

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: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626605 (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-SA1B-730-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N15
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

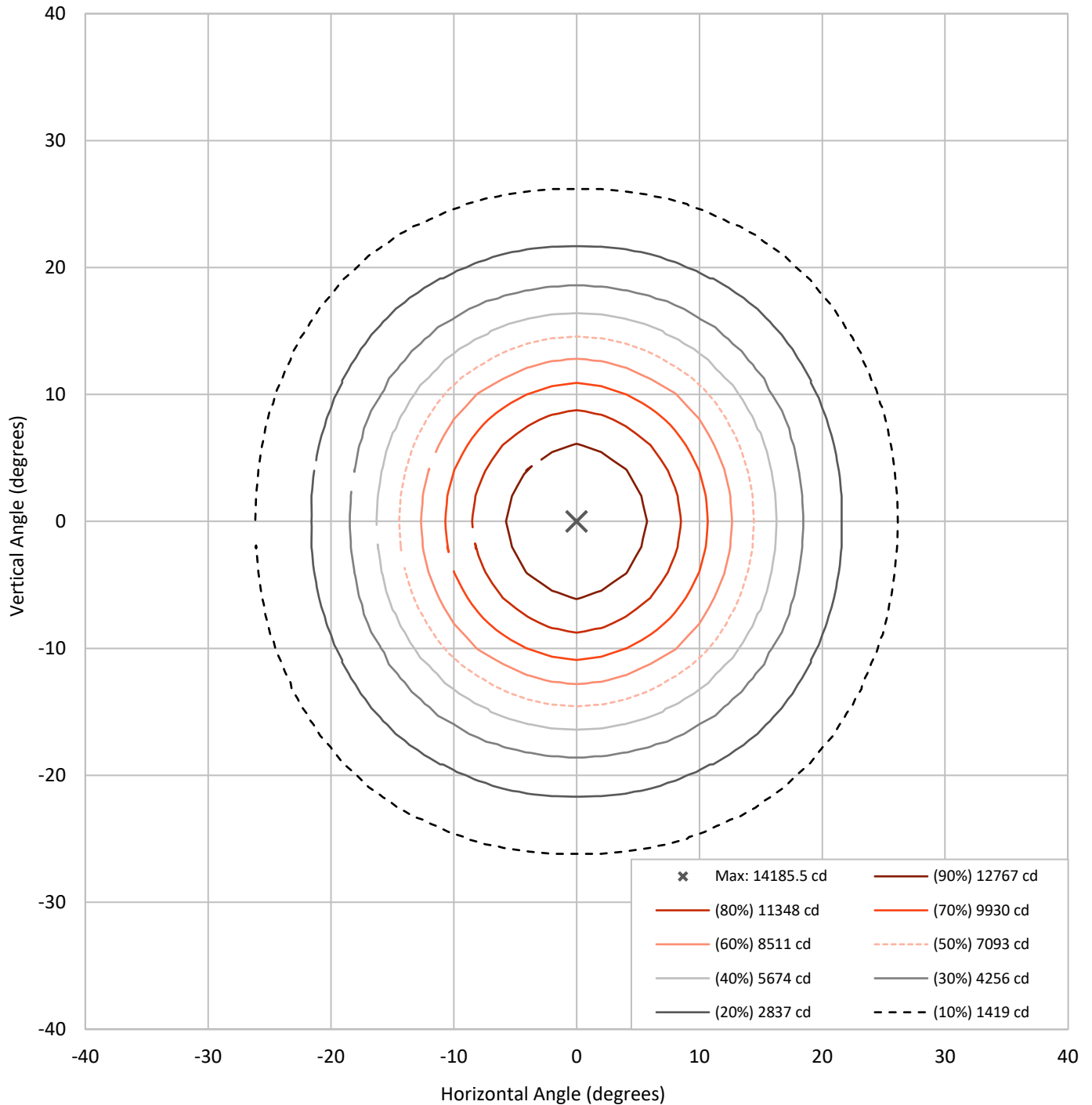
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4432 lumens	Max Intensity:	14185.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	2154.8 lumens	Field Lumens:	3636.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





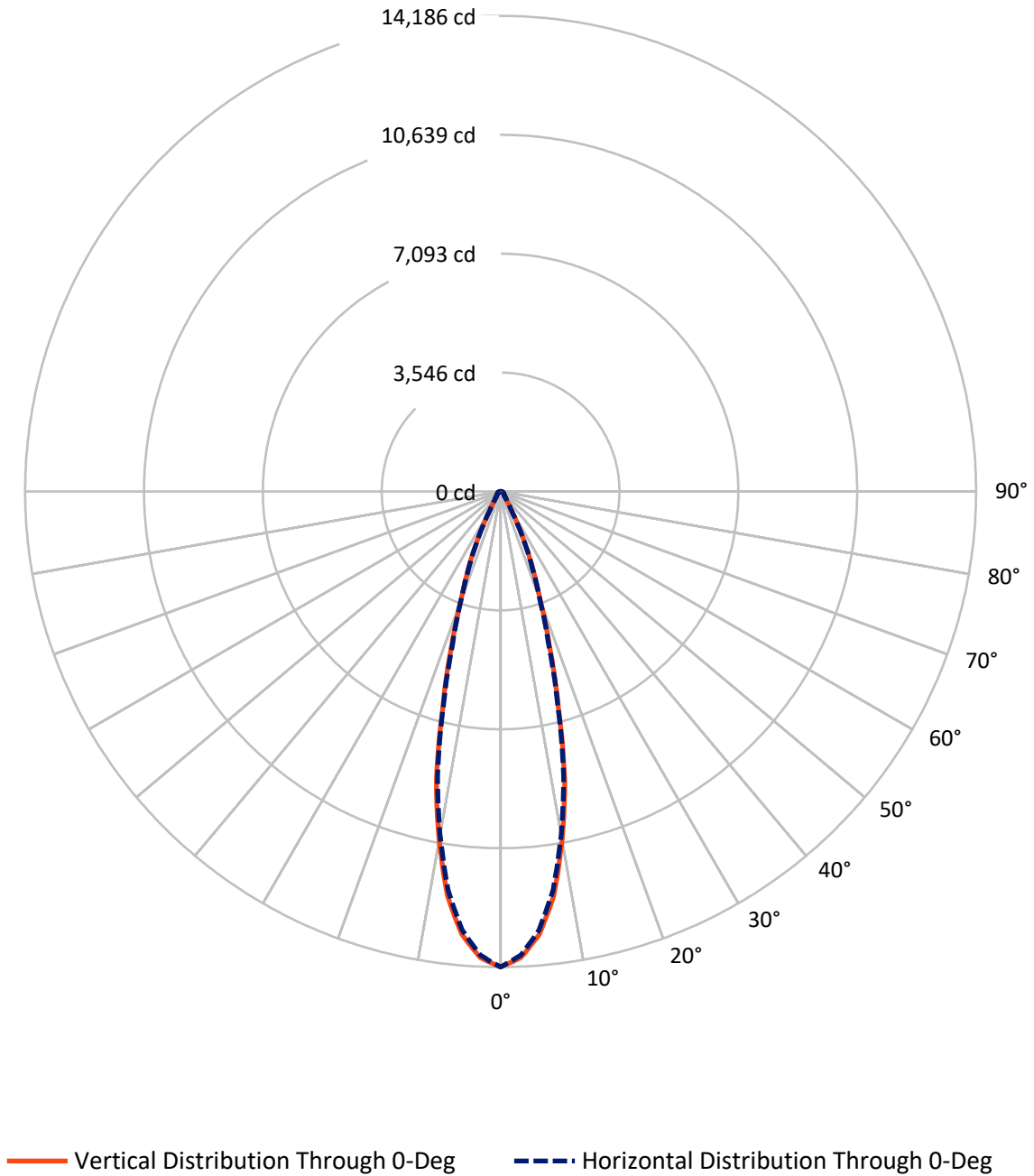
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Lumen Table

90	0.1	0.7	1.9	3.0	3.4	3.0	1.9	0.7	0.1							
80	0.1	0.7	1.9	3.0	3.4	3.0	1.9	0.7	0.1							
70	0.3	0.4	0.8	1.3	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.3	0.8	0.4	0.3
60		0.6	1.1	1.8	2.5	3.0	3.4	3.5	3.5	3.4	3.0	2.5	1.8	1.1	0.6	
50	0.6	0.7	1.5	2.3	3.0	3.8	4.5	4.8	4.8	4.5	3.8	3.0	2.3	1.5	0.7	0.6
40		0.9	1.7	2.6	3.7	5.3	7.7	10.0	10.0	7.7	5.3	3.7	2.6	1.7	0.9	
30	0.7	1.0	1.9	3.0	4.8	10.4	29.2	51.7	51.7	29.2	10.4	4.8	3.0	1.9	1.0	0.7
20		1.0	2.0	3.2	6.5	27.2	97.0	185.8	185.8	97.0	27.2	6.5	3.2	2.0	1.0	
10	0.8	1.1	2.0	3.4	8.2	47.0	179.4	353.0	353.0	179.4	47.0	8.2	3.4	2.0	1.1	0.8
0		1.1	2.0	3.4	8.2	47.0	179.4	353.0	353.0	179.4	47.0	8.2	3.4	2.0	1.1	
-10	0.7	1.0	2.0	3.2	6.5	27.2	97.0	185.8	185.8	97.0	27.2	6.5	3.2	2.0	1.0	0.7
-20		1.0	1.9	3.0	4.8	10.4	29.2	51.7	51.7	29.2	10.4	4.8	3.0	1.9	1.0	
-30	0.6	0.9	1.7	2.6	3.7	5.3	7.7	10.0	10.0	7.7	5.3	3.7	2.6	1.7	0.9	0.6
-40		0.7	1.5	2.3	3.0	3.8	4.5	4.8	4.8	4.5	3.8	3.0	2.3	1.5	0.7	
-50	0.3	0.6	1.1	1.8	2.5	3.0	3.4	3.5	3.5	3.4	3.0	2.5	1.8	1.1	0.6	0.3
-60		0.4	0.8	1.3	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.3	0.8	0.4	
-70	0.1	0.7	1.9	3.0	3.4	3.0	1.9	0.7	0.1							
-80		0.1	0.7	1.9	3.0	3.4	3.0	1.9	0.7	0.1						
-90	0.1	0.7	1.9	3.0	3.4	3.0	1.9	0.7	0.1							

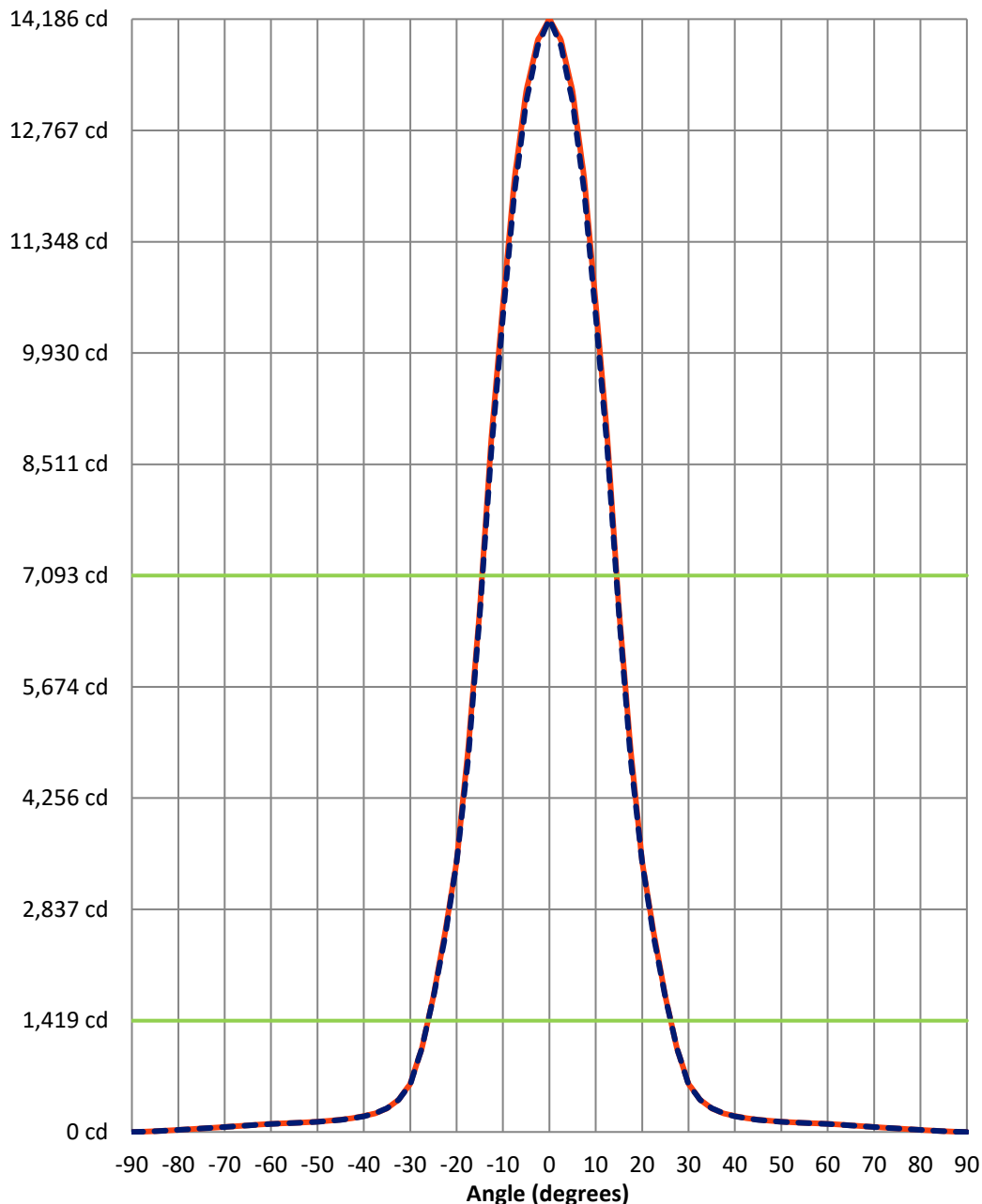
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2154.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 3636.4
 Efficiency: 82.0%

Spill:
 Lumens: 795.6
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.8	4.6	5.5
80°	0.0	0.6	1.2	1.9	2.5	3.1	3.8	4.9	6.1	7.3	8.6
77.5°	0.0	0.8	1.6	2.3	3.1	4.1	5.4	6.8	8.4	9.9	11.7
75°	0.0	0.9	1.9	2.8	3.8	5.4	7.0	8.8	10.7	12.9	15.0
72.5°	0.0	1.1	2.2	3.2	4.9	6.8	8.6	10.8	13.3	15.9	18.4
70°	0.0	1.2	2.5	3.8	5.9	8.1	10.3	13.1	16.0	18.8	21.9
67.5°	0.0	1.4	2.8	4.5	7.0	9.4	12.2	15.4	18.6	22.1	25.5
65°	0.0	1.5	3.0	5.3	8.0	10.8	14.2	17.6	21.4	25.3	29.1
62.5°	0.0	1.7	3.3	6.0	9.0	12.4	16.1	20.0	24.2	28.4	32.9
60°	0.0	1.8	3.6	6.8	10.0	14.0	18.0	22.4	27.0	31.7	36.5
57.5°	0.0	1.9	4.1	7.5	11.2	15.5	20.0	24.7	29.7	34.8	40.1
55°	0.0	2.1	4.5	8.2	12.3	17.0	21.9	27.0	32.3	37.8	43.6
52.5°	0.0	2.2	5.0	8.9	13.5	18.4	23.7	29.2	34.8	40.9	47.0
50°	0.0	2.3	5.4	9.5	14.6	19.9	25.5	31.3	37.3	43.8	50.2
47.5°	0.0	2.4	5.8	10.2	15.7	21.3	27.2	33.4	39.8	46.7	53.2
45°	0.0	2.5	6.2	11.0	16.7	22.7	28.9	35.4	42.3	49.2	56.0
42.5°	0.0	2.7	6.6	11.7	17.7	23.9	30.5	37.3	44.6	51.6	58.6
40°	0.0	2.8	7.0	12.4	18.7	25.1	32.1	39.2	46.8	53.8	61.0
37.5°	0.0	2.9	7.4	13.1	19.6	26.3	33.5	41.0	48.7	56.0	63.3
35°	0.0	2.9	7.7	13.7	20.4	27.4	34.9	42.7	50.4	58.0	65.5
32.5°	0.0	3.0	8.0	14.2	21.2	28.4	36.2	44.3	52.1	59.9	67.7
30°	0.0	3.1	8.3	14.8	22.0	29.4	37.4	45.7	53.7	61.7	69.7
27.5°	0.0	3.2	8.6	15.2	22.6	30.4	38.6	46.9	55.1	63.3	71.5
25°	0.0	3.3	8.8	15.6	23.2	31.2	39.6	48.0	56.4	64.8	73.2
22.5°	0.0	3.3	9.0	16.0	23.8	32.0	40.5	49.1	57.6	66.1	74.8
20°	0.0	3.4	9.2	16.4	24.3	32.6	41.3	50.0	58.6	67.3	76.3
17.5°	0.0	3.4	9.4	16.6	24.8	33.2	42.0	50.7	59.5	68.3	77.6
15°	0.0	3.5	9.6	16.9	25.2	33.7	42.7	51.5	60.3	69.2	78.7
12.5°	0.0	3.5	9.7	17.1	25.6	34.0	43.2	52.1	61.0	69.9	79.6
10°	0.0	3.5	9.8	17.2	25.9	34.3	43.7	52.7	61.6	70.7	80.4
7.5°	0.0	3.6	9.9	17.3	26.1	34.5	44.1	53.1	62.2	71.5	81.4
5°	0.0	3.6	10.0	17.3	26.3	34.6	44.4	53.4	62.5	72.1	82.1
2.5°	0.0	3.6	10.0	17.3	26.4	34.7	44.5	53.6	62.7	72.5	82.6
0°	0.0	3.6	10.0	17.3	26.4	34.7	44.5	53.6	62.7	72.5	82.6
-2.5°	0.0	3.6	10.0	17.3	26.4	34.7	44.5	53.6	62.7	72.5	82.6
-5°	0.0	3.6	10.0	17.3	26.3	34.6	44.4	53.4	62.5	72.1	82.1
