

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: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627845 (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-SA6C-722-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N131
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

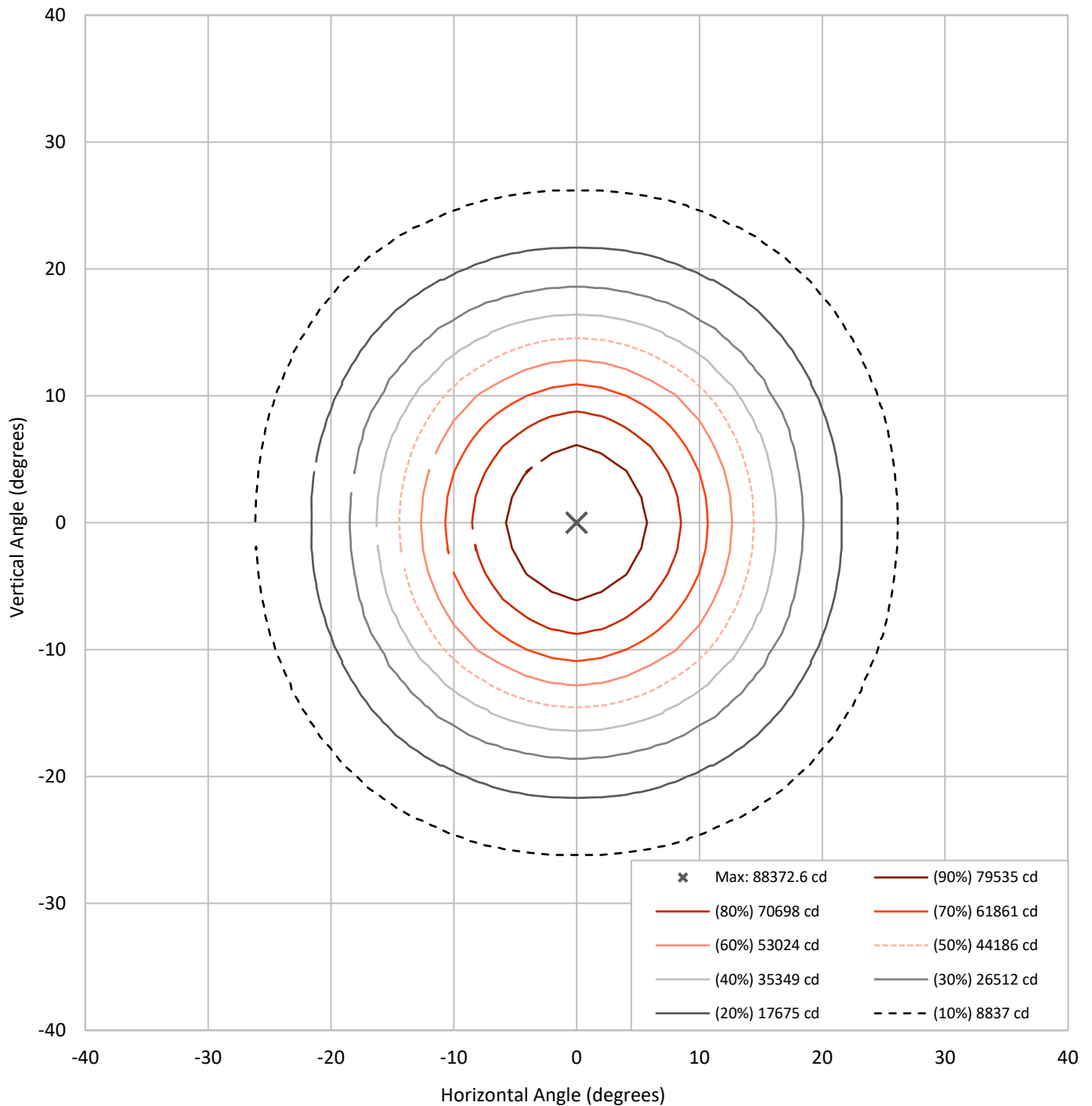
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	27610.7 lumens	Max Intensity:	88372.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.6 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:	13423.9 lumens	Field Lumens:	22654.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	247.5		
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





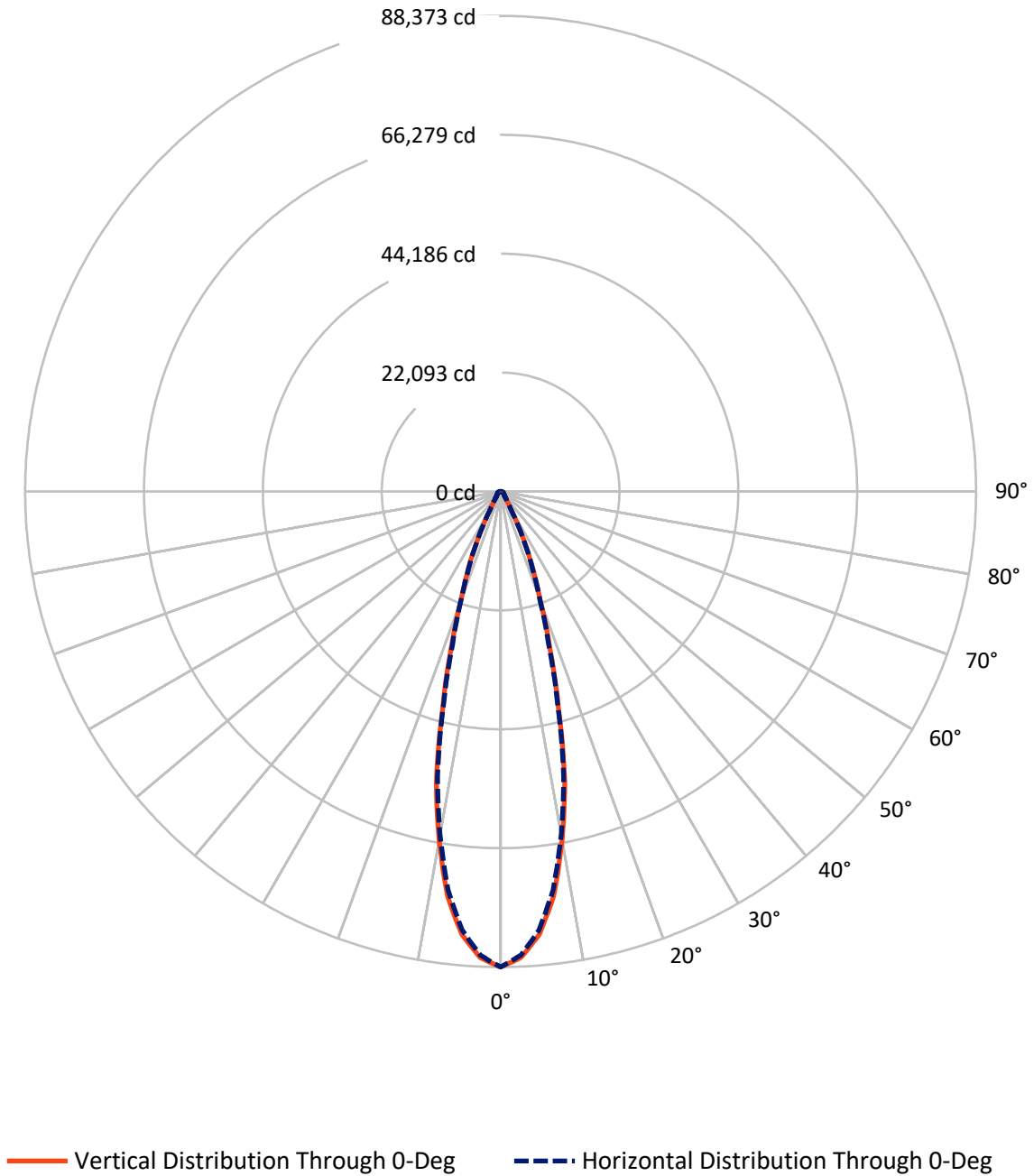
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Lumen Table

90	0.5		4.6		12.0		18.9		21.0		18.9		12.0		4.6		0.5		
80	0.5		4.6		12.0		18.9		21.0		18.9		12.0		4.6		0.5		
70	2.1	2.4	4.8	7.8	10.9	13.4	14.9	15.7	15.7	14.9	13.4	10.9	7.8	4.8	2.4	2.1			
60		3.5	7.1	11.5	15.4	19.0	21.3	22.1	22.1	21.3	19.0	15.4	11.5	7.1	3.5				
50	3.6	4.5	9.2	14.2	18.9	23.9	28.1	30.2	30.2	28.1	23.9	18.9	14.2	9.2	4.5	3.6			
40		5.3	10.7	16.4	23.2	33.1	47.9	62.2	62.2	47.9	33.1	23.2	16.4	10.7	5.3				
30	4.7	6.0	11.7	18.5	29.7	64.6	181.7	322.3	322.3	181.7	64.6	29.7	18.5	11.7	6.0	4.7			
20		6.4	12.3	20.1	40.4	169.5	604.0	1157.4	1157.4	604.0	169.5	40.4	20.1	12.3	6.4				
10	5.0	6.7	12.5	21.1	51.4	292.5	1117.9	2198.9	2198.9	1117.9	292.5	51.4	21.1	12.5	6.7	5.0			
0		6.7	12.5	21.1	51.4	292.5	1117.9	2198.9	2198.9	1117.9	292.5	51.4	21.1	12.5	6.7				
-10	4.7	6.4	12.3	20.1	40.4	169.5	604.0	1157.4	1157.4	604.0	169.5	40.4	20.1	12.3	6.4	4.7			
-20		6.0	11.7	18.5	29.7	64.6	181.7	322.3	322.3	181.7	64.6	29.7	18.5	11.7	6.0				
-30	3.6	5.3	10.7	16.4	23.2	33.1	47.9	62.2	62.2	47.9	33.1	23.2	16.4	10.7	5.3	3.6			
-40		4.5	9.2	14.2	18.9	23.9	28.1	30.2	30.2	28.1	23.9	18.9	14.2	9.2	4.5				
-50	2.1	3.5	7.1	11.5	15.4	19.0	21.3	22.1	22.1	21.3	19.0	15.4	11.5	7.1	3.5	2.1			
-60		2.4	4.8	7.8	10.9	13.4	14.9	15.7	15.7	14.9	13.4	10.9	7.8	4.8	2.4				
-70	0.5		4.6		12.0		18.9		21.0		18.9		12.0		4.6		0.5		
-80	0.5		4.6		12.0		18.9		21.0		18.9		12.0		4.6		0.5		
-90	0.5		4.6		12.0		18.9		21.0		18.9		12.0		4.6		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

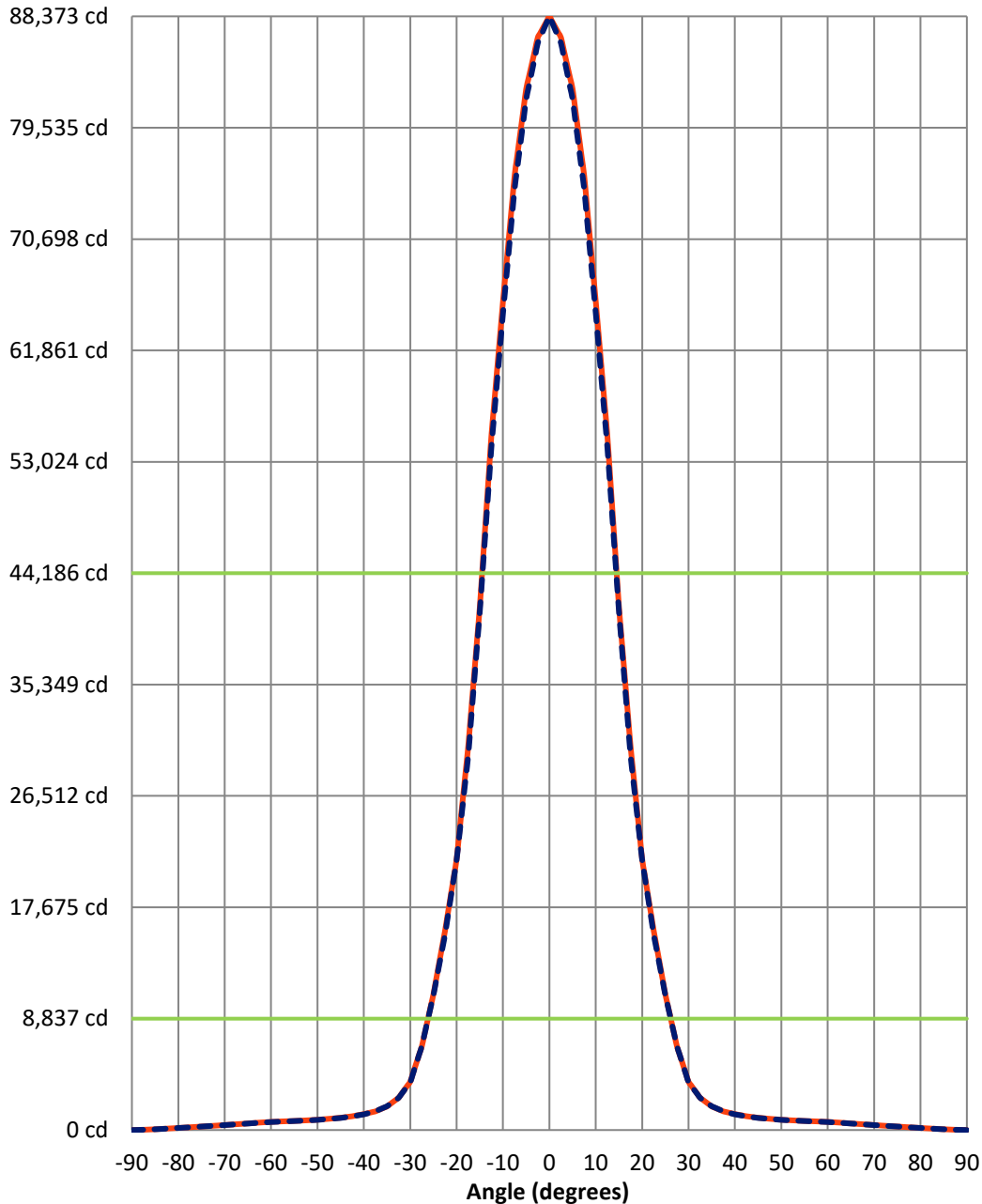
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 13423.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 22654.1
 Efficiency: 82.0%

Spill:
 Lumens: 4956.6
 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	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.6
85°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	13.6	15.5	17.4	19.2
82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	20.4	23.7	29.1	34.7
80°	0.0	3.9	7.9	11.8	15.7	19.6	23.9	30.8	38.0	45.7	53.6
77.5°	0.0	4.9	9.8	14.7	19.6	25.6	34.0	42.9	52.2	62.1	72.9
75°	0.0	5.9	11.7	17.6	23.9	34.0	44.0	54.8	66.5	80.2	93.8
72.5°	0.0	6.8	13.6	20.4	30.5	42.3	53.9	67.2	83.2	99.0	114.5
70°	0.0	7.8	15.5	23.6	37.1	50.4	64.0	81.7	99.7	117.5	136.7
67.5°	0.0	8.7	17.4	28.5	43.5	58.4	76.4	96.0	116.0	137.7	159.1
65°	0.0	9.6	19.2	33.2	49.8	67.5	88.6	110.0	133.7	157.6	181.7
62.5°	0.0	10.5	20.9	37.9	56.0	77.4	100.5	124.8	151.1	177.3	204.9
60°	0.0	11.3	22.7	42.4	62.1	87.2	112.2	139.7	168.1	197.3	227.5
57.5°	0.0	12.2	25.6	46.9	69.6	96.7	124.4	154.2	185.0	216.7	249.8
55°	0.0	13.0	28.5	51.2	77.0	106.0	136.4	168.4	201.4	235.6	271.7
52.5°	0.0	13.8	31.3	55.4	84.2	115.0	147.9	182.1	217.1	254.8	293.0
50°	0.0	14.6	34.0	59.4	91.2	124.2	159.0	195.4	232.5	273.3	312.7
47.5°	0.0	15.3	36.6	63.6	97.9	132.9	169.6	208.2	248.4	291.1	331.3
45°	0.0	16.0	39.1	68.4	104.4	141.3	180.1	220.4	263.7	306.9	348.9
42.5°	0.0	16.7	41.5	73.1	110.5	149.2	190.2	232.7	278.2	321.7	365.1
40°	0.0	17.4	43.8	77.4	116.5	156.6	199.8	244.6	291.5	335.6	380.4
37.5°	0.0	18.0	46.0	81.5	122.1	163.7	208.9	255.8	303.3	349.0	394.9
35°	0.0	18.6	48.0	85.3	127.4	170.6	217.4	266.3	314.5	361.6	408.5
32.5°	0.0	19.1	49.9	88.8	132.4	177.3	225.6	275.9	324.9	373.4	421.7
30°	0.0	19.7	51.7	92.0	137.0	183.5	233.2	284.6	334.6	384.4	434.0
27.5°	0.0	20.1	53.4	95.0	141.1	189.2	240.3	292.4	343.5	394.5	445.3
25°	0.0	20.6	54.9	97.6	144.9	194.5	246.6	299.4	351.6	403.7	455.6
22.5°	0.0	21.0	56.3	99.9	148.4	199.2	252.3	305.8	358.9	412.0	466.0
20°	0.0	21.3	57.6	101.9	151.7	203.3	257.2	311.4	365.4	419.3	475.2
17.5°	0.0	21.6	58.7	103.7	154.5	206.9	261.8	316.2	371.0	425.7	483.2
15°	0.0	21.9	59.7	105.1	157.1	209.8	265.9	320.8	375.8	431.1	490.0
12.5°	0.0	22.2	60.5	106.3	159.3	212.2	269.5	325.0	380.2	435.5	495.6
10°	0.0	22.4	61.2	107.1	161.1	213.9	272.5	328.5	384.2	440.8	500.8
7.5°	0.0	22.5	61.7	107.7	162.6	215.2	274.8	331.2	387.4	445.5	506.5
