

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: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-735-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N22
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

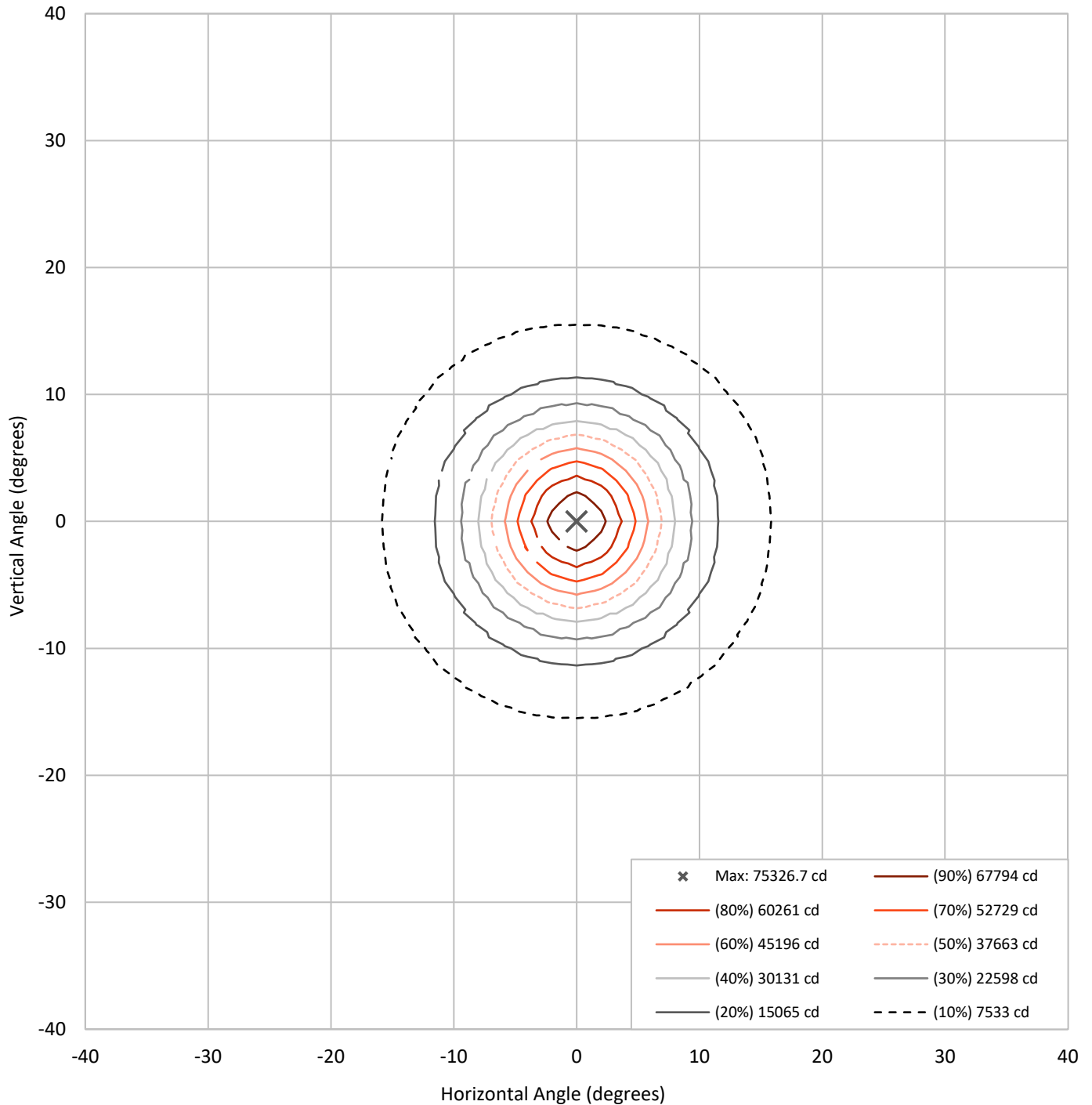
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7998.6 lumens	Max Intensity:	75326.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2364.8 lumens	Field Lumens:	5321.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	66.2		
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





