

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: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-735-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N21
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

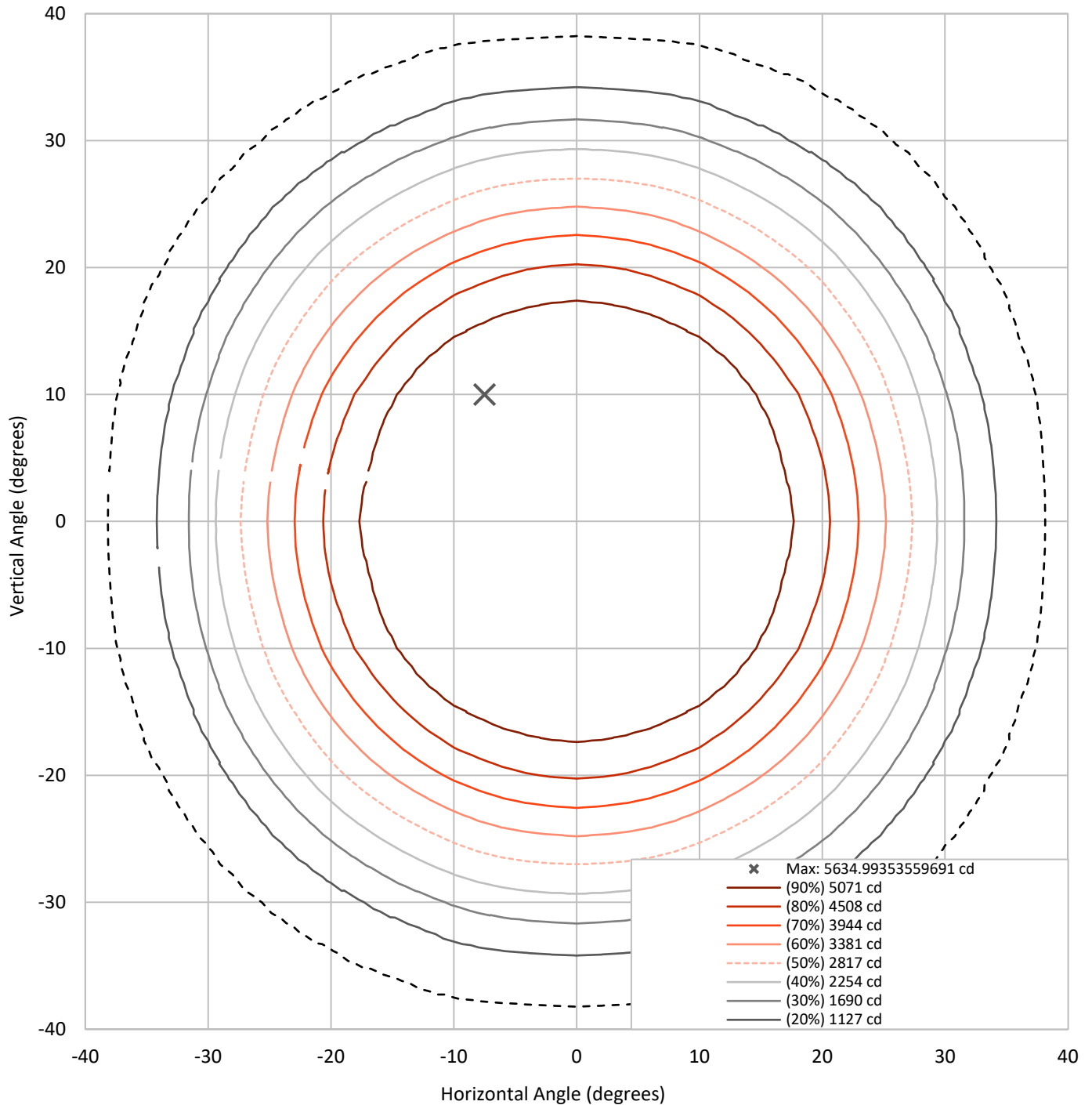
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4795.9 lumens	Max Intensity:	5635 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	143.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	3183.3 lumens	Field Lumens:	4139.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	33.5		
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





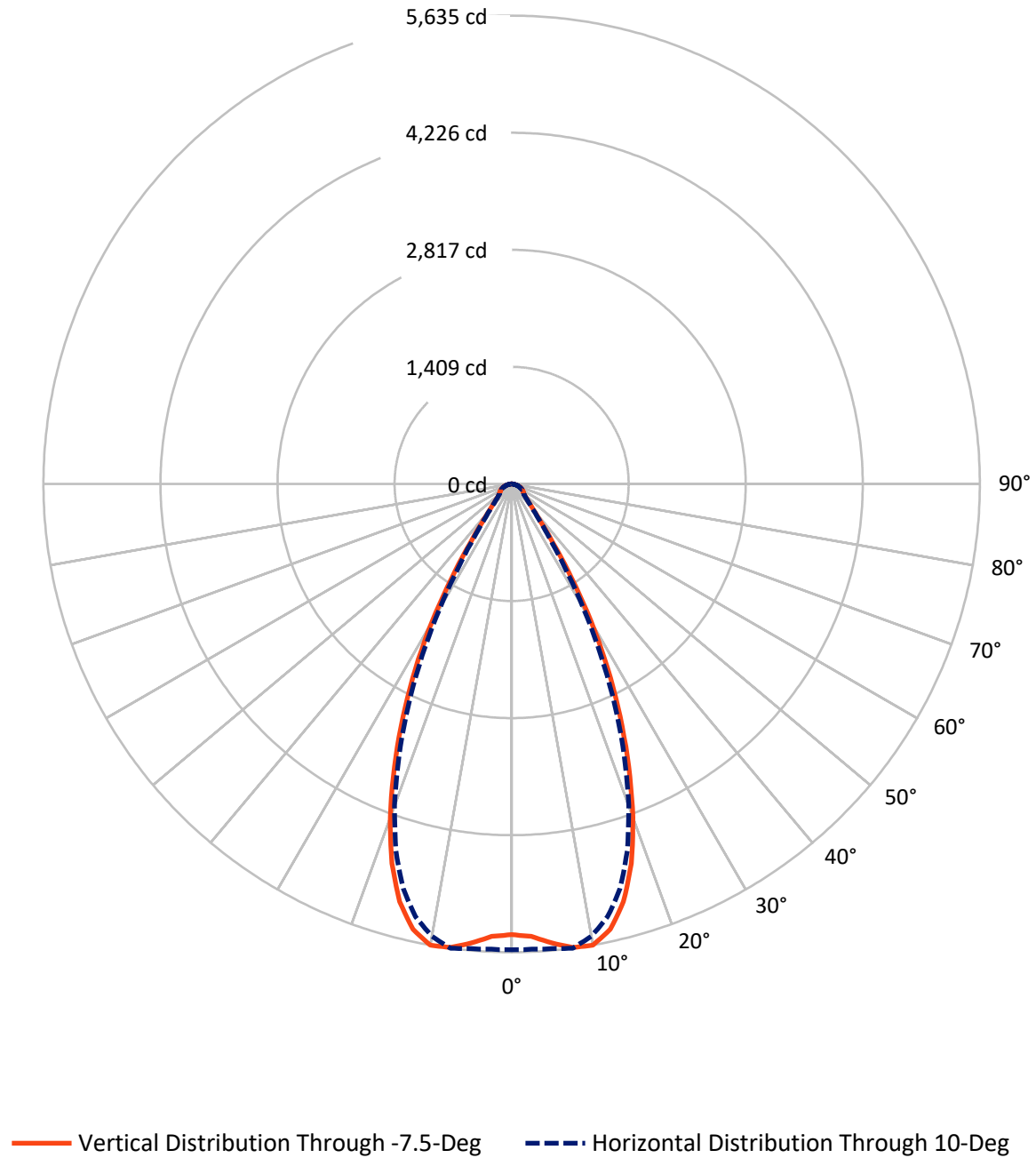
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Lumen Table

90																			
80	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1			
70																			
60	0.5	0.6	1.2	1.9	2.7	3.3	3.7	3.9	3.9	3.7	3.3	2.7	1.9	1.2	0.6	0.5			
50		0.9	1.7	2.8	3.7	4.5	5.0	5.2	5.2	5.0	4.5	3.7	2.8	1.7	0.9				
40	0.9	1.1	2.2	3.4	4.5	5.9	7.4	8.5	8.5	7.4	5.9	4.5	3.4	2.2	1.1	0.9			
30		1.3	2.5	3.9	6.0	10.9	20.9	30.9	30.9	20.9	10.9	6.0	3.9	2.5	1.3				
20	1.2	1.5	2.8	4.5	9.8	30.8	69.1	96.4	96.4	69.1	30.8	9.8	4.5	2.8	1.5	1.2			
10		1.6	2.9	5.4	17.8	65.6	125.3	156.9	156.9	125.3	65.6	17.8	5.4	2.9	1.6				
0	1.3	1.6	3.0	6.0	25.6	89.8	152.1	165.4	165.4	152.1	89.8	25.6	6.0	3.0	1.6	1.3			
-10		1.6	3.0	6.0	25.6	89.8	152.1	165.4	165.4	152.1	89.8	25.6	6.0	3.0	1.6				
-20	1.2	1.6	2.9	5.4	17.8	65.6	125.3	156.9	156.9	125.3	65.6	17.8	5.4	2.9	1.6	1.2			
-30		1.5	2.8	4.5	9.8	30.8	69.1	96.4	96.4	69.1	30.8	9.8	4.5	2.8	1.5				
-40	0.9	1.3	2.5	3.9	6.0	10.9	20.9	30.9	30.9	20.9	10.9	6.0	3.9	2.5	1.3	0.9			
-50		1.1	2.2	3.4	4.5	5.9	7.4	8.5	8.5	7.4	5.9	4.5	3.4	2.2	1.1				
-60	0.5	0.9	1.7	2.8	3.7	4.5	5.0	5.2	5.2	5.0	4.5	3.7	2.8	1.7	0.9	0.5			
-70		0.6	1.2	1.9	2.7	3.3	3.7	3.9	3.9	3.7	3.3	2.7	1.9	1.2	0.6				
-80																			
-90	0.1	1.1		3.0		4.8		5.3		4.8		3.0		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

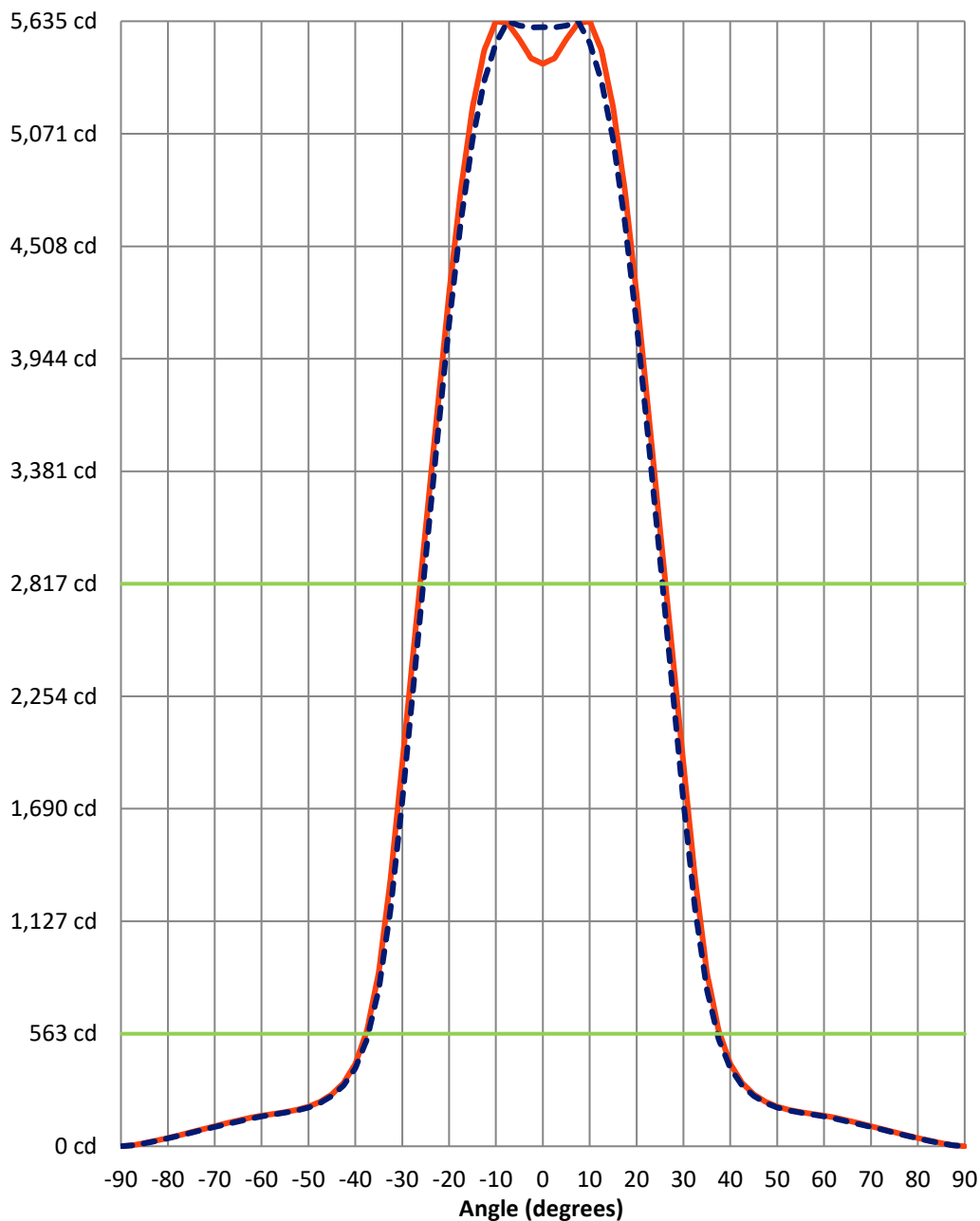
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 3183.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 4139.1
 Efficiency: 86.3%

Spill:
 Lumens: 656.8
 Efficiency: 13.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.8	2.2	2.5
85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	3.1	3.7	4.3	5.0
82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.6	5.6	7.1	8.5
80°	0.0	0.9	1.7	2.5	3.4	4.2	5.2	7.2	9.1	11.0	12.7
77.5°	0.0	1.1	2.1	3.2	4.2	5.7	8.0	10.4	12.6	14.8	17.1
75°	0.0	1.3	2.5	3.8	5.2	8.0	10.7	13.5	16.2	19.3	22.4
72.5°	0.0	1.5	2.9	4.4	7.1	10.3	13.5	16.8	20.4	24.0	27.6
70°	0.0	1.7	3.3	5.2	8.8	12.5	16.2	20.4	24.6	28.7	33.0
67.5°	0.0	1.9	3.7	6.5	10.6	14.7	19.3	24.0	28.7	33.5	38.5
65°	0.0	2.1	4.1	7.8	12.3	17.0	22.3	27.6	32.9	38.3	44.0
62.5°	0.0	2.3	4.5	9.1	14.1	19.5	25.2	31.1	36.9	43.0	49.9
60°	0.0	2.4	4.9	10.3	15.7	21.8	28.1	34.5	40.8	48.2	55.7
57.5°	0.0	2.6	5.7	11.5	17.5	24.1	30.9	37.8	45.1	53.2	61.2
55°	0.0	2.8	6.5	12.7	19.3	26.3	33.8	41.0	49.4	58.0	66.4
52.5°	0.0	3.0	7.2	13.9	21.0	28.5	36.5	44.6	53.5	62.6	71.5
50°	0.0	3.1	7.9	15.0	22.6	30.7	39.2	48.1	57.5	67.0	76.4
47.5°	0.0	3.3	8.6	16.1	24.2	32.9	41.8	51.5	61.3	71.3	81.2
45°	0.0	3.5	9.3	17.2	25.7	35.0	44.5	54.7	65.0	75.4	85.8
42.5°	0.0	3.6	9.9	18.3	27.1	37.0	47.1	57.7	68.4	79.3	90.1
40°	0.0	3.8	10.5	19.3	28.5	38.9	49.6	60.6	71.8	83.1	94.3
37.5°	0.0	3.9	11.1	20.2	30.0	40.8	51.9	63.3	75.0	86.7	98.3
35°	0.0	4.0	11.6	21.0	31.4	42.6	54.1	65.8	78.0	90.1	102.0
32.5°	0.0	4.1	12.1	21.8	32.7	44.3	56.1	68.2	80.9	93.3	105.3
30°	0.0	4.2	12.5	22.6	33.9	45.9	58.0	70.4	83.7	96.2	108.3
27.5°	0.0	4.3	12.9	23.3	35.0	47.3	59.7	72.6	86.2	98.9	111.2
25°	0.0	4.4	13.3	23.9	36.0	48.7	61.3	74.6	88.3	101.2	113.7
22.5°	0.0	4.5	13.6	24.5	36.9	49.8	62.7	76.4	90.3	103.3	116.1
20°	0.0	4.6	13.9	25.0	37.7	50.8	63.9	78.1	92.0	105.2	118.2
17.5°	0.0	4.7	14.2	25.4	38.4	51.7	65.1	79.6	93.5	106.8	120.0
15°	0.0	4.7	14.4	25.8	39.0	52.5	66.1	80.9	94.8	108.2	121.6
12.5°	0.0	4.8	14.5	26.1	39.5	53.1	66.9	82.1	95.9	109.3	122.9
10°	0.0	4.8	14.7	26.3	39.9	53.6	67.7	83.1	96.9	110.4	124.0
7.5°	0.0	4.9	14.8	26.5	40.2	53.9	68.2	83.8	97.6	111.3	124.9
5°	0.0	4.9	14.8	26.6	40.4	54.2	68.7	84.4	98.2	111.9	125.6
2.5°	0.0	4.9	14.8	26.6	40.4	54.2	68.9	84.7	98.5	112.3	126.1
0°	0.0	4.9	14.8	26.6	40.4	54.2	69.0	84.8	98.6	112.4	126.2
