

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: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-735-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N48
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

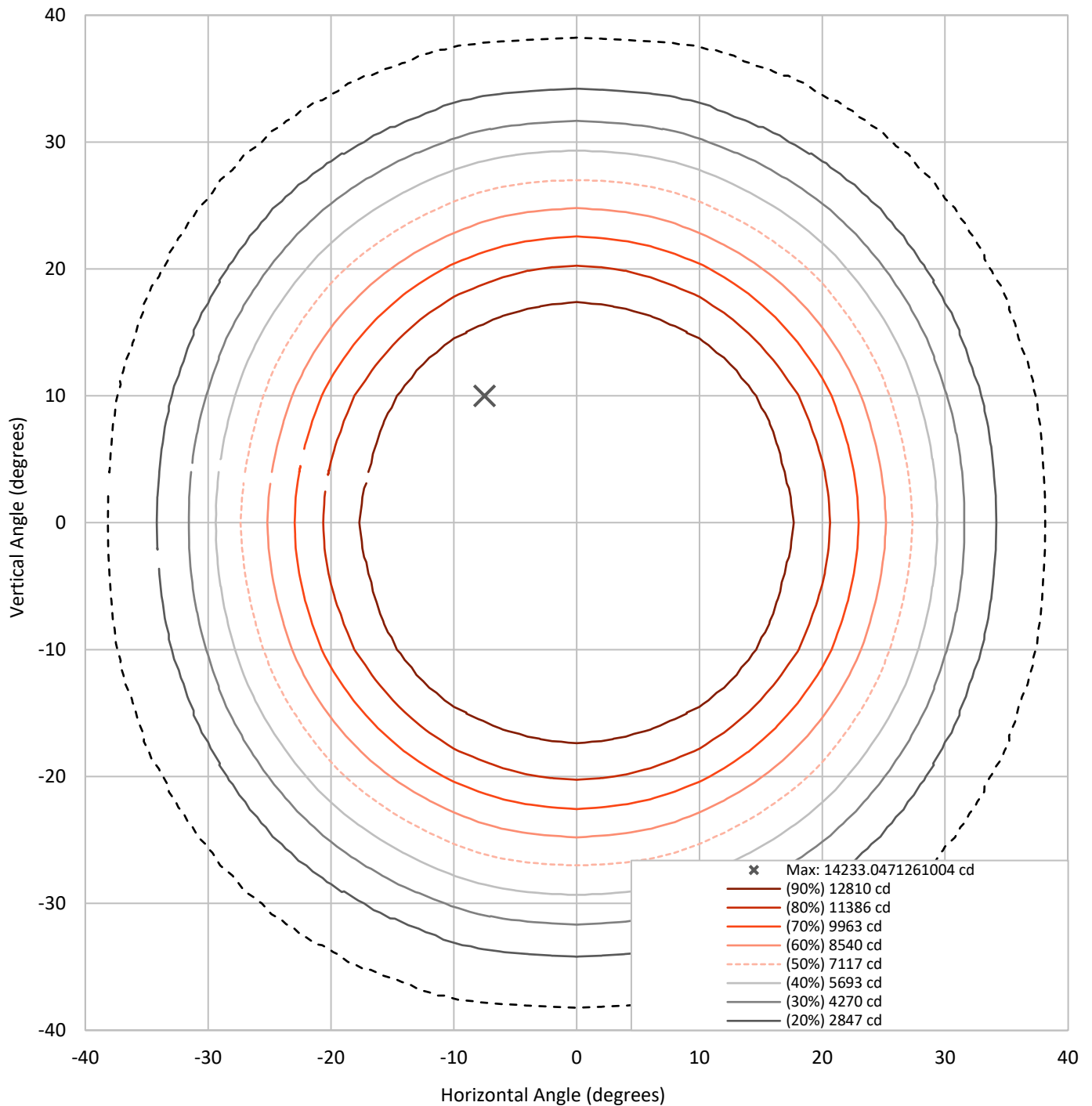
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12113.7 lumens	Max Intensity:	14233 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	146.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	8040.3 lumens	Field Lumens:	10454.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	82.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





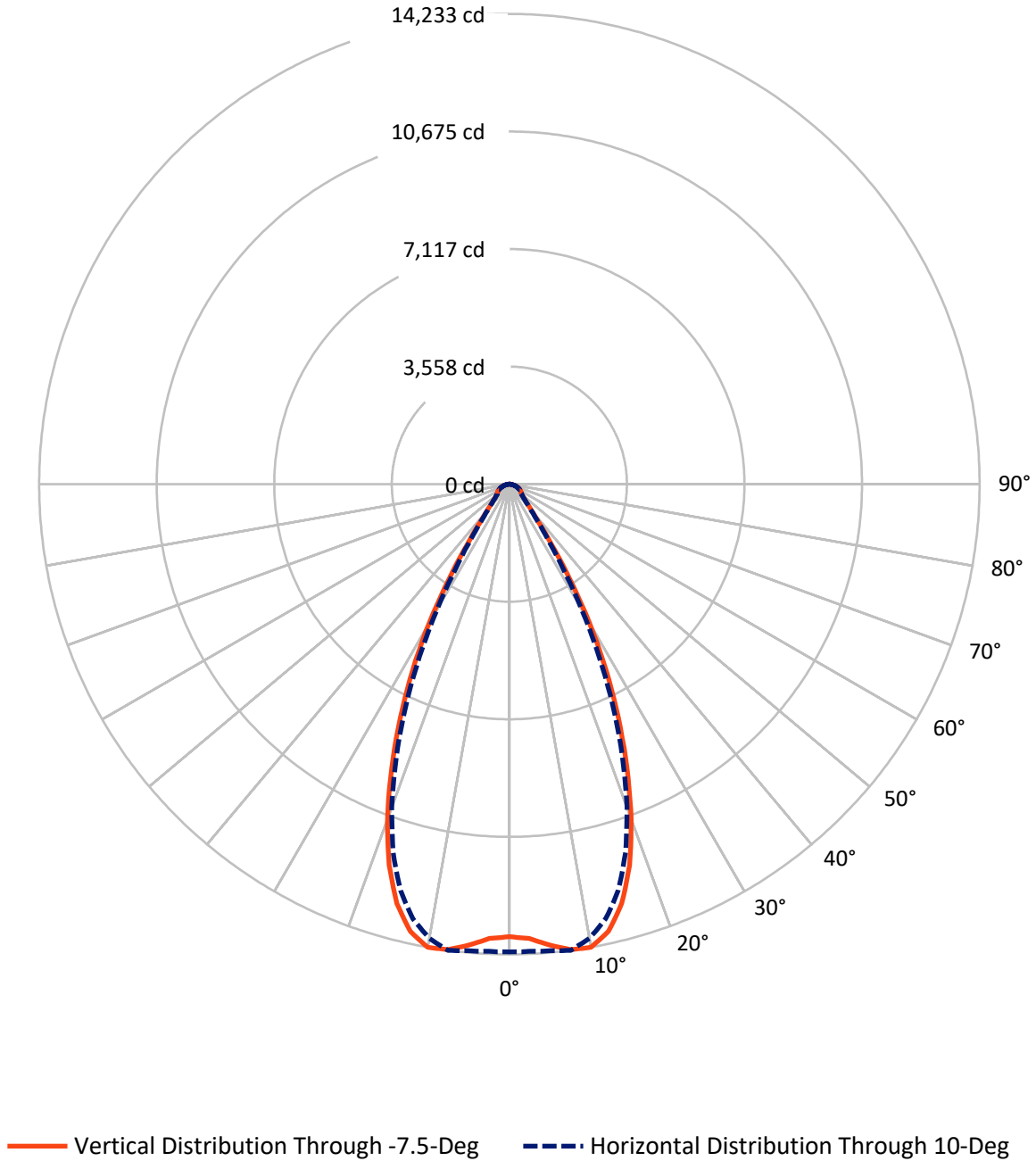
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Lumen Table

90																			
80	0.3	2.8		7.6		12.0		13.4		12.0		7.6		2.8		0.3			
70																			
60	1.3	1.5	3.0	4.8	6.8	8.2	9.3	9.9	9.9	9.3	8.2	6.8	4.8	3.0	1.5	1.3			
50		2.2	4.4	7.0	9.3	11.3	12.7	13.2	13.2	12.7	11.3	9.3	7.0	4.4	2.2				
40	2.3	2.8	5.5	8.5	11.4	14.8	18.6	21.4	21.4	18.6	14.8	11.4	8.5	5.5	2.8	2.3			
30		3.3	6.4	9.8	15.1	27.5	52.7	78.1	78.1	52.7	27.5	15.1	9.8	6.4	3.3				
20	2.9	3.7	7.0	11.4	24.8	77.8	174.5	243.6	243.6	174.5	77.8	24.8	11.4	7.0	3.7	2.9			
10		4.0	7.4	13.5	44.9	165.8	316.6	396.2	396.2	316.6	165.8	44.9	13.5	7.4	4.0				
0	3.2	4.1	7.6	15.2	64.6	226.9	384.1	417.9	417.9	384.1	226.9	64.6	15.2	7.6	4.1	3.2			
-10		4.1	7.6	15.2	64.6	226.9	384.1	417.9	417.9	384.1	226.9	64.6	15.2	7.6	4.1				
-20	2.9	4.0	7.4	13.5	44.9	165.8	316.6	396.2	396.2	316.6	165.8	44.9	13.5	7.4	4.0	2.9			
-30		3.7	7.0	11.4	24.8	77.8	174.5	243.6	243.6	174.5	77.8	24.8	11.4	7.0	3.7				
-40	2.3	3.3	6.4	9.8	15.1	27.5	52.7	78.1	78.1	52.7	27.5	15.1	9.8	6.4	3.3	2.3			
-50		2.8	5.5	8.5	11.4	14.8	18.6	21.4	21.4	18.6	14.8	11.4	8.5	5.5	2.8				
-60	1.3	2.2	4.4	7.0	9.3	11.3	12.7	13.2	13.2	12.7	11.3	9.3	7.0	4.4	2.2	1.3			
-70		1.5	3.0	4.8	6.8	8.2	9.3	9.9	9.9	9.3	8.2	6.8	4.8	3.0	1.5				
-80	0.3	2.8		7.6		12.0		13.4		12.0		7.6		2.8		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

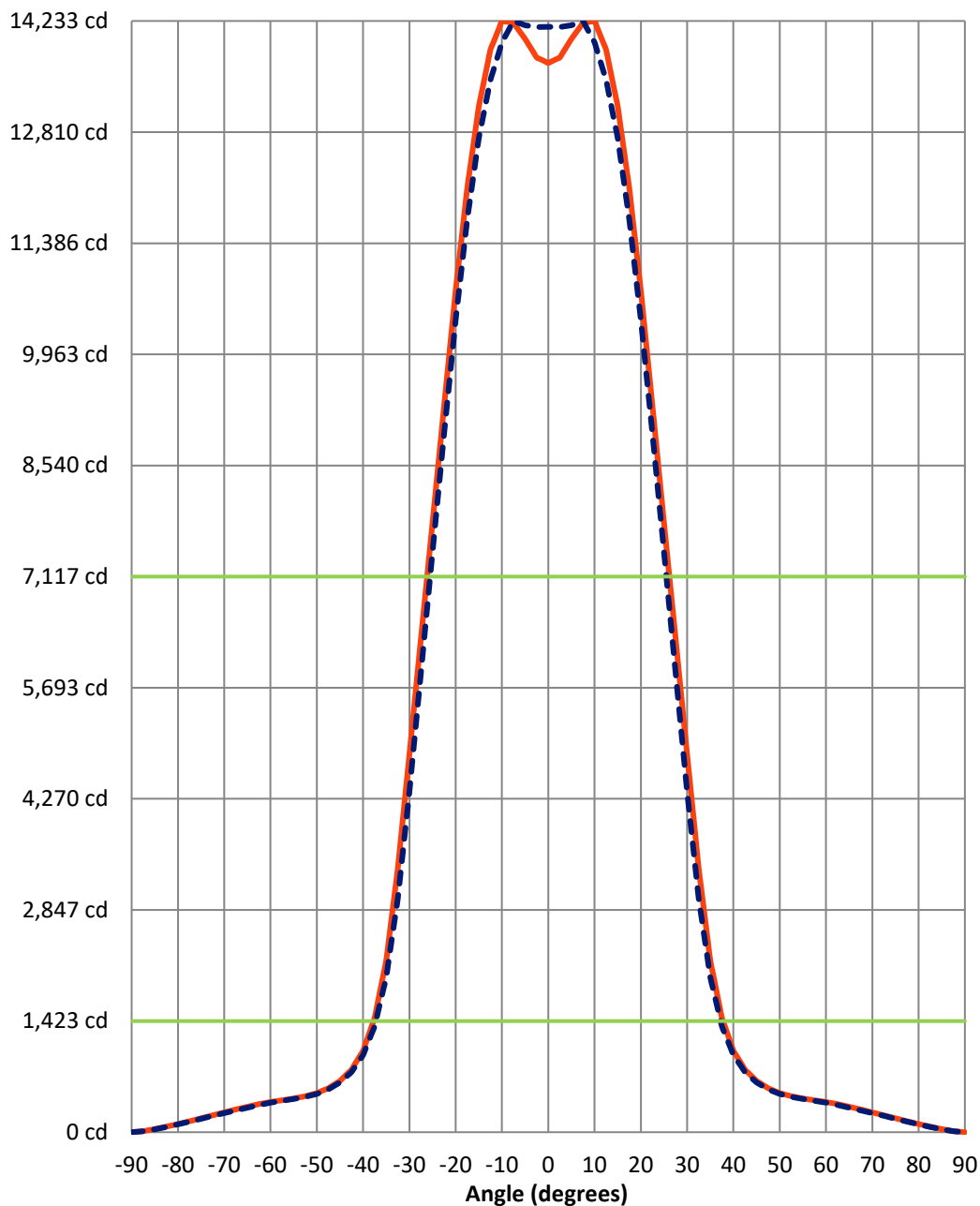
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 8040.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 10454.7
 Efficiency: 86.3%

Spill:
 Lumens: 1658.9
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.9	4.7	5.5	6.3
85°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.9	9.3	10.9	12.6
82.5°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.8	14.3	18.0	21.5
80°	0.0	2.2	4.3	6.5	8.6	10.8	13.3	18.3	23.1	27.7	32.0
77.5°	0.0	2.7	5.4	8.1	10.8	14.5	20.3	26.3	32.0	37.3	43.1
75°	0.0	3.2	6.5	9.7	13.3	20.3	27.2	34.1	40.9	48.7	56.4
72.5°	0.0	3.8	7.5	11.2	17.9	26.0	34.0	42.3	51.6	60.7	69.6
70°	0.0	4.3	8.5	13.1	22.4	31.6	40.9	51.6	62.1	72.5	83.4
67.5°	0.0	4.8	9.6	16.5	26.9	37.2	48.7	60.7	72.5	84.7	97.1
65°	0.0	5.3	10.6	19.8	31.2	43.0	56.3	69.6	83.0	96.6	111.1
62.5°	0.0	5.8	11.5	23.0	35.5	49.1	63.7	78.5	93.2	108.6	126.2
60°	0.0	6.2	12.5	26.1	39.7	55.1	70.9	87.1	103.2	121.7	140.8
57.5°	0.0	6.7	14.5	29.2	44.2	60.8	78.1	95.5	114.1	134.4	154.6
55°	0.0	7.2	16.4	32.2	48.7	66.4	85.3	103.7	124.9	146.6	167.8
52.5°	0.0	7.6	18.3	35.1	52.9	71.9	92.2	112.7	135.3	158.1	180.6
50°	0.0	8.0	20.1	37.8	57.1	77.6	99.0	121.6	145.3	169.3	193.0
47.5°	0.0	8.4	21.9	40.6	61.0	83.1	105.6	130.0	154.8	180.0	205.1
45°	0.0	8.8	23.5	43.4	64.8	88.4	112.5	138.1	164.1	190.4	216.6
42.5°	0.0	9.2	25.1	46.1	68.4	93.5	119.1	145.8	172.9	200.4	227.6
40°	0.0	9.6	26.6	48.6	72.1	98.4	125.3	153.0	181.3	209.9	238.1
37.5°	0.0	9.9	28.0	50.9	75.8	103.1	131.2	159.9	189.4	219.1	248.2
35°	0.0	10.2	29.3	53.1	79.3	107.6	136.7	166.3	197.1	227.7	257.6
32.5°	0.0	10.5	30.5	55.2	82.6	111.9	141.8	172.2	204.5	235.6	265.9
30°	0.0	10.8	31.6	57.1	85.7	115.9	146.6	177.8	211.4	243.0	273.6
27.5°	0.0	11.1	32.7	58.8	88.5	119.6	150.9	183.3	217.6	249.7	280.8
25°	0.0	11.3	33.6	60.4	91.0	123.0	154.9	188.4	223.1	255.7	287.3
22.5°	0.0	11.5	34.4	61.8	93.3	126.0	158.5	193.1	228.0	260.9	293.2
20°	0.0	11.7	35.1	63.1	95.3	128.5	161.6	197.3	232.4	265.6	298.5
17.5°	0.0	11.9	35.8	64.2	97.1	130.7	164.4	201.1	236.2	269.8	303.1
15°	0.0	12.1	36.3	65.2	98.6	132.6	167.0	204.4	239.4	273.3	307.1
12.5°	0.0	12.2	36.7	65.9	99.9	134.2	169.2	207.4	242.2	276.2	310.4
10°	0.0	12.3	37.1	66.6	100.8	135.4	171.0	209.8	244.7	279.0	313.2
7.5°	0.0	12.4	37.3	67.0	101.6	136.3	172.5	211.7	246.6	281.2	315.6
5°	0.0	12.5	37.4	67.3	102.0	136.9	173.5	213.1	248.0	282.7	317.4
2.5°	0.0	12.5	37.5	67.4	102.2	137.1	174.2	213.9	248.8	283.7	318.4
0°	0.0	12.5	37.4	67.3	102.1	137.0	174.4	214.2	249.1	284.0	318.8
-2.5°	0.0	12.5	37.5	67.4	102.2	137.1	174.2	213.9	248.8	283.7	318.4