5°	0.0	22.6	62.1	108.0	163.6	215.8	276.6	333.1	389.6	449.3	511.0
2.5°	0.0	22.7	62.3	108.0	164.3	216.0	277.6	334.3	390.9	452.1	514.2
0°	0.0	22.7	62.4	107.8	164.5	215.6	278.0	334.7	391.4	453.8	516.2
-2.5°	0.0	22.7	62.3	108.0	164.3	216.0	277.6	334.3	390.9	452.1	514.2
-5°	0.0	22.6	62.1	108.0	163.6	215.8	276.6	333.1	389.6	449.3	511.0
-7.5°	0.0	22.5	61.7	107.7	162.6	215.2	274.8	331.2	387.4	445.5	506.5
-10°	0.0	22.4	61.2	107.1	161.1	213.9	272.5	328.5	384.2	440.8	500.8
-12.5°	0.0	22.2	60.5	106.3	159.3	212.2	269.5	325.0	380.2	435.5	495.6
-15°	0.0	21.9	59.7	105.1	157.1	209.8	265.9	320.8	375.8	431.1	490.0
-17.5°	0.0	21.6	58.7	103.7	154.5	206.9	261.8	316.2	371.0	425.7	483.2
-20°	0.0	21.3	57.6	101.9	151.7	203.3	257.2	311.4	365.4	419.3	475.2

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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	21.0	56.3	99.9	148.4	199.2	252.3	305.8	358.9	412.0	466.0
-25°	0.0	20.6	54.9	97.6	144.9	194.5	246.6	299.4	351.6	403.7	455.6
-27.5°	0.0	20.1	53.4	95.0	141.1	189.2	240.3	292.4	343.5	394.5	445.3
-30°	0.0	19.7	51.7	92.0	137.0	183.5	233.2	284.6	334.6	384.4	434.0
-32.5°	0.0	19.1	49.9	88.8	132.4	177.3	225.6	275.9	324.9	373.4	421.7
-35°	0.0	18.6	48.0	85.3	127.4	170.6	217.4	266.3	314.5	361.6	408.5
-37.5°	0.0	18.0	46.0	81.5	122.1	163.7	208.9	255.8	303.3	349.0	394.9
-40°	0.0	17.4	43.8	77.4	116.5	156.6	199.8	244.6	291.5	335.6	380.4
-42.5°	0.0	16.7	41.5	73.1	110.5	149.2	190.2	232.7	278.2	321.7	365.1
-45°	0.0	16.0	39.1	68.4	104.4	141.3	180.1	220.4	263.7	306.9	348.9
-47.5°	0.0	15.3	36.6	63.6	97.9	132.9	169.6	208.2	248.4	291.1	331.3
-50°	0.0	14.6	34.0	59.4	91.2	124.2	159.0	195.4	232.5	273.3	312.7
-52.5°	0.0	13.8	31.3	55.4	84.2	115.0	147.9	182.1	217.1	254.8	293.0
-55°	0.0	13.0	28.5	51.2	77.0	106.0	136.4	168.4	201.4	235.6	271.7
-57.5°	0.0	12.2	25.6	46.9	69.6	96.7	124.4	154.2	185.0	216.7	249.8
-60°	0.0	11.3	22.7	42.4	62.1	87.2	112.2	139.7	168.1	197.3	227.5
-62.5°	0.0	10.5	20.9	37.9	56.0	77.4	100.5	124.8	151.1	177.3	204.9
-65°	0.0	9.6	19.2	33.2	49.8	67.5	88.6	110.0	133.7	157.6	181.7
-67.5°	0.0	8.7	17.4	28.5	43.5	58.4	76.4	96.0	116.0	137.7	159.1
-70°	0.0	7.8	15.5	23.6	37.1	50.4	64.0	81.7	99.7	117.5	136.7
-72.5°	0.0	6.8	13.6	20.4	30.5	42.3	53.9	67.2	83.2	99.0	114.5
-75°	0.0	5.9	11.7	17.6	23.9	34.0	44.0	54.8	66.5	80.2	93.8
-77.5°	0.0	4.9	9.8	14.7	19.6	25.6	34.0	42.9	52.2	62.1	72.9
-80°	0.0	3.9	7.9	11.8	15.7	19.6	23.9	30.8	38.0	45.7	53.6
-82.5°	0.0	3.0	5.9	8.9	11.8	14.7	17.6	20.4	23.7	29.1	34.7
-85°	0.0	2.0	4.0	5.9	7.9	9.8	11.7	13.6	15.5	17.4	19.2
-87.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	7.8	8.7	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10.5	11.3	12.2	13.0	13.8	14.6	15.3	16.0	16.7	17.4	18.0
85°	20.9	22.7	26.0	29.3	32.5	35.6	38.6	41.5	44.2	46.8	49.3
82.5°	40.0	45.3	50.3	55.3	60.1	64.7	69.2	73.5	77.6	81.5	85.2
80°	60.8	67.8	74.7	81.2	87.5	93.7	99.6	105.4	110.9	116.8	123.0
77.5°	82.8	91.6	99.7	107.1	115.1	124.8	134.1	143.1	151.7	159.9	167.6
75°	105.4	115.5	126.6	137.5	149.0	160.6	171.8	182.7	193.2	204.1	214.9
72.5°	129.2	143.0	156.4	169.4	183.7	197.8	210.8	222.5	235.9	250.6	264.1
70°	154.5	170.4	187.2	203.9	220.2	235.9	251.9	268.0	284.3	300.1	315.2
67.5°	179.9	199.8	219.3	238.3	256.7	275.5	294.6	314.0	332.8	350.7	368.1
65°	206.9	229.2	251.0	272.2	292.8	315.7	338.2	359.9	383.7	405.8	424.9
62.5°	233.2	258.2	282.2	306.2	331.3	356.6	382.7	410.1	438.4	458.8	476.4
60°	258.6	286.7	313.5	341.0	368.9	397.5	427.6	456.7	482.6	504.9	523.4
57.5°	283.3	314.8	344.5	374.3	404.9	437.4	470.5	500.3	524.3	545.8	566.1
55°	307.2	342.1	373.7	405.5	440.2	478.4	512.2	539.1	563.7	581.5	600.9
52.5°	330.0	367.4	400.5	436.1	475.7	515.4	549.0	575.1	595.8	614.2	633.1
50°	351.8	389.4	426.1	466.6	508.5	548.3	582.3	606.3	627.1	646.2	664.4
47.5°	371.6	410.7	452.1	495.4	539.2	578.4	611.1	635.5	657.1	676.7	696.8
45°	390.2	432.2	476.3	523.6	568.5	607.4	637.1	663.4	684.1	706.2	731.4
42.5°	408.0	452.9	500.8	551.2	597.0	632.6	661.4	686.6	710.5	737.1	765.1
40°	425.5	472.2	524.0	577.0	623.7	654.6	683.4	710.1	737.7	767.8	798.3
37.5°	441.8	492.0	545.7	601.1	643.3	675.4	705.2	735.0	765.9	798.3	836.2
35°	456.8	510.2	566.5	620.1	660.6	695.6	727.5	759.8	794.4	834.1	875.9
32.5°	471.4	526.7	585.9	636.1	676.4	713.7	748.9	785.5	825.1	868.8	916.6
30°	485.8	542.9	602.8	652.4	690.5	728.7	770.0	810.6	854.7	903.2	959.4
27.5°	499.7	557.9	617.0	665.3	702.8	741.6	786.0	835.4	883.5	936.7	1001.8
25°	512.4	573.4	631.0	675.5	713.4	754.1	800.4	853.0	909.6	972.8	1052.6
22.5°	524.5	587.3	644.2	684.1	722.3	765.0	814.8	870.4	932.0	1005.2	1102.7
20°	535.8	598.2	653.1	692.1	729.6	773.7	827.3	885.8	956.2	1044.9	1161.4
17.5°	545.7	607.4	659.2	698.6	737.3	782.6	837.9	898.9	977.9	1079.9	1217.7
15°	554.1	614.9	664.4	703.6	743.8	791.9	848.8	915.2	1001.8	1114.2	1266.4
