

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: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-750-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N126
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

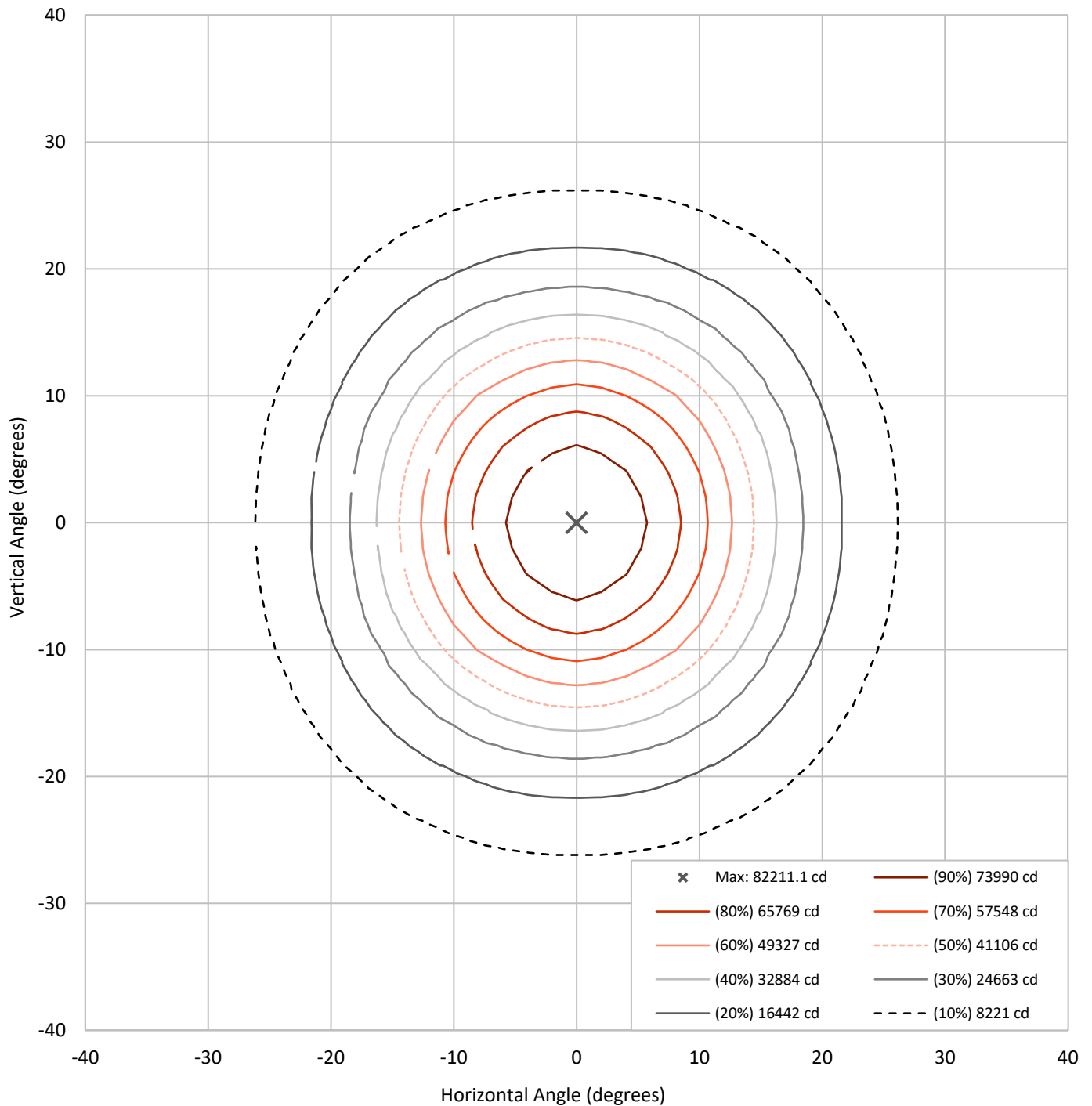
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25685.6 lumens	Max Intensity:	82211.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	161.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12488 lumens	Field Lumens:	21074.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	158.7		
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





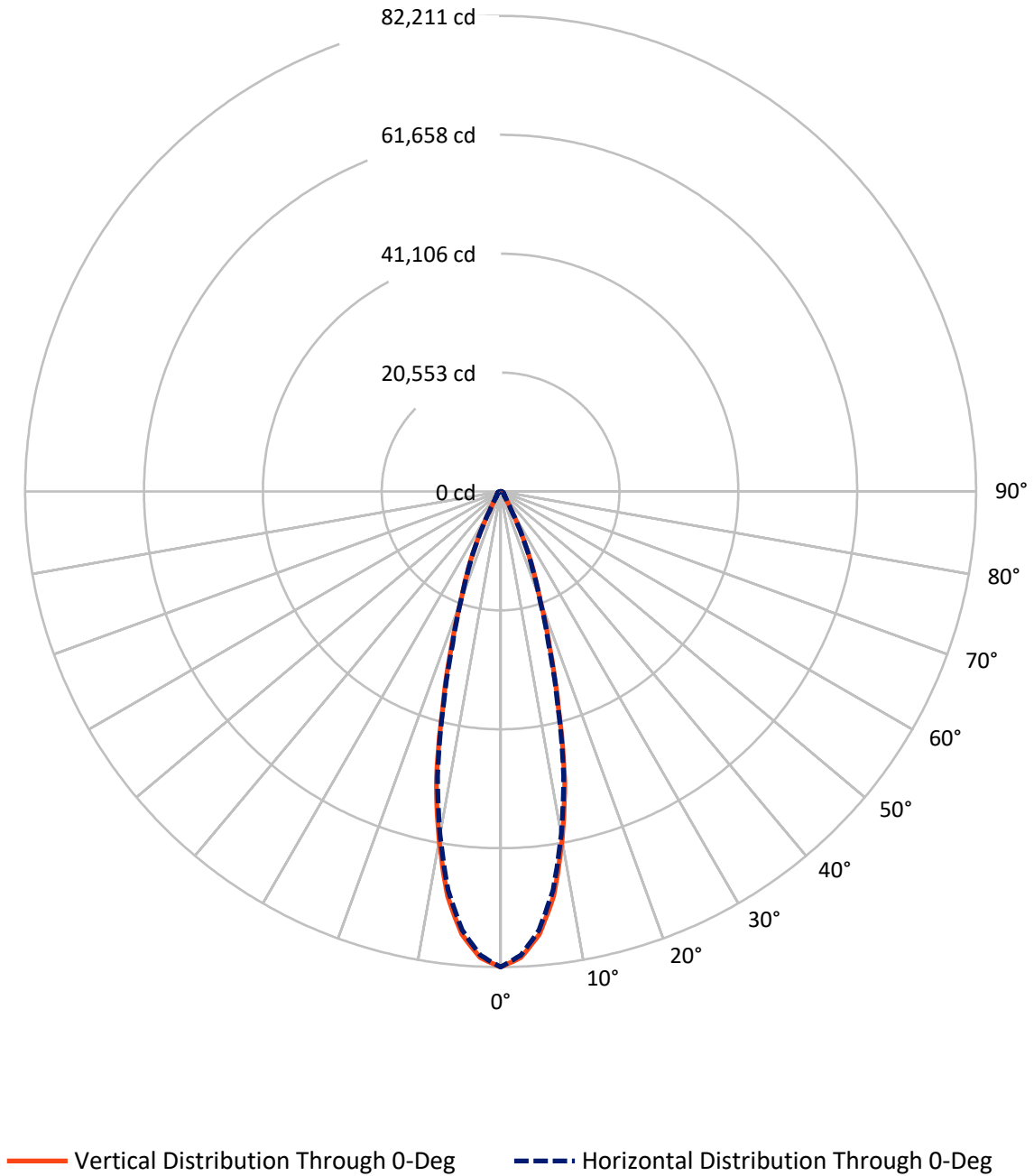
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Lumen Table

90	0.5	4.2		11.2		17.6		19.6		17.6		11.2		4.2		0.5			
80	0.5	4.2		11.2		17.6		19.6		17.6		11.2		4.2		0.5			
70	1.9	2.2	4.4	7.3	10.2	12.4	13.9	14.6	14.6	13.9	12.4	10.2	7.3	4.4	2.2	1.9			
60		3.3	6.6	10.7	14.4	17.7	19.8	20.5	20.5	19.8	17.7	14.4	10.7	6.6	3.3				
50	3.4	4.2	8.5	13.2	17.6	22.3	26.1	28.1	28.1	26.1	22.3	17.6	13.2	8.5	4.2	3.4			
40		5.0	10.0	15.3	21.6	30.8	44.5	57.8	57.8	44.5	30.8	21.6	15.3	10.0	5.0				
30	4.3	5.6	10.9	17.2	27.6	60.1	169.1	299.8	299.8	169.1	60.1	27.6	17.2	10.9	5.6	4.3			
20		6.0	11.5	18.7	37.6	157.7	561.9	1076.7	1076.7	561.9	157.7	37.6	18.7	11.5	6.0				
10	4.7	6.2	11.7	19.7	47.8	272.1	1040.0	2045.6	2045.6	1040.0	272.1	47.8	19.7	11.7	6.2	4.7			
0		6.2	11.7	19.7	47.8	272.1	1040.0	2045.6	2045.6	1040.0	272.1	47.8	19.7	11.7	6.2				
-10	4.3	6.0	11.5	18.7	37.6	157.7	561.9	1076.7	1076.7	561.9	157.7	37.6	18.7	11.5	6.0	4.3			
-20		5.6	10.9	17.2	27.6	60.1	169.1	299.8	299.8	169.1	60.1	27.6	17.2	10.9	5.6				
-30	3.4	5.0	10.0	15.3	21.6	30.8	44.5	57.8	57.8	44.5	30.8	21.6	15.3	10.0	5.0	3.4			
-40		4.2	8.5	13.2	17.6	22.3	26.1	28.1	28.1	26.1	22.3	17.6	13.2	8.5	4.2				
-50	1.9	3.3	6.6	10.7	14.4	17.7	19.8	20.5	20.5	19.8	17.7	14.4	10.7	6.6	3.3	1.9			
-60		2.2	4.4	7.3	10.2	12.4	13.9	14.6	14.6	13.9	12.4	10.2	7.3	4.4	2.2				
-70	0.5	4.2		11.2		17.6		19.6		17.6		11.2		4.2		0.5			
-80		4.2		11.2		17.6		19.6		17.6		11.2		4.2					
-90	0.5	4.2		11.2		17.6		19.6		17.6		11.2		4.2		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

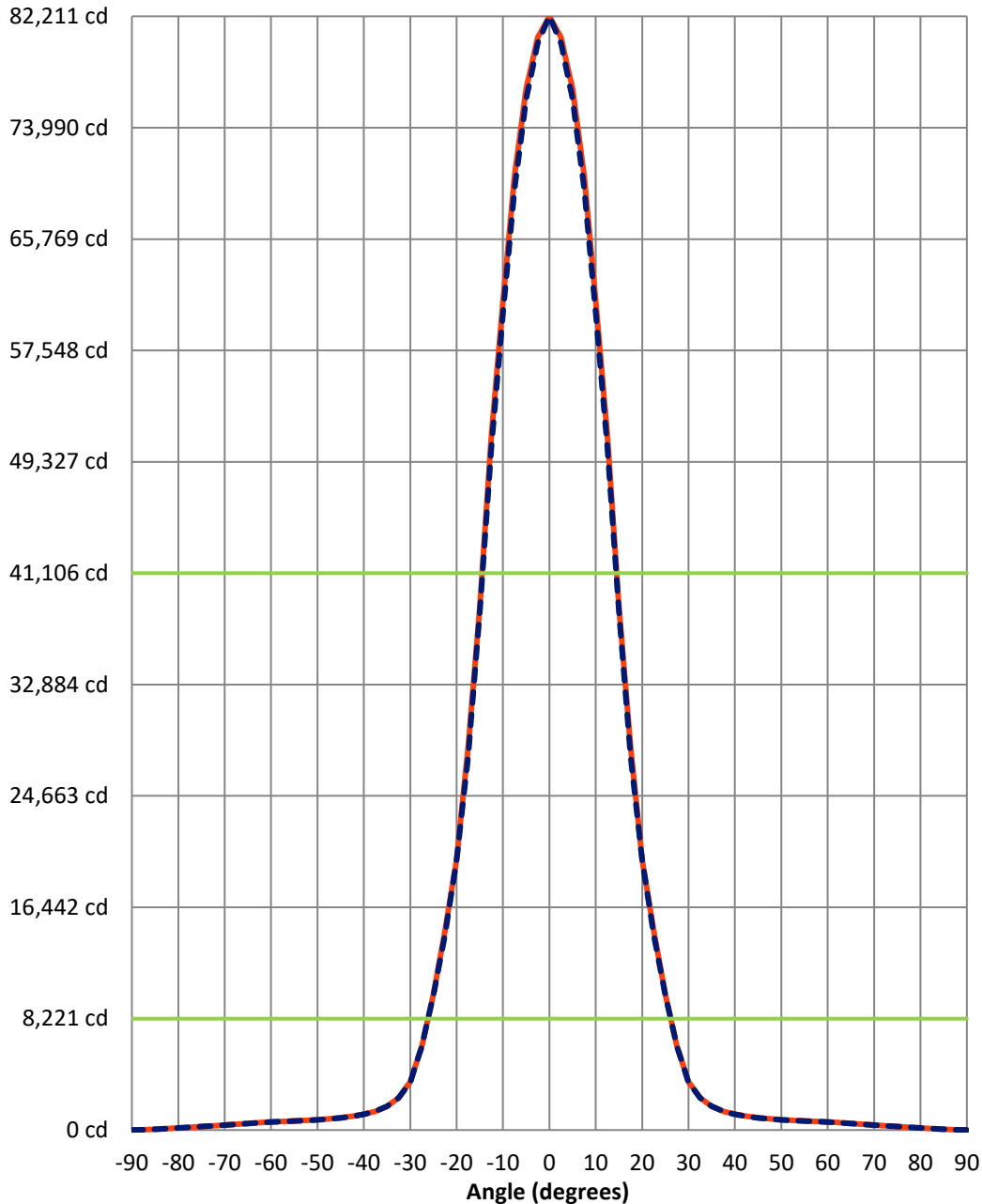
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12488
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 21074.6
 Efficiency: 82.0%

Spill:
 Lumens: 4610.9
 Efficiency: 18.0%

— 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	0.9	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	2.8	5.5	8.2	11.0	13.7	16.3	19.0	22.0	27.0	32.3
80°	0.0	3.7	7.3	11.0	14.6	18.2	22.2	28.6	35.4	42.4	49.8
77.5°	0.0	4.6	9.1	13.7	18.2	23.8	31.6	39.8	48.5	57.7	67.7
75°	0.0	5.5	10.9	16.3	22.2	31.6	40.9	50.9	61.8	74.6	87.2
72.5°	0.0	6.3	12.7	19.0	28.4	39.3	50.1	62.5	77.4	92.0	106.5
70°	0.0	7.2	14.4	22.0	34.5	46.9	59.5	76.0	92.7	109.3	127.2
67.5°	0.0	8.1	16.1	26.5	40.4	54.3	71.0	89.2	107.8	128.1	148.1
65°	0.0	8.9	17.8	30.9	46.3	62.7	82.3	102.2	124.4	146.6	169.1
62.5°	0.0	9.7	19.5	35.2	52.1	72.0	93.4	116.0	140.5	165.0	190.7
60°	0.0	10.5	21.1	39.4	57.7	81.0	104.3	129.9	156.4	183.6	211.6
57.5°	0.0	11.3	23.8	43.6	64.7	89.9	115.7	143.4	172.1	201.6	232.4
55°	0.0	12.1	26.5	47.6	71.6	98.5	126.8	156.6	187.3	219.2	252.8
52.5°	0.0	12.8	29.1	51.5	78.3	106.9	137.6	169.4	202.0	237.0	272.6
50°	0.0	13.6	31.6	55.2	84.8	115.4	147.9	181.7	216.3	254.2	290.9
47.5°	0.0	14.3	34.0	59.1	91.0	123.6	157.8	193.6	231.1	270.8	308.2
45°	0.0	14.9	36.4	63.6	97.0	131.3	167.6	205.1	245.3	285.5	324.6
42.5°	0.0	15.6	38.6	67.9	102.8	138.7	176.9	216.5	258.8	299.3	339.7
40°	0.0	16.2	40.7	72.0	108.3	145.7	185.8	227.6	271.2	312.2	353.9
37.5°	0.0	16.7	42.7	75.8	113.6	152.2	194.3	238.0	282.2	324.7	367.4
35°	0.0	17.3	44.6	79.3	118.5	158.7	202.3	247.7	292.5	336.4	380.0
32.5°	0.0	17.8	46.4	82.6	123.1	164.9	209.9	256.6	302.2	347.4	392.3
30°	0.0	18.3	48.1	85.6	127.3	170.7	217.0	264.8	311.2	357.6	403.7
27.5°	0.0	18.7	49.6	88.3	131.2	176.0	223.5	272.0	319.5	367.0	414.2
25°	0.0	19.1	51.1	90.7	134.8	180.9	229.4	278.5	327.0	375.5	423.8
22.5°	0.0	19.5	52.4	92.9	138.0	185.3	234.7	284.4	333.8	383.2	433.5
20°	0.0	19.8	53.5	94.8	141.0	189.2	239.3	289.6	339.9	390.1	442.0
17.5°	0.0	20.1	54.6	96.4	143.7	192.4	243.5	294.2	345.1	396.0	449.5
15°	0.0	20.4	55.5	97.8	146.1	195.2	247.3	298.3	349.5	401.0	455.8
12.5°	0.0	20.6	56.2	98.9	148.2	197.3	250.7	302.3	353.7	405.2	461.1
10°	0.0	20.8	56.9	99.7	149.9	199.0	253.4	305.5	357.4	410.1	465.9
7.5°	0.0	20.9	57.4	100.2	151.2	200.1	255.7	308.0	360.3	414.5	471.2
5°	0.0	21.0	57.7	100.5	152.2	200.7	257.3	309.9	362.4	418.0	475.4
2.5°	0.0	21.1	57.9	100.5	152.8	200.9	258.3	310.9	363.7	420.6	478.4