-5°	0.0	12.5	37.4	67.3	102.0	136.9	173.5	213.1	248.0	282.7	317.4
-7.5°	0.0	12.4	37.3	67.0	101.6	136.3	172.5	211.7	246.6	281.2	315.6
-10°	0.0	12.3	37.1	66.6	100.8	135.4	171.0	209.8	244.7	279.0	313.2
-12.5°	0.0	12.2	36.7	65.9	99.9	134.2	169.2	207.4	242.2	276.2	310.4
-15°	0.0	12.1	36.3	65.2	98.6	132.6	167.0	204.4	239.4	273.3	307.1
-17.5°	0.0	11.9	35.8	64.2	97.1	130.7	164.4	201.1	236.2	269.8	303.1
-20°	0.0	11.7	35.1	63.1	95.3	128.5	161.6	197.3	232.4	265.6	298.5

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CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.5	34.4	61.8	93.3	126.0	158.5	193.1	228.0	260.9	293.2
-25°	0.0	11.3	33.6	60.4	91.0	123.0	154.9	188.4	223.1	255.7	287.3
-27.5°	0.0	11.1	32.7	58.8	88.5	119.6	150.9	183.3	217.6	249.7	280.8
-30°	0.0	10.8	31.6	57.1	85.7	115.9	146.6	177.8	211.4	243.0	273.6
-32.5°	0.0	10.5	30.5	55.2	82.6	111.9	141.8	172.2	204.5	235.6	265.9
-35°	0.0	10.2	29.3	53.1	79.3	107.6	136.7	166.3	197.1	227.7	257.6
-37.5°	0.0	9.9	28.0	50.9	75.8	103.1	131.2	159.9	189.4	219.1	248.2
-40°	0.0	9.6	26.6	48.6	72.1	98.4	125.3	153.0	181.3	209.9	238.1
-42.5°	0.0	9.2	25.1	46.1	68.4	93.5	119.1	145.8	172.9	200.4	227.6
-45°	0.0	8.8	23.5	43.4	64.8	88.4	112.5	138.1	164.1	190.4	216.6
-47.5°	0.0	8.4	21.9	40.6	61.0	83.1	105.6	130.0	154.8	180.0	205.1
-50°	0.0	8.0	20.1	37.8	57.1	77.6	99.0	121.6	145.3	169.3	193.0
-52.5°	0.0	7.6	18.3	35.1	52.9	71.9	92.2	112.7	135.3	158.1	180.6
-55°	0.0	7.2	16.4	32.2	48.7	66.4	85.3	103.7	124.9	146.6	167.8
-57.5°	0.0	6.7	14.5	29.2	44.2	60.8	78.1	95.5	114.1	134.4	154.6
-60°	0.0	6.2	12.5	26.1	39.7	55.1	70.9	87.1	103.2	121.7	140.8
-62.5°	0.0	5.8	11.5	23.0	35.5	49.1	63.7	78.5	93.2	108.6	126.2
-65°	0.0	5.3	10.6	19.8	31.2	43.0	56.3	69.6	83.0	96.6	111.1
-67.5°	0.0	4.8	9.6	16.5	26.9	37.2	48.7	60.7	72.5	84.7	97.1
-70°	0.0	4.3	8.5	13.1	22.4	31.6	40.9	51.6	62.1	72.5	83.4
-72.5°	0.0	3.8	7.5	11.2	17.9	26.0	34.0	42.3	51.6	60.7	69.6
-75°	0.0	3.2	6.5	9.7	13.3	20.3	27.2	34.1	40.9	48.7	56.4
-77.5°	0.0	2.7	5.4	8.1	10.8	14.5	20.3	26.3	32.0	37.3	43.1
-80°	0.0	2.2	4.3	6.5	8.6	10.8	13.3	18.3	23.1	27.7	32.0
-82.5°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.8	14.3	18.0	21.5
-85°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.9	9.3	10.9	12.6
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.9	4.7	5.5	6.3
-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-SA2C-735-U-MWR-XX

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°	6.9	7.4	8.0	8.5	9.1	9.6	10.1	10.5	11.0	11.4	11.8
85°	13.7	14.9	16.9	18.9	20.8	22.7	24.5	26.2	27.9	29.5	31.0
82.5°	24.7	27.9	31.2	34.5	37.5	40.2	43.0	45.8	48.7	51.5	54.3
80°	36.3	40.8	45.9	50.8	55.1	59.1	63.1	66.9	71.0	75.4	79.8
77.5°	49.7	56.1	62.1	67.8	73.2	79.1	84.9	90.4	96.1	101.8	107.2
75°	64.1	71.4	79.1	86.7	94.1	101.2	108.2	115.3	122.4	129.6	136.4
72.5°	78.9	88.2	97.3	106.1	115.3	124.2	132.9	141.2	149.7	158.4	166.8
70°	94.3	105.0	116.2	127.0	137.3	147.7	158.2	168.3	178.2	188.3	198.4
67.5°	109.9	123.2	135.9	147.8	160.0	172.2	184.0	196.2	207.9	219.7	231.0
65°	127.1	141.6	155.4	169.1	182.8	197.2	211.3	224.8	238.4	251.5	263.4
62.5°	143.9	159.3	174.5	190.1	206.6	222.7	238.0	253.5	269.3	283.1	295.1
60°	159.3	176.4	193.5	211.3	229.5	246.8	263.9	280.8	297.8	313.7	323.5
57.5°	174.2	193.1	212.1	231.3	250.3	269.7	287.8	306.3	322.1	335.4	346.7
55°	188.7	209.3	229.5	249.6	270.2	290.5	310.1	327.7	343.1	354.3	365.2
52.5°	202.9	224.6	245.4	267.1	289.1	310.6	331.1	347.4	360.1	371.5	381.7
50°	216.6	238.7	260.7	284.2	307.4	330.1	349.4	363.7	376.6	387.7	398.4
47.5°	229.4	252.5	275.9	300.7	325.1	347.1	364.8	379.8	392.9	404.9	417.5
45°	241.8	266.2	291.0	316.6	341.5	362.8	379.8	396.0	408.3	421.8	436.3
42.5°	253.8	279.4	305.4	331.9	357.1	376.9	394.0	408.7	423.2	439.2	456.7
40°	265.2	291.9	319.0	346.6	371.7	389.3	406.0	421.6	439.2	458.2	478.5
37.5°	275.9	303.6	331.8	360.4	382.4	400.6	417.6	435.1	455.5	477.6	505.2
35°	285.8	314.5	343.7	371.1	392.1	411.3	429.0	448.5	472.3	501.1	536.4
32.5°	295.1	324.6	354.6	379.8	401.0	420.9	439.1	463.4	492.0	526.3	576.3
30°	303.6	333.9	364.0	388.3	409.0	429.0	451.1	478.5	512.0	562.0	626.1
27.5°	311.6	342.3	371.3	395.4	416.1	436.8	462.7	495.8	540.0	599.7	679.3
25°	318.9	350.3	378.4	401.4	422.7	445.7	473.8	511.1	569.2	646.3	753.8
22.5°	325.5	357.6	385.1	406.5	429.0	453.8	486.6	533.3	600.2	690.2	829.0
20°	331.3	363.1	390.2	411.4	434.7	460.5	498.0	554.3	635.0	751.6	928.7
17.5°	336.5	367.9	393.9	416.1	440.3	468.1	509.1	572.5	665.9	805.2	1029.6
15°	340.9	371.9	397.1	420.0	445.2	476.8	524.6	596.3	701.8	860.9	1117.5
12.5°	344.6	375.3	399.7	423.3	449.2	484.1	537.8	618.8	739.2	929.3	1247.0
10°	347.5	378.0	401.7	425.8	452.3	490.0	548.6	637.1	770.1	988.6	1357.4