12.5°	561.0	620.8	668.9	707.2	748.9	798.7	858.0	930.9	1025.6	1151.5	1332.0
10°	566.5	625.1	672.3	709.5	752.4	803.3	865.3	943.2	1044.8	1182.8	1388.2
7.5°	571.8	628.9	674.8	710.4	754.5	805.5	870.3	951.9	1058.9	1206.2	1433.1
5°	575.6	632.4	676.2	712.5	755.8	806.5	873.7	956.9	1067.8	1221.7	1464.7
2.5°	577.9	634.6	676.2	714.1	755.9	807.0	877.8	959.7	1077.6	1234.8	1482.8
0°	578.6	635.3	675.0	714.7	754.4	805.5	879.2	958.7	1083.5	1242.3	1486.2
-2.5°	577.9	634.6	676.2	714.1	755.9	807.0	877.8	959.7	1077.6	1234.8	1482.8
-5°	575.6	632.4	676.2	712.5	755.8	806.5	873.7	956.9	1067.8	1221.7	1464.7
-7.5°	571.8	628.9	674.8	710.4	754.5	805.5	870.3	951.9	1058.9	1206.2	1433.1
-10°	566.5	625.1	672.3	709.5	752.4	803.3	865.3	943.2	1044.8	1182.8	1388.2
-12.5°	561.0	620.8	668.9	707.2	748.9	798.7	858.0	930.9	1025.6	1151.5	1332.0
-15°	554.1	614.9	664.4	703.6	743.8	791.9	848.8	915.2	1001.8	1114.2	1266.4
-17.5°	545.7	607.4	659.2	698.6	737.3	782.6	837.9	898.9	977.9	1079.9	1217.7
-20°	535.8	598.2	653.1	692.1	729.6	773.7	827.3	885.8	956.2	1044.9	1161.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	524.5	587.3	644.2	684.1	722.3	765.0	814.8	870.4	932.0	1005.2	1102.7
-25°	512.4	573.4	631.0	675.5	713.4	754.1	800.4	853.0	909.6	972.8	1052.6
-27.5°	499.7	557.9	617.0	665.3	702.8	741.6	786.0	835.4	883.5	936.7	1001.8
-30°	485.8	542.9	602.8	652.4	690.5	728.7	770.0	810.6	854.7	903.2	959.4
-32.5°	471.4	526.7	585.9	636.1	676.4	713.7	748.9	785.5	825.1	868.8	916.6
-35°	456.8	510.2	566.5	620.1	660.6	695.6	727.5	759.8	794.4	834.1	875.9
-37.5°	441.8	492.0	545.7	601.1	643.3	675.4	705.2	735.0	765.9	798.3	836.2
-40°	425.5	472.2	524.0	577.0	623.7	654.6	683.4	710.1	737.7	767.8	798.3
-42.5°	408.0	452.9	500.8	551.2	597.0	632.6	661.4	686.6	710.5	737.1	765.1
-45°	390.2	432.2	476.3	523.6	568.5	607.4	637.1	663.4	684.1	706.2	731.4
-47.5°	371.6	410.7	452.1	495.4	539.2	578.4	611.1	635.5	657.1	676.7	696.8
-50°	351.8	389.4	426.1	466.6	508.5	548.3	582.3	606.3	627.1	646.2	664.4
-52.5°	330.0	367.4	400.5	436.1	475.7	515.4	549.0	575.1	595.8	614.2	633.1
-55°	307.2	342.1	373.7	405.5	440.2	478.4	512.2	539.1	563.7	581.5	600.9
-57.5°	283.3	314.8	344.5	374.3	404.9	437.4	470.5	500.3	524.3	545.8	566.1
-60°	258.6	286.7	313.5	341.0	368.9	397.5	427.6	456.7	482.6	504.9	523.4
-62.5°	233.2	258.2	282.2	306.2	331.3	356.6	382.7	410.1	438.4	458.8	476.4
-65°	206.9	229.2	251.0	272.2	292.8	315.7	338.2	359.9	383.7	405.8	424.9
-67.5°	179.9	199.8	219.3	238.3	256.7	275.5	294.6	314.0	332.8	350.7	368.1
-70°	154.5	170.4	187.2	203.9	220.2	235.9	251.9	268.0	284.3	300.1	315.2
-72.5°	129.2	143.0	156.4	169.4	183.7	197.8	210.8	222.5	235.9	250.6	264.1
-75°	105.4	115.5	126.6	137.5	149.0	160.6	171.8	182.7	193.2	204.1	214.9
-77.5°	82.8	91.6	99.7	107.1	115.1	124.8	134.1	143.1	151.7	159.9	167.6
-80°	60.8	67.8	74.7	81.2	87.5	93.7	99.6	105.4	110.9	116.8	123.0
-82.5°	40.0	45.3	50.3	55.3	60.1	64.7	69.2	73.5	77.6	81.5	85.2
-85°	20.9	22.7	26.0	29.3	32.5	35.6	38.6	41.5	44.2	46.8	49.3
-87.5°	10.5	11.3	12.2	13.0	13.8	14.6	15.3	16.0	16.7	17.4	18.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	18.6	19.1	19.7	20.1	20.6	21.0	21.3	21.6	21.9	22.2	22.4
85°	51.6	53.9	55.9	57.8	59.6	60.0	60.1	60.0	59.7	60.5	61.2
82.5°	88.8	92.7	96.8	100.7	104.6	106.1	107.1	107.8	108.3	109.8	111.2
80°	128.9	135.1	141.0	146.2	150.8	154.1	157.1	159.9	162.4	163.6	164.1
77.5°	175.5	183.1	190.3	196.9	203.0	207.8	211.7	214.8	217.3	218.8	219.8
75°	225.6	235.3	243.9	251.9	259.2	264.3	267.9	270.5	272.3	274.2	275.7
72.5°	276.3	287.3	297.5	307.1	315.5	321.5	325.6	328.9	331.5	333.3	334.3
70°	329.5	342.7	353.9	363.6	371.2	376.9	381.3	385.0	387.7	389.6	390.6
67.5°	384.7	398.7	409.3	417.7	424.6	430.6	436.1	440.3	443.0	445.7	448.6
65°	440.9	455.2	466.0	474.9	482.2	489.9	497.1	502.4	505.9	509.1	512.3
62.5°	493.8	510.0	522.5	534.1	545.9	557.1	563.6	568.6	572.1	575.3	579.0
60°	541.8	560.2	575.4	589.6	604.0	618.6	624.5	629.2	633.6	637.8	641.5
57.5°	584.5	603.9	622.5	636.5	650.4	663.9	673.3	678.4	681.8	683.7	685.3
55°	621.6	641.0	659.6	675.7	690.7	704.6	715.0	720.0	723.8	726.2	727.6
52.5°	654.8	675.6	695.5	713.4	729.5	744.5	757.6	764.5	770.1	774.1	775.4
50°	687.4	710.0	731.5	750.5	769.4	787.4	804.0	813.6	820.3	824.4	825.8
47.5°	721.5	746.0	769.2	791.4	812.8	834.2	853.8	866.8	876.5	883.7	888.8
45°	757.0	783.3	809.0	835.2	859.8	887.3	912.2	931.2	945.3	957.5	967.3
42.5°	792.7	822.3	851.8	885.6	919.2	950.4	980.0	1005.3	1028.3	1050.9	1068.5
40°	831.6	864.0	904.3	944.3	985.8	1022.1	1065.2	1103.9	1139.3	1177.6	1209.2
37.5°	874.1	915.7	963.5	1011.4	1065.3	1117.5	1177.7	1237.1	1288.7	1355.7	1409.5
35°	920.3	973.0	1029.5	1093.8	1163.2	1245.2	1329.5	1428.4	1512.3	1618.9	1717.2
32.5°	971.8	1033.8	1107.0	1195.4	1289.2	1420.9	1544.4	1712.0	1855.3	2040.2	2242.1
