

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: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-750-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N79
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

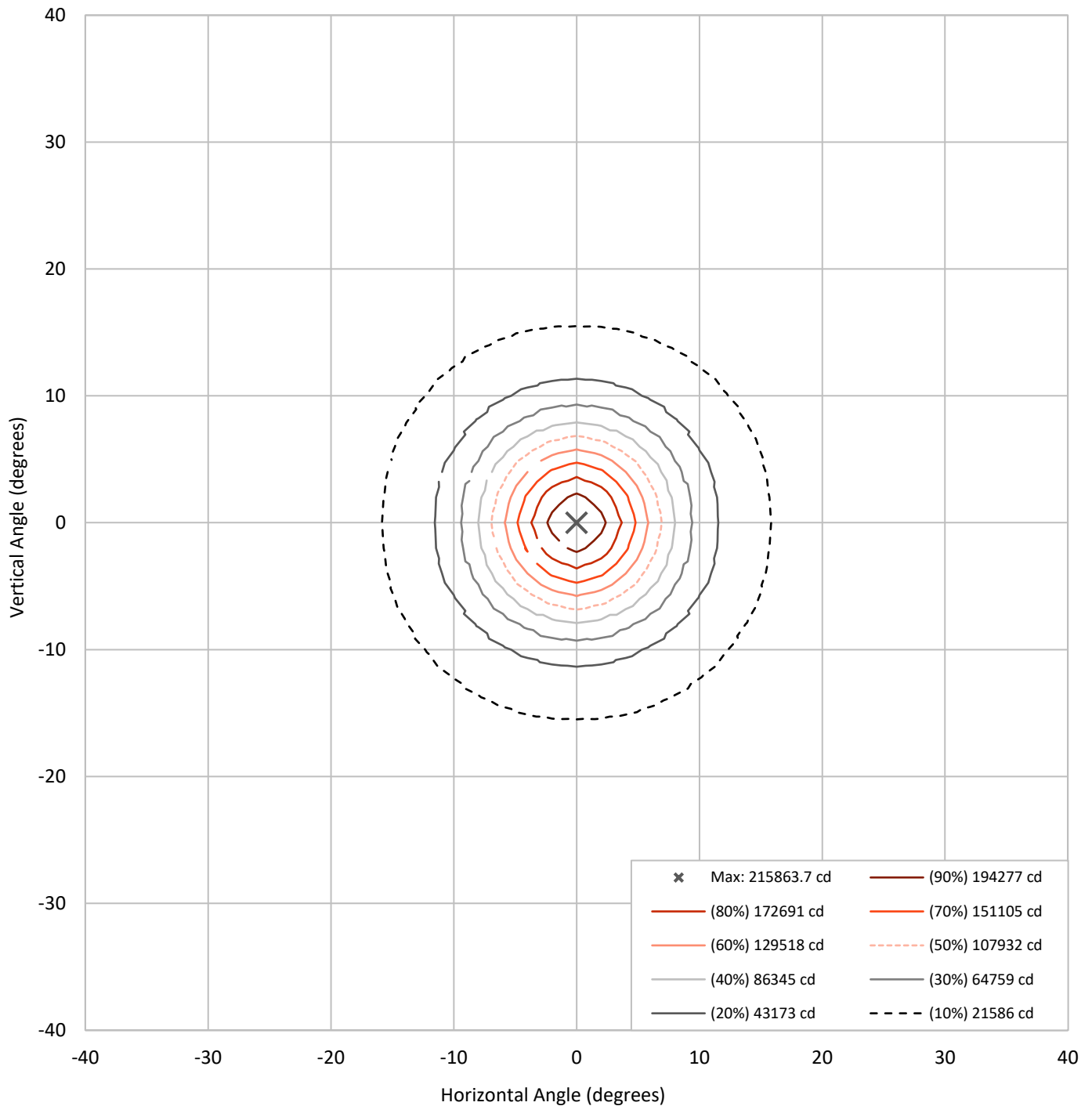
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22921.5 lumens	Max Intensity:	215863.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6776.9 lumens	Field Lumens:	15250.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	160.2		
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





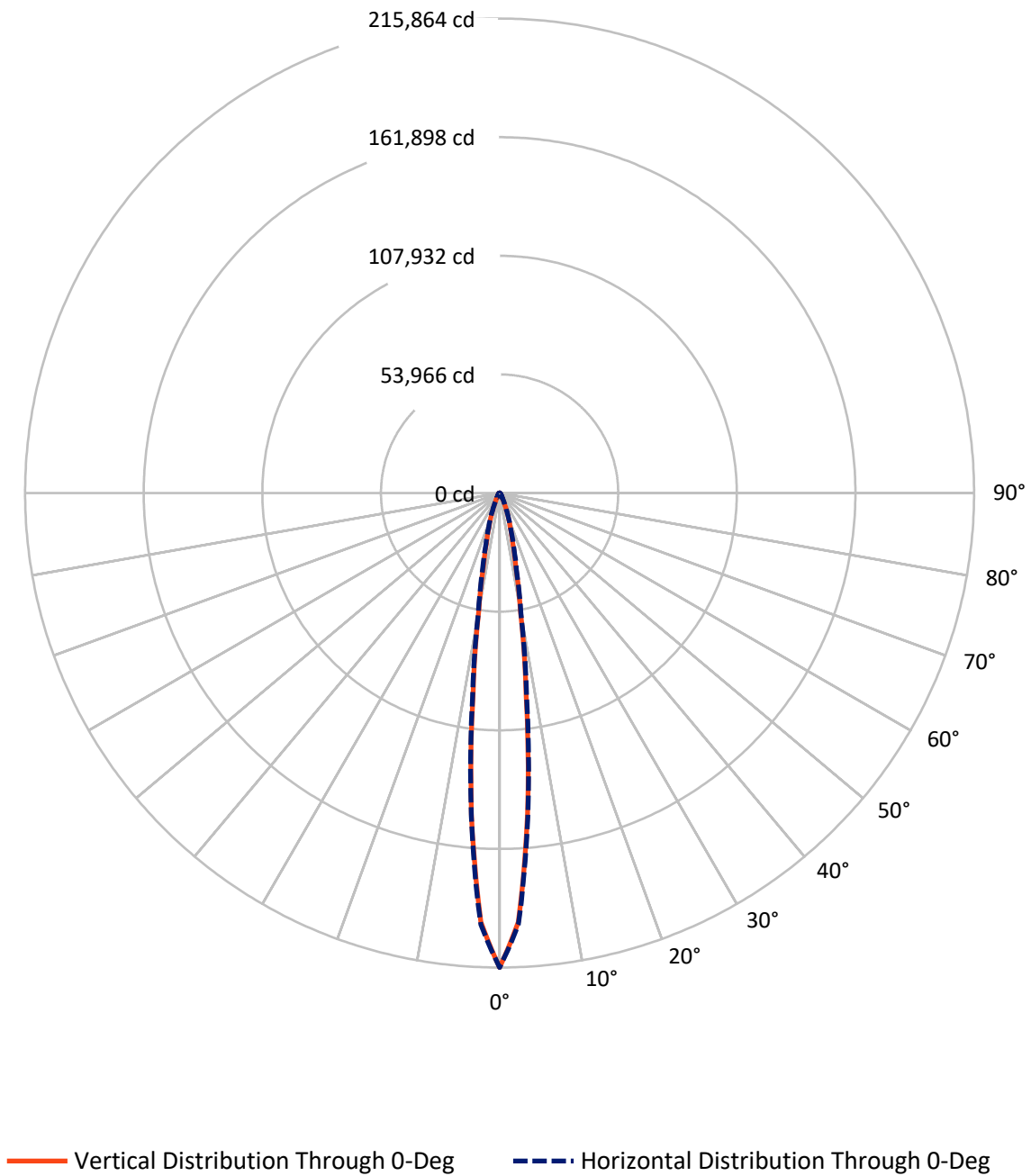
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Lumen Table

90	0.4	3.1		8.3		13.3		14.6		13.3		8.3		3.1		0.4			
80	0.4	3.1		8.3		13.3		14.6		13.3		8.3		3.1		0.4			
70	1.4	1.6	3.3	5.4	7.7	9.4	10.6	11.1	11.1	10.6	9.4	7.7	5.4	3.3	1.6	1.4			
60		2.4	5.0	8.1	10.8	13.2	14.8	15.4	15.4	14.8	13.2	10.8	8.1	5.0	2.4				
50	2.5	3.2	6.4	10.0	13.2	16.7	19.6	21.2	21.2	19.6	16.7	13.2	10.0	6.4	3.2	2.5			
40		3.8	7.6	11.5	16.3	23.4	33.0	40.9	40.9	33.0	23.4	16.3	11.5	7.6	3.8				
30	3.2	4.3	8.3	13.0	21.1	41.9	95.4	157.9	157.9	95.4	41.9	21.1	13.0	8.3	4.3	3.2			
20		4.6	8.7	14.3	28.0	88.9	315.8	680.1	680.1	315.8	88.9	28.0	14.3	8.7	4.6				
10	3.5	4.8	8.9	15.2	33.8	146.6	686.5	2965.4	2965.4	686.5	146.6	33.8	15.2	8.9	4.8	3.5			
0		4.8	8.9	15.2	33.8	146.6	686.5	2965.4	2965.4	686.5	146.6	33.8	15.2	8.9	4.8				
-10	3.2	4.6	8.7	14.3	28.0	88.9	315.8	680.1	680.1	315.8	88.9	28.0	14.3	8.7	4.6	3.2			
-20		4.3	8.3	13.0	21.1	41.9	95.4	157.9	157.9	95.4	41.9	21.1	13.0	8.3	4.3				
-30	2.5	3.8	7.6	11.5	16.3	23.4	33.0	40.9	40.9	33.0	23.4	16.3	11.5	7.6	3.8	2.5			
-40		3.2	6.4	10.0	13.2	16.7	19.6	21.2	21.2	19.6	16.7	13.2	10.0	6.4	3.2				
-50	1.4	2.4	5.0	8.1	10.8	13.2	14.8	15.4	15.4	14.8	13.2	10.8	8.1	5.0	2.4	1.4			
-60		1.6	3.3	5.4	7.7	9.4	10.6	11.1	11.1	10.6	9.4	7.7	5.4	3.3	1.6				
-70	0.4	3.1		8.3		13.3		14.6		13.3		8.3		3.1		0.4			
-80		3.1		8.3		13.3		14.6		13.3		8.3		3.1					
-90	0.4	3.1		8.3		13.3		14.6		13.3		8.3		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

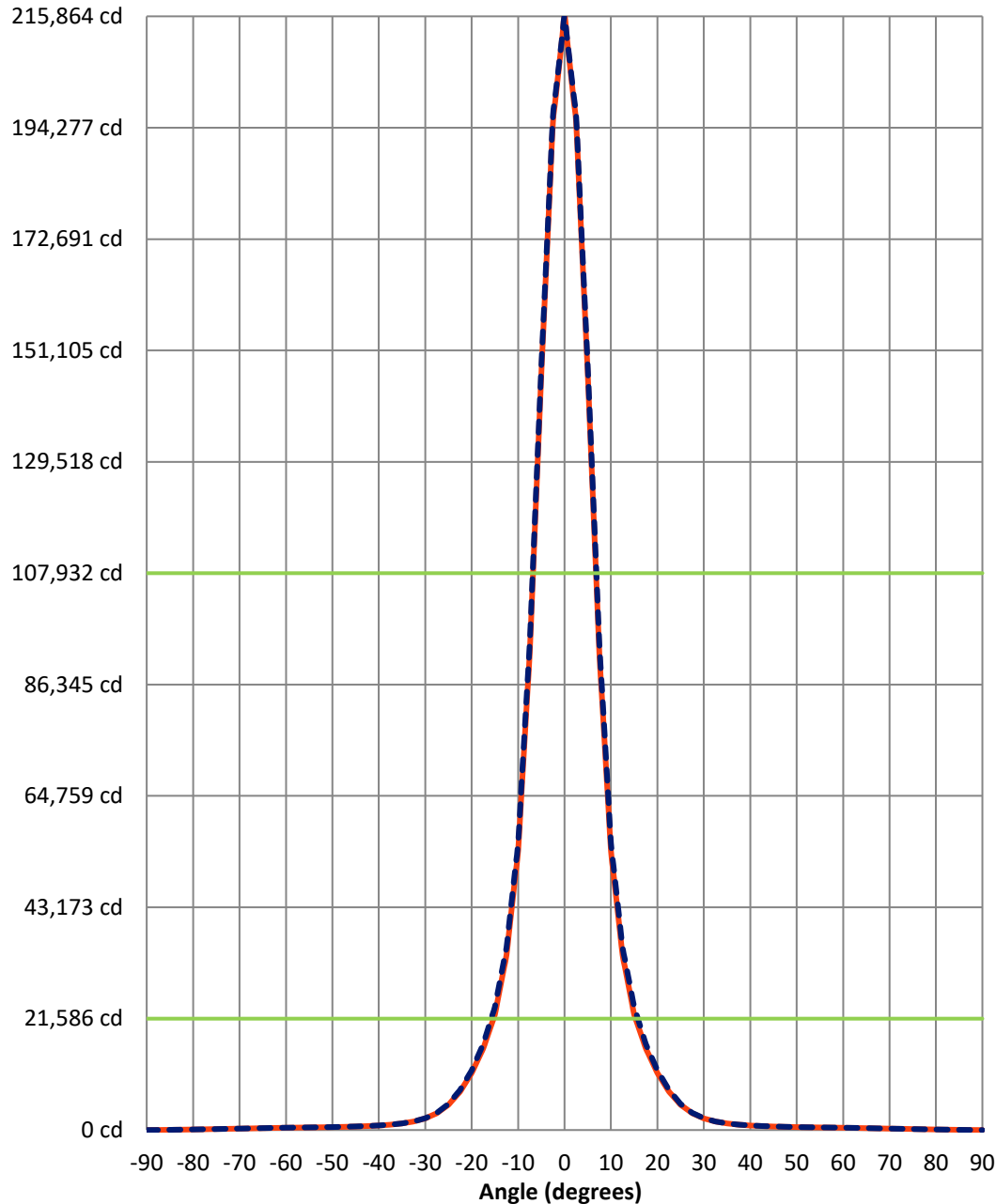
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6776.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 15250.8
 Efficiency: 66.5%

Spill:
 Lumens: 7670.7
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
85°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
82.5°	0.0	2.1	4.8	7.2	9.6	12.0	14.3	16.6	19.2	22.5	25.8
80°	0.0	2.8	6.4	9.6	12.8	15.9	19.3	24.0	28.5	33.0	37.4
77.5°	0.0	3.5	8.0	12.0	15.9	20.5	26.3	32.1	37.8	43.4	49.4
75°	0.0	4.2	9.5	14.3	19.3	26.0	33.2	40.3	47.2	55.1	62.8
72.5°	0.0	4.8	11.0	16.6	23.5	31.5	40.0	48.6	57.9	67.0	76.0
70°	0.0	5.5	12.5	19.1	27.6	36.8	46.8	57.9	68.5	78.9	90.6
67.5°	0.0	6.1	13.9	22.0	31.6	42.0	54.6	67.0	78.9	92.2	105.3
65°	0.0	6.8	15.3	24.8	35.6	47.7	62.2	76.0	90.6	105.3	120.8
62.5°	0.0	7.4	16.6	27.6	39.4	54.0	69.6	85.7	102.1	118.7	138.2
60°	0.0	7.9	17.9	30.3	43.1	60.0	76.9	95.6	113.3	133.7	155.1
57.5°	0.0	8.5	19.5	32.9	47.8	65.9	84.9	105.2	125.6	148.1	171.4
55°	0.0	9.1	21.2	35.5	52.4	71.7	92.7	114.4	137.8	162.1	187.1
52.5°	0.0	9.6	22.8	37.9	56.8	77.3	100.4	124.3	149.6	175.5	202.2
50°	0.0	10.1	24.3	40.2	61.1	83.5	107.8	134.0	160.8	188.3	216.6
47.5°	0.0	10.5	25.8	42.6	65.2	89.4	115.0	143.4	171.6	200.4	230.8
45°	0.0	11.0	27.3	45.6	69.2	95.1	122.7	152.4	181.9	212.9	244.6
42.5°	0.0	11.4	28.7	48.4	73.0	100.5	130.1	161.0	191.8	225.0	258.1
40°	0.0	11.8	30.0	51.2	76.8	105.7	137.1	169.2	201.5	236.6	271.2
37.5°	0.0	12.1	31.3	53.8	80.7	110.6	143.7	177.0	211.1	247.5	283.9
35°	0.0	12.5	32.5	56.3	84.4	115.6	150.0	184.3	220.1	257.8	296.1
32.5°	0.0	12.8	33.7	58.7	87.8	120.4	155.9	191.2	228.4	267.5	306.7
30°	0.0	13.0	34.8	60.9	91.0	125.0	161.3	197.7	236.0	276.4	316.3
27.5°	0.0	13.3	35.8	63.0	94.1	129.2	166.4	203.9	243.0	284.6	325.0
25°	0.0	13.5	36.8	64.8	97.0	133.0	171.0	209.4	249.7	291.8	332.6
22.5°	0.0	13.7	37.6	66.6	99.6	136.5	175.2	214.3	255.6	298.1	339.3
20°	0.0	13.8	38.4	68.1	102.0	139.4	178.9	218.6	260.9	303.5	345.3
17.5°	0.0	13.9	39.2	69.5	104.1	142.0	182.0	222.3	265.5	308.0	350.6
15°	0.0	14.0	39.8	70.7	105.9	144.1	184.6	225.6	269.4	311.7	355.3
12.5°	0.0	14.1	40.3	71.7	107.5	145.8	186.6	228.6	272.6	314.5	359.1
10°	0.0	14.1	40.8	72.5	108.7	147.0	188.2	231.1	275.1	317.6	362.8
7.5°	0.0	14.1	41.1	73.2	109.7	147.9	189.3	233.2	276.9	320.2	367.0
5°	0.0	14.0	41.4	73.6	110.4	148.3	189.9	234.7	277.8	322.1	370.5
2.5°	0.0	14.0	41.5	73.9	110.9	148.3	190.0	235.6	278.0	323.3	373.0
0°	0.0	13.9	41.6	74.0	111.0	148.0	189.6	235.9	277.5	323.7	374.6
-2.5°	0.0	14.0	41.5	73.9	110.9	148.3	190.0	235.6	278.0	323.3	373.0