7.5°	350.1	379.9	403.1	427.6	454.5	494.4	556.8	651.3	793.8	1035.1	1444.8
5°	352.1	381.1	403.8	428.6	456.4	497.2	562.3	661.1	810.1	1068.3	1506.3
2.5°	353.3	381.5	404.0	428.9	457.8	498.5	565.2	666.6	823.0	1084.1	1539.3
0°	353.7	381.1	403.5	428.4	458.3	498.2	565.4	667.6	829.5	1083.5	1544.3
-2.5°	353.3	381.5	404.0	428.9	457.8	498.5	565.2	666.6	823.0	1084.1	1539.3
-5°	352.1	381.1	403.8	428.6	456.4	497.2	562.3	661.1	810.1	1068.3	1506.3
-7.5°	350.1	379.9	403.1	427.6	454.5	494.4	556.8	651.3	793.8	1035.1	1444.8
-10°	347.5	378.0	401.7	425.8	452.3	490.0	548.6	637.1	770.1	988.6	1357.4
-12.5°	344.6	375.3	399.7	423.3	449.2	484.1	537.8	618.8	739.2	929.3	1247.0
-15°	340.9	371.9	397.1	420.0	445.2	476.8	524.6	596.3	701.8	860.9	1117.5
-17.5°	336.5	367.9	393.9	416.1	440.3	468.1	509.1	572.5	665.9	805.2	1029.6
-20°	331.3	363.1	390.2	411.4	434.7	460.5	498.0	554.3	635.0	751.6	928.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	325.5	357.6	385.1	406.5	429.0	453.8	486.6	533.3	600.2	690.2	829.0
-25°	318.9	350.3	378.4	401.4	422.7	445.7	473.8	511.1	569.2	646.3	753.8
-27.5°	311.6	342.3	371.3	395.4	416.1	436.8	462.7	495.8	540.0	599.7	679.3
-30°	303.6	333.9	364.0	388.3	409.0	429.0	451.1	478.5	512.0	562.0	626.1
-32.5°	295.1	324.6	354.6	379.8	401.0	420.9	439.1	463.4	492.0	526.3	576.3
-35°	285.8	314.5	343.7	371.1	392.1	411.3	429.0	448.5	472.3	501.1	536.4
-37.5°	275.9	303.6	331.8	360.4	382.4	400.6	417.6	435.1	455.5	477.6	505.2
-40°	265.2	291.9	319.0	346.6	371.7	389.3	406.0	421.6	439.2	458.2	478.5
-42.5°	253.8	279.4	305.4	331.9	357.1	376.9	394.0	408.7	423.2	439.2	456.7
-45°	241.8	266.2	291.0	316.6	341.5	362.8	379.8	396.0	408.3	421.8	436.3
-47.5°	229.4	252.5	275.9	300.7	325.1	347.1	364.8	379.8	392.9	404.9	417.5
-50°	216.6	238.7	260.7	284.2	307.4	330.1	349.4	363.7	376.6	387.7	398.4
-52.5°	202.9	224.6	245.4	267.1	289.1	310.6	331.1	347.4	360.1	371.5	381.7
-55°	188.7	209.3	229.5	249.6	270.2	290.5	310.1	327.7	343.1	354.3	365.2
-57.5°	174.2	193.1	212.1	231.3	250.3	269.7	287.8	306.3	322.1	335.4	346.7
-60°	159.3	176.4	193.5	211.3	229.5	246.8	263.9	280.8	297.8	313.7	323.5
-62.5°	143.9	159.3	174.5	190.1	206.6	222.7	238.0	253.5	269.3	283.1	295.1
-65°	127.1	141.6	155.4	169.1	182.8	197.2	211.3	224.8	238.4	251.5	263.4
-67.5°	109.9	123.2	135.9	147.8	160.0	172.2	184.0	196.2	207.9	219.7	231.0
-70°	94.3	105.0	116.2	127.0	137.3	147.7	158.2	168.3	178.2	188.3	198.4
-72.5°	78.9	88.2	97.3	106.1	115.3	124.2	132.9	141.2	149.7	158.4	166.8
-75°	64.1	71.4	79.1	86.7	94.1	101.2	108.2	115.3	122.4	129.6	136.4
-77.5°	49.7	56.1	62.1	67.8	73.2	79.1	84.9	90.4	96.1	101.8	107.2
-80°	36.3	40.8	45.9	50.8	55.1	59.1	63.1	66.9	71.0	75.4	79.8
-82.5°	24.7	27.9	31.2	34.5	37.5	40.2	43.0	45.8	48.7	51.5	54.3
-85°	13.7	14.9	16.9	18.9	20.8	22.7	24.5	26.2	27.9	29.5	31.0
-87.5°	6.9	7.4	8.0	8.5	9.1	9.6	10.1	10.5	11.0	11.4	11.8
-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: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.2	12.1	11.9	11.6	11.3	12.1	12.9	13.6	14.4	14.0	13.5
85°	32.4	33.1	33.8	34.3	34.8	36.3	37.8	39.1	40.4	40.4	40.3
82.5°	57.0	58.9	60.4	61.9	63.1	64.9	66.5	67.9	69.1	70.0	70.8
80°	84.1	87.0	89.6	91.9	94.0	96.4	98.6	100.6	102.3	103.2	103.8
77.5°	112.6	117.0	120.9	124.6	128.1	131.6	134.8	137.6	140.1	140.7	140.5
75°	142.9	148.7	154.2	159.3	164.0	168.0	171.4	174.3	176.6	177.8	178.4
72.5°	174.7	181.9	188.3	194.2	199.2	203.3	206.9	210.0	212.7	214.3	215.3
70°	207.9	216.4	223.1	228.6	232.8	237.0	241.6	246.0	250.1	252.4	253.4
67.5°	241.2	250.1	256.1	261.1	265.1	269.1	274.9	280.2	284.9	288.0	290.0
65°	273.8	283.1	289.2	294.0	297.6	301.6	308.2	313.4	317.4	320.5	323.4
62.5°	306.1	315.4	322.2	327.9	333.1	337.6	342.9	347.3	350.7	353.9	357.4
60°	333.9	345.0	352.1	357.9	364.4	371.4	375.3	378.6	381.5	384.0	386.2
57.5°	356.7	366.6	375.8	382.7	389.4	395.9	400.6	403.7	406.2	408.1	408.8
55°	375.8	386.0	396.2	403.7	410.4	416.5	421.6	425.6	429.0	431.6	432.2
52.5°	392.9	404.4	414.4	423.1	431.9	439.1	444.7	450.1	454.9	458.7	460.4
50°	411.5	423.6	436.1	447.7	457.0	465.2	472.0	479.7	487.8	494.5	498.8
47.5°	431.1	445.0	460.1	474.3	485.4	497.5	508.8	520.3	535.4	548.1	557.5
45°	451.5	469.3	486.5	504.7	520.0	542.9	564.1	582.4	606.6	628.6	646.1
42.5°	475.7	497.8	519.0	548.1	578.5	609.7	643.5	672.3	710.2	748.8	779.9
40°	504.3	532.7	569.9	608.9	656.9	699.9	758.2	810.1	868.3	941.8	1002.5
37.5°	538.8	582.4	634.2	688.6	763.5	835.0	931.3	1032.9	1125.0	1266.5	1385.4
35°	583.5	644.5	712.8	809.0	914.9	1048.9	1199.2	1395.4	1563.6	1802.2	2030.2
32.5°	641.2	719.6	831.1	979.6	1136.2	1379.5	1618.0	1958.6	2274.0	2652.1	3060.3
30°	705.4	824.8	995.1	1198.7	1490.9	1848.8	2269.3	2792.4	3364.8	3896.3	4420.1