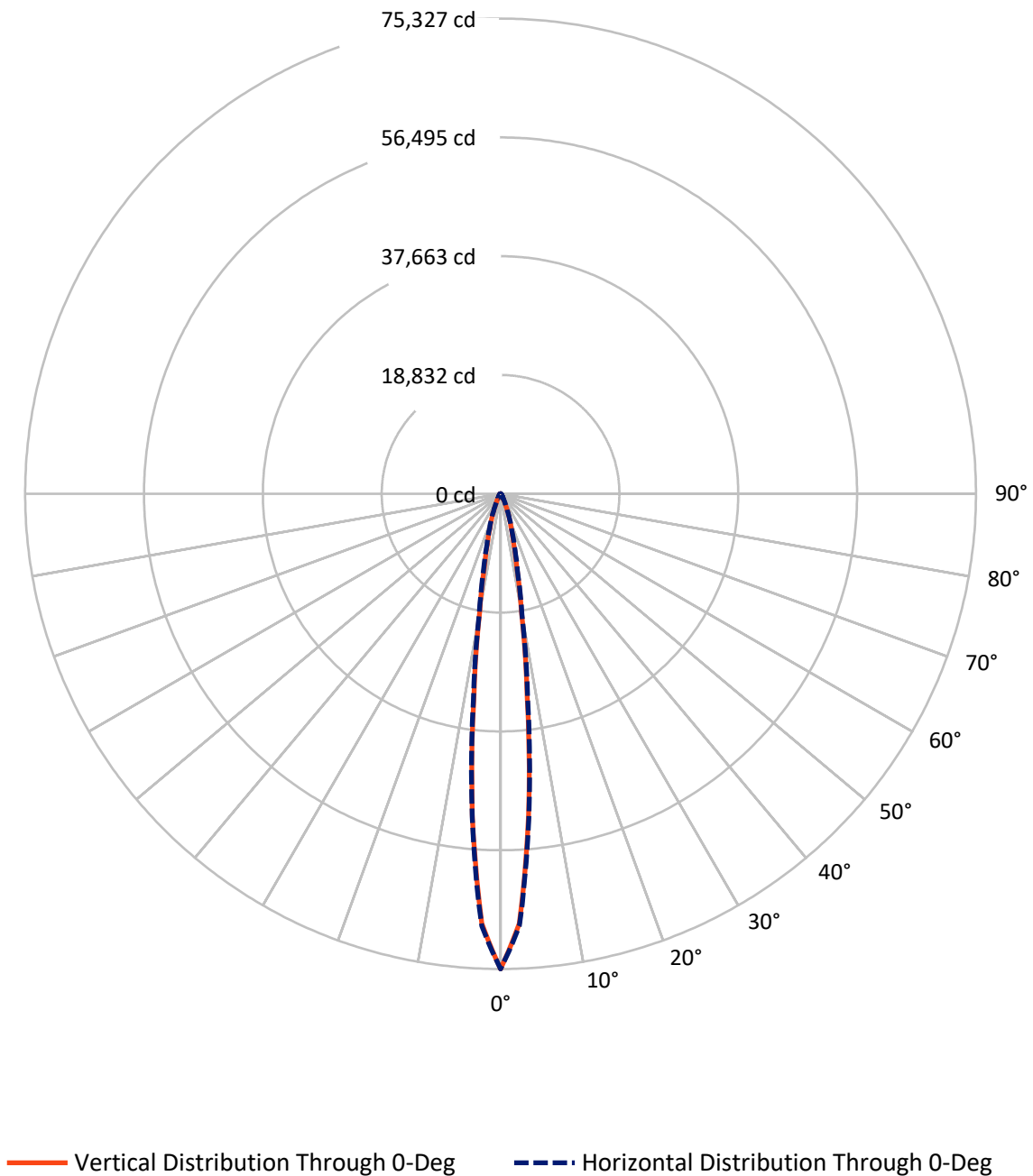
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Lumen Table

