	112.2	103.7	94.9	85.8	77.1	68.2	59.2	50.7	42.1
67.5°	150.4	140.7	130.7	120.8	111.0	100.7	89.8	79.4	69.2	59.2	49.6
65°	172.7	161.2	149.4	138.2	127.0	115.7	103.8	90.8	79.0	67.8	56.9
62.5°	194.6	182.1	168.8	155.4	142.6	130.2	117.5	103.1	88.8	76.2	64.1
60°	215.7	201.7	187.6	172.7	158.1	144.2	130.2	115.0	99.4	84.3	71.2
57.5°	235.2	220.4	204.6	189.0	173.3	157.8	142.3	126.3	109.8	93.2	78.1
55°	253.4	237.4	220.8	204.0	187.6	171.1	154.2	137.1	119.7	102.0	84.8
52.5°	270.6	253.8	236.2	218.3	200.6	183.6	165.8	147.6	129.2	110.5	92.1
50°	285.5	269.8	251.2	232.3	213.0	195.1	177.0	157.8	138.3	118.7	99.3
47.5°	298.1	283.7	265.7	245.7	225.5	206.3	187.5	167.6	147.2	126.5	106.2
45°	310.4	296.5	279.1	258.8	237.8	217.6	197.6	177.1	155.7	134.1	112.8
42.5°	322.0	308.0	291.8	271.3	249.6	228.4	207.4	186.0	163.8	141.3	119.1
40°	331.8	318.1	303.8	283.3	260.8	238.6	216.8	194.6	171.5	148.2	125.1
37.5°	341.3	327.4	312.6	294.5	271.2	248.2	225.5	202.9	179.0	154.8	130.7
35°	350.6	336.1	320.5	303.3	280.9	257.1	233.7	210.6	186.1	161.1	135.9
32.5°	358.8	344.0	327.7	310.4	289.9	265.4	241.3	217.4	192.6	167.1	140.8
30°	368.7	350.6	334.2	317.4	297.5	272.9	248.2	223.7	198.6	172.8	145.3
27.5°	378.1	356.9	340.1	323.2	303.5	279.8	254.7	229.5	204.1	177.9	149.8
25°	387.2	364.2	345.5	328.0	309.3	286.4	260.7	234.9	209.0	182.4	154.0
22.5°	397.7	370.9	350.6	332.2	314.7	292.3	266.0	239.7	213.3	186.4	157.8
20°	407.1	376.4	355.3	336.2	318.9	296.7	270.8	244.0	217.1	190.0	161.3
17.5°	416.2	382.6	359.9	340.0	321.9	300.7	275.1	247.8	220.5	193.0	164.3
15°	428.8	389.8	363.9	343.3	324.5	304.0	278.7	251.0	223.4	195.7	167.1
12.5°	439.6	395.7	367.1	346.0	326.7	306.7	281.7	253.7	225.8	198.0	169.5
10°	448.4	400.5	369.7	348.0	328.3	308.9	284.0	256.0	228.0	200.0	171.5
7.5°	455.1	404.0	371.5	349.5	329.4	310.5	286.2	258.0	229.8	201.6	173.1
5°	459.6	406.4	373.1	350.4	330.1	311.5	287.8	259.4	231.1	202.7	174.2
2.5°	462.0	407.4	374.2	350.6	330.2	311.8	288.8	260.3	231.8	203.4	174.9
0°	462.1	407.2	374.6	350.2	329.8	311.5	289.1	260.6	232.1	203.6	175.1
-2.5°	462.0	407.4	374.2	350.6	330.2	311.8	288.8	260.3	231.8	203.4	174.9
-5°	459.6	406.4	373.1	350.4	330.1	311.5	287.8	259.4	231.1	202.7	174.2
-7.5°	455.1	404.0	371.5	349.5	329.4	310.5	286.2	258.0	229.8	201.6	173.1
-10°	448.4	400.5	369.7	348.0	328.3	308.9	284.0	256.0	228.0	200.0	171.5
-12.5°	439.6	395.7	367.1	346.0	326.7	306.7	281.7	253.7	225.8	198.0	169.5
-15°	428.8	389.8	363.9	343.3	324.5	304.0	278.7	251.0	223.4	195.7	167.1