27.5°	798.4	969.5	1193.2	1521.9	1977.1	2477.9	3214.6	3924.7	4665.5	5324.0	5873.2
25°	907.0	1133.0	1479.0	1963.0	2578.7	3436.1	4318.0	5194.4	5991.1	6680.5	7287.3
22.5°	1047.2	1372.3	1833.6	2460.5	3419.1	4446.8	5481.0	6447.6	7297.5	8065.2	8722.1
20°	1199.7	1606.6	2265.3	3200.1	4296.4	5467.2	6634.9	7664.6	8600.3	9470.8	10211.1
17.5°	1393.0	1962.8	2797.0	3918.4	5185.8	6468.7	7695.4	8812.8	9874.4	10795.5	11569.1
15°	1557.7	2276.5	3365.3	4680.4	6051.4	7404.6	8699.7	9913.4	11017.2	11962.2	12689.5
12.5°	1777.4	2628.2	3869.8	5335.6	6821.2	8245.1	9609.2	10863.7	11987.0	12921.6	13487.7
10°	1985.1	2992.2	4357.5	5886.0	7429.5	8946.6	10403.1	11689.7	12732.6	13476.1	13958.5
7.5°	2161.7	3305.0	4754.2	6331.0	7912.8	9498.9	10973.3	12225.1	13186.7	13807.6	14143.5
5°	2293.6	3538.9	5048.6	6692.5	8315.8	9929.7	11392.6	12567.7	13398.8	13860.1	14028.7
2.5°	2377.6	3676.3	5219.5	6929.8	8585.4	10202.2	11680.2	12836.9	13542.0	13847.7	13876.8
0°	2411.2	3694.0	5245.8	7054.2	8653.3	10279.9	11762.0	12947.6	13595.3	13846.8	13841.9
-2.5°	2377.6	3676.3	5219.5	6929.8	8585.4	10202.2	11680.2	12836.9	13542.0	13847.7	13876.8
-5°	2293.6	3538.9	5048.6	6692.5	8315.8	9929.7	11392.6	12567.7	13398.8	13860.1	14028.7
-7.5°	2161.7	3305.0	4754.2	6331.0	7912.8	9498.9	10973.3	12225.1	13186.7	13807.6	14143.5
-10°	1985.1	2992.2	4357.5	5886.0	7429.5	8946.6	10403.1	11689.7	12732.6	13476.1	13958.5
-12.5°	1777.4	2628.2	3869.8	5335.6	6821.2	8245.1	9609.2	10863.7	11987.0	12921.6	13487.7
-15°	1557.7	2276.5	3365.3	4680.4	6051.4	7404.6	8699.7	9913.4	11017.2	11962.2	12689.5
-17.5°	1393.0	1962.8	2797.0	3918.4	5185.8	6468.7	7695.4	8812.8	9874.4	10795.5	11569.1
-20°	1199.7	1606.6	2265.3	3200.1	4296.4	5467.2	6634.9	7664.6	8600.3	9470.8	10211.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1047.2	1372.3	1833.6	2460.5	3419.1	4446.8	5481.0	6447.6	7297.5	8065.2	8722.1
-25°	907.0	1133.0	1479.0	1963.0	2578.7	3436.1	4318.0	5194.4	5991.1	6680.5	7287.3
-27.5°	798.4	969.5	1193.2	1521.9	1977.1	2477.9	3214.6	3924.7	4665.5	5324.0	5873.2
-30°	705.4	824.8	995.1	1198.7	1490.9	1848.8	2269.3	2792.4	3364.8	3896.3	4420.1
-32.5°	641.2	719.6	831.1	979.6	1136.2	1379.5	1618.0	1958.6	2274.0	2652.1	3060.3
-35°	583.5	644.5	712.8	809.0	914.9	1048.9	1199.2	1395.4	1563.6	1802.2	2030.2
-37.5°	538.8	582.4	634.2	688.6	763.5	835.0	931.3	1032.9	1125.0	1266.5	1385.4
-40°	504.3	532.7	569.9	608.9	656.9	699.9	758.2	810.1	868.3	941.8	1002.5
-42.5°	475.7	497.8	519.0	548.1	578.5	609.7	643.5	672.3	710.2	748.8	779.9
-45°	451.5	469.3	486.5	504.7	520.0	542.9	564.1	582.4	606.6	628.6	646.1
-47.5°	431.1	445.0	460.1	474.3	485.4	497.5	508.8	520.3	535.4	548.1	557.5
-50°	411.5	423.6	436.1	447.7	457.0	465.2	472.0	479.7	487.8	494.5	498.8
-52.5°	392.9	404.4	414.4	423.1	431.9	439.1	444.7	450.1	454.9	458.7	460.4
-55°	375.8	386.0	396.2	403.7	410.4	416.5	421.6	425.6	429.0	431.6	432.2
-57.5°	356.7	366.6	375.8	382.7	389.4	395.9	400.6	403.7	406.2	408.1	408.8
-60°	333.9	345.0	352.1	357.9	364.4	371.4	375.3	378.6	381.5	384.0	386.2
-62.5°	306.1	315.4	322.2	327.9	333.1	337.6	342.9	347.3	350.7	353.9	357.4
-65°	273.8	283.1	289.2	294.0	297.6	301.6	308.2	313.4	317.4	320.5	323.4
-67.5°	241.2	250.1	256.1	261.1	265.1	269.1	274.9	280.2	284.9	288.0	290.0
-70°	207.9	216.4	223.1	228.6	232.8	237.0	241.6	246.0	250.1	252.4	253.4
-72.5°	174.7	181.9	188.3	194.2	199.2	203.3	206.9	210.0	212.7	214.3	215.3
-75°	142.9	148.7	154.2	159.3	164.0	168.0	171.4	174.3	176.6	177.8	178.4
-77.5°	112.6	117.0	120.9	124.6	128.1	131.6	134.8	137.6	140.1	140.7	140.5
-80°	84.1	87.0	89.6	91.9	94.0	96.4	98.6	100.6	102.3	103.2	103.8
-82.5°	57.0	58.9	60.4	61.9	63.1	64.9	66.5	67.9	69.1	70.0	70.8
-85°	32.4	33.1	33.8	34.3	34.8	36.3	37.8	39.1	40.4	40.4	40.3
-87.5°	12.2	12.1	11.9	11.6	11.3	12.1	12.9	13.6	14.4	14.0	13.5
-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: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.0	12.5	12.5	12.5	12.5	12.5	13.0	13.5	14.0	14.4	13.6
85°	40.0	39.7	38.6	37.4	38.6	39.7	40.0	40.3	40.4	40.4	39.1
82.5°	71.4	71.8	70.9	69.7	70.9	71.8	71.4	70.8	70.0	69.1	67.9
80°	104.1	104.1	103.2	102.1	103.2	104.1	104.1	103.8	103.2	102.3	100.6
77.5°	139.9	138.9	139.3	139.5	139.3	138.9	139.9	140.5	140.7	140.1	137.6
75°	178.6	178.5	177.9	176.9	177.9	178.5	178.6	178.4	177.8	176.6	174.3
72.5°	215.8	215.8	215.3	214.2	215.3	215.8	215.8	215.3	214.3	212.7	210.0
70°	253.6	253.1	253.8	254.1	253.8	253.1	253.6	253.4	252.4	250.1	246.0
67.5°	291.6	292.6	292.4	291.4	292.4	292.6	291.6	290.0	288.0	284.9	280.2
65°	325.7	327.4	328.4	328.8	328.4	327.4	325.7	323.4	320.5	317.4	313.4
62.5°	360.1	362.1	362.2	361.2	362.2	362.1	360.1	357.4	353.9	350.7	347.3