90	0.1	1.1		2.9		4.7		5.1		4.7		2.9		1.1		0.1
80	0.1	1.1		2.9		4.7		5.1		4.7		2.9		1.1		0.1
70	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
60		0.9	1.7	2.8	3.8	4.6	5.2	5.4	5.4	5.2	4.6	3.8	2.8	1.7	0.9	
50	0.9	1.1	2.2	3.5	4.6	5.8	6.8	7.4	7.4	6.8	5.8	4.6	3.5	2.2	1.1	0.9
40		1.3	2.6	4.0	5.7	8.2	11.5	14.3	14.3	11.5	8.2	5.7	4.0	2.6	1.3	
30	1.1	1.5	2.9	4.5	7.4	14.6	33.3	55.1	55.1	33.3	14.6	7.4	4.5	2.9	1.5	1.1
20		1.6	3.0	5.0	9.8	31.0	110.2	237.3	237.3	110.2	31.0	9.8	5.0	3.0	1.6	
10	1.2	1.7	3.1	5.3	11.8	51.1	239.5	1034.8	1034.8	239.5	51.1	11.8	5.3	3.1	1.7	1.2
0		1.7	3.1	5.3	11.8	51.1	239.5	1034.8	1034.8	239.5	51.1	11.8	5.3	3.1	1.7	
-10	1.1	1.6	3.0	5.0	9.8	31.0	110.2	237.3	237.3	110.2	31.0	9.8	5.0	3.0	1.6	1.1
-20		1.5	2.9	4.5	7.4	14.6	33.3	55.1	55.1	33.3	14.6	7.4	4.5	2.9	1.5	
-30	0.9	1.3	2.6	4.0	5.7	8.2	11.5	14.3	14.3	11.5	8.2	5.7	4.0	2.6	1.3	0.9
-40		1.1	2.2	3.5	4.6	5.8	6.8	7.4	7.4	6.8	5.8	4.6	3.5	2.2	1.1	
-50	0.5	0.9	1.7	2.8	3.8	4.6	5.2	5.4	5.4	5.2	4.6	3.8	2.8	1.7	0.9	0.5
-60		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	
-70	0.1	1.1		2.9		4.7		5.1		4.7		2.9		1.1		0.1
-80		1.1		2.9		4.7		5.1		4.7		2.9		1.1		
-90	0.1	1.1		2.9		4.7		5.1		4.7		2.9		1.1		0.1

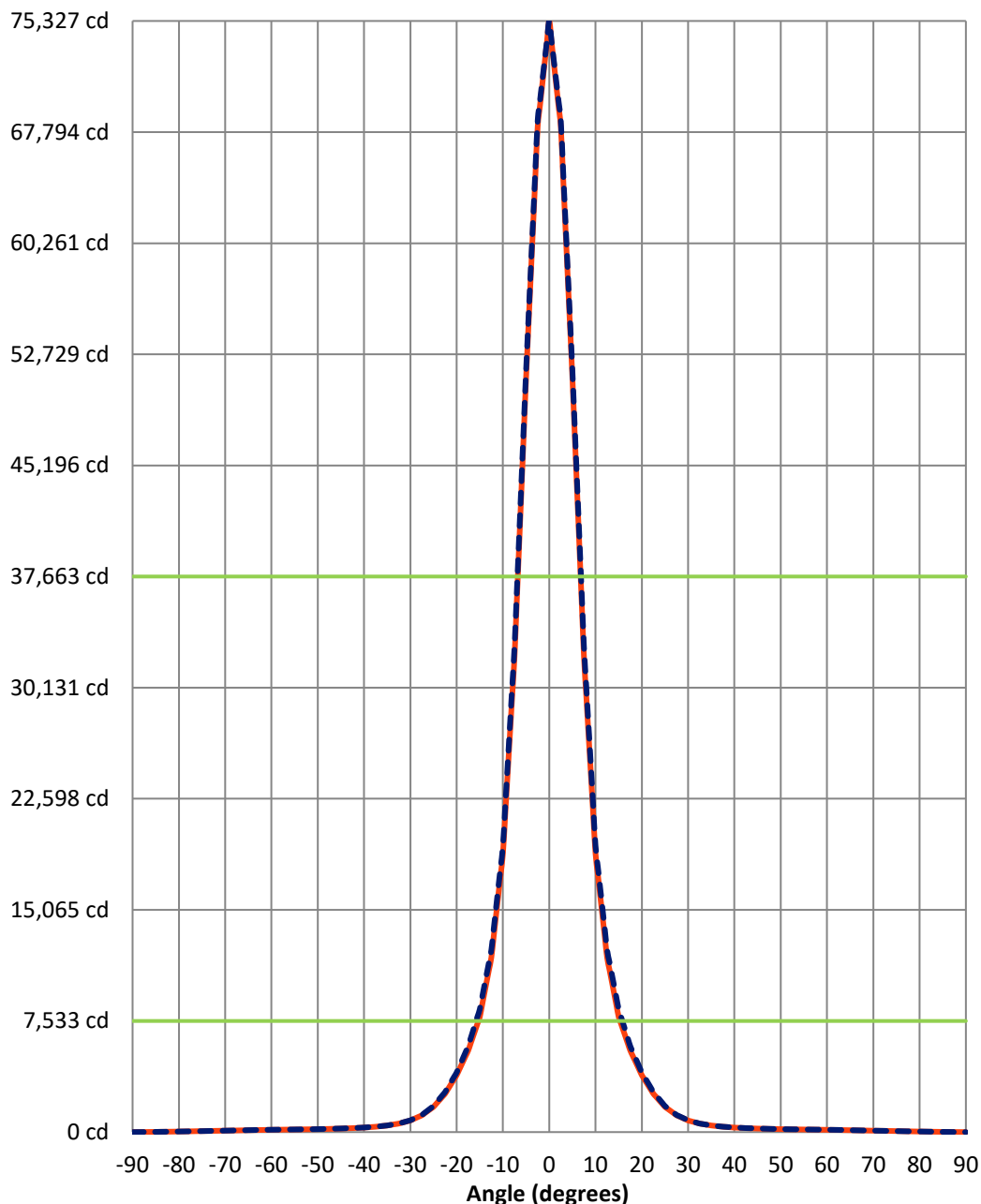
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2364.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 5321.8
 Efficiency: 66.5%