0°	0.0	21.1	58.0	100.3	153.0	200.5	258.6	311.3	364.1	422.2	480.2
-2.5°	0.0	21.1	57.9	100.5	152.8	200.9	258.3	310.9	363.7	420.6	478.4
-5°	0.0	21.0	57.7	100.5	152.2	200.7	257.3	309.9	362.4	418.0	475.4
-7.5°	0.0	20.9	57.4	100.2	151.2	200.1	255.7	308.0	360.3	414.5	471.2
-10°	0.0	20.8	56.9	99.7	149.9	199.0	253.4	305.5	357.4	410.1	465.9
-12.5°	0.0	20.6	56.2	98.9	148.2	197.3	250.7	302.3	353.7	405.2	461.1
-15°	0.0	20.4	55.5	97.8	146.1	195.2	247.3	298.3	349.5	401.0	455.8
-17.5°	0.0	20.1	54.6	96.4	143.7	192.4	243.5	294.2	345.1	396.0	449.5
-20°	0.0	19.8	53.5	94.8	141.0	189.2	239.3	289.6	339.9	390.1	442.0

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CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.5	52.4	92.9	138.0	185.3	234.7	284.4	333.8	383.2	433.5
-25°	0.0	19.1	51.1	90.7	134.8	180.9	229.4	278.5	327.0	375.5	423.8
-27.5°	0.0	18.7	49.6	88.3	131.2	176.0	223.5	272.0	319.5	367.0	414.2
-30°	0.0	18.3	48.1	85.6	127.3	170.7	217.0	264.8	311.2	357.6	403.7
-32.5°	0.0	17.8	46.4	82.6	123.1	164.9	209.9	256.6	302.2	347.4	392.3
-35°	0.0	17.3	44.6	79.3	118.5	158.7	202.3	247.7	292.5	336.4	380.0
-37.5°	0.0	16.7	42.7	75.8	113.6	152.2	194.3	238.0	282.2	324.7	367.4
-40°	0.0	16.2	40.7	72.0	108.3	145.7	185.8	227.6	271.2	312.2	353.9
-42.5°	0.0	15.6	38.6	67.9	102.8	138.7	176.9	216.5	258.8	299.3	339.7
-45°	0.0	14.9	36.4	63.6	97.0	131.3	167.6	205.1	245.3	285.5	324.6
-47.5°	0.0	14.3	34.0	59.1	91.0	123.6	157.8	193.6	231.1	270.8	308.2
-50°	0.0	13.6	31.6	55.2	84.8	115.4	147.9	181.7	216.3	254.2	290.9
-52.5°	0.0	12.8	29.1	51.5	78.3	106.9	137.6	169.4	202.0	237.0	272.6
-55°	0.0	12.1	26.5	47.6	71.6	98.5	126.8	156.6	187.3	219.2	252.8
-57.5°	0.0	11.3	23.8	43.6	64.7	89.9	115.7	143.4	172.1	201.6	232.4
-60°	0.0	10.5	21.1	39.4	57.7	81.0	104.3	129.9	156.4	183.6	211.6
-62.5°	0.0	9.7	19.5	35.2	52.1	72.0	93.4	116.0	140.5	165.0	190.7
-65°	0.0	8.9	17.8	30.9	46.3	62.7	82.3	102.2	124.4	146.6	169.1
-67.5°	0.0	8.1	16.1	26.5	40.4	54.3	71.0	89.2	107.8	128.1	148.1
-70°	0.0	7.2	14.4	22.0	34.5	46.9	59.5	76.0	92.7	109.3	127.2
-72.5°	0.0	6.3	12.7	19.0	28.4	39.3	50.1	62.5	77.4	92.0	106.5
-75°	0.0	5.5	10.9	16.3	22.2	31.6	40.9	50.9	61.8	74.6	87.2
-77.5°	0.0	4.6	9.1	13.7	18.2	23.8	31.6	39.8	48.5	57.7	67.7
-80°	0.0	3.7	7.3	11.0	14.6	18.2	22.2	28.6	35.4	42.4	49.8
-82.5°	0.0	2.8	5.5	8.2	11.0	13.7	16.3	19.0	22.0	27.0	32.3
-85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
-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):

	-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°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
85°	19.5	21.1	24.2	27.3	30.2	33.1	35.9	38.5	41.1	43.5	45.8
82.5°	37.2	42.1	46.8	51.4	55.8	60.1	64.3	68.3	72.1	75.8	79.2
80°	56.5	63.0	69.5	75.5	81.3	87.1	92.6	98.0	103.1	108.5	114.3
77.5°	77.0	85.2	92.7	99.6	107.0	116.0	124.7	133.0	141.0	148.7	155.9
75°	98.0	107.4	117.7	127.9	138.6	149.4	159.8	169.9	179.8	189.8	199.9
72.5°	120.2	133.0	145.4	157.5	170.9	184.0	196.1	207.0	219.5	233.1	245.6
70°	143.7	158.5	174.2	189.7	204.8	219.5	234.4	249.3	264.5	279.2	293.2
67.5°	167.4	185.9	204.0	221.7	238.8	256.3	274.0	292.1	309.5	326.2	342.5
65°	192.5	213.3	233.5	253.2	272.4	293.7	314.7	334.9	357.0	377.5	395.3
62.5°	217.0	240.2	262.6	284.9	308.2	331.8	356.0	381.5	407.8	426.8	443.2
60°	240.5	266.7	291.7	317.2	343.2	369.9	397.8	424.9	448.9	469.7	486.9
57.5°	263.6	292.9	320.5	348.3	376.7	407.0	437.7	465.4	487.8	507.7	526.6
55°	285.8	318.3	347.7	377.3	409.5	445.1	476.5	501.5	524.4	540.9	558.9
52.5°	307.0	341.7	372.5	405.7	442.6	479.4	510.7	535.0	554.2	571.3	588.9
50°	327.3	362.2	396.4	434.1	473.0	510.0	541.7	564.0	583.3	601.2	618.1
47.5°	345.7	382.0	420.5	460.8	501.6	538.1	568.5	591.2	611.3	629.6	648.2
45°	363.0	402.0	443.0	487.1	528.9	565.1	592.7	617.1	636.4	657.0	680.4
42.5°	379.6	421.2	465.8	512.8	555.4	588.5	615.3	638.7	661.0	685.8	711.8
40°	395.8	439.2	487.5	536.8	580.2	608.9	635.8	660.6	686.3	714.3	742.7
37.5°	411.0	457.6	507.7	559.2	598.5	628.3	656.0	683.7	712.5	742.7	778.0
35°	424.9	474.6	527.1	576.9	614.5	647.1	676.8	706.8	739.0	776.0	814.8
32.5°	438.5	490.0	545.1	591.8	629.2	663.9	696.7	730.7	767.6	808.2	852.7
30°	451.9	505.1	560.8	607.0	642.3	677.8	716.3	754.1	795.1	840.3	892.5
27.5°	464.8	519.0	574.0	618.9	653.8	689.9	731.2	777.1	822.0	871.4	931.9
25°	476.7	533.4	587.0	628.4	663.7	701.5	744.6	793.5	846.3	905.0	979.2
22.5°	487.9	546.4	599.4	636.4	671.9	711.7	758.0	809.7	867.1	935.1	1025.8
20°	498.4	556.5	607.6	643.8	678.7	719.8	769.6	824.1	889.5	972.0	1080.4
17.5°	507.6	565.1	613.2	649.9	685.8	728.1	779.4	836.2	909.7	1004.6	1132.8
15°	515.5	572.1	618.1	654.6	691.9	736.7	789.6	851.4	931.9	1036.5	1178.1
12.5°	521.9	577.6	622.2	657.9	696.7	743.0	798.2	866.0	954.0	1071.3	1239.2