60°	387.4	387.7	387.2	386.1	387.2	387.7	387.4	386.2	384.0	381.5	378.6
57.5°	408.8	408.1	407.2	406.0	407.2	408.1	408.8	408.8	408.1	406.2	403.7
55°	431.8	430.6	429.6	428.4	429.6	430.6	431.8	432.2	431.6	429.0	425.6
52.5°	460.7	460.1	459.4	458.3	459.4	460.1	460.7	460.4	458.7	454.9	450.1
50°	501.0	501.6	501.6	500.7	501.6	501.6	501.0	498.8	494.5	487.8	479.7
47.5°	563.5	566.8	569.0	570.4	569.0	566.8	563.5	557.5	548.1	535.4	520.3
45°	657.2	663.9	668.5	672.5	668.5	663.9	657.2	646.1	628.6	606.6	582.4
42.5°	801.8	816.8	823.8	822.0	823.8	816.8	801.8	779.9	748.8	710.2	672.3
40°	1043.0	1067.1	1080.4	1091.0	1080.4	1067.1	1043.0	1002.5	941.8	868.3	810.1
37.5°	1466.7	1513.3	1537.9	1559.3	1537.9	1513.3	1466.7	1385.4	1266.5	1125.0	1032.9
35°	2200.6	2305.5	2361.8	2381.3	2361.8	2305.5	2200.6	2030.2	1802.2	1563.6	1395.4
32.5°	3377.8	3571.5	3678.5	3761.2	3678.5	3571.5	3377.8	3060.3	2652.1	2274.0	1958.6
30°	4834.8	5089.8	5231.4	5300.6	5231.4	5089.8	4834.8	4420.1	3896.3	3364.8	2792.4
27.5°	6328.4	6618.3	6771.0	6762.8	6771.0	6618.3	6328.4	5873.2	5324.0	4665.5	3924.7
25°	7807.5	8143.3	8295.4	8431.6	8295.4	8143.3	7807.5	7287.3	6680.5	5991.1	5194.4
22.5°	9303.5	9696.2	9910.4	10010.9	9910.4	9696.2	9303.5	8722.1	8065.2	7297.5	6447.6
20°	10781.7	11218.8	11446.2	11545.3	11446.2	11218.8	10781.7	10211.1	9470.8	8600.3	7664.6
17.5°	12092.7	12519.4	12736.2	12828.1	12736.2	12519.4	12092.7	11569.1	10795.5	9874.4	8812.8
15°	13139.5	13454.3	13638.6	13687.4	13638.6	13454.3	13139.5	12689.5	11962.2	11017.2	9913.4
12.5°	13863.1	13985.0	14073.7	14100.9	14073.7	13985.0	13863.1	13487.7	12921.6	11987.0	10863.7
10°	14233.0	14178.0	14155.3	14158.2	14155.3	14178.0	14233.0	13958.5	13476.1	12732.6	11689.7
7.5°	14207.6	14126.2	13962.6	13936.5	13962.6	14126.2	14207.6	14143.5	13807.6	13186.7	12225.1
5°	14003.5	13855.2	13583.6	13505.6	13583.6	13855.2	14003.5	14028.7	13860.1	13398.8	12567.7
2.5°	13765.6	13498.3	13248.1	13087.1	13248.1	13498.3	13765.6	13876.8	13847.7	13542.0	12836.9
0°	13694.9	13386.0	13062.2	12957.6	13062.2	13386.0	13694.9	13841.9	13846.8	13595.3	12947.6
-2.5°	13765.6	13498.3	13248.1	13087.1	13248.1	13498.3	13765.6	13876.8	13847.7	13542.0	12836.9
-5°	14003.5	13855.2	13583.6	13505.6	13583.6	13855.2	14003.5	14028.7	13860.1	13398.8	12567.7
-7.5°	14207.6	14126.2	13962.6	13936.5	13962.6	14126.2	14207.6	14143.5	13807.6	13186.7	12225.1
-10°	14233.0	14178.0	14155.3	14158.2	14155.3	14178.0	14233.0	13958.5	13476.1	12732.6	11689.7
-12.5°	13863.1	13985.0	14073.7	14100.9	14073.7	13985.0	13863.1	13487.7	12921.6	11987.0	10863.7
-15°	13139.5	13454.3	13638.6	13687.4	13638.6	13454.3	13139.5	12689.5	11962.2	11017.2	9913.4
-17.5°	12092.7	12519.4	12736.2	12828.1	12736.2	12519.4	12092.7	11569.1	10795.5	9874.4	8812.8
-20°	10781.7	11218.8	11446.2	11545.3	11446.2	11218.8	10781.7	10211.1	9470.8	8600.3	7664.6



REPORT NUMBER: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	9303.5	9696.2	9910.4	10010.9	9910.4	9696.2	9303.5	8722.1	8065.2	7297.5	6447.6
-25°	7807.5	8143.3	8295.4	8431.6	8295.4	8143.3	7807.5	7287.3	6680.5	5991.1	5194.4
-27.5°	6328.4	6618.3	6771.0	6762.8	6771.0	6618.3	6328.4	5873.2	5324.0	4665.5	3924.7
-30°	4834.8	5089.8	5231.4	5300.6	5231.4	5089.8	4834.8	4420.1	3896.3	3364.8	2792.4
-32.5°	3377.8	3571.5	3678.5	3761.2	3678.5	3571.5	3377.8	3060.3	2652.1	2274.0	1958.6
-35°	2200.6	2305.5	2361.8	2381.3	2361.8	2305.5	2200.6	2030.2	1802.2	1563.6	1395.4
-37.5°	1466.7	1513.3	1537.9	1559.3	1537.9	1513.3	1466.7	1385.4	1266.5	1125.0	1032.9
-40°	1043.0	1067.1	1080.4	1091.0	1080.4	1067.1	1043.0	1002.5	941.8	868.3	810.1
-42.5°	801.8	816.8	823.8	822.0	823.8	816.8	801.8	779.9	748.8	710.2	672.3
-45°	657.2	663.9	668.5	672.5	668.5	663.9	657.2	646.1	628.6	606.6	582.4
-47.5°	563.5	566.8	569.0	570.4	569.0	566.8	563.5	557.5	548.1	535.4	520.3
-50°	501.0	501.6	501.6	500.7	501.6	501.6	501.0	498.8	494.5	487.8	479.7
-52.5°	460.7	460.1	459.4	458.3	459.4	460.1	460.7	460.4	458.7	454.9	450.1
-55°	431.8	430.6	429.6	428.4	429.6	430.6	431.8	432.2	431.6	429.0	425.6
-57.5°	408.8	408.1	407.2	406.0	407.2	408.1	408.8	408.8	408.1	406.2	403.7
-60°	387.4	387.7	387.2	386.1	387.2	387.7	387.4	386.2	384.0	381.5	378.6
-62.5°	360.1	362.1	362.2	361.2	362.2	362.1	360.1	357.4	353.9	350.7	347.3
-65°	325.7	327.4	328.4	328.8	328.4	327.4	325.7	323.4	320.5	317.4	313.4
-67.5°	291.6	292.6	292.4	291.4	292.4	292.6	291.6	290.0	288.0	284.9	280.2
-70°	253.6	253.1	253.8	254.1	253.8	253.1	253.6	253.4	252.4	250.1	246.0
-72.5°	215.8	215.8	215.3	214.2	215.3	215.8	215.8	215.3	214.3	212.7	210.0
-75°	178.6	178.5	177.9	176.9	177.9	178.5	178.6	178.4	177.8	176.6	174.3
-77.5°	139.9	138.9	139.3	139.5	139.3	138.9	139.9	140.5	140.7	140.1	137.6