-7.5°	0.0	3.6	9.9	17.3	26.1	34.5	44.1	53.1	62.2	71.5	81.4
-10°	0.0	3.5	9.8	17.2	25.9	34.3	43.7	52.7	61.6	70.7	80.4
-12.5°	0.0	3.5	9.7	17.1	25.6	34.0	43.2	52.1	61.0	69.9	79.6
-15°	0.0	3.5	9.6	16.9	25.2	33.7	42.7	51.5	60.3	69.2	78.7
-17.5°	0.0	3.4	9.4	16.6	24.8	33.2	42.0	50.7	59.5	68.3	77.6
-20°	0.0	3.4	9.2	16.4	24.3	32.6	41.3	50.0	58.6	67.3	76.3

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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	3.3	9.0	16.0	23.8	32.0	40.5	49.1	57.6	66.1	74.8
-25°	0.0	3.3	8.8	15.6	23.2	31.2	39.6	48.0	56.4	64.8	73.2
-27.5°	0.0	3.2	8.6	15.2	22.6	30.4	38.6	46.9	55.1	63.3	71.5
-30°	0.0	3.1	8.3	14.8	22.0	29.4	37.4	45.7	53.7	61.7	69.7
-32.5°	0.0	3.0	8.0	14.2	21.2	28.4	36.2	44.3	52.1	59.9	67.7
-35°	0.0	2.9	7.7	13.7	20.4	27.4	34.9	42.7	50.4	58.0	65.5
-37.5°	0.0	2.9	7.4	13.1	19.6	26.3	33.5	41.0	48.7	56.0	63.3
-40°	0.0	2.8	7.0	12.4	18.7	25.1	32.1	39.2	46.8	53.8	61.0
-42.5°	0.0	2.7	6.6	11.7	17.7	23.9	30.5	37.3	44.6	51.6	58.6
-45°	0.0	2.5	6.2	11.0	16.7	22.7	28.9	35.4	42.3	49.2	56.0
-47.5°	0.0	2.4	5.8	10.2	15.7	21.3	27.2	33.4	39.8	46.7	53.2
-50°	0.0	2.3	5.4	9.5	14.6	19.9	25.5	31.3	37.3	43.8	50.2
-52.5°	0.0	2.2	5.0	8.9	13.5	18.4	23.7	29.2	34.8	40.9	47.0
-55°	0.0	2.1	4.5	8.2	12.3	17.0	21.9	27.0	32.3	37.8	43.6
-57.5°	0.0	1.9	4.1	7.5	11.2	15.5	20.0	24.7	29.7	34.8	40.1
-60°	0.0	1.8	3.6	6.8	10.0	14.0	18.0	22.4	27.0	31.7	36.5
-62.5°	0.0	1.7	3.3	6.0	9.0	12.4	16.1	20.0	24.2	28.4	32.9
-65°	0.0	1.5	3.0	5.3	8.0	10.8	14.2	17.6	21.4	25.3	29.1
-67.5°	0.0	1.4	2.8	4.5	7.0	9.4	12.2	15.4	18.6	22.1	25.5
-70°	0.0	1.2	2.5	3.8	5.9	8.1	10.3	13.1	16.0	18.8	21.9
-72.5°	0.0	1.1	2.2	3.2	4.9	6.8	8.6	10.8	13.3	15.9	18.4
-75°	0.0	0.9	1.9	2.8	3.8	5.4	7.0	8.8	10.7	12.9	15.0
-77.5°	0.0	0.8	1.6	2.3	3.1	4.1	5.4	6.8	8.4	9.9	11.7
-80°	0.0	0.6	1.2	1.9	2.5	3.1	3.8	4.9	6.1	7.3	8.6
-82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.8	4.6	5.5
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	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):

	-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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.1	4.7	5.2	5.7	6.2	6.6	7.1	7.5	7.9
82.5°	6.4	7.2	8.0	8.8	9.6	10.4	11.1	11.8	12.4	13.1	13.7
80°	9.7	10.8	12.0	13.0	14.0	15.0	16.0	16.9	17.8	18.7	19.7
77.5°	13.3	14.7	16.0	17.2	18.5	20.0	21.5	22.9	24.3	25.6	26.9
75°	16.9	18.5	20.3	22.1	23.9	25.8	27.6	29.3	31.0	32.7	34.5
72.5°	20.7	22.9	25.1	27.2	29.5	31.7	33.8	35.7	37.8	40.2	42.3
70°	24.8	27.3	30.0	32.7	35.3	37.8	40.4	43.0	45.6	48.1	50.6
67.5°	28.8	32.0	35.2	38.2	41.2	44.2	47.2	50.4	53.4	56.3	59.1
65°	33.2	36.8	40.3	43.7	47.0	50.7	54.3	57.8	61.6	65.1	68.2
62.5°	37.4	41.4	45.3	49.1	53.2	57.3	61.5	65.8	70.3	73.6	76.4
60°	41.5	46.0	50.3	54.8	59.2	63.8	68.6	73.3	77.4	81.0	84.0
57.5°	45.5	50.6	55.3	60.1	65.0	70.2	75.5	80.3	84.1	87.6	90.8
55°	49.3	55.0	60.0	65.1	70.7	76.8	82.2	86.5	90.5	93.3	96.4
52.5°	53.0	59.0	64.3	70.0	76.3	82.7	88.1	92.3	95.6	98.6	101.6
50°	56.5	62.5	68.4	74.9	81.6	88.0	93.5	97.3	100.7	103.7	106.6
47.5°	59.6	65.9	72.6	79.5	86.5	92.9	98.1	102.0	105.4	108.6	111.8
45°	62.6	69.4	76.5	84.0	91.3	97.5	102.3	106.5	109.8	113.4	117.4
42.5°	65.5	72.7	80.4	88.5	95.9	101.6	106.1	110.2	114.0	118.3	122.8
40°	68.3	75.8	84.1	92.6	100.2	105.1	109.7	114.0	118.4	123.3	128.2
37.5°	70.9	79.0	87.6	96.5	103.3	108.4	113.2	118.0	122.9	128.2	134.2
35°	73.4	81.9	91.0	99.6	106.0	111.6	116.8	122.0	127.5	133.9	140.6
32.5°	75.7	84.6	94.1	102.1	108.6	114.6	120.2	126.1	132.5	139.5	147.1
30°	78.0	87.2	96.8	104.7	110.8	117.0	123.6	130.1	137.2	145.0	154.0
27.5°	80.2	89.6	99.0	106.8	112.8	119.1	126.2	134.1	141.8	150.3	160.8
25°	82.3	92.1	101.3	108.4	114.5	121.1	128.5	136.9	146.0	156.2	169.0
22.5°	84.2	94.3	103.4	109.8	116.0	122.8	130.8	139.7	149.6	161.4	177.0
20°	86.0	96.0	104.8	111.1	117.1	124.2	132.8	142.2	153.5	167.7	186.4
17.5°	87.6	97.5	105.8	112.2	118.4	125.6	134.5	144.3	157.0	173.3	195.5
15°	89.0	98.7	106.7	113.0	119.4	127.1	136.3	146.9	160.8	178.8	203.3
12.5°	90.1	99.7	107.4	113.5	120.2	128.2	137.7	149.4	164.6	184.8	213.8
10°	91.0	100.4	107.9	113.9	120.8	128.9	138.9	151.4	167.7	189.8	222.8
7.5°	91.8	101.0	108.4	114.0	121.1	129.3	139.7	152.8	170.0	193.6	230.0
