

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: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627155 (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-SA3C-735-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N71
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

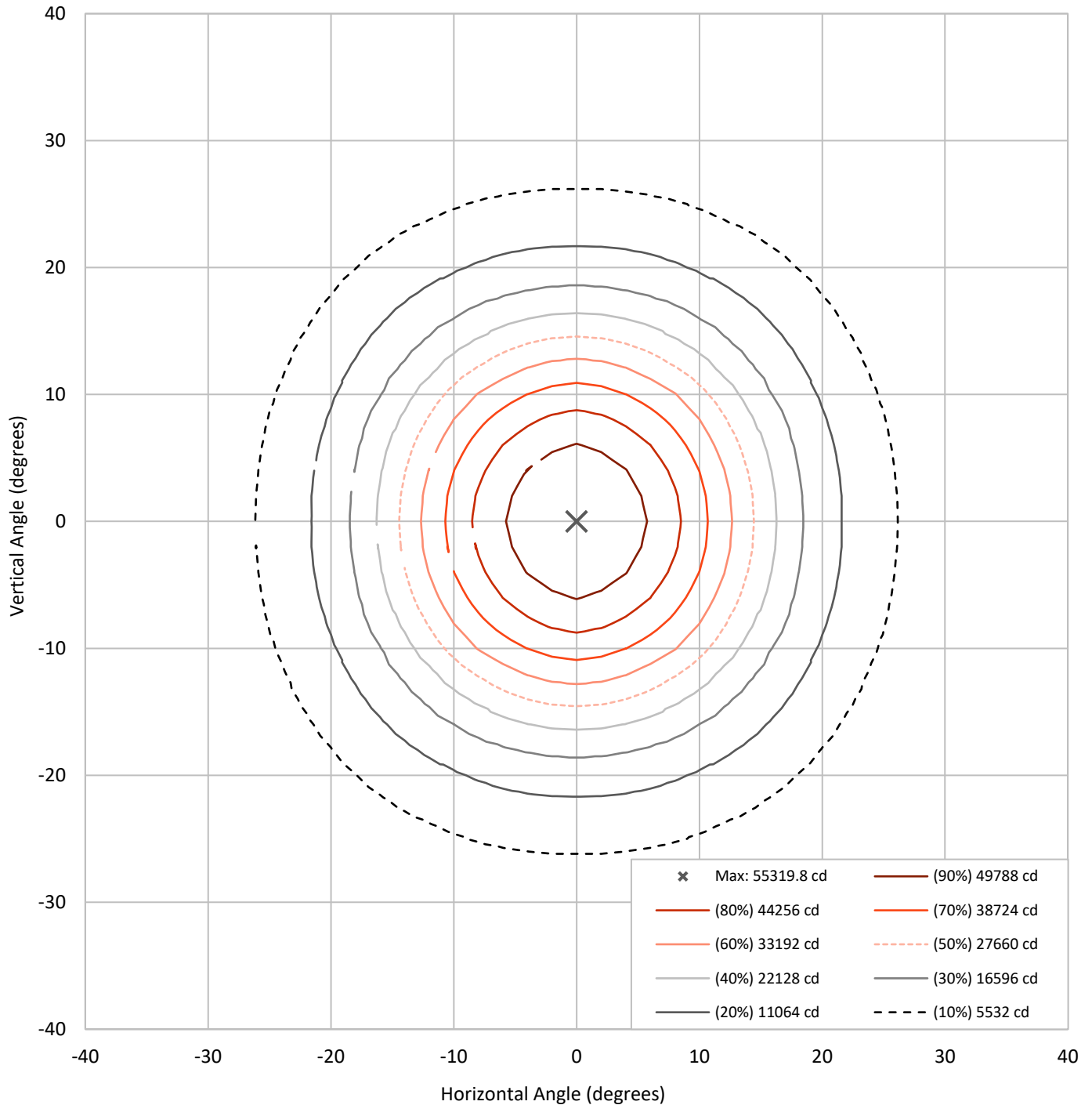
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17283.8 lumens	Max Intensity:	55319.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	8403.2 lumens	Field Lumens:	14181.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	121.7		
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





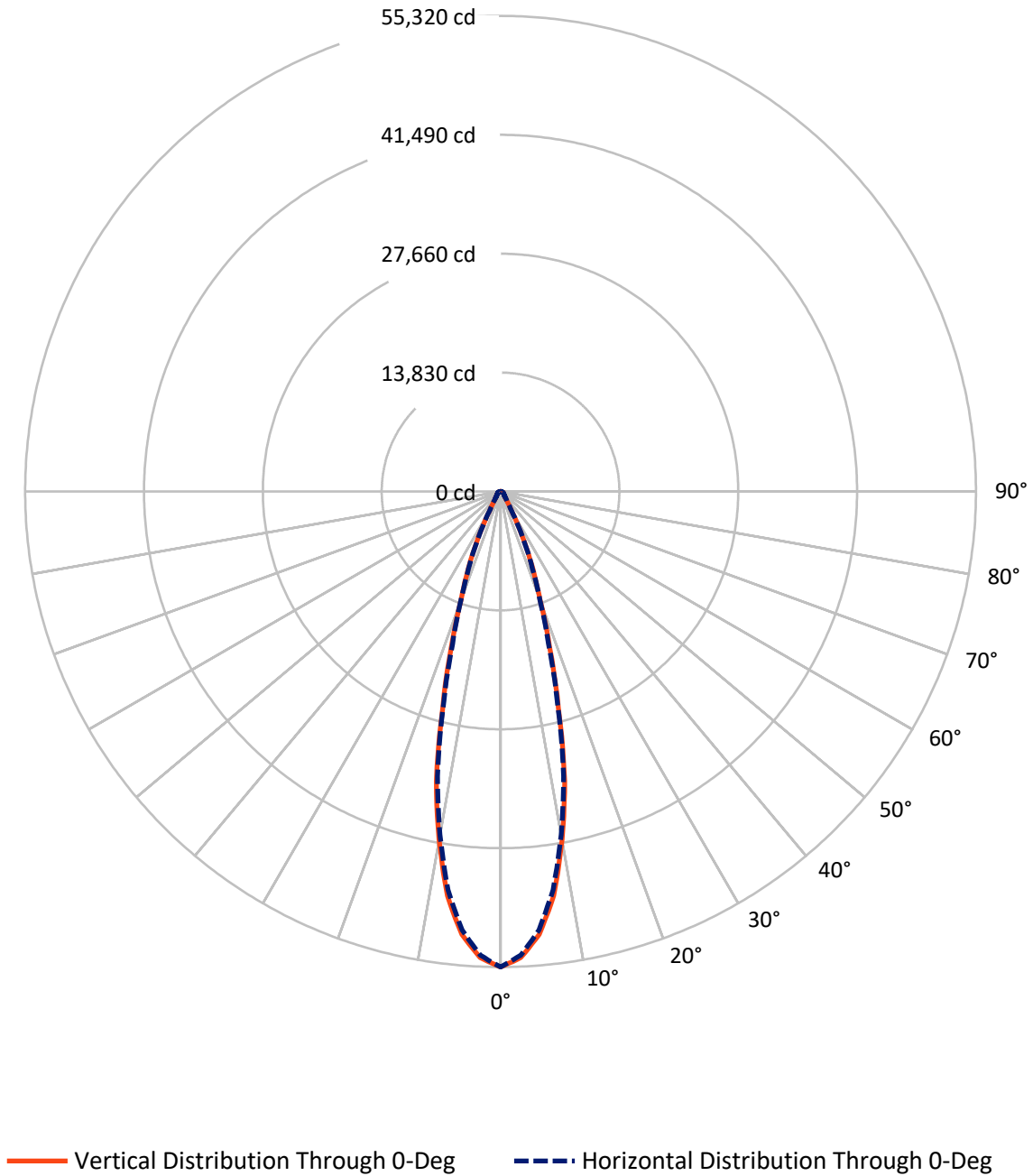
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Lumen Table

90	0.3	2.9		7.5		11.9		13.2		11.9		7.5		2.9		0.3			
80	0.3	2.9		7.5		11.9		13.2		11.9		7.5		2.9		0.3			
70	1.3	1.5	3.0	4.9	6.8	8.4	9.3	9.8	9.8	9.3	8.4	6.8	4.9	3.0	1.5	1.3			
60		2.2	4.5	7.2	9.7	11.9	13.3	13.8	13.8	13.3	11.9	9.7	7.2	4.5	2.2				
50	2.3	2.8	5.7	8.9	11.8	15.0	17.6	18.9	18.9	17.6	15.0	11.8	8.9	5.7	2.8	2.3			
40		3.3	6.7	10.3	14.5	20.7	30.0	38.9	38.9	30.0	20.7	14.5	10.3	6.7	3.3				
30	2.9	3.7	7.4	11.6	18.6	40.4	113.8	201.8	201.8	113.8	40.4	18.6	11.6	7.4	3.7	2.9			
20		4.0	7.7	12.6	25.3	106.1	378.1	724.5	724.5	378.1	106.1	25.3	12.6	7.7	4.0				
10	3.1	4.2	7.8	13.2	32.2	183.1	699.8	1376.5	1376.5	699.8	183.1	32.2	13.2	7.8	4.2	3.1			
0		4.2	7.8	13.2	32.2	183.1	699.8	1376.5	1376.5	699.8	183.1	32.2	13.2	7.8	4.2				
-10	2.9	4.0	7.7	12.6	25.3	106.1	378.1	724.5	724.5	378.1	106.1	25.3	12.6	7.7	4.0	2.9			
-20		3.7	7.4	11.6	18.6	40.4	113.8	201.8	201.8	113.8	40.4	18.6	11.6	7.4	3.7				
-30	2.3	3.3	6.7	10.3	14.5	20.7	30.0	38.9	38.9	30.0	20.7	14.5	10.3	6.7	3.3	2.3			
-40		2.8	5.7	8.9	11.8	15.0	17.6	18.9	18.9	17.6	15.0	11.8	8.9	5.7	2.8				
-50	1.3	2.2	4.5	7.2	9.7	11.9	13.3	13.8	13.8	13.3	11.9	9.7	7.2	4.5	2.2	1.3			
-60		1.5	3.0	4.9	6.8	8.4	9.3	9.8	9.8	9.3	8.4	6.8	4.9	3.0	1.5				
-70	0.3	2.9		7.5		11.9		13.2		11.9		7.5		2.9		0.3			
-80		2.9		7.5		11.9		13.2		11.9		7.5		2.9					
-90	0.3	2.9		7.5		11.9		13.2		11.9		7.5		2.9		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

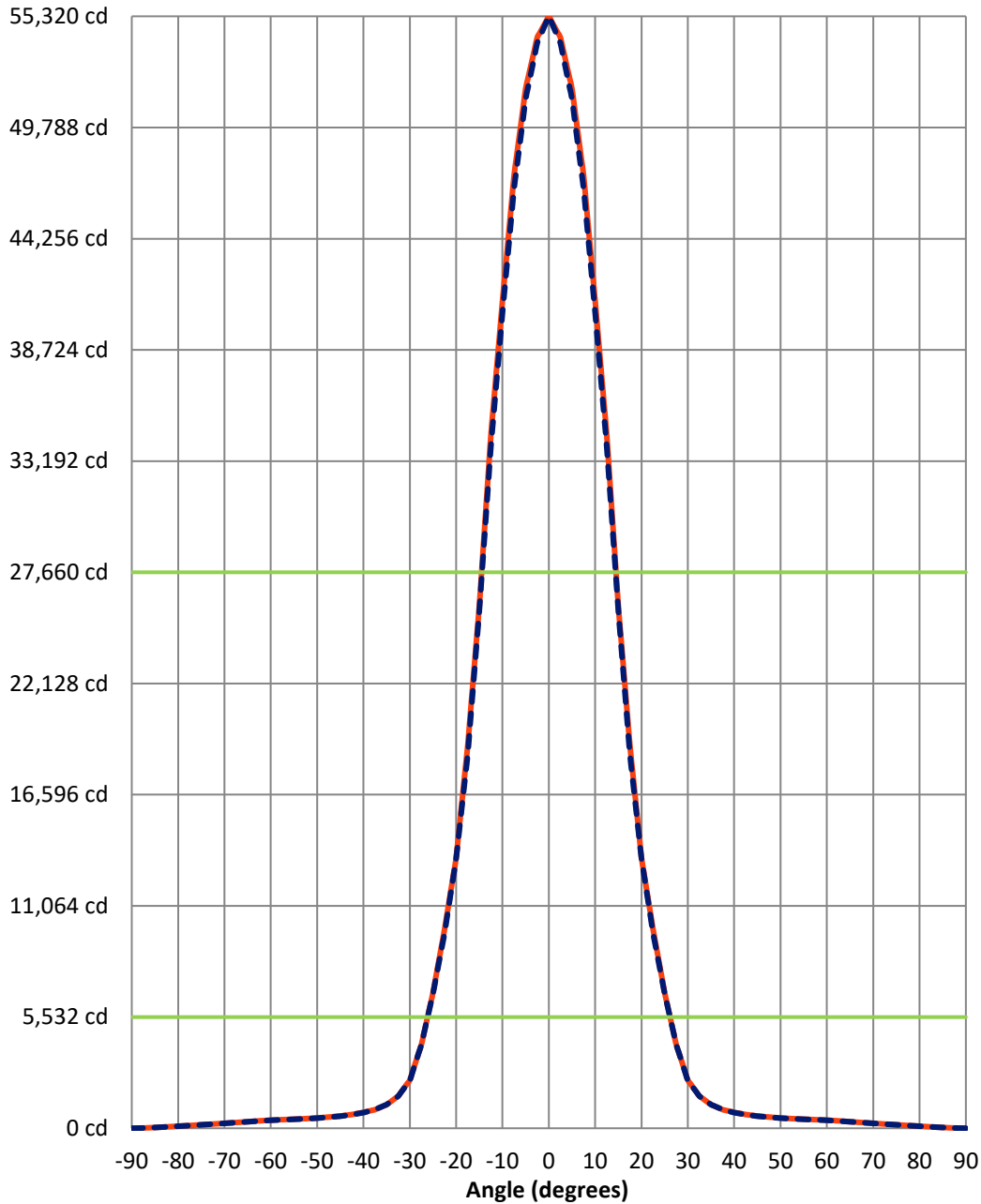
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 8403.2
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 14181.1
Efficiency: 82.0%

Spill:
Lumens: 3102.7
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	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.4	6.0
85°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.5	9.7	10.9	12.0
82.5°	0.0	1.9	3.7	5.5	7.4	9.2	11.0	12.8	14.8	18.2	21.7
80°	0.0	2.5	4.9	7.4	9.8	12.2	15.0	19.3	23.8	28.6	33.5
77.5°	0.0	3.1	6.1	9.2	12.2	16.0	21.3	26.8	32.7	38.8	45.6
75°	0.0	3.7	7.3	11.0	15.0	21.3	27.6	34.3	41.6	50.2	58.7
72.5°	0.0	4.3	8.5	12.8	19.1	26.5	33.8	42.1	52.1	62.0	71.7
70°	0.0	4.9	9.7	14.8	23.2	31.6	40.1	51.2	62.4	73.6	85.6
67.5°	0.0	5.4	10.9	17.8	27.3	36.6	47.8	60.1	72.6	86.2	99.7
65°	0.0	6.0	12.0	20.8	31.2	42.3	55.4	68.8	83.7	98.7	113.8
62.5°	0.0	6.6	13.1	23.7	35.1	48.5	62.9	78.1	94.6	111.0	128.3
60°	0.0	7.1	14.2	26.6	38.9	54.6	70.2	87.4	105.2	123.5	142.4
57.5°	0.0	7.6	16.0	29.4	43.6	60.5	77.9	96.5	115.8	135.6	156.4
55°	0.0	8.1	17.8	32.1	48.2	66.3	85.3	105.4	126.0	147.5	170.1
52.5°	0.0	8.6	19.6	34.7	52.7	72.0	92.6	113.9	135.9	159.5	183.4
50°	0.0	9.1	21.3	37.2	57.1	77.7	99.5	122.3	145.5	171.1	195.7
47.5°	0.0	9.6	22.9	39.9	61.3	83.2	106.2	130.3	155.5	182.2	207.4
45°	0.0	10.0	24.5	42.9	65.3	88.4	112.7	138.0	165.1	192.1	218.4
42.5°	0.0	10.5	26.0	45.8	69.2	93.4	119.1	145.7	174.2	201.4	228.6
40°	0.0	10.9	27.4	48.5	72.9	98.1	125.1	153.1	182.5	210.1	238.1
37.5°	0.0	11.3	28.8	51.0	76.4	102.5	130.7	160.1	189.9	218.5	247.2
35°	0.0	11.6	30.1	53.4	79.7	106.8	136.1	166.7	196.9	226.4	255.7
32.5°	0.0	12.0	31.3	55.6	82.8	111.0	141.2	172.7	203.4	233.7	264.0
30°	0.0	12.3	32.4	57.6	85.7	114.9	146.0	178.2	209.4	240.6	271.6
27.5°	0.0	12.6	33.5	59.4	88.3	118.5	150.4	183.0	215.0	246.9	278.7
25°	0.0	12.9	34.4	61.1	90.7	121.8	154.4	187.4	220.1	252.7	285.2
22.5°	0.0	13.1	35.3	62.5	92.9	124.7	157.9	191.4	224.6	257.9	291.7
20°	0.0	13.3	36.1	63.8	94.9	127.3	161.0	194.9	228.7	262.5	297.4
17.5°	0.0	13.5	36.8	64.9	96.8	129.5	163.8	197.9	232.2	266.5	302.5
15°	0.0	13.7	37.4	65.8	98.4	131.3	166.4	200.8	235.2	269.8	306.7
12.5°	0.0	13.9	37.9	66.5	99.7	132.8	168.7	203.4	238.0	272.6	310.3
10°	0.0	14.0	38.3	67.1	100.9	133.9	170.5	205.6	240.5	275.9	313.5
7.5°	0.0	14.1	38.7	67.4	101.8	134.7	172.0	207.3	242.5	278.9	317.1
5°	0.0	14.1	38.9	67.6	102.5	135.1	173.1	208.5	243.9	281.3	319.9
2.5°	0.0	14.2	39.1	67.6	102.9	135.1	173.8	209.3	244.7	283.0	321.9