-80°	104.1	104.1	103.2	102.1	103.2	104.1	104.1	103.8	103.2	102.3	100.6
-82.5°	71.4	71.8	70.9	69.7	70.9	71.8	71.4	70.8	70.0	69.1	67.9
-85°	40.0	39.7	38.6	37.4	38.6	39.7	40.0	40.3	40.4	40.4	39.1
-87.5°	13.0	12.5	12.5	12.5	12.5	12.5	13.0	13.5	14.0	14.4	13.6
-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: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	12.9	12.1	11.3	11.6	11.9	12.1	12.2	11.8	11.4	11.0	10.5
85°	37.8	36.3	34.8	34.3	33.8	33.1	32.4	31.0	29.5	27.9	26.2
82.5°	66.5	64.9	63.1	61.9	60.4	58.9	57.0	54.3	51.5	48.7	45.8
80°	98.6	96.4	94.0	91.9	89.6	87.0	84.1	79.8	75.4	71.0	66.9
77.5°	134.8	131.6	128.1	124.6	120.9	117.0	112.6	107.2	101.8	96.1	90.4
75°	171.4	168.0	164.0	159.3	154.2	148.7	142.9	136.4	129.6	122.4	115.3
72.5°	206.9	203.3	199.2	194.2	188.3	181.9	174.7	166.8	158.4	149.7	141.2
70°	241.6	237.0	232.8	228.6	223.1	216.4	207.9	198.4	188.3	178.2	168.3
67.5°	274.9	269.1	265.1	261.1	256.1	250.1	241.2	231.0	219.7	207.9	196.2
65°	308.2	301.6	297.6	294.0	289.2	283.1	273.8	263.4	251.5	238.4	224.8
62.5°	342.9	337.6	333.1	327.9	322.2	315.4	306.1	295.1	283.1	269.3	253.5
60°	375.3	371.4	364.4	357.9	352.1	345.0	333.9	323.5	313.7	297.8	280.8
57.5°	400.6	395.9	389.4	382.7	375.8	366.6	356.7	346.7	335.4	322.1	306.3
55°	421.6	416.5	410.4	403.7	396.2	386.0	375.8	365.2	354.3	343.1	327.7
52.5°	444.7	439.1	431.9	423.1	414.4	404.4	392.9	381.7	371.5	360.1	347.4
50°	472.0	465.2	457.0	447.7	436.1	423.6	411.5	398.4	387.7	376.6	363.7
47.5°	508.8	497.5	485.4	474.3	460.1	445.0	431.1	417.5	404.9	392.9	379.8
45°	564.1	542.9	520.0	504.7	486.5	469.3	451.5	436.3	421.8	408.3	396.0
42.5°	643.5	609.7	578.5	548.1	519.0	497.8	475.7	456.7	439.2	423.2	408.7
40°	758.2	699.9	656.9	608.9	569.9	532.7	504.3	478.5	458.2	439.2	421.6
37.5°	931.3	835.0	763.5	688.6	634.2	582.4	538.8	505.2	477.6	455.5	435.1
35°	1199.2	1048.9	914.9	809.0	712.8	644.5	583.5	536.4	501.1	472.3	448.5
32.5°	1618.0	1379.5	1136.2	979.6	831.1	719.6	641.2	576.3	526.3	492.0	463.4
30°	2269.3	1848.8	1490.9	1198.7	995.1	824.8	705.4	626.1	562.0	512.0	478.5
27.5°	3214.6	2477.9	1977.1	1521.9	1193.2	969.5	798.4	679.3	599.7	540.0	495.8
25°	4318.0	3436.1	2578.7	1963.0	1479.0	1133.0	907.0	753.8	646.3	569.2	511.1
22.5°	5481.0	4446.8	3419.1	2460.5	1833.6	1372.3	1047.2	829.0	690.2	600.2	533.3
20°	6634.9	5467.2	4296.4	3200.1	2265.3	1606.6	1199.7	928.7	751.6	635.0	554.3
17.5°	7695.4	6468.7	5185.8	3918.4	2797.0	1962.8	1393.0	1029.6	805.2	665.9	572.5
15°	8699.7	7404.6	6051.4	4680.4	3365.3	2276.5	1557.7	1117.5	860.9	701.8	596.3
12.5°	9609.2	8245.1	6821.2	5335.6	3869.8	2628.2	1777.4	1247.0	929.3	739.2	618.8
10°	10403.1	8946.6	7429.5	5886.0	4357.5	2992.2	1985.1	1357.4	988.6	770.1	637.1
7.5°	10973.3	9498.9	7912.8	6331.0	4754.2	3305.0	2161.7	1444.8	1035.1	793.8	651.3
5°	11392.6	9929.7	8315.8	6692.5	5048.6	3538.9	2293.6	1506.3	1068.3	810.1	661.1
2.5°	11680.2	10202.2	8585.4	6929.8	5219.5	3676.3	2377.6	1539.3	1084.1	823.0	666.6
0°	11762.0	10279.9	8653.3	7054.2	5245.8	3694.0	2411.2	1544.3	1083.5	829.5	667.6
-2.5°	11680.2	10202.2	8585.4	6929.8	5219.5	3676.3	2377.6	1539.3	1084.1	823.0	666.6
-5°	11392.6	9929.7	8315.8	6692.5	5048.6	3538.9	2293.6	1506.3	1068.3	810.1	661.1
-7.5°	10973.3	9498.9	7912.8	6331.0	4754.2	3305.0	2161.7	1444.8	1035.1	793.8	651.3
-10°	10403.1	8946.6	7429.5	5886.0	4357.5	2992.2	1985.1	1357.4	988.6	770.1	637.1
-12.5°	9609.2	8245.1	6821.2	5335.6	3869.8	2628.2	1777.4	1247.0	929.3	739.2	618.8
-15°	8699.7	7404.6	6051.4	4680.4	3365.3	2276.5	1557.7	1117.5	860.9	701.8	596.3
-17.5°	7695.4	6468.7	5185.8	3918.4	2797.0	1962.8	1393.0	1029.6	805.2	665.9	572.5
-20°	6634.9	5467.2	4296.4	3200.1	2265.3	1606.6	1199.7	928.7	751.6	635.0	554.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5481.0	4446.8	3419.1	2460.5	1833.6	1372.3	1047.2	829.0	690.2	600.2	533.3
-25°	4318.0	3436.1	2578.7	1963.0	1479.0	1133.0	907.0	753.8	646.3	569.2	511.1
-27.5°	3214.6	2477.9	1977.1	1521.9	1193.2	969.5	798.4	679.3	599.7	540.0	495.8
-30°	2269.3	1848.8	1490.9	1198.7	995.1	824.8	705.4	626.1	562.0	512.0	478.5
-32.5°	1618.0	1379.5	1136.2	979.6	831.1	719.6	641.2	576.3	526.3	492.0	463.4
-35°	1199.2	1048.9	914.9	809.0	712.8	644.5	583.5	536.4	501.1	472.3	448.5
-37.5°	931.3	835.0	763.5	688.6	634.2	582.4	538.8	505.2	477.6	455.5	435.1
-40°	758.2	699.9	656.9	608.9	569.9	532.7	504.3	478.5	458.2	439.2	421.6
-42.5°	643.5	609.7	578.5	548.1	519.0	497.8	475.7	456.7	439.2	423.2	408.7
-45°	564.1	542.9	520.0	504.7	486.5	469.3	451.5	436.3	421.8	408.3	396.0
-47.5°	508.8	497.5	485.4	474.3	460.1	445.0	431.1	417.5	404.9	392.9	379.8
-50°	472.0	465.2	457.0	447.7	436.1	423.6	411.5	398.4	387.7	376.6	363.7
