

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: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626757 (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-SA1D-750-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N33
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

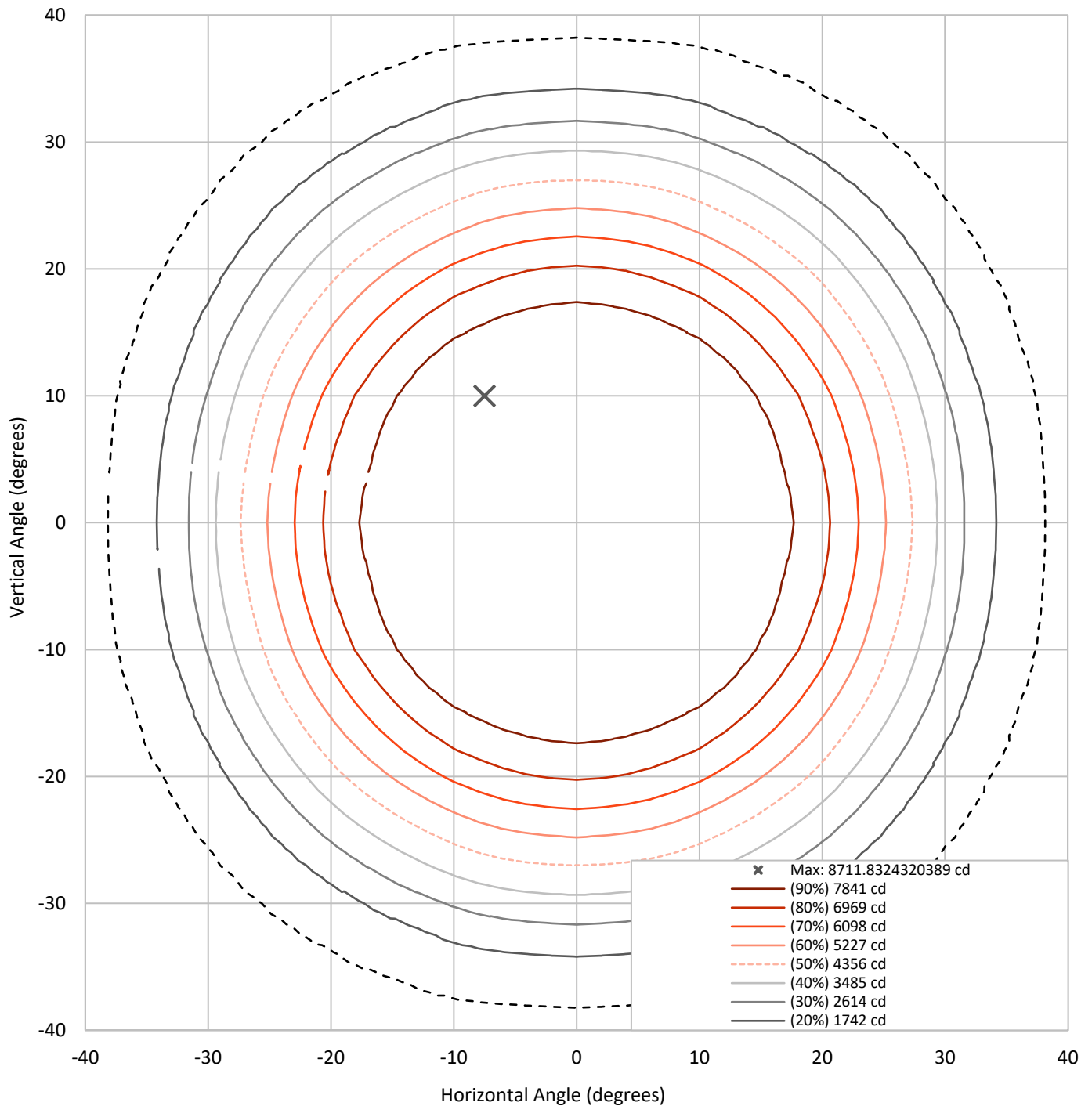
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	7414.6 lumens	Max Intensity:	8711.8 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	129.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4921.4 lumens	Field Lumens:	6399.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	57.3		
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-SA1D-750-U-MWR-XX

Iso-Candela Plot





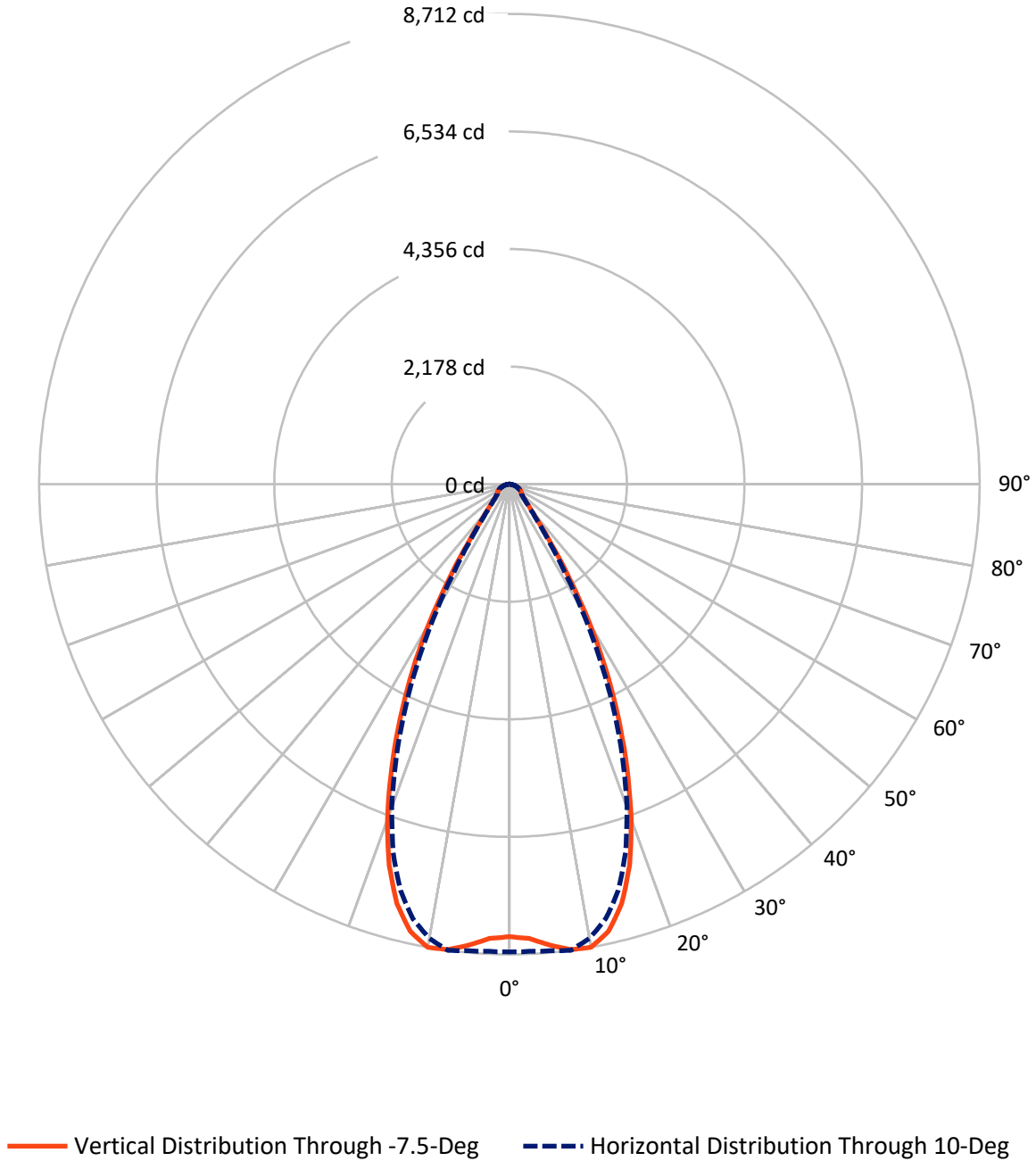
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Lumen Table

90																			
80	0.2	1.7		4.7		7.4		8.2		7.4		4.7		1.7		0.2			
70																			
60	0.8	0.9	1.8	3.0	4.2	5.0	5.7	6.0	6.0	5.7	5.0	4.2	3.0	1.8	0.9	0.8			
50		1.3	2.7	4.3	5.7	6.9	7.7	8.1	8.1	7.7	6.9	5.7	4.3	2.7	1.3				
40	1.4	1.7	3.4	5.2	7.0	9.1	11.4	13.1	13.1	11.4	9.1	7.0	5.2	3.4	1.7	1.4			
30		2.0	3.9	6.0	9.2	16.9	32.3	47.8	47.8	32.3	16.9	9.2	6.0	3.9	2.0				
20	1.8	2.3	4.3	7.0	15.2	47.6	106.8	149.1	149.1	106.8	47.6	15.2	7.0	4.3	2.3	1.8			
10		2.4	4.5	8.3	27.5	101.5	193.8	242.5	242.5	193.8	101.5	27.5	8.3	4.5	2.4				
0	1.9	2.5	4.6	9.3	39.5	138.9	235.1	255.8	255.8	235.1	138.9	39.5	9.3	4.6	2.5	1.9			
-10		2.5	4.6	9.3	39.5	138.9	235.1	255.8	255.8	235.1	138.9	39.5	9.3	4.6	2.5				
-20	1.8	2.4	4.5	8.3	27.5	101.5	193.8	242.5	242.5	193.8	101.5	27.5	8.3	4.5	2.4	1.8			
-30		2.3	4.3	7.0	15.2	47.6	106.8	149.1	149.1	106.8	47.6	15.2	7.0	4.3	2.3				
-40	1.4	2.0	3.9	6.0	9.2	16.9	32.3	47.8	47.8	32.3	16.9	9.2	6.0	3.9	2.0	1.4			
-50		1.7	3.4	5.2	7.0	9.1	11.4	13.1	13.1	11.4	9.1	7.0	5.2	3.4	1.7				
-60	0.8	1.3	2.7	4.3	5.7	6.9	7.7	8.1	8.1	7.7	6.9	5.7	4.3	2.7	1.3	0.8			
-70		0.9	1.8	3.0	4.2	5.0	5.7	6.0	6.0	5.7	5.0	4.2	3.0	1.8	0.9				
-80																			
-90	0.2	1.7		4.7		7.4		8.2		7.4		4.7		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

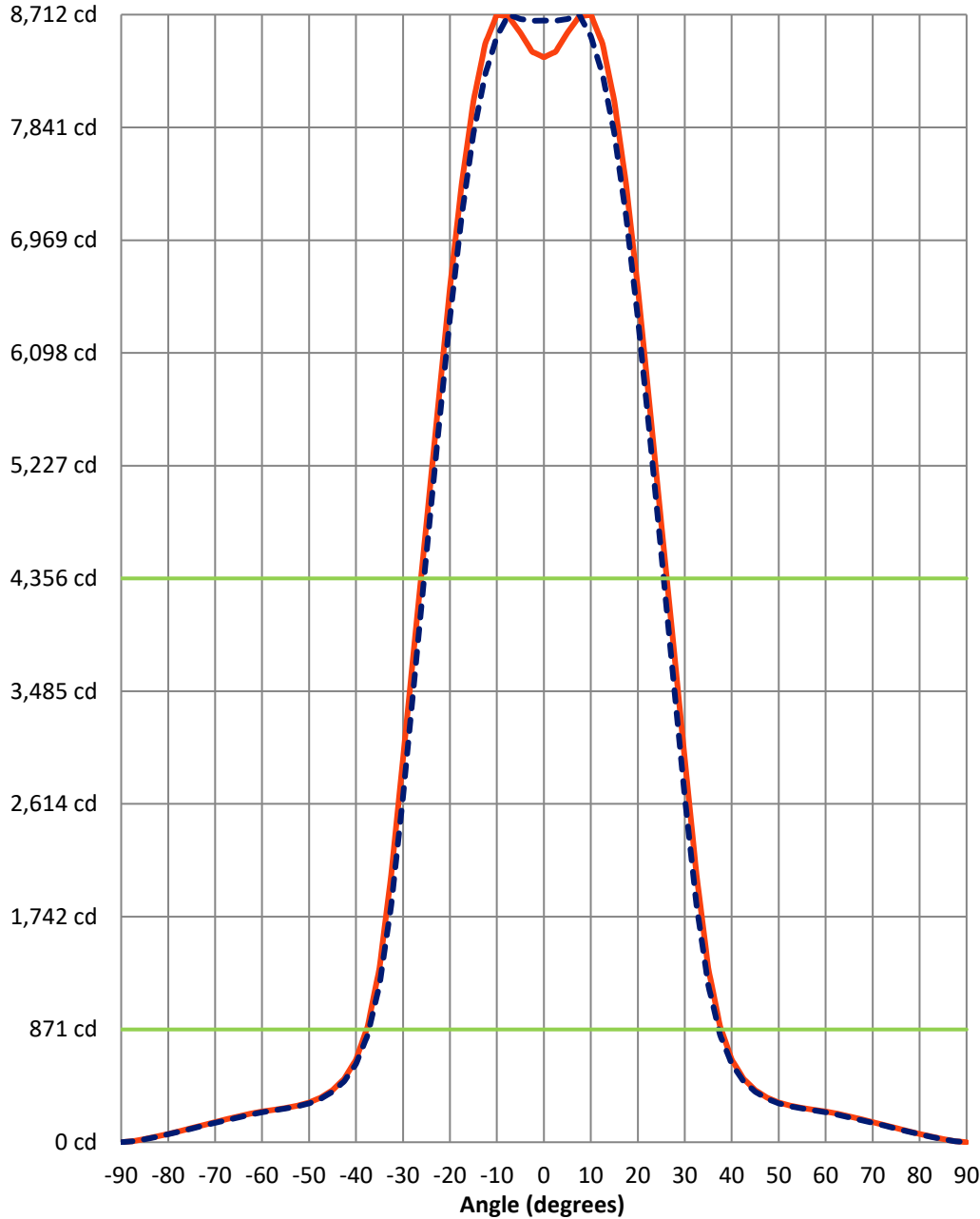
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4921.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6399.2
 Efficiency: 86.3%

Spill:
 Lumens: 1015.4
 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	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.3	3.8
85°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
82.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	7.2	8.7	11.0	13.1
80°	0.0	1.3	2.6	3.9	5.3	6.5	8.1	11.2	14.1	16.9	19.5
77.5°	0.0	1.6	3.3	4.9	6.5	8.8	12.4	16.0	19.5	22.8	26.4
75°	0.0	2.0	3.9	5.9	8.1	12.4	16.6	20.9	25.0	29.8	34.5
72.5°	0.0	2.3	4.6	6.8	10.9	15.9	20.8	25.9	31.6	37.1	42.6
70°	0.0	2.6	5.2	8.0	13.7	19.3	25.0	31.6	38.0	44.4	51.1
67.5°	0.0	2.9	5.8	10.0	16.4	22.7	29.8	37.1	44.4	51.8	59.5
65°	0.0	3.2	6.4	12.0	19.1	26.3	34.4	42.6	50.8	59.2	68.0
62.5°	0.0	3.5	7.0	14.0	21.7	30.1	39.0	48.0	57.1	66.5	77.2
60°	0.0	3.8	7.6	15.9	24.3	33.7	43.4	53.3	63.2	74.5	86.2
57.5°	0.0	4.1	8.8	17.8	27.1	37.2	47.8	58.4	69.8	82.2	94.6
55°	0.0	4.4	10.0	19.7	29.8	40.7	52.2	63.5	76.4	89.7	102.7
52.5°	0.0	4.6	11.2	21.4	32.4	44.0	56.4	69.0	82.8	96.8	110.6
50°	0.0	4.9	12.3	23.1	34.9	47.5	60.6	74.4	88.9	103.6	118.2
47.5°	0.0	5.1	13.3	24.8	37.4	50.8	64.6	79.6	94.8	110.2	125.5
45°	0.0	5.4	14.4	26.6	39.7	54.1	68.9	84.5	100.5	116.6	132.6
42.5°	0.0	5.6	15.3	28.2	41.9	57.2	72.9	89.2	105.8	122.7	139.3
40°	0.0	5.8	16.2	29.8	44.1	60.2	76.7	93.7	111.0	128.5	145.7
37.5°	0.0	6.0	17.1	31.2	46.4	63.1	80.3	97.9	115.9	134.1	151.9
35°	0.0	6.2	17.9	32.5	48.6	65.8	83.7	101.8	120.6	139.3	157.7
32.5°	0.0	6.4	18.7	33.8	50.6	68.5	86.8	105.4	125.1	144.2	162.8
30°	0.0	6.6	19.3	34.9	52.5	70.9	89.7	108.8	129.3	148.7	167.5
27.5°	0.0	6.7	20.0	36.0	54.2	73.2	92.4	112.2	133.2	152.8	171.9
25°	0.0	6.9	20.5	37.0	55.7	75.3	94.8	115.3	136.6	156.5	175.9
22.5°	0.0	7.0	21.1	37.9	57.1	77.1	97.0	118.2	139.6	159.7	179.5
20°	0.0	7.1	21.5	38.6	58.3	78.7	98.9	120.8	142.2	162.6	182.7
17.5°	0.0	7.2	21.9	39.3	59.4	80.0	100.6	123.0	144.6	165.1	185.6
15°	0.0	7.3	22.2	39.9	60.4	81.2	102.2	125.1	146.5	167.3	188.0
12.5°	0.0	7.4	22.5	40.4	61.1	82.1	103.5	126.9	148.3	169.1	190.0
10°	0.0	7.5	22.7	40.8	61.7	82.9	104.6	128.4	149.8	170.7	191.7
7.5°	0.0	7.5	22.8	41.0	62.2	83.5	105.5	129.6	151.0	172.1	193.2
5°	0.0	7.6	22.9	41.2	62.4	83.8	106.2	130.4	151.8	173.0	194.3
2.5°	0.0	7.6	22.9	41.2	62.6	84.0	106.6	130.9	152.3	173.6	195.0