10°	527.0	581.5	625.4	660.0	700.0	747.2	804.9	877.4	972.0	1100.3	1291.5
7.5°	532.0	585.0	627.7	660.9	701.9	749.3	809.6	885.5	985.1	1122.1	1333.2
5°	535.5	588.3	629.1	662.9	703.1	750.3	812.8	890.2	993.3	1136.6	1362.6
2.5°	537.6	590.3	629.1	664.4	703.2	750.7	816.6	892.8	1002.4	1148.7	1379.4
0°	538.3	591.0	628.0	664.9	701.8	749.3	817.9	891.8	1007.9	1155.7	1382.6
-2.5°	537.6	590.3	629.1	664.4	703.2	750.7	816.6	892.8	1002.4	1148.7	1379.4
-5°	535.5	588.3	629.1	662.9	703.1	750.3	812.8	890.2	993.3	1136.6	1362.6
-7.5°	532.0	585.0	627.7	660.9	701.9	749.3	809.6	885.5	985.1	1122.1	1333.2
-10°	527.0	581.5	625.4	660.0	700.0	747.2	804.9	877.4	972.0	1100.3	1291.5
-12.5°	521.9	577.6	622.2	657.9	696.7	743.0	798.2	866.0	954.0	1071.3	1239.2
-15°	515.5	572.1	618.1	654.6	691.9	736.7	789.6	851.4	931.9	1036.5	1178.1
-17.5°	507.6	565.1	613.2	649.9	685.8	728.1	779.4	836.2	909.7	1004.6	1132.8
-20°	498.4	556.5	607.6	643.8	678.7	719.8	769.6	824.1	889.5	972.0	1080.4



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	487.9	546.4	599.4	636.4	671.9	711.7	758.0	809.7	867.1	935.1	1025.8
-25°	476.7	533.4	587.0	628.4	663.7	701.5	744.6	793.5	846.3	905.0	979.2
-27.5°	464.8	519.0	574.0	618.9	653.8	689.9	731.2	777.1	822.0	871.4	931.9
-30°	451.9	505.1	560.8	607.0	642.3	677.8	716.3	754.1	795.1	840.3	892.5
-32.5°	438.5	490.0	545.1	591.8	629.2	663.9	696.7	730.7	767.6	808.2	852.7
-35°	424.9	474.6	527.1	576.9	614.5	647.1	676.8	706.8	739.0	776.0	814.8
-37.5°	411.0	457.6	507.7	559.2	598.5	628.3	656.0	683.7	712.5	742.7	778.0
-40°	395.8	439.2	487.5	536.8	580.2	608.9	635.8	660.6	686.3	714.3	742.7
-42.5°	379.6	421.2	465.8	512.8	555.4	588.5	615.3	638.7	661.0	685.8	711.8
-45°	363.0	402.0	443.0	487.1	528.9	565.1	592.7	617.1	636.4	657.0	680.4
-47.5°	345.7	382.0	420.5	460.8	501.6	538.1	568.5	591.2	611.3	629.6	648.2
-50°	327.3	362.2	396.4	434.1	473.0	510.0	541.7	564.0	583.3	601.2	618.1
-52.5°	307.0	341.7	372.5	405.7	442.6	479.4	510.7	535.0	554.2	571.3	588.9
-55°	285.8	318.3	347.7	377.3	409.5	445.1	476.5	501.5	524.4	540.9	558.9
-57.5°	263.6	292.9	320.5	348.3	376.7	407.0	437.7	465.4	487.8	507.7	526.6
-60°	240.5	266.7	291.7	317.2	343.2	369.9	397.8	424.9	448.9	469.7	486.9
-62.5°	217.0	240.2	262.6	284.9	308.2	331.8	356.0	381.5	407.8	426.8	443.2
-65°	192.5	213.3	233.5	253.2	272.4	293.7	314.7	334.9	357.0	377.5	395.3
-67.5°	167.4	185.9	204.0	221.7	238.8	256.3	274.0	292.1	309.5	326.2	342.5
-70°	143.7	158.5	174.2	189.7	204.8	219.5	234.4	249.3	264.5	279.2	293.2
-72.5°	120.2	133.0	145.4	157.5	170.9	184.0	196.1	207.0	219.5	233.1	245.6
-75°	98.0	107.4	117.7	127.9	138.6	149.4	159.8	169.9	179.8	189.8	199.9
-77.5°	77.0	85.2	92.7	99.6	107.0	116.0	124.7	133.0	141.0	148.7	155.9
-80°	56.5	63.0	69.5	75.5	81.3	87.1	92.6	98.0	103.1	108.5	114.3
-82.5°	37.2	42.1	46.8	51.4	55.8	60.1	64.3	68.3	72.1	75.8	79.2
-85°	19.5	21.1	24.2	27.3	30.2	33.1	35.9	38.5	41.1	43.5	45.8
-87.5°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
-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: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	20.6	20.8
85°	48.0	50.1	52.0	53.7	55.4	55.8	55.9	55.8	55.5	56.2	56.9
82.5°	82.5	86.2	90.0	93.7	97.3	98.7	99.6	100.3	100.7	102.1	103.3
80°	119.8	125.7	131.1	136.0	140.3	143.3	146.1	148.7	151.0	152.1	152.6
77.5°	163.2	170.3	177.0	183.1	188.8	193.3	196.9	199.9	202.1	203.6	204.5
75°	209.9	218.9	226.9	234.3	241.1	245.9	249.2	251.7	253.3	255.1	256.5
72.5°	257.0	267.2	276.7	285.7	293.5	299.1	302.9	306.0	308.4	310.1	311.0
70°	306.6	318.8	329.3	338.2	345.3	350.6	354.8	358.1	360.7	362.4	363.4
67.5°	357.9	371.0	380.8	388.6	395.0	400.6	405.7	409.5	412.1	414.6	417.3
65°	410.2	423.5	433.6	441.8	448.6	455.8	462.4	467.3	470.6	473.6	476.6
62.5°	459.4	474.4	486.0	496.9	507.9	518.3	524.3	529.0	532.3	535.2	538.7
60°	504.0	521.1	535.3	548.5	561.9	575.4	581.0	585.3	589.5	593.3	596.8
57.5°	543.7	561.8	579.1	592.1	605.0	617.6	626.3	631.1	634.3	636.1	637.5
55°	578.2	596.3	613.6	628.6	642.5	655.5	665.2	669.9	673.3	675.6	676.9
52.5°	609.2	628.5	647.0	663.6	678.6	692.6	704.7	711.2	716.4	720.1	721.3
50°	639.5	660.5	680.4	698.2	715.7	732.5	747.9	756.8	763.1	767.0	768.2
47.5°	671.2	694.0	715.6	736.2	756.1	776.0	794.2	806.4	815.4	822.1	826.8
45°	704.3	728.7	752.6	777.0	799.9	825.4	848.5	866.3	879.4	890.8	899.8
42.5°	737.5	765.0	792.4	823.8	855.1	884.1	911.7	935.2	956.6	977.6	994.0
40°	773.6	803.7	841.3	878.5	917.0	950.9	991.0	1026.9	1059.9	1095.5	1124.9
37.5°	813.1	851.8	896.3	940.9	991.0	1039.6	1095.6	1150.8	1198.8	1261.2	1311.2
35°	856.1	905.2	957.7	1017.5	1082.1	1158.4	1236.8	1328.8	1406.9	1506.0	1597.5
32.5°	904.0	961.7	1029.8	1112.1	1199.3	1321.8	1436.7	1592.6	1725.9	1897.9	2085.8