5°	92.4	101.5	108.6	114.4	121.3	129.5	140.2	153.6	171.4	196.1	235.1
2.5°	92.8	101.9	108.6	114.6	121.3	129.5	140.9	154.1	173.0	198.2	238.0
0°	92.9	102.0	108.4	114.7	121.1	129.3	141.1	153.9	173.9	199.4	238.6
-2.5°	92.8	101.9	108.6	114.6	121.3	129.5	140.9	154.1	173.0	198.2	238.0
-5°	92.4	101.5	108.6	114.4	121.3	129.5	140.2	153.6	171.4	196.1	235.1
-7.5°	91.8	101.0	108.4	114.0	121.1	129.3	139.7	152.8	170.0	193.6	230.0
-10°	91.0	100.4	107.9	113.9	120.8	128.9	138.9	151.4	167.7	189.8	222.8
-12.5°	90.1	99.7	107.4	113.5	120.2	128.2	137.7	149.4	164.6	184.8	213.8
-15°	89.0	98.7	106.7	113.0	119.4	127.1	136.3	146.9	160.8	178.8	203.3
-17.5°	87.6	97.5	105.8	112.2	118.4	125.6	134.5	144.3	157.0	173.3	195.5
-20°	86.0	96.0	104.8	111.1	117.1	124.2	132.8	142.2	153.5	167.7	186.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	84.2	94.3	103.4	109.8	116.0	122.8	130.8	139.7	149.6	161.4	177.0
-25°	82.3	92.1	101.3	108.4	114.5	121.1	128.5	136.9	146.0	156.2	169.0
-27.5°	80.2	89.6	99.0	106.8	112.8	119.1	126.2	134.1	141.8	150.3	160.8
-30°	78.0	87.2	96.8	104.7	110.8	117.0	123.6	130.1	137.2	145.0	154.0
-32.5°	75.7	84.6	94.1	102.1	108.6	114.6	120.2	126.1	132.5	139.5	147.1
-35°	73.4	81.9	91.0	99.6	106.0	111.6	116.8	122.0	127.5	133.9	140.6
-37.5°	70.9	79.0	87.6	96.5	103.3	108.4	113.2	118.0	122.9	128.2	134.2
-40°	68.3	75.8	84.1	92.6	100.2	105.1	109.7	114.0	118.4	123.3	128.2
-42.5°	65.5	72.7	80.4	88.5	95.9	101.6	106.1	110.2	114.0	118.3	122.8
-45°	62.6	69.4	76.5	84.0	91.3	97.5	102.3	106.5	109.8	113.4	117.4
-47.5°	59.6	65.9	72.6	79.5	86.5	92.9	98.1	102.0	105.4	108.6	111.8
-50°	56.5	62.5	68.4	74.9	81.6	88.0	93.5	97.3	100.7	103.7	106.6
-52.5°	53.0	59.0	64.3	70.0	76.3	82.7	88.1	92.3	95.6	98.6	101.6
-55°	49.3	55.0	60.0	65.1	70.7	76.8	82.2	86.5	90.5	93.3	96.4
-57.5°	45.5	50.6	55.3	60.1	65.0	70.2	75.5	80.3	84.1	87.6	90.8
-60°	41.5	46.0	50.3	54.8	59.2	63.8	68.6	73.3	77.4	81.0	84.0
-62.5°	37.4	41.4	45.3	49.1	53.2	57.3	61.5	65.8	70.3	73.6	76.4
-65°	33.2	36.8	40.3	43.7	47.0	50.7	54.3	57.8	61.6	65.1	68.2
-67.5°	28.8	32.0	35.2	38.2	41.2	44.2	47.2	50.4	53.4	56.3	59.1
-70°	24.8	27.3	30.0	32.7	35.3	37.8	40.4	43.0	45.6	48.1	50.6
-72.5°	20.7	22.9	25.1	27.2	29.5	31.7	33.8	35.7	37.8	40.2	42.3
-75°	16.9	18.5	20.3	22.1	23.9	25.8	27.6	29.3	31.0	32.7	34.5
-77.5°	13.3	14.7	16.0	17.2	18.5	20.0	21.5	22.9	24.3	25.6	26.9
-80°	9.7	10.8	12.0	13.0	14.0	15.0	16.0	16.9	17.8	18.7	19.7
-82.5°	6.4	7.2	8.0	8.8	9.6	10.4	11.1	11.8	12.4	13.1	13.7
-85°	3.3	3.6	4.1	4.7	5.2	5.7	6.2	6.6	7.1	7.5	7.9
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
85°	8.3	8.6	8.9	9.2	9.5	9.6	9.6	9.6	9.6	9.7	9.8
82.5°	14.2	14.9	15.5	16.1	16.8	17.0	17.2	17.3	17.4	17.6	17.8
80°	20.7	21.7	22.6	23.4	24.2	24.7	25.2	25.6	26.1	26.2	26.3
77.5°	28.1	29.4	30.5	31.6	32.6	33.3	34.0	34.5	34.9	35.1	35.3
75°	36.2	37.7	39.1	40.4	41.6	42.4	43.0	43.4	43.7	44.0	44.2
72.5°	44.3	46.1	47.7	49.3	50.6	51.6	52.2	52.8	53.2	53.5	53.6
70°	52.9	55.0	56.8	58.4	59.6	60.5	61.2	61.8	62.2	62.5	62.7
67.5°	61.8	64.0	65.7	67.1	68.2	69.1	70.0	70.7	71.1	71.6	72.0
65°	70.8	73.1	74.8	76.2	77.4	78.7	79.8	80.7	81.2	81.7	82.3
62.5°	79.2	81.8	83.8	85.7	87.6	89.4	90.5	91.3	91.9	92.4	93.0
60°	86.9	89.9	92.4	94.6	97.0	99.3	100.3	101.0	101.7	102.4	103.0
57.5°	93.8	97.0	100.0	102.2	104.4	106.5	108.0	108.9	109.4	109.7	110.0
55°	99.8	102.9	105.8	108.4	110.8	113.1	114.8	115.6	116.2	116.6	116.8
52.5°	105.1	108.4	111.6	114.5	117.1	119.5	121.6	122.7	123.6	124.3	124.5
50°	110.3	114.0	117.4	120.5	123.5	126.4	129.0	130.6	131.7	132.4	132.6
47.5°	115.8	119.7	123.5	127.0	130.5	133.9	137.0	139.1	140.7	141.9	142.7
45°	121.5	125.7	129.9	134.1	138.0	142.4	146.4	149.4	151.7	153.7	155.3
42.5°	127.3	132.0	136.7	142.1	147.5	152.5	157.3	161.4	165.1	168.7	171.5
40°	133.5	138.7	145.1	151.5	158.2	164.1	171.0	177.2	182.9	189.0	194.1
37.5°	140.3	147.0	154.6	162.3	171.0	179.4	189.0	198.6	206.9	217.6	226.3
35°	147.7	156.2	165.2	175.6	186.7	199.9	213.4	229.3	242.8	259.9	275.6
32.5°	156.0	165.9	177.7	191.9	206.9	228.1	247.9	274.8	297.8	327.5	359.9
30°	164.4	177.3	193.2	211.6	237.0	267.0	302.0	347.5	396.7	447.6	516.2
27.5°	174.4	191.1	211.0	239.3	277.4	319.0	390.2	467.1	574.3	659.1	810.2