-2.5°	0.0	4.9	14.8	26.6	40.4	54.2	68.9	84.7	98.5	112.3	126.1
-5°	0.0	4.9	14.8	26.6	40.4	54.2	68.7	84.4	98.2	111.9	125.6
-7.5°	0.0	4.9	14.8	26.5	40.2	53.9	68.2	83.8	97.6	111.3	124.9
-10°	0.0	4.8	14.7	26.3	39.9	53.6	67.7	83.1	96.9	110.4	124.0
-12.5°	0.0	4.8	14.5	26.1	39.5	53.1	66.9	82.1	95.9	109.3	122.9
-15°	0.0	4.7	14.4	25.8	39.0	52.5	66.1	80.9	94.8	108.2	121.6
-17.5°	0.0	4.7	14.2	25.4	38.4	51.7	65.1	79.6	93.5	106.8	120.0
-20°	0.0	4.6	13.9	25.0	37.7	50.8	63.9	78.1	92.0	105.2	118.2

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CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.5	13.6	24.5	36.9	49.8	62.7	76.4	90.3	103.3	116.1
-25°	0.0	4.4	13.3	23.9	36.0	48.7	61.3	74.6	88.3	101.2	113.7
-27.5°	0.0	4.3	12.9	23.3	35.0	47.3	59.7	72.6	86.2	98.9	111.2
-30°	0.0	4.2	12.5	22.6	33.9	45.9	58.0	70.4	83.7	96.2	108.3
-32.5°	0.0	4.1	12.1	21.8	32.7	44.3	56.1	68.2	80.9	93.3	105.3
-35°	0.0	4.0	11.6	21.0	31.4	42.6	54.1	65.8	78.0	90.1	102.0
-37.5°	0.0	3.9	11.1	20.2	30.0	40.8	51.9	63.3	75.0	86.7	98.3
-40°	0.0	3.8	10.5	19.3	28.5	38.9	49.6	60.6	71.8	83.1	94.3
-42.5°	0.0	3.6	9.9	18.3	27.1	37.0	47.1	57.7	68.4	79.3	90.1
-45°	0.0	3.5	9.3	17.2	25.7	35.0	44.5	54.7	65.0	75.4	85.8
-47.5°	0.0	3.3	8.6	16.1	24.2	32.9	41.8	51.5	61.3	71.3	81.2
-50°	0.0	3.1	7.9	15.0	22.6	30.7	39.2	48.1	57.5	67.0	76.4
-52.5°	0.0	3.0	7.2	13.9	21.0	28.5	36.5	44.6	53.5	62.6	71.5
-55°	0.0	2.8	6.5	12.7	19.3	26.3	33.8	41.0	49.4	58.0	66.4
-57.5°	0.0	2.6	5.7	11.5	17.5	24.1	30.9	37.8	45.1	53.2	61.2
-60°	0.0	2.4	4.9	10.3	15.7	21.8	28.1	34.5	40.8	48.2	55.7
-62.5°	0.0	2.3	4.5	9.1	14.1	19.5	25.2	31.1	36.9	43.0	49.9
-65°	0.0	2.1	4.1	7.8	12.3	17.0	22.3	27.6	32.9	38.3	44.0
-67.5°	0.0	1.9	3.7	6.5	10.6	14.7	19.3	24.0	28.7	33.5	38.5
-70°	0.0	1.7	3.3	5.2	8.8	12.5	16.2	20.4	24.6	28.7	33.0
-72.5°	0.0	1.5	2.9	4.4	7.1	10.3	13.5	16.8	20.4	24.0	27.6
-75°	0.0	1.3	2.5	3.8	5.2	8.0	10.7	13.5	16.2	19.3	22.4
-77.5°	0.0	1.1	2.1	3.2	4.2	5.7	8.0	10.4	12.6	14.8	17.1
-80°	0.0	0.9	1.7	2.5	3.4	4.2	5.2	7.2	9.1	11.0	12.7
-82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.6	5.6	7.1	8.5
-85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	3.1	3.7	4.3	5.0
-87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.8	2.2	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
85°	5.4	5.9	6.7	7.5	8.3	9.0	9.7	10.4	11.1	11.7	12.3
82.5°	9.8	11.1	12.4	13.7	14.9	16.0	17.1	18.2	19.3	20.4	21.5
80°	14.4	16.2	18.2	20.2	21.8	23.4	25.0	26.5	28.1	29.9	31.6
77.5°	19.7	22.2	24.6	26.9	29.0	31.3	33.6	35.8	38.1	40.3	42.5
75°	25.4	28.3	31.3	34.3	37.2	40.1	42.8	45.6	48.5	51.3	54.0
72.5°	31.3	34.9	38.5	42.0	45.6	49.2	52.6	55.9	59.3	62.7	66.0
70°	37.4	41.6	46.0	50.3	54.3	58.5	62.6	66.7	70.6	74.6	78.5
67.5°	43.5	48.8	53.8	58.5	63.3	68.2	72.9	77.7	82.3	86.9	91.4
65°	50.3	56.1	61.5	67.0	72.4	78.1	83.6	88.9	94.3	99.6	104.3
62.5°	57.0	63.1	69.1	75.3	81.8	88.1	94.2	100.4	106.6	112.1	116.8
60°	63.1	69.9	76.6	83.7	90.8	97.7	104.5	111.2	117.9	124.2	128.1
57.5°	69.0	76.5	84.0	91.5	99.1	106.8	113.9	121.3	127.5	132.8	137.3
55°	74.7	82.9	90.9	98.8	107.0	115.0	122.8	129.7	135.8	140.3	144.6
52.5°	80.3	88.9	97.2	105.8	114.4	122.9	131.1	137.5	142.6	147.1	151.1
50°	85.8	94.5	103.2	112.5	121.7	130.7	138.3	144.0	149.1	153.5	157.7
47.5°	90.8	100.0	109.3	119.1	128.7	137.4	144.5	150.4	155.5	160.3	165.3
45°	95.7	105.4	115.2	125.4	135.2	143.7	150.4	156.7	161.6	167.0	172.7
42.5°	100.5	110.6	121.0	131.4	141.4	149.2	155.9	161.8	167.5	173.9	180.8
40°	105.0	115.6	126.3	137.2	147.2	154.1	160.7	166.9	173.9	181.4	189.4
37.5°	109.2	120.2	131.4	142.7	151.4	158.6	165.4	172.3	180.3	189.0	200.0
35°	113.2	124.6	136.1	146.9	155.2	162.8	169.8	177.5	187.0	198.4	212.4
32.5°	116.9	128.5	140.4	150.4	158.7	166.7	173.9	183.5	194.8	208.3	228.2
30°	120.2	132.2	144.1	153.7	161.9	169.9	178.6	189.4	202.7	222.5	247.9
27.5°	123.4	135.5	147.0	156.5	164.7	172.9	183.2	196.3	213.7	237.4	269.0
25°	126.2	138.7	149.8	158.9	167.4	176.5	187.6	202.3	225.3	255.8	298.5
22.5°	128.8	141.6	152.4	160.9	169.8	179.7	192.6	211.1	237.6	273.3	328.2
20°	131.2	143.7	154.4	162.8	172.1	182.3	197.2	219.4	251.4	297.6	367.7
17.5°	133.2	145.6	155.9	164.7	174.3	185.3	201.6	226.6	263.7	318.8	407.6
15°	135.0	147.2	157.2	166.3	176.3	188.8	207.7	236.1	277.9	340.8	442.4
12.5°	136.4	148.6	158.2	167.6	177.8	191.7	212.9	245.0	292.7	367.9	493.7
10°	137.5	149.7	159.0	168.6	179.1	194.0	217.2	252.3	304.9	391.4	537.4