0°	0.0	7.6	22.9	41.2	62.5	83.9	106.7	131.1	152.5	173.8	195.2
-2.5°	0.0	7.6	22.9	41.2	62.6	84.0	106.6	130.9	152.3	173.6	195.0
-5°	0.0	7.6	22.9	41.2	62.4	83.8	106.2	130.4	151.8	173.0	194.3
-7.5°	0.0	7.5	22.8	41.0	62.2	83.5	105.5	129.6	151.0	172.1	193.2
-10°	0.0	7.5	22.7	40.8	61.7	82.9	104.6	128.4	149.8	170.7	191.7
-12.5°	0.0	7.4	22.5	40.4	61.1	82.1	103.5	126.9	148.3	169.1	190.0
-15°	0.0	7.3	22.2	39.9	60.4	81.2	102.2	125.1	146.5	167.3	188.0
-17.5°	0.0	7.2	21.9	39.3	59.4	80.0	100.6	123.0	144.6	165.1	185.6
-20°	0.0	7.1	21.5	38.6	58.3	78.7	98.9	120.8	142.2	162.6	182.7

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CATALOG NUMBER: GFLD-SA1D-750-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	7.0	21.1	37.9	57.1	77.1	97.0	118.2	139.6	159.7	179.5
-25°	0.0	6.9	20.5	37.0	55.7	75.3	94.8	115.3	136.6	156.5	175.9
-27.5°	0.0	6.7	20.0	36.0	54.2	73.2	92.4	112.2	133.2	152.8	171.9
-30°	0.0	6.6	19.3	34.9	52.5	70.9	89.7	108.8	129.3	148.7	167.5
-32.5°	0.0	6.4	18.7	33.8	50.6	68.5	86.8	105.4	125.1	144.2	162.8
-35°	0.0	6.2	17.9	32.5	48.6	65.8	83.7	101.8	120.6	139.3	157.7
-37.5°	0.0	6.0	17.1	31.2	46.4	63.1	80.3	97.9	115.9	134.1	151.9
-40°	0.0	5.8	16.2	29.8	44.1	60.2	76.7	93.7	111.0	128.5	145.7
-42.5°	0.0	5.6	15.3	28.2	41.9	57.2	72.9	89.2	105.8	122.7	139.3
-45°	0.0	5.4	14.4	26.6	39.7	54.1	68.9	84.5	100.5	116.6	132.6
-47.5°	0.0	5.1	13.3	24.8	37.4	50.8	64.6	79.6	94.8	110.2	125.5
-50°	0.0	4.9	12.3	23.1	34.9	47.5	60.6	74.4	88.9	103.6	118.2
-52.5°	0.0	4.6	11.2	21.4	32.4	44.0	56.4	69.0	82.8	96.8	110.6
-55°	0.0	4.4	10.0	19.7	29.8	40.7	52.2	63.5	76.4	89.7	102.7
-57.5°	0.0	4.1	8.8	17.8	27.1	37.2	47.8	58.4	69.8	82.2	94.6
-60°	0.0	3.8	7.6	15.9	24.3	33.7	43.4	53.3	63.2	74.5	86.2
-62.5°	0.0	3.5	7.0	14.0	21.7	30.1	39.0	48.0	57.1	66.5	77.2
-65°	0.0	3.2	6.4	12.0	19.1	26.3	34.4	42.6	50.8	59.2	68.0
-67.5°	0.0	2.9	5.8	10.0	16.4	22.7	29.8	37.1	44.4	51.8	59.5
-70°	0.0	2.6	5.2	8.0	13.7	19.3	25.0	31.6	38.0	44.4	51.1
-72.5°	0.0	2.3	4.6	6.8	10.9	15.9	20.8	25.9	31.6	37.1	42.6
-75°	0.0	2.0	3.9	5.9	8.1	12.4	16.6	20.9	25.0	29.8	34.5
-77.5°	0.0	1.6	3.3	4.9	6.5	8.8	12.4	16.0	19.5	22.8	26.4
-80°	0.0	1.3	2.6	3.9	5.3	6.5	8.1	11.2	14.1	16.9	19.5
-82.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	7.2	8.7	11.0	13.1
-85°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.8	5.7	6.7	7.7
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.3	3.8
-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°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
85°	8.4	9.1	10.3	11.6	12.7	13.9	15.0	16.0	17.1	18.0	18.9
82.5°	15.1	17.1	19.1	21.1	22.9	24.6	26.3	28.1	29.8	31.5	33.2
80°	22.2	25.0	28.1	31.1	33.7	36.2	38.6	40.9	43.4	46.1	48.8
77.5°	30.4	34.3	38.0	41.5	44.8	48.5	52.0	55.4	58.9	62.3	65.7
75°	39.2	43.7	48.4	53.1	57.6	62.0	66.2	70.6	75.0	79.3	83.5
72.5°	48.3	54.0	59.6	65.0	70.6	76.0	81.3	86.4	91.6	97.0	102.1
70°	57.8	64.3	71.1	77.7	84.0	90.4	96.8	103.0	109.1	115.2	121.4
67.5°	67.3	75.5	83.2	90.5	97.9	105.4	112.6	120.1	127.2	134.4	141.3
65°	77.8	86.7	95.1	103.5	111.9	120.7	129.3	137.5	145.9	154.0	161.2
62.5°	88.1	97.5	106.8	116.4	126.4	136.3	145.7	155.2	164.9	173.3	180.6
60°	97.5	108.0	118.4	129.3	140.4	151.0	161.5	171.9	182.3	192.0	198.0
57.5°	106.6	118.2	129.8	141.5	153.2	165.1	176.1	187.5	197.1	205.3	212.2
55°	115.5	128.1	140.4	152.7	165.4	177.8	189.8	200.6	210.0	216.8	223.5
52.5°	124.2	137.5	150.2	163.5	176.9	190.1	202.6	212.6	220.3	227.3	233.6
50°	132.5	146.1	159.5	173.9	188.1	202.1	213.8	222.6	230.4	237.3	243.8
47.5°	140.4	154.5	168.9	184.0	199.0	212.4	223.2	232.4	240.5	247.8	255.5
45°	148.0	162.9	178.1	193.8	209.0	222.0	232.4	242.3	249.8	258.1	267.0
42.5°	155.3	171.0	187.0	203.1	218.5	230.6	241.1	250.1	259.0	268.8	279.5
40°	162.3	178.7	195.3	212.1	227.4	238.2	248.4	258.0	268.8	280.4	292.9
37.5°	168.9	185.9	203.1	220.5	234.0	245.1	255.6	266.3	278.8	292.3	309.2
35°	175.0	192.6	210.3	227.1	240.0	251.7	262.5	274.5	289.1	306.7	328.3
32.5°	180.7	198.7	217.0	232.4	245.4	257.6	268.8	283.6	301.1	322.1	352.7
30°	185.9	204.4	222.7	237.7	250.3	262.6	276.1	292.9	313.4	344.0	383.2
27.5°	190.7	209.5	227.2	242.0	254.7	267.3	283.2	303.5	330.5	367.0	415.8
25°	195.2	214.4	231.5	245.7	258.8	272.8	290.0	312.8	348.4	395.6	461.4
22.5°	199.2	218.8	235.7	248.8	262.6	277.8	297.8	326.4	367.4	422.5	507.4
20°	202.8	222.2	238.8	251.8	266.1	281.9	304.8	339.3	388.7	460.0	568.4
17.5°	206.0	225.1	241.1	254.7	269.5	286.5	311.6	350.5	407.6	492.8	630.2
15°	208.7	227.6	243.1	257.1	272.5	291.9	321.1	365.0	429.6	526.9	684.0
12.5°	210.9	229.7	244.7	259.1	274.9	296.4	329.2	378.8	452.4	568.8	763.2