25°	185.1	205.8	235.3	276.3	328.9	413.0	533.2	672.5	886.9	1077.6	1296.8
22.5°	197.8	225.9	265.0	318.7	410.4	555.0	742.7	1028.6	1346.6	1660.3	1947.1
20°	211.3	245.2	299.8	387.3	529.1	738.1	1073.0	1481.6	1903.7	2333.6	2696.0
17.5°	227.0	273.1	345.0	461.2	663.5	1021.4	1468.7	1988.3	2539.6	3088.3	3564.9
15°	240.5	297.4	394.3	568.4	870.0	1317.7	1867.4	2523.7	3217.0	3929.0	4700.8
12.5°	257.8	326.7	445.1	656.9	1053.3	1635.1	2307.8	3069.6	3916.3	4861.7	6064.8
10°	273.6	357.5	511.9	798.9	1273.5	1931.6	2688.1	3552.5	4650.7	6071.4	7522.7
7.5°	286.2	381.9	563.7	909.6	1458.2	2184.9	3030.6	4067.0	5437.0	7128.8	8786.9
5°	295.1	398.9	600.8	993.3	1606.8	2378.4	3273.7	4446.2	6099.8	7994.3	9687.4
2.5°	300.6	408.2	618.9	1043.0	1703.7	2495.0	3425.3	4687.2	6506.1	8545.3	10259.5
0°	303.2	409.8	607.3	1067.2	1717.3	2486.7	3439.2	4767.7	6602.4	8694.9	10402.2
-2.5°	300.6	408.2	618.9	1043.0	1703.7	2495.0	3425.3	4687.2	6506.1	8545.3	10259.5
-5°	295.1	398.9	600.8	993.3	1606.8	2378.4	3273.7	4446.2	6099.8	7994.3	9687.4
-7.5°	286.2	381.9	563.7	909.6	1458.2	2184.9	3030.6	4067.0	5437.0	7128.8	8786.9
-10°	273.6	357.5	511.9	798.9	1273.5	1931.6	2688.1	3552.5	4650.7	6071.4	7522.7
-12.5°	257.8	326.7	445.1	656.9	1053.3	1635.1	2307.8	3069.6	3916.3	4861.7	6064.8
-15°	240.5	297.4	394.3	568.4	870.0	1317.7	1867.4	2523.7	3217.0	3929.0	4700.8
-17.5°	227.0	273.1	345.0	461.2	663.5	1021.4	1468.7	1988.3	2539.6	3088.3	3564.9
-20°	211.3	245.2	299.8	387.3	529.1	738.1	1073.0	1481.6	1903.7	2333.6	2696.0

Classified

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Scaled Data Report



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	197.8	225.9	265.0	318.7	410.4	555.0	742.7	1028.6	1346.6	1660.3	1947.1
-25°	185.1	205.8	235.3	276.3	328.9	413.0	533.2	672.5	886.9	1077.6	1296.8
-27.5°	174.4	191.1	211.0	239.3	277.4	319.0	390.2	467.1	574.3	659.1	810.2
-30°	164.4	177.3	193.2	211.6	237.0	267.0	302.0	347.5	396.7	447.6	516.2
-32.5°	156.0	165.9	177.7	191.9	206.9	228.1	247.9	274.8	297.8	327.5	359.9
-35°	147.7	156.2	165.2	175.6	186.7	199.9	213.4	229.3	242.8	259.9	275.6
-37.5°	140.3	147.0	154.6	162.3	171.0	179.4	189.0	198.6	206.9	217.6	226.3
-40°	133.5	138.7	145.1	151.5	158.2	164.1	171.0	177.2	182.9	189.0	194.1
-42.5°	127.3	132.0	136.7	142.1	147.5	152.5	157.3	161.4	165.1	168.7	171.5
-45°	121.5	125.7	129.9	134.1	138.0	142.4	146.4	149.4	151.7	153.7	155.3
-47.5°	115.8	119.7	123.5	127.0	130.5	133.9	137.0	139.1	140.7	141.9	142.7
-50°	110.3	114.0	117.4	120.5	123.5	126.4	129.0	130.6	131.7	132.4	132.6
-52.5°	105.1	108.4	111.6	114.5	117.1	119.5	121.6	122.7	123.6	124.3	124.5
-55°	99.8	102.9	105.8	108.4	110.8	113.1	114.8	115.6	116.2	116.6	116.8
-57.5°	93.8	97.0	100.0	102.2	104.4	106.5	108.0	108.9	109.4	109.7	110.0
-60°	86.9	89.9	92.4	94.6	97.0	99.3	100.3	101.0	101.7	102.4	103.0
-62.5°	79.2	81.8	83.8	85.7	87.6	89.4	90.5	91.3	91.9	92.4	93.0
-65°	70.8	73.1	74.8	76.2	77.4	78.7	79.8	80.7	81.2	81.7	82.3
-67.5°	61.8	64.0	65.7	67.1	68.2	69.1	70.0	70.7	71.1	71.6	72.0
-70°	52.9	55.0	56.8	58.4	59.6	60.5	61.2	61.8	62.2	62.5	62.7
-72.5°	44.3	46.1	47.7	49.3	50.6	51.6	52.2	52.8	53.2	53.5	53.6
-75°	36.2	37.7	39.1	40.4	41.6	42.4	43.0	43.4	43.7	44.0	44.2
-77.5°	28.1	29.4	30.5	31.6	32.6	33.3	34.0	34.5	34.9	35.1	35.3
-80°	20.7	21.7	22.6	23.4	24.2	24.7	25.2	25.6	26.1	26.2	26.3
-82.5°	14.2	14.9	15.5	16.1	16.8	17.0	17.2	17.3	17.4	17.6	17.8
-85°	8.3	8.6	8.9	9.2	9.5	9.6	9.6	9.6	9.6	9.7	9.8
-87.5°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
-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: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
85°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.7	9.6	9.6
82.5°	18.0	18.1	18.2	18.2	18.2	18.1	18.0	17.8	17.6	17.4	17.3
80°	26.3	26.3	26.4	26.4	26.4	26.3	26.3	26.3	26.2	26.1	25.6
77.5°	35.3	35.3	35.5	35.5	35.5	35.3	35.3	35.3	35.1	34.9	34.5
75°	44.4	44.4	44.5	44.6	44.5	44.4	44.4	44.2	44.0	43.7	43.4
72.5°	53.6	53.5	53.6	53.7	53.6	53.5	53.6	53.6	53.5	53.2	52.8
70°	62.7	62.6	63.1	63.7	63.1	62.6	62.7	62.7	62.5	62.2	61.8
67.5°	72.3	72.5	73.2	73.8	73.2	72.5	72.3	72.0	71.6	71.1	70.7
65°	82.5	82.6	83.2	83.8	83.2	82.6	82.5	82.3	81.7	81.2	80.7
62.5°	93.3	93.4	94.1	94.7	94.1	93.4	93.3	93.0	92.4	91.9	91.3