30°	1024.2	1104.3	1203.9	1318.1	1476.8	1663.6	1881.5	2164.8	2471.4	2788.5	3215.4
27.5°	1086.2	1190.3	1314.7	1491.0	1728.3	1986.9	2430.8	2910.0	3577.6	4106.1	5047.5
25°	1153.1	1281.9	1465.7	1721.2	2049.1	2572.5	3321.7	4189.3	5525.1	6713.4	8079.0
22.5°	1232.4	1407.2	1650.5	1985.2	2556.7	3457.3	4626.8	6408.2	8388.5	10343.1	12129.6
20°	1316.3	1527.5	1867.7	2412.8	3296.2	4598.4	6684.7	9230.3	11859.4	14538.0	16795.3
17.5°	1414.2	1701.1	2149.2	2873.2	4133.5	6363.0	9149.7	12386.5	15821.2	19239.3	22208.3
15°	1498.4	1852.8	2456.3	3540.7	5420.0	8208.7	11633.7	15721.7	20041.0	24477.0	29284.7
12.5°	1605.7	2035.7	2772.7	4092.6	6561.5	10186.1	14376.9	19123.2	24397.6	30287.4	37782.6
10°	1704.3	2227.5	3188.9	4976.8	7933.6	12033.3	16746.4	22131.3	28972.7	37823.6	46864.6
7.5°	1783.2	2379.6	3511.7	5666.7	9084.3	13611.3	18880.0	25336.2	33871.4	44410.8	54740.7
5°	1838.2	2485.0	3742.6	6188.1	10010.0	14817.2	20394.1	27698.7	38000.4	49802.7	60350.3
2.5°	1872.7	2542.7	3855.6	6497.6	10613.7	15543.0	21338.8	29200.1	40531.1	53235.1	63914.1
0°	1889.0	2552.6	3783.6	6648.2	10698.4	15491.7	21425.2	29701.5	41131.7	54167.2	64803.2
-2.5°	1872.7	2542.7	3855.6	6497.6	10613.7	15543.0	21338.8	29200.1	40531.1	53235.1	63914.1
-5°	1838.2	2485.0	3742.6	6188.1	10010.0	14817.2	20394.1	27698.7	38000.4	49802.7	60350.3
-7.5°	1783.2	2379.6	3511.7	5666.7	9084.3	13611.3	18880.0	25336.2	33871.4	44410.8	54740.7
-10°	1704.3	2227.5	3188.9	4976.8	7933.6	12033.3	16746.4	22131.3	28972.7	37823.6	46864.6
-12.5°	1605.7	2035.7	2772.7	4092.6	6561.5	10186.1	14376.9	19123.2	24397.6	30287.4	37782.6
-15°	1498.4	1852.8	2456.3	3540.7	5420.0	8208.7	11633.7	15721.7	20041.0	24477.0	29284.7
-17.5°	1414.2	1701.1	2149.2	2873.2	4133.5	6363.0	9149.7	12386.5	15821.2	19239.3	22208.3
-20°	1316.3	1527.5	1867.7	2412.8	3296.2	4598.4	6684.7	9230.3	11859.4	14538.0	16795.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1232.4	1407.2	1650.5	1985.2	2556.7	3457.3	4626.8	6408.2	8388.5	10343.1	12129.6
-25°	1153.1	1281.9	1465.7	1721.2	2049.1	2572.5	3321.7	4189.3	5525.1	6713.4	8079.0
-27.5°	1086.2	1190.3	1314.7	1491.0	1728.3	1986.9	2430.8	2910.0	3577.6	4106.1	5047.5
-30°	1024.2	1104.3	1203.9	1318.1	1476.8	1663.6	1881.5	2164.8	2471.4	2788.5	3215.4
-32.5°	971.8	1033.8	1107.0	1195.4	1289.2	1420.9	1544.4	1712.0	1855.3	2040.2	2242.1
-35°	920.3	973.0	1029.5	1093.8	1163.2	1245.2	1329.5	1428.4	1512.3	1618.9	1717.2
-37.5°	874.1	915.7	963.5	1011.4	1065.3	1117.5	1177.7	1237.1	1288.7	1355.7	1409.5
-40°	831.6	864.0	904.3	944.3	985.8	1022.1	1065.2	1103.9	1139.3	1177.6	1209.2
-42.5°	792.7	822.3	851.8	885.6	919.2	950.4	980.0	1005.3	1028.3	1050.9	1068.5
-45°	757.0	783.3	809.0	835.2	859.8	887.3	912.2	931.2	945.3	957.5	967.3
-47.5°	721.5	746.0	769.2	791.4	812.8	834.2	853.8	866.8	876.5	883.7	888.8
-50°	687.4	710.0	731.5	750.5	769.4	787.4	804.0	813.6	820.3	824.4	825.8
-52.5°	654.8	675.6	695.5	713.4	729.5	744.5	757.6	764.5	770.1	774.1	775.4
-55°	621.6	641.0	659.6	675.7	690.7	704.6	715.0	720.0	723.8	726.2	727.6
-57.5°	584.5	603.9	622.5	636.5	650.4	663.9	673.3	678.4	681.8	683.7	685.3
-60°	541.8	560.2	575.4	589.6	604.0	618.6	624.5	629.2	633.6	637.8	641.5
-62.5°	493.8	510.0	522.5	534.1	545.9	557.1	563.6	568.6	572.1	575.3	579.0
-65°	440.9	455.2	466.0	474.9	482.2	489.9	497.1	502.4	505.9	509.1	512.3
-67.5°	384.7	398.7	409.3	417.7	424.6	430.6	436.1	440.3	443.0	445.7	448.6
-70°	329.5	342.7	353.9	363.6	371.2	376.9	381.3	385.0	387.7	389.6	390.6
-72.5°	276.3	287.3	297.5	307.1	315.5	321.5	325.6	328.9	331.5	333.3	334.3
-75°	225.6	235.3	243.9	251.9	259.2	264.3	267.9	270.5	272.3	274.2	275.7
-77.5°	175.5	183.1	190.3	196.9	203.0	207.8	211.7	214.8	217.3	218.8	219.8
-80°	128.9	135.1	141.0	146.2	150.8	154.1	157.1	159.9	162.4	163.6	164.1
-82.5°	88.8	92.7	96.8	100.7	104.6	106.1	107.1	107.8	108.3	109.8	111.2
-85°	51.6	53.9	55.9	57.8	59.6	60.0	60.1	60.0	59.7	60.5	61.2
-87.5°	18.6	19.1	19.7	20.1	20.6	21.0	21.3	21.6	21.9	22.2	22.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.4	22.2	21.9	21.6
85°	61.7	62.1	62.3	62.4	62.3	62.1	61.7	61.2	60.5	59.7	60.0
82.5°	112.2	112.9	113.4	113.5	113.4	112.9	112.2	111.2	109.8	108.3	107.8
80°	164.2	163.8	164.3	164.5	164.3	163.8	164.2	164.1	163.6	162.4	159.9
77.5°	220.3	220.2	220.9	221.2	220.9	220.2	220.3	219.8	218.8	217.3	214.8
75°	276.6	276.8	277.7	278.0	277.7	276.8	276.6	275.7	274.2	272.3	270.5
72.5°	334.3	333.4	334.3	334.7	334.3	333.4	334.3	334.3	333.3	331.5	328.9
70°	390.7	390.0	393.6	397.1	393.6	390.0	390.7	390.6	389.6	387.7	385.0
67.5°	450.7	451.8	455.9	459.5	455.9	451.8	450.7	448.6	445.7	443.0	440.3
65°	514.0	514.2	518.1	521.9	518.1	514.2	514.0	512.3	509.1	505.9	502.4
62.5°	581.2	581.9	586.0	589.9	586.0	581.9	581.2	579.0	575.3	572.1	568.6
60°	643.8	644.4	645.9	646.7	645.9	644.4	643.8	641.5	637.8	633.6	629.2
