

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: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627585 (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-740-U-MR-XX
 Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N122
 Light Source: (80) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

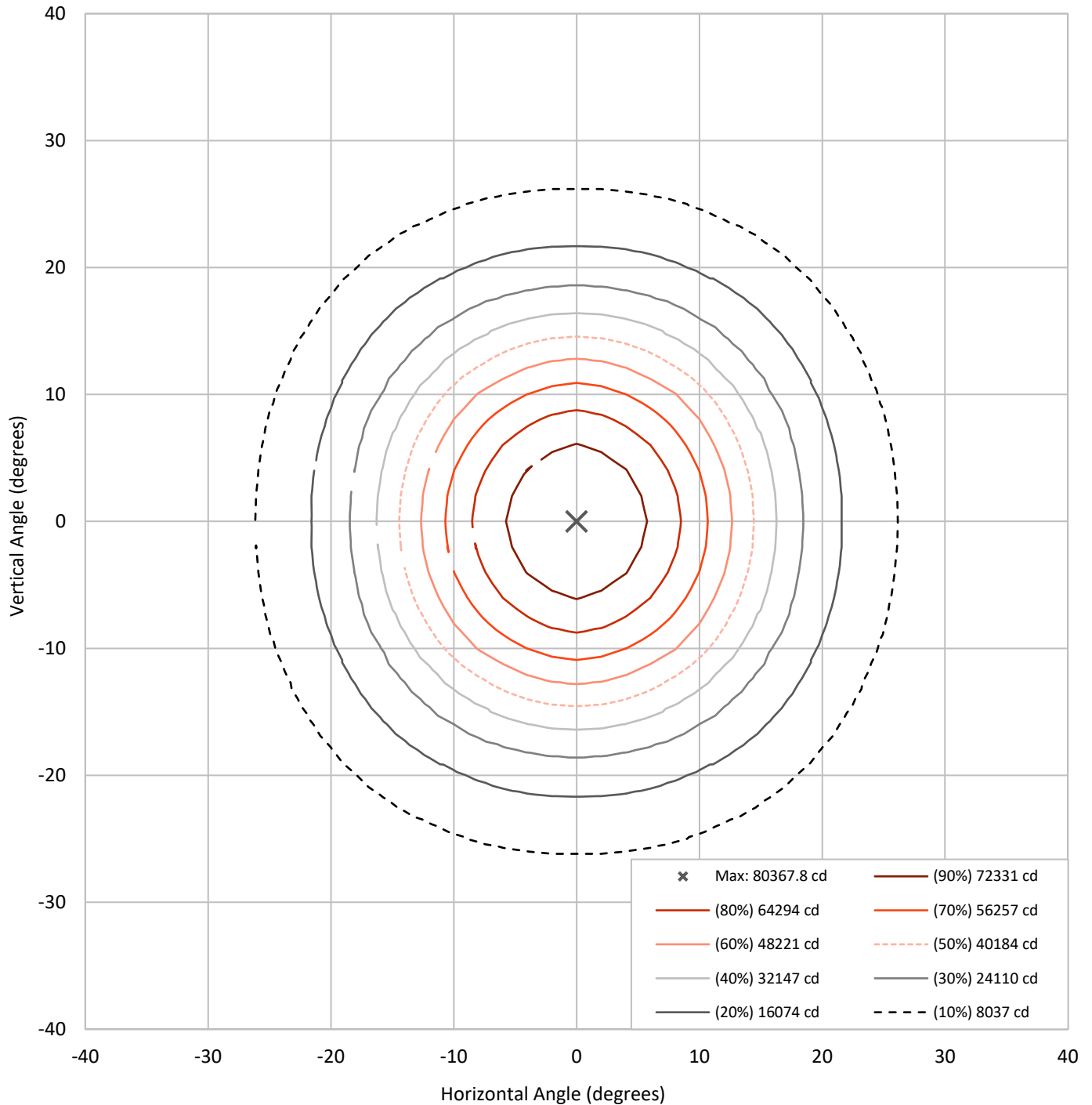
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25109.7 lumens	Max Intensity:	80367.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.2 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:	12208 lumens	Field Lumens:	20602.1 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





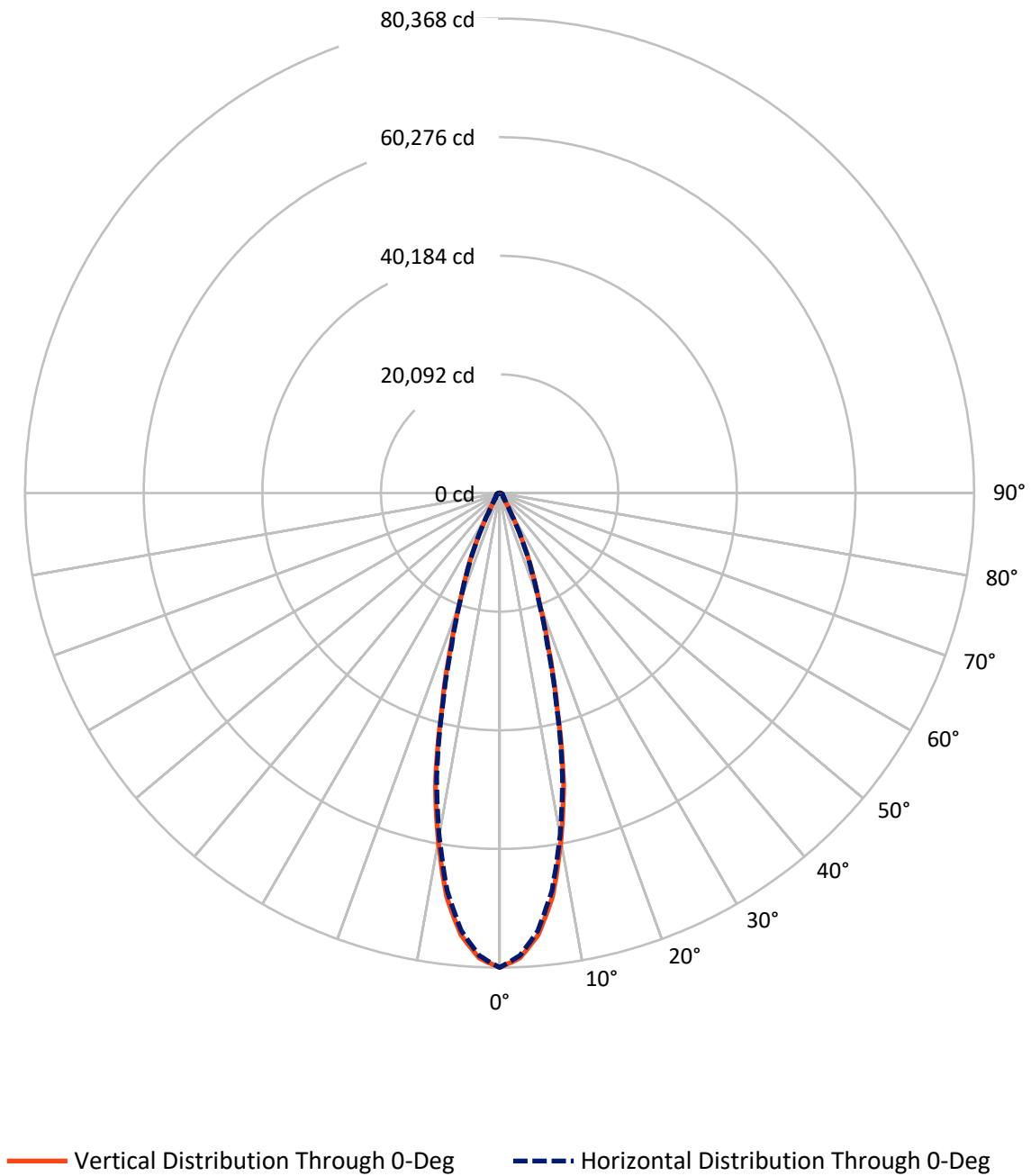
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Lumen Table

90	0.5		4.2		10.9		17.2		19.1		17.2		10.9		4.2		0.5
80	0.5		4.2		10.9		17.2		19.1		17.2		10.9		4.2		0.5
70	1.9	2.2	4.3	7.1	9.9	12.2	13.6	14.3	14.3	13.6	12.2	9.9	7.1	4.3	2.2	1.9	
60		3.2	6.5	10.5	14.0	17.3	19.4	20.1	20.1	19.4	17.3	14.0	10.5	6.5	3.2		
50	3.3	4.1	8.3	12.9	17.2	21.8	25.6	27.5	27.5	25.6	21.8	17.2	12.9	8.3	4.1	3.3	
40		4.9	9.8	14.9	21.1	30.1	43.5	56.5	56.5	43.5	30.1	21.1	14.9	9.8	4.9		
30	4.2	5.4	10.7	16.8	27.0	58.7	165.3	293.1	293.1	165.3	58.7	27.0	16.8	10.7	5.4	4.2	
20		5.8	11.2	18.3	36.8	154.1	549.3	1052.5	1052.5	549.3	154.1	36.8	18.3	11.2	5.8		
10	4.6	6.1	11.4	19.2	46.7	266.0	1016.7	1999.8	1999.8	1016.7	266.0	46.7	19.2	11.4	6.1	4.6	
0		6.1	11.4	19.2	46.7	266.0	1016.7	1999.8	1999.8	1016.7	266.0	46.7	19.2	11.4	6.1		
-10	4.2	5.8	11.2	18.3	36.8	154.1	549.3	1052.5	1052.5	549.3	154.1	36.8	18.3	11.2	5.8	4.2	
-20		5.4	10.7	16.8	27.0	58.7	165.3	293.1	293.1	165.3	58.7	27.0	16.8	10.7	5.4		
-30	3.3	4.9	9.8	14.9	21.1	30.1	43.5	56.5	56.5	43.5	30.1	21.1	14.9	9.8	4.9	3.3	
-40		4.1	8.3	12.9	17.2	21.8	25.6	27.5	27.5	25.6	21.8	17.2	12.9	8.3	4.1		
-50	1.9	3.2	6.5	10.5	14.0	17.3	19.4	20.1	20.1	19.4	17.3	14.0	10.5	6.5	3.2	1.9	
-60		2.2	4.3	7.1	9.9	12.2	13.6	14.3	14.3	13.6	12.2	9.9	7.1	4.3	2.2		
-70	0.5		4.2		10.9		17.2		19.1		17.2		10.9		4.2		0.5
-80	0.5		4.2		10.9		17.2		19.1		17.2		10.9		4.2		0.5
-90	0.5		4.2		10.9		17.2		19.1		17.2		10.9		4.2		0.5

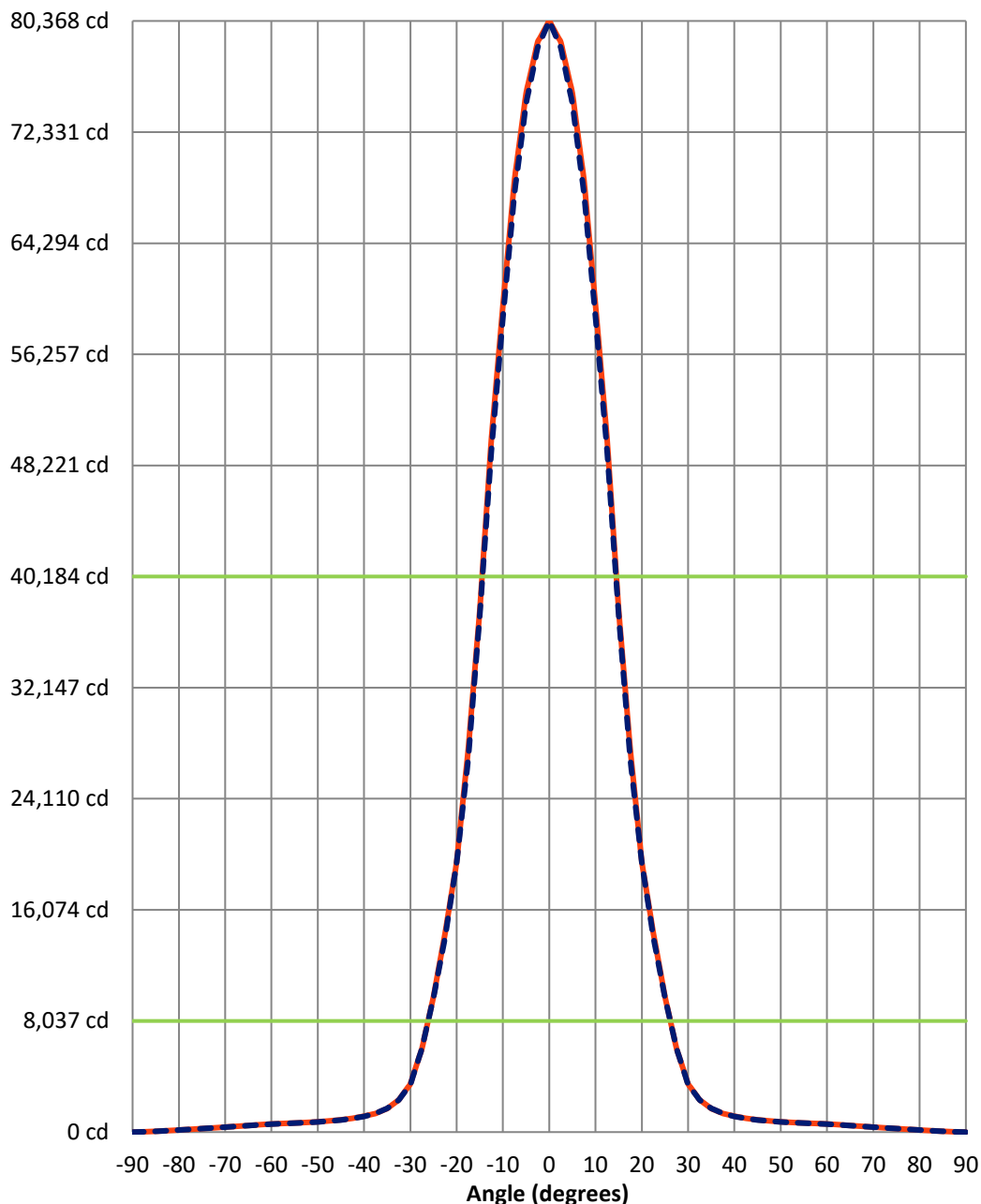
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12208
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 20602.1
 Efficiency: 82.0%

Spill:
 Lumens: 4507.6
 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	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
85°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
82.5°	0.0	2.7	5.4	8.0	10.7	13.3	16.0	18.5	21.5	26.4	31.5
80°	0.0	3.6	7.1	10.7	14.2	17.7	21.7	28.0	34.6	41.5	48.7
77.5°	0.0	4.5	8.9	13.3	17.7	23.3	30.9	38.9	47.5	56.4	66.2
75°	0.0	5.3	10.7	16.0	21.7	30.9	40.0	49.7	60.4	72.9	85.3
72.5°	0.0	6.2	12.4	18.5	27.7	38.4	49.0	61.1	75.6	90.0	104.1
70°	0.0	7.0	14.1	21.4	33.7	45.8	58.2	74.3	90.6	106.8	124.4
67.5°	0.0	7.9	15.7	25.8	39.5	53.1	69.4	87.2	105.5	125.2	144.7
65°	0.0	8.7	17.4	30.2	45.3	61.3	80.5	100.0	121.6	143.3	165.3
62.5°	0.0	9.5	19.0	34.4	50.9	70.4	91.4	113.5	137.4	161.3	186.4
60°	0.0	10.3	20.6	38.5	56.4	79.3	102.0	127.0	152.9	179.5	206.9
57.5°	0.0	11.1	23.3	42.6	63.3	87.9	113.2	140.3	168.3	197.1	227.2
55°	0.0	11.8	25.9	46.5	70.0	96.3	124.0	153.1	183.1	214.3	247.1
52.5°	0.0	12.5	28.4	50.3	76.6	104.6	134.5	165.6	197.4	231.7	266.5
50°	0.0	13.2	30.9	54.0	82.9	112.9	144.6	177.7	211.4	248.5	284.4
47.5°	0.0	13.9	33.2	57.8	89.0	120.9	154.3	189.3	225.9	264.8	301.3
45°	0.0	14.6	35.5	62.2	94.9	128.5	163.8	200.5	239.8	279.1	317.3
42.5°	0.0	15.2	37.7	66.4	100.5	135.7	173.0	211.6	253.0	292.6	332.1
40°	0.0	15.8	39.8	70.4	105.9	142.5	181.7	222.5	265.1	305.3	346.0
37.5°	0.0	16.3	41.8	74.1	111.1	148.8	190.0	232.7	275.9	317.4	359.1
35°	0.0	16.9	43.6	77.5	115.9	155.1	197.7	242.1	286.0	328.9	371.5
32.5°	0.0	17.4	45.4	80.7	120.4	161.2	205.1	250.9	295.5	339.6	383.5
30°	0.0	17.8	47.0	83.7	124.5	166.9	212.1	258.8	304.3	349.6	394.7
27.5°	0.0	18.3	48.5	86.3	128.3	172.1	218.5	265.9	312.4	358.8	405.0
25°	0.0	18.7	49.9	88.7	131.8	176.9	224.3	272.3	319.8	367.1	414.4
22.5°	0.0	19.0	51.2	90.8	135.0	181.2	229.4	278.1	326.4	374.7	423.8
20°	0.0	19.4	52.3	92.7	137.9	184.9	233.9	283.2	332.3	381.3	432.1
17.5°	0.0	19.6	53.4	94.3	140.5	188.1	238.0	287.6	337.4	387.1	439.4
15°	0.0	19.9	54.2	95.6	142.9	190.8	241.8	291.7	341.8	392.0	445.6
12.5°	0.0	20.1	55.0	96.6	144.9	192.9	245.0	295.6	345.8	396.1	450.7
10°	0.0	20.3	55.6	97.4	146.5	194.5	247.8	298.7	349.5	400.9	455.5
7.5°	0.0	20.4	56.1	97.9	147.9	195.6	249.9	301.2	352.3	405.1	460.7
5°	0.0	20.5	56.4	98.2	148.8	196.2	251.5	303.0	354.4	408.6	464.7