-17.5°	416.2	382.6	359.9	340.0	321.9	300.7	275.1	247.8	220.5	193.0	164.3
-20°	407.1	376.4	355.3	336.2	318.9	296.7	270.8	244.0	217.1	190.0	161.3

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	397.7	370.9	350.6	332.2	314.7	292.3	266.0	239.7	213.3	186.4	157.8
-25°	387.2	364.2	345.5	328.0	309.3	286.4	260.7	234.9	209.0	182.4	154.0
-27.5°	378.1	356.9	340.1	323.2	303.5	279.8	254.7	229.5	204.1	177.9	149.8
-30°	368.7	350.6	334.2	317.4	297.5	272.9	248.2	223.7	198.6	172.8	145.3
-32.5°	358.8	344.0	327.7	310.4	289.9	265.4	241.3	217.4	192.6	167.1	140.8
-35°	350.6	336.1	320.5	303.3	280.9	257.1	233.7	210.6	186.1	161.1	135.9
-37.5°	341.3	327.4	312.6	294.5	271.2	248.2	225.5	202.9	179.0	154.8	130.7
-40°	331.8	318.1	303.8	283.3	260.8	238.6	216.8	194.6	171.5	148.2	125.1
-42.5°	322.0	308.0	291.8	271.3	249.6	228.4	207.4	186.0	163.8	141.3	119.1
-45°	310.4	296.5	279.1	258.8	237.8	217.6	197.6	177.1	155.7	134.1	112.8
-47.5°	298.1	283.7	265.7	245.7	225.5	206.3	187.5	167.6	147.2	126.5	106.2
-50°	285.5	269.8	251.2	232.3	213.0	195.1	177.0	157.8	138.3	118.7	99.3
-52.5°	270.6	253.8	236.2	218.3	200.6	183.6	165.8	147.6	129.2	110.5	92.1
-55°	253.4	237.4	220.8	204.0	187.6	171.1	154.2	137.1	119.7	102.0	84.8
-57.5°	235.2	220.4	204.6	189.0	173.3	157.8	142.3	126.3	109.8	93.2	78.1
-60°	215.7	201.7	187.6	172.7	158.1	144.2	130.2	115.0	99.4	84.3	71.2
-62.5°	194.6	182.1	168.8	155.4	142.6	130.2	117.5	103.1	88.8	76.2	64.1
-65°	172.7	161.2	149.4	138.2	127.0	115.7	103.8	90.8	79.0	67.8	56.9
-67.5°	150.4	140.7	130.7	120.8	111.0	100.7	89.8	79.4	69.2	59.2	49.6
-70°	129.3	120.7	112.2	103.7	94.9	85.8	77.1	68.2	59.2	50.7	42.1
-72.5°	108.6	101.5	94.2	86.7	79.5	72.1	64.5	56.9	49.6	42.1	34.6
-75°	88.4	82.7	76.8	70.8	64.6	58.3	52.4	46.1	39.8	33.4	27.9
-77.5°	69.4	64.7	59.8	55.4	50.8	45.9	40.6	35.2	30.5	26.1	21.5
-80°	51.6	48.3	45.0	41.5	37.6	33.4	29.7	26.1	22.6	18.9	15.0
-82.5°	35.2	32.9	30.6	28.2	25.5	22.8	20.2	17.6	14.7	11.7	9.6
-85°	20.0	18.6	17.1	15.5	13.8	12.2	11.3	10.3	8.9	7.6	6.4
-87.5°	8.2	7.8	7.4	7.0	6.6	6.1	5.6	5.2	4.5	3.8	3.2
-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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CATALOG NUMBER: GFLD-SA2B-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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
80°	10.9	8.8	7.0	5.3	3.5	1.8	0.0
77.5°	16.6	11.9	8.8	6.6	4.4	2.2	0.0
75°	22.2	16.6	10.9	7.9	5.3	2.6	0.0
72.5°	27.8	21.2	14.6	9.2	6.1	3.1	0.0
70°	33.4	25.8	18.3	10.7	7.0	3.5	0.0
67.5°	39.8	30.4	21.9	13.5	7.8	3.9	0.0