57.5°	685.8	685.2	685.8	686.4	685.8	685.2	685.8	685.3	683.7	681.8	678.4
55°	727.4	725.5	723.3	720.4	723.3	725.5	727.4	727.6	726.2	723.8	720.0
52.5°	774.3	771.4	768.6	765.8	768.6	771.4	774.3	775.4	774.1	770.1	764.5
50°	824.9	822.2	819.6	816.8	819.6	822.2	824.9	825.8	824.4	820.3	813.6
47.5°	892.3	893.5	893.0	890.6	893.0	893.5	892.3	888.8	883.7	876.5	866.8
45°	974.2	977.5	977.9	975.7	977.9	977.5	974.2	967.3	957.5	945.3	931.2
42.5°	1080.9	1088.1	1092.1	1094.8	1092.1	1088.1	1080.9	1068.5	1050.9	1028.3	1005.3
40°	1232.3	1246.9	1256.3	1265.0	1256.3	1246.9	1232.3	1209.2	1177.6	1139.3	1103.9
37.5°	1449.4	1476.0	1487.9	1480.5	1487.9	1476.0	1449.4	1409.5	1355.7	1288.7	1237.1
35°	1793.0	1843.5	1869.8	1871.9	1869.8	1843.5	1793.0	1717.2	1618.9	1512.3	1428.4
32.5°	2391.4	2494.8	2550.4	2558.3	2550.4	2494.8	2391.4	2242.1	2040.2	1855.3	1712.0
30°	3542.3	3753.3	3852.5	3829.0	3852.5	3753.3	3542.3	3215.4	2788.5	2471.4	2164.8
27.5°	5779.2	6305.7	6617.7	6642.6	6617.7	6305.7	5779.2	5047.5	4106.1	3577.6	2910.0
25°	9288.5	10187.3	10762.9	10772.2	10762.9	10187.3	9288.5	8079.0	6713.4	5525.1	4189.3
22.5°	13781.5	15008.4	15680.7	15798.1	15680.7	15008.4	13781.5	12129.6	10343.1	8388.5	6408.2
20°	18986.8	20619.0	21492.3	21493.3	21492.3	20619.0	18986.8	16795.3	14538.0	11859.4	9230.3
17.5°	25397.5	28047.7	29711.4	30427.6	29711.4	28047.7	25397.5	22208.3	19239.3	15821.2	12386.5
15°	33914.1	38367.7	41036.4	41517.4	41036.4	38367.7	33914.1	29284.7	24477.0	20041.0	15721.7
12.5°	44284.0	49920.2	53708.9	55097.5	53708.9	49920.2	44284.0	37782.6	30287.4	24397.6	19123.2
10°	55111.2	60333.4	64392.2	65756.2	64392.2	60333.4	55111.2	46864.6	37823.6	28972.7	22131.3
7.5°	62932.9	69160.1	73732.2	75739.9	73732.2	69160.1	62932.9	54740.7	44410.8	33871.4	25336.2
5°	69107.4	76475.8	80731.8	82620.7	80731.8	76475.8	69107.4	60350.3	49802.7	38000.4	27698.7
2.5°	73158.6	80439.3	84946.2	86687.9	84946.2	80439.3	73158.6	63914.1	53235.1	40531.1	29200.1
0°	74673.4	81792.5	86245.4	88372.6	86245.4	81792.5	74673.4	64803.2	54167.2	41131.7	29701.5
-2.5°	73158.6	80439.3	84946.2	86687.9	84946.2	80439.3	73158.6	63914.1	53235.1	40531.1	29200.1
-5°	69107.4	76475.8	80731.8	82620.7	80731.8	76475.8	69107.4	60350.3	49802.7	38000.4	27698.7
-7.5°	62932.9	69160.1	73732.2	75739.9	73732.2	69160.1	62932.9	54740.7	44410.8	33871.4	25336.2
-10°	55111.2	60333.4	64392.2	65756.2	64392.2	60333.4	55111.2	46864.6	37823.6	28972.7	22131.3
-12.5°	44284.0	49920.2	53708.9	55097.5	53708.9	49920.2	44284.0	37782.6	30287.4	24397.6	19123.2
-15°	33914.1	38367.7	41036.4	41517.4	41036.4	38367.7	33914.1	29284.7	24477.0	20041.0	15721.7
-17.5°	25397.5	28047.7	29711.4	30427.6	29711.4	28047.7	25397.5	22208.3	19239.3	15821.2	12386.5
-20°	18986.8	20619.0	21492.3	21493.3	21492.3	20619.0	18986.8	16795.3	14538.0	11859.4	9230.3



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-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°	13781.5	15008.4	15680.7	15798.1	15680.7	15008.4	13781.5	12129.6	10343.1	8388.5	6408.2
-25°	9288.5	10187.3	10762.9	10772.2	10762.9	10187.3	9288.5	8079.0	6713.4	5525.1	4189.3
-27.5°	5779.2	6305.7	6617.7	6642.6	6617.7	6305.7	5779.2	5047.5	4106.1	3577.6	2910.0
-30°	3542.3	3753.3	3852.5	3829.0	3852.5	3753.3	3542.3	3215.4	2788.5	2471.4	2164.8
-32.5°	2391.4	2494.8	2550.4	2558.3	2550.4	2494.8	2391.4	2242.1	2040.2	1855.3	1712.0
-35°	1793.0	1843.5	1869.8	1871.9	1869.8	1843.5	1793.0	1717.2	1618.9	1512.3	1428.4
-37.5°	1449.4	1476.0	1487.9	1480.5	1487.9	1476.0	1449.4	1409.5	1355.7	1288.7	1237.1
-40°	1232.3	1246.9	1256.3	1265.0	1256.3	1246.9	1232.3	1209.2	1177.6	1139.3	1103.9
-42.5°	1080.9	1088.1	1092.1	1094.8	1092.1	1088.1	1080.9	1068.5	1050.9	1028.3	1005.3
-45°	974.2	977.5	977.9	975.7	977.9	977.5	974.2	967.3	957.5	945.3	931.2
-47.5°	892.3	893.5	893.0	890.6	893.0	893.5	892.3	888.8	883.7	876.5	866.8
-50°	824.9	822.2	819.6	816.8	819.6	822.2	824.9	825.8	824.4	820.3	813.6
-52.5°	774.3	771.4	768.6	765.8	768.6	771.4	774.3	775.4	774.1	770.1	764.5
-55°	727.4	725.5	723.3	720.4	723.3	725.5	727.4	727.6	726.2	723.8	720.0
-57.5°	685.8	685.2	685.8	686.4	685.8	685.2	685.8	685.3	683.7	681.8	678.4
-60°	643.8	644.4	645.9	646.7	645.9	644.4	643.8	641.5	637.8	633.6	629.2
-62.5°	581.2	581.9	586.0	589.9	586.0	581.9	581.2	579.0	575.3	572.1	568.6
-65°	514.0	514.2	518.1	521.9	518.1	514.2	514.0	512.3	509.1	505.9	502.4
-67.5°	450.7	451.8	455.9	459.5	455.9	451.8	450.7	448.6	445.7	443.0	440.3
-70°	390.7	390.0	393.6	397.1	393.6	390.0	390.7	390.6	389.6	387.7	385.0
-72.5°	334.3	333.4	334.3	334.7	334.3	333.4	334.3	334.3	333.3	331.5	328.9
-75°	276.6	276.8	277.7	278.0	277.7	276.8	276.6	275.7	274.2	272.3	270.5
-77.5°	220.3	220.2	220.9	221.2	220.9	220.2	220.3	219.8	218.8	217.3	214.8
-80°	164.2	163.8	164.3	164.5	164.3	163.8	164.2	164.1	163.6	162.4	159.9