0°	0.0	14.2	39.1	67.5	103.0	134.9	174.0	209.5	245.0	284.1	323.1
-2.5°	0.0	14.2	39.1	67.6	102.9	135.1	173.8	209.3	244.7	283.0	321.9
-5°	0.0	14.1	38.9	67.6	102.5	135.1	173.1	208.5	243.9	281.3	319.9
-7.5°	0.0	14.1	38.7	67.4	101.8	134.7	172.0	207.3	242.5	278.9	317.1
-10°	0.0	14.0	38.3	67.1	100.9	133.9	170.5	205.6	240.5	275.9	313.5
-12.5°	0.0	13.9	37.9	66.5	99.7	132.8	168.7	203.4	238.0	272.6	310.3
-15°	0.0	13.7	37.4	65.8	98.4	131.3	166.4	200.8	235.2	269.8	306.7
-17.5°	0.0	13.5	36.8	64.9	96.8	129.5	163.8	197.9	232.2	266.5	302.5
-20°	0.0	13.3	36.1	63.8	94.9	127.3	161.0	194.9	228.7	262.5	297.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.1	35.3	62.5	92.9	124.7	157.9	191.4	224.6	257.9	291.7
-25°	0.0	12.9	34.4	61.1	90.7	121.8	154.4	187.4	220.1	252.7	285.2
-27.5°	0.0	12.6	33.5	59.4	88.3	118.5	150.4	183.0	215.0	246.9	278.7
-30°	0.0	12.3	32.4	57.6	85.7	114.9	146.0	178.2	209.4	240.6	271.6
-32.5°	0.0	12.0	31.3	55.6	82.8	111.0	141.2	172.7	203.4	233.7	264.0
-35°	0.0	11.6	30.1	53.4	79.7	106.8	136.1	166.7	196.9	226.4	255.7
-37.5°	0.0	11.3	28.8	51.0	76.4	102.5	130.7	160.1	189.9	218.5	247.2
-40°	0.0	10.9	27.4	48.5	72.9	98.1	125.1	153.1	182.5	210.1	238.1
-42.5°	0.0	10.5	26.0	45.8	69.2	93.4	119.1	145.7	174.2	201.4	228.6
-45°	0.0	10.0	24.5	42.9	65.3	88.4	112.7	138.0	165.1	192.1	218.4
-47.5°	0.0	9.6	22.9	39.9	61.3	83.2	106.2	130.3	155.5	182.2	207.4
-50°	0.0	9.1	21.3	37.2	57.1	77.7	99.5	122.3	145.5	171.1	195.7
-52.5°	0.0	8.6	19.6	34.7	52.7	72.0	92.6	113.9	135.9	159.5	183.4
-55°	0.0	8.1	17.8	32.1	48.2	66.3	85.3	105.4	126.0	147.5	170.1
-57.5°	0.0	7.6	16.0	29.4	43.6	60.5	77.9	96.5	115.8	135.6	156.4
-60°	0.0	7.1	14.2	26.6	38.9	54.6	70.2	87.4	105.2	123.5	142.4
-62.5°	0.0	6.6	13.1	23.7	35.1	48.5	62.9	78.1	94.6	111.0	128.3
-65°	0.0	6.0	12.0	20.8	31.2	42.3	55.4	68.8	83.7	98.7	113.8
-67.5°	0.0	5.4	10.9	17.8	27.3	36.6	47.8	60.1	72.6	86.2	99.7
-70°	0.0	4.9	9.7	14.8	23.2	31.6	40.1	51.2	62.4	73.6	85.6
-72.5°	0.0	4.3	8.5	12.8	19.1	26.5	33.8	42.1	52.1	62.0	71.7
-75°	0.0	3.7	7.3	11.0	15.0	21.3	27.6	34.3	41.6	50.2	58.7
-77.5°	0.0	3.1	6.1	9.2	12.2	16.0	21.3	26.8	32.7	38.8	45.6
-80°	0.0	2.5	4.9	7.4	9.8	12.2	15.0	19.3	23.8	28.6	33.5
-82.5°	0.0	1.9	3.7	5.5	7.4	9.2	11.0	12.8	14.8	18.2	21.7
-85°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.5	9.7	10.9	12.0
-87.5°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.4	6.0
-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°	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5	10.9	11.3
85°	13.1	14.2	16.3	18.4	20.4	22.3	24.1	25.9	27.7	29.3	30.8
82.5°	25.1	28.3	31.5	34.6	37.6	40.5	43.3	46.0	48.5	51.0	53.3
80°	38.0	42.4	46.8	50.8	54.7	58.6	62.3	65.9	69.4	73.0	76.9
77.5°	51.8	57.4	62.4	67.0	72.0	78.1	83.9	89.5	94.9	100.0	104.9
75°	66.0	72.3	79.2	86.1	93.2	100.5	107.5	114.3	120.9	127.7	134.5
72.5°	80.9	89.5	97.9	106.0	115.0	123.8	131.9	139.3	147.6	156.8	165.3
70°	96.7	106.7	117.2	127.6	137.8	147.6	157.7	167.7	177.9	187.8	197.3
67.5°	112.6	125.1	137.3	149.1	160.7	172.4	184.3	196.6	208.3	219.6	230.5
65°	129.6	143.5	157.1	170.4	183.2	197.6	211.8	225.4	240.3	254.1	266.0
62.5°	146.0	161.6	176.7	191.7	207.4	223.3	239.6	256.7	274.4	287.2	298.2
60°	161.9	179.5	196.3	213.5	231.0	248.9	267.7	285.9	302.1	316.0	327.6
57.5°	177.3	197.1	215.7	234.4	253.5	273.9	294.5	313.1	328.2	341.6	354.3
55°	192.3	214.2	234.0	253.9	275.6	299.5	320.6	337.4	352.9	363.9	376.1
52.5°	206.6	230.0	250.7	273.0	297.8	322.6	343.7	360.0	372.9	384.4	396.3
50°	220.3	243.8	266.8	292.1	318.3	343.2	364.5	379.5	392.5	404.5	415.9
47.5°	232.6	257.1	283.0	310.1	337.5	362.1	382.6	397.9	411.4	423.7	436.2
45°	244.3	270.5	298.1	327.8	355.9	380.3	398.9	415.3	428.3	442.1	457.8
42.5°	255.4	283.5	313.4	345.0	373.8	396.1	414.1	429.8	444.8	461.4	478.9
40°	266.3	295.6	328.0	361.2	390.5	409.8	427.8	444.5	461.7	480.6	499.8
37.5°	276.6	307.9	341.6	376.3	402.8	422.8	441.4	460.1	479.4	499.8	523.5
35°	285.9	319.3	354.7	388.2	413.6	435.5	455.4	475.6	497.3	522.1	548.3
32.5°	295.1	329.7	366.8	398.2	423.5	446.8	468.9	491.7	516.5	543.8	573.8
30°	304.1	339.9	377.4	408.5	432.2	456.1	482.0	507.4	535.0	565.4	600.6
27.5°	312.8	349.3	386.3	416.5	440.0	464.3	492.0	522.9	553.1	586.4	627.1
25°	320.8	358.9	395.0	422.8	446.6	472.1	501.0	534.0	569.4	609.0	658.9
22.5°	328.3	367.7	403.3	428.2	452.2	478.9	510.1	544.9	583.4	629.3	690.2
20°	335.4	374.5	408.8	433.2	456.7	484.4	517.9	554.5	598.5	654.1	727.0
17.5°	341.6	380.2	412.6	437.3	461.5	490.0	524.5	562.6	612.1	676.0	762.3
15°	346.9	385.0	415.9	440.5	465.6	495.7	531.3	572.8	627.1	697.4	792.8
12.5°	351.2	388.6	418.7	442.7	468.8	500.0	537.1	582.7	642.0	720.9	833.9
10°	354.6	391.3	420.9	444.1	471.0	502.8	541.6	590.4	654.0	740.4	869.1