10°	212.7	231.3	245.9	260.7	276.9	299.9	335.8	390.0	471.3	605.1	830.8
7.5°	214.3	232.5	246.7	261.8	278.2	302.6	340.8	398.7	485.9	633.5	884.3
5°	215.5	233.3	247.2	262.4	279.4	304.4	344.2	404.7	495.9	653.9	922.0
2.5°	216.3	233.5	247.3	262.5	280.2	305.1	346.0	408.0	503.8	663.5	942.2
0°	216.5	233.3	247.0	262.2	280.5	304.9	346.1	408.6	507.7	663.2	945.3
-2.5°	216.3	233.5	247.3	262.5	280.2	305.1	346.0	408.0	503.8	663.5	942.2
-5°	215.5	233.3	247.2	262.4	279.4	304.4	344.2	404.7	495.9	653.9	922.0
-7.5°	214.3	232.5	246.7	261.8	278.2	302.6	340.8	398.7	485.9	633.5	884.3
-10°	212.7	231.3	245.9	260.7	276.9	299.9	335.8	390.0	471.3	605.1	830.8
-12.5°	210.9	229.7	244.7	259.1	274.9	296.4	329.2	378.8	452.4	568.8	763.2
-15°	208.7	227.6	243.1	257.1	272.5	291.9	321.1	365.0	429.6	526.9	684.0
-17.5°	206.0	225.1	241.1	254.7	269.5	286.5	311.6	350.5	407.6	492.8	630.2
-20°	202.8	222.2	238.8	251.8	266.1	281.9	304.8	339.3	388.7	460.0	568.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	199.2	218.8	235.7	248.8	262.6	277.8	297.8	326.4	367.4	422.5	507.4
-25°	195.2	214.4	231.5	245.7	258.8	272.8	290.0	312.8	348.4	395.6	461.4
-27.5°	190.7	209.5	227.2	242.0	254.7	267.3	283.2	303.5	330.5	367.0	415.8
-30°	185.9	204.4	222.7	237.7	250.3	262.6	276.1	292.9	313.4	344.0	383.2
-32.5°	180.7	198.7	217.0	232.4	245.4	257.6	268.8	283.6	301.1	322.1	352.7
-35°	175.0	192.6	210.3	227.1	240.0	251.7	262.5	274.5	289.1	306.7	328.3
-37.5°	168.9	185.9	203.1	220.5	234.0	245.1	255.6	266.3	278.8	292.3	309.2
-40°	162.3	178.7	195.3	212.1	227.4	238.2	248.4	258.0	268.8	280.4	292.9
-42.5°	155.3	171.0	187.0	203.1	218.5	230.6	241.1	250.1	259.0	268.8	279.5
-45°	148.0	162.9	178.1	193.8	209.0	222.0	232.4	242.3	249.8	258.1	267.0
-47.5°	140.4	154.5	168.9	184.0	199.0	212.4	223.2	232.4	240.5	247.8	255.5
-50°	132.5	146.1	159.5	173.9	188.1	202.1	213.8	222.6	230.4	237.3	243.8
-52.5°	124.2	137.5	150.2	163.5	176.9	190.1	202.6	212.6	220.3	227.3	233.6
-55°	115.5	128.1	140.4	152.7	165.4	177.8	189.8	200.6	210.0	216.8	223.5
-57.5°	106.6	118.2	129.8	141.5	153.2	165.1	176.1	187.5	197.1	205.3	212.2
-60°	97.5	108.0	118.4	129.3	140.4	151.0	161.5	171.9	182.3	192.0	198.0
-62.5°	88.1	97.5	106.8	116.4	126.4	136.3	145.7	155.2	164.9	173.3	180.6
-65°	77.8	86.7	95.1	103.5	111.9	120.7	129.3	137.5	145.9	154.0	161.2
-67.5°	67.3	75.5	83.2	90.5	97.9	105.4	112.6	120.1	127.2	134.4	141.3
-70°	57.8	64.3	71.1	77.7	84.0	90.4	96.8	103.0	109.1	115.2	121.4
-72.5°	48.3	54.0	59.6	65.0	70.6	76.0	81.3	86.4	91.6	97.0	102.1
-75°	39.2	43.7	48.4	53.1	57.6	62.0	66.2	70.6	75.0	79.3	83.5
-77.5°	30.4	34.3	38.0	41.5	44.8	48.5	52.0	55.4	58.9	62.3	65.7
-80°	22.2	25.0	28.1	31.1	33.7	36.2	38.6	40.9	43.4	46.1	48.8
-82.5°	15.1	17.1	19.1	21.1	22.9	24.6	26.3	28.1	29.8	31.5	33.2
-85°	8.4	9.1	10.3	11.6	12.7	13.9	15.0	16.0	17.1	18.0	18.9
-87.5°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
-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: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	7.5	7.4	7.2	7.1	6.9	7.4	7.8	8.3	8.8	8.5	8.2
85°	19.8	20.3	20.7	21.0	21.3	22.2	23.1	24.0	24.7	24.7	24.6
82.5°	34.9	36.0	37.0	37.9	38.6	39.7	40.7	41.6	42.3	42.9	43.3
80°	51.4	53.3	54.8	56.3	57.6	59.0	60.4	61.6	62.7	63.2	63.6
77.5°	68.9	71.6	74.0	76.3	78.4	80.6	82.5	84.3	85.8	86.1	86.0
75°	87.5	91.1	94.4	97.5	100.4	102.8	104.9	106.7	108.1	108.8	109.2
72.5°	106.9	111.3	115.2	118.8	121.9	124.4	126.6	128.6	130.2	131.2	131.8
70°	127.2	132.5	136.5	139.9	142.5	145.0	147.9	150.6	153.1	154.5	155.1
67.5°	147.7	153.1	156.8	159.9	162.3	164.7	168.3	171.5	174.4	176.3	177.5
65°	167.6	173.3	177.1	180.0	182.2	184.6	188.6	191.8	194.3	196.2	198.0
62.5°	187.3	193.1	197.2	200.7	203.9	206.6	209.9	212.6	214.7	216.6	218.7
60°	204.4	211.2	215.5	219.1	223.1	227.4	229.8	231.8	233.5	235.0	236.4
57.5°	218.3	224.4	230.0	234.2	238.4	242.3	245.2	247.1	248.6	249.8	250.2
55°	230.0	236.3	242.5	247.1	251.2	254.9	258.1	260.5	262.6	264.2	264.5
52.5°	240.5	247.5	253.7	259.0	264.4	268.7	272.1	275.5	278.4	280.8	281.8
50°	251.9	259.2	266.9	274.0	279.7	284.7	288.9	293.6	298.6	302.7	305.3
47.5°	263.8	272.3	281.6	290.3	297.1	304.5	311.4	318.4	327.7	335.5	341.2
45°	276.4	287.3	297.8	308.9	318.3	332.3	345.3	356.5	371.3	384.8	395.5
42.5°	291.2	304.8	317.7	335.5	354.1	373.2	393.9	411.5	434.7	458.3	477.4
40°	308.7	326.0	348.8	372.7	402.1	428.4	464.1	495.9	531.5	576.5	613.6
37.5°	329.7	356.5	388.2	421.5	467.3	511.1	570.1	632.2	688.6	775.2	848.0
35°	357.1	394.5	436.3	495.1	560.0	642.1	734.1	854.1	957.0	1103.1	1242.7
32.5°	392.4	440.4	508.7	599.6	695.5	844.4	990.4	1198.8	1391.9	1623.3	1873.2