30°	952.8	1027.3	1120.0	1226.2	1373.8	1547.6	1750.2	2013.8	2299.0	2594.1	2991.2
27.5°	1010.5	1107.3	1223.1	1387.1	1607.8	1848.4	2261.3	2707.1	3328.2	3819.8	4695.5
25°	1072.7	1192.6	1363.5	1601.3	1906.2	2393.2	3090.1	3897.2	5139.9	6245.3	7515.7
22.5°	1146.4	1309.2	1535.5	1846.8	2378.5	3216.3	4304.1	5961.4	7803.7	9622.0	11283.9
20°	1224.5	1421.0	1737.5	2244.6	3066.4	4277.8	6218.7	8586.8	11032.5	13524.4	15624.3
17.5°	1315.6	1582.5	1999.4	2672.9	3845.3	5919.4	8511.7	11522.9	14718.2	17897.9	20659.9
15°	1393.9	1723.6	2285.1	3293.9	5042.1	7636.4	10822.5	14625.5	18643.8	22770.4	27242.8
12.5°	1493.8	1893.8	2579.4	3807.3	6104.0	9475.9	13374.5	17789.9	22696.6	28175.7	35148.4
10°	1585.4	2072.2	2966.6	4629.8	7380.5	11194.3	15578.8	20588.3	26952.7	35186.5	43597.1
7.5°	1658.9	2213.7	3266.9	5271.7	8450.9	12662.3	17563.7	23569.7	31509.8	41314.4	50924.0
5°	1710.0	2311.7	3481.7	5756.7	9312.1	13784.2	18972.2	25767.5	35351.0	46330.4	56142.5
2.5°	1742.1	2365.4	3586.8	6044.6	9873.8	14459.3	19850.9	27164.3	37705.2	49523.5	59457.9
0°	1757.3	2374.7	3519.8	6184.7	9952.5	14411.6	19931.4	27630.6	38263.9	50390.5	60285.0
-2.5°	1742.1	2365.4	3586.8	6044.6	9873.8	14459.3	19850.9	27164.3	37705.2	49523.5	59457.9
-5°	1710.0	2311.7	3481.7	5756.7	9312.1	13784.2	18972.2	25767.5	35351.0	46330.4	56142.5
-7.5°	1658.9	2213.7	3266.9	5271.7	8450.9	12662.3	17563.7	23569.7	31509.8	41314.4	50924.0
-10°	1585.4	2072.2	2966.6	4629.8	7380.5	11194.3	15578.8	20588.3	26952.7	35186.5	43597.1
-12.5°	1493.8	1893.8	2579.4	3807.3	6104.0	9475.9	13374.5	17789.9	22696.6	28175.7	35148.4
-15°	1393.9	1723.6	2285.1	3293.9	5042.1	7636.4	10822.5	14625.5	18643.8	22770.4	27242.8
-17.5°	1315.6	1582.5	1999.4	2672.9	3845.3	5919.4	8511.7	11522.9	14718.2	17897.9	20659.9
-20°	1224.5	1421.0	1737.5	2244.6	3066.4	4277.8	6218.7	8586.8	11032.5	13524.4	15624.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1146.4	1309.2	1535.5	1846.8	2378.5	3216.3	4304.1	5961.4	7803.7	9622.0	11283.9
-25°	1072.7	1192.6	1363.5	1601.3	1906.2	2393.2	3090.1	3897.2	5139.9	6245.3	7515.7
-27.5°	1010.5	1107.3	1223.1	1387.1	1607.8	1848.4	2261.3	2707.1	3328.2	3819.8	4695.5
-30°	952.8	1027.3	1120.0	1226.2	1373.8	1547.6	1750.2	2013.8	2299.0	2594.1	2991.2
-32.5°	904.0	961.7	1029.8	1112.1	1199.3	1321.8	1436.7	1592.6	1725.9	1897.9	2085.8
-35°	856.1	905.2	957.7	1017.5	1082.1	1158.4	1236.8	1328.8	1406.9	1506.0	1597.5
-37.5°	813.1	851.8	896.3	940.9	991.0	1039.6	1095.6	1150.8	1198.8	1261.2	1311.2
-40°	773.6	803.7	841.3	878.5	917.0	950.9	991.0	1026.9	1059.9	1095.5	1124.9
-42.5°	737.5	765.0	792.4	823.8	855.1	884.1	911.7	935.2	956.6	977.6	994.0
-45°	704.3	728.7	752.6	777.0	799.9	825.4	848.5	866.3	879.4	890.8	899.8
-47.5°	671.2	694.0	715.6	736.2	756.1	776.0	794.2	806.4	815.4	822.1	826.8
-50°	639.5	660.5	680.4	698.2	715.7	732.5	747.9	756.8	763.1	767.0	768.2
-52.5°	609.2	628.5	647.0	663.6	678.6	692.6	704.7	711.2	716.4	720.1	721.3
-55°	578.2	596.3	613.6	628.6	642.5	655.5	665.2	669.9	673.3	675.6	676.9
-57.5°	543.7	561.8	579.1	592.1	605.0	617.6	626.3	631.1	634.3	636.1	637.5
-60°	504.0	521.1	535.3	548.5	561.9	575.4	581.0	585.3	589.5	593.3	596.8
-62.5°	459.4	474.4	486.0	496.9	507.9	518.3	524.3	529.0	532.3	535.2	538.7
-65°	410.2	423.5	433.6	441.8	448.6	455.8	462.4	467.3	470.6	473.6	476.6
-67.5°	357.9	371.0	380.8	388.6	395.0	400.6	405.7	409.5	412.1	414.6	417.3
-70°	306.6	318.8	329.3	338.2	345.3	350.6	354.8	358.1	360.7	362.4	363.4
-72.5°	257.0	267.2	276.7	285.7	293.5	299.1	302.9	306.0	308.4	310.1	311.0
-75°	209.9	218.9	226.9	234.3	241.1	245.9	249.2	251.7	253.3	255.1	256.5
-77.5°	163.2	170.3	177.0	183.1	188.8	193.3	196.9	199.9	202.1	203.6	204.5
-80°	119.8	125.7	131.1	136.0	140.3	143.3	146.1	148.7	151.0	152.1	152.6
-82.5°	82.5	86.2	90.0	93.7	97.3	98.7	99.6	100.3	100.7	102.1	103.3
-85°	48.0	50.1	52.0	53.7	55.4	55.8	55.9	55.8	55.5	56.2	56.9
-87.5°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	20.6	20.8
-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: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	20.9	21.0	21.1	21.1	21.1	21.0	20.9	20.8	20.6	20.4	20.1
85°	57.4	57.7	57.9	58.0	57.9	57.7	57.4	56.9	56.2	55.5	55.8
82.5°	104.3	105.0	105.4	105.5	105.4	105.0	104.3	103.3	102.1	100.7	100.3
80°	152.7	152.3	152.8	153.0	152.8	152.3	152.7	152.6	152.1	151.0	148.7
77.5°	204.9	204.8	205.5	205.8	205.5	204.8	204.9	204.5	203.6	202.1	199.9
75°	257.3	257.5	258.3	258.6	258.3	257.5	257.3	256.5	255.1	253.3	251.7
72.5°	311.0	310.1	310.9	311.3	310.9	310.1	311.0	311.0	310.1	308.4	306.0
70°	363.5	362.8	366.1	369.4	366.1	362.8	363.5	363.4	362.4	360.7	358.1
67.5°	419.2	420.3	424.1	427.4	424.1	420.3	419.2	417.3	414.6	412.1	409.5
65°	478.2	478.4	482.0	485.5	482.0	478.4	478.2	476.6	473.6	470.6	467.3