7.5°	357.9	393.7	422.4	444.7	472.3	504.3	544.8	595.9	662.9	755.1	897.1
5°	360.3	395.9	423.3	446.0	473.1	504.9	547.0	599.0	668.4	764.8	916.9
2.5°	361.7	397.3	423.4	447.0	473.2	505.1	549.5	600.8	674.5	773.0	928.2
0°	362.2	397.7	422.6	447.4	472.3	504.2	550.4	600.1	678.2	777.7	930.3
-2.5°	361.7	397.3	423.4	447.0	473.2	505.1	549.5	600.8	674.5	773.0	928.2
-5°	360.3	395.9	423.3	446.0	473.1	504.9	547.0	599.0	668.4	764.8	916.9
-7.5°	357.9	393.7	422.4	444.7	472.3	504.3	544.8	595.9	662.9	755.1	897.1
-10°	354.6	391.3	420.9	444.1	471.0	502.8	541.6	590.4	654.0	740.4	869.1
-12.5°	351.2	388.6	418.7	442.7	468.8	500.0	537.1	582.7	642.0	720.9	833.9
-15°	346.9	385.0	415.9	440.5	465.6	495.7	531.3	572.8	627.1	697.4	792.8
-17.5°	341.6	380.2	412.6	437.3	461.5	490.0	524.5	562.6	612.1	676.0	762.3
-20°	335.4	374.5	408.8	433.2	456.7	484.4	517.9	554.5	598.5	654.1	727.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	328.3	367.7	403.3	428.2	452.2	478.9	510.1	544.9	583.4	629.3	690.2
-25°	320.8	358.9	395.0	422.8	446.6	472.1	501.0	534.0	569.4	609.0	658.9
-27.5°	312.8	349.3	386.3	416.5	440.0	464.3	492.0	522.9	553.1	586.4	627.1
-30°	304.1	339.9	377.4	408.5	432.2	456.1	482.0	507.4	535.0	565.4	600.6
-32.5°	295.1	329.7	366.8	398.2	423.5	446.8	468.9	491.7	516.5	543.8	573.8
-35°	285.9	319.3	354.7	388.2	413.6	435.5	455.4	475.6	497.3	522.1	548.3
-37.5°	276.6	307.9	341.6	376.3	402.8	422.8	441.4	460.1	479.4	499.8	523.5
-40°	266.3	295.6	328.0	361.2	390.5	409.8	427.8	444.5	461.7	480.6	499.8
-42.5°	255.4	283.5	313.4	345.0	373.8	396.1	414.1	429.8	444.8	461.4	478.9
-45°	244.3	270.5	298.1	327.8	355.9	380.3	398.9	415.3	428.3	442.1	457.8
-47.5°	232.6	257.1	283.0	310.1	337.5	362.1	382.6	397.9	411.4	423.7	436.2
-50°	220.3	243.8	266.8	292.1	318.3	343.2	364.5	379.5	392.5	404.5	415.9
-52.5°	206.6	230.0	250.7	273.0	297.8	322.6	343.7	360.0	372.9	384.4	396.3
-55°	192.3	214.2	234.0	253.9	275.6	299.5	320.6	337.4	352.9	363.9	376.1
-57.5°	177.3	197.1	215.7	234.4	253.5	273.9	294.5	313.1	328.2	341.6	354.3
-60°	161.9	179.5	196.3	213.5	231.0	248.9	267.7	285.9	302.1	316.0	327.6
-62.5°	146.0	161.6	176.7	191.7	207.4	223.3	239.6	256.7	274.4	287.2	298.2
-65°	129.6	143.5	157.1	170.4	183.2	197.6	211.8	225.4	240.3	254.1	266.0
-67.5°	112.6	125.1	137.3	149.1	160.7	172.4	184.3	196.6	208.3	219.6	230.5
-70°	96.7	106.7	117.2	127.6	137.8	147.6	157.7	167.7	177.9	187.8	197.3
-72.5°	80.9	89.5	97.9	106.0	115.0	123.8	131.9	139.3	147.6	156.8	165.3
-75°	66.0	72.3	79.2	86.1	93.2	100.5	107.5	114.3	120.9	127.7	134.5
-77.5°	51.8	57.4	62.4	67.0	72.0	78.1	83.9	89.5	94.9	100.0	104.9
-80°	38.0	42.4	46.8	50.8	54.7	58.6	62.3	65.9	69.4	73.0	76.9
-82.5°	25.1	28.3	31.5	34.6	37.6	40.5	43.3	46.0	48.5	51.0	53.3
-85°	13.1	14.2	16.3	18.4	20.4	22.3	24.1	25.9	27.7	29.3	30.8
-87.5°	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5	10.9	11.3
-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: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-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°	11.6	12.0	12.3	12.6	12.9	13.1	13.3	13.5	13.7	13.9	14.0
85°	32.3	33.7	35.0	36.2	37.3	37.5	37.6	37.6	37.4	37.9	38.3
82.5°	55.5	58.0	60.6	63.1	65.5	66.4	67.0	67.5	67.8	68.7	69.5
80°	80.6	84.6	88.2	91.5	94.4	96.5	98.3	100.1	101.6	102.4	102.7
77.5°	109.8	114.6	119.1	123.2	127.0	130.1	132.5	134.5	136.0	137.0	137.6
75°	141.2	147.3	152.7	157.6	162.2	165.4	167.7	169.3	170.4	171.6	172.6
72.5°	172.9	179.8	186.2	192.2	197.5	201.2	203.8	205.9	207.5	208.7	209.3
70°	206.3	214.5	221.6	227.6	232.3	235.9	238.7	241.0	242.7	243.9	244.5
67.5°	240.9	249.7	256.2	261.5	265.8	269.5	273.0	275.6	277.3	279.0	280.8
65°	276.0	285.0	291.7	297.3	301.8	306.7	311.1	314.5	316.6	318.7	320.7
62.5°	309.1	319.2	327.0	334.3	341.7	348.7	352.8	355.9	358.1	360.1	362.4
60°	339.1	350.6	360.2	369.1	378.2	387.3	391.0	393.9	396.6	399.2	401.6
57.5°	365.8	378.1	389.7	398.5	407.1	415.6	421.4	424.7	426.8	428.0	429.0
55°	389.1	401.3	412.9	423.0	432.4	441.1	447.6	450.8	453.1	454.6	455.5
52.5°	409.9	423.0	435.4	446.6	456.7	466.1	474.2	478.6	482.1	484.5	485.3
50°	430.4	444.5	457.9	469.9	481.6	492.9	503.3	509.3	513.5	516.1	516.9
47.5°	451.7	467.0	481.5	495.4	508.8	522.2	534.4	542.6	548.7	553.2	556.4
45°	473.9	490.4	506.4	522.8	538.2	555.4	571.0	582.9	591.7	599.4	605.5
42.5°	496.3	514.8	533.2	554.3	575.4	594.9	613.4	629.3	643.7	657.8	668.9
40°	520.6	540.8	566.1	591.1	617.1	639.8	666.8	691.0	713.2	737.2	757.0
37.5°	547.1	573.2	603.1	633.1	666.9	699.6	737.3	774.4	806.7	848.7	882.3
35°	576.1	609.1	644.4	684.7	728.2	779.5	832.3	894.2	946.6	1013.4	1074.9
32.5°	608.3	647.2	693.0	748.3	807.1	889.5	966.8	1071.7	1161.4	1277.1	1403.5