65°	46.0	35.1	25.5	16.1	8.6	4.3	0.0
62.5°	52.0	40.1	29.0	18.8	9.4	4.7	0.0
60°	57.9	45.0	32.4	21.3	10.2	5.1	0.0
57.5°	63.9	49.7	36.1	23.8	11.8	5.5	0.0
55°	69.7	54.3	39.8	26.3	13.4	5.8	0.0
52.5°	75.4	58.8	43.3	28.6	15.0	6.2	0.0
50°	80.9	63.4	46.7	30.9	16.4	6.6	0.0
47.5°	86.3	67.9	49.9	33.2	17.9	6.9	0.0
45°	92.0	72.2	53.0	35.5	19.2	7.2	0.0
42.5°	97.3	76.4	55.9	37.7	20.5	7.5	0.0
40°	102.4	80.4	58.9	39.7	21.7	7.8	0.0
37.5°	107.2	84.2	62.0	41.6	22.8	8.1	0.0
35°	111.7	88.0	64.8	43.4	23.9	8.4	0.0
32.5°	115.9	91.5	67.6	45.1	24.9	8.6	0.0
30°	119.8	94.7	70.1	46.6	25.8	8.8	0.0
27.5°	123.3	97.8	72.4	48.1	26.7	9.0	0.0
25°	126.6	100.5	74.4	49.4	27.4	9.2	0.0
22.5°	129.5	102.9	76.3	50.5	28.1	9.4	0.0
20°	132.0	105.0	77.9	51.6	28.7	9.6	0.0
17.5°	134.4	106.8	79.4	52.5	29.2	9.7	0.0
15°	136.5	108.4	80.6	53.3	29.6	9.9	0.0
12.5°	138.3	109.7	81.6	53.9	30.0	10.0	0.0
10°	139.8	110.7	82.5	54.4	30.2	10.0	0.0
7.5°	140.9	111.4	83.0	54.8	30.4	10.1	0.0
5°	141.8	111.9	83.4	55.0	30.5	10.2	0.0
2.5°	142.3	112.1	83.6	55.1	30.6	10.2	0.0
0°	142.5	112.0	83.5	55.0	30.5	10.2	0.0
-2.5°	142.3	112.1	83.6	55.1	30.6	10.2	0.0
-5°	141.8	111.9	83.4	55.0	30.5	10.2	0.0
-7.5°	140.9	111.4	83.0	54.8	30.4	10.1	0.0
-10°	139.8	110.7	82.5	54.4	30.2	10.0	0.0
-12.5°	138.3	109.7	81.6	53.9	30.0	10.0	0.0
-15°	136.5	108.4	80.6	53.3	29.6	9.9	0.0
-17.5°	134.4	106.8	79.4	52.5	29.2	9.7	0.0
-20°	132.0	105.0	77.9	51.6	28.7	9.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	129.5	102.9	76.3	50.5	28.1	9.4	0.0
-25°	126.6	100.5	74.4	49.4	27.4	9.2	0.0
-27.5°	123.3	97.8	72.4	48.1	26.7	9.0	0.0
-30°	119.8	94.7	70.1	46.6	25.8	8.8	0.0
-32.5°	115.9	91.5	67.6	45.1	24.9	8.6	0.0
-35°	111.7	88.0	64.8	43.4	23.9	8.4	0.0
-37.5°	107.2	84.2	62.0	41.6	22.8	8.1	0.0
-40°	102.4	80.4	58.9	39.7	21.7	7.8	0.0
-42.5°	97.3	76.4	55.9	37.7	20.5	7.5	0.0
-45°	92.0	72.2	53.0	35.5	19.2	7.2	0.0
-47.5°	86.3	67.9	49.9	33.2	17.9	6.9	0.0
-50°	80.9	63.4	46.7	30.9	16.4	6.6	0.0
-52.5°	75.4	58.8	43.3	28.6	15.0	6.2	0.0
-55°	69.7	54.3	39.8	26.3	13.4	5.8	0.0
-57.5°	63.9	49.7	36.1	23.8	11.8	5.5	0.0
-60°	57.9	45.0	32.4	21.3	10.2	5.1	0.0
-62.5°	52.0	40.1	29.0	18.8	9.4	4.7	0.0
-65°	46.0	35.1	25.5	16.1	8.6	4.3	0.0
-67.5°	39.8	30.4	21.9	13.5	7.8	3.9	0.0
-70°	33.4	25.8	18.3	10.7	7.0	3.5	0.0
-72.5°	27.8	21.2	14.6	9.2	6.1	3.1	0.0
-75°	22.2	16.6	10.9	7.9	5.3	2.6	0.0
-77.5°	16.6	11.9	8.8	6.6	4.4	2.2	0.0
-80°	10.9	8.8	7.0	5.3	3.5	1.8	0.0
-82.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-85°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)