60°	103.3	103.4	103.7	103.8	103.7	103.4	103.3	103.0	102.4	101.7	101.0
57.5°	110.1	110.0	110.1	110.2	110.1	110.0	110.1	110.0	109.7	109.4	108.9
55°	116.8	116.5	116.1	115.6	116.1	116.5	116.8	116.8	116.6	116.2	115.6
52.5°	124.3	123.8	123.3	122.9	123.3	123.8	124.3	124.5	124.3	123.6	122.7
50°	132.4	132.0	131.5	131.1	131.5	132.0	132.4	132.6	132.4	131.7	130.6
47.5°	143.2	143.4	143.4	143.0	143.4	143.4	143.2	142.7	141.9	140.7	139.1
45°	156.4	156.9	156.9	156.6	156.9	156.9	156.4	155.3	153.7	151.7	149.4
42.5°	173.5	174.6	175.3	175.7	175.3	174.6	173.5	171.5	168.7	165.1	161.4
40°	197.8	200.1	201.6	203.1	201.6	200.1	197.8	194.1	189.0	182.9	177.2
37.5°	232.6	236.9	238.8	237.7	238.8	236.9	232.6	226.3	217.6	206.9	198.6
35°	287.8	295.9	300.1	300.5	300.1	295.9	287.8	275.6	259.9	242.8	229.3
32.5°	383.9	400.5	409.4	410.7	409.4	400.5	383.9	359.9	327.5	297.8	274.8
30°	568.6	602.5	618.4	614.6	618.4	602.5	568.6	516.2	447.6	396.7	347.5
27.5°	927.7	1012.2	1062.3	1066.3	1062.3	1012.2	927.7	810.2	659.1	574.3	467.1
25°	1491.0	1635.3	1727.7	1729.1	1727.7	1635.3	1491.0	1296.8	1077.6	886.9	672.5
22.5°	2212.2	2409.2	2517.1	2535.9	2517.1	2409.2	2212.2	1947.1	1660.3	1346.6	1028.6
20°	3047.8	3309.8	3449.9	3450.1	3449.9	3309.8	3047.8	2696.0	2333.6	1903.7	1481.6
17.5°	4076.8	4502.2	4769.3	4884.2	4769.3	4502.2	4076.8	3564.9	3088.3	2539.6	1988.3
15°	5443.9	6158.8	6587.1	6664.4	6587.1	6158.8	5443.9	4700.8	3929.0	3217.0	2523.7
12.5°	7108.4	8013.2	8621.3	8844.2	8621.3	8013.2	7108.4	6064.8	4861.7	3916.3	3069.6
10°	8846.4	9684.7	10336.2	10555.2	10336.2	9684.7	8846.4	7522.7	6071.4	4650.7	3552.5
7.5°	10102.0	11101.6	11835.5	12157.7	11835.5	11101.6	10102.0	8786.9	7128.8	5437.0	4067.0
5°	11093.1	12275.8	12959.0	13262.2	12959.0	12275.8	11093.1	9687.4	7994.3	6099.8	4446.2
2.5°	11743.4	12912.1	13635.5	13915.1	13635.5	12912.1	11743.4	10259.5	8545.3	6506.1	4687.2
0°	11986.6	13129.3	13844.1	14185.5	13844.1	13129.3	11986.6	10402.2	8694.9	6602.4	4767.7
-2.5°	11743.4	12912.1	13635.5	13915.1	13635.5	12912.1	11743.4	10259.5	8545.3	6506.1	4687.2
-5°	11093.1	12275.8	12959.0	13262.2	12959.0	12275.8	11093.1	9687.4	7994.3	6099.8	4446.2
-7.5°	10102.0	11101.6	11835.5	12157.7	11835.5	11101.6	10102.0	8786.9	7128.8	5437.0	4067.0
-10°	8846.4	9684.7	10336.2	10555.2	10336.2	9684.7	8846.4	7522.7	6071.4	4650.7	3552.5
-12.5°	7108.4	8013.2	8621.3	8844.2	8621.3	8013.2	7108.4	6064.8	4861.7	3916.3	3069.6
-15°	5443.9	6158.8	6587.1	6664.4	6587.1	6158.8	5443.9	4700.8	3929.0	3217.0	2523.7
-17.5°	4076.8	4502.2	4769.3	4884.2	4769.3	4502.2	4076.8	3564.9	3088.3	2539.6	1988.3
-20°	3047.8	3309.8	3449.9	3450.1	3449.9	3309.8	3047.8	2696.0	2333.6	1903.7	1481.6



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2212.2	2409.2	2517.1	2535.9	2517.1	2409.2	2212.2	1947.1	1660.3	1346.6	1028.6
-25°	1491.0	1635.3	1727.7	1729.1	1727.7	1635.3	1491.0	1296.8	1077.6	886.9	672.5
-27.5°	927.7	1012.2	1062.3	1066.3	1062.3	1012.2	927.7	810.2	659.1	574.3	467.1
-30°	568.6	602.5	618.4	614.6	618.4	602.5	568.6	516.2	447.6	396.7	347.5
-32.5°	383.9	400.5	409.4	410.7	409.4	400.5	383.9	359.9	327.5	297.8	274.8
-35°	287.8	295.9	300.1	300.5	300.1	295.9	287.8	275.6	259.9	242.8	229.3
-37.5°	232.6	236.9	238.8	237.7	238.8	236.9	232.6	226.3	217.6	206.9	198.6
-40°	197.8	200.1	201.6	203.1	201.6	200.1	197.8	194.1	189.0	182.9	177.2
-42.5°	173.5	174.6	175.3	175.7	175.3	174.6	173.5	171.5	168.7	165.1	161.4
-45°	156.4	156.9	156.9	156.6	156.9	156.9	156.4	155.3	153.7	151.7	149.4
-47.5°	143.2	143.4	143.4	143.0	143.4	143.4	143.2	142.7	141.9	140.7	139.1
-50°	132.4	132.0	131.5	131.1	131.5	132.0	132.4	132.6	132.4	131.7	130.6
-52.5°	124.3	123.8	123.3	122.9	123.3	123.8	124.3	124.5	124.3	123.6	122.7
-55°	116.8	116.5	116.1	115.6	116.1	116.5	116.8	116.8	116.6	116.2	115.6
-57.5°	110.1	110.0	110.1	110.2	110.1	110.0	110.1	110.0	109.7	109.4	108.9
-60°	103.3	103.4	103.7	103.8	103.7	103.4	103.3	103.0	102.4	101.7	101.0
-62.5°	93.3	93.4	94.1	94.7	94.1	93.4	93.3	93.0	92.4	91.9	91.3
-65°	82.5	82.6	83.2	83.8	83.2	82.6	82.5	82.3	81.7	81.2	80.7
-67.5°	72.3	72.5	73.2	73.8	73.2	72.5	72.3	72.0	71.6	71.1	70.7
-70°	62.7	62.6	63.1	63.7	63.1	62.6	62.7	62.7	62.5	62.2	61.8
-72.5°	53.6	53.5	53.6	53.7	53.6	53.5	53.6	53.6	53.5	53.2	52.8