-5°	0.0	14.0	41.4	73.6	110.4	148.3	189.9	234.7	277.8	322.1	370.5
-7.5°	0.0	14.1	41.1	73.2	109.7	147.9	189.3	233.2	276.9	320.2	367.0
-10°	0.0	14.1	40.8	72.5	108.7	147.0	188.2	231.1	275.1	317.6	362.8
-12.5°	0.0	14.1	40.3	71.7	107.5	145.8	186.6	228.6	272.6	314.5	359.1
-15°	0.0	14.0	39.8	70.7	105.9	144.1	184.6	225.6	269.4	311.7	355.3
-17.5°	0.0	13.9	39.2	69.5	104.1	142.0	182.0	222.3	265.5	308.0	350.6
-20°	0.0	13.8	38.4	68.1	102.0	139.4	178.9	218.6	260.9	303.5	345.3

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.7	37.6	66.6	99.6	136.5	175.2	214.3	255.6	298.1	339.3
-25°	0.0	13.5	36.8	64.8	97.0	133.0	171.0	209.4	249.7	291.8	332.6
-27.5°	0.0	13.3	35.8	63.0	94.1	129.2	166.4	203.9	243.0	284.6	325.0
-30°	0.0	13.0	34.8	60.9	91.0	125.0	161.3	197.7	236.0	276.4	316.3
-32.5°	0.0	12.8	33.7	58.7	87.8	120.4	155.9	191.2	228.4	267.5	306.7
-35°	0.0	12.5	32.5	56.3	84.4	115.6	150.0	184.3	220.1	257.8	296.1
-37.5°	0.0	12.1	31.3	53.8	80.7	110.6	143.7	177.0	211.1	247.5	283.9
-40°	0.0	11.8	30.0	51.2	76.8	105.7	137.1	169.2	201.5	236.6	271.2
-42.5°	0.0	11.4	28.7	48.4	73.0	100.5	130.1	161.0	191.8	225.0	258.1
-45°	0.0	11.0	27.3	45.6	69.2	95.1	122.7	152.4	181.9	212.9	244.6
-47.5°	0.0	10.5	25.8	42.6	65.2	89.4	115.0	143.4	171.6	200.4	230.8
-50°	0.0	10.1	24.3	40.2	61.1	83.5	107.8	134.0	160.8	188.3	216.6
-52.5°	0.0	9.6	22.8	37.9	56.8	77.3	100.4	124.3	149.6	175.5	202.2
-55°	0.0	9.1	21.2	35.5	52.4	71.7	92.7	114.4	137.8	162.1	187.1
-57.5°	0.0	8.5	19.5	32.9	47.8	65.9	84.9	105.2	125.6	148.1	171.4
-60°	0.0	7.9	17.9	30.3	43.1	60.0	76.9	95.6	113.3	133.7	155.1
-62.5°	0.0	7.4	16.6	27.6	39.4	54.0	69.6	85.7	102.1	118.7	138.2
-65°	0.0	6.8	15.3	24.8	35.6	47.7	62.2	76.0	90.6	105.3	120.8
-67.5°	0.0	6.1	13.9	22.0	31.6	42.0	54.6	67.0	78.9	92.2	105.3
-70°	0.0	5.5	12.5	19.1	27.6	36.8	46.8	57.9	68.5	78.9	90.6
-72.5°	0.0	4.8	11.0	16.6	23.5	31.5	40.0	48.6	57.9	67.0	76.0
-75°	0.0	4.2	9.5	14.3	19.3	26.0	33.2	40.3	47.2	55.1	62.8
-77.5°	0.0	3.5	8.0	12.0	15.9	20.5	26.3	32.1	37.8	43.4	49.4
-80°	0.0	2.8	6.4	9.6	12.8	15.9	19.3	24.0	28.5	33.0	37.4
-82.5°	0.0	2.1	4.8	7.2	9.6	12.0	14.3	16.6	19.2	22.5	25.8
-85°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
-87.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
-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°	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.1	13.6	14.2	14.7
85°	17.1	18.5	20.5	22.5	24.3	25.7	27.0	28.1	30.0	32.0	34.0
82.5°	29.1	32.3	35.4	38.4	40.4	42.1	43.7	46.1	50.2	54.1	57.6
80°	41.8	46.0	50.8	55.5	59.5	63.5	67.7	72.0	76.5	80.7	84.8
77.5°	55.7	61.9	67.9	73.8	79.7	86.0	92.0	97.9	103.5	108.8	113.9
75°	70.4	77.8	85.9	94.0	101.8	109.3	116.8	124.7	132.3	139.5	146.4
72.5°	85.7	95.6	105.2	114.6	124.7	134.7	144.2	153.5	162.5	171.9	181.9
70°	102.1	113.3	125.9	137.9	149.2	161.0	172.9	183.1	192.9	205.8	219.1
67.5°	118.9	134.1	148.2	161.8	176.9	190.8	203.0	215.9	229.8	244.8	257.9
65°	138.7	155.2	171.7	188.8	206.2	220.8	236.0	252.0	267.7	282.6	296.9
62.5°	158.3	176.9	195.8	214.5	232.5	249.9	268.2	286.0	303.2	320.7	336.0
60°	177.1	198.3	218.2	237.8	258.1	279.7	300.0	319.8	340.5	360.2	370.5
57.5°	195.3	217.9	238.8	260.7	284.6	309.0	330.3	352.7	370.5	384.1	397.5
55°	212.4	235.9	258.8	283.5	309.4	334.8	358.5	378.5	394.8	407.3	421.5
52.5°	228.4	253.2	278.2	305.1	332.6	359.7	384.4	403.2	417.9	430.7	444.0
50°	244.2	270.2	296.6	326.1	355.5	384.4	408.6	425.8	439.7	452.8	466.5
47.5°	259.6	287.0	315.4	346.8	378.7	406.5	429.5	445.2	459.3	474.7	489.6
45°	274.8	304.4	334.4	368.2	400.2	427.1	446.6	462.4	479.7	496.3	512.3
42.5°	289.7	321.6	354.1	389.1	420.1	444.3	462.5	481.1	499.8	517.5	535.5
40°	304.6	338.0	372.5	407.3	438.5	459.4	478.7	498.7	519.3	538.6	558.6
37.5°	318.9	353.5	389.1	424.2	452.6	473.8	493.8	515.9	537.5	558.6	584.7
35°	332.5	367.6	403.5	437.5	464.8	486.7	509.1	532.3	555.1	582.3	612.0
32.5°	344.7	380.3	416.7	448.3	475.1	498.7	523.8	548.1	575.4	606.2	641.9
30°	354.9	391.3	427.9	458.8	484.9	509.9	537.1	563.9	595.9	633.0	675.4
27.5°	363.9	401.3	436.8	467.8	494.3	519.2	547.9	581.7	618.3	660.0	709.8
25°	372.3	411.4	445.3	476.0	501.8	527.8	558.5	595.9	640.0	690.2	751.1
22.5°	380.3	421.1	453.8	483.7	507.7	535.8	570.4	611.1	659.0	717.8	791.9
20°	387.9	428.3	460.7	489.9	512.1	542.7	580.9	624.3	678.8	748.8	834.6
17.5°	394.9	434.5	466.0	493.5	517.9	550.1	590.1	635.0	696.0	777.0	873.8
15°	401.3	439.6	470.3	496.4	523.0	557.9	599.7	648.4	715.0	803.9	908.5
12.5°	406.9	443.8	473.6	498.7	527.2	564.2	608.2	662.3	735.4	830.4	952.6
10°	411.7	447.0	475.9	500.3	530.3	569.1	615.3	673.6	751.6	850.8	986.5
7.5°	415.8	449.5	477.5	501.1	532.3	572.4	620.9	682.2	763.0	865.4	1010.9
5°	418.7	451.6	479.5	504.0	535.4	575.1	624.9	688.1	769.7	874.0	1026.1