2.5°	0.0	20.6	56.6	98.2	149.4	196.3	252.5	304.0	355.6	411.1	467.6
0°	0.0	20.6	56.7	98.0	149.6	196.0	252.8	304.4	356.0	412.7	469.4
-2.5°	0.0	20.6	56.6	98.2	149.4	196.3	252.5	304.0	355.6	411.1	467.6
-5°	0.0	20.5	56.4	98.2	148.8	196.2	251.5	303.0	354.4	408.6	464.7
-7.5°	0.0	20.4	56.1	97.9	147.9	195.6	249.9	301.2	352.3	405.1	460.7
-10°	0.0	20.3	55.6	97.4	146.5	194.5	247.8	298.7	349.5	400.9	455.5
-12.5°	0.0	20.1	55.0	96.6	144.9	192.9	245.0	295.6	345.8	396.1	450.7
-15°	0.0	19.9	54.2	95.6	142.9	190.8	241.8	291.7	341.8	392.0	445.6
-17.5°	0.0	19.6	53.4	94.3	140.5	188.1	238.0	287.6	337.4	387.1	439.4
-20°	0.0	19.4	52.3	92.7	137.9	184.9	233.9	283.2	332.3	381.3	432.1

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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	19.0	51.2	90.8	135.0	181.2	229.4	278.1	326.4	374.7	423.8
-25°	0.0	18.7	49.9	88.7	131.8	176.9	224.3	272.3	319.8	367.1	414.4
-27.5°	0.0	18.3	48.5	86.3	128.3	172.1	218.5	265.9	312.4	358.8	405.0
-30°	0.0	17.8	47.0	83.7	124.5	166.9	212.1	258.8	304.3	349.6	394.7
-32.5°	0.0	17.4	45.4	80.7	120.4	161.2	205.1	250.9	295.5	339.6	383.5
-35°	0.0	16.9	43.6	77.5	115.9	155.1	197.7	242.1	286.0	328.9	371.5
-37.5°	0.0	16.3	41.8	74.1	111.1	148.8	190.0	232.7	275.9	317.4	359.1
-40°	0.0	15.8	39.8	70.4	105.9	142.5	181.7	222.5	265.1	305.3	346.0
-42.5°	0.0	15.2	37.7	66.4	100.5	135.7	173.0	211.6	253.0	292.6	332.1
-45°	0.0	14.6	35.5	62.2	94.9	128.5	163.8	200.5	239.8	279.1	317.3
-47.5°	0.0	13.9	33.2	57.8	89.0	120.9	154.3	189.3	225.9	264.8	301.3
-50°	0.0	13.2	30.9	54.0	82.9	112.9	144.6	177.7	211.4	248.5	284.4
-52.5°	0.0	12.5	28.4	50.3	76.6	104.6	134.5	165.6	197.4	231.7	266.5
-55°	0.0	11.8	25.9	46.5	70.0	96.3	124.0	153.1	183.1	214.3	247.1
-57.5°	0.0	11.1	23.3	42.6	63.3	87.9	113.2	140.3	168.3	197.1	227.2
-60°	0.0	10.3	20.6	38.5	56.4	79.3	102.0	127.0	152.9	179.5	206.9
-62.5°	0.0	9.5	19.0	34.4	50.9	70.4	91.4	113.5	137.4	161.3	186.4
-65°	0.0	8.7	17.4	30.2	45.3	61.3	80.5	100.0	121.6	143.3	165.3
-67.5°	0.0	7.9	15.7	25.8	39.5	53.1	69.4	87.2	105.5	125.2	144.7
-70°	0.0	7.0	14.1	21.4	33.7	45.8	58.2	74.3	90.6	106.8	124.4
-72.5°	0.0	6.2	12.4	18.5	27.7	38.4	49.0	61.1	75.6	90.0	104.1
-75°	0.0	5.3	10.7	16.0	21.7	30.9	40.0	49.7	60.4	72.9	85.3
-77.5°	0.0	4.5	8.9	13.3	17.7	23.3	30.9	38.9	47.5	56.4	66.2
-80°	0.0	3.6	7.1	10.7	14.2	17.7	21.7	28.0	34.6	41.5	48.7
-82.5°	0.0	2.7	5.4	8.0	10.7	13.3	16.0	18.5	21.5	26.4	31.5
-85°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-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°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
85°	19.0	20.6	23.6	26.6	29.5	32.4	35.1	37.7	40.2	42.5	44.8
82.5°	36.4	41.1	45.7	50.2	54.6	58.8	62.9	66.8	70.5	74.1	77.5
80°	55.3	61.6	67.9	73.8	79.5	85.2	90.6	95.8	100.8	106.2	111.8
77.5°	75.3	83.3	90.7	97.4	104.7	113.5	121.9	130.1	137.9	145.4	152.5
75°	95.8	105.0	115.1	125.1	135.5	146.1	156.3	166.1	175.7	185.6	195.4
72.5°	117.5	130.0	142.2	154.0	167.1	179.9	191.6	202.3	214.5	227.9	240.1
70°	140.5	155.0	170.3	185.4	200.2	214.5	229.1	243.8	258.6	273.0	286.7
67.5°	163.6	181.7	199.4	216.7	233.5	250.6	267.9	285.6	302.7	319.0	334.8
65°	188.2	208.5	228.3	247.6	266.3	287.2	307.7	327.4	349.0	369.1	386.5
62.5°	212.2	234.9	256.7	278.5	301.3	324.4	348.1	373.0	398.7	417.2	433.2
60°	235.2	260.7	285.1	310.2	335.5	361.6	388.9	415.3	438.8	459.1	475.9
57.5°	257.7	286.3	313.4	340.5	368.2	397.8	427.9	454.9	476.8	496.3	514.8
55°	279.4	311.2	339.9	368.8	400.3	435.1	465.8	490.2	512.7	528.8	546.5
52.5°	300.2	334.1	364.2	396.6	432.6	468.6	499.3	523.0	541.8	558.6	575.8
50°	320.0	354.1	387.5	424.3	462.4	498.6	529.6	551.4	570.3	587.7	604.2
47.5°	338.0	373.4	411.1	450.5	490.3	526.0	555.7	578.0	597.6	615.5	633.6
45°	354.9	393.0	433.1	476.2	517.0	552.4	579.4	603.3	622.2	642.3	665.1
42.5°	371.0	411.8	455.4	501.3	542.9	575.3	601.5	624.4	646.2	670.4	695.8
40°	387.0	429.4	476.5	524.8	567.2	595.3	621.5	645.8	670.9	698.3	726.0
37.5°	401.8	447.4	496.3	546.7	585.1	614.2	641.3	668.4	696.5	726.0	760.5
35°	415.5	464.0	515.2	563.9	600.8	632.5	661.6	691.0	722.5	758.5	796.6
32.5°	428.8	479.0	532.8	578.5	615.2	649.0	681.1	714.3	750.4	790.1	833.6
30°	441.8	493.8	548.2	593.4	627.9	662.6	700.2	737.2	777.3	821.4	872.5
27.5°	454.4	507.4	561.1	605.1	639.1	674.5	714.8	759.7	803.5	851.9	911.1
25°	466.0	521.5	573.9	614.3	648.8	685.8	727.9	775.7	827.3	884.7	957.3
22.5°	477.0	534.2	585.9	622.2	656.9	695.7	741.0	791.6	847.6	914.2	1002.8
20°	487.3	544.1	594.0	629.4	663.5	703.6	752.3	805.6	869.6	950.3	1056.2
17.5°	496.2	552.4	599.5	635.3	670.5	711.7	762.0	817.4	889.3	982.1	1107.5
15°	503.9	559.3	604.3	639.9	676.4	720.1	771.8	832.3	911.0	1013.2	1151.7