-75°	44.4	44.4	44.5	44.6	44.5	44.4	44.4	44.2	44.0	43.7	43.4
-77.5°	35.3	35.3	35.5	35.5	35.5	35.3	35.3	35.3	35.1	34.9	34.5
-80°	26.3	26.3	26.4	26.4	26.4	26.3	26.3	26.3	26.2	26.1	25.6
-82.5°	18.0	18.1	18.2	18.2	18.2	18.1	18.0	17.8	17.6	17.4	17.3
-85°	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8	9.7	9.6	9.6
-87.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
-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: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.5
85°	9.6	9.6	9.5	9.2	8.9	8.6	8.3	7.9	7.5	7.1	6.6
82.5°	17.2	17.0	16.8	16.1	15.5	14.9	14.2	13.7	13.1	12.4	11.8
80°	25.2	24.7	24.2	23.4	22.6	21.7	20.7	19.7	18.7	17.8	16.9
77.5°	34.0	33.3	32.6	31.6	30.5	29.4	28.1	26.9	25.6	24.3	22.9
75°	43.0	42.4	41.6	40.4	39.1	37.7	36.2	34.5	32.7	31.0	29.3
72.5°	52.2	51.6	50.6	49.3	47.7	46.1	44.3	42.3	40.2	37.8	35.7
70°	61.2	60.5	59.6	58.4	56.8	55.0	52.9	50.6	48.1	45.6	43.0
67.5°	70.0	69.1	68.2	67.1	65.7	64.0	61.8	59.1	56.3	53.4	50.4
65°	79.8	78.7	77.4	76.2	74.8	73.1	70.8	68.2	65.1	61.6	57.8
62.5°	90.5	89.4	87.6	85.7	83.8	81.8	79.2	76.4	73.6	70.3	65.8
60°	100.3	99.3	97.0	94.6	92.4	89.9	86.9	84.0	81.0	77.4	73.3
57.5°	108.0	106.5	104.4	102.2	100.0	97.0	93.8	90.8	87.6	84.1	80.3
55°	114.8	113.1	110.8	108.4	105.8	102.9	99.8	96.4	93.3	90.5	86.5
52.5°	121.6	119.5	117.1	114.5	111.6	108.4	105.1	101.6	98.6	95.6	92.3
50°	129.0	126.4	123.5	120.5	117.4	114.0	110.3	106.6	103.7	100.7	97.3
47.5°	137.0	133.9	130.5	127.0	123.5	119.7	115.8	111.8	108.6	105.4	102.0
45°	146.4	142.4	138.0	134.1	129.9	125.7	121.5	117.4	113.4	109.8	106.5
42.5°	157.3	152.5	147.5	142.1	136.7	132.0	127.3	122.8	118.3	114.0	110.2
40°	171.0	164.1	158.2	151.5	145.1	138.7	133.5	128.2	123.3	118.4	114.0
37.5°	189.0	179.4	171.0	162.3	154.6	147.0	140.3	134.2	128.2	122.9	118.0
35°	213.4	199.9	186.7	175.6	165.2	156.2	147.7	140.6	133.9	127.5	122.0
32.5°	247.9	228.1	206.9	191.9	177.7	165.9	156.0	147.1	139.5	132.5	126.1
30°	302.0	267.0	237.0	211.6	193.2	177.3	164.4	154.0	145.0	137.2	130.1
27.5°	390.2	319.0	277.4	239.3	211.0	191.1	174.4	160.8	150.3	141.8	134.1
25°	533.2	413.0	328.9	276.3	235.3	205.8	185.1	169.0	156.2	146.0	136.9
22.5°	742.7	555.0	410.4	318.7	265.0	225.9	197.8	177.0	161.4	149.6	139.7
20°	1073.0	738.1	529.1	387.3	299.8	245.2	211.3	186.4	167.7	153.5	142.2
17.5°	1468.7	1021.4	663.5	461.2	345.0	273.1	227.0	195.5	173.3	157.0	144.3
15°	1867.4	1317.7	870.0	568.4	394.3	297.4	240.5	203.3	178.8	160.8	146.9
12.5°	2307.8	1635.1	1053.3	656.9	445.1	326.7	257.8	213.8	184.8	164.6	149.4
10°	2688.1	1931.6	1273.5	798.9	511.9	357.5	273.6	222.8	189.8	167.7	151.4
7.5°	3030.6	2184.9	1458.2	909.6	563.7	381.9	286.2	230.0	193.6	170.0	152.8
5°	3273.7	2378.4	1606.8	993.3	600.8	398.9	295.1	235.1	196.1	171.4	153.6
2.5°	3425.3	2495.0	1703.7	1043.0	618.9	408.2	300.6	238.0	198.2	173.0	154.1
0°	3439.2	2486.7	1717.3	1067.2	607.3	409.8	303.2	238.6	199.4	173.9	153.9
-2.5°	3425.3	2495.0	1703.7	1043.0	618.9	408.2	300.6	238.0	198.2	173.0	154.1
-5°	3273.7	2378.4	1606.8	993.3	600.8	398.9	295.1	235.1	196.1	171.4	153.6
-7.5°	3030.6	2184.9	1458.2	909.6	563.7	381.9	286.2	230.0	193.6	170.0	152.8
-10°	2688.1	1931.6	1273.5	798.9	511.9	357.5	273.6	222.8	189.8	167.7	151.4
-12.5°	2307.8	1635.1	1053.3	656.9	445.1	326.7	257.8	213.8	184.8	164.6	149.4
-15°	1867.4	1317.7	870.0	568.4	394.3	297.4	240.5	203.3	178.8	160.8	146.9
-17.5°	1468.7	1021.4	663.5	461.2	345.0	273.1	227.0	195.5	173.3	157.0	144.3
-20°	1073.0	738.1	529.1	387.3	299.8	245.2	211.3	186.4	167.7	153.5	142.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	742.7	555.0	410.4	318.7	265.0	225.9	197.8	177.0	161.4	149.6	139.7
-25°	533.2	413.0	328.9	276.3	235.3	205.8	185.1	169.0	156.2	146.0	136.9
-27.5°	390.2	319.0	277.4	239.3	211.0	191.1	174.4	160.8	150.3	141.8	134.1
-30°	302.0	267.0	237.0	211.6	193.2	177.3	164.4	154.0	145.0	137.2	130.1
-32.5°	247.9	228.1	206.9	191.9	177.7	165.9	156.0	147.1	139.5	132.5	126.1
-35°	213.4	199.9	186.7	175.6	165.2	156.2	147.7	140.6	133.9	127.5	122.0
-37.5°	189.0	179.4	171.0	162.3	154.6	147.0	140.3	134.2	128.2	122.9	118.0
-40°	171.0	164.1	158.2	151.5	145.1	138.7	133.5	128.2	123.3	118.4	114.0