2.5°	420.4	452.8	480.6	506.7	538.8	577.4	628.0	694.6	775.1	882.4	1037.7
0°	420.9	453.2	481.0	508.7	541.1	578.1	629.0	698.4	777.0	888.0	1045.2
-2.5°	420.4	452.8	480.6	506.7	538.8	577.4	628.0	694.6	775.1	882.4	1037.7
-5°	418.7	451.6	479.5	504.0	535.4	575.1	624.9	688.1	769.7	874.0	1026.1
-7.5°	415.8	449.5	477.5	501.1	532.3	572.4	620.9	682.2	763.0	865.4	1010.9
-10°	411.7	447.0	475.9	500.3	530.3	569.1	615.3	673.6	751.6	850.8	986.5
-12.5°	406.9	443.8	473.6	498.7	527.2	564.2	608.2	662.3	735.4	830.4	952.6
-15°	401.3	439.6	470.3	496.4	523.0	557.9	599.7	648.4	715.0	803.9	908.5
-17.5°	394.9	434.5	466.0	493.5	517.9	550.1	590.1	635.0	696.0	777.0	873.8
-20°	387.9	428.3	460.7	489.9	512.1	542.7	580.9	624.3	678.8	748.8	834.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	380.3	421.1	453.8	483.7	507.7	535.8	570.4	611.1	659.0	717.8	791.9
-25°	372.3	411.4	445.3	476.0	501.8	527.8	558.5	595.9	640.0	690.2	751.1
-27.5°	363.9	401.3	436.8	467.8	494.3	519.2	547.9	581.7	618.3	660.0	709.8
-30°	354.9	391.3	427.9	458.8	484.9	509.9	537.1	563.9	595.9	633.0	675.4
-32.5°	344.7	380.3	416.7	448.3	475.1	498.7	523.8	548.1	575.4	606.2	641.9
-35°	332.5	367.6	403.5	437.5	464.8	486.7	509.1	532.3	555.1	582.3	612.0
-37.5°	318.9	353.5	389.1	424.2	452.6	473.8	493.8	515.9	537.5	558.6	584.7
-40°	304.6	338.0	372.5	407.3	438.5	459.4	478.7	498.7	519.3	538.6	558.6
-42.5°	289.7	321.6	354.1	389.1	420.1	444.3	462.5	481.1	499.8	517.5	535.5
-45°	274.8	304.4	334.4	368.2	400.2	427.1	446.6	462.4	479.7	496.3	512.3
-47.5°	259.6	287.0	315.4	346.8	378.7	406.5	429.5	445.2	459.3	474.7	489.6
-50°	244.2	270.2	296.6	326.1	355.5	384.4	408.6	425.8	439.7	452.8	466.5
-52.5°	228.4	253.2	278.2	305.1	332.6	359.7	384.4	403.2	417.9	430.7	444.0
-55°	212.4	235.9	258.8	283.5	309.4	334.8	358.5	378.5	394.8	407.3	421.5
-57.5°	195.3	217.9	238.8	260.7	284.6	309.0	330.3	352.7	370.5	384.1	397.5
-60°	177.1	198.3	218.2	237.8	258.1	279.7	300.0	319.8	340.5	360.2	370.5
-62.5°	158.3	176.9	195.8	214.5	232.5	249.9	268.2	286.0	303.2	320.7	336.0
-65°	138.7	155.2	171.7	188.8	206.2	220.8	236.0	252.0	267.7	282.6	296.9
-67.5°	118.9	134.1	148.2	161.8	176.9	190.8	203.0	215.9	229.8	244.8	257.9
-70°	102.1	113.3	125.9	137.9	149.2	161.0	172.9	183.1	192.9	205.8	219.1
-72.5°	85.7	95.6	105.2	114.6	124.7	134.7	144.2	153.5	162.5	171.9	181.9
-75°	70.4	77.8	85.9	94.0	101.8	109.3	116.8	124.7	132.3	139.5	146.4
-77.5°	55.7	61.9	67.9	73.8	79.7	86.0	92.0	97.9	103.5	108.8	113.9
-80°	41.8	46.0	50.8	55.5	59.5	63.5	67.7	72.0	76.5	80.7	84.8
-82.5°	29.1	32.3	35.4	38.4	40.4	42.1	43.7	46.1	50.2	54.1	57.6
-85°	17.1	18.5	20.5	22.5	24.3	25.7	27.0	28.1	30.0	32.0	34.0
-87.5°	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.1	13.6	14.2	14.7
-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: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-NR-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°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	16.9	16.0
85°	36.1	37.5	38.8	39.9	41.0	42.0	42.9	43.6	44.3	43.8	43.1
82.5°	60.9	63.3	65.5	67.6	69.4	71.2	72.7	74.1	75.3	75.2	74.9
80°	88.6	92.6	96.6	100.5	104.4	106.7	108.4	109.7	110.6	111.0	111.1
77.5°	119.1	125.3	131.7	138.0	144.1	147.7	150.2	152.4	154.1	154.4	154.1
75°	152.9	160.8	169.6	177.2	183.8	187.9	190.7	193.1	195.0	195.5	195.3
72.5°	192.2	202.0	209.8	216.2	221.8	226.2	229.7	232.7	235.2	236.2	236.4
70°	230.9	240.5	247.9	254.5	259.9	264.5	268.7	272.3	275.3	277.5	279.2
67.5°	270.0	281.0	288.7	294.6	299.3	304.0	309.7	314.5	318.6	321.4	322.7
65°	310.2	321.6	328.9	335.4	341.1	347.1	353.4	358.0	361.1	362.9	364.2
62.5°	349.1	359.7	369.0	377.6	385.8	392.7	397.0	400.9	404.2	407.0	409.0
60°	382.5	396.0	406.4	414.7	422.7	430.5	435.8	440.0	443.3	445.7	447.2
57.5°	411.0	424.8	437.0	445.1	453.8	463.1	469.3	472.8	476.1	478.8	480.1
55°	436.0	448.7	460.0	470.9	480.8	489.2	495.7	500.4	504.4	507.6	508.6
52.5°	458.5	472.3	485.6	497.2	506.8	514.8	521.3	527.1	531.6	534.7	536.1
50°	482.0	496.9	511.1	523.8	533.7	542.7	550.8	557.7	564.4	569.6	573.4
47.5°	505.2	521.1	536.7	550.7	562.6	575.6	587.3	597.2	606.9	614.8	620.2
45°	528.6	546.9	563.9	582.0	598.1	615.1	631.0	644.7	658.7	669.3	676.5
42.5°	554.5	575.4	595.9	618.3	640.3	662.5	686.6	708.0	724.6	740.1	752.7
40°	582.3	606.2	633.0	660.5	692.9	722.3	754.5	782.3	807.3	833.8	854.9
37.5°	612.0	641.9	677.0	713.9	755.7	795.9	838.1	879.5	915.6	958.3	990.8
35°	644.9	684.7	728.0	777.8	829.9	887.5	945.1	1011.7	1069.0	1132.1	1187.1
32.5°	683.7	731.3	788.0	853.8	920.7	1008.0	1089.6	1195.6	1287.4	1387.5	1488.3
30°	723.7	785.8	859.1	941.9	1048.3	1168.4	1302.2	1460.0	1622.6	1780.0	1969.9
27.5°	773.2	848.1	936.9	1057.9	1214.5	1376.7	1606.9	1843.7	2142.7	2390.1	2738.7