12.5°	510.2	564.6	608.3	643.2	681.0	726.4	780.3	846.6	932.7	1047.2	1211.4
10°	515.2	568.5	611.4	645.2	684.3	730.5	786.9	857.8	950.2	1075.7	1262.5
7.5°	520.0	572.0	613.6	646.1	686.2	732.6	791.5	865.7	963.0	1097.0	1303.3
5°	523.5	575.2	615.0	648.0	687.4	733.5	794.6	870.2	971.1	1111.1	1332.0
2.5°	525.5	577.2	615.0	649.5	687.5	733.8	798.3	872.8	980.0	1123.0	1348.4
0°	526.2	577.8	613.9	650.0	686.1	732.5	799.6	871.8	985.3	1129.8	1351.6
-2.5°	525.5	577.2	615.0	649.5	687.5	733.8	798.3	872.8	980.0	1123.0	1348.4
-5°	523.5	575.2	615.0	648.0	687.4	733.5	794.6	870.2	971.1	1111.1	1332.0
-7.5°	520.0	572.0	613.6	646.1	686.2	732.6	791.5	865.7	963.0	1097.0	1303.3
-10°	515.2	568.5	611.4	645.2	684.3	730.5	786.9	857.8	950.2	1075.7	1262.5
-12.5°	510.2	564.6	608.3	643.2	681.0	726.4	780.3	846.6	932.7	1047.2	1211.4
-15°	503.9	559.3	604.3	639.9	676.4	720.1	771.8	832.3	911.0	1013.2	1151.7
-17.5°	496.2	552.4	599.5	635.3	670.5	711.7	762.0	817.4	889.3	982.1	1107.5
-20°	487.3	544.1	594.0	629.4	663.5	703.6	752.3	805.6	869.6	950.3	1056.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	477.0	534.2	585.9	622.2	656.9	695.7	741.0	791.6	847.6	914.2	1002.8
-25°	466.0	521.5	573.9	614.3	648.8	685.8	727.9	775.7	827.3	884.7	957.3
-27.5°	454.4	507.4	561.1	605.1	639.1	674.5	714.8	759.7	803.5	851.9	911.1
-30°	441.8	493.8	548.2	593.4	627.9	662.6	700.2	737.2	777.3	821.4	872.5
-32.5°	428.8	479.0	532.8	578.5	615.2	649.0	681.1	714.3	750.4	790.1	833.6
-35°	415.5	464.0	515.2	563.9	600.8	632.5	661.6	691.0	722.5	758.5	796.6
-37.5°	401.8	447.4	496.3	546.7	585.1	614.2	641.3	668.4	696.5	726.0	760.5
-40°	387.0	429.4	476.5	524.8	567.2	595.3	621.5	645.8	670.9	698.3	726.0
-42.5°	371.0	411.8	455.4	501.3	542.9	575.3	601.5	624.4	646.2	670.4	695.8
-45°	354.9	393.0	433.1	476.2	517.0	552.4	579.4	603.3	622.2	642.3	665.1
-47.5°	338.0	373.4	411.1	450.5	490.3	526.0	555.7	578.0	597.6	615.5	633.6
-50°	320.0	354.1	387.5	424.3	462.4	498.6	529.6	551.4	570.3	587.7	604.2
-52.5°	300.2	334.1	364.2	396.6	432.6	468.6	499.3	523.0	541.8	558.6	575.8
-55°	279.4	311.2	339.9	368.8	400.3	435.1	465.8	490.2	512.7	528.8	546.5
-57.5°	257.7	286.3	313.4	340.5	368.2	397.8	427.9	454.9	476.8	496.3	514.8
-60°	235.2	260.7	285.1	310.2	335.5	361.6	388.9	415.3	438.8	459.1	475.9
-62.5°	212.2	234.9	256.7	278.5	301.3	324.4	348.1	373.0	398.7	417.2	433.2
-65°	188.2	208.5	228.3	247.6	266.3	287.2	307.7	327.4	349.0	369.1	386.5
-67.5°	163.6	181.7	199.4	216.7	233.5	250.6	267.9	285.6	302.7	319.0	334.8
-70°	140.5	155.0	170.3	185.4	200.2	214.5	229.1	243.8	258.6	273.0	286.7
-72.5°	117.5	130.0	142.2	154.0	167.1	179.9	191.6	202.3	214.5	227.9	240.1
-75°	95.8	105.0	115.1	125.1	135.5	146.1	156.3	166.1	175.7	185.6	195.4
-77.5°	75.3	83.3	90.7	97.4	104.7	113.5	121.9	130.1	137.9	145.4	152.5
-80°	55.3	61.6	67.9	73.8	79.5	85.2	90.6	95.8	100.8	106.2	111.8
-82.5°	36.4	41.1	45.7	50.2	54.6	58.8	62.9	66.8	70.5	74.1	77.5
-85°	19.0	20.6	23.6	26.6	29.5	32.4	35.1	37.7	40.2	42.5	44.8
-87.5°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	20.1	20.3
85°	46.9	48.9	50.8	52.5	54.1	54.5	54.7	54.6	54.3	55.0	55.6
82.5°	80.7	84.3	88.0	91.6	95.1	96.5	97.4	98.1	98.5	99.9	101.1
80°	117.2	122.9	128.2	132.9	137.2	140.2	142.9	145.4	147.7	148.8	149.3
77.5°	159.6	166.5	173.0	179.0	184.6	189.0	192.5	195.4	197.5	199.0	199.9
75°	205.2	214.0	221.8	229.0	235.7	240.4	243.6	246.0	247.6	249.3	250.7
72.5°	251.3	261.3	270.6	279.3	287.0	292.3	296.1	299.1	301.5	303.2	304.1
70°	299.7	311.7	321.9	330.6	337.6	342.7	346.8	350.1	352.6	354.3	355.3
67.5°	349.9	362.7	372.3	379.9	386.1	391.6	396.6	400.4	402.9	405.4	408.0
65°	401.0	414.0	423.8	431.9	438.5	445.5	452.0	456.9	460.1	463.0	466.0
62.5°	449.1	463.8	475.1	485.8	496.5	506.7	512.6	517.1	520.4	523.2	526.6
60°	492.7	509.4	523.3	536.2	549.3	562.5	568.0	572.2	576.2	580.0	583.4
57.5°	531.5	549.2	566.1	578.9	591.4	603.8	612.2	616.9	620.1	621.8	623.2
55°	565.3	583.0	599.8	614.5	628.1	640.8	650.3	654.8	658.2	660.4	661.7
52.5°	595.5	614.4	632.5	648.7	663.4	677.1	689.0	695.3	700.3	703.9	705.1
50°	625.2	645.7	665.2	682.6	699.7	716.1	731.1	739.8	746.0	749.7	750.9
47.5°	656.2	678.4	699.5	719.7	739.2	758.6	776.4	788.3	797.1	803.6	808.3
45°	688.5	712.4	735.7	759.6	782.0	806.9	829.5	846.9	859.7	870.8	879.6
42.5°	721.0	747.8	774.7	805.4	835.9	864.3	891.2	914.2	935.1	955.7	971.7
40°	756.3	785.7	822.4	858.8	896.5	929.5	968.7	1003.9	1036.1	1070.9	1099.7
37.5°	794.9	832.7	876.2	919.8	968.8	1016.3	1071.0	1125.0	1171.9	1232.9	1281.8
35°	836.9	884.9	936.2	994.7	1057.8	1132.4	1209.1	1299.0	1375.4	1472.2	1561.7
32.5°	883.7	940.2	1006.7	1087.1	1172.4	1292.2	1404.5	1556.9	1687.2	1855.3	2039.0
30°	931.4	1004.3	1094.9	1198.7	1342.9	1512.9	1711.0	1968.7	2247.5	2535.9	2924.2