-42.5°	157.3	152.5	147.5	142.1	136.7	132.0	127.3	122.8	118.3	114.0	110.2
-45°	146.4	142.4	138.0	134.1	129.9	125.7	121.5	117.4	113.4	109.8	106.5
-47.5°	137.0	133.9	130.5	127.0	123.5	119.7	115.8	111.8	108.6	105.4	102.0
-50°	129.0	126.4	123.5	120.5	117.4	114.0	110.3	106.6	103.7	100.7	97.3
-52.5°	121.6	119.5	117.1	114.5	111.6	108.4	105.1	101.6	98.6	95.6	92.3
-55°	114.8	113.1	110.8	108.4	105.8	102.9	99.8	96.4	93.3	90.5	86.5
-57.5°	108.0	106.5	104.4	102.2	100.0	97.0	93.8	90.8	87.6	84.1	80.3
-60°	100.3	99.3	97.0	94.6	92.4	89.9	86.9	84.0	81.0	77.4	73.3
-62.5°	90.5	89.4	87.6	85.7	83.8	81.8	79.2	76.4	73.6	70.3	65.8
-65°	79.8	78.7	77.4	76.2	74.8	73.1	70.8	68.2	65.1	61.6	57.8
-67.5°	70.0	69.1	68.2	67.1	65.7	64.0	61.8	59.1	56.3	53.4	50.4
-70°	61.2	60.5	59.6	58.4	56.8	55.0	52.9	50.6	48.1	45.6	43.0
-72.5°	52.2	51.6	50.6	49.3	47.7	46.1	44.3	42.3	40.2	37.8	35.7
-75°	43.0	42.4	41.6	40.4	39.1	37.7	36.2	34.5	32.7	31.0	29.3
-77.5°	34.0	33.3	32.6	31.6	30.5	29.4	28.1	26.9	25.6	24.3	22.9
-80°	25.2	24.7	24.2	23.4	22.6	21.7	20.7	19.7	18.7	17.8	16.9
-82.5°	17.2	17.0	16.8	16.1	15.5	14.9	14.2	13.7	13.1	12.4	11.8
-85°	9.6	9.6	9.5	9.2	8.9	8.6	8.3	7.9	7.5	7.1	6.6
-87.5°	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	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



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
85°	6.2	5.7	5.2	4.7	4.1	3.6	3.3	3.0	2.8	2.5	2.2
82.5°	11.1	10.4	9.6	8.8	8.0	7.2	6.4	5.5	4.6	3.8	3.2
80°	16.0	15.0	14.0	13.0	12.0	10.8	9.7	8.6	7.3	6.1	4.9
77.5°	21.5	20.0	18.5	17.2	16.0	14.7	13.3	11.7	9.9	8.4	6.8
75°	27.6	25.8	23.9	22.1	20.3	18.5	16.9	15.0	12.9	10.7	8.8
72.5°	33.8	31.7	29.5	27.2	25.1	22.9	20.7	18.4	15.9	13.3	10.8
70°	40.4	37.8	35.3	32.7	30.0	27.3	24.8	21.9	18.8	16.0	13.1
67.5°	47.2	44.2	41.2	38.2	35.2	32.0	28.8	25.5	22.1	18.6	15.4
65°	54.3	50.7	47.0	43.7	40.3	36.8	33.2	29.1	25.3	21.4	17.6
62.5°	61.5	57.3	53.2	49.1	45.3	41.4	37.4	32.9	28.4	24.2	20.0
60°	68.6	63.8	59.2	54.8	50.3	46.0	41.5	36.5	31.7	27.0	22.4
57.5°	75.5	70.2	65.0	60.1	55.3	50.6	45.5	40.1	34.8	29.7	24.7
55°	82.2	76.8	70.7	65.1	60.0	55.0	49.3	43.6	37.8	32.3	27.0
52.5°	88.1	82.7	76.3	70.0	64.3	59.0	53.0	47.0	40.9	34.8	29.2
50°	93.5	88.0	81.6	74.9	68.4	62.5	56.5	50.2	43.8	37.3	31.3
47.5°	98.1	92.9	86.5	79.5	72.6	65.9	59.6	53.2	46.7	39.8	33.4
45°	102.3	97.5	91.3	84.0	76.5	69.4	62.6	56.0	49.2	42.3	35.4
42.5°	106.1	101.6	95.9	88.5	80.4	72.7	65.5	58.6	51.6	44.6	37.3
40°	109.7	105.1	100.2	92.6	84.1	75.8	68.3	61.0	53.8	46.8	39.2
37.5°	113.2	108.4	103.3	96.5	87.6	79.0	70.9	63.3	56.0	48.7	41.0
35°	116.8	111.6	106.0	99.6	91.0	81.9	73.4	65.5	58.0	50.4	42.7
32.5°	120.2	114.6	108.6	102.1	94.1	84.6	75.7	67.7	59.9	52.1	44.3
30°	123.6	117.0	110.8	104.7	96.8	87.2	78.0	69.7	61.7	53.7	45.7
27.5°	126.2	119.1	112.8	106.8	99.0	89.6	80.2	71.5	63.3	55.1	46.9
25°	128.5	121.1	114.5	108.4	101.3	92.1	82.3	73.2	64.8	56.4	48.0
22.5°	130.8	122.8	116.0	109.8	103.4	94.3	84.2	74.8	66.1	57.6	49.1
20°	132.8	124.2	117.1	111.1	104.8	96.0	86.0	76.3	67.3	58.6	50.0
17.5°	134.5	125.6	118.4	112.2	105.8	97.5	87.6	77.6	68.3	59.5	50.7
15°	136.3	127.1	119.4	113.0	106.7	98.7	89.0	78.7	69.2	60.3	51.5
12.5°	137.7	128.2	120.2	113.5	107.4	99.7	90.1	79.6	69.9	61.0	52.1
10°	138.9	128.9	120.8	113.9	107.9	100.4	91.0	80.4	70.7	61.6	52.7
7.5°	139.7	129.3	121.1	114.0	108.4	101.0	91.8	81.4	71.5	62.2	53.1
5°	140.2	129.5	121.3	114.4	108.6	101.5	92.4	82.1	72.1	62.5	53.4
2.5°	140.9	129.5	121.3	114.6	108.6	101.9	92.8	82.6	72.5	62.7	53.6
0°	141.1	129.3	121.1	114.7	108.4	102.0	92.9	82.9	72.8	62.8	53.7
-2.5°	140.9	129.5	121.3	114.6	108.6	101.9	92.8	82.6	72.5	62.7	53.6
-5°	140.2	129.5	121.3	114.4	108.6	101.5	92.4	82.1	72.1	62.5	53.4
-7.5°	139.7	129.3	121.1	114.0	108.4	101.0	91.8	81.4	71.5	62.2	53.1
-10°	138.9	128.9	120.8	113.9	107.9	100.4	91.0	80.4	70.7	61.6	52.7
-12.5°	137.7	128.2	120.2	113.5	107.4	99.7	90.1	79.6	69.9	61.0	52.1
-15°	136.3	127.1	119.4	113.0	106.7	98.7	89.0	78.7	69.2	60.3	51.5
-17.5°	134.5	125.6	118.4	112.2	105.8	97.5	87.6	77.6	68.3	59.5	50.7
-20°	132.8	124.2	117.1	111.1	104.8	96.0	86.0	76.3	67.3	58.6	50.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	130.8	122.8	116.0	109.8	103.4	94.3	84.2	74.8	66.1	57.6	49.1
-25°	128.5	121.1	114.5	108.4	101.3	92.1	82.3	73.2	64.8	56.4	48.0