30°	641.1	691.2	753.6	825.1	924.4	1041.4	1177.8	1355.1	1547.0	1745.5	2012.8
27.5°	680.0	745.1	823.0	933.4	1081.9	1243.8	1521.6	1821.6	2239.5	2570.4	3159.6
25°	721.8	802.4	917.5	1077.5	1282.7	1610.4	2079.3	2622.4	3458.6	4202.5	5057.3
22.5°	771.4	880.9	1033.3	1242.7	1600.5	2164.3	2896.3	4011.4	5251.1	6474.6	7592.9
20°	824.0	956.2	1169.2	1510.4	2063.3	2878.5	4184.5	5778.0	7423.8	9100.5	10513.6
17.5°	885.2	1064.8	1345.4	1798.6	2587.5	3983.1	5727.5	7753.8	9903.8	12043.5	13902.1
15°	938.0	1159.8	1537.6	2216.4	3392.8	5138.5	7282.5	9841.5	12545.4	15322.2	18331.7
12.5°	1005.2	1274.3	1735.7	2561.9	4107.4	6376.4	8999.7	11970.8	15272.5	18959.4	23651.3
10°	1066.9	1394.4	1996.2	3115.4	4966.3	7532.6	10483.0	13853.8	18136.5	23677.0	29336.4
7.5°	1116.3	1489.6	2198.3	3547.3	5686.6	8520.4	11818.5	15860.0	21203.0	27800.4	34266.8
5°	1150.7	1555.6	2342.8	3873.6	6266.1	9275.4	12766.3	17339.0	23787.7	31175.7	37778.2
2.5°	1172.2	1591.7	2413.5	4067.4	6644.1	9729.7	13357.7	18278.8	25371.8	33324.3	40009.2
0°	1182.5	1597.9	2368.5	4161.7	6697.0	9697.6	13411.8	18592.6	25747.7	33907.8	40565.7
-2.5°	1172.2	1591.7	2413.5	4067.4	6644.1	9729.7	13357.7	18278.8	25371.8	33324.3	40009.2
-5°	1150.7	1555.6	2342.8	3873.6	6266.1	9275.4	12766.3	17339.0	23787.7	31175.7	37778.2
-7.5°	1116.3	1489.6	2198.3	3547.3	5686.6	8520.4	11818.5	15860.0	21203.0	27800.4	34266.8
-10°	1066.9	1394.4	1996.2	3115.4	4966.3	7532.6	10483.0	13853.8	18136.5	23677.0	29336.4
-12.5°	1005.2	1274.3	1735.7	2561.9	4107.4	6376.4	8999.7	11970.8	15272.5	18959.4	23651.3
-15°	938.0	1159.8	1537.6	2216.4	3392.8	5138.5	7282.5	9841.5	12545.4	15322.2	18331.7
-17.5°	885.2	1064.8	1345.4	1798.6	2587.5	3983.1	5727.5	7753.8	9903.8	12043.5	13902.1
-20°	824.0	956.2	1169.2	1510.4	2063.3	2878.5	4184.5	5778.0	7423.8	9100.5	10513.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	771.4	880.9	1033.3	1242.7	1600.5	2164.3	2896.3	4011.4	5251.1	6474.6	7592.9
-25°	721.8	802.4	917.5	1077.5	1282.7	1610.4	2079.3	2622.4	3458.6	4202.5	5057.3
-27.5°	680.0	745.1	823.0	933.4	1081.9	1243.8	1521.6	1821.6	2239.5	2570.4	3159.6
-30°	641.1	691.2	753.6	825.1	924.4	1041.4	1177.8	1355.1	1547.0	1745.5	2012.8
-32.5°	608.3	647.2	693.0	748.3	807.1	889.5	966.8	1071.7	1161.4	1277.1	1403.5
-35°	576.1	609.1	644.4	684.7	728.2	779.5	832.3	894.2	946.6	1013.4	1074.9
-37.5°	547.1	573.2	603.1	633.1	666.9	699.6	737.3	774.4	806.7	848.7	882.3
-40°	520.6	540.8	566.1	591.1	617.1	639.8	666.8	691.0	713.2	737.2	757.0
-42.5°	496.3	514.8	533.2	554.3	575.4	594.9	613.4	629.3	643.7	657.8	668.9
-45°	473.9	490.4	506.4	522.8	538.2	555.4	571.0	582.9	591.7	599.4	605.5
-47.5°	451.7	467.0	481.5	495.4	508.8	522.2	534.4	542.6	548.7	553.2	556.4
-50°	430.4	444.5	457.9	469.9	481.6	492.9	503.3	509.3	513.5	516.1	516.9
-52.5°	409.9	423.0	435.4	446.6	456.7	466.1	474.2	478.6	482.1	484.5	485.3
-55°	389.1	401.3	412.9	423.0	432.4	441.1	447.6	450.8	453.1	454.6	455.5
-57.5°	365.8	378.1	389.7	398.5	407.1	415.6	421.4	424.7	426.8	428.0	429.0
-60°	339.1	350.6	360.2	369.1	378.2	387.3	391.0	393.9	396.6	399.2	401.6
-62.5°	309.1	319.2	327.0	334.3	341.7	348.7	352.8	355.9	358.1	360.1	362.4
-65°	276.0	285.0	291.7	297.3	301.8	306.7	311.1	314.5	316.6	318.7	320.7
-67.5°	240.9	249.7	256.2	261.5	265.8	269.5	273.0	275.6	277.3	279.0	280.8
-70°	206.3	214.5	221.6	227.6	232.3	235.9	238.7	241.0	242.7	243.9	244.5
-72.5°	172.9	179.8	186.2	192.2	197.5	201.2	203.8	205.9	207.5	208.7	209.3
-75°	141.2	147.3	152.7	157.6	162.2	165.4	167.7	169.3	170.4	171.6	172.6
-77.5°	109.8	114.6	119.1	123.2	127.0	130.1	132.5	134.5	136.0	137.0	137.6
-80°	80.6	84.6	88.2	91.5	94.4	96.5	98.3	100.1	101.6	102.4	102.7
-82.5°	55.5	58.0	60.6	63.1	65.5	66.4	67.0	67.5	67.8	68.7	69.5
-85°	32.3	33.7	35.0	36.2	37.3	37.5	37.6	37.6	37.4	37.9	38.3
-87.5°	11.6	12.0	12.3	12.6	12.9	13.1	13.3	13.5	13.7	13.9	14.0
-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: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-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°	14.1	14.1	14.2	14.2	14.2	14.1	14.1	14.0	13.9	13.7	13.5
85°	38.7	38.9	39.1	39.1	39.1	38.9	38.7	38.3	37.9	37.4	37.6
82.5°	70.2	70.6	70.9	71.0	70.9	70.6	70.2	69.5	68.7	67.8	67.5
80°	102.8	102.5	102.9	103.0	102.9	102.5	102.8	102.7	102.4	101.6	100.1
77.5°	137.9	137.9	138.3	138.5	138.3	137.9	137.9	137.6	137.0	136.0	134.5
75°	173.1	173.2	173.8	174.0	173.8	173.2	173.1	172.6	171.6	170.4	169.3
72.5°	209.3	208.7	209.3	209.5	209.3	208.7	209.3	209.3	208.7	207.5	205.9
70°	244.6	244.1	246.4	248.6	246.4	244.1	244.6	244.5	243.9	242.7	241.0
67.5°	282.1	282.8	285.4	287.6	285.4	282.8	282.1	280.8	279.0	277.3	275.6
65°	321.7	321.9	324.3	326.7	324.3	321.9	321.7	320.7	318.7	316.6	314.5