30°	431.7	504.8	609.1	733.7	912.5	1131.6	1389.0	1709.2	2059.5	2384.9	2705.5
27.5°	488.6	593.4	730.3	931.5	1210.1	1516.6	1967.6	2402.2	2855.6	3258.7	3594.9
25°	555.1	693.5	905.3	1201.5	1578.3	2103.2	2643.0	3179.4	3667.0	4089.0	4460.4
22.5°	640.9	840.0	1122.3	1506.0	2092.8	2721.9	3354.9	3946.5	4466.7	4936.6	5338.7
20°	734.3	983.3	1386.5	1958.7	2629.8	3346.4	4061.1	4691.4	5264.1	5796.9	6250.1
17.5°	852.6	1201.4	1712.0	2398.4	3174.2	3959.4	4710.3	5394.2	6044.0	6607.8	7081.3
15°	953.4	1393.4	2059.8	2864.8	3704.0	4532.3	5325.0	6067.9	6743.5	7322.0	7767.0
12.5°	1087.9	1608.6	2368.6	3265.8	4175.1	5046.7	5881.7	6649.5	7337.1	7909.2	8255.6
10°	1215.1	1831.5	2667.1	3602.8	4547.5	5476.1	6367.6	7155.1	7793.5	8248.6	8543.8
7.5°	1323.2	2022.9	2910.0	3875.1	4843.4	5814.2	6716.6	7482.8	8071.4	8451.5	8657.1
5°	1403.9	2166.1	3090.2	4096.4	5090.0	6077.9	6973.2	7692.5	8201.2	8483.6	8586.8
2.5°	1455.3	2250.2	3194.8	4241.6	5255.0	6244.7	7149.3	7857.3	8288.9	8476.0	8493.8
0°	1475.8	2261.0	3210.9	4317.8	5296.6	6292.2	7199.3	7925.1	8321.5	8475.5	8472.4
-2.5°	1455.3	2250.2	3194.8	4241.6	5255.0	6244.7	7149.3	7857.3	8288.9	8476.0	8493.8
-5°	1403.9	2166.1	3090.2	4096.4	5090.0	6077.9	6973.2	7692.5	8201.2	8483.6	8586.8
-7.5°	1323.2	2022.9	2910.0	3875.1	4843.4	5814.2	6716.6	7482.8	8071.4	8451.5	8657.1
-10°	1215.1	1831.5	2667.1	3602.8	4547.5	5476.1	6367.6	7155.1	7793.5	8248.6	8543.8
-12.5°	1087.9	1608.6	2368.6	3265.8	4175.1	5046.7	5881.7	6649.5	7337.1	7909.2	8255.6
-15°	953.4	1393.4	2059.8	2864.8	3704.0	4532.3	5325.0	6067.9	6743.5	7322.0	7767.0
-17.5°	852.6	1201.4	1712.0	2398.4	3174.2	3959.4	4710.3	5394.2	6044.0	6607.8	7081.3
-20°	734.3	983.3	1386.5	1958.7	2629.8	3346.4	4061.1	4691.4	5264.1	5796.9	6250.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	640.9	840.0	1122.3	1506.0	2092.8	2721.9	3354.9	3946.5	4466.7	4936.6	5338.7
-25°	555.1	693.5	905.3	1201.5	1578.3	2103.2	2643.0	3179.4	3667.0	4089.0	4460.4
-27.5°	488.6	593.4	730.3	931.5	1210.1	1516.6	1967.6	2402.2	2855.6	3258.7	3594.9
-30°	431.7	504.8	609.1	733.7	912.5	1131.6	1389.0	1709.2	2059.5	2384.9	2705.5
-32.5°	392.4	440.4	508.7	599.6	695.5	844.4	990.4	1198.8	1391.9	1623.3	1873.2
-35°	357.1	394.5	436.3	495.1	560.0	642.1	734.1	854.1	957.0	1103.1	1242.7
-37.5°	329.7	356.5	388.2	421.5	467.3	511.1	570.1	632.2	688.6	775.2	848.0
-40°	308.7	326.0	348.8	372.7	402.1	428.4	464.1	495.9	531.5	576.5	613.6
-42.5°	291.2	304.8	317.7	335.5	354.1	373.2	393.9	411.5	434.7	458.3	477.4
-45°	276.4	287.3	297.8	308.9	318.3	332.3	345.3	356.5	371.3	384.8	395.5
-47.5°	263.8	272.3	281.6	290.3	297.1	304.5	311.4	318.4	327.7	335.5	341.2
-50°	251.9	259.2	266.9	274.0	279.7	284.7	288.9	293.6	298.6	302.7	305.3
-52.5°	240.5	247.5	253.7	259.0	264.4	268.7	272.1	275.5	278.4	280.8	281.8
-55°	230.0	236.3	242.5	247.1	251.2	254.9	258.1	260.5	262.6	264.2	264.5
-57.5°	218.3	224.4	230.0	234.2	238.4	242.3	245.2	247.1	248.6	249.8	250.2
-60°	204.4	211.2	215.5	219.1	223.1	227.4	229.8	231.8	233.5	235.0	236.4
-62.5°	187.3	193.1	197.2	200.7	203.9	206.6	209.9	212.6	214.7	216.6	218.7
-65°	167.6	173.3	177.1	180.0	182.2	184.6	188.6	191.8	194.3	196.2	198.0
-67.5°	147.7	153.1	156.8	159.9	162.3	164.7	168.3	171.5	174.4	176.3	177.5
-70°	127.2	132.5	136.5	139.9	142.5	145.0	147.9	150.6	153.1	154.5	155.1
-72.5°	106.9	111.3	115.2	118.8	121.9	124.4	126.6	128.6	130.2	131.2	131.8
-75°	87.5	91.1	94.4	97.5	100.4	102.8	104.9	106.7	108.1	108.8	109.2
-77.5°	68.9	71.6	74.0	76.3	78.4	80.6	82.5	84.3	85.8	86.1	86.0
-80°	51.4	53.3	54.8	56.3	57.6	59.0	60.4	61.6	62.7	63.2	63.6
-82.5°	34.9	36.0	37.0	37.9	38.6	39.7	40.7	41.6	42.3	42.9	43.3
-85°	19.8	20.3	20.7	21.0	21.3	22.2	23.1	24.0	24.7	24.7	24.6
-87.5°	7.5	7.4	7.2	7.1	6.9	7.4	7.8	8.3	8.8	8.5	8.2
-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: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	7.9	7.6	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.8	8.3
85°	24.5	24.3	23.6	22.9	23.6	24.3	24.5	24.6	24.7	24.7	24.0
82.5°	43.7	44.0	43.4	42.7	43.4	44.0	43.7	43.3	42.9	42.3	41.6
80°	63.7	63.7	63.2	62.5	63.2	63.7	63.7	63.6	63.2	62.7	61.6
77.5°	85.7	85.0	85.3	85.4	85.3	85.0	85.7	86.0	86.1	85.8	84.3
75°	109.4	109.3	108.9	108.2	108.9	109.3	109.4	109.2	108.8	108.1	106.7
72.5°	132.1	132.0	131.7	131.1	131.7	132.0	132.1	131.8	131.2	130.2	128.6
70°	155.2	154.9	155.3	155.5	155.3	154.9	155.2	155.1	154.5	153.1	150.6
67.5°	178.5	179.1	179.0	178.4	179.0	179.1	178.5	177.5	176.3	174.4	171.5
65°	199.4	200.4	201.1	201.3	201.1	200.4	199.4	198.0	196.2	194.3	191.8