62.5°	540.7	541.3	545.1	548.8	545.1	541.3	540.7	538.7	535.2	532.3	529.0
60°	598.9	599.5	600.9	601.6	600.9	599.5	598.9	596.8	593.3	589.5	585.3
57.5°	638.0	637.4	638.0	638.5	638.0	637.4	638.0	637.5	636.1	634.3	631.1
55°	676.7	674.9	672.9	670.2	672.9	674.9	676.7	676.9	675.6	673.3	669.9
52.5°	720.3	717.6	715.0	712.4	715.0	717.6	720.3	721.3	720.1	716.4	711.2
50°	767.4	764.9	762.5	759.9	762.5	764.9	767.4	768.2	767.0	763.1	756.8
47.5°	830.1	831.2	830.7	828.5	830.7	831.2	830.1	826.8	822.1	815.4	806.4
45°	906.3	909.3	909.6	907.7	909.6	909.3	906.3	899.8	890.8	879.4	866.3
42.5°	1005.6	1012.2	1016.0	1018.5	1016.0	1012.2	1005.6	994.0	977.6	956.6	935.2
40°	1146.4	1160.0	1168.7	1176.8	1168.7	1160.0	1146.4	1124.9	1095.5	1059.9	1026.9
37.5°	1348.3	1373.0	1384.1	1377.3	1384.1	1373.0	1348.3	1311.2	1261.2	1198.8	1150.8
35°	1667.9	1715.0	1739.4	1741.4	1739.4	1715.0	1667.9	1597.5	1506.0	1406.9	1328.8
32.5°	2224.6	2320.9	2372.7	2379.9	2372.7	2320.9	2224.6	2085.8	1897.9	1725.9	1592.6
30°	3295.2	3491.6	3583.9	3562.0	3583.9	3491.6	3295.2	2991.2	2594.1	2299.0	2013.8
27.5°	5376.3	5866.1	6156.4	6179.4	6156.4	5866.1	5376.3	4695.5	3819.8	3328.2	2707.1
25°	8640.9	9477.0	10012.5	10021.1	10012.5	9477.0	8640.9	7515.7	6245.3	5139.9	3897.2
22.5°	12820.6	13962.0	14587.4	14696.6	14587.4	13962.0	12820.6	11283.9	9622.0	7803.7	5961.4
20°	17663.1	19181.5	19993.8	19994.7	19993.8	19181.5	17663.1	15624.3	13524.4	11032.5	8586.8
17.5°	23626.7	26092.2	27639.8	28306.1	27639.8	26092.2	23626.7	20659.9	17897.9	14718.2	11522.9
15°	31549.5	35692.6	38175.3	38622.7	38175.3	35692.6	31549.5	27242.8	22770.4	18643.8	14625.5
12.5°	41196.5	46439.7	49964.2	51256.0	49964.2	46439.7	41196.5	35148.4	28175.7	22696.6	17789.9
10°	51268.7	56126.8	59902.6	61171.5	59902.6	56126.8	51268.7	43597.1	35186.5	26952.7	20588.3
7.5°	58545.1	64338.2	68591.4	70459.1	68591.4	64338.2	58545.1	50924.0	41314.4	31509.8	23569.7
5°	64289.1	71143.7	75103.0	76860.2	75103.0	71143.7	64289.1	56142.5	46330.4	35351.0	25767.5
2.5°	68057.8	74830.9	79023.5	80643.8	79023.5	74830.9	68057.8	59457.9	49523.5	37705.2	27164.3
0°	69467.1	76089.7	80232.2	82211.1	80232.2	76089.7	69467.1	60285.0	50390.5	38263.9	27630.6
-2.5°	68057.8	74830.9	79023.5	80643.8	79023.5	74830.9	68057.8	59457.9	49523.5	37705.2	27164.3
-5°	64289.1	71143.7	75103.0	76860.2	75103.0	71143.7	64289.1	56142.5	46330.4	35351.0	25767.5
-7.5°	58545.1	64338.2	68591.4	70459.1	68591.4	64338.2	58545.1	50924.0	41314.4	31509.8	23569.7
-10°	51268.7	56126.8	59902.6	61171.5	59902.6	56126.8	51268.7	43597.1	35186.5	26952.7	20588.3
-12.5°	41196.5	46439.7	49964.2	51256.0	49964.2	46439.7	41196.5	35148.4	28175.7	22696.6	17789.9
-15°	31549.5	35692.6	38175.3	38622.7	38175.3	35692.6	31549.5	27242.8	22770.4	18643.8	14625.5
-17.5°	23626.7	26092.2	27639.8	28306.1	27639.8	26092.2	23626.7	20659.9	17897.9	14718.2	11522.9
-20°	17663.1	19181.5	19993.8	19994.7	19993.8	19181.5	17663.1	15624.3	13524.4	11032.5	8586.8



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12820.6	13962.0	14587.4	14696.6	14587.4	13962.0	12820.6	11283.9	9622.0	7803.7	5961.4
-25°	8640.9	9477.0	10012.5	10021.1	10012.5	9477.0	8640.9	7515.7	6245.3	5139.9	3897.2
-27.5°	5376.3	5866.1	6156.4	6179.4	6156.4	5866.1	5376.3	4695.5	3819.8	3328.2	2707.1
-30°	3295.2	3491.6	3583.9	3562.0	3583.9	3491.6	3295.2	2991.2	2594.1	2299.0	2013.8
-32.5°	2224.6	2320.9	2372.7	2379.9	2372.7	2320.9	2224.6	2085.8	1897.9	1725.9	1592.6
-35°	1667.9	1715.0	1739.4	1741.4	1739.4	1715.0	1667.9	1597.5	1506.0	1406.9	1328.8
-37.5°	1348.3	1373.0	1384.1	1377.3	1384.1	1373.0	1348.3	1311.2	1261.2	1198.8	1150.8
-40°	1146.4	1160.0	1168.7	1176.8	1168.7	1160.0	1146.4	1124.9	1095.5	1059.9	1026.9
-42.5°	1005.6	1012.2	1016.0	1018.5	1016.0	1012.2	1005.6	994.0	977.6	956.6	935.2
-45°	906.3	909.3	909.6	907.7	909.6	909.3	906.3	899.8	890.8	879.4	866.3
-47.5°	830.1	831.2	830.7	828.5	830.7	831.2	830.1	826.8	822.1	815.4	806.4
-50°	767.4	764.9	762.5	759.9	762.5	764.9	767.4	768.2	767.0	763.1	756.8
-52.5°	720.3	717.6	715.0	712.4	715.0	717.6	720.3	721.3	720.1	716.4	711.2
-55°	676.7	674.9	672.9	670.2	672.9	674.9	676.7	676.9	675.6	673.3	669.9
-57.5°	638.0	637.4	638.0	638.5	638.0	637.4	638.0	637.5	636.1	634.3	631.1
-60°	598.9	599.5	600.9	601.6	600.9	599.5	598.9	596.8	593.3	589.5	585.3
-62.5°	540.7	541.3	545.1	548.8	545.1	541.3	540.7	538.7	535.2	532.3	529.0
-65°	478.2	478.4	482.0	485.5	482.0	478.4	478.2	476.6	473.6	470.6	467.3
-67.5°	419.2	420.3	424.1	427.4	424.1	420.3	419.2	417.3	414.6	412.1	409.5
-70°	363.5	362.8	366.1	369.4	366.1	362.8	363.5	363.4	362.4	360.7	358.1
-72.5°	311.0	310.1	310.9	311.3	310.9	310.1	311.0	311.0	310.1	308.4	306.0