62.5°	363.8	364.2	366.8	369.3	366.8	364.2	363.8	362.4	360.1	358.1	355.9
60°	403.0	403.4	404.3	404.8	404.3	403.4	403.0	401.6	399.2	396.6	393.9
57.5°	429.3	429.0	429.4	429.7	429.4	429.0	429.3	429.0	428.0	426.8	424.7
55°	455.3	454.1	452.8	451.0	452.8	454.1	455.3	455.5	454.6	453.1	450.8
52.5°	484.7	482.8	481.1	479.4	481.1	482.8	484.7	485.3	484.5	482.1	478.6
50°	516.4	514.7	513.1	511.3	513.1	514.7	516.4	516.9	516.1	513.5	509.3
47.5°	558.6	559.3	559.0	557.5	559.0	559.3	558.6	556.4	553.2	548.7	542.6
45°	609.8	611.9	612.1	610.8	612.1	611.9	609.8	605.5	599.4	591.7	582.9
42.5°	676.6	681.1	683.6	685.3	683.6	681.1	676.6	668.9	657.8	643.7	629.3
40°	771.4	780.6	786.4	791.9	786.4	780.6	771.4	757.0	737.2	713.2	691.0
37.5°	907.3	923.9	931.3	926.8	931.3	923.9	907.3	882.3	848.7	806.7	774.4
35°	1122.3	1154.0	1170.5	1171.8	1170.5	1154.0	1122.3	1074.9	1013.4	946.6	894.2
32.5°	1496.9	1561.7	1596.5	1601.5	1596.5	1561.7	1496.9	1403.5	1277.1	1161.4	1071.7
30°	2217.4	2349.5	2411.6	2396.9	2411.6	2349.5	2217.4	2012.8	1745.5	1547.0	1355.1
27.5°	3617.7	3947.3	4142.5	4158.1	4142.5	3947.3	3617.7	3159.6	2570.4	2239.5	1821.6
25°	5814.4	6377.1	6737.4	6743.2	6737.4	6377.1	5814.4	5057.3	4202.5	3458.6	2622.4
22.5°	8627.0	9395.0	9815.8	9889.3	9815.8	9395.0	8627.0	7592.9	6474.6	5251.1	4011.4
20°	11885.5	12907.2	13453.8	13454.4	13453.8	12907.2	11885.5	10513.6	9100.5	7423.8	5778.0
17.5°	15898.4	17557.4	18598.8	19047.1	18598.8	17557.4	15898.4	13902.1	12043.5	9903.8	7753.8
15°	21229.7	24017.5	25688.1	25989.2	25688.1	24017.5	21229.7	18331.7	15322.2	12545.4	9841.5
12.5°	27721.1	31249.2	33620.9	34490.1	33620.9	31249.2	27721.1	23651.3	18959.4	15272.5	11970.8
10°	34498.6	37767.7	40308.5	41162.3	40308.5	37767.7	34498.6	29336.4	23677.0	18136.5	13853.8
7.5°	39394.9	43293.1	46155.1	47411.9	46155.1	43293.1	39394.9	34266.8	27800.4	21203.0	15860.0
5°	43260.1	47872.6	50536.7	51719.2	50536.7	47872.6	43260.1	37778.2	31175.7	23787.7	17339.0
2.5°	45796.1	50353.6	53174.9	54265.2	53174.9	50353.6	45796.1	40009.2	33324.3	25371.8	18278.8
0°	46744.3	51200.7	53988.2	55319.8	53988.2	51200.7	46744.3	40565.7	33907.8	25747.7	18592.6
-2.5°	45796.1	50353.6	53174.9	54265.2	53174.9	50353.6	45796.1	40009.2	33324.3	25371.8	18278.8
-5°	43260.1	47872.6	50536.7	51719.2	50536.7	47872.6	43260.1	37778.2	31175.7	23787.7	17339.0
-7.5°	39394.9	43293.1	46155.1	47411.9	46155.1	43293.1	39394.9	34266.8	27800.4	21203.0	15860.0
-10°	34498.6	37767.7	40308.5	41162.3	40308.5	37767.7	34498.6	29336.4	23677.0	18136.5	13853.8
-12.5°	27721.1	31249.2	33620.9	34490.1	33620.9	31249.2	27721.1	23651.3	18959.4	15272.5	11970.8
-15°	21229.7	24017.5	25688.1	25989.2	25688.1	24017.5	21229.7	18331.7	15322.2	12545.4	9841.5
-17.5°	15898.4	17557.4	18598.8	19047.1	18598.8	17557.4	15898.4	13902.1	12043.5	9903.8	7753.8
-20°	11885.5	12907.2	13453.8	13454.4	13453.8	12907.2	11885.5	10513.6	9100.5	7423.8	5778.0



REPORT NUMBER: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	8627.0	9395.0	9815.8	9889.3	9815.8	9395.0	8627.0	7592.9	6474.6	5251.1	4011.4
-25°	5814.4	6377.1	6737.4	6743.2	6737.4	6377.1	5814.4	5057.3	4202.5	3458.6	2622.4
-27.5°	3617.7	3947.3	4142.5	4158.1	4142.5	3947.3	3617.7	3159.6	2570.4	2239.5	1821.6
-30°	2217.4	2349.5	2411.6	2396.9	2411.6	2349.5	2217.4	2012.8	1745.5	1547.0	1355.1
-32.5°	1496.9	1561.7	1596.5	1601.5	1596.5	1561.7	1496.9	1403.5	1277.1	1161.4	1071.7
-35°	1122.3	1154.0	1170.5	1171.8	1170.5	1154.0	1122.3	1074.9	1013.4	946.6	894.2
-37.5°	907.3	923.9	931.3	926.8	931.3	923.9	907.3	882.3	848.7	806.7	774.4
-40°	771.4	780.6	786.4	791.9	786.4	780.6	771.4	757.0	737.2	713.2	691.0
-42.5°	676.6	681.1	683.6	685.3	683.6	681.1	676.6	668.9	657.8	643.7	629.3
-45°	609.8	611.9	612.1	610.8	612.1	611.9	609.8	605.5	599.4	591.7	582.9
-47.5°	558.6	559.3	559.0	557.5	559.0	559.3	558.6	556.4	553.2	548.7	542.6
-50°	516.4	514.7	513.1	511.3	513.1	514.7	516.4	516.9	516.1	513.5	509.3
-52.5°	484.7	482.8	481.1	479.4	481.1	482.8	484.7	485.3	484.5	482.1	478.6
-55°	455.3	454.1	452.8	451.0	452.8	454.1	455.3	455.5	454.6	453.1	450.8
-57.5°	429.3	429.0	429.4	429.7	429.4	429.0	429.3	429.0	428.0	426.8	424.7
-60°	403.0	403.4	404.3	404.8	404.3	403.4	403.0	401.6	399.2	396.6	393.9
-62.5°	363.8	364.2	366.8	369.3	366.8	364.2	363.8	362.4	360.1	358.1	355.9
-65°	321.7	321.9	324.3	326.7	324.3	321.9	321.7	320.7	318.7	316.6	314.5
-67.5°	282.1	282.8	285.4	287.6	285.4	282.8	282.1	280.8	279.0	277.3	275.6
-70°	244.6	244.1	246.4	248.6	246.4	244.1	244.6	244.5	243.9	242.7	241.0
-72.5°	209.3	208.7	209.3	209.5	209.3	208.7	209.3	209.3	208.7	207.5	205.9
-75°	173.1	173.2	173.8	174.0	173.8	173.2	173.1	172.6	171.6	170.4	169.3
-77.5°	137.9	137.9	138.3	138.5	138.3	137.9	137.9	137.6	137.0	136.0	134.5