62.5°	220.4	221.6	221.7	221.1	221.7	221.6	220.4	218.7	216.6	214.7	212.6
60°	237.1	237.3	237.0	236.3	237.0	237.3	237.1	236.4	235.0	233.5	231.8
57.5°	250.2	249.7	249.2	248.5	249.2	249.7	250.2	250.2	249.8	248.6	247.1
55°	264.3	263.6	263.0	262.2	263.0	263.6	264.3	264.5	264.2	262.6	260.5
52.5°	282.1	281.7	281.2	280.5	281.2	281.7	282.1	281.8	280.8	278.4	275.5
50°	306.7	307.0	307.0	306.5	307.0	307.0	306.7	305.3	302.7	298.6	293.6
47.5°	344.9	346.9	348.3	349.1	348.3	346.9	344.9	341.2	335.5	327.7	318.4
45°	402.3	406.3	409.2	411.7	409.2	406.3	402.3	395.5	384.8	371.3	356.5
42.5°	490.8	499.9	504.2	503.1	504.2	499.9	490.8	477.4	458.3	434.7	411.5
40°	638.4	653.1	661.3	667.8	661.3	653.1	638.4	613.6	576.5	531.5	495.9
37.5°	897.8	926.3	941.3	954.4	941.3	926.3	897.8	848.0	775.2	688.6	632.2
35°	1347.0	1411.2	1445.6	1457.6	1445.6	1411.2	1347.0	1242.7	1103.1	957.0	854.1
32.5°	2067.6	2186.0	2251.6	2302.2	2251.6	2186.0	2067.6	1873.2	1623.3	1391.9	1198.8
30°	2959.3	3115.4	3202.1	3244.4	3202.1	3115.4	2959.3	2705.5	2384.9	2059.5	1709.2
27.5°	3873.5	4051.0	4144.5	4139.4	4144.5	4051.0	3873.5	3594.9	3258.7	2855.6	2402.2
25°	4778.9	4984.4	5077.6	5160.9	5077.6	4984.4	4778.9	4460.4	4089.0	3667.0	3179.4
22.5°	5694.6	5934.9	6066.0	6127.5	6066.0	5934.9	5694.6	5338.7	4936.6	4466.7	3946.5
20°	6599.3	6866.8	7006.1	7066.7	7006.1	6866.8	6599.3	6250.1	5796.9	5264.1	4691.4
17.5°	7401.8	7663.0	7795.6	7851.9	7795.6	7663.0	7401.8	7081.3	6607.8	6044.0	5394.2
15°	8042.5	8235.2	8348.0	8377.9	8348.0	8235.2	8042.5	7767.0	7322.0	6743.5	6067.9
12.5°	8485.4	8560.0	8614.3	8631.0	8614.3	8560.0	8485.4	8255.6	7909.2	7337.1	6649.5
10°	8711.8	8678.2	8664.3	8666.0	8664.3	8678.2	8711.8	8543.8	8248.6	7793.5	7155.1
7.5°	8696.3	8646.5	8546.3	8530.4	8546.3	8646.5	8696.3	8657.1	8451.5	8071.4	7482.8
5°	8571.3	8480.6	8314.4	8266.6	8314.4	8480.6	8571.3	8586.8	8483.6	8201.2	7692.5
2.5°	8425.7	8262.1	8109.0	8010.4	8109.0	8262.1	8425.7	8493.8	8476.0	8288.9	7857.3
0°	8382.5	8193.4	7995.2	7931.2	7995.2	8193.4	8382.5	8472.4	8475.5	8321.5	7925.1
-2.5°	8425.7	8262.1	8109.0	8010.4	8109.0	8262.1	8425.7	8493.8	8476.0	8288.9	7857.3
-5°	8571.3	8480.6	8314.4	8266.6	8314.4	8480.6	8571.3	8586.8	8483.6	8201.2	7692.5
-7.5°	8696.3	8646.5	8546.3	8530.4	8546.3	8646.5	8696.3	8657.1	8451.5	8071.4	7482.8
-10°	8711.8	8678.2	8664.3	8666.0	8664.3	8678.2	8711.8	8543.8	8248.6	7793.5	7155.1
-12.5°	8485.4	8560.0	8614.3	8631.0	8614.3	8560.0	8485.4	8255.6	7909.2	7337.1	6649.5
-15°	8042.5	8235.2	8348.0	8377.9	8348.0	8235.2	8042.5	7767.0	7322.0	6743.5	6067.9
-17.5°	7401.8	7663.0	7795.6	7851.9	7795.6	7663.0	7401.8	7081.3	6607.8	6044.0	5394.2
-20°	6599.3	6866.8	7006.1	7066.7	7006.1	6866.8	6599.3	6250.1	5796.9	5264.1	4691.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	5694.6	5934.9	6066.0	6127.5	6066.0	5934.9	5694.6	5338.7	4936.6	4466.7	3946.5
-25°	4778.9	4984.4	5077.6	5160.9	5077.6	4984.4	4778.9	4460.4	4089.0	3667.0	3179.4
-27.5°	3873.5	4051.0	4144.5	4139.4	4144.5	4051.0	3873.5	3594.9	3258.7	2855.6	2402.2
-30°	2959.3	3115.4	3202.1	3244.4	3202.1	3115.4	2959.3	2705.5	2384.9	2059.5	1709.2
-32.5°	2067.6	2186.0	2251.6	2302.2	2251.6	2186.0	2067.6	1873.2	1623.3	1391.9	1198.8
-35°	1347.0	1411.2	1445.6	1457.6	1445.6	1411.2	1347.0	1242.7	1103.1	957.0	854.1
-37.5°	897.8	926.3	941.3	954.4	941.3	926.3	897.8	848.0	775.2	688.6	632.2
-40°	638.4	653.1	661.3	667.8	661.3	653.1	638.4	613.6	576.5	531.5	495.9
-42.5°	490.8	499.9	504.2	503.1	504.2	499.9	490.8	477.4	458.3	434.7	411.5
-45°	402.3	406.3	409.2	411.7	409.2	406.3	402.3	395.5	384.8	371.3	356.5
-47.5°	344.9	346.9	348.3	349.1	348.3	346.9	344.9	341.2	335.5	327.7	318.4
-50°	306.7	307.0	307.0	306.5	307.0	307.0	306.7	305.3	302.7	298.6	293.6
-52.5°	282.1	281.7	281.2	280.5	281.2	281.7	282.1	281.8	280.8	278.4	275.5
-55°	264.3	263.6	263.0	262.2	263.0	263.6	264.3	264.5	264.2	262.6	260.5
-57.5°	250.2	249.7	249.2	248.5	249.2	249.7	250.2	250.2	249.8	248.6	247.1
-60°	237.1	237.3	237.0	236.3	237.0	237.3	237.1	236.4	235.0	233.5	231.8
-62.5°	220.4	221.6	221.7	221.1	221.7	221.6	220.4	218.7	216.6	214.7	212.6
-65°	199.4	200.4	201.1	201.3	201.1	200.4	199.4	198.0	196.2	194.3	191.8
-67.5°	178.5	179.1	179.0	178.4	179.0	179.1	178.5	177.5	176.3	174.4	171.5
-70°	155.2	154.9	155.3	155.5	155.3	154.9	155.2	155.1	154.5	153.1	150.6
-72.5°	132.1	132.0	131.7	131.1	131.7	132.0	132.1	131.8	131.2	130.2	128.6
-75°	109.4	109.3	108.9	108.2	108.9	109.3	109.4	109.2	108.8	108.1	106.7
-77.5°	85.7	85.0	85.3	85.4	85.3	85.0	85.7	86.0	86.1	85.8	84.3
-80°	63.7	63.7	63.2	62.5	63.2	63.7	63.7	63.6	63.2	62.7	61.6