-82.5°	112.2	112.9	113.4	113.5	113.4	112.9	112.2	111.2	109.8	108.3	107.8
-85°	61.7	62.1	62.3	62.4	62.3	62.1	61.7	61.2	60.5	59.7	60.0
-87.5°	22.5	22.6	22.7	22.7	22.7	22.6	22.5	22.4	22.2	21.9	21.6
-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: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	21.3	21.0	20.6	20.1	19.7	19.1	18.6	18.0	17.4	16.7	16.0
85°	60.1	60.0	59.6	57.8	55.9	53.9	51.6	49.3	46.8	44.2	41.5
82.5°	107.1	106.1	104.6	100.7	96.8	92.7	88.8	85.2	81.5	77.6	73.5
80°	157.1	154.1	150.8	146.2	141.0	135.1	128.9	123.0	116.8	110.9	105.4
77.5°	211.7	207.8	203.0	196.9	190.3	183.1	175.5	167.6	159.9	151.7	143.1
75°	267.9	264.3	259.2	251.9	243.9	235.3	225.6	214.9	204.1	193.2	182.7
72.5°	325.6	321.5	315.5	307.1	297.5	287.3	276.3	264.1	250.6	235.9	222.5
70°	381.3	376.9	371.2	363.6	353.9	342.7	329.5	315.2	300.1	284.3	268.0
67.5°	436.1	430.6	424.6	417.7	409.3	398.7	384.7	368.1	350.7	332.8	314.0
65°	497.1	489.9	482.2	474.9	466.0	455.2	440.9	424.9	405.8	383.7	359.9
62.5°	563.6	557.1	545.9	534.1	522.5	510.0	493.8	476.4	458.8	438.4	410.1
60°	624.5	618.6	604.0	589.6	575.4	560.2	541.8	523.4	504.9	482.6	456.7
57.5°	673.3	663.9	650.4	636.5	622.5	603.9	584.5	566.1	545.8	524.3	500.3
55°	715.0	704.6	690.7	675.7	659.6	641.0	621.6	600.9	581.5	563.7	539.1
52.5°	757.6	744.5	729.5	713.4	695.5	675.6	654.8	633.1	614.2	595.8	575.1
50°	804.0	787.4	769.4	750.5	731.5	710.0	687.4	664.4	646.2	627.1	606.3
47.5°	853.8	834.2	812.8	791.4	769.2	746.0	721.5	696.8	676.7	657.1	635.5
45°	912.2	887.3	859.8	835.2	809.0	783.3	757.0	731.4	706.2	684.1	663.4
42.5°	980.0	950.4	919.2	885.6	851.8	822.3	792.7	765.1	737.1	710.5	686.6
40°	1065.2	1022.1	985.8	944.3	904.3	864.0	831.6	798.3	767.8	737.7	710.1
37.5°	1177.7	1117.5	1065.3	1011.4	963.5	915.7	874.1	836.2	798.3	765.9	735.0
35°	1329.5	1245.2	1163.2	1093.8	1029.5	973.0	920.3	875.9	834.1	794.4	759.8
32.5°	1544.4	1420.9	1289.2	1195.4	1107.0	1033.8	971.8	916.6	868.8	825.1	785.5
30°	1881.5	1663.6	1476.8	1318.1	1203.9	1104.3	1024.2	959.4	903.2	854.7	810.6
27.5°	2430.8	1986.9	1728.3	1491.0	1314.7	1190.3	1086.2	1001.8	936.7	883.5	835.4
25°	3321.7	2572.5	2049.1	1721.2	1465.7	1281.9	1153.1	1052.6	972.8	909.6	853.0
22.5°	4626.8	3457.3	2556.7	1985.2	1650.5	1407.2	1232.4	1102.7	1005.2	932.0	870.4
20°	6684.7	4598.4	3296.2	2412.8	1867.7	1527.5	1316.3	1161.4	1044.9	956.2	885.8
17.5°	9149.7	6363.0	4133.5	2873.2	2149.2	1701.1	1414.2	1217.7	1079.9	977.9	898.9
15°	11633.7	8208.7	5420.0	3540.7	2456.3	1852.8	1498.4	1266.4	1114.2	1001.8	915.2
12.5°	14376.9	10186.1	6561.5	4092.6	2772.7	2035.7	1605.7	1332.0	1151.5	1025.6	930.9
10°	16746.4	12033.3	7933.6	4976.8	3188.9	2227.5	1704.3	1388.2	1182.8	1044.8	943.2
7.5°	18880.0	13611.3	9084.3	5666.7	3511.7	2379.6	1783.2	1433.1	1206.2	1058.9	951.9
5°	20394.1	14817.2	10010.0	6188.1	3742.6	2485.0	1838.2	1464.7	1221.7	1067.8	956.9
2.5°	21338.8	15543.0	10613.7	6497.6	3855.6	2542.7	1872.7	1482.8	1234.8	1077.6	959.7
0°	21425.2	15491.7	10698.4	6648.2	3783.6	2552.6	1889.0	1486.2	1242.3	1083.5	958.7
-2.5°	21338.8	15543.0	10613.7	6497.6	3855.6	2542.7	1872.7	1482.8	1234.8	1077.6	959.7
-5°	20394.1	14817.2	10010.0	6188.1	3742.6	2485.0	1838.2	1464.7	1221.7	1067.8	956.9
-7.5°	18880.0	13611.3	9084.3	5666.7	3511.7	2379.6	1783.2	1433.1	1206.2	1058.9	951.9
-10°	16746.4	12033.3	7933.6	4976.8	3188.9	2227.5	1704.3	1388.2	1182.8	1044.8	943.2
-12.5°	14376.9	10186.1	6561.5	4092.6	2772.7	2035.7	1605.7	1332.0	1151.5	1025.6	930.9
-15°	11633.7	8208.7	5420.0	3540.7	2456.3	1852.8	1498.4	1266.4	1114.2	1001.8	915.2
-17.5°	9149.7	6363.0	4133.5	2873.2	2149.2	1701.1	1414.2	1217.7	1079.9	977.9	898.9
-20°	6684.7	4598.4	3296.2	2412.8	1867.7	1527.5	1316.3	1161.4	1044.9	956.2	885.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4626.8	3457.3	2556.7	1985.2	1650.5	1407.2	1232.4	1102.7	1005.2	932.0	870.4
-25°	3321.7	2572.5	2049.1	1721.2	1465.7	1281.9	1153.1	1052.6	972.8	909.6	853.0
-27.5°	2430.8	1986.9	1728.3	1491.0	1314.7	1190.3	1086.2	1001.8	936.7	883.5	835.4
-30°	1881.5	1663.6	1476.8	1318.1	1203.9	1104.3	1024.2	959.4	903.2	854.7	810.6
-32.5°	1544.4	1420.9	1289.2	1195.4	1107.0	1033.8	971.8	916.6	868.8	825.1	785.5
-35°	1329.5	1245.2	1163.2	1093.8	1029.5	973.0	920.3	875.9	834.1	794.4	759.8
-37.5°	1177.7	1117.5	1065.3	1011.4	963.5	915.7	874.1	836.2	798.3	765.9	735.0
-40°	1065.2	1022.1	985.8	944.3	904.3	864.0	831.6	798.3	767.8	737.7	710.1
-42.5°	980.0	950.4	919.2	885.6	851.8	822.3	792.7	765.1	737.1	710.5	686.6
-45°	912.2	887.3	859.8	835.2	809.0	783.3	757.0	731.4	706.2	684.1	663.4
-47.5°	853.8	834.2	812.8	791.4	769.2	746.0	721.5	696.8	676.7	657.1	635.5
-50°	804.0	787.4	769.4	750.5	731.5	710.0	687.4	664.4	646.2	627.1	606.3
-52.5°	757.6	744.5	729.5	713.4	695.5	675.6	654.8	633.1	614.2	595.8	575.1