27.5°	987.9	1082.5	1195.6	1355.9	1571.7	1807.0	2210.6	2646.4	3253.5	3734.2	4590.2
25°	1048.7	1165.8	1332.9	1565.3	1863.5	2339.6	3020.8	3809.8	5024.7	6105.3	7347.2
22.5°	1120.8	1279.8	1501.1	1805.4	2325.2	3144.2	4207.6	5827.7	7628.7	9406.2	11030.9
20°	1197.1	1389.2	1698.5	2194.3	2997.6	4181.8	6079.2	8394.2	10785.1	13221.2	15274.0
17.5°	1286.1	1547.0	1954.6	2613.0	3759.0	5786.6	8320.9	11264.5	14388.2	17496.6	20196.7
15°	1362.7	1685.0	2233.8	3220.0	4929.1	7465.1	10579.9	14297.6	18225.7	22259.8	26632.1
12.5°	1460.3	1851.3	2521.6	3721.9	5967.1	9263.4	13074.6	17391.0	22187.7	27544.0	34360.3
10°	1549.9	2025.7	2900.1	4526.0	7215.0	10943.3	15229.5	20126.6	26348.3	34397.5	42619.5
7.5°	1621.7	2164.1	3193.6	5153.5	8261.5	12378.4	17169.8	23041.2	30803.3	40388.0	49782.2
5°	1671.6	2259.9	3403.6	5627.6	9103.3	13475.1	18546.8	25189.7	34558.3	45291.6	54883.6
2.5°	1703.0	2312.3	3506.4	5909.1	9652.3	14135.1	19405.9	26555.2	36859.8	48413.0	58124.7
0°	1717.9	2321.4	3440.9	6046.0	9729.4	14088.5	19484.5	27011.1	37405.9	49260.7	58933.3
-2.5°	1703.0	2312.3	3506.4	5909.1	9652.3	14135.1	19405.9	26555.2	36859.8	48413.0	58124.7
-5°	1671.6	2259.9	3403.6	5627.6	9103.3	13475.1	18546.8	25189.7	34558.3	45291.6	54883.6
-7.5°	1621.7	2164.1	3193.6	5153.5	8261.5	12378.4	17169.8	23041.2	30803.3	40388.0	49782.2
-10°	1549.9	2025.7	2900.1	4526.0	7215.0	10943.3	15229.5	20126.6	26348.3	34397.5	42619.5
-12.5°	1460.3	1851.3	2521.6	3721.9	5967.1	9263.4	13074.6	17391.0	22187.7	27544.0	34360.3
-15°	1362.7	1685.0	2233.8	3220.0	4929.1	7465.1	10579.9	14297.6	18225.7	22259.8	26632.1
-17.5°	1286.1	1547.0	1954.6	2613.0	3759.0	5786.6	8320.9	11264.5	14388.2	17496.6	20196.7
-20°	1197.1	1389.2	1698.5	2194.3	2997.6	4181.8	6079.2	8394.2	10785.1	13221.2	15274.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1120.8	1279.8	1501.1	1805.4	2325.2	3144.2	4207.6	5827.7	7628.7	9406.2	11030.9
-25°	1048.7	1165.8	1332.9	1565.3	1863.5	2339.6	3020.8	3809.8	5024.7	6105.3	7347.2
-27.5°	987.9	1082.5	1195.6	1355.9	1571.7	1807.0	2210.6	2646.4	3253.5	3734.2	4590.2
-30°	931.4	1004.3	1094.9	1198.7	1342.9	1512.9	1711.0	1968.7	2247.5	2535.9	2924.2
-32.5°	883.7	940.2	1006.7	1087.1	1172.4	1292.2	1404.5	1556.9	1687.2	1855.3	2039.0
-35°	836.9	884.9	936.2	994.7	1057.8	1132.4	1209.1	1299.0	1375.4	1472.2	1561.7
-37.5°	794.9	832.7	876.2	919.8	968.8	1016.3	1071.0	1125.0	1171.9	1232.9	1281.8
-40°	756.3	785.7	822.4	858.8	896.5	929.5	968.7	1003.9	1036.1	1070.9	1099.7
-42.5°	721.0	747.8	774.7	805.4	835.9	864.3	891.2	914.2	935.1	955.7	971.7
-45°	688.5	712.4	735.7	759.6	782.0	806.9	829.5	846.9	859.7	870.8	879.6
-47.5°	656.2	678.4	699.5	719.7	739.2	758.6	776.4	788.3	797.1	803.6	808.3
-50°	625.2	645.7	665.2	682.6	699.7	716.1	731.1	739.8	746.0	749.7	750.9
-52.5°	595.5	614.4	632.5	648.7	663.4	677.1	689.0	695.3	700.3	703.9	705.1
-55°	565.3	583.0	599.8	614.5	628.1	640.8	650.3	654.8	658.2	660.4	661.7
-57.5°	531.5	549.2	566.1	578.9	591.4	603.8	612.2	616.9	620.1	621.8	623.2
-60°	492.7	509.4	523.3	536.2	549.3	562.5	568.0	572.2	576.2	580.0	583.4
-62.5°	449.1	463.8	475.1	485.8	496.5	506.7	512.6	517.1	520.4	523.2	526.6
-65°	401.0	414.0	423.8	431.9	438.5	445.5	452.0	456.9	460.1	463.0	466.0
-67.5°	349.9	362.7	372.3	379.9	386.1	391.6	396.6	400.4	402.9	405.4	408.0
-70°	299.7	311.7	321.9	330.6	337.6	342.7	346.8	350.1	352.6	354.3	355.3
-72.5°	251.3	261.3	270.6	279.3	287.0	292.3	296.1	299.1	301.5	303.2	304.1
-75°	205.2	214.0	221.8	229.0	235.7	240.4	243.6	246.0	247.6	249.3	250.7
-77.5°	159.6	166.5	173.0	179.0	184.6	189.0	192.5	195.4	197.5	199.0	199.9
-80°	117.2	122.9	128.2	132.9	137.2	140.2	142.9	145.4	147.7	148.8	149.3
-82.5°	80.7	84.3	88.0	91.6	95.1	96.5	97.4	98.1	98.5	99.9	101.1
-85°	46.9	48.9	50.8	52.5	54.1	54.5	54.7	54.6	54.3	55.0	55.6
-87.5°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	20.1	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	20.4	20.5	20.6	20.6	20.6	20.5	20.4	20.3	20.1	19.9	19.6
85°	56.1	56.4	56.6	56.7	56.6	56.4	56.1	55.6	55.0	54.3	54.6
82.5°	102.0	102.7	103.1	103.2	103.1	102.7	102.0	101.1	99.9	98.5	98.1
80°	149.3	148.9	149.4	149.6	149.4	148.9	149.3	149.3	148.8	147.7	145.4
77.5°	200.3	200.3	201.0	201.2	201.0	200.3	200.3	199.9	199.0	197.5	195.4
75°	251.5	251.7	252.5	252.8	252.5	251.7	251.5	250.7	249.3	247.6	246.0
72.5°	304.1	303.2	304.0	304.4	304.0	303.2	304.1	304.1	303.2	301.5	299.1
70°	355.4	354.7	358.0	361.1	358.0	354.7	355.4	355.3	354.3	352.6	350.1
67.5°	409.8	410.9	414.6	417.9	414.6	410.9	409.8	408.0	405.4	402.9	400.4
65°	467.5	467.6	471.2	474.6	471.2	467.6	467.5	466.0	463.0	460.1	456.9
62.5°	528.6	529.1	532.9	536.5	532.9	529.1	528.6	526.6	523.2	520.4	517.1