-52.5°	444.7	439.1	431.9	423.1	414.4	404.4	392.9	381.7	371.5	360.1	347.4
-55°	421.6	416.5	410.4	403.7	396.2	386.0	375.8	365.2	354.3	343.1	327.7
-57.5°	400.6	395.9	389.4	382.7	375.8	366.6	356.7	346.7	335.4	322.1	306.3
-60°	375.3	371.4	364.4	357.9	352.1	345.0	333.9	323.5	313.7	297.8	280.8
-62.5°	342.9	337.6	333.1	327.9	322.2	315.4	306.1	295.1	283.1	269.3	253.5
-65°	308.2	301.6	297.6	294.0	289.2	283.1	273.8	263.4	251.5	238.4	224.8
-67.5°	274.9	269.1	265.1	261.1	256.1	250.1	241.2	231.0	219.7	207.9	196.2
-70°	241.6	237.0	232.8	228.6	223.1	216.4	207.9	198.4	188.3	178.2	168.3
-72.5°	206.9	203.3	199.2	194.2	188.3	181.9	174.7	166.8	158.4	149.7	141.2
-75°	171.4	168.0	164.0	159.3	154.2	148.7	142.9	136.4	129.6	122.4	115.3
-77.5°	134.8	131.6	128.1	124.6	120.9	117.0	112.6	107.2	101.8	96.1	90.4
-80°	98.6	96.4	94.0	91.9	89.6	87.0	84.1	79.8	75.4	71.0	66.9
-82.5°	66.5	64.9	63.1	61.9	60.4	58.9	57.0	54.3	51.5	48.7	45.8
-85°	37.8	36.3	34.8	34.3	33.8	33.1	32.4	31.0	29.5	27.9	26.2
-87.5°	12.9	12.1	11.3	11.6	11.9	12.1	12.2	11.8	11.4	11.0	10.5
-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: P626917 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.1	9.6	9.1	8.5	8.0	7.4	6.9	6.3	5.5	4.7	3.9
85°	24.5	22.7	20.8	18.9	16.9	14.9	13.7	12.6	10.9	9.3	7.9
82.5°	43.0	40.2	37.5	34.5	31.2	27.9	24.7	21.5	18.0	14.3	11.8
80°	63.1	59.1	55.1	50.8	45.9	40.8	36.3	32.0	27.7	23.1	18.3
77.5°	84.9	79.1	73.2	67.8	62.1	56.1	49.7	43.1	37.3	32.0	26.3
75°	108.2	101.2	94.1	86.7	79.1	71.4	64.1	56.4	48.7	40.9	34.1
72.5°	132.9	124.2	115.3	106.1	97.3	88.2	78.9	69.6	60.7	51.6	42.3
70°	158.2	147.7	137.3	127.0	116.2	105.0	94.3	83.4	72.5	62.1	51.6
67.5°	184.0	172.2	160.0	147.8	135.9	123.2	109.9	97.1	84.7	72.5	60.7
65°	211.3	197.2	182.8	169.1	155.4	141.6	127.1	111.1	96.6	83.0	69.6
62.5°	238.0	222.7	206.6	190.1	174.5	159.3	143.9	126.2	108.6	93.2	78.5
60°	263.9	246.8	229.5	211.3	193.5	176.4	159.3	140.8	121.7	103.2	87.1
57.5°	287.8	269.7	250.3	231.3	212.1	193.1	174.2	154.6	134.4	114.1	95.5
55°	310.1	290.5	270.2	249.6	229.5	209.3	188.7	167.8	146.6	124.9	103.7
52.5°	331.1	310.6	289.1	267.1	245.4	224.6	202.9	180.6	158.1	135.3	112.7
50°	349.4	330.1	307.4	284.2	260.7	238.7	216.6	193.0	169.3	145.3	121.6
47.5°	364.8	347.1	325.1	300.7	275.9	252.5	229.4	205.1	180.0	154.8	130.0
45°	379.8	362.8	341.5	316.6	291.0	266.2	241.8	216.6	190.4	164.1	138.1
42.5°	394.0	376.9	357.1	331.9	305.4	279.4	253.8	227.6	200.4	172.9	145.8
40°	406.0	389.3	371.7	346.6	319.0	291.9	265.2	238.1	209.9	181.3	153.0
37.5°	417.6	400.6	382.4	360.4	331.8	303.6	275.9	248.2	219.1	189.4	159.9
35°	429.0	411.3	392.1	371.1	343.7	314.5	285.8	257.6	227.7	197.1	166.3
32.5°	439.1	420.9	401.0	379.8	354.6	324.6	295.1	265.9	235.6	204.5	172.2
30°	451.1	429.0	409.0	388.3	364.0	333.9	303.6	273.6	243.0	211.4	177.8
27.5°	462.7	436.8	416.1	395.4	371.3	342.3	311.6	280.8	249.7	217.6	183.3
25°	473.8	445.7	422.7	401.4	378.4	350.3	318.9	287.3	255.7	223.1	188.4
22.5°	486.6	453.8	429.0	406.5	385.1	357.6	325.5	293.2	260.9	228.0	193.1
20°	498.0	460.5	434.7	411.4	390.2	363.1	331.3	298.5	265.6	232.4	197.3
17.5°	509.1	468.1	440.3	416.1	393.9	367.9	336.5	303.1	269.8	236.2	201.1
15°	524.6	476.8	445.2	420.0	397.1	371.9	340.9	307.1	273.3	239.4	204.4
12.5°	537.8	484.1	449.2	423.3	399.7	375.3	344.6	310.4	276.2	242.2	207.4
10°	548.6	490.0	452.3	425.8	401.7	378.0	347.5	313.2	279.0	244.7	209.8
7.5°	556.8	494.4	454.5	427.6	403.1	379.9	350.1	315.6	281.2	246.6	211.7
5°	562.3	497.2	456.4	428.6	403.8	381.1	352.1	317.4	282.7	248.0	213.1
2.5°	565.2	498.5	457.8	428.9	404.0	381.5	353.3	318.4	283.7	248.8	213.9
0°	565.4	498.2	458.3	428.4	403.5	381.1	353.7	318.8	284.0	249.1	214.2
-2.5°	565.2	498.5	457.8	428.9	404.0	381.5	353.3	318.4	283.7	248.8	213.9
-5°	562.3	497.2	456.4	428.6	403.8	381.1	352.1	317.4	282.7	248.0	213.1
-7.5°	556.8	494.4	454.5	427.6	403.1	379.9	350.1	315.6	281.2	246.6	211.7
-10°	548.6	490.0	452.3	425.8	401.7	378.0	347.5	313.2	279.0	244.7	209.8
-12.5°	537.8	484.1	449.2	423.3	399.7	375.3	344.6	310.4	276.2	242.2	207.4
-15°	524.6	476.8	445.2	420.0	397.1	371.9	340.9	307.1	273.3	239.4	204.4
-17.5°	509.1	468.1	440.3	416.1	393.9	367.9	336.5	303.1	269.8	236.2	201.1
-20°	498.0	460.5	434.7	411.4	390.2	363.1	331.3	298.5	265.6	232.4	197.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	486.6	453.8	429.0	406.5	385.1	357.6	325.5	293.2	260.9	228.0	193.1
-25°	473.8	445.7	422.7	401.4	378.4	350.3	318.9	287.3	255.7	223.1	188.4
-27.5°	462.7	436.8	416.1	395.4	371.3	342.3	311.6	280.8	249.7	217.6	183.3
-30°	451.1	429.0	409.0	388.3	364.0	333.9	303.6	273.6	243.0	211.4	177.8
-32.5°	439.1	420.9	401.0	379.8	354.6	324.6	295.1	265.9	235.6	204.5	172.2