7.5°	138.6	150.4	159.6	169.3	180.0	195.7	220.4	257.9	314.3	409.8	572.0
5°	139.4	150.9	159.9	169.7	180.8	196.8	222.6	261.8	320.7	423.0	596.4
2.5°	139.8	151.0	160.0	169.8	181.3	197.3	223.8	263.9	325.8	429.2	609.5
0°	140.0	150.9	159.8	169.6	181.5	197.2	223.9	264.3	328.4	429.0	611.4
-2.5°	139.8	151.0	160.0	169.8	181.3	197.3	223.8	263.9	325.8	429.2	609.5
-5°	139.4	150.9	159.9	169.7	180.8	196.8	222.6	261.8	320.7	423.0	596.4
-7.5°	138.6	150.4	159.6	169.3	180.0	195.7	220.4	257.9	314.3	409.8	572.0
-10°	137.5	149.7	159.0	168.6	179.1	194.0	217.2	252.3	304.9	391.4	537.4
-12.5°	136.4	148.6	158.2	167.6	177.8	191.7	212.9	245.0	292.7	367.9	493.7
-15°	135.0	147.2	157.2	166.3	176.3	188.8	207.7	236.1	277.9	340.8	442.4
-17.5°	133.2	145.6	155.9	164.7	174.3	185.3	201.6	226.6	263.7	318.8	407.6
-20°	131.2	143.7	154.4	162.8	172.1	182.3	197.2	219.4	251.4	297.6	367.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	128.8	141.6	152.4	160.9	169.8	179.7	192.6	211.1	237.6	273.3	328.2
-25°	126.2	138.7	149.8	158.9	167.4	176.5	187.6	202.3	225.3	255.8	298.5
-27.5°	123.4	135.5	147.0	156.5	164.7	172.9	183.2	196.3	213.7	237.4	269.0
-30°	120.2	132.2	144.1	153.7	161.9	169.9	178.6	189.4	202.7	222.5	247.9
-32.5°	116.9	128.5	140.4	150.4	158.7	166.7	173.9	183.5	194.8	208.3	228.2
-35°	113.2	124.6	136.1	146.9	155.2	162.8	169.8	177.5	187.0	198.4	212.4
-37.5°	109.2	120.2	131.4	142.7	151.4	158.6	165.4	172.3	180.3	189.0	200.0
-40°	105.0	115.6	126.3	137.2	147.2	154.1	160.7	166.9	173.9	181.4	189.4
-42.5°	100.5	110.6	121.0	131.4	141.4	149.2	155.9	161.8	167.5	173.9	180.8
-45°	95.7	105.4	115.2	125.4	135.2	143.7	150.4	156.7	161.6	167.0	172.7
-47.5°	90.8	100.0	109.3	119.1	128.7	137.4	144.5	150.4	155.5	160.3	165.3
-50°	85.8	94.5	103.2	112.5	121.7	130.7	138.3	144.0	149.1	153.5	157.7
-52.5°	80.3	88.9	97.2	105.8	114.4	122.9	131.1	137.5	142.6	147.1	151.1
-55°	74.7	82.9	90.9	98.8	107.0	115.0	122.8	129.7	135.8	140.3	144.6
-57.5°	69.0	76.5	84.0	91.5	99.1	106.8	113.9	121.3	127.5	132.8	137.3
-60°	63.1	69.9	76.6	83.7	90.8	97.7	104.5	111.2	117.9	124.2	128.1
-62.5°	57.0	63.1	69.1	75.3	81.8	88.1	94.2	100.4	106.6	112.1	116.8
-65°	50.3	56.1	61.5	67.0	72.4	78.1	83.6	88.9	94.3	99.6	104.3
-67.5°	43.5	48.8	53.8	58.5	63.3	68.2	72.9	77.7	82.3	86.9	91.4
-70°	37.4	41.6	46.0	50.3	54.3	58.5	62.6	66.7	70.6	74.6	78.5
-72.5°	31.3	34.9	38.5	42.0	45.6	49.2	52.6	55.9	59.3	62.7	66.0
-75°	25.4	28.3	31.3	34.3	37.2	40.1	42.8	45.6	48.5	51.3	54.0
-77.5°	19.7	22.2	24.6	26.9	29.0	31.3	33.6	35.8	38.1	40.3	42.5
-80°	14.4	16.2	18.2	20.2	21.8	23.4	25.0	26.5	28.1	29.9	31.6
-82.5°	9.8	11.1	12.4	13.7	14.9	16.0	17.1	18.2	19.3	20.4	21.5
-85°	5.4	5.9	6.7	7.5	8.3	9.0	9.7	10.4	11.1	11.7	12.3
-87.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.8	4.7	4.6	4.4	4.8	5.1	5.4	5.7	5.5	5.3
85°	12.9	13.1	13.4	13.6	13.8	14.4	15.0	15.5	16.0	16.0	16.0
82.5°	22.6	23.3	24.0	24.5	25.0	25.7	26.4	26.9	27.4	27.7	28.0
80°	33.3	34.5	35.5	36.4	37.2	38.2	39.0	39.8	40.5	40.9	41.1
77.5°	44.6	46.3	47.9	49.3	50.7	52.1	53.4	54.5	55.5	55.7	55.6
75°	56.6	58.9	61.1	63.1	64.9	66.5	67.9	69.0	69.9	70.4	70.6
72.5°	69.2	72.0	74.6	76.9	78.9	80.5	82.0	83.2	84.2	84.9	85.3
70°	82.3	85.7	88.3	90.5	92.2	93.8	95.7	97.4	99.0	99.9	100.3
67.5°	95.5	99.0	101.4	103.4	105.0	106.6	108.9	110.9	112.8	114.1	114.9
65°	108.4	112.1	114.5	116.4	117.8	119.4	122.0	124.1	125.7	126.9	128.1
62.5°	121.2	124.9	127.6	129.8	131.9	133.6	135.7	137.5	138.9	140.1	141.5
60°	132.2	136.6	139.4	141.7	144.2	147.0	148.6	149.9	151.0	152.0	152.9
57.5°	141.2	145.2	148.8	151.5	154.2	156.8	158.6	159.8	160.8	161.6	161.8
55°	148.8	152.8	156.9	159.9	162.5	164.9	166.9	168.5	169.8	170.9	171.1
52.5°	155.5	160.1	164.1	167.5	171.0	173.8	176.0	178.2	180.1	181.6	182.3
50°	162.9	167.7	172.7	177.2	180.9	184.2	186.9	189.9	193.2	195.8	197.5
47.5°	170.7	176.1	182.1	187.8	192.2	197.0	201.4	206.0	212.0	217.0	220.7
45°	178.7	185.8	192.6	199.8	205.9	214.9	223.3	230.5	240.1	248.9	255.8
42.5°	188.3	197.1	205.5	217.0	229.0	241.4	254.7	266.2	281.2	296.4	308.8
40°	199.7	210.9	225.6	241.1	260.1	277.1	300.2	320.7	343.7	372.9	396.9
37.5°	213.3	230.6	251.1	272.6	302.2	330.5	368.7	408.9	445.4	501.4	548.5
35°	231.0	255.2	282.2	320.3	362.2	415.3	474.8	552.5	619.0	713.5	803.8
32.5°	253.9	284.9	329.0	387.8	449.8	546.2	640.6	775.4	900.3	1050.0	1211.6
30°	279.3	326.5	393.9	474.6	590.3	732.0	898.4	1105.5	1332.2	1542.6	1749.9