60°	585.4	586.0	587.4	588.1	587.4	586.0	585.4	583.4	580.0	576.2	572.2
57.5°	623.7	623.1	623.7	624.2	623.7	623.1	623.7	623.2	621.8	620.1	616.9
55°	661.5	659.8	657.8	655.2	657.8	659.8	661.5	661.7	660.4	658.2	654.8
52.5°	704.2	701.5	699.0	696.4	699.0	701.5	704.2	705.1	703.9	700.3	695.3
50°	750.2	747.7	745.4	742.9	745.4	747.7	750.2	750.9	749.7	746.0	739.8
47.5°	811.5	812.6	812.1	809.9	812.1	812.6	811.5	808.3	803.6	797.1	788.3
45°	885.9	888.9	889.3	887.3	889.3	888.9	885.9	879.6	870.8	859.7	846.9
42.5°	983.0	989.5	993.1	995.6	993.1	989.5	983.0	971.7	955.7	935.1	914.2
40°	1120.6	1134.0	1142.4	1150.4	1142.4	1134.0	1120.6	1099.7	1070.9	1036.1	1003.9
37.5°	1318.1	1342.3	1353.1	1346.4	1353.1	1342.3	1318.1	1281.8	1232.9	1171.9	1125.0
35°	1630.5	1676.5	1700.4	1702.4	1700.4	1676.5	1630.5	1561.7	1472.2	1375.4	1299.0
32.5°	2174.7	2268.9	2319.5	2326.6	2319.5	2268.9	2174.7	2039.0	1855.3	1687.2	1556.9
30°	3221.4	3413.4	3503.5	3482.1	3503.5	3413.4	3221.4	2924.2	2535.9	2247.5	1968.7
27.5°	5255.7	5734.5	6018.3	6040.9	6018.3	5734.5	5255.7	4590.2	3734.2	3253.5	2646.4
25°	8447.1	9264.5	9788.0	9796.4	9788.0	9264.5	8447.1	7347.2	6105.3	5024.7	3809.8
22.5°	12533.1	13648.9	14260.3	14367.0	14260.3	13648.9	12533.1	11030.9	9406.2	7628.7	5827.7
20°	17267.0	18751.3	19545.5	19546.4	19545.5	18751.3	17267.0	15274.0	13221.2	10785.1	8394.2
17.5°	23097.0	25507.1	27020.1	27671.4	27020.1	25507.1	23097.0	20196.7	17496.6	14388.2	11264.5
15°	30842.1	34892.3	37319.3	37756.7	37319.3	34892.3	30842.1	26632.1	22259.8	18225.7	14297.6
12.5°	40272.7	45398.4	48843.9	50106.7	48843.9	45398.4	40272.7	34360.3	27544.0	22187.7	17391.0
10°	50119.1	54868.3	58559.5	59799.9	58559.5	54868.3	50119.1	42619.5	34397.5	26348.3	20126.6
7.5°	57232.4	62895.6	67053.5	68879.3	67053.5	62895.6	57232.4	49782.2	40388.0	30803.3	23041.2
5°	62847.5	69548.5	73419.0	75136.8	73419.0	69548.5	62847.5	54883.6	45291.6	34558.3	25189.7
2.5°	66531.8	73153.1	77251.7	78835.6	77251.7	73153.1	66531.8	58124.7	48413.0	36859.8	26555.2
0°	67909.4	74383.6	78433.2	80367.8	78433.2	74383.6	67909.4	58933.3	49260.7	37405.9	27011.1
-2.5°	66531.8	73153.1	77251.7	78835.6	77251.7	73153.1	66531.8	58124.7	48413.0	36859.8	26555.2
-5°	62847.5	69548.5	73419.0	75136.8	73419.0	69548.5	62847.5	54883.6	45291.6	34558.3	25189.7
-7.5°	57232.4	62895.6	67053.5	68879.3	67053.5	62895.6	57232.4	49782.2	40388.0	30803.3	23041.2
-10°	50119.1	54868.3	58559.5	59799.9	58559.5	54868.3	50119.1	42619.5	34397.5	26348.3	20126.6
-12.5°	40272.7	45398.4	48843.9	50106.7	48843.9	45398.4	40272.7	34360.3	27544.0	22187.7	17391.0
-15°	30842.1	34892.3	37319.3	37756.7	37319.3	34892.3	30842.1	26632.1	22259.8	18225.7	14297.6
-17.5°	23097.0	25507.1	27020.1	27671.4	27020.1	25507.1	23097.0	20196.7	17496.6	14388.2	11264.5
-20°	17267.0	18751.3	19545.5	19546.4	19545.5	18751.3	17267.0	15274.0	13221.2	10785.1	8394.2



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	12533.1	13648.9	14260.3	14367.0	14260.3	13648.9	12533.1	11030.9	9406.2	7628.7	5827.7
-25°	8447.1	9264.5	9788.0	9796.4	9788.0	9264.5	8447.1	7347.2	6105.3	5024.7	3809.8
-27.5°	5255.7	5734.5	6018.3	6040.9	6018.3	5734.5	5255.7	4590.2	3734.2	3253.5	2646.4
-30°	3221.4	3413.4	3503.5	3482.1	3503.5	3413.4	3221.4	2924.2	2535.9	2247.5	1968.7
-32.5°	2174.7	2268.9	2319.5	2326.6	2319.5	2268.9	2174.7	2039.0	1855.3	1687.2	1556.9
-35°	1630.5	1676.5	1700.4	1702.4	1700.4	1676.5	1630.5	1561.7	1472.2	1375.4	1299.0
-37.5°	1318.1	1342.3	1353.1	1346.4	1353.1	1342.3	1318.1	1281.8	1232.9	1171.9	1125.0
-40°	1120.6	1134.0	1142.4	1150.4	1142.4	1134.0	1120.6	1099.7	1070.9	1036.1	1003.9
-42.5°	983.0	989.5	993.1	995.6	993.1	989.5	983.0	971.7	955.7	935.1	914.2
-45°	885.9	888.9	889.3	887.3	889.3	888.9	885.9	879.6	870.8	859.7	846.9
-47.5°	811.5	812.6	812.1	809.9	812.1	812.6	811.5	808.3	803.6	797.1	788.3
-50°	750.2	747.7	745.4	742.9	745.4	747.7	750.2	750.9	749.7	746.0	739.8
-52.5°	704.2	701.5	699.0	696.4	699.0	701.5	704.2	705.1	703.9	700.3	695.3
-55°	661.5	659.8	657.8	655.2	657.8	659.8	661.5	661.7	660.4	658.2	654.8
-57.5°	623.7	623.1	623.7	624.2	623.7	623.1	623.7	623.2	621.8	620.1	616.9
-60°	585.4	586.0	587.4	588.1	587.4	586.0	585.4	583.4	580.0	576.2	572.2
-62.5°	528.6	529.1	532.9	536.5	532.9	529.1	528.6	526.6	523.2	520.4	517.1
-65°	467.5	467.6	471.2	474.6	471.2	467.6	467.5	466.0	463.0	460.1	456.9
-67.5°	409.8	410.9	414.6	417.9	414.6	410.9	409.8	408.0	405.4	402.9	400.4
-70°	355.4	354.7	358.0	361.1	358.0	354.7	355.4	355.3	354.3	352.6	350.1
-72.5°	304.1	303.2	304.0	304.4	304.0	303.2	304.1	304.1	303.2	301.5	299.1
-75°	251.5	251.7	252.5	252.8	252.5	251.7	251.5	250.7	249.3	247.6	246.0