-35°	429.0	411.3	392.1	371.1	343.7	314.5	285.8	257.6	227.7	197.1	166.3
-37.5°	417.6	400.6	382.4	360.4	331.8	303.6	275.9	248.2	219.1	189.4	159.9
-40°	406.0	389.3	371.7	346.6	319.0	291.9	265.2	238.1	209.9	181.3	153.0
-42.5°	394.0	376.9	357.1	331.9	305.4	279.4	253.8	227.6	200.4	172.9	145.8
-45°	379.8	362.8	341.5	316.6	291.0	266.2	241.8	216.6	190.4	164.1	138.1
-47.5°	364.8	347.1	325.1	300.7	275.9	252.5	229.4	205.1	180.0	154.8	130.0
-50°	349.4	330.1	307.4	284.2	260.7	238.7	216.6	193.0	169.3	145.3	121.6
-52.5°	331.1	310.6	289.1	267.1	245.4	224.6	202.9	180.6	158.1	135.3	112.7
-55°	310.1	290.5	270.2	249.6	229.5	209.3	188.7	167.8	146.6	124.9	103.7
-57.5°	287.8	269.7	250.3	231.3	212.1	193.1	174.2	154.6	134.4	114.1	95.5
-60°	263.9	246.8	229.5	211.3	193.5	176.4	159.3	140.8	121.7	103.2	87.1
-62.5°	238.0	222.7	206.6	190.1	174.5	159.3	143.9	126.2	108.6	93.2	78.5
-65°	211.3	197.2	182.8	169.1	155.4	141.6	127.1	111.1	96.6	83.0	69.6
-67.5°	184.0	172.2	160.0	147.8	135.9	123.2	109.9	97.1	84.7	72.5	60.7
-70°	158.2	147.7	137.3	127.0	116.2	105.0	94.3	83.4	72.5	62.1	51.6
-72.5°	132.9	124.2	115.3	106.1	97.3	88.2	78.9	69.6	60.7	51.6	42.3
-75°	108.2	101.2	94.1	86.7	79.1	71.4	64.1	56.4	48.7	40.9	34.1
-77.5°	84.9	79.1	73.2	67.8	62.1	56.1	49.7	43.1	37.3	32.0	26.3
-80°	63.1	59.1	55.1	50.8	45.9	40.8	36.3	32.0	27.7	23.1	18.3
-82.5°	43.0	40.2	37.5	34.5	31.2	27.9	24.7	21.5	18.0	14.3	11.8
-85°	24.5	22.7	20.8	18.9	16.9	14.9	13.7	12.6	10.9	9.3	7.9
-87.5°	10.1	9.6	9.1	8.5	8.0	7.4	6.9	6.3	5.5	4.7	3.9
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.5	5.4	4.3	3.3	2.2	1.1	0.0
82.5°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
80°	13.3	10.8	8.6	6.5	4.3	2.2	0.0
77.5°	20.3	14.5	10.8	8.1	5.4	2.7	0.0
75°	27.2	20.3	13.3	9.7	6.5	3.2	0.0
72.5°	34.0	26.0	17.9	11.2	7.5	3.8	0.0
70°	40.9	31.6	22.4	13.1	8.5	4.3	0.0
67.5°	48.7	37.2	26.9	16.5	9.6	4.8	0.0
65°	56.3	43.0	31.2	19.8	10.6	5.3	0.0
62.5°	63.7	49.1	35.5	23.0	11.5	5.8	0.0
60°	70.9	55.1	39.7	26.1	12.5	6.2	0.0
57.5°	78.1	60.8	44.2	29.2	14.5	6.7	0.0
55°	85.3	66.4	48.7	32.2	16.4	7.2	0.0
52.5°	92.2	71.9	52.9	35.1	18.3	7.6	0.0
50°	99.0	77.6	57.1	37.8	20.1	8.0	0.0
47.5°	105.6	83.1	61.0	40.6	21.9	8.4	0.0
45°	112.5	88.4	64.8	43.4	23.5	8.8	0.0
42.5°	119.1	93.5	68.4	46.1	25.1	9.2	0.0
40°	125.3	98.4	72.1	48.6	26.6	9.6	0.0
37.5°	131.2	103.1	75.8	50.9	28.0	9.9	0.0
35°	136.7	107.6	79.3	53.1	29.3	10.2	0.0
32.5°	141.8	111.9	82.6	55.2	30.5	10.5	0.0
30°	146.6	115.9	85.7	57.1	31.6	10.8	0.0
27.5°	150.9	119.6	88.5	58.8	32.7	11.1	0.0
25°	154.9	123.0	91.0	60.4	33.6	11.3	0.0
22.5°	158.5	126.0	93.3	61.8	34.4	11.5	0.0
20°	161.6	128.5	95.3	63.1	35.1	11.7	0.0
17.5°	164.4	130.7	97.1	64.2	35.8	11.9	0.0
15°	167.0	132.6	98.6	65.2	36.3	12.1	0.0
12.5°	169.2	134.2	99.9	65.9	36.7	12.2	0.0
10°	171.0	135.4	100.8	66.6	37.1	12.3	0.0
7.5°	172.5	136.3	101.6	67.0	37.3	12.4	0.0
5°	173.5	136.9	102.0	67.3	37.4	12.5	0.0
2.5°	174.2	137.1	102.2	67.4	37.5	12.5	0.0
0°	174.4	137.0	102.1	67.3	37.4	12.5	0.0
-2.5°	174.2	137.1	102.2	67.4	37.5	12.5	0.0
-5°	173.5	136.9	102.0	67.3	37.4	12.5	0.0
-7.5°	172.5	136.3	101.6	67.0	37.3	12.4	0.0
-10°	171.0	135.4	100.8	66.6	37.1	12.3	0.0
-12.5°	169.2	134.2	99.9	65.9	36.7	12.2	0.0
-15°	167.0	132.6	98.6	65.2	36.3	12.1	0.0
-17.5°	164.4	130.7	97.1	64.2	35.8	11.9	0.0
-20°	161.6	128.5	95.3	63.1	35.1	11.7	0.0

Classified

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

Scaled Data Report



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CATALOG NUMBER: GFLD-SA2C-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	158.5	126.0	93.3	61.8	34.4	11.5	0.0
-25°	154.9	123.0	91.0	60.4	33.6	11.3	0.0
-27.5°	150.9	119.6	88.5	58.8	32.7	11.1	0.0
-30°	146.6	115.9	85.7	57.1	31.6	10.8	0.0
-32.5°	141.8	111.9	82.6	55.2	30.5	10.5	0.0
-35°	136.7	107.6	79.3	53.1	29.3	10.2	0.0
-37.5°	131.2	103.1	75.8	50.9	28.0	9.9	0.0
-40°	125.3	98.4	72.1	48.6	26.6	9.6	0.0
-42.5°	119.1	93.5	68.4	46.1	25.1	9.2	0.0
-45°	112.5	88.4	64.8	43.4	23.5	8.8	0.0
-47.5°	105.6	83.1	61.0	40.6	21.9	8.4	0.0
-50°	99.0	77.6	57.1	37.8	20.1	8.0	0.0
-52.5°	92.2	71.9	52.9	35.1	18.3	7.6	0.0
-55°	85.3	66.4	48.7	32.2	16.4	7.2	0.0
-57.5°	78.1	60.8	44.2	29.2	14.5	6.7	0.0
-60°	70.9	55.1	39.7	26.1	12.5	6.2	0.0
-62.5°	63.7	49.1	35.5	23.0	11.5	5.8	0.0
-65°	56.3	43.0	31.2	19.8	10.6	5.3	0.0
-67.5°	48.7	37.2	26.9	16.5	9.6	4.8	0.0
-70°	40.9	31.6	22.4	13.1	8.5	4.3	0.0
-72.5°	34.0	26.0	17.9	11.2	7.5	3.8	0.0
-75°	27.2	20.3	13.3	9.7	6.5	3.2	0.0
-77.5°	20.3	14.5	10.8	8.1	5.4	2.7	0.0
-80°	13.3	10.8	8.6	6.5	4.3	2.2	0.0
-82.5°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
-85°	6.5	5.4	4.3	3.3	2.2	1.1	0.0
-87.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)