-75°	257.3	257.5	258.3	258.6	258.3	257.5	257.3	256.5	255.1	253.3	251.7
-77.5°	204.9	204.8	205.5	205.8	205.5	204.8	204.9	204.5	203.6	202.1	199.9
-80°	152.7	152.3	152.8	153.0	152.8	152.3	152.7	152.6	152.1	151.0	148.7
-82.5°	104.3	105.0	105.4	105.5	105.4	105.0	104.3	103.3	102.1	100.7	100.3
-85°	57.4	57.7	57.9	58.0	57.9	57.7	57.4	56.9	56.2	55.5	55.8
-87.5°	20.9	21.0	21.1	21.1	21.1	21.0	20.9	20.8	20.6	20.4	20.1
-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: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
85°	55.9	55.8	55.4	53.7	52.0	50.1	48.0	45.8	43.5	41.1	38.5
82.5°	99.6	98.7	97.3	93.7	90.0	86.2	82.5	79.2	75.8	72.1	68.3
80°	146.1	143.3	140.3	136.0	131.1	125.7	119.8	114.3	108.5	103.1	98.0
77.5°	196.9	193.3	188.8	183.1	177.0	170.3	163.2	155.9	148.7	141.0	133.0
75°	249.2	245.9	241.1	234.3	226.9	218.9	209.9	199.9	189.8	179.8	169.9
72.5°	302.9	299.1	293.5	285.7	276.7	267.2	257.0	245.6	233.1	219.5	207.0
70°	354.8	350.6	345.3	338.2	329.3	318.8	306.6	293.2	279.2	264.5	249.3
67.5°	405.7	400.6	395.0	388.6	380.8	371.0	357.9	342.5	326.2	309.5	292.1
65°	462.4	455.8	448.6	441.8	433.6	423.5	410.2	395.3	377.5	357.0	334.9
62.5°	524.3	518.3	507.9	496.9	486.0	474.4	459.4	443.2	426.8	407.8	381.5
60°	581.0	575.4	561.9	548.5	535.3	521.1	504.0	486.9	469.7	448.9	424.9
57.5°	626.3	617.6	605.0	592.1	579.1	561.8	543.7	526.6	507.7	487.8	465.4
55°	665.2	655.5	642.5	628.6	613.6	596.3	578.2	558.9	540.9	524.4	501.5
52.5°	704.7	692.6	678.6	663.6	647.0	628.5	609.2	588.9	571.3	554.2	535.0
50°	747.9	732.5	715.7	698.2	680.4	660.5	639.5	618.1	601.2	583.3	564.0
47.5°	794.2	776.0	756.1	736.2	715.6	694.0	671.2	648.2	629.6	611.3	591.2
45°	848.5	825.4	799.9	777.0	752.6	728.7	704.3	680.4	657.0	636.4	617.1
42.5°	911.7	884.1	855.1	823.8	792.4	765.0	737.5	711.8	685.8	661.0	638.7
40°	991.0	950.9	917.0	878.5	841.3	803.7	773.6	742.7	714.3	686.3	660.6
37.5°	1095.6	1039.6	991.0	940.9	896.3	851.8	813.1	778.0	742.7	712.5	683.7
35°	1236.8	1158.4	1082.1	1017.5	957.7	905.2	856.1	814.8	776.0	739.0	706.8
32.5°	1436.7	1321.8	1199.3	1112.1	1029.8	961.7	904.0	852.7	808.2	767.6	730.7
30°	1750.2	1547.6	1373.8	1226.2	1120.0	1027.3	952.8	892.5	840.3	795.1	754.1
27.5°	2261.3	1848.4	1607.8	1387.1	1223.1	1107.3	1010.5	931.9	871.4	822.0	777.1
25°	3090.1	2393.2	1906.2	1601.3	1363.5	1192.6	1072.7	979.2	905.0	846.3	793.5
22.5°	4304.1	3216.3	2378.5	1846.8	1535.5	1309.2	1146.4	1025.8	935.1	867.1	809.7
20°	6218.7	4277.8	3066.4	2244.6	1737.5	1421.0	1224.5	1080.4	972.0	889.5	824.1
17.5°	8511.7	5919.4	3845.3	2672.9	1999.4	1582.5	1315.6	1132.8	1004.6	909.7	836.2
15°	10822.5	7636.4	5042.1	3293.9	2285.1	1723.6	1393.9	1178.1	1036.5	931.9	851.4
12.5°	13374.5	9475.9	6104.0	3807.3	2579.4	1893.8	1493.8	1239.2	1071.3	954.0	866.0
10°	15578.8	11194.3	7380.5	4629.8	2966.6	2072.2	1585.4	1291.5	1100.3	972.0	877.4
7.5°	17563.7	12662.3	8450.9	5271.7	3266.9	2213.7	1658.9	1333.2	1122.1	985.1	885.5
5°	18972.2	13784.2	9312.1	5756.7	3481.7	2311.7	1710.0	1362.6	1136.6	993.3	890.2
2.5°	19850.9	14459.3	9873.8	6044.6	3586.8	2365.4	1742.1	1379.4	1148.7	1002.4	892.8
0°	19931.4	14411.6	9952.5	6184.7	3519.8	2374.7	1757.3	1382.6	1155.7	1007.9	891.8
-2.5°	19850.9	14459.3	9873.8	6044.6	3586.8	2365.4	1742.1	1379.4	1148.7	1002.4	892.8
-5°	18972.2	13784.2	9312.1	5756.7	3481.7	2311.7	1710.0	1362.6	1136.6	993.3	890.2
-7.5°	17563.7	12662.3	8450.9	5271.7	3266.9	2213.7	1658.9	1333.2	1122.1	985.1	885.5
-10°	15578.8	11194.3	7380.5	4629.8	2966.6	2072.2	1585.4	1291.5	1100.3	972.0	877.4
-12.5°	13374.5	9475.9	6104.0	3807.3	2579.4	1893.8	1493.8	1239.2	1071.3	954.0	866.0
-15°	10822.5	7636.4	5042.1	3293.9	2285.1	1723.6	1393.9	1178.1	1036.5	931.9	851.4
-17.5°	8511.7	5919.4	3845.3	2672.9	1999.4	1582.5	1315.6	1132.8	1004.6	909.7	836.2
-20°	6218.7	4277.8	3066.4	2244.6	1737.5	1421.0	1224.5	1080.4	972.0	889.5	824.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4304.1	3216.3	2378.5	1846.8	1535.5	1309.2	1146.4	1025.8	935.1	867.1	809.7
-25°	3090.1	2393.2	1906.2	1601.3	1363.5	1192.6	1072.7	979.2	905.0	846.3	793.5
-27.5°	2261.3	1848.4	1607.8	1387.1	1223.1	1107.3	1010.5	931.9	871.4	822.0	777.1
-30°	1750.2	1547.6	1373.8	1226.2	1120.0	1027.3	952.8	892.5	840.3	795.1	754.1
-32.5°	1436.7	1321.8	1199.3	1112.1	1029.8	961.7	904.0	852.7	808.2	767.6	730.7
-35°	1236.8	1158.4	1082.1	1017.5	957.7	905.2	856.1	814.8	776.0	739.0	706.8
-37.5°	1095.6	1039.6	991.0	940.9	896.3	851.8	813.1	778.0	742.7	712.5	683.7
-40°	991.0	950.9	917.0	878.5	841.3	803.7	773.6	742.7	714.3	686.3	660.6
-42.5°	911.7	884.1	855.1	823.8	792.4	765.0	737.5	711.8	685.8	661.0	638.7
-45°	848.5	825.4	799.9	777.0	752.6	728.7	704.3	680.4	657.0	636.4	617.1
-47.5°	794.2	776.0	756.1	736.2	715.6	694.0	671.2	648.2	629.6	611.3	591.2