25°	824.6	912.9	1038.9	1203.5	1407.9	1689.5	2038.7	2417.3	2943.3	3405.5	3947.6
22.5°	880.6	999.8	1156.6	1359.7	1669.6	2102.0	2630.8	3343.3	4119.2	4943.0	5762.5
20°	938.9	1083.1	1288.7	1583.0	2008.3	2593.9	3501.6	4601.6	5710.1	7069.5	8273.2
17.5°	1006.5	1189.9	1443.3	1811.4	2379.0	3275.8	4535.2	6070.8	7790.6	9745.1	11480.5
15°	1062.7	1281.5	1601.3	2116.3	2896.9	4048.7	5636.8	7749.4	10333.8	12958.7	15621.8
12.5°	1128.1	1381.1	1756.6	2370.8	3351.1	4881.9	7043.6	9717.6	12945.2	16586.0	20878.1
10°	1186.1	1478.9	1945.8	2706.0	3904.0	5750.8	8374.3	11591.3	15756.6	20994.9	27641.6
7.5°	1229.1	1556.7	2091.8	2961.0	4381.9	6586.3	9631.7	13643.2	18935.8	25853.1	34975.1
5°	1257.0	1613.0	2195.1	3157.9	4756.1	7208.1	10553.1	15098.6	21483.7	31267.0	46713.9
2.5°	1273.7	1646.4	2254.1	3273.3	4983.7	7620.0	11254.2	16199.1	23135.0	34612.8	54264.1
0°	1281.1	1655.7	2289.3	3334.6	5059.7	7779.1	11576.2	16700.6	23873.9	35394.5	55591.6
-2.5°	1273.7	1646.4	2254.1	3273.3	4983.7	7620.0	11254.2	16199.1	23135.0	34612.8	54264.1
-5°	1257.0	1613.0	2195.1	3157.9	4756.1	7208.1	10553.1	15098.6	21483.7	31267.0	46713.9
-7.5°	1229.1	1556.7	2091.8	2961.0	4381.9	6586.3	9631.7	13643.2	18935.8	25853.1	34975.1
-10°	1186.1	1478.9	1945.8	2706.0	3904.0	5750.8	8374.3	11591.3	15756.6	20994.9	27641.6
-12.5°	1128.1	1381.1	1756.6	2370.8	3351.1	4881.9	7043.6	9717.6	12945.2	16586.0	20878.1
-15°	1062.7	1281.5	1601.3	2116.3	2896.9	4048.7	5636.8	7749.4	10333.8	12958.7	15621.8
-17.5°	1006.5	1189.9	1443.3	1811.4	2379.0	3275.8	4535.2	6070.8	7790.6	9745.1	11480.5
-20°	938.9	1083.1	1288.7	1583.0	2008.3	2593.9	3501.6	4601.6	5710.1	7069.5	8273.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	880.6	999.8	1156.6	1359.7	1669.6	2102.0	2630.8	3343.3	4119.2	4943.0	5762.5
-25°	824.6	912.9	1038.9	1203.5	1407.9	1689.5	2038.7	2417.3	2943.3	3405.5	3947.6
-27.5°	773.2	848.1	936.9	1057.9	1214.5	1376.7	1606.9	1843.7	2142.7	2390.1	2738.7
-30°	723.7	785.8	859.1	941.9	1048.3	1168.4	1302.2	1460.0	1622.6	1780.0	1969.9
-32.5°	683.7	731.3	788.0	853.8	920.7	1008.0	1089.6	1195.6	1287.4	1387.5	1488.3
-35°	644.9	684.7	728.0	777.8	829.9	887.5	945.1	1011.7	1069.0	1132.1	1187.1
-37.5°	612.0	641.9	677.0	713.9	755.7	795.9	838.1	879.5	915.6	958.3	990.8
-40°	582.3	606.2	633.0	660.5	692.9	722.3	754.5	782.3	807.3	833.8	854.9
-42.5°	554.5	575.4	595.9	618.3	640.3	662.5	686.6	708.0	724.6	740.1	752.7
-45°	528.6	546.9	563.9	582.0	598.1	615.1	631.0	644.7	658.7	669.3	676.5
-47.5°	505.2	521.1	536.7	550.7	562.6	575.6	587.3	597.2	606.9	614.8	620.2
-50°	482.0	496.9	511.1	523.8	533.7	542.7	550.8	557.7	564.4	569.6	573.4
-52.5°	458.5	472.3	485.6	497.2	506.8	514.8	521.3	527.1	531.6	534.7	536.1
-55°	436.0	448.7	460.0	470.9	480.8	489.2	495.7	500.4	504.4	507.6	508.6
-57.5°	411.0	424.8	437.0	445.1	453.8	463.1	469.3	472.8	476.1	478.8	480.1
-60°	382.5	396.0	406.4	414.7	422.7	430.5	435.8	440.0	443.3	445.7	447.2
-62.5°	349.1	359.7	369.0	377.6	385.8	392.7	397.0	400.9	404.2	407.0	409.0
-65°	310.2	321.6	328.9	335.4	341.1	347.1	353.4	358.0	361.1	362.9	364.2
-67.5°	270.0	281.0	288.7	294.6	299.3	304.0	309.7	314.5	318.6	321.4	322.7
-70°	230.9	240.5	247.9	254.5	259.9	264.5	268.7	272.3	275.3	277.5	279.2
-72.5°	192.2	202.0	209.8	216.2	221.8	226.2	229.7	232.7	235.2	236.2	236.4
-75°	152.9	160.8	169.6	177.2	183.8	187.9	190.7	193.1	195.0	195.5	195.3
-77.5°	119.1	125.3	131.7	138.0	144.1	147.7	150.2	152.4	154.1	154.4	154.1
-80°	88.6	92.6	96.6	100.5	104.4	106.7	108.4	109.7	110.6	111.0	111.1
-82.5°	60.9	63.3	65.5	67.6	69.4	71.2	72.7	74.1	75.3	75.2	74.9
-85°	36.1	37.5	38.8	39.9	41.0	42.0	42.9	43.6	44.3	43.8	43.1
-87.5°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	16.9	16.0
-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: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-NR-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°	14.9	13.8	13.9	13.9	13.9	13.8	14.9	16.0	16.9	17.9	17.6
85°	42.3	41.4	41.5	41.6	41.5	41.4	42.3	43.1	43.8	44.3	43.6
82.5°	74.3	73.6	73.9	74.0	73.9	73.6	74.3	74.9	75.2	75.3	74.1
80°	110.9	110.5	108.6	106.4	108.6	110.5	110.9	111.1	111.0	110.6	109.7
77.5°	153.2	151.9	150.2	148.0	150.2	151.9	153.2	154.1	154.4	154.1	152.4
75°	194.6	193.4	193.9	194.2	193.9	193.4	194.6	195.3	195.5	195.0	193.1
72.5°	236.0	235.0	235.6	235.9	235.6	235.0	236.0	236.4	236.2	235.2	232.7
70°	280.3	280.8	279.6	277.5	279.6	280.8	280.3	279.2	277.5	275.3	272.3
67.5°	323.1	322.6	321.2	319.1	321.2	322.6	323.1	322.7	321.4	318.6	314.5
65°	364.6	364.2	365.0	365.4	365.0	364.2	364.6	364.2	362.9	361.1	358.0
62.5°	410.1	410.1	409.1	407.0	409.1	410.1	410.1	409.0	407.0	404.2	400.9
60°	447.8	447.5	446.2	444.0	446.2	447.5	447.8	447.2	445.7	443.3	440.0