27.5°	316.1	383.8	472.4	602.5	782.8	981.0	1272.7	1553.8	1847.1	2107.8	2325.2
25°	359.1	448.6	585.6	777.2	1020.9	1360.4	1709.6	2056.5	2371.9	2644.9	2885.1
22.5°	414.6	543.3	726.0	974.2	1353.7	1760.5	2170.0	2552.7	2889.2	3193.1	3453.2
20°	475.0	636.1	896.9	1266.9	1701.0	2164.5	2626.9	3034.5	3405.0	3749.6	4042.7
17.5°	551.5	777.1	1107.4	1551.3	2053.1	2561.0	3046.7	3489.0	3909.4	4274.1	4580.3
15°	616.7	901.3	1332.4	1853.1	2395.8	2931.5	3444.3	3924.8	4361.8	4736.0	5023.9
12.5°	703.7	1040.5	1532.1	2112.4	2700.6	3264.3	3804.4	4301.0	4745.8	5115.8	5339.9
10°	786.0	1184.7	1725.2	2330.3	2941.4	3542.0	4118.7	4628.1	5041.0	5335.3	5526.4
7.5°	855.9	1308.5	1882.2	2506.5	3132.8	3760.7	4344.5	4840.1	5220.8	5466.6	5599.5
5°	908.1	1401.1	1998.8	2649.6	3292.3	3931.3	4510.5	4975.7	5304.7	5487.4	5554.1
2.5°	941.3	1455.5	2066.5	2743.5	3399.1	4039.2	4624.3	5082.3	5361.4	5482.5	5493.9
0°	954.6	1462.5	2076.9	2792.8	3425.9	4069.9	4656.7	5126.1	5382.5	5482.1	5480.1
-2.5°	941.3	1455.5	2066.5	2743.5	3399.1	4039.2	4624.3	5082.3	5361.4	5482.5	5493.9
-5°	908.1	1401.1	1998.8	2649.6	3292.3	3931.3	4510.5	4975.7	5304.7	5487.4	5554.1
-7.5°	855.9	1308.5	1882.2	2506.5	3132.8	3760.7	4344.5	4840.1	5220.8	5466.6	5599.5
-10°	786.0	1184.7	1725.2	2330.3	2941.4	3542.0	4118.7	4628.1	5041.0	5335.3	5526.4
-12.5°	703.7	1040.5	1532.1	2112.4	2700.6	3264.3	3804.4	4301.0	4745.8	5115.8	5339.9
-15°	616.7	901.3	1332.4	1853.1	2395.8	2931.5	3444.3	3924.8	4361.8	4736.0	5023.9
-17.5°	551.5	777.1	1107.4	1551.3	2053.1	2561.0	3046.7	3489.0	3909.4	4274.1	4580.3
-20°	475.0	636.1	896.9	1266.9	1701.0	2164.5	2626.9	3034.5	3405.0	3749.6	4042.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	414.6	543.3	726.0	974.2	1353.7	1760.5	2170.0	2552.7	2889.2	3193.1	3453.2
-25°	359.1	448.6	585.6	777.2	1020.9	1360.4	1709.6	2056.5	2371.9	2644.9	2885.1
-27.5°	316.1	383.8	472.4	602.5	782.8	981.0	1272.7	1553.8	1847.1	2107.8	2325.2
-30°	279.3	326.5	393.9	474.6	590.3	732.0	898.4	1105.5	1332.2	1542.6	1749.9
-32.5°	253.9	284.9	329.0	387.8	449.8	546.2	640.6	775.4	900.3	1050.0	1211.6
-35°	231.0	255.2	282.2	320.3	362.2	415.3	474.8	552.5	619.0	713.5	803.8
-37.5°	213.3	230.6	251.1	272.6	302.2	330.5	368.7	408.9	445.4	501.4	548.5
-40°	199.7	210.9	225.6	241.1	260.1	277.1	300.2	320.7	343.7	372.9	396.9
-42.5°	188.3	197.1	205.5	217.0	229.0	241.4	254.7	266.2	281.2	296.4	308.8
-45°	178.7	185.8	192.6	199.8	205.9	214.9	223.3	230.5	240.1	248.9	255.8
-47.5°	170.7	176.1	182.1	187.8	192.2	197.0	201.4	206.0	212.0	217.0	220.7
-50°	162.9	167.7	172.7	177.2	180.9	184.2	186.9	189.9	193.2	195.8	197.5
-52.5°	155.5	160.1	164.1	167.5	171.0	173.8	176.0	178.2	180.1	181.6	182.3
-55°	148.8	152.8	156.9	159.9	162.5	164.9	166.9	168.5	169.8	170.9	171.1
-57.5°	141.2	145.2	148.8	151.5	154.2	156.8	158.6	159.8	160.8	161.6	161.8
-60°	132.2	136.6	139.4	141.7	144.2	147.0	148.6	149.9	151.0	152.0	152.9
-62.5°	121.2	124.9	127.6	129.8	131.9	133.6	135.7	137.5	138.9	140.1	141.5
-65°	108.4	112.1	114.5	116.4	117.8	119.4	122.0	124.1	125.7	126.9	128.1
-67.5°	95.5	99.0	101.4	103.4	105.0	106.6	108.9	110.9	112.8	114.1	114.9
-70°	82.3	85.7	88.3	90.5	92.2	93.8	95.7	97.4	99.0	99.9	100.3
-72.5°	69.2	72.0	74.6	76.9	78.9	80.5	82.0	83.2	84.2	84.9	85.3
-75°	56.6	58.9	61.1	63.1	64.9	66.5	67.9	69.0	69.9	70.4	70.6
-77.5°	44.6	46.3	47.9	49.3	50.7	52.1	53.4	54.5	55.5	55.7	55.6
-80°	33.3	34.5	35.5	36.4	37.2	38.2	39.0	39.8	40.5	40.9	41.1
-82.5°	22.6	23.3	24.0	24.5	25.0	25.7	26.4	26.9	27.4	27.7	28.0
-85°	12.9	13.1	13.4	13.6	13.8	14.4	15.0	15.5	16.0	16.0	16.0
-87.5°	4.8	4.8	4.7	4.6	4.4	4.8	5.1	5.4	5.7	5.5	5.3
-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: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.9	4.9	4.9	4.9	4.9	5.1	5.3	5.5	5.7	5.4
85°	15.9	15.7	15.3	14.8	15.3	15.7	15.9	16.0	16.0	16.0	15.5
82.5°	28.3	28.5	28.1	27.6	28.1	28.5	28.3	28.0	27.7	27.4	26.9
80°	41.2	41.2	40.9	40.4	40.9	41.2	41.2	41.1	40.9	40.5	39.8
77.5°	55.4	55.0	55.1	55.2	55.1	55.0	55.4	55.6	55.7	55.5	54.5
75°	70.7	70.7	70.4	70.0	70.4	70.7	70.7	70.6	70.4	69.9	69.0
72.5°	85.5	85.4	85.2	84.8	85.2	85.4	85.5	85.3	84.9	84.2	83.2
70°	100.4	100.2	100.5	100.6	100.5	100.2	100.4	100.3	99.9	99.0	97.4
67.5°	115.5	115.9	115.8	115.4	115.8	115.9	115.5	114.9	114.1	112.8	110.9
65°	129.0	129.6	130.1	130.2	130.1	129.6	129.0	128.1	126.9	125.7	124.1