-77.5°	200.3	200.3	201.0	201.2	201.0	200.3	200.3	199.9	199.0	197.5	195.4
-80°	149.3	148.9	149.4	149.6	149.4	148.9	149.3	149.3	148.8	147.7	145.4
-82.5°	102.0	102.7	103.1	103.2	103.1	102.7	102.0	101.1	99.9	98.5	98.1
-85°	56.1	56.4	56.6	56.7	56.6	56.4	56.1	55.6	55.0	54.3	54.6
-87.5°	20.4	20.5	20.6	20.6	20.6	20.5	20.4	20.3	20.1	19.9	19.6
-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: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
85°	54.7	54.5	54.1	52.5	50.8	48.9	46.9	44.8	42.5	40.2	37.7
82.5°	97.4	96.5	95.1	91.6	88.0	84.3	80.7	77.5	74.1	70.5	66.8
80°	142.9	140.2	137.2	132.9	128.2	122.9	117.2	111.8	106.2	100.8	95.8
77.5°	192.5	189.0	184.6	179.0	173.0	166.5	159.6	152.5	145.4	137.9	130.1
75°	243.6	240.4	235.7	229.0	221.8	214.0	205.2	195.4	185.6	175.7	166.1
72.5°	296.1	292.3	287.0	279.3	270.6	261.3	251.3	240.1	227.9	214.5	202.3
70°	346.8	342.7	337.6	330.6	321.9	311.7	299.7	286.7	273.0	258.6	243.8
67.5°	396.6	391.6	386.1	379.9	372.3	362.7	349.9	334.8	319.0	302.7	285.6
65°	452.0	445.5	438.5	431.9	423.8	414.0	401.0	386.5	369.1	349.0	327.4
62.5°	512.6	506.7	496.5	485.8	475.1	463.8	449.1	433.2	417.2	398.7	373.0
60°	568.0	562.5	549.3	536.2	523.3	509.4	492.7	475.9	459.1	438.8	415.3
57.5°	612.2	603.8	591.4	578.9	566.1	549.2	531.5	514.8	496.3	476.8	454.9
55°	650.3	640.8	628.1	614.5	599.8	583.0	565.3	546.5	528.8	512.7	490.2
52.5°	689.0	677.1	663.4	648.7	632.5	614.4	595.5	575.8	558.6	541.8	523.0
50°	731.1	716.1	699.7	682.6	665.2	645.7	625.2	604.2	587.7	570.3	551.4
47.5°	776.4	758.6	739.2	719.7	699.5	678.4	656.2	633.6	615.5	597.6	578.0
45°	829.5	806.9	782.0	759.6	735.7	712.4	688.5	665.1	642.3	622.2	603.3
42.5°	891.2	864.3	835.9	805.4	774.7	747.8	721.0	695.8	670.4	646.2	624.4
40°	968.7	929.5	896.5	858.8	822.4	785.7	756.3	726.0	698.3	670.9	645.8
37.5°	1071.0	1016.3	968.8	919.8	876.2	832.7	794.9	760.5	726.0	696.5	668.4
35°	1209.1	1132.4	1057.8	994.7	936.2	884.9	836.9	796.6	758.5	722.5	691.0
32.5°	1404.5	1292.2	1172.4	1087.1	1006.7	940.2	883.7	833.6	790.1	750.4	714.3
30°	1711.0	1512.9	1342.9	1198.7	1094.9	1004.3	931.4	872.5	821.4	777.3	737.2
27.5°	2210.6	1807.0	1571.7	1355.9	1195.6	1082.5	987.9	911.1	851.9	803.5	759.7
25°	3020.8	2339.6	1863.5	1565.3	1332.9	1165.8	1048.7	957.3	884.7	827.3	775.7
22.5°	4207.6	3144.2	2325.2	1805.4	1501.1	1279.8	1120.8	1002.8	914.2	847.6	791.6
20°	6079.2	4181.8	2997.6	2194.3	1698.5	1389.2	1197.1	1056.2	950.3	869.6	805.6
17.5°	8320.9	5786.6	3759.0	2613.0	1954.6	1547.0	1286.1	1107.5	982.1	889.3	817.4
15°	10579.9	7465.1	4929.1	3220.0	2233.8	1685.0	1362.7	1151.7	1013.2	911.0	832.3
12.5°	13074.6	9263.4	5967.1	3721.9	2521.6	1851.3	1460.3	1211.4	1047.2	932.7	846.6
10°	15229.5	10943.3	7215.0	4526.0	2900.1	2025.7	1549.9	1262.5	1075.7	950.2	857.8
7.5°	17169.8	12378.4	8261.5	5153.5	3193.6	2164.1	1621.7	1303.3	1097.0	963.0	865.7
5°	18546.8	13475.1	9103.3	5627.6	3403.6	2259.9	1671.6	1332.0	1111.1	971.1	870.2
2.5°	19405.9	14135.1	9652.3	5909.1	3506.4	2312.3	1703.0	1348.4	1123.0	980.0	872.8
0°	19484.5	14088.5	9729.4	6046.0	3440.9	2321.4	1717.9	1351.6	1129.8	985.3	871.8
-2.5°	19405.9	14135.1	9652.3	5909.1	3506.4	2312.3	1703.0	1348.4	1123.0	980.0	872.8
-5°	18546.8	13475.1	9103.3	5627.6	3403.6	2259.9	1671.6	1332.0	1111.1	971.1	870.2
-7.5°	17169.8	12378.4	8261.5	5153.5	3193.6	2164.1	1621.7	1303.3	1097.0	963.0	865.7
-10°	15229.5	10943.3	7215.0	4526.0	2900.1	2025.7	1549.9	1262.5	1075.7	950.2	857.8
-12.5°	13074.6	9263.4	5967.1	3721.9	2521.6	1851.3	1460.3	1211.4	1047.2	932.7	846.6
-15°	10579.9	7465.1	4929.1	3220.0	2233.8	1685.0	1362.7	1151.7	1013.2	911.0	832.3
-17.5°	8320.9	5786.6	3759.0	2613.0	1954.6	1547.0	1286.1	1107.5	982.1	889.3	817.4
-20°	6079.2	4181.8	2997.6	2194.3	1698.5	1389.2	1197.1	1056.2	950.3	869.6	805.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4207.6	3144.2	2325.2	1805.4	1501.1	1279.8	1120.8	1002.8	914.2	847.6	791.6
-25°	3020.8	2339.6	1863.5	1565.3	1332.9	1165.8	1048.7	957.3	884.7	827.3	775.7
-27.5°	2210.6	1807.0	1571.7	1355.9	1195.6	1082.5	987.9	911.1	851.9	803.5	759.7
-30°	1711.0	1512.9	1342.9	1198.7	1094.9	1004.3	931.4	872.5	821.4	777.3	737.2
-32.5°	1404.5	1292.2	1172.4	1087.1	1006.7	940.2	883.7	833.6	790.1	750.4	714.3
-35°	1209.1	1132.4	1057.8	994.7	936.2	884.9	836.9	796.6	758.5	722.5	691.0
-37.5°	1071.0	1016.3	968.8	919.8	876.2	832.7	794.9	760.5	726.0	696.5	668.4
-40°	968.7	929.5	896.5	858.8	822.4	785.7	756.3	726.0	698.3	670.9	645.8
-42.5°	891.2	864.3	835.9	805.4	774.7	747.8	721.0	695.8	670.4	646.2	624.4
-45°	829.5	806.9	782.0	759.6	735.7	712.4	688.5	665.1	642.3	622.2	603.3
-47.5°	776.4	758.6	739.2	719.7	699.5	678.4	656.2	633.6	615.5	597.6	578.0