-55°	715.0	704.6	690.7	675.7	659.6	641.0	621.6	600.9	581.5	563.7	539.1
-57.5°	673.3	663.9	650.4	636.5	622.5	603.9	584.5	566.1	545.8	524.3	500.3
-60°	624.5	618.6	604.0	589.6	575.4	560.2	541.8	523.4	504.9	482.6	456.7
-62.5°	563.6	557.1	545.9	534.1	522.5	510.0	493.8	476.4	458.8	438.4	410.1
-65°	497.1	489.9	482.2	474.9	466.0	455.2	440.9	424.9	405.8	383.7	359.9
-67.5°	436.1	430.6	424.6	417.7	409.3	398.7	384.7	368.1	350.7	332.8	314.0
-70°	381.3	376.9	371.2	363.6	353.9	342.7	329.5	315.2	300.1	284.3	268.0
-72.5°	325.6	321.5	315.5	307.1	297.5	287.3	276.3	264.1	250.6	235.9	222.5
-75°	267.9	264.3	259.2	251.9	243.9	235.3	225.6	214.9	204.1	193.2	182.7
-77.5°	211.7	207.8	203.0	196.9	190.3	183.1	175.5	167.6	159.9	151.7	143.1
-80°	157.1	154.1	150.8	146.2	141.0	135.1	128.9	123.0	116.8	110.9	105.4
-82.5°	107.1	106.1	104.6	100.7	96.8	92.7	88.8	85.2	81.5	77.6	73.5
-85°	60.1	60.0	59.6	57.8	55.9	53.9	51.6	49.3	46.8	44.2	41.5
-87.5°	21.3	21.0	20.6	20.1	19.7	19.1	18.6	18.0	17.4	16.7	16.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-722-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°	15.3	14.6	13.8	13.0	12.2	11.3	10.5	9.6	8.7	7.8	6.8
85°	38.6	35.6	32.5	29.3	26.0	22.7	20.9	19.2	17.4	15.5	13.6
82.5°	69.2	64.7	60.1	55.3	50.3	45.3	40.0	34.7	29.1	23.7	20.4
80°	99.6	93.7	87.5	81.2	74.7	67.8	60.8	53.6	45.7	38.0	30.8
77.5°	134.1	124.8	115.1	107.1	99.7	91.6	82.8	72.9	62.1	52.2	42.9
75°	171.8	160.6	149.0	137.5	126.6	115.5	105.4	93.8	80.2	66.5	54.8
72.5°	210.8	197.8	183.7	169.4	156.4	143.0	129.2	114.5	99.0	83.2	67.2
70°	251.9	235.9	220.2	203.9	187.2	170.4	154.5	136.7	117.5	99.7	81.7
67.5°	294.6	275.5	256.7	238.3	219.3	199.8	179.9	159.1	137.7	116.0	96.0
65°	338.2	315.7	292.8	272.2	251.0	229.2	206.9	181.7	157.6	133.7	110.0
62.5°	382.7	356.6	331.3	306.2	282.2	258.2	233.2	204.9	177.3	151.1	124.8
60°	427.6	397.5	368.9	341.0	313.5	286.7	258.6	227.5	197.3	168.1	139.7
57.5°	470.5	437.4	404.9	374.3	344.5	314.8	283.3	249.8	216.7	185.0	154.2
55°	512.2	478.4	440.2	405.5	373.7	342.1	307.2	271.7	235.6	201.4	168.4
52.5°	549.0	515.4	475.7	436.1	400.5	367.4	330.0	293.0	254.8	217.1	182.1
50°	582.3	548.3	508.5	466.6	426.1	389.4	351.8	312.7	273.3	232.5	195.4
47.5°	611.1	578.4	539.2	495.4	452.1	410.7	371.6	331.3	291.1	248.4	208.2
45°	637.1	607.4	568.5	523.6	476.3	432.2	390.2	348.9	306.9	263.7	220.4
42.5°	661.4	632.6	597.0	551.2	500.8	452.9	408.0	365.1	321.7	278.2	232.7
40°	683.4	654.6	623.7	577.0	524.0	472.2	425.5	380.4	335.6	291.5	244.6
37.5°	705.2	675.4	643.3	601.1	545.7	492.0	441.8	394.9	349.0	303.3	255.8
35°	727.5	695.6	660.6	620.1	566.5	510.2	456.8	408.5	361.6	314.5	266.3
32.5°	748.9	713.7	676.4	636.1	585.9	526.7	471.4	421.7	373.4	324.9	275.9
30°	770.0	728.7	690.5	652.4	602.8	542.9	485.8	434.0	384.4	334.6	284.6
27.5°	786.0	741.6	702.8	665.3	617.0	557.9	499.7	445.3	394.5	343.5	292.4
25°	800.4	754.1	713.4	675.5	631.0	573.4	512.4	455.6	403.7	351.6	299.4
22.5°	814.8	765.0	722.3	684.1	644.2	587.3	524.5	466.0	412.0	358.9	305.8
20°	827.3	773.7	729.6	692.1	653.1	598.2	535.8	475.2	419.3	365.4	311.4
17.5°	837.9	782.6	737.3	698.6	659.2	607.4	545.7	483.2	425.7	371.0	316.2
15°	848.8	791.9	743.8	703.6	664.4	614.9	554.1	490.0	431.1	375.8	320.8
12.5°	858.0	798.7	748.9	707.2	668.9	620.8	561.0	495.6	435.5	380.2	325.0
10°	865.3	803.3	752.4	709.5	672.3	625.1	566.5	500.8	440.8	384.2	328.5
7.5°	870.3	805.5	754.5	710.4	674.8	628.9	571.8	506.5	445.5	387.4	331.2
5°	873.7	806.5	755.8	712.5	676.2	632.4	575.6	511.0	449.3	389.6	333.1
2.5°	877.8	807.0	755.9	714.1	676.2	634.6	577.9	514.2	452.1	390.9	334.3
0°	879.2	805.5	754.4	714.7	675.0	635.3	578.6	516.2	453.8	391.4	334.7
-2.5°	877.8	807.0	755.9	714.1	676.2	634.6	577.9	514.2	452.1	390.9	334.3
-5°	873.7	806.5	755.8	712.5	676.2	632.4	575.6	511.0	449.3	389.6	333.1
-7.5°	870.3	805.5	754.5	710.4	674.8	628.9	571.8	506.5	445.5	387.4	331.2
-10°	865.3	803.3	752.4	709.5	672.3	625.1	566.5	500.8	440.8	384.2	328.5
-12.5°	858.0	798.7	748.9	707.2	668.9	620.8	561.0	495.6	435.5	380.2	325.0
-15°	848.8	791.9	743.8	703.6	664.4	614.9	554.1	490.0	431.1	375.8	320.8
-17.5°	837.9	782.6	737.3	698.6	659.2	607.4	545.7	483.2	425.7	371.0	316.2
-20°	827.3	773.7	729.6	692.1	653.1	598.2	535.8	475.2	419.3	365.4	311.4



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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°	814.8	765.0	722.3	684.1	644.2	587.3	524.5	466.0	412.0	358.9	305.8
-25°	800.4	754.1	713.4	675.5	631.0	573.4	512.4	455.6	403.7	351.6	299.4
-27.5°	786.0	741.6	702.8	665.3	617.0	557.9	499.7	445.3	394.5	343.5	292.4
-30°	770.0	728.7	690.5	652.4	602.8	542.9	485.8	434.0	384.4	334.6	284.6
-32.5°	748.9	713.7	676.4	636.1	585.9	526.7	471.4	421.7	373.4	324.9	275.9
-35°	727.5	695.6	660.6	620.1	566.5	510.2	456.8	408.5	361.6	314.5	266.3