-80°	102.8	102.5	102.9	103.0	102.9	102.5	102.8	102.7	102.4	101.6	100.1
-82.5°	70.2	70.6	70.9	71.0	70.9	70.6	70.2	69.5	68.7	67.8	67.5
-85°	38.7	38.9	39.1	39.1	39.1	38.9	38.7	38.3	37.9	37.4	37.6
-87.5°	14.1	14.1	14.2	14.2	14.2	14.1	14.1	14.0	13.9	13.7	13.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-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°	13.3	13.1	12.9	12.6	12.3	12.0	11.6	11.3	10.9	10.5	10.0
85°	37.6	37.5	37.3	36.2	35.0	33.7	32.3	30.8	29.3	27.7	25.9
82.5°	67.0	66.4	65.5	63.1	60.6	58.0	55.5	53.3	51.0	48.5	46.0
80°	98.3	96.5	94.4	91.5	88.2	84.6	80.6	76.9	73.0	69.4	65.9
77.5°	132.5	130.1	127.0	123.2	119.1	114.6	109.8	104.9	100.0	94.9	89.5
75°	167.7	165.4	162.2	157.6	152.7	147.3	141.2	134.5	127.7	120.9	114.3
72.5°	203.8	201.2	197.5	192.2	186.2	179.8	172.9	165.3	156.8	147.6	139.3
70°	238.7	235.9	232.3	227.6	221.6	214.5	206.3	197.3	187.8	177.9	167.7
67.5°	273.0	269.5	265.8	261.5	256.2	249.7	240.9	230.5	219.6	208.3	196.6
65°	311.1	306.7	301.8	297.3	291.7	285.0	276.0	266.0	254.1	240.3	225.4
62.5°	352.8	348.7	341.7	334.3	327.0	319.2	309.1	298.2	287.2	274.4	256.7
60°	391.0	387.3	378.2	369.1	360.2	350.6	339.1	327.6	316.0	302.1	285.9
57.5°	421.4	415.6	407.1	398.5	389.7	378.1	365.8	354.3	341.6	328.2	313.1
55°	447.6	441.1	432.4	423.0	412.9	401.3	389.1	376.1	363.9	352.9	337.4
52.5°	474.2	466.1	456.7	446.6	435.4	423.0	409.9	396.3	384.4	372.9	360.0
50°	503.3	492.9	481.6	469.9	457.9	444.5	430.4	415.9	404.5	392.5	379.5
47.5°	534.4	522.2	508.8	495.4	481.5	467.0	451.7	436.2	423.7	411.4	397.9
45°	571.0	555.4	538.2	522.8	506.4	490.4	473.9	457.8	442.1	428.3	415.3
42.5°	613.4	594.9	575.4	554.3	533.2	514.8	496.3	478.9	461.4	444.8	429.8
40°	666.8	639.8	617.1	591.1	566.1	540.8	520.6	499.8	480.6	461.7	444.5
37.5°	737.3	699.6	666.9	633.1	603.1	573.2	547.1	523.5	499.8	479.4	460.1
35°	832.3	779.5	728.2	684.7	644.4	609.1	576.1	548.3	522.1	497.3	475.6
32.5°	966.8	889.5	807.1	748.3	693.0	647.2	608.3	573.8	543.8	516.5	491.7
30°	1177.8	1041.4	924.4	825.1	753.6	691.2	641.1	600.6	565.4	535.0	507.4
27.5°	1521.6	1243.8	1081.9	933.4	823.0	745.1	680.0	627.1	586.4	553.1	522.9
25°	2079.3	1610.4	1282.7	1077.5	917.5	802.4	721.8	658.9	609.0	569.4	534.0
22.5°	2896.3	2164.3	1600.5	1242.7	1033.3	880.9	771.4	690.2	629.3	583.4	544.9
20°	4184.5	2878.5	2063.3	1510.4	1169.2	956.2	824.0	727.0	654.1	598.5	554.5
17.5°	5727.5	3983.1	2587.5	1798.6	1345.4	1064.8	885.2	762.3	676.0	612.1	562.6
15°	7282.5	5138.5	3392.8	2216.4	1537.6	1159.8	938.0	792.8	697.4	627.1	572.8
12.5°	8999.7	6376.4	4107.4	2561.9	1735.7	1274.3	1005.2	833.9	720.9	642.0	582.7
10°	10483.0	7532.6	4966.3	3115.4	1996.2	1394.4	1066.9	869.1	740.4	654.0	590.4
7.5°	11818.5	8520.4	5686.6	3547.3	2198.3	1489.6	1116.3	897.1	755.1	662.9	595.9
5°	12766.3	9275.4	6266.1	3873.6	2342.8	1555.6	1150.7	916.9	764.8	668.4	599.0
2.5°	13357.7	9729.7	6644.1	4067.4	2413.5	1591.7	1172.2	928.2	773.0	674.5	600.8
0°	13411.8	9697.6	6697.0	4161.7	2368.5	1597.9	1182.5	930.3	777.7	678.2	600.1
-2.5°	13357.7	9729.7	6644.1	4067.4	2413.5	1591.7	1172.2	928.2	773.0	674.5	600.8
-5°	12766.3	9275.4	6266.1	3873.6	2342.8	1555.6	1150.7	916.9	764.8	668.4	599.0
-7.5°	11818.5	8520.4	5686.6	3547.3	2198.3	1489.6	1116.3	897.1	755.1	662.9	595.9
-10°	10483.0	7532.6	4966.3	3115.4	1996.2	1394.4	1066.9	869.1	740.4	654.0	590.4
-12.5°	8999.7	6376.4	4107.4	2561.9	1735.7	1274.3	1005.2	833.9	720.9	642.0	582.7
-15°	7282.5	5138.5	3392.8	2216.4	1537.6	1159.8	938.0	792.8	697.4	627.1	572.8
-17.5°	5727.5	3983.1	2587.5	1798.6	1345.4	1064.8	885.2	762.3	676.0	612.1	562.6
-20°	4184.5	2878.5	2063.3	1510.4	1169.2	956.2	824.0	727.0	654.1	598.5	554.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2896.3	2164.3	1600.5	1242.7	1033.3	880.9	771.4	690.2	629.3	583.4	544.9
-25°	2079.3	1610.4	1282.7	1077.5	917.5	802.4	721.8	658.9	609.0	569.4	534.0
-27.5°	1521.6	1243.8	1081.9	933.4	823.0	745.1	680.0	627.1	586.4	553.1	522.9
-30°	1177.8	1041.4	924.4	825.1	753.6	691.2	641.1	600.6	565.4	535.0	507.4
-32.5°	966.8	889.5	807.1	748.3	693.0	647.2	608.3	573.8	543.8	516.5	491.7
-35°	832.3	779.5	728.2	684.7	644.4	609.1	576.1	548.3	522.1	497.3	475.6
-37.5°	737.3	699.6	666.9	633.1	603.1	573.2	547.1	523.5	499.8	479.4	460.1
-40°	666.8	639.8	617.1	591.1	566.1	540.8	520.6	499.8	480.6	461.7	444.5
-42.5°	613.4	594.9	575.4	554.3	533.2	514.8	496.3	478.9	461.4	444.8	429.8
-45°	571.0	555.4	538.2	522.8	506.4	490.4	473.9	457.8	442.1	428.3	415.3
-47.5°	534.4	522.2	508.8	495.4	481.5	467.0	451.7	436.2	423.7	411.4	397.9
-50°	503.3	492.9	481.6	469.9	457.9	444.5	430.4	415.9	404.5	392.5	379.5
-52.5°	474.2	466.1	456.7	446.6	435.4	423.0	409.9	396.3	384.4	372.9	360.0