-50°	747.9	732.5	715.7	698.2	680.4	660.5	639.5	618.1	601.2	583.3	564.0
-52.5°	704.7	692.6	678.6	663.6	647.0	628.5	609.2	588.9	571.3	554.2	535.0
-55°	665.2	655.5	642.5	628.6	613.6	596.3	578.2	558.9	540.9	524.4	501.5
-57.5°	626.3	617.6	605.0	592.1	579.1	561.8	543.7	526.6	507.7	487.8	465.4
-60°	581.0	575.4	561.9	548.5	535.3	521.1	504.0	486.9	469.7	448.9	424.9
-62.5°	524.3	518.3	507.9	496.9	486.0	474.4	459.4	443.2	426.8	407.8	381.5
-65°	462.4	455.8	448.6	441.8	433.6	423.5	410.2	395.3	377.5	357.0	334.9
-67.5°	405.7	400.6	395.0	388.6	380.8	371.0	357.9	342.5	326.2	309.5	292.1
-70°	354.8	350.6	345.3	338.2	329.3	318.8	306.6	293.2	279.2	264.5	249.3
-72.5°	302.9	299.1	293.5	285.7	276.7	267.2	257.0	245.6	233.1	219.5	207.0
-75°	249.2	245.9	241.1	234.3	226.9	218.9	209.9	199.9	189.8	179.8	169.9
-77.5°	196.9	193.3	188.8	183.1	177.0	170.3	163.2	155.9	148.7	141.0	133.0
-80°	146.1	143.3	140.3	136.0	131.1	125.7	119.8	114.3	108.5	103.1	98.0
-82.5°	99.6	98.7	97.3	93.7	90.0	86.2	82.5	79.2	75.8	72.1	68.3
-85°	55.9	55.8	55.4	53.7	52.0	50.1	48.0	45.8	43.5	41.1	38.5
-87.5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
85°	35.9	33.1	30.2	27.3	24.2	21.1	19.5	17.8	16.1	14.4	12.7
82.5°	64.3	60.1	55.8	51.4	46.8	42.1	37.2	32.3	27.0	22.0	19.0
80°	92.6	87.1	81.3	75.5	69.5	63.0	56.5	49.8	42.4	35.4	28.6
77.5°	124.7	116.0	107.0	99.6	92.7	85.2	77.0	67.7	57.7	48.5	39.8
75°	159.8	149.4	138.6	127.9	117.7	107.4	98.0	87.2	74.6	61.8	50.9
72.5°	196.1	184.0	170.9	157.5	145.4	133.0	120.2	106.5	92.0	77.4	62.5
70°	234.4	219.5	204.8	189.7	174.2	158.5	143.7	127.2	109.3	92.7	76.0
67.5°	274.0	256.3	238.8	221.7	204.0	185.9	167.4	148.1	128.1	107.8	89.2
65°	314.7	293.7	272.4	253.2	233.5	213.3	192.5	169.1	146.6	124.4	102.2
62.5°	356.0	331.8	308.2	284.9	262.6	240.2	217.0	190.7	165.0	140.5	116.0
60°	397.8	369.9	343.2	317.2	291.7	266.7	240.5	211.6	183.6	156.4	129.9
57.5°	437.7	407.0	376.7	348.3	320.5	292.9	263.6	232.4	201.6	172.1	143.4
55°	476.5	445.1	409.5	377.3	347.7	318.3	285.8	252.8	219.2	187.3	156.6
52.5°	510.7	479.4	442.6	405.7	372.5	341.7	307.0	272.6	237.0	202.0	169.4
50°	541.7	510.0	473.0	434.1	396.4	362.2	327.3	290.9	254.2	216.3	181.7
47.5°	568.5	538.1	501.6	460.8	420.5	382.0	345.7	308.2	270.8	231.1	193.6
45°	592.7	565.1	528.9	487.1	443.0	402.0	363.0	324.6	285.5	245.3	205.1
42.5°	615.3	588.5	555.4	512.8	465.8	421.2	379.6	339.7	299.3	258.8	216.5
40°	635.8	608.9	580.2	536.8	487.5	439.2	395.8	353.9	312.2	271.2	227.6
37.5°	656.0	628.3	598.5	559.2	507.7	457.6	411.0	367.4	324.7	282.2	238.0
35°	676.8	647.1	614.5	576.9	527.1	474.6	424.9	380.0	336.4	292.5	247.7
32.5°	696.7	663.9	629.2	591.8	545.1	490.0	438.5	392.3	347.4	302.2	256.6
30°	716.3	677.8	642.3	607.0	560.8	505.1	451.9	403.7	357.6	311.2	264.8
27.5°	731.2	689.9	653.8	618.9	574.0	519.0	464.8	414.2	367.0	319.5	272.0
25°	744.6	701.5	663.7	628.4	587.0	533.4	476.7	423.8	375.5	327.0	278.5
22.5°	758.0	711.7	671.9	636.4	599.4	546.4	487.9	433.5	383.2	333.8	284.4
20°	769.6	719.8	678.7	643.8	607.6	556.5	498.4	442.0	390.1	339.9	289.6
17.5°	779.4	728.1	685.8	649.9	613.2	565.1	507.6	449.5	396.0	345.1	294.2
15°	789.6	736.7	691.9	654.6	618.1	572.1	515.5	455.8	401.0	349.5	298.3
12.5°	798.2	743.0	696.7	657.9	622.2	577.6	521.9	461.1	405.2	353.7	302.3
10°	804.9	747.2	700.0	660.0	625.4	581.5	527.0	465.9	410.1	357.4	305.5
7.5°	809.6	749.3	701.9	660.9	627.7	585.0	532.0	471.2	414.5	360.3	308.0
5°	812.8	750.3	703.1	662.9	629.1	588.3	535.5	475.4	418.0	362.4	309.9
2.5°	816.6	750.7	703.2	664.4	629.1	590.3	537.6	478.4	420.6	363.7	310.9
0°	817.9	749.3	701.8	664.9	628.0	591.0	538.3	480.2	422.2	364.1	311.3
-2.5°	816.6	750.7	703.2	664.4	629.1	590.3	537.6	478.4	420.6	363.7	310.9
-5°	812.8	750.3	703.1	662.9	629.1	588.3	535.5	475.4	418.0	362.4	309.9
-7.5°	809.6	749.3	701.9	660.9	627.7	585.0	532.0	471.2	414.5	360.3	308.0
-10°	804.9	747.2	700.0	660.0	625.4	581.5	527.0	465.9	410.1	357.4	305.5
-12.5°	798.2	743.0	696.7	657.9	622.2	577.6	521.9	461.1	405.2	353.7	302.3
-15°	789.6	736.7	691.9	654.6	618.1	572.1	515.5	455.8	401.0	349.5	298.3
-17.5°	779.4	728.1	685.8	649.9	613.2	565.1	507.6	449.5	396.0	345.1	294.2
-20°	769.6	719.8	678.7	643.8	607.6	556.5	498.4	442.0	390.1	339.9	289.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	758.0	711.7	671.9	636.4	599.4	546.4	487.9	433.5	383.2	333.8	284.4
-25°	744.6	701.5	663.7	628.4	587.0	533.4	476.7	423.8	375.5	327.0	278.5
-27.5°	731.2	689.9	653.8	618.9	574.0	519.0	464.8	414.2	367.0	319.5	272.0
-30°	716.3	677.8	642.3	607.0	560.8	505.1	451.9	403.7	357.6	311.2	264.8
-32.5°	696.7	663.9	629.2	591.8	545.1	490.0	438.5	392.3	347.4	302.2	256.6
-35°	676.8	647.1	614.5	576.9	527.1	474.6	424.9	380.0	336.4	292.5	247.7