62.5°	142.6	143.4	143.4	143.0	143.4	143.4	142.6	141.5	140.1	138.9	137.5
60°	153.3	153.5	153.3	152.9	153.3	153.5	153.3	152.9	152.0	151.0	149.9
57.5°	161.8	161.5	161.2	160.7	161.2	161.5	161.8	161.8	161.6	160.8	159.8
55°	171.0	170.5	170.1	169.6	170.1	170.5	171.0	171.1	170.9	169.8	168.5
52.5°	182.4	182.1	181.9	181.5	181.9	182.1	182.4	182.3	181.6	180.1	178.2
50°	198.3	198.6	198.5	198.2	198.5	198.6	198.3	197.5	195.8	193.2	189.9
47.5°	223.1	224.4	225.3	225.8	225.3	224.4	223.1	220.7	217.0	212.0	206.0
45°	260.2	262.9	264.7	266.3	264.7	262.9	260.2	255.8	248.9	240.1	230.5
42.5°	317.4	323.4	326.1	325.4	326.1	323.4	317.4	308.8	296.4	281.2	266.2
40°	413.0	422.5	427.8	431.9	427.8	422.5	413.0	396.9	372.9	343.7	320.7
37.5°	580.7	599.2	608.9	617.3	608.9	599.2	580.7	548.5	501.4	445.4	408.9
35°	871.2	912.8	935.0	942.8	935.0	912.8	871.2	803.8	713.5	619.0	552.5
32.5°	1337.3	1414.0	1456.3	1489.1	1456.3	1414.0	1337.3	1211.6	1050.0	900.3	775.4
30°	1914.1	2015.1	2071.2	2098.6	2071.2	2015.1	1914.1	1749.9	1542.6	1332.2	1105.5
27.5°	2505.4	2620.2	2680.7	2677.4	2680.7	2620.2	2505.4	2325.2	2107.8	1847.1	1553.8
25°	3091.1	3224.0	3284.3	3338.2	3284.3	3224.0	3091.1	2885.1	2644.9	2371.9	2056.5
22.5°	3683.4	3838.8	3923.6	3963.4	3923.6	3838.8	3683.4	3453.2	3193.1	2889.2	2552.7
20°	4268.6	4441.6	4531.7	4570.9	4531.7	4441.6	4268.6	4042.7	3749.6	3405.0	3034.5
17.5°	4787.6	4956.5	5042.4	5078.8	5042.4	4956.5	4787.6	4580.3	4274.1	3909.4	3489.0
15°	5202.1	5326.7	5399.7	5419.0	5399.7	5326.7	5202.1	5023.9	4736.0	4361.8	3924.8
12.5°	5488.5	5536.8	5571.9	5582.7	5571.9	5536.8	5488.5	5339.9	5115.8	4745.8	4301.0
10°	5635.0	5613.2	5604.3	5605.4	5604.3	5613.2	5635.0	5526.4	5335.3	5041.0	4628.1
7.5°	5624.9	5592.7	5527.9	5517.6	5527.9	5592.7	5624.9	5599.5	5466.6	5220.8	4840.1
5°	5544.1	5485.4	5377.9	5347.0	5377.9	5485.4	5544.1	5554.1	5487.4	5304.7	4975.7
2.5°	5449.9	5344.1	5245.1	5181.3	5245.1	5344.1	5449.9	5493.9	5482.5	5361.4	5082.3
0°	5422.0	5299.7	5171.5	5130.0	5171.5	5299.7	5422.0	5480.1	5482.1	5382.5	5126.1
-2.5°	5449.9	5344.1	5245.1	5181.3	5245.1	5344.1	5449.9	5493.9	5482.5	5361.4	5082.3
-5°	5544.1	5485.4	5377.9	5347.0	5377.9	5485.4	5544.1	5554.1	5487.4	5304.7	4975.7
-7.5°	5624.9	5592.7	5527.9	5517.6	5527.9	5592.7	5624.9	5599.5	5466.6	5220.8	4840.1
-10°	5635.0	5613.2	5604.3	5605.4	5604.3	5613.2	5635.0	5526.4	5335.3	5041.0	4628.1
-12.5°	5488.5	5536.8	5571.9	5582.7	5571.9	5536.8	5488.5	5339.9	5115.8	4745.8	4301.0
-15°	5202.1	5326.7	5399.7	5419.0	5399.7	5326.7	5202.1	5023.9	4736.0	4361.8	3924.8
-17.5°	4787.6	4956.5	5042.4	5078.8	5042.4	4956.5	4787.6	4580.3	4274.1	3909.4	3489.0
-20°	4268.6	4441.6	4531.7	4570.9	4531.7	4441.6	4268.6	4042.7	3749.6	3405.0	3034.5



REPORT NUMBER: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3683.4	3838.8	3923.6	3963.4	3923.6	3838.8	3683.4	3453.2	3193.1	2889.2	2552.7
-25°	3091.1	3224.0	3284.3	3338.2	3284.3	3224.0	3091.1	2885.1	2644.9	2371.9	2056.5
-27.5°	2505.4	2620.2	2680.7	2677.4	2680.7	2620.2	2505.4	2325.2	2107.8	1847.1	1553.8
-30°	1914.1	2015.1	2071.2	2098.6	2071.2	2015.1	1914.1	1749.9	1542.6	1332.2	1105.5
-32.5°	1337.3	1414.0	1456.3	1489.1	1456.3	1414.0	1337.3	1211.6	1050.0	900.3	775.4
-35°	871.2	912.8	935.0	942.8	935.0	912.8	871.2	803.8	713.5	619.0	552.5
-37.5°	580.7	599.2	608.9	617.3	608.9	599.2	580.7	548.5	501.4	445.4	408.9
-40°	413.0	422.5	427.8	431.9	427.8	422.5	413.0	396.9	372.9	343.7	320.7
-42.5°	317.4	323.4	326.1	325.4	326.1	323.4	317.4	308.8	296.4	281.2	266.2
-45°	260.2	262.9	264.7	266.3	264.7	262.9	260.2	255.8	248.9	240.1	230.5
-47.5°	223.1	224.4	225.3	225.8	225.3	224.4	223.1	220.7	217.0	212.0	206.0
-50°	198.3	198.6	198.5	198.2	198.5	198.6	198.3	197.5	195.8	193.2	189.9
-52.5°	182.4	182.1	181.9	181.5	181.9	182.1	182.4	182.3	181.6	180.1	178.2
-55°	171.0	170.5	170.1	169.6	170.1	170.5	171.0	171.1	170.9	169.8	168.5
-57.5°	161.8	161.5	161.2	160.7	161.2	161.5	161.8	161.8	161.6	160.8	159.8
-60°	153.3	153.5	153.3	152.9	153.3	153.5	153.3	152.9	152.0	151.0	149.9
-62.5°	142.6	143.4	143.4	143.0	143.4	143.4	142.6	141.5	140.1	138.9	137.5
-65°	129.0	129.6	130.1	130.2	130.1	129.6	129.0	128.1	126.9	125.7	124.1
-67.5°	115.5	115.9	115.8	115.4	115.8	115.9	115.5	114.9	114.1	112.8	110.9
-70°	100.4	100.2	100.5	100.6	100.5	100.2	100.4	100.3	99.9	99.0	97.4
-72.5°	85.5	85.4	85.2	84.8	85.2	85.4	85.5	85.3	84.9	84.2	83.2
-75°	70.7	70.7	70.4	70.0	70.4	70.7	70.7	70.6	70.4	69.9	69.0