57.5°	480.5	480.1	478.7	476.4	478.7	480.1	480.5	480.1	478.8	476.1	472.8
55°	508.7	508.0	506.5	504.1	506.5	508.0	508.7	508.6	507.6	504.4	500.4
52.5°	536.4	535.8	536.0	536.5	536.0	535.8	536.4	536.1	534.7	531.6	527.1
50°	575.7	576.5	575.8	573.5	575.8	576.5	575.7	573.4	569.6	564.4	557.7
47.5°	622.8	623.1	622.0	619.7	622.0	623.1	622.8	620.2	614.8	606.9	597.2
45°	682.1	685.5	686.3	684.5	686.3	685.5	682.1	676.5	669.3	658.7	644.7
42.5°	762.4	767.7	769.2	767.7	769.2	767.7	762.4	752.7	740.1	724.6	708.0
40°	867.8	873.8	874.9	874.1	874.9	873.8	867.8	854.9	833.8	807.3	782.3
37.5°	1013.7	1028.3	1035.2	1036.0	1035.2	1028.3	1013.7	990.8	958.3	915.6	879.5
35°	1229.0	1258.1	1273.6	1281.1	1273.6	1258.1	1229.0	1187.1	1132.1	1069.0	1011.7
32.5°	1564.7	1622.8	1655.0	1651.1	1655.0	1622.8	1564.7	1488.3	1387.5	1287.4	1195.6
30°	2113.0	2214.7	2265.9	2252.3	2265.9	2214.7	2113.0	1969.9	1780.0	1622.6	1460.0
27.5°	2989.1	3172.9	3279.2	3265.2	3279.2	3172.9	2989.1	2738.7	2390.1	2142.7	1843.7
25°	4400.7	4736.2	4951.0	4897.8	4951.0	4736.2	4400.7	3947.6	3405.5	2943.3	2417.3
22.5°	6548.1	7116.4	7492.5	7446.1	7492.5	7116.4	6548.1	5762.5	4943.0	4119.2	3343.3
20°	9493.7	10358.7	10976.4	11058.2	10976.4	10358.7	9493.7	8273.2	7069.5	5710.1	4601.6
17.5°	13354.9	14726.3	15681.0	15840.4	15681.0	14726.3	13354.9	11480.5	9745.1	7790.6	6070.8
15°	18372.9	20614.5	22236.8	22370.8	22236.8	20614.5	18372.9	15621.8	12958.7	10333.8	7749.4
12.5°	25186.7	29695.2	32637.6	33933.1	32637.6	29695.2	25186.7	20878.1	16586.0	12945.2	9717.6
10°	34616.6	44972.4	51604.5	54097.7	51604.5	44972.4	34616.6	27641.6	20994.9	15756.6	11591.3
7.5°	50367.5	66626.4	84702.1	92406.0	84702.1	66626.4	50367.5	34975.1	25853.1	18935.8	13643.2
5°	68204.0	101947.8	134044.1	146577.7	134044.1	101947.8	68204.0	46713.9	31267.0	21483.7	15098.6
2.5°	86972.6	134006.5	178081.0	195317.5	178081.0	134006.5	86972.6	54264.1	34612.8	23135.0	16199.1
0°	94302.2	148043.8	196536.2	215863.7	196536.2	148043.8	94302.2	55591.6	35394.5	23873.9	16700.6
-2.5°	86972.6	134006.5	178081.0	195317.5	178081.0	134006.5	86972.6	54264.1	34612.8	23135.0	16199.1
-5°	68204.0	101947.8	134044.1	146577.7	134044.1	101947.8	68204.0	46713.9	31267.0	21483.7	15098.6
-7.5°	50367.5	66626.4	84702.1	92406.0	84702.1	66626.4	50367.5	34975.1	25853.1	18935.8	13643.2
-10°	34616.6	44972.4	51604.5	54097.7	51604.5	44972.4	34616.6	27641.6	20994.9	15756.6	11591.3
-12.5°	25186.7	29695.2	32637.6	33933.1	32637.6	29695.2	25186.7	20878.1	16586.0	12945.2	9717.6
-15°	18372.9	20614.5	22236.8	22370.8	22236.8	20614.5	18372.9	15621.8	12958.7	10333.8	7749.4
-17.5°	13354.9	14726.3	15681.0	15840.4	15681.0	14726.3	13354.9	11480.5	9745.1	7790.6	6070.8
-20°	9493.7	10358.7	10976.4	11058.2	10976.4	10358.7	9493.7	8273.2	7069.5	5710.1	4601.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6548.1	7116.4	7492.5	7446.1	7492.5	7116.4	6548.1	5762.5	4943.0	4119.2	3343.3
-25°	4400.7	4736.2	4951.0	4897.8	4951.0	4736.2	4400.7	3947.6	3405.5	2943.3	2417.3
-27.5°	2989.1	3172.9	3279.2	3265.2	3279.2	3172.9	2989.1	2738.7	2390.1	2142.7	1843.7
-30°	2113.0	2214.7	2265.9	2252.3	2265.9	2214.7	2113.0	1969.9	1780.0	1622.6	1460.0
-32.5°	1564.7	1622.8	1655.0	1651.1	1655.0	1622.8	1564.7	1488.3	1387.5	1287.4	1195.6
-35°	1229.0	1258.1	1273.6	1281.1	1273.6	1258.1	1229.0	1187.1	1132.1	1069.0	1011.7
-37.5°	1013.7	1028.3	1035.2	1036.0	1035.2	1028.3	1013.7	990.8	958.3	915.6	879.5
-40°	867.8	873.8	874.9	874.1	874.9	873.8	867.8	854.9	833.8	807.3	782.3
-42.5°	762.4	767.7	769.2	767.7	769.2	767.7	762.4	752.7	740.1	724.6	708.0
-45°	682.1	685.5	686.3	684.5	686.3	685.5	682.1	676.5	669.3	658.7	644.7
-47.5°	622.8	623.1	622.0	619.7	622.0	623.1	622.8	620.2	614.8	606.9	597.2
-50°	575.7	576.5	575.8	573.5	575.8	576.5	575.7	573.4	569.6	564.4	557.7
-52.5°	536.4	535.8	536.0	536.5	536.0	535.8	536.4	536.1	534.7	531.6	527.1
-55°	508.7	508.0	506.5	504.1	506.5	508.0	508.7	508.6	507.6	504.4	500.4
-57.5°	480.5	480.1	478.7	476.4	478.7	480.1	480.5	480.1	478.8	476.1	472.8
-60°	447.8	447.5	446.2	444.0	446.2	447.5	447.8	447.2	445.7	443.3	440.0
-62.5°	410.1	410.1	409.1	407.0	409.1	410.1	410.1	409.0	407.0	404.2	400.9
-65°	364.6	364.2	365.0	365.4	365.0	364.2	364.6	364.2	362.9	361.1	358.0
-67.5°	323.1	322.6	321.2	319.1	321.2	322.6	323.1	322.7	321.4	318.6	314.5
-70°	280.3	280.8	279.6	277.5	279.6	280.8	280.3	279.2	277.5	275.3	272.3
-72.5°	236.0	235.0	235.6	235.9	235.6	235.0	236.0	236.4	236.2	235.2	232.7
-75°	194.6	193.4	193.9	194.2	193.9	193.4	194.6	195.3	195.5	195.0	193.1
-77.5°	153.2	151.9	150.2	148.0	150.2	151.9	153.2	154.1	154.4	154.1	152.4
-80°	110.9	110.5	108.6	106.4	108.6	110.5	110.9	111.1	111.0	110.6	109.7
-82.5°	74.3	73.6	73.9	74.0	73.9	73.6	74.3	74.9	75.2	75.3	74.1