-37.5°	656.0	628.3	598.5	559.2	507.7	457.6	411.0	367.4	324.7	282.2	238.0
-40°	635.8	608.9	580.2	536.8	487.5	439.2	395.8	353.9	312.2	271.2	227.6
-42.5°	615.3	588.5	555.4	512.8	465.8	421.2	379.6	339.7	299.3	258.8	216.5
-45°	592.7	565.1	528.9	487.1	443.0	402.0	363.0	324.6	285.5	245.3	205.1
-47.5°	568.5	538.1	501.6	460.8	420.5	382.0	345.7	308.2	270.8	231.1	193.6
-50°	541.7	510.0	473.0	434.1	396.4	362.2	327.3	290.9	254.2	216.3	181.7
-52.5°	510.7	479.4	442.6	405.7	372.5	341.7	307.0	272.6	237.0	202.0	169.4
-55°	476.5	445.1	409.5	377.3	347.7	318.3	285.8	252.8	219.2	187.3	156.6
-57.5°	437.7	407.0	376.7	348.3	320.5	292.9	263.6	232.4	201.6	172.1	143.4
-60°	397.8	369.9	343.2	317.2	291.7	266.7	240.5	211.6	183.6	156.4	129.9
-62.5°	356.0	331.8	308.2	284.9	262.6	240.2	217.0	190.7	165.0	140.5	116.0
-65°	314.7	293.7	272.4	253.2	233.5	213.3	192.5	169.1	146.6	124.4	102.2
-67.5°	274.0	256.3	238.8	221.7	204.0	185.9	167.4	148.1	128.1	107.8	89.2
-70°	234.4	219.5	204.8	189.7	174.2	158.5	143.7	127.2	109.3	92.7	76.0
-72.5°	196.1	184.0	170.9	157.5	145.4	133.0	120.2	106.5	92.0	77.4	62.5
-75°	159.8	149.4	138.6	127.9	117.7	107.4	98.0	87.2	74.6	61.8	50.9
-77.5°	124.7	116.0	107.0	99.6	92.7	85.2	77.0	67.7	57.7	48.5	39.8
-80°	92.6	87.1	81.3	75.5	69.5	63.0	56.5	49.8	42.4	35.4	28.6
-82.5°	64.3	60.1	55.8	51.4	46.8	42.1	37.2	32.3	27.0	22.0	19.0
-85°	35.9	33.1	30.2	27.3	24.2	21.1	19.5	17.8	16.1	14.4	12.7
-87.5°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	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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Scaled Data Report



REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
82.5°	16.3	13.7	11.0	8.2	5.5	2.8	0.0
80°	22.2	18.2	14.6	11.0	7.3	3.7	0.0
77.5°	31.6	23.8	18.2	13.7	9.1	4.6	0.0
75°	40.9	31.6	22.2	16.3	10.9	5.5	0.0
72.5°	50.1	39.3	28.4	19.0	12.7	6.3	0.0
70°	59.5	46.9	34.5	22.0	14.4	7.2	0.0
67.5°	71.0	54.3	40.4	26.5	16.1	8.1	0.0
65°	82.3	62.7	46.3	30.9	17.8	8.9	0.0
62.5°	93.4	72.0	52.1	35.2	19.5	9.7	0.0
60°	104.3	81.0	57.7	39.4	21.1	10.5	0.0
57.5°	115.7	89.9	64.7	43.6	23.8	11.3	0.0
55°	126.8	98.5	71.6	47.6	26.5	12.1	0.0
52.5°	137.6	106.9	78.3	51.5	29.1	12.8	0.0
50°	147.9	115.4	84.8	55.2	31.6	13.6	0.0
47.5°	157.8	123.6	91.0	59.1	34.0	14.3	0.0
45°	167.6	131.3	97.0	63.6	36.4	14.9	0.0
42.5°	176.9	138.7	102.8	67.9	38.6	15.6	0.0
40°	185.8	145.7	108.3	72.0	40.7	16.2	0.0
37.5°	194.3	152.2	113.6	75.8	42.7	16.7	0.0
35°	202.3	158.7	118.5	79.3	44.6	17.3	0.0
32.5°	209.9	164.9	123.1	82.6	46.4	17.8	0.0
30°	217.0	170.7	127.3	85.6	48.1	18.3	0.0
27.5°	223.5	176.0	131.2	88.3	49.6	18.7	0.0
25°	229.4	180.9	134.8	90.7	51.1	19.1	0.0
22.5°	234.7	185.3	138.0	92.9	52.4	19.5	0.0
20°	239.3	189.2	141.0	94.8	53.5	19.8	0.0
17.5°	243.5	192.4	143.7	96.4	54.6	20.1	0.0
15°	247.3	195.2	146.1	97.8	55.5	20.4	0.0
12.5°	250.7	197.3	148.2	98.9	56.2	20.6	0.0
10°	253.4	199.0	149.9	99.7	56.9	20.8	0.0
7.5°	255.7	200.1	151.2	100.2	57.4	20.9	0.0
5°	257.3	200.7	152.2	100.5	57.7	21.0	0.0
2.5°	258.3	200.9	152.8	100.5	57.9	21.1	0.0
0°	258.6	200.5	153.0	100.3	58.0	21.1	0.0
-2.5°	258.3	200.9	152.8	100.5	57.9	21.1	0.0
-5°	257.3	200.7	152.2	100.5	57.7	21.0	0.0
-7.5°	255.7	200.1	151.2	100.2	57.4	20.9	0.0
-10°	253.4	199.0	149.9	99.7	56.9	20.8	0.0
-12.5°	250.7	197.3	148.2	98.9	56.2	20.6	0.0
-15°	247.3	195.2	146.1	97.8	55.5	20.4	0.0
-17.5°	243.5	192.4	143.7	96.4	54.6	20.1	0.0
-20°	239.3	189.2	141.0	94.8	53.5	19.8	0.0

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REPORT NUMBER: P627595 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	234.7	185.3	138.0	92.9	52.4	19.5	0.0
-25°	229.4	180.9	134.8	90.7	51.1	19.1	0.0
-27.5°	223.5	176.0	131.2	88.3	49.6	18.7	0.0
-30°	217.0	170.7	127.3	85.6	48.1	18.3	0.0
-32.5°	209.9	164.9	123.1	82.6	46.4	17.8	0.0
-35°	202.3	158.7	118.5	79.3	44.6	17.3	0.0
-37.5°	194.3	152.2	113.6	75.8	42.7	16.7	0.0
-40°	185.8	145.7	108.3	72.0	40.7	16.2	0.0
-42.5°	176.9	138.7	102.8	67.9	38.6	15.6	0.0
-45°	167.6	131.3	97.0	63.6	36.4	14.9	0.0
-47.5°	157.8	123.6	91.0	59.1	34.0	14.3	0.0
-50°	147.9	115.4	84.8	55.2	31.6	13.6	0.0
-52.5°	137.6	106.9	78.3	51.5	29.1	12.8	0.0
-55°	126.8	98.5	71.6	47.6	26.5	12.1	0.0
-57.5°	115.7	89.9	64.7	43.6	23.8	11.3	0.0
-60°	104.3	81.0	57.7	39.4	21.1	10.5	0.0
-62.5°	93.4	72.0	52.1	35.2	19.5	9.7	0.0
-65°	82.3	62.7	46.3	30.9	17.8	8.9	0.0
-67.5°	71.0	54.3	40.4	26.5	16.1	8.1	0.0
-70°	59.5	46.9	34.5	22.0	14.4	7.2	0.0
-72.5°	50.1	39.3	28.4	19.0	12.7	6.3	0.0
-75°	40.9	31.6	22.2	16.3	10.9	5.5	0.0
-77.5°	31.6	23.8	18.2	13.7	9.1	4.6	0.0
-80°	22.2	18.2	14.6	11.0	7.3	3.7	0.0
-82.5°	16.3	13.7	11.0	8.2	5.5	2.8	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-87.5°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)