-77.5°	55.4	55.0	55.1	55.2	55.1	55.0	55.4	55.6	55.7	55.5	54.5
-80°	41.2	41.2	40.9	40.4	40.9	41.2	41.2	41.1	40.9	40.5	39.8
-82.5°	28.3	28.5	28.1	27.6	28.1	28.5	28.3	28.0	27.7	27.4	26.9
-85°	15.9	15.7	15.3	14.8	15.3	15.7	15.9	16.0	16.0	16.0	15.5
-87.5°	5.1	4.9	4.9	4.9	4.9	4.9	5.1	5.3	5.5	5.7	5.4
-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: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.8	4.4	4.6	4.7	4.8	4.8	4.7	4.5	4.3	4.2
85°	15.0	14.4	13.8	13.6	13.4	13.1	12.9	12.3	11.7	11.1	10.4
82.5°	26.4	25.7	25.0	24.5	24.0	23.3	22.6	21.5	20.4	19.3	18.2
80°	39.0	38.2	37.2	36.4	35.5	34.5	33.3	31.6	29.9	28.1	26.5
77.5°	53.4	52.1	50.7	49.3	47.9	46.3	44.6	42.5	40.3	38.1	35.8
75°	67.9	66.5	64.9	63.1	61.1	58.9	56.6	54.0	51.3	48.5	45.6
72.5°	82.0	80.5	78.9	76.9	74.6	72.0	69.2	66.0	62.7	59.3	55.9
70°	95.7	93.8	92.2	90.5	88.3	85.7	82.3	78.5	74.6	70.6	66.7
67.5°	108.9	106.6	105.0	103.4	101.4	99.0	95.5	91.4	86.9	82.3	77.7
65°	122.0	119.4	117.8	116.4	114.5	112.1	108.4	104.3	99.6	94.3	88.9
62.5°	135.7	133.6	131.9	129.8	127.6	124.9	121.2	116.8	112.1	106.6	100.4
60°	148.6	147.0	144.2	141.7	139.4	136.6	132.2	128.1	124.2	117.9	111.2
57.5°	158.6	156.8	154.2	151.5	148.8	145.2	141.2	137.3	132.8	127.5	121.3
55°	166.9	164.9	162.5	159.9	156.9	152.8	148.8	144.6	140.3	135.8	129.7
52.5°	176.0	173.8	171.0	167.5	164.1	160.1	155.5	151.1	147.1	142.6	137.5
50°	186.9	184.2	180.9	177.2	172.7	167.7	162.9	157.7	153.5	149.1	144.0
47.5°	201.4	197.0	192.2	187.8	182.1	176.1	170.7	165.3	160.3	155.5	150.4
45°	223.3	214.9	205.9	199.8	192.6	185.8	178.7	172.7	167.0	161.6	156.7
42.5°	254.7	241.4	229.0	217.0	205.5	197.1	188.3	180.8	173.9	167.5	161.8
40°	300.2	277.1	260.1	241.1	225.6	210.9	199.7	189.4	181.4	173.9	166.9
37.5°	368.7	330.5	302.2	272.6	251.1	230.6	213.3	200.0	189.0	180.3	172.3
35°	474.8	415.3	362.2	320.3	282.2	255.2	231.0	212.4	198.4	187.0	177.5
32.5°	640.6	546.2	449.8	387.8	329.0	284.9	253.9	228.2	208.3	194.8	183.5
30°	898.4	732.0	590.3	474.6	393.9	326.5	279.3	247.9	222.5	202.7	189.4
27.5°	1272.7	981.0	782.8	602.5	472.4	383.8	316.1	269.0	237.4	213.7	196.3
25°	1709.6	1360.4	1020.9	777.2	585.6	448.6	359.1	298.5	255.8	225.3	202.3
22.5°	2170.0	1760.5	1353.7	974.2	726.0	543.3	414.6	328.2	273.3	237.6	211.1
20°	2626.9	2164.5	1701.0	1266.9	896.9	636.1	475.0	367.7	297.6	251.4	219.4
17.5°	3046.7	2561.0	2053.1	1551.3	1107.4	777.1	551.5	407.6	318.8	263.7	226.6
15°	3444.3	2931.5	2395.8	1853.1	1332.4	901.3	616.7	442.4	340.8	277.9	236.1
12.5°	3804.4	3264.3	2700.6	2112.4	1532.1	1040.5	703.7	493.7	367.9	292.7	245.0
10°	4118.7	3542.0	2941.4	2330.3	1725.2	1184.7	786.0	537.4	391.4	304.9	252.3
7.5°	4344.5	3760.7	3132.8	2506.5	1882.2	1308.5	855.9	572.0	409.8	314.3	257.9
5°	4510.5	3931.3	3292.3	2649.6	1998.8	1401.1	908.1	596.4	423.0	320.7	261.8
2.5°	4624.3	4039.2	3399.1	2743.5	2066.5	1455.5	941.3	609.5	429.2	325.8	263.9
0°	4656.7	4069.9	3425.9	2792.8	2076.9	1462.5	954.6	611.4	429.0	328.4	264.3
-2.5°	4624.3	4039.2	3399.1	2743.5	2066.5	1455.5	941.3	609.5	429.2	325.8	263.9
-5°	4510.5	3931.3	3292.3	2649.6	1998.8	1401.1	908.1	596.4	423.0	320.7	261.8
-7.5°	4344.5	3760.7	3132.8	2506.5	1882.2	1308.5	855.9	572.0	409.8	314.3	257.9
-10°	4118.7	3542.0	2941.4	2330.3	1725.2	1184.7	786.0	537.4	391.4	304.9	252.3
-12.5°	3804.4	3264.3	2700.6	2112.4	1532.1	1040.5	703.7	493.7	367.9	292.7	245.0
-15°	3444.3	2931.5	2395.8	1853.1	1332.4	901.3	616.7	442.4	340.8	277.9	236.1
-17.5°	3046.7	2561.0	2053.1	1551.3	1107.4	777.1	551.5	407.6	318.8	263.7	226.6
-20°	2626.9	2164.5	1701.0	1266.9	896.9	636.1	475.0	367.7	297.6	251.4	219.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2170.0	1760.5	1353.7	974.2	726.0	543.3	414.6	328.2	273.3	237.6	211.1
-25°	1709.6	1360.4	1020.9	777.2	585.6	448.6	359.1	298.5	255.8	225.3	202.3
-27.5°	1272.7	981.0	782.8	602.5	472.4	383.8	316.1	269.0	237.4	213.7	196.3
-30°	898.4	732.0	590.3	474.6	393.9	326.5	279.3	247.9	222.5	202.7	189.4
-32.5°	640.6	546.2	449.8	387.8	329.0	284.9	253.9	228.2	208.3	194.8	183.5
-35°	474.8	415.3	362.2	320.3	282.2	255.2	231.0	212.4	198.4	187.0	177.5
-37.5°	368.7	330.5	302.2	272.6	251.1	230.6	213.3	200.0	189.0	180.3	172.3
-40°	300.2	277.1	260.1	241.1	225.6	210.9	199.7	189.4	181.4	173.9	166.9
-42.5°	254.7	241.4	229.0	217.0	205.5	197.1	188.3	180.8	173.9	167.5	161.8
-45°	223.3	214.9	205.9	199.8	192.6	185.8	178.7	172.7	167.0	161.6	156.7