-85°	42.3	41.4	41.5	41.6	41.5	41.4	42.3	43.1	43.8	44.3	43.6
-87.5°	14.9	13.8	13.9	13.9	13.9	13.8	14.9	16.0	16.9	17.9	17.6
-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: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-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°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
85°	42.9	42.0	41.0	39.9	38.8	37.5	36.1	34.0	32.0	30.0	28.1
82.5°	72.7	71.2	69.4	67.6	65.5	63.3	60.9	57.6	54.1	50.2	46.1
80°	108.4	106.7	104.4	100.5	96.6	92.6	88.6	84.8	80.7	76.5	72.0
77.5°	150.2	147.7	144.1	138.0	131.7	125.3	119.1	113.9	108.8	103.5	97.9
75°	190.7	187.9	183.8	177.2	169.6	160.8	152.9	146.4	139.5	132.3	124.7
72.5°	229.7	226.2	221.8	216.2	209.8	202.0	192.2	181.9	171.9	162.5	153.5
70°	268.7	264.5	259.9	254.5	247.9	240.5	230.9	219.1	205.8	192.9	183.1
67.5°	309.7	304.0	299.3	294.6	288.7	281.0	270.0	257.9	244.8	229.8	215.9
65°	353.4	347.1	341.1	335.4	328.9	321.6	310.2	296.9	282.6	267.7	252.0
62.5°	397.0	392.7	385.8	377.6	369.0	359.7	349.1	336.0	320.7	303.2	286.0
60°	435.8	430.5	422.7	414.7	406.4	396.0	382.5	370.5	360.2	340.5	319.8
57.5°	469.3	463.1	453.8	445.1	437.0	424.8	411.0	397.5	384.1	370.5	352.7
55°	495.7	489.2	480.8	470.9	460.0	448.7	436.0	421.5	407.3	394.8	378.5
52.5°	521.3	514.8	506.8	497.2	485.6	472.3	458.5	444.0	430.7	417.9	403.2
50°	550.8	542.7	533.7	523.8	511.1	496.9	482.0	466.5	452.8	439.7	425.8
47.5°	587.3	575.6	562.6	550.7	536.7	521.1	505.2	489.6	474.7	459.3	445.2
45°	631.0	615.1	598.1	582.0	563.9	546.9	528.6	512.3	496.3	479.7	462.4
42.5°	686.6	662.5	640.3	618.3	595.9	575.4	554.5	535.5	517.5	499.8	481.1
40°	754.5	722.3	692.9	660.5	633.0	606.2	582.3	558.6	538.6	519.3	498.7
37.5°	838.1	795.9	755.7	713.9	677.0	641.9	612.0	584.7	558.6	537.5	515.9
35°	945.1	887.5	829.9	777.8	728.0	684.7	644.9	612.0	582.3	555.1	532.3
32.5°	1089.6	1008.0	920.7	853.8	788.0	731.3	683.7	641.9	606.2	575.4	548.1
30°	1302.2	1168.4	1048.3	941.9	859.1	785.8	723.7	675.4	633.0	595.9	563.9
27.5°	1606.9	1376.7	1214.5	1057.9	936.9	848.1	773.2	709.8	660.0	618.3	581.7
25°	2038.7	1689.5	1407.9	1203.5	1038.9	912.9	824.6	751.1	690.2	640.0	595.9
22.5°	2630.8	2102.0	1669.6	1359.7	1156.6	999.8	880.6	791.9	717.8	659.0	611.1
20°	3501.6	2593.9	2008.3	1583.0	1288.7	1083.1	938.9	834.6	748.8	678.8	624.3
17.5°	4535.2	3275.8	2379.0	1811.4	1443.3	1189.9	1006.5	873.8	777.0	696.0	635.0
15°	5636.8	4048.7	2896.9	2116.3	1601.3	1281.5	1062.7	908.5	803.9	715.0	648.4
12.5°	7043.6	4881.9	3351.1	2370.8	1756.6	1381.1	1128.1	952.6	830.4	735.4	662.3
10°	8374.3	5750.8	3904.0	2706.0	1945.8	1478.9	1186.1	986.5	850.8	751.6	673.6
7.5°	9631.7	6586.3	4381.9	2961.0	2091.8	1556.7	1229.1	1010.9	865.4	763.0	682.2
5°	10553.1	7208.1	4756.1	3157.9	2195.1	1613.0	1257.0	1026.1	874.0	769.7	688.1
2.5°	11254.2	7620.0	4983.7	3273.3	2254.1	1646.4	1273.7	1037.7	882.4	775.1	694.6
0°	11576.2	7779.1	5059.7	3334.6	2289.3	1655.7	1281.1	1045.2	888.0	777.0	698.4
-2.5°	11254.2	7620.0	4983.7	3273.3	2254.1	1646.4	1273.7	1037.7	882.4	775.1	694.6
-5°	10553.1	7208.1	4756.1	3157.9	2195.1	1613.0	1257.0	1026.1	874.0	769.7	688.1
-7.5°	9631.7	6586.3	4381.9	2961.0	2091.8	1556.7	1229.1	1010.9	865.4	763.0	682.2
-10°	8374.3	5750.8	3904.0	2706.0	1945.8	1478.9	1186.1	986.5	850.8	751.6	673.6
-12.5°	7043.6	4881.9	3351.1	2370.8	1756.6	1381.1	1128.1	952.6	830.4	735.4	662.3
-15°	5636.8	4048.7	2896.9	2116.3	1601.3	1281.5	1062.7	908.5	803.9	715.0	648.4
-17.5°	4535.2	3275.8	2379.0	1811.4	1443.3	1189.9	1006.5	873.8	777.0	696.0	635.0
-20°	3501.6	2593.9	2008.3	1583.0	1288.7	1083.1	938.9	834.6	748.8	678.8	624.3

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Scaled Data Report



REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2630.8	2102.0	1669.6	1359.7	1156.6	999.8	880.6	791.9	717.8	659.0	611.1
-25°	2038.7	1689.5	1407.9	1203.5	1038.9	912.9	824.6	751.1	690.2	640.0	595.9
-27.5°	1606.9	1376.7	1214.5	1057.9	936.9	848.1	773.2	709.8	660.0	618.3	581.7
-30°	1302.2	1168.4	1048.3	941.9	859.1	785.8	723.7	675.4	633.0	595.9	563.9
-32.5°	1089.6	1008.0	920.7	853.8	788.0	731.3	683.7	641.9	606.2	575.4	548.1
-35°	945.1	887.5	829.9	777.8	728.0	684.7	644.9	612.0	582.3	555.1	532.3
-37.5°	838.1	795.9	755.7	713.9	677.0	641.9	612.0	584.7	558.6	537.5	515.9
-40°	754.5	722.3	692.9	660.5	633.0	606.2	582.3	558.6	538.6	519.3	498.7
-42.5°	686.6	662.5	640.3	618.3	595.9	575.4	554.5	535.5	517.5	499.8	481.1
-45°	631.0	615.1	598.1	582.0	563.9	546.9	528.6	512.3	496.3	479.7	462.4
-47.5°	587.3	575.6	562.6	550.7	536.7	521.1	505.2	489.6	474.7	459.3	445.2
-50°	550.8	542.7	533.7	523.8	511.1	496.9	482.0	466.5	452.8	439.7	425.8
-52.5°	521.3	514.8	506.8	497.2	485.6	472.3	458.5	444.0	430.7	417.9	403.2