-50°	731.1	716.1	699.7	682.6	665.2	645.7	625.2	604.2	587.7	570.3	551.4
-52.5°	689.0	677.1	663.4	648.7	632.5	614.4	595.5	575.8	558.6	541.8	523.0
-55°	650.3	640.8	628.1	614.5	599.8	583.0	565.3	546.5	528.8	512.7	490.2
-57.5°	612.2	603.8	591.4	578.9	566.1	549.2	531.5	514.8	496.3	476.8	454.9
-60°	568.0	562.5	549.3	536.2	523.3	509.4	492.7	475.9	459.1	438.8	415.3
-62.5°	512.6	506.7	496.5	485.8	475.1	463.8	449.1	433.2	417.2	398.7	373.0
-65°	452.0	445.5	438.5	431.9	423.8	414.0	401.0	386.5	369.1	349.0	327.4
-67.5°	396.6	391.6	386.1	379.9	372.3	362.7	349.9	334.8	319.0	302.7	285.6
-70°	346.8	342.7	337.6	330.6	321.9	311.7	299.7	286.7	273.0	258.6	243.8
-72.5°	296.1	292.3	287.0	279.3	270.6	261.3	251.3	240.1	227.9	214.5	202.3
-75°	243.6	240.4	235.7	229.0	221.8	214.0	205.2	195.4	185.6	175.7	166.1
-77.5°	192.5	189.0	184.6	179.0	173.0	166.5	159.6	152.5	145.4	137.9	130.1
-80°	142.9	140.2	137.2	132.9	128.2	122.9	117.2	111.8	106.2	100.8	95.8
-82.5°	97.4	96.5	95.1	91.6	88.0	84.3	80.7	77.5	74.1	70.5	66.8
-85°	54.7	54.5	54.1	52.5	50.8	48.9	46.9	44.8	42.5	40.2	37.7
-87.5°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
-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: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
85°	35.1	32.4	29.5	26.6	23.6	20.6	19.0	17.4	15.7	14.1	12.4
82.5°	62.9	58.8	54.6	50.2	45.7	41.1	36.4	31.5	26.4	21.5	18.5
80°	90.6	85.2	79.5	73.8	67.9	61.6	55.3	48.7	41.5	34.6	28.0
77.5°	121.9	113.5	104.7	97.4	90.7	83.3	75.3	66.2	56.4	47.5	38.9
75°	156.3	146.1	135.5	125.1	115.1	105.0	95.8	85.3	72.9	60.4	49.7
72.5°	191.6	179.9	167.1	154.0	142.2	130.0	117.5	104.1	90.0	75.6	61.1
70°	229.1	214.5	200.2	185.4	170.3	155.0	140.5	124.4	106.8	90.6	74.3
67.5°	267.9	250.6	233.5	216.7	199.4	181.7	163.6	144.7	125.2	105.5	87.2
65°	307.7	287.2	266.3	247.6	228.3	208.5	188.2	165.3	143.3	121.6	100.0
62.5°	348.1	324.4	301.3	278.5	256.7	234.9	212.2	186.4	161.3	137.4	113.5
60°	388.9	361.6	335.5	310.2	285.1	260.7	235.2	206.9	179.5	152.9	127.0
57.5°	427.9	397.8	368.2	340.5	313.4	286.3	257.7	227.2	197.1	168.3	140.3
55°	465.8	435.1	400.3	368.8	339.9	311.2	279.4	247.1	214.3	183.1	153.1
52.5°	499.3	468.6	432.6	396.6	364.2	334.1	300.2	266.5	231.7	197.4	165.6
50°	529.6	498.6	462.4	424.3	387.5	354.1	320.0	284.4	248.5	211.4	177.7
47.5°	555.7	526.0	490.3	450.5	411.1	373.4	338.0	301.3	264.8	225.9	189.3
45°	579.4	552.4	517.0	476.2	433.1	393.0	354.9	317.3	279.1	239.8	200.5
42.5°	601.5	575.3	542.9	501.3	455.4	411.8	371.0	332.1	292.6	253.0	211.6
40°	621.5	595.3	567.2	524.8	476.5	429.4	387.0	346.0	305.3	265.1	222.5
37.5°	641.3	614.2	585.1	546.7	496.3	447.4	401.8	359.1	317.4	275.9	232.7
35°	661.6	632.5	600.8	563.9	515.2	464.0	415.5	371.5	328.9	286.0	242.1
32.5°	681.1	649.0	615.2	578.5	532.8	479.0	428.8	383.5	339.6	295.5	250.9
30°	700.2	662.6	627.9	593.4	548.2	493.8	441.8	394.7	349.6	304.3	258.8
27.5°	714.8	674.5	639.1	605.1	561.1	507.4	454.4	405.0	358.8	312.4	265.9
25°	727.9	685.8	648.8	614.3	573.9	521.5	466.0	414.4	367.1	319.8	272.3
22.5°	741.0	695.7	656.9	622.2	585.9	534.2	477.0	423.8	374.7	326.4	278.1
20°	752.3	703.6	663.5	629.4	594.0	544.1	487.3	432.1	381.3	332.3	283.2
17.5°	762.0	711.7	670.5	635.3	599.5	552.4	496.2	439.4	387.1	337.4	287.6
15°	771.8	720.1	676.4	639.9	604.3	559.3	503.9	445.6	392.0	341.8	291.7
12.5°	780.3	726.4	681.0	643.2	608.3	564.6	510.2	450.7	396.1	345.8	295.6
10°	786.9	730.5	684.3	645.2	611.4	568.5	515.2	455.5	400.9	349.5	298.7
7.5°	791.5	732.6	686.2	646.1	613.6	572.0	520.0	460.7	405.1	352.3	301.2
5°	794.6	733.5	687.4	648.0	615.0	575.2	523.5	464.7	408.6	354.4	303.0
2.5°	798.3	733.8	687.5	649.5	615.0	577.2	525.5	467.6	411.1	355.6	304.0
0°	799.6	732.5	686.1	650.0	613.9	577.8	526.2	469.4	412.7	356.0	304.4
-2.5°	798.3	733.8	687.5	649.5	615.0	577.2	525.5	467.6	411.1	355.6	304.0
-5°	794.6	733.5	687.4	648.0	615.0	575.2	523.5	464.7	408.6	354.4	303.0
-7.5°	791.5	732.6	686.2	646.1	613.6	572.0	520.0	460.7	405.1	352.3	301.2
-10°	786.9	730.5	684.3	645.2	611.4	568.5	515.2	455.5	400.9	349.5	298.7
-12.5°	780.3	726.4	681.0	643.2	608.3	564.6	510.2	450.7	396.1	345.8	295.6
-15°	771.8	720.1	676.4	639.9	604.3	559.3	503.9	445.6	392.0	341.8	291.7
-17.5°	762.0	711.7	670.5	635.3	599.5	552.4	496.2	439.4	387.1	337.4	287.6
-20°	752.3	703.6	663.5	629.4	594.0	544.1	487.3	432.1	381.3	332.3	283.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	741.0	695.7	656.9	622.2	585.9	534.2	477.0	423.8	374.7	326.4	278.1
-25°	727.9	685.8	648.8	614.3	573.9	521.5	466.0	414.4	367.1	319.8	272.3
-27.5°	714.8	674.5	639.1	605.1	561.1	507.4	454.4	405.0	358.8	312.4	265.9
-30°	700.2	662.6	627.9	593.4	548.2	493.8	441.8	394.7	349.6	304.3	258.8