-47.5°	201.4	197.0	192.2	187.8	182.1	176.1	170.7	165.3	160.3	155.5	150.4
-50°	186.9	184.2	180.9	177.2	172.7	167.7	162.9	157.7	153.5	149.1	144.0
-52.5°	176.0	173.8	171.0	167.5	164.1	160.1	155.5	151.1	147.1	142.6	137.5
-55°	166.9	164.9	162.5	159.9	156.9	152.8	148.8	144.6	140.3	135.8	129.7
-57.5°	158.6	156.8	154.2	151.5	148.8	145.2	141.2	137.3	132.8	127.5	121.3
-60°	148.6	147.0	144.2	141.7	139.4	136.6	132.2	128.1	124.2	117.9	111.2
-62.5°	135.7	133.6	131.9	129.8	127.6	124.9	121.2	116.8	112.1	106.6	100.4
-65°	122.0	119.4	117.8	116.4	114.5	112.1	108.4	104.3	99.6	94.3	88.9
-67.5°	108.9	106.6	105.0	103.4	101.4	99.0	95.5	91.4	86.9	82.3	77.7
-70°	95.7	93.8	92.2	90.5	88.3	85.7	82.3	78.5	74.6	70.6	66.7
-72.5°	82.0	80.5	78.9	76.9	74.6	72.0	69.2	66.0	62.7	59.3	55.9
-75°	67.9	66.5	64.9	63.1	61.1	58.9	56.6	54.0	51.3	48.5	45.6
-77.5°	53.4	52.1	50.7	49.3	47.9	46.3	44.6	42.5	40.3	38.1	35.8
-80°	39.0	38.2	37.2	36.4	35.5	34.5	33.3	31.6	29.9	28.1	26.5
-82.5°	26.4	25.7	25.0	24.5	24.0	23.3	22.6	21.5	20.4	19.3	18.2
-85°	15.0	14.4	13.8	13.6	13.4	13.1	12.9	12.3	11.7	11.1	10.4
-87.5°	5.1	4.8	4.4	4.6	4.7	4.8	4.8	4.7	4.5	4.3	4.2
-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: P626617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	1.8	1.5
85°	9.7	9.0	8.3	7.5	6.7	5.9	5.4	5.0	4.3	3.7	3.1
82.5°	17.1	16.0	14.9	13.7	12.4	11.1	9.8	8.5	7.1	5.6	4.6
80°	25.0	23.4	21.8	20.2	18.2	16.2	14.4	12.7	11.0	9.1	7.2
77.5°	33.6	31.3	29.0	26.9	24.6	22.2	19.7	17.1	14.8	12.6	10.4
75°	42.8	40.1	37.2	34.3	31.3	28.3	25.4	22.4	19.3	16.2	13.5
72.5°	52.6	49.2	45.6	42.0	38.5	34.9	31.3	27.6	24.0	20.4	16.8
70°	62.6	58.5	54.3	50.3	46.0	41.6	37.4	33.0	28.7	24.6	20.4
67.5°	72.9	68.2	63.3	58.5	53.8	48.8	43.5	38.5	33.5	28.7	24.0
65°	83.6	78.1	72.4	67.0	61.5	56.1	50.3	44.0	38.3	32.9	27.6
62.5°	94.2	88.1	81.8	75.3	69.1	63.1	57.0	49.9	43.0	36.9	31.1
60°	104.5	97.7	90.8	83.7	76.6	69.9	63.1	55.7	48.2	40.8	34.5
57.5°	113.9	106.8	99.1	91.5	84.0	76.5	69.0	61.2	53.2	45.1	37.8
55°	122.8	115.0	107.0	98.8	90.9	82.9	74.7	66.4	58.0	49.4	41.0
52.5°	131.1	122.9	114.4	105.8	97.2	88.9	80.3	71.5	62.6	53.5	44.6
50°	138.3	130.7	121.7	112.5	103.2	94.5	85.8	76.4	67.0	57.5	48.1
47.5°	144.5	137.4	128.7	119.1	109.3	100.0	90.8	81.2	71.3	61.3	51.5
45°	150.4	143.7	135.2	125.4	115.2	105.4	95.7	85.8	75.4	65.0	54.7
42.5°	155.9	149.2	141.4	131.4	121.0	110.6	100.5	90.1	79.3	68.4	57.7
40°	160.7	154.1	147.2	137.2	126.3	115.6	105.0	94.3	83.1	71.8	60.6
37.5°	165.4	158.6	151.4	142.7	131.4	120.2	109.2	98.3	86.7	75.0	63.3
35°	169.8	162.8	155.2	146.9	136.1	124.6	113.2	102.0	90.1	78.0	65.8
32.5°	173.9	166.7	158.7	150.4	140.4	128.5	116.9	105.3	93.3	80.9	68.2
30°	178.6	169.9	161.9	153.7	144.1	132.2	120.2	108.3	96.2	83.7	70.4
27.5°	183.2	172.9	164.7	156.5	147.0	135.5	123.4	111.2	98.9	86.2	72.6
25°	187.6	176.5	167.4	158.9	149.8	138.7	126.2	113.7	101.2	88.3	74.6
22.5°	192.6	179.7	169.8	160.9	152.4	141.6	128.8	116.1	103.3	90.3	76.4
20°	197.2	182.3	172.1	162.8	154.4	143.7	131.2	118.2	105.2	92.0	78.1
17.5°	201.6	185.3	174.3	164.7	155.9	145.6	133.2	120.0	106.8	93.5	79.6
15°	207.7	188.8	176.3	166.3	157.2	147.2	135.0	121.6	108.2	94.8	80.9
12.5°	212.9	191.7	177.8	167.6	158.2	148.6	136.4	122.9	109.3	95.9	82.1
10°	217.2	194.0	179.1	168.6	159.0	149.7	137.5	124.0	110.4	96.9	83.1
7.5°	220.4	195.7	180.0	169.3	159.6	150.4	138.6	124.9	111.3	97.6	83.8
5°	222.6	196.8	180.8	169.7	159.9	150.9	139.4	125.6	111.9	98.2	84.4
2.5°	223.8	197.3	181.3	169.8	160.0	151.0	139.8	126.1	112.3	98.5	84.7
0°	223.9	197.2	181.5	169.6	159.8	150.9	140.0	126.2	112.4	98.6	84.8
-2.5°	223.8	197.3	181.3	169.8	160.0	151.0	139.8	126.1	112.3	98.5	84.7
-5°	222.6	196.8	180.8	169.7	159.9	150.9	139.4	125.6	111.9	98.2	84.4
-7.5°	220.4	195.7	180.0	169.3	159.6	150.4	138.6	124.9	111.3	97.6	83.8
-10°	217.2	194.0	179.1	168.6	159.0	149.7	137.5	124.0	110.4	96.9	83.1
-12.5°	212.9	191.7	177.8	167.6	158.2	148.6	136.4	122.9	109.3	95.9	82.1
-15°	207.7	188.8	176.3	166.3	157.2	147.2	135.0	121.6	108.2	94.8	80.9
-17.5°	201.6	185.3	174.3	164.7	155.9	145.6	133.2	120.0	106.8	93.5	79.6
-20°	197.2	182.3	172.1	162.8	154.4	143.7	131.2	118.2	105.2	92.0	78.1

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CATALOG NUMBER: GFLD-SA1B-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	192.6	179.7	169.8	160.9	152.4	141.6	128.8	116.1	103.3	90.3	76.4