-55°	447.6	441.1	432.4	423.0	412.9	401.3	389.1	376.1	363.9	352.9	337.4
-57.5°	421.4	415.6	407.1	398.5	389.7	378.1	365.8	354.3	341.6	328.2	313.1
-60°	391.0	387.3	378.2	369.1	360.2	350.6	339.1	327.6	316.0	302.1	285.9
-62.5°	352.8	348.7	341.7	334.3	327.0	319.2	309.1	298.2	287.2	274.4	256.7
-65°	311.1	306.7	301.8	297.3	291.7	285.0	276.0	266.0	254.1	240.3	225.4
-67.5°	273.0	269.5	265.8	261.5	256.2	249.7	240.9	230.5	219.6	208.3	196.6
-70°	238.7	235.9	232.3	227.6	221.6	214.5	206.3	197.3	187.8	177.9	167.7
-72.5°	203.8	201.2	197.5	192.2	186.2	179.8	172.9	165.3	156.8	147.6	139.3
-75°	167.7	165.4	162.2	157.6	152.7	147.3	141.2	134.5	127.7	120.9	114.3
-77.5°	132.5	130.1	127.0	123.2	119.1	114.6	109.8	104.9	100.0	94.9	89.5
-80°	98.3	96.5	94.4	91.5	88.2	84.6	80.6	76.9	73.0	69.4	65.9
-82.5°	67.0	66.4	65.5	63.1	60.6	58.0	55.5	53.3	51.0	48.5	46.0
-85°	37.6	37.5	37.3	36.2	35.0	33.7	32.3	30.8	29.3	27.7	25.9
-87.5°	13.3	13.1	12.9	12.6	12.3	12.0	11.6	11.3	10.9	10.5	10.0
-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: P627155 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.0	5.4	4.9	4.3
85°	24.1	22.3	20.4	18.4	16.3	14.2	13.1	12.0	10.9	9.7	8.5
82.5°	43.3	40.5	37.6	34.6	31.5	28.3	25.1	21.7	18.2	14.8	12.8
80°	62.3	58.6	54.7	50.8	46.8	42.4	38.0	33.5	28.6	23.8	19.3
77.5°	83.9	78.1	72.0	67.0	62.4	57.4	51.8	45.6	38.8	32.7	26.8
75°	107.5	100.5	93.2	86.1	79.2	72.3	66.0	58.7	50.2	41.6	34.3
72.5°	131.9	123.8	115.0	106.0	97.9	89.5	80.9	71.7	62.0	52.1	42.1
70°	157.7	147.6	137.8	127.6	117.2	106.7	96.7	85.6	73.6	62.4	51.2
67.5°	184.3	172.4	160.7	149.1	137.3	125.1	112.6	99.7	86.2	72.6	60.1
65°	211.8	197.6	183.2	170.4	157.1	143.5	129.6	113.8	98.7	83.7	68.8
62.5°	239.6	223.3	207.4	191.7	176.7	161.6	146.0	128.3	111.0	94.6	78.1
60°	267.7	248.9	231.0	213.5	196.3	179.5	161.9	142.4	123.5	105.2	87.4
57.5°	294.5	273.9	253.5	234.4	215.7	197.1	177.3	156.4	135.6	115.8	96.5
55°	320.6	299.5	275.6	253.9	234.0	214.2	192.3	170.1	147.5	126.0	105.4
52.5°	343.7	322.6	297.8	273.0	250.7	230.0	206.6	183.4	159.5	135.9	113.9
50°	364.5	343.2	318.3	292.1	266.8	243.8	220.3	195.7	171.1	145.5	122.3
47.5°	382.6	362.1	337.5	310.1	283.0	257.1	232.6	207.4	182.2	155.5	130.3
45°	398.9	380.3	355.9	327.8	298.1	270.5	244.3	218.4	192.1	165.1	138.0
42.5°	414.1	396.1	373.8	345.0	313.4	283.5	255.4	228.6	201.4	174.2	145.7
40°	427.8	409.8	390.5	361.2	328.0	295.6	266.3	238.1	210.1	182.5	153.1
37.5°	441.4	422.8	402.8	376.3	341.6	307.9	276.6	247.2	218.5	189.9	160.1
35°	455.4	435.5	413.6	388.2	354.7	319.3	285.9	255.7	226.4	196.9	166.7
32.5°	468.9	446.8	423.5	398.2	366.8	329.7	295.1	264.0	233.7	203.4	172.7
30°	482.0	456.1	432.2	408.5	377.4	339.9	304.1	271.6	240.6	209.4	178.2
27.5°	492.0	464.3	440.0	416.5	386.3	349.3	312.8	278.7	246.9	215.0	183.0
25°	501.0	472.1	446.6	422.8	395.0	358.9	320.8	285.2	252.7	220.1	187.4
22.5°	510.1	478.9	452.2	428.2	403.3	367.7	328.3	291.7	257.9	224.6	191.4
20°	517.9	484.4	456.7	433.2	408.8	374.5	335.4	297.4	262.5	228.7	194.9
17.5°	524.5	490.0	461.5	437.3	412.6	380.2	341.6	302.5	266.5	232.2	197.9
15°	531.3	495.7	465.6	440.5	415.9	385.0	346.9	306.7	269.8	235.2	200.8
12.5°	537.1	500.0	468.8	442.7	418.7	388.6	351.2	310.3	272.6	238.0	203.4
10°	541.6	502.8	471.0	444.1	420.9	391.3	354.6	313.5	275.9	240.5	205.6
7.5°	544.8	504.3	472.3	444.7	422.4	393.7	357.9	317.1	278.9	242.5	207.3
5°	547.0	504.9	473.1	446.0	423.3	395.9	360.3	319.9	281.3	243.9	208.5
2.5°	549.5	505.1	473.2	447.0	423.4	397.3	361.7	321.9	283.0	244.7	209.3
0°	550.4	504.2	472.3	447.4	422.6	397.7	362.2	323.1	284.1	245.0	209.5
-2.5°	549.5	505.1	473.2	447.0	423.4	397.3	361.7	321.9	283.0	244.7	209.3
-5°	547.0	504.9	473.1	446.0	423.3	395.9	360.3	319.9	281.3	243.9	208.5
-7.5°	544.8	504.3	472.3	444.7	422.4	393.7	357.9	317.1	278.9	242.5	207.3
-10°	541.6	502.8	471.0	444.1	420.9	391.3	354.6	313.5	275.9	240.5	205.6
-12.5°	537.1	500.0	468.8	442.7	418.7	388.6	351.2	310.3	272.6	238.0	203.4
-15°	531.3	495.7	465.6	440.5	415.9	385.0	346.9	306.7	269.8	235.2	200.8
-17.5°	524.5	490.0	461.5	437.3	412.6	380.2	341.6	302.5	266.5	232.2	197.9
-20°	517.9	484.4	456.7	433.2	408.8	374.5	335.4	297.4	262.5	228.7	194.9



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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°	510.1	478.9	452.2	428.2	403.3	367.7	328.3	291.7	257.9	224.6	191.4
-25°	501.0	472.1	446.6	422.8	395.0	358.9	320.8	285.2	252.7	220.1	187.4
-27.5°	492.0	464.3	440.0	416.5	386.3	349.3	312.8	278.7	246.9	215.0	183.0
-30°	482.0	456.1	432.2	408.5	377.4	339.9	304.1	271.6	240.6	209.4	178.2
-32.5°	468.9	446.8	423.5	398.2	366.8	329.7	295.1	264.0	233.7	203.4	172.7