-37.5°	705.2	675.4	643.3	601.1	545.7	492.0	441.8	394.9	349.0	303.3	255.8
-40°	683.4	654.6	623.7	577.0	524.0	472.2	425.5	380.4	335.6	291.5	244.6
-42.5°	661.4	632.6	597.0	551.2	500.8	452.9	408.0	365.1	321.7	278.2	232.7
-45°	637.1	607.4	568.5	523.6	476.3	432.2	390.2	348.9	306.9	263.7	220.4
-47.5°	611.1	578.4	539.2	495.4	452.1	410.7	371.6	331.3	291.1	248.4	208.2
-50°	582.3	548.3	508.5	466.6	426.1	389.4	351.8	312.7	273.3	232.5	195.4
-52.5°	549.0	515.4	475.7	436.1	400.5	367.4	330.0	293.0	254.8	217.1	182.1
-55°	512.2	478.4	440.2	405.5	373.7	342.1	307.2	271.7	235.6	201.4	168.4
-57.5°	470.5	437.4	404.9	374.3	344.5	314.8	283.3	249.8	216.7	185.0	154.2
-60°	427.6	397.5	368.9	341.0	313.5	286.7	258.6	227.5	197.3	168.1	139.7
-62.5°	382.7	356.6	331.3	306.2	282.2	258.2	233.2	204.9	177.3	151.1	124.8
-65°	338.2	315.7	292.8	272.2	251.0	229.2	206.9	181.7	157.6	133.7	110.0
-67.5°	294.6	275.5	256.7	238.3	219.3	199.8	179.9	159.1	137.7	116.0	96.0
-70°	251.9	235.9	220.2	203.9	187.2	170.4	154.5	136.7	117.5	99.7	81.7
-72.5°	210.8	197.8	183.7	169.4	156.4	143.0	129.2	114.5	99.0	83.2	67.2
-75°	171.8	160.6	149.0	137.5	126.6	115.5	105.4	93.8	80.2	66.5	54.8
-77.5°	134.1	124.8	115.1	107.1	99.7	91.6	82.8	72.9	62.1	52.2	42.9
-80°	99.6	93.7	87.5	81.2	74.7	67.8	60.8	53.6	45.7	38.0	30.8
-82.5°	69.2	64.7	60.1	55.3	50.3	45.3	40.0	34.7	29.1	23.7	20.4
-85°	38.6	35.6	32.5	29.3	26.0	22.7	20.9	19.2	17.4	15.5	13.6
-87.5°	15.3	14.6	13.8	13.0	12.2	11.3	10.5	9.6	8.7	7.8	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



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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°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
85°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
80°	23.9	19.6	15.7	11.8	7.9	3.9	0.0
77.5°	34.0	25.6	19.6	14.7	9.8	4.9	0.0
75°	44.0	34.0	23.9	17.6	11.7	5.9	0.0
72.5°	53.9	42.3	30.5	20.4	13.6	6.8	0.0
70°	64.0	50.4	37.1	23.6	15.5	7.8	0.0
67.5°	76.4	58.4	43.5	28.5	17.4	8.7	0.0
65°	88.6	67.5	49.8	33.2	19.2	9.6	0.0
62.5°	100.5	77.4	56.0	37.9	20.9	10.5	0.0
60°	112.2	87.2	62.1	42.4	22.7	11.3	0.0
57.5°	124.4	96.7	69.6	46.9	25.6	12.2	0.0
55°	136.4	106.0	77.0	51.2	28.5	13.0	0.0
52.5°	147.9	115.0	84.2	55.4	31.3	13.8	0.0
50°	159.0	124.2	91.2	59.4	34.0	14.6	0.0
47.5°	169.6	132.9	97.9	63.6	36.6	15.3	0.0
45°	180.1	141.3	104.4	68.4	39.1	16.0	0.0
42.5°	190.2	149.2	110.5	73.1	41.5	16.7	0.0
40°	199.8	156.6	116.5	77.4	43.8	17.4	0.0
37.5°	208.9	163.7	122.1	81.5	46.0	18.0	0.0
35°	217.4	170.6	127.4	85.3	48.0	18.6	0.0
32.5°	225.6	177.3	132.4	88.8	49.9	19.1	0.0
30°	233.2	183.5	137.0	92.0	51.7	19.7	0.0
27.5°	240.3	189.2	141.1	95.0	53.4	20.1	0.0
25°	246.6	194.5	144.9	97.6	54.9	20.6	0.0
22.5°	252.3	199.2	148.4	99.9	56.3	21.0	0.0
20°	257.2	203.3	151.7	101.9	57.6	21.3	0.0
17.5°	261.8	206.9	154.5	103.7	58.7	21.6	0.0
15°	265.9	209.8	157.1	105.1	59.7	21.9	0.0
12.5°	269.5	212.2	159.3	106.3	60.5	22.2	0.0
10°	272.5	213.9	161.1	107.1	61.2	22.4	0.0
7.5°	274.8	215.2	162.6	107.7	61.7	22.5	0.0
5°	276.6	215.8	163.6	108.0	62.1	22.6	0.0
2.5°	277.6	216.0	164.3	108.0	62.3	22.7	0.0
0°	278.0	215.6	164.5	107.8	62.4	22.7	0.0
-2.5°	277.6	216.0	164.3	108.0	62.3	22.7	0.0
-5°	276.6	215.8	163.6	108.0	62.1	22.6	0.0
-7.5°	274.8	215.2	162.6	107.7	61.7	22.5	0.0
-10°	272.5	213.9	161.1	107.1	61.2	22.4	0.0
-12.5°	269.5	212.2	159.3	106.3	60.5	22.2	0.0
-15°	265.9	209.8	157.1	105.1	59.7	21.9	0.0
-17.5°	261.8	206.9	154.5	103.7	58.7	21.6	0.0
-20°	257.2	203.3	151.7	101.9	57.6	21.3	0.0

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CATALOG NUMBER: GFLD-SA6C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	252.3	199.2	148.4	99.9	56.3	21.0	0.0
-25°	246.6	194.5	144.9	97.6	54.9	20.6	0.0
-27.5°	240.3	189.2	141.1	95.0	53.4	20.1	0.0
-30°	233.2	183.5	137.0	92.0	51.7	19.7	0.0
-32.5°	225.6	177.3	132.4	88.8	49.9	19.1	0.0
-35°	217.4	170.6	127.4	85.3	48.0	18.6	0.0
-37.5°	208.9	163.7	122.1	81.5	46.0	18.0	0.0
-40°	199.8	156.6	116.5	77.4	43.8	17.4	0.0
-42.5°	190.2	149.2	110.5	73.1	41.5	16.7	0.0
-45°	180.1	141.3	104.4	68.4	39.1	16.0	0.0
-47.5°	169.6	132.9	97.9	63.6	36.6	15.3	0.0
-50°	159.0	124.2	91.2	59.4	34.0	14.6	0.0
-52.5°	147.9	115.0	84.2	55.4	31.3	13.8	0.0
-55°	136.4	106.0	77.0	51.2	28.5	13.0	0.0
-57.5°	124.4	96.7	69.6	46.9	25.6	12.2	0.0
-60°	112.2	87.2	62.1	42.4	22.7	11.3	0.0
-62.5°	100.5	77.4	56.0	37.9	20.9	10.5	0.0
-65°	88.6	67.5	49.8	33.2	19.2	9.6	0.0
-67.5°	76.4	58.4	43.5	28.5	17.4	8.7	0.0
-70°	64.0	50.4	37.1	23.6	15.5	7.8	0.0
-72.5°	53.9	42.3	30.5	20.4	13.6	6.8	0.0
-75°	44.0	34.0	23.9	17.6	11.7	5.9	0.0
-77.5°	34.0	25.6	19.6	14.7	9.8	4.9	0.0
-80°	23.9	19.6	15.7	11.8	7.9	3.9	0.0
-82.5°	17.6	14.7	11.8	8.9	5.9	3.0	0.0
-85°	11.7	9.8	7.9	5.9	4.0	2.0	0.0
-87.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)