-82.5°	43.7	44.0	43.4	42.7	43.4	44.0	43.7	43.3	42.9	42.3	41.6
-85°	24.5	24.3	23.6	22.9	23.6	24.3	24.5	24.6	24.7	24.7	24.0
-87.5°	7.9	7.6	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.8	8.3
-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: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-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°	7.8	7.4	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	6.4
85°	23.1	22.2	21.3	21.0	20.7	20.3	19.8	18.9	18.0	17.1	16.0
82.5°	40.7	39.7	38.6	37.9	37.0	36.0	34.9	33.2	31.5	29.8	28.1
80°	60.4	59.0	57.6	56.3	54.8	53.3	51.4	48.8	46.1	43.4	40.9
77.5°	82.5	80.6	78.4	76.3	74.0	71.6	68.9	65.7	62.3	58.9	55.4
75°	104.9	102.8	100.4	97.5	94.4	91.1	87.5	83.5	79.3	75.0	70.6
72.5°	126.6	124.4	121.9	118.8	115.2	111.3	106.9	102.1	97.0	91.6	86.4
70°	147.9	145.0	142.5	139.9	136.5	132.5	127.2	121.4	115.2	109.1	103.0
67.5°	168.3	164.7	162.3	159.9	156.8	153.1	147.7	141.3	134.4	127.2	120.1
65°	188.6	184.6	182.2	180.0	177.1	173.3	167.6	161.2	154.0	145.9	137.5
62.5°	209.9	206.6	203.9	200.7	197.2	193.1	187.3	180.6	173.3	164.9	155.2
60°	229.8	227.4	223.1	219.1	215.5	211.2	204.4	198.0	192.0	182.3	171.9
57.5°	245.2	242.3	238.4	234.2	230.0	224.4	218.3	212.2	205.3	197.1	187.5
55°	258.1	254.9	251.2	247.1	242.5	236.3	230.0	223.5	216.8	210.0	200.6
52.5°	272.1	268.7	264.4	259.0	253.7	247.5	240.5	233.6	227.3	220.3	212.6
50°	288.9	284.7	279.7	274.0	266.9	259.2	251.9	243.8	237.3	230.4	222.6
47.5°	311.4	304.5	297.1	290.3	281.6	272.3	263.8	255.5	247.8	240.5	232.4
45°	345.3	332.3	318.3	308.9	297.8	287.3	276.4	267.0	258.1	249.8	242.3
42.5°	393.9	373.2	354.1	335.5	317.7	304.8	291.2	279.5	268.8	259.0	250.1
40°	464.1	428.4	402.1	372.7	348.8	326.0	308.7	292.9	280.4	268.8	258.0
37.5°	570.1	511.1	467.3	421.5	388.2	356.5	329.7	309.2	292.3	278.8	266.3
35°	734.1	642.1	560.0	495.1	436.3	394.5	357.1	328.3	306.7	289.1	274.5
32.5°	990.4	844.4	695.5	599.6	508.7	440.4	392.4	352.7	322.1	301.1	283.6
30°	1389.0	1131.6	912.5	733.7	609.1	504.8	431.7	383.2	344.0	313.4	292.9
27.5°	1967.6	1516.6	1210.1	931.5	730.3	593.4	488.6	415.8	367.0	330.5	303.5
25°	2643.0	2103.2	1578.3	1201.5	905.3	693.5	555.1	461.4	395.6	348.4	312.8
22.5°	3354.9	2721.9	2092.8	1506.0	1122.3	840.0	640.9	507.4	422.5	367.4	326.4
20°	4061.1	3346.4	2629.8	1958.7	1386.5	983.3	734.3	568.4	460.0	388.7	339.3
17.5°	4710.3	3959.4	3174.2	2398.4	1712.0	1201.4	852.6	630.2	492.8	407.6	350.5
15°	5325.0	4532.3	3704.0	2864.8	2059.8	1393.4	953.4	684.0	526.9	429.6	365.0
12.5°	5881.7	5046.7	4175.1	3265.8	2368.6	1608.6	1087.9	763.2	568.8	452.4	378.8
10°	6367.6	5476.1	4547.5	3602.8	2667.1	1831.5	1215.1	830.8	605.1	471.3	390.0
7.5°	6716.6	5814.2	4843.4	3875.1	2910.0	2022.9	1323.2	884.3	633.5	485.9	398.7
5°	6973.2	6077.9	5090.0	4096.4	3090.2	2166.1	1403.9	922.0	653.9	495.9	404.7
2.5°	7149.3	6244.7	5255.0	4241.6	3194.8	2250.2	1455.3	942.2	663.5	503.8	408.0
0°	7199.3	6292.2	5296.6	4317.8	3210.9	2261.0	1475.8	945.3	663.2	507.7	408.6
-2.5°	7149.3	6244.7	5255.0	4241.6	3194.8	2250.2	1455.3	942.2	663.5	503.8	408.0
-5°	6973.2	6077.9	5090.0	4096.4	3090.2	2166.1	1403.9	922.0	653.9	495.9	404.7
-7.5°	6716.6	5814.2	4843.4	3875.1	2910.0	2022.9	1323.2	884.3	633.5	485.9	398.7
-10°	6367.6	5476.1	4547.5	3602.8	2667.1	1831.5	1215.1	830.8	605.1	471.3	390.0
-12.5°	5881.7	5046.7	4175.1	3265.8	2368.6	1608.6	1087.9	763.2	568.8	452.4	378.8
-15°	5325.0	4532.3	3704.0	2864.8	2059.8	1393.4	953.4	684.0	526.9	429.6	365.0
-17.5°	4710.3	3959.4	3174.2	2398.4	1712.0	1201.4	852.6	630.2	492.8	407.6	350.5
-20°	4061.1	3346.4	2629.8	1958.7	1386.5	983.3	734.3	568.4	460.0	388.7	339.3



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3354.9	2721.9	2092.8	1506.0	1122.3	840.0	640.9	507.4	422.5	367.4	326.4
-25°	2643.0	2103.2	1578.3	1201.5	905.3	693.5	555.1	461.4	395.6	348.4	312.8
-27.5°	1967.6	1516.6	1210.1	931.5	730.3	593.4	488.6	415.8	367.0	330.5	303.5
-30°	1389.0	1131.6	912.5	733.7	609.1	504.8	431.7	383.2	344.0	313.4	292.9
-32.5°	990.4	844.4	695.5	599.6	508.7	440.4	392.4	352.7	322.1	301.1	283.6
-35°	734.1	642.1	560.0	495.1	436.3	394.5	357.1	328.3	306.7	289.1	274.5
-37.5°	570.1	511.1	467.3	421.5	388.2	356.5	329.7	309.2	292.3	278.8	266.3
-40°	464.1	428.4	402.1	372.7	348.8	326.0	308.7	292.9	280.4	268.8	258.0
-42.5°	393.9	373.2	354.1	335.5	317.7	304.8	291.2	279.5	268.8	259.0	250.1
-45°	345.3	332.3	318.3	308.9	297.8	287.3	276.4	267.0	258.1	249.8	242.3
-47.5°	311.4	304.5	297.1	290.3	281.6	272.3	263.8	255.5	247.8	240.5	232.4
-50°	288.9	284.7	279.7	274.0	266.9	259.2	251.9	243.8	237.3	230.4	222.6