-27.5°	126.2	119.1	112.8	106.8	99.0	89.6	80.2	71.5	63.3	55.1	46.9
-30°	123.6	117.0	110.8	104.7	96.8	87.2	78.0	69.7	61.7	53.7	45.7
-32.5°	120.2	114.6	108.6	102.1	94.1	84.6	75.7	67.7	59.9	52.1	44.3
-35°	116.8	111.6	106.0	99.6	91.0	81.9	73.4	65.5	58.0	50.4	42.7
-37.5°	113.2	108.4	103.3	96.5	87.6	79.0	70.9	63.3	56.0	48.7	41.0
-40°	109.7	105.1	100.2	92.6	84.1	75.8	68.3	61.0	53.8	46.8	39.2
-42.5°	106.1	101.6	95.9	88.5	80.4	72.7	65.5	58.6	51.6	44.6	37.3
-45°	102.3	97.5	91.3	84.0	76.5	69.4	62.6	56.0	49.2	42.3	35.4
-47.5°	98.1	92.9	86.5	79.5	72.6	65.9	59.6	53.2	46.7	39.8	33.4
-50°	93.5	88.0	81.6	74.9	68.4	62.5	56.5	50.2	43.8	37.3	31.3
-52.5°	88.1	82.7	76.3	70.0	64.3	59.0	53.0	47.0	40.9	34.8	29.2
-55°	82.2	76.8	70.7	65.1	60.0	55.0	49.3	43.6	37.8	32.3	27.0
-57.5°	75.5	70.2	65.0	60.1	55.3	50.6	45.5	40.1	34.8	29.7	24.7
-60°	68.6	63.8	59.2	54.8	50.3	46.0	41.5	36.5	31.7	27.0	22.4
-62.5°	61.5	57.3	53.2	49.1	45.3	41.4	37.4	32.9	28.4	24.2	20.0
-65°	54.3	50.7	47.0	43.7	40.3	36.8	33.2	29.1	25.3	21.4	17.6
-67.5°	47.2	44.2	41.2	38.2	35.2	32.0	28.8	25.5	22.1	18.6	15.4
-70°	40.4	37.8	35.3	32.7	30.0	27.3	24.8	21.9	18.8	16.0	13.1
-72.5°	33.8	31.7	29.5	27.2	25.1	22.9	20.7	18.4	15.9	13.3	10.8
-75°	27.6	25.8	23.9	22.1	20.3	18.5	16.9	15.0	12.9	10.7	8.8
-77.5°	21.5	20.0	18.5	17.2	16.0	14.7	13.3	11.7	9.9	8.4	6.8
-80°	16.0	15.0	14.0	13.0	12.0	10.8	9.7	8.6	7.3	6.1	4.9
-82.5°	11.1	10.4	9.6	8.8	8.0	7.2	6.4	5.5	4.6	3.8	3.2
-85°	6.2	5.7	5.2	4.7	4.1	3.6	3.3	3.0	2.8	2.5	2.2
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
-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-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
80°	3.8	3.1	2.5	1.9	1.2	0.6	0.0
77.5°	5.4	4.1	3.1	2.3	1.6	0.8	0.0
75°	7.0	5.4	3.8	2.8	1.9	0.9	0.0
72.5°	8.6	6.8	4.9	3.2	2.2	1.1	0.0
70°	10.3	8.1	5.9	3.8	2.5	1.2	0.0
67.5°	12.2	9.4	7.0	4.5	2.8	1.4	0.0
65°	14.2	10.8	8.0	5.3	3.0	1.5	0.0
62.5°	16.1	12.4	9.0	6.0	3.3	1.7	0.0
60°	18.0	14.0	10.0	6.8	3.6	1.8	0.0
57.5°	20.0	15.5	11.2	7.5	4.1	1.9	0.0
55°	21.9	17.0	12.3	8.2	4.5	2.1	0.0
52.5°	23.7	18.4	13.5	8.9	5.0	2.2	0.0
50°	25.5	19.9	14.6	9.5	5.4	2.3	0.0
47.5°	27.2	21.3	15.7	10.2	5.8	2.4	0.0
45°	28.9	22.7	16.7	11.0	6.2	2.5	0.0
42.5°	30.5	23.9	17.7	11.7	6.6	2.7	0.0
40°	32.1	25.1	18.7	12.4	7.0	2.8	0.0
37.5°	33.5	26.3	19.6	13.1	7.4	2.9	0.0
35°	34.9	27.4	20.4	13.7	7.7	2.9	0.0
32.5°	36.2	28.4	21.2	14.2	8.0	3.0	0.0
30°	37.4	29.4	22.0	14.8	8.3	3.1	0.0
27.5°	38.6	30.4	22.6	15.2	8.6	3.2	0.0
25°	39.6	31.2	23.2	15.6	8.8	3.3	0.0
22.5°	40.5	32.0	23.8	16.0	9.0	3.3	0.0
20°	41.3	32.6	24.3	16.4	9.2	3.4	0.0
17.5°	42.0	33.2	24.8	16.6	9.4	3.4	0.0
15°	42.7	33.7	25.2	16.9	9.6	3.5	0.0
12.5°	43.2	34.0	25.6	17.1	9.7	3.5	0.0
10°	43.7	34.3	25.9	17.2	9.8	3.5	0.0
7.5°	44.1	34.5	26.1	17.3	9.9	3.6	0.0
5°	44.4	34.6	26.3	17.3	10.0	3.6	0.0
2.5°	44.5	34.7	26.4	17.3	10.0	3.6	0.0
0°	44.6	34.6	26.4	17.3	10.0	3.6	0.0
-2.5°	44.5	34.7	26.4	17.3	10.0	3.6	0.0
-5°	44.4	34.6	26.3	17.3	10.0	3.6	0.0
-7.5°	44.1	34.5	26.1	17.3	9.9	3.6	0.0
-10°	43.7	34.3	25.9	17.2	9.8	3.5	0.0
-12.5°	43.2	34.0	25.6	17.1	9.7	3.5	0.0
-15°	42.7	33.7	25.2	16.9	9.6	3.5	0.0
-17.5°	42.0	33.2	24.8	16.6	9.4	3.4	0.0
-20°	41.3	32.6	24.3	16.4	9.2	3.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40.5	32.0	23.8	16.0	9.0	3.3	0.0
-25°	39.6	31.2	23.2	15.6	8.8	3.3	0.0
-27.5°	38.6	30.4	22.6	15.2	8.6	3.2	0.0
-30°	37.4	29.4	22.0	14.8	8.3	3.1	0.0
-32.5°	36.2	28.4	21.2	14.2	8.0	3.0	0.0
-35°	34.9	27.4	20.4	13.7	7.7	2.9	0.0
-37.5°	33.5	26.3	19.6	13.1	7.4	2.9	0.0
-40°	32.1	25.1	18.7	12.4	7.0	2.8	0.0
-42.5°	30.5	23.9	17.7	11.7	6.6	2.7	0.0
-45°	28.9	22.7	16.7	11.0	6.2	2.5	0.0
-47.5°	27.2	21.3	15.7	10.2	5.8	2.4	0.0
-50°	25.5	19.9	14.6	9.5	5.4	2.3	0.0
-52.5°	23.7	18.4	13.5	8.9	5.0	2.2	0.0
-55°	21.9	17.0	12.3	8.2	4.5	2.1	0.0
-57.5°	20.0	15.5	11.2	7.5	4.1	1.9	0.0
-60°	18.0	14.0	10.0	6.8	3.6	1.8	0.0
-62.5°	16.1	12.4	9.0	6.0	3.3	1.7	0.0
-65°	14.2	10.8	8.0	5.3	3.0	1.5	0.0
-67.5°	12.2	9.4	7.0	4.5	2.8	1.4	0.0
-70°	10.3	8.1	5.9	3.8	2.5	1.2	0.0
-72.5°	8.6	6.8	4.9	3.2	2.2	1.1	0.0
-75°	7.0	5.4	3.8	2.8	1.9	0.9	0.0
-77.5°	5.4	4.1	3.1	2.3	1.6	0.8	0.0
-80°	3.8	3.1	2.5	1.9	1.2	0.6	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)