-32.5°	681.1	649.0	615.2	578.5	532.8	479.0	428.8	383.5	339.6	295.5	250.9
-35°	661.6	632.5	600.8	563.9	515.2	464.0	415.5	371.5	328.9	286.0	242.1
-37.5°	641.3	614.2	585.1	546.7	496.3	447.4	401.8	359.1	317.4	275.9	232.7
-40°	621.5	595.3	567.2	524.8	476.5	429.4	387.0	346.0	305.3	265.1	222.5
-42.5°	601.5	575.3	542.9	501.3	455.4	411.8	371.0	332.1	292.6	253.0	211.6
-45°	579.4	552.4	517.0	476.2	433.1	393.0	354.9	317.3	279.1	239.8	200.5
-47.5°	555.7	526.0	490.3	450.5	411.1	373.4	338.0	301.3	264.8	225.9	189.3
-50°	529.6	498.6	462.4	424.3	387.5	354.1	320.0	284.4	248.5	211.4	177.7
-52.5°	499.3	468.6	432.6	396.6	364.2	334.1	300.2	266.5	231.7	197.4	165.6
-55°	465.8	435.1	400.3	368.8	339.9	311.2	279.4	247.1	214.3	183.1	153.1
-57.5°	427.9	397.8	368.2	340.5	313.4	286.3	257.7	227.2	197.1	168.3	140.3
-60°	388.9	361.6	335.5	310.2	285.1	260.7	235.2	206.9	179.5	152.9	127.0
-62.5°	348.1	324.4	301.3	278.5	256.7	234.9	212.2	186.4	161.3	137.4	113.5
-65°	307.7	287.2	266.3	247.6	228.3	208.5	188.2	165.3	143.3	121.6	100.0
-67.5°	267.9	250.6	233.5	216.7	199.4	181.7	163.6	144.7	125.2	105.5	87.2
-70°	229.1	214.5	200.2	185.4	170.3	155.0	140.5	124.4	106.8	90.6	74.3
-72.5°	191.6	179.9	167.1	154.0	142.2	130.0	117.5	104.1	90.0	75.6	61.1
-75°	156.3	146.1	135.5	125.1	115.1	105.0	95.8	85.3	72.9	60.4	49.7
-77.5°	121.9	113.5	104.7	97.4	90.7	83.3	75.3	66.2	56.4	47.5	38.9
-80°	90.6	85.2	79.5	73.8	67.9	61.6	55.3	48.7	41.5	34.6	28.0
-82.5°	62.9	58.8	54.6	50.2	45.7	41.1	36.4	31.5	26.4	21.5	18.5
-85°	35.1	32.4	29.5	26.6	23.6	20.6	19.0	17.4	15.7	14.1	12.4
-87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.7	8.9	7.1	5.4	3.6	1.8	0.0
82.5°	16.0	13.3	10.7	8.0	5.4	2.7	0.0
80°	21.7	17.7	14.2	10.7	7.1	3.6	0.0
77.5°	30.9	23.3	17.7	13.3	8.9	4.5	0.0
75°	40.0	30.9	21.7	16.0	10.7	5.3	0.0
72.5°	49.0	38.4	27.7	18.5	12.4	6.2	0.0
70°	58.2	45.8	33.7	21.4	14.1	7.0	0.0
67.5°	69.4	53.1	39.5	25.8	15.7	7.9	0.0
65°	80.5	61.3	45.3	30.2	17.4	8.7	0.0
62.5°	91.4	70.4	50.9	34.4	19.0	9.5	0.0
60°	102.0	79.3	56.4	38.5	20.6	10.3	0.0
57.5°	113.2	87.9	63.3	42.6	23.3	11.1	0.0
55°	124.0	96.3	70.0	46.5	25.9	11.8	0.0
52.5°	134.5	104.6	76.6	50.3	28.4	12.5	0.0
50°	144.6	112.9	82.9	54.0	30.9	13.2	0.0
47.5°	154.3	120.9	89.0	57.8	33.2	13.9	0.0
45°	163.8	128.5	94.9	62.2	35.5	14.6	0.0
42.5°	173.0	135.7	100.5	66.4	37.7	15.2	0.0
40°	181.7	142.5	105.9	70.4	39.8	15.8	0.0
37.5°	190.0	148.8	111.1	74.1	41.8	16.3	0.0
35°	197.7	155.1	115.9	77.5	43.6	16.9	0.0
32.5°	205.1	161.2	120.4	80.7	45.4	17.4	0.0
30°	212.1	166.9	124.5	83.7	47.0	17.8	0.0
27.5°	218.5	172.1	128.3	86.3	48.5	18.3	0.0
25°	224.3	176.9	131.8	88.7	49.9	18.7	0.0
22.5°	229.4	181.2	135.0	90.8	51.2	19.0	0.0
20°	233.9	184.9	137.9	92.7	52.3	19.4	0.0
17.5°	238.0	188.1	140.5	94.3	53.4	19.6	0.0
15°	241.8	190.8	142.9	95.6	54.2	19.9	0.0
12.5°	245.0	192.9	144.9	96.6	55.0	20.1	0.0
10°	247.8	194.5	146.5	97.4	55.6	20.3	0.0
7.5°	249.9	195.6	147.9	97.9	56.1	20.4	0.0
5°	251.5	196.2	148.8	98.2	56.4	20.5	0.0
2.5°	252.5	196.3	149.4	98.2	56.6	20.6	0.0
0°	252.8	196.0	149.6	98.0	56.7	20.6	0.0
-2.5°	252.5	196.3	149.4	98.2	56.6	20.6	0.0
-5°	251.5	196.2	148.8	98.2	56.4	20.5	0.0
-7.5°	249.9	195.6	147.9	97.9	56.1	20.4	0.0
-10°	247.8	194.5	146.5	97.4	55.6	20.3	0.0
-12.5°	245.0	192.9	144.9	96.6	55.0	20.1	0.0
-15°	241.8	190.8	142.9	95.6	54.2	19.9	0.0
-17.5°	238.0	188.1	140.5	94.3	53.4	19.6	0.0
-20°	233.9	184.9	137.9	92.7	52.3	19.4	0.0

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REPORT NUMBER: P627585 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	229.4	181.2	135.0	90.8	51.2	19.0	0.0
-25°	224.3	176.9	131.8	88.7	49.9	18.7	0.0
-27.5°	218.5	172.1	128.3	86.3	48.5	18.3	0.0
-30°	212.1	166.9	124.5	83.7	47.0	17.8	0.0
-32.5°	205.1	161.2	120.4	80.7	45.4	17.4	0.0
-35°	197.7	155.1	115.9	77.5	43.6	16.9	0.0
-37.5°	190.0	148.8	111.1	74.1	41.8	16.3	0.0
-40°	181.7	142.5	105.9	70.4	39.8	15.8	0.0
-42.5°	173.0	135.7	100.5	66.4	37.7	15.2	0.0
-45°	163.8	128.5	94.9	62.2	35.5	14.6	0.0
-47.5°	154.3	120.9	89.0	57.8	33.2	13.9	0.0
-50°	144.6	112.9	82.9	54.0	30.9	13.2	0.0
-52.5°	134.5	104.6	76.6	50.3	28.4	12.5	0.0
-55°	124.0	96.3	70.0	46.5	25.9	11.8	0.0
-57.5°	113.2	87.9	63.3	42.6	23.3	11.1	0.0
-60°	102.0	79.3	56.4	38.5	20.6	10.3	0.0
-62.5°	91.4	70.4	50.9	34.4	19.0	9.5	0.0
-65°	80.5	61.3	45.3	30.2	17.4	8.7	0.0
-67.5°	69.4	53.1	39.5	25.8	15.7	7.9	0.0
-70°	58.2	45.8	33.7	21.4	14.1	7.0	0.0
-72.5°	49.0	38.4	27.7	18.5	12.4	6.2	0.0
-75°	40.0	30.9	21.7	16.0	10.7	5.3	0.0
-77.5°	30.9	23.3	17.7	13.3	8.9	4.5	0.0
-80°	21.7	17.7	14.2	10.7	7.1	3.6	0.0
-82.5°	16.0	13.3	10.7	8.0	5.4	2.7	0.0
-85°	10.7	8.9	7.1	5.4	3.6	1.8	0.0
-87.5°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)