-55°	495.7	489.2	480.8	470.9	460.0	448.7	436.0	421.5	407.3	394.8	378.5
-57.5°	469.3	463.1	453.8	445.1	437.0	424.8	411.0	397.5	384.1	370.5	352.7
-60°	435.8	430.5	422.7	414.7	406.4	396.0	382.5	370.5	360.2	340.5	319.8
-62.5°	397.0	392.7	385.8	377.6	369.0	359.7	349.1	336.0	320.7	303.2	286.0
-65°	353.4	347.1	341.1	335.4	328.9	321.6	310.2	296.9	282.6	267.7	252.0
-67.5°	309.7	304.0	299.3	294.6	288.7	281.0	270.0	257.9	244.8	229.8	215.9
-70°	268.7	264.5	259.9	254.5	247.9	240.5	230.9	219.1	205.8	192.9	183.1
-72.5°	229.7	226.2	221.8	216.2	209.8	202.0	192.2	181.9	171.9	162.5	153.5
-75°	190.7	187.9	183.8	177.2	169.6	160.8	152.9	146.4	139.5	132.3	124.7
-77.5°	150.2	147.7	144.1	138.0	131.7	125.3	119.1	113.9	108.8	103.5	97.9
-80°	108.4	106.7	104.4	100.5	96.6	92.6	88.6	84.8	80.7	76.5	72.0
-82.5°	72.7	71.2	69.4	67.6	65.5	63.3	60.9	57.6	54.1	50.2	46.1
-85°	42.9	42.0	41.0	39.9	38.8	37.5	36.1	34.0	32.0	30.0	28.1
-87.5°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
-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: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-NR-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°	12.5	11.9	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.3	5.6
85°	27.0	25.7	24.3	22.5	20.5	18.5	17.1	15.6	14.1	12.6	11.1
82.5°	43.7	42.1	40.4	38.4	35.4	32.3	29.1	25.8	22.5	19.2	16.6
80°	67.7	63.5	59.5	55.5	50.8	46.0	41.8	37.4	33.0	28.5	24.0
77.5°	92.0	86.0	79.7	73.8	67.9	61.9	55.7	49.4	43.4	37.8	32.1
75°	116.8	109.3	101.8	94.0	85.9	77.8	70.4	62.8	55.1	47.2	40.3
72.5°	144.2	134.7	124.7	114.6	105.2	95.6	85.7	76.0	67.0	57.9	48.6
70°	172.9	161.0	149.2	137.9	125.9	113.3	102.1	90.6	78.9	68.5	57.9
67.5°	203.0	190.8	176.9	161.8	148.2	134.1	118.9	105.3	92.2	78.9	67.0
65°	236.0	220.8	206.2	188.8	171.7	155.2	138.7	120.8	105.3	90.6	76.0
62.5°	268.2	249.9	232.5	214.5	195.8	176.9	158.3	138.2	118.7	102.1	85.7
60°	300.0	279.7	258.1	237.8	218.2	198.3	177.1	155.1	133.7	113.3	95.6
57.5°	330.3	309.0	284.6	260.7	238.8	217.9	195.3	171.4	148.1	125.6	105.2
55°	358.5	334.8	309.4	283.5	258.8	235.9	212.4	187.1	162.1	137.8	114.4
52.5°	384.4	359.7	332.6	305.1	278.2	253.2	228.4	202.2	175.5	149.6	124.3
50°	408.6	384.4	355.5	326.1	296.6	270.2	244.2	216.6	188.3	160.8	134.0
47.5°	429.5	406.5	378.7	346.8	315.4	287.0	259.6	230.8	200.4	171.6	143.4
45°	446.6	427.1	400.2	368.2	334.4	304.4	274.8	244.6	212.9	181.9	152.4
42.5°	462.5	444.3	420.1	389.1	354.1	321.6	289.7	258.1	225.0	191.8	161.0
40°	478.7	459.4	438.5	407.3	372.5	338.0	304.6	271.2	236.6	201.5	169.2
37.5°	493.8	473.8	452.6	424.2	389.1	353.5	318.9	283.9	247.5	211.1	177.0
35°	509.1	486.7	464.8	437.5	403.5	367.6	332.5	296.1	257.8	220.1	184.3
32.5°	523.8	498.7	475.1	448.3	416.7	380.3	344.7	306.7	267.5	228.4	191.2
30°	537.1	509.9	484.9	458.8	427.9	391.3	354.9	316.3	276.4	236.0	197.7
27.5°	547.9	519.2	494.3	467.8	436.8	401.3	363.9	325.0	284.6	243.0	203.9
25°	558.5	527.8	501.8	476.0	445.3	411.4	372.3	332.6	291.8	249.7	209.4
22.5°	570.4	535.8	507.7	483.7	453.8	421.1	380.3	339.3	298.1	255.6	214.3
20°	580.9	542.7	512.1	489.9	460.7	428.3	387.9	345.3	303.5	260.9	218.6
17.5°	590.1	550.1	517.9	493.5	466.0	434.5	394.9	350.6	308.0	265.5	222.3
15°	599.7	557.9	523.0	496.4	470.3	439.6	401.3	355.3	311.7	269.4	225.6
12.5°	608.2	564.2	527.2	498.7	473.6	443.8	406.9	359.1	314.5	272.6	228.6
10°	615.3	569.1	530.3	500.3	475.9	447.0	411.7	362.8	317.6	275.1	231.1
7.5°	620.9	572.4	532.3	501.1	477.5	449.5	415.8	367.0	320.2	276.9	233.2
5°	624.9	575.1	535.4	504.0	479.5	451.6	418.7	370.5	322.1	277.8	234.7
2.5°	628.0	577.4	538.8	506.7	480.6	452.8	420.4	373.0	323.3	278.0	235.6
0°	629.0	578.1	541.1	508.7	481.0	453.2	420.9	374.6	323.7	277.5	235.9
-2.5°	628.0	577.4	538.8	506.7	480.6	452.8	420.4	373.0	323.3	278.0	235.6
-5°	624.9	575.1	535.4	504.0	479.5	451.6	418.7	370.5	322.1	277.8	234.7
-7.5°	620.9	572.4	532.3	501.1	477.5	449.5	415.8	367.0	320.2	276.9	233.2
-10°	615.3	569.1	530.3	500.3	475.9	447.0	411.7	362.8	317.6	275.1	231.1
-12.5°	608.2	564.2	527.2	498.7	473.6	443.8	406.9	359.1	314.5	272.6	228.6
-15°	599.7	557.9	523.0	496.4	470.3	439.6	401.3	355.3	311.7	269.4	225.6
-17.5°	590.1	550.1	517.9	493.5	466.0	434.5	394.9	350.6	308.0	265.5	222.3
-20°	580.9	542.7	512.1	489.9	460.7	428.3	387.9	345.3	303.5	260.9	218.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	570.4	535.8	507.7	483.7	453.8	421.1	380.3	339.3	298.1	255.6	214.3
-25°	558.5	527.8	501.8	476.0	445.3	411.4	372.3	332.6	291.8	249.7	209.4
-27.5°	547.9	519.2	494.3	467.8	436.8	401.3	363.9	325.0	284.6	243.0	203.9
-30°	537.1	509.9	484.9	458.8	427.9	391.3	354.9	316.3	276.4	236.0	197.7
-32.5°	523.8	498.7	475.1	448.3	416.7	380.3	344.7	306.7	267.5	228.4	191.2