-52.5°	272.1	268.7	264.4	259.0	253.7	247.5	240.5	233.6	227.3	220.3	212.6
-55°	258.1	254.9	251.2	247.1	242.5	236.3	230.0	223.5	216.8	210.0	200.6
-57.5°	245.2	242.3	238.4	234.2	230.0	224.4	218.3	212.2	205.3	197.1	187.5
-60°	229.8	227.4	223.1	219.1	215.5	211.2	204.4	198.0	192.0	182.3	171.9
-62.5°	209.9	206.6	203.9	200.7	197.2	193.1	187.3	180.6	173.3	164.9	155.2
-65°	188.6	184.6	182.2	180.0	177.1	173.3	167.6	161.2	154.0	145.9	137.5
-67.5°	168.3	164.7	162.3	159.9	156.8	153.1	147.7	141.3	134.4	127.2	120.1
-70°	147.9	145.0	142.5	139.9	136.5	132.5	127.2	121.4	115.2	109.1	103.0
-72.5°	126.6	124.4	121.9	118.8	115.2	111.3	106.9	102.1	97.0	91.6	86.4
-75°	104.9	102.8	100.4	97.5	94.4	91.1	87.5	83.5	79.3	75.0	70.6
-77.5°	82.5	80.6	78.4	76.3	74.0	71.6	68.9	65.7	62.3	58.9	55.4
-80°	60.4	59.0	57.6	56.3	54.8	53.3	51.4	48.8	46.1	43.4	40.9
-82.5°	40.7	39.7	38.6	37.9	37.0	36.0	34.9	33.2	31.5	29.8	28.1
-85°	23.1	22.2	21.3	21.0	20.7	20.3	19.8	18.9	18.0	17.1	16.0
-87.5°	7.8	7.4	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	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



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.3	2.9	2.4
85°	15.0	13.9	12.7	11.6	10.3	9.1	8.4	7.7	6.7	5.7	4.8
82.5°	26.3	24.6	22.9	21.1	19.1	17.1	15.1	13.1	11.0	8.7	7.2
80°	38.6	36.2	33.7	31.1	28.1	25.0	22.2	19.5	16.9	14.1	11.2
77.5°	52.0	48.5	44.8	41.5	38.0	34.3	30.4	26.4	22.8	19.5	16.0
75°	66.2	62.0	57.6	53.1	48.4	43.7	39.2	34.5	29.8	25.0	20.9
72.5°	81.3	76.0	70.6	65.0	59.6	54.0	48.3	42.6	37.1	31.6	25.9
70°	96.8	90.4	84.0	77.7	71.1	64.3	57.8	51.1	44.4	38.0	31.6
67.5°	112.6	105.4	97.9	90.5	83.2	75.5	67.3	59.5	51.8	44.4	37.1
65°	129.3	120.7	111.9	103.5	95.1	86.7	77.8	68.0	59.2	50.8	42.6
62.5°	145.7	136.3	126.4	116.4	106.8	97.5	88.1	77.2	66.5	57.1	48.0
60°	161.5	151.0	140.4	129.3	118.4	108.0	97.5	86.2	74.5	63.2	53.3
57.5°	176.1	165.1	153.2	141.5	129.8	118.2	106.6	94.6	82.2	69.8	58.4
55°	189.8	177.8	165.4	152.7	140.4	128.1	115.5	102.7	89.7	76.4	63.5
52.5°	202.6	190.1	176.9	163.5	150.2	137.5	124.2	110.6	96.8	82.8	69.0
50°	213.8	202.1	188.1	173.9	159.5	146.1	132.5	118.2	103.6	88.9	74.4
47.5°	223.2	212.4	199.0	184.0	168.9	154.5	140.4	125.5	110.2	94.8	79.6
45°	232.4	222.0	209.0	193.8	178.1	162.9	148.0	132.6	116.6	100.5	84.5
42.5°	241.1	230.6	218.5	203.1	187.0	171.0	155.3	139.3	122.7	105.8	89.2
40°	248.4	238.2	227.4	212.1	195.3	178.7	162.3	145.7	128.5	111.0	93.7
37.5°	255.6	245.1	234.0	220.5	203.1	185.9	168.9	151.9	134.1	115.9	97.9
35°	262.5	251.7	240.0	227.1	210.3	192.6	175.0	157.7	139.3	120.6	101.8
32.5°	268.8	257.6	245.4	232.4	217.0	198.7	180.7	162.8	144.2	125.1	105.4
30°	276.1	262.6	250.3	237.7	222.7	204.4	185.9	167.5	148.7	129.3	108.8
27.5°	283.2	267.3	254.7	242.0	227.2	209.5	190.7	171.9	152.8	133.2	112.2
25°	290.0	272.8	258.8	245.7	231.5	214.4	195.2	175.9	156.5	136.6	115.3
22.5°	297.8	277.8	262.6	248.8	235.7	218.8	199.2	179.5	159.7	139.6	118.2
20°	304.8	281.9	266.1	251.8	238.8	222.2	202.8	182.7	162.6	142.2	120.8
17.5°	311.6	286.5	269.5	254.7	241.1	225.1	206.0	185.6	165.1	144.6	123.0
15°	321.1	291.9	272.5	257.1	243.1	227.6	208.7	188.0	167.3	146.5	125.1
12.5°	329.2	296.4	274.9	259.1	244.7	229.7	210.9	190.0	169.1	148.3	126.9
10°	335.8	299.9	276.9	260.7	245.9	231.3	212.7	191.7	170.7	149.8	128.4
7.5°	340.8	302.6	278.2	261.8	246.7	232.5	214.3	193.2	172.1	151.0	129.6
5°	344.2	304.4	279.4	262.4	247.2	233.3	215.5	194.3	173.0	151.8	130.4
2.5°	346.0	305.1	280.2	262.5	247.3	233.5	216.3	195.0	173.6	152.3	130.9
0°	346.1	304.9	280.5	262.2	247.0	233.3	216.5	195.2	173.8	152.5	131.1
-2.5°	346.0	305.1	280.2	262.5	247.3	233.5	216.3	195.0	173.6	152.3	130.9
-5°	344.2	304.4	279.4	262.4	247.2	233.3	215.5	194.3	173.0	151.8	130.4
-7.5°	340.8	302.6	278.2	261.8	246.7	232.5	214.3	193.2	172.1	151.0	129.6
-10°	335.8	299.9	276.9	260.7	245.9	231.3	212.7	191.7	170.7	149.8	128.4
-12.5°	329.2	296.4	274.9	259.1	244.7	229.7	210.9	190.0	169.1	148.3	126.9
-15°	321.1	291.9	272.5	257.1	243.1	227.6	208.7	188.0	167.3	146.5	125.1
-17.5°	311.6	286.5	269.5	254.7	241.1	225.1	206.0	185.6	165.1	144.6	123.0
-20°	304.8	281.9	266.1	251.8	238.8	222.2	202.8	182.7	162.6	142.2	120.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	297.8	277.8	262.6	248.8	235.7	218.8	199.2	179.5	159.7	139.6	118.2
-25°	290.0	272.8	258.8	245.7	231.5	214.4	195.2	175.9	156.5	136.6	115.3
-27.5°	283.2	267.3	254.7	242.0	227.2	209.5	190.7	171.9	152.8	133.2	112.2
-30°	276.1	262.6	250.3	237.7	222.7	204.4	185.9	167.5	148.7	129.3	108.8
-32.5°	268.8	257.6	245.4	232.4	217.0	198.7	180.7	162.8	144.2	125.1	105.4