-25°	187.6	176.5	167.4	158.9	149.8	138.7	126.2	113.7	101.2	88.3	74.6
-27.5°	183.2	172.9	164.7	156.5	147.0	135.5	123.4	111.2	98.9	86.2	72.6
-30°	178.6	169.9	161.9	153.7	144.1	132.2	120.2	108.3	96.2	83.7	70.4
-32.5°	173.9	166.7	158.7	150.4	140.4	128.5	116.9	105.3	93.3	80.9	68.2
-35°	169.8	162.8	155.2	146.9	136.1	124.6	113.2	102.0	90.1	78.0	65.8
-37.5°	165.4	158.6	151.4	142.7	131.4	120.2	109.2	98.3	86.7	75.0	63.3
-40°	160.7	154.1	147.2	137.2	126.3	115.6	105.0	94.3	83.1	71.8	60.6
-42.5°	155.9	149.2	141.4	131.4	121.0	110.6	100.5	90.1	79.3	68.4	57.7
-45°	150.4	143.7	135.2	125.4	115.2	105.4	95.7	85.8	75.4	65.0	54.7
-47.5°	144.5	137.4	128.7	119.1	109.3	100.0	90.8	81.2	71.3	61.3	51.5
-50°	138.3	130.7	121.7	112.5	103.2	94.5	85.8	76.4	67.0	57.5	48.1
-52.5°	131.1	122.9	114.4	105.8	97.2	88.9	80.3	71.5	62.6	53.5	44.6
-55°	122.8	115.0	107.0	98.8	90.9	82.9	74.7	66.4	58.0	49.4	41.0
-57.5°	113.9	106.8	99.1	91.5	84.0	76.5	69.0	61.2	53.2	45.1	37.8
-60°	104.5	97.7	90.8	83.7	76.6	69.9	63.1	55.7	48.2	40.8	34.5
-62.5°	94.2	88.1	81.8	75.3	69.1	63.1	57.0	49.9	43.0	36.9	31.1
-65°	83.6	78.1	72.4	67.0	61.5	56.1	50.3	44.0	38.3	32.9	27.6
-67.5°	72.9	68.2	63.3	58.5	53.8	48.8	43.5	38.5	33.5	28.7	24.0
-70°	62.6	58.5	54.3	50.3	46.0	41.6	37.4	33.0	28.7	24.6	20.4
-72.5°	52.6	49.2	45.6	42.0	38.5	34.9	31.3	27.6	24.0	20.4	16.8
-75°	42.8	40.1	37.2	34.3	31.3	28.3	25.4	22.4	19.3	16.2	13.5
-77.5°	33.6	31.3	29.0	26.9	24.6	22.2	19.7	17.1	14.8	12.6	10.4
-80°	25.0	23.4	21.8	20.2	18.2	16.2	14.4	12.7	11.0	9.1	7.2
-82.5°	17.1	16.0	14.9	13.7	12.4	11.1	9.8	8.5	7.1	5.6	4.6
-85°	9.7	9.0	8.3	7.5	6.7	5.9	5.4	5.0	4.3	3.7	3.1
-87.5°	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.2	1.8	1.5
-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°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
80°	5.2	4.2	3.4	2.5	1.7	0.9	0.0
77.5°	8.0	5.7	4.2	3.2	2.1	1.1	0.0
75°	10.7	8.0	5.2	3.8	2.5	1.3	0.0
72.5°	13.5	10.3	7.1	4.4	2.9	1.5	0.0
70°	16.2	12.5	8.8	5.2	3.3	1.7	0.0
67.5°	19.3	14.7	10.6	6.5	3.7	1.9	0.0
65°	22.3	17.0	12.3	7.8	4.1	2.1	0.0
62.5°	25.2	19.5	14.1	9.1	4.5	2.3	0.0
60°	28.1	21.8	15.7	10.3	4.9	2.4	0.0
57.5°	30.9	24.1	17.5	11.5	5.7	2.6	0.0
55°	33.8	26.3	19.3	12.7	6.5	2.8	0.0
52.5°	36.5	28.5	21.0	13.9	7.2	3.0	0.0
50°	39.2	30.7	22.6	15.0	7.9	3.1	0.0
47.5°	41.8	32.9	24.2	16.1	8.6	3.3	0.0
45°	44.5	35.0	25.7	17.2	9.3	3.5	0.0
42.5°	47.1	37.0	27.1	18.3	9.9	3.6	0.0
40°	49.6	38.9	28.5	19.3	10.5	3.8	0.0
37.5°	51.9	40.8	30.0	20.2	11.1	3.9	0.0
35°	54.1	42.6	31.4	21.0	11.6	4.0	0.0
32.5°	56.1	44.3	32.7	21.8	12.1	4.1	0.0
30°	58.0	45.9	33.9	22.6	12.5	4.2	0.0
27.5°	59.7	47.3	35.0	23.3	12.9	4.3	0.0
25°	61.3	48.7	36.0	23.9	13.3	4.4	0.0
22.5°	62.7	49.8	36.9	24.5	13.6	4.5	0.0
20°	63.9	50.8	37.7	25.0	13.9	4.6	0.0
17.5°	65.1	51.7	38.4	25.4	14.2	4.7	0.0
15°	66.1	52.5	39.0	25.8	14.4	4.7	0.0
12.5°	66.9	53.1	39.5	26.1	14.5	4.8	0.0
10°	67.7	53.6	39.9	26.3	14.7	4.8	0.0
7.5°	68.2	53.9	40.2	26.5	14.8	4.9	0.0
5°	68.7	54.2	40.4	26.6	14.8	4.9	0.0
2.5°	68.9	54.2	40.4	26.6	14.8	4.9	0.0
0°	69.0	54.2	40.4	26.6	14.8	4.9	0.0
-2.5°	68.9	54.2	40.4	26.6	14.8	4.9	0.0
-5°	68.7	54.2	40.4	26.6	14.8	4.9	0.0
-7.5°	68.2	53.9	40.2	26.5	14.8	4.9	0.0
-10°	67.7	53.6	39.9	26.3	14.7	4.8	0.0
-12.5°	66.9	53.1	39.5	26.1	14.5	4.8	0.0
-15°	66.1	52.5	39.0	25.8	14.4	4.7	0.0
-17.5°	65.1	51.7	38.4	25.4	14.2	4.7	0.0
-20°	63.9	50.8	37.7	25.0	13.9	4.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.7	49.8	36.9	24.5	13.6	4.5	0.0
-25°	61.3	48.7	36.0	23.9	13.3	4.4	0.0
-27.5°	59.7	47.3	35.0	23.3	12.9	4.3	0.0
-30°	58.0	45.9	33.9	22.6	12.5	4.2	0.0
-32.5°	56.1	44.3	32.7	21.8	12.1	4.1	0.0
-35°	54.1	42.6	31.4	21.0	11.6	4.0	0.0
-37.5°	51.9	40.8	30.0	20.2	11.1	3.9	0.0
-40°	49.6	38.9	28.5	19.3	10.5	3.8	0.0
-42.5°	47.1	37.0	27.1	18.3	9.9	3.6	0.0
-45°	44.5	35.0	25.7	17.2	9.3	3.5	0.0
-47.5°	41.8	32.9	24.2	16.1	8.6	3.3	0.0
-50°	39.2	30.7	22.6	15.0	7.9	3.1	0.0
-52.5°	36.5	28.5	21.0	13.9	7.2	3.0	0.0
-55°	33.8	26.3	19.3	12.7	6.5	2.8	0.0
-57.5°	30.9	24.1	17.5	11.5	5.7	2.6	0.0
-60°	28.1	21.8	15.7	10.3	4.9	2.4	0.0
-62.5°	25.2	19.5	14.1	9.1	4.5	2.3	0.0
-65°	22.3	17.0	12.3	7.8	4.1	2.1	0.0
-67.5°	19.3	14.7	10.6	6.5	3.7	1.9	0.0
-70°	16.2	12.5	8.8	5.2	3.3	1.7	0.0
-72.5°	13.5	10.3	7.1	4.4	2.9	1.5	0.0
-75°	10.7	8.0	5.2	3.8	2.5	1.3	0.0
-77.5°	8.0	5.7	4.2	3.2	2.1	1.1	0.0
-80°	5.2	4.2	3.4	2.5	1.7	0.9	0.0
-82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)