-35°	509.1	486.7	464.8	437.5	403.5	367.6	332.5	296.1	257.8	220.1	184.3
-37.5°	493.8	473.8	452.6	424.2	389.1	353.5	318.9	283.9	247.5	211.1	177.0
-40°	478.7	459.4	438.5	407.3	372.5	338.0	304.6	271.2	236.6	201.5	169.2
-42.5°	462.5	444.3	420.1	389.1	354.1	321.6	289.7	258.1	225.0	191.8	161.0
-45°	446.6	427.1	400.2	368.2	334.4	304.4	274.8	244.6	212.9	181.9	152.4
-47.5°	429.5	406.5	378.7	346.8	315.4	287.0	259.6	230.8	200.4	171.6	143.4
-50°	408.6	384.4	355.5	326.1	296.6	270.2	244.2	216.6	188.3	160.8	134.0
-52.5°	384.4	359.7	332.6	305.1	278.2	253.2	228.4	202.2	175.5	149.6	124.3
-55°	358.5	334.8	309.4	283.5	258.8	235.9	212.4	187.1	162.1	137.8	114.4
-57.5°	330.3	309.0	284.6	260.7	238.8	217.9	195.3	171.4	148.1	125.6	105.2
-60°	300.0	279.7	258.1	237.8	218.2	198.3	177.1	155.1	133.7	113.3	95.6
-62.5°	268.2	249.9	232.5	214.5	195.8	176.9	158.3	138.2	118.7	102.1	85.7
-65°	236.0	220.8	206.2	188.8	171.7	155.2	138.7	120.8	105.3	90.6	76.0
-67.5°	203.0	190.8	176.9	161.8	148.2	134.1	118.9	105.3	92.2	78.9	67.0
-70°	172.9	161.0	149.2	137.9	125.9	113.3	102.1	90.6	78.9	68.5	57.9
-72.5°	144.2	134.7	124.7	114.6	105.2	95.6	85.7	76.0	67.0	57.9	48.6
-75°	116.8	109.3	101.8	94.0	85.9	77.8	70.4	62.8	55.1	47.2	40.3
-77.5°	92.0	86.0	79.7	73.8	67.9	61.9	55.7	49.4	43.4	37.8	32.1
-80°	67.7	63.5	59.5	55.5	50.8	46.0	41.8	37.4	33.0	28.5	24.0
-82.5°	43.7	42.1	40.4	38.4	35.4	32.3	29.1	25.8	22.5	19.2	16.6
-85°	27.0	25.7	24.3	22.5	20.5	18.5	17.1	15.6	14.1	12.6	11.1
-87.5°	12.5	11.9	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.3	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627239 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
85°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
82.5°	14.3	12.0	9.6	7.2	4.8	2.1	0.0
80°	19.3	15.9	12.8	9.6	6.4	2.8	0.0
77.5°	26.3	20.5	15.9	12.0	8.0	3.5	0.0
75°	33.2	26.0	19.3	14.3	9.5	4.2	0.0
72.5°	40.0	31.5	23.5	16.6	11.0	4.8	0.0
70°	46.8	36.8	27.6	19.1	12.5	5.5	0.0
67.5°	54.6	42.0	31.6	22.0	13.9	6.1	0.0
65°	62.2	47.7	35.6	24.8	15.3	6.8	0.0
62.5°	69.6	54.0	39.4	27.6	16.6	7.4	0.0
60°	76.9	60.0	43.1	30.3	17.9	7.9	0.0
57.5°	84.9	65.9	47.8	32.9	19.5	8.5	0.0
55°	92.7	71.7	52.4	35.5	21.2	9.1	0.0
52.5°	100.4	77.3	56.8	37.9	22.8	9.6	0.0
50°	107.8	83.5	61.1	40.2	24.3	10.1	0.0
47.5°	115.0	89.4	65.2	42.6	25.8	10.5	0.0
45°	122.7	95.1	69.2	45.6	27.3	11.0	0.0
42.5°	130.1	100.5	73.0	48.4	28.7	11.4	0.0
40°	137.1	105.7	76.8	51.2	30.0	11.8	0.0
37.5°	143.7	110.6	80.7	53.8	31.3	12.1	0.0
35°	150.0	115.6	84.4	56.3	32.5	12.5	0.0
32.5°	155.9	120.4	87.8	58.7	33.7	12.8	0.0
30°	161.3	125.0	91.0	60.9	34.8	13.0	0.0
27.5°	166.4	129.2	94.1	63.0	35.8	13.3	0.0
25°	171.0	133.0	97.0	64.8	36.8	13.5	0.0
22.5°	175.2	136.5	99.6	66.6	37.6	13.7	0.0
20°	178.9	139.4	102.0	68.1	38.4	13.8	0.0
17.5°	182.0	142.0	104.1	69.5	39.2	13.9	0.0
15°	184.6	144.1	105.9	70.7	39.8	14.0	0.0
12.5°	186.6	145.8	107.5	71.7	40.3	14.1	0.0
10°	188.2	147.0	108.7	72.5	40.8	14.1	0.0
7.5°	189.3	147.9	109.7	73.2	41.1	14.1	0.0
5°	189.9	148.3	110.4	73.6	41.4	14.0	0.0
2.5°	190.0	148.3	110.9	73.9	41.5	14.0	0.0
0°	189.6	148.0	111.0	74.0	41.6	13.9	0.0
-2.5°	190.0	148.3	110.9	73.9	41.5	14.0	0.0
-5°	189.9	148.3	110.4	73.6	41.4	14.0	0.0
-7.5°	189.3	147.9	109.7	73.2	41.1	14.1	0.0
-10°	188.2	147.0	108.7	72.5	40.8	14.1	0.0
-12.5°	186.6	145.8	107.5	71.7	40.3	14.1	0.0
-15°	184.6	144.1	105.9	70.7	39.8	14.0	0.0
-17.5°	182.0	142.0	104.1	69.5	39.2	13.9	0.0
-20°	178.9	139.4	102.0	68.1	38.4	13.8	0.0

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CATALOG NUMBER: GFLD-SA3D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	175.2	136.5	99.6	66.6	37.6	13.7	0.0
-25°	171.0	133.0	97.0	64.8	36.8	13.5	0.0
-27.5°	166.4	129.2	94.1	63.0	35.8	13.3	0.0
-30°	161.3	125.0	91.0	60.9	34.8	13.0	0.0
-32.5°	155.9	120.4	87.8	58.7	33.7	12.8	0.0
-35°	150.0	115.6	84.4	56.3	32.5	12.5	0.0
-37.5°	143.7	110.6	80.7	53.8	31.3	12.1	0.0
-40°	137.1	105.7	76.8	51.2	30.0	11.8	0.0
-42.5°	130.1	100.5	73.0	48.4	28.7	11.4	0.0
-45°	122.7	95.1	69.2	45.6	27.3	11.0	0.0
-47.5°	115.0	89.4	65.2	42.6	25.8	10.5	0.0
-50°	107.8	83.5	61.1	40.2	24.3	10.1	0.0
-52.5°	100.4	77.3	56.8	37.9	22.8	9.6	0.0
-55°	92.7	71.7	52.4	35.5	21.2	9.1	0.0
-57.5°	84.9	65.9	47.8	32.9	19.5	8.5	0.0
-60°	76.9	60.0	43.1	30.3	17.9	7.9	0.0
-62.5°	69.6	54.0	39.4	27.6	16.6	7.4	0.0
-65°	62.2	47.7	35.6	24.8	15.3	6.8	0.0
-67.5°	54.6	42.0	31.6	22.0	13.9	6.1	0.0
-70°	46.8	36.8	27.6	19.1	12.5	5.5	0.0
-72.5°	40.0	31.5	23.5	16.6	11.0	4.8	0.0
-75°	33.2	26.0	19.3	14.3	9.5	4.2	0.0
-77.5°	26.3	20.5	15.9	12.0	8.0	3.5	0.0
-80°	19.3	15.9	12.8	9.6	6.4	2.8	0.0
-82.5°	14.3	12.0	9.6	7.2	4.8	2.1	0.0
-85°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
-87.5°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)