-35°	262.5	251.7	240.0	227.1	210.3	192.6	175.0	157.7	139.3	120.6	101.8
-37.5°	255.6	245.1	234.0	220.5	203.1	185.9	168.9	151.9	134.1	115.9	97.9
-40°	248.4	238.2	227.4	212.1	195.3	178.7	162.3	145.7	128.5	111.0	93.7
-42.5°	241.1	230.6	218.5	203.1	187.0	171.0	155.3	139.3	122.7	105.8	89.2
-45°	232.4	222.0	209.0	193.8	178.1	162.9	148.0	132.6	116.6	100.5	84.5
-47.5°	223.2	212.4	199.0	184.0	168.9	154.5	140.4	125.5	110.2	94.8	79.6
-50°	213.8	202.1	188.1	173.9	159.5	146.1	132.5	118.2	103.6	88.9	74.4
-52.5°	202.6	190.1	176.9	163.5	150.2	137.5	124.2	110.6	96.8	82.8	69.0
-55°	189.8	177.8	165.4	152.7	140.4	128.1	115.5	102.7	89.7	76.4	63.5
-57.5°	176.1	165.1	153.2	141.5	129.8	118.2	106.6	94.6	82.2	69.8	58.4
-60°	161.5	151.0	140.4	129.3	118.4	108.0	97.5	86.2	74.5	63.2	53.3
-62.5°	145.7	136.3	126.4	116.4	106.8	97.5	88.1	77.2	66.5	57.1	48.0
-65°	129.3	120.7	111.9	103.5	95.1	86.7	77.8	68.0	59.2	50.8	42.6
-67.5°	112.6	105.4	97.9	90.5	83.2	75.5	67.3	59.5	51.8	44.4	37.1
-70°	96.8	90.4	84.0	77.7	71.1	64.3	57.8	51.1	44.4	38.0	31.6
-72.5°	81.3	76.0	70.6	65.0	59.6	54.0	48.3	42.6	37.1	31.6	25.9
-75°	66.2	62.0	57.6	53.1	48.4	43.7	39.2	34.5	29.8	25.0	20.9
-77.5°	52.0	48.5	44.8	41.5	38.0	34.3	30.4	26.4	22.8	19.5	16.0
-80°	38.6	36.2	33.7	31.1	28.1	25.0	22.2	19.5	16.9	14.1	11.2
-82.5°	26.3	24.6	22.9	21.1	19.1	17.1	15.1	13.1	11.0	8.7	7.2
-85°	15.0	13.9	12.7	11.6	10.3	9.1	8.4	7.7	6.7	5.7	4.8
-87.5°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.3	2.9	2.4
-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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REPORT NUMBER: P626757 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
82.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
80°	8.1	6.5	5.3	3.9	2.6	1.3	0.0
77.5°	12.4	8.8	6.5	4.9	3.3	1.6	0.0
75°	16.6	12.4	8.1	5.9	3.9	2.0	0.0
72.5°	20.8	15.9	10.9	6.8	4.6	2.3	0.0
70°	25.0	19.3	13.7	8.0	5.2	2.6	0.0
67.5°	29.8	22.7	16.4	10.0	5.8	2.9	0.0
65°	34.4	26.3	19.1	12.0	6.4	3.2	0.0
62.5°	39.0	30.1	21.7	14.0	7.0	3.5	0.0
60°	43.4	33.7	24.3	15.9	7.6	3.8	0.0
57.5°	47.8	37.2	27.1	17.8	8.8	4.1	0.0
55°	52.2	40.7	29.8	19.7	10.0	4.4	0.0
52.5°	56.4	44.0	32.4	21.4	11.2	4.6	0.0
50°	60.6	47.5	34.9	23.1	12.3	4.9	0.0
47.5°	64.6	50.8	37.4	24.8	13.3	5.1	0.0
45°	68.9	54.1	39.7	26.6	14.4	5.4	0.0
42.5°	72.9	57.2	41.9	28.2	15.3	5.6	0.0
40°	76.7	60.2	44.1	29.8	16.2	5.8	0.0
37.5°	80.3	63.1	46.4	31.2	17.1	6.0	0.0
35°	83.7	65.8	48.6	32.5	17.9	6.2	0.0
32.5°	86.8	68.5	50.6	33.8	18.7	6.4	0.0
30°	89.7	70.9	52.5	34.9	19.3	6.6	0.0
27.5°	92.4	73.2	54.2	36.0	20.0	6.7	0.0
25°	94.8	75.3	55.7	37.0	20.5	6.9	0.0
22.5°	97.0	77.1	57.1	37.9	21.1	7.0	0.0
20°	98.9	78.7	58.3	38.6	21.5	7.1	0.0
17.5°	100.6	80.0	59.4	39.3	21.9	7.2	0.0
15°	102.2	81.2	60.4	39.9	22.2	7.3	0.0
12.5°	103.5	82.1	61.1	40.4	22.5	7.4	0.0
10°	104.6	82.9	61.7	40.8	22.7	7.5	0.0
7.5°	105.5	83.5	62.2	41.0	22.8	7.5	0.0
5°	106.2	83.8	62.4	41.2	22.9	7.6	0.0
2.5°	106.6	84.0	62.6	41.2	22.9	7.6	0.0
0°	106.7	83.9	62.5	41.2	22.9	7.6	0.0
-2.5°	106.6	84.0	62.6	41.2	22.9	7.6	0.0
-5°	106.2	83.8	62.4	41.2	22.9	7.6	0.0
-7.5°	105.5	83.5	62.2	41.0	22.8	7.5	0.0
-10°	104.6	82.9	61.7	40.8	22.7	7.5	0.0
-12.5°	103.5	82.1	61.1	40.4	22.5	7.4	0.0
-15°	102.2	81.2	60.4	39.9	22.2	7.3	0.0
-17.5°	100.6	80.0	59.4	39.3	21.9	7.2	0.0
-20°	98.9	78.7	58.3	38.6	21.5	7.1	0.0

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CATALOG NUMBER: GFLD-SA1D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	97.0	77.1	57.1	37.9	21.1	7.0	0.0
-25°	94.8	75.3	55.7	37.0	20.5	6.9	0.0
-27.5°	92.4	73.2	54.2	36.0	20.0	6.7	0.0
-30°	89.7	70.9	52.5	34.9	19.3	6.6	0.0
-32.5°	86.8	68.5	50.6	33.8	18.7	6.4	0.0
-35°	83.7	65.8	48.6	32.5	17.9	6.2	0.0
-37.5°	80.3	63.1	46.4	31.2	17.1	6.0	0.0
-40°	76.7	60.2	44.1	29.8	16.2	5.8	0.0
-42.5°	72.9	57.2	41.9	28.2	15.3	5.6	0.0
-45°	68.9	54.1	39.7	26.6	14.4	5.4	0.0
-47.5°	64.6	50.8	37.4	24.8	13.3	5.1	0.0
-50°	60.6	47.5	34.9	23.1	12.3	4.9	0.0
-52.5°	56.4	44.0	32.4	21.4	11.2	4.6	0.0
-55°	52.2	40.7	29.8	19.7	10.0	4.4	0.0
-57.5°	47.8	37.2	27.1	17.8	8.8	4.1	0.0
-60°	43.4	33.7	24.3	15.9	7.6	3.8	0.0
-62.5°	39.0	30.1	21.7	14.0	7.0	3.5	0.0
-65°	34.4	26.3	19.1	12.0	6.4	3.2	0.0
-67.5°	29.8	22.7	16.4	10.0	5.8	2.9	0.0
-70°	25.0	19.3	13.7	8.0	5.2	2.6	0.0
-72.5°	20.8	15.9	10.9	6.8	4.6	2.3	0.0
-75°	16.6	12.4	8.1	5.9	3.9	2.0	0.0
-77.5°	12.4	8.8	6.5	4.9	3.3	1.6	0.0
-80°	8.1	6.5	5.3	3.9	2.6	1.3	0.0
-82.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-85°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-87.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)