-35°	455.4	435.5	413.6	388.2	354.7	319.3	285.9	255.7	226.4	196.9	166.7
-37.5°	441.4	422.8	402.8	376.3	341.6	307.9	276.6	247.2	218.5	189.9	160.1
-40°	427.8	409.8	390.5	361.2	328.0	295.6	266.3	238.1	210.1	182.5	153.1
-42.5°	414.1	396.1	373.8	345.0	313.4	283.5	255.4	228.6	201.4	174.2	145.7
-45°	398.9	380.3	355.9	327.8	298.1	270.5	244.3	218.4	192.1	165.1	138.0
-47.5°	382.6	362.1	337.5	310.1	283.0	257.1	232.6	207.4	182.2	155.5	130.3
-50°	364.5	343.2	318.3	292.1	266.8	243.8	220.3	195.7	171.1	145.5	122.3
-52.5°	343.7	322.6	297.8	273.0	250.7	230.0	206.6	183.4	159.5	135.9	113.9
-55°	320.6	299.5	275.6	253.9	234.0	214.2	192.3	170.1	147.5	126.0	105.4
-57.5°	294.5	273.9	253.5	234.4	215.7	197.1	177.3	156.4	135.6	115.8	96.5
-60°	267.7	248.9	231.0	213.5	196.3	179.5	161.9	142.4	123.5	105.2	87.4
-62.5°	239.6	223.3	207.4	191.7	176.7	161.6	146.0	128.3	111.0	94.6	78.1
-65°	211.8	197.6	183.2	170.4	157.1	143.5	129.6	113.8	98.7	83.7	68.8
-67.5°	184.3	172.4	160.7	149.1	137.3	125.1	112.6	99.7	86.2	72.6	60.1
-70°	157.7	147.6	137.8	127.6	117.2	106.7	96.7	85.6	73.6	62.4	51.2
-72.5°	131.9	123.8	115.0	106.0	97.9	89.5	80.9	71.7	62.0	52.1	42.1
-75°	107.5	100.5	93.2	86.1	79.2	72.3	66.0	58.7	50.2	41.6	34.3
-77.5°	83.9	78.1	72.0	67.0	62.4	57.4	51.8	45.6	38.8	32.7	26.8
-80°	62.3	58.6	54.7	50.8	46.8	42.4	38.0	33.5	28.6	23.8	19.3
-82.5°	43.3	40.5	37.6	34.6	31.5	28.3	25.1	21.7	18.2	14.8	12.8
-85°	24.1	22.3	20.4	18.4	16.3	14.2	13.1	12.0	10.9	9.7	8.5
-87.5°	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.0	5.4	4.9	4.3
-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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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
85°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
82.5°	11.0	9.2	7.4	5.5	3.7	1.9	0.0
80°	15.0	12.2	9.8	7.4	4.9	2.5	0.0
77.5°	21.3	16.0	12.2	9.2	6.1	3.1	0.0
75°	27.6	21.3	15.0	11.0	7.3	3.7	0.0
72.5°	33.8	26.5	19.1	12.8	8.5	4.3	0.0
70°	40.1	31.6	23.2	14.8	9.7	4.9	0.0
67.5°	47.8	36.6	27.3	17.8	10.9	5.4	0.0
65°	55.4	42.3	31.2	20.8	12.0	6.0	0.0
62.5°	62.9	48.5	35.1	23.7	13.1	6.6	0.0
60°	70.2	54.6	38.9	26.6	14.2	7.1	0.0
57.5°	77.9	60.5	43.6	29.4	16.0	7.6	0.0
55°	85.3	66.3	48.2	32.1	17.8	8.1	0.0
52.5°	92.6	72.0	52.7	34.7	19.6	8.6	0.0
50°	99.5	77.7	57.1	37.2	21.3	9.1	0.0
47.5°	106.2	83.2	61.3	39.9	22.9	9.6	0.0
45°	112.7	88.4	65.3	42.9	24.5	10.0	0.0
42.5°	119.1	93.4	69.2	45.8	26.0	10.5	0.0
40°	125.1	98.1	72.9	48.5	27.4	10.9	0.0
37.5°	130.7	102.5	76.4	51.0	28.8	11.3	0.0
35°	136.1	106.8	79.7	53.4	30.1	11.6	0.0
32.5°	141.2	111.0	82.8	55.6	31.3	12.0	0.0
30°	146.0	114.9	85.7	57.6	32.4	12.3	0.0
27.5°	150.4	118.5	88.3	59.4	33.5	12.6	0.0
25°	154.4	121.8	90.7	61.1	34.4	12.9	0.0
22.5°	157.9	124.7	92.9	62.5	35.3	13.1	0.0
20°	161.0	127.3	94.9	63.8	36.1	13.3	0.0
17.5°	163.8	129.5	96.8	64.9	36.8	13.5	0.0
15°	166.4	131.3	98.4	65.8	37.4	13.7	0.0
12.5°	168.7	132.8	99.7	66.5	37.9	13.9	0.0
10°	170.5	133.9	100.9	67.1	38.3	14.0	0.0
7.5°	172.0	134.7	101.8	67.4	38.7	14.1	0.0
5°	173.1	135.1	102.5	67.6	38.9	14.1	0.0
2.5°	173.8	135.1	102.9	67.6	39.1	14.2	0.0
0°	174.0	134.9	103.0	67.5	39.1	14.2	0.0
-2.5°	173.8	135.1	102.9	67.6	39.1	14.2	0.0
-5°	173.1	135.1	102.5	67.6	38.9	14.1	0.0
-7.5°	172.0	134.7	101.8	67.4	38.7	14.1	0.0
-10°	170.5	133.9	100.9	67.1	38.3	14.0	0.0
-12.5°	168.7	132.8	99.7	66.5	37.9	13.9	0.0
-15°	166.4	131.3	98.4	65.8	37.4	13.7	0.0
-17.5°	163.8	129.5	96.8	64.9	36.8	13.5	0.0
-20°	161.0	127.3	94.9	63.8	36.1	13.3	0.0

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CATALOG NUMBER: GFLD-SA3C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	157.9	124.7	92.9	62.5	35.3	13.1	0.0
-25°	154.4	121.8	90.7	61.1	34.4	12.9	0.0
-27.5°	150.4	118.5	88.3	59.4	33.5	12.6	0.0
-30°	146.0	114.9	85.7	57.6	32.4	12.3	0.0
-32.5°	141.2	111.0	82.8	55.6	31.3	12.0	0.0
-35°	136.1	106.8	79.7	53.4	30.1	11.6	0.0
-37.5°	130.7	102.5	76.4	51.0	28.8	11.3	0.0
-40°	125.1	98.1	72.9	48.5	27.4	10.9	0.0
-42.5°	119.1	93.4	69.2	45.8	26.0	10.5	0.0
-45°	112.7	88.4	65.3	42.9	24.5	10.0	0.0
-47.5°	106.2	83.2	61.3	39.9	22.9	9.6	0.0
-50°	99.5	77.7	57.1	37.2	21.3	9.1	0.0
-52.5°	92.6	72.0	52.7	34.7	19.6	8.6	0.0
-55°	85.3	66.3	48.2	32.1	17.8	8.1	0.0
-57.5°	77.9	60.5	43.6	29.4	16.0	7.6	0.0
-60°	70.2	54.6	38.9	26.6	14.2	7.1	0.0
-62.5°	62.9	48.5	35.1	23.7	13.1	6.6	0.0
-65°	55.4	42.3	31.2	20.8	12.0	6.0	0.0
-67.5°	47.8	36.6	27.3	17.8	10.9	5.4	0.0
-70°	40.1	31.6	23.2	14.8	9.7	4.9	0.0
-72.5°	33.8	26.5	19.1	12.8	8.5	4.3	0.0
-75°	27.6	21.3	15.0	11.0	7.3	3.7	0.0
-77.5°	21.3	16.0	12.2	9.2	6.1	3.1	0.0
-80°	15.0	12.2	9.8	7.4	4.9	2.5	0.0
-82.5°	11.0	9.2	7.4	5.5	3.7	1.9	0.0
-85°	7.3	6.1	4.9	3.7	2.5	1.2	0.0
-87.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)