Spill:
 Lumens: 2676.8
 Efficiency: 33.5%

— 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	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.7	7.9	9.0
80°	0.0	1.0	2.2	3.4	4.5	5.6	6.8	8.4	10.0	11.5	13.1
77.5°	0.0	1.2	2.8	4.2	5.6	7.2	9.2	11.2	13.2	15.1	17.2
75°	0.0	1.5	3.3	5.0	6.8	9.1	11.6	14.0	16.5	19.2	21.9
72.5°	0.0	1.7	3.9	5.8	8.2	11.0	14.0	16.9	20.2	23.4	26.5
70°	0.0	1.9	4.4	6.7	9.7	12.8	16.3	20.2	23.9	27.5	31.6
67.5°	0.0	2.1	4.9	7.7	11.0	14.7	19.0	23.4	27.5	32.2	36.7
65°	0.0	2.4	5.4	8.7	12.4	16.6	21.7	26.5	31.6	36.7	42.1
62.5°	0.0	2.6	5.8	9.7	13.7	18.8	24.3	29.9	35.6	41.4	48.2
60°	0.0	2.8	6.3	10.6	15.0	20.9	26.8	33.3	39.5	46.6	54.1
57.5°	0.0	3.0	6.8	11.5	16.7	23.0	29.6	36.7	43.8	51.7	59.8
55°	0.0	3.2	7.4	12.4	18.3	25.0	32.3	39.9	48.1	56.6	65.3
52.5°	0.0	3.3	8.0	13.2	19.8	27.0	35.0	43.3	52.2	61.2	70.5
50°	0.0	3.5	8.5	14.0	21.3	29.1	37.6	46.8	56.2	65.7	75.6
47.5°	0.0	3.7	9.0	14.9	22.7	31.2	40.1	50.0	59.9	69.9	80.5
45°	0.0	3.8	9.5	15.9	24.1	33.2	42.8	53.2	63.5	74.3	85.4
42.5°	0.0	4.0	10.0	16.9	25.4	35.0	45.4	56.2	66.9	78.5	90.1
40°	0.0	4.1	10.5	17.8	26.8	36.8	47.8	59.1	70.3	82.6	94.6
37.5°	0.0	4.2	10.9	18.8	28.1	38.5	50.2	61.8	73.7	86.4	99.1
35°	0.0	4.3	11.3	19.6	29.4	40.3	52.4	64.3	76.8	90.0	103.3
32.5°	0.0	4.4	11.7	20.5	30.6	42.0	54.4	66.7	79.7	93.3	107.0
30°	0.0	4.5	12.1	21.2	31.7	43.6	56.3	69.0	82.3	96.4	110.4
27.5°	0.0	4.6	12.5	22.0	32.8	45.1	58.1	71.1	84.8	99.3	113.4
25°	0.0	4.7	12.8	22.6	33.8	46.4	59.7	73.1	87.1	101.8	116.1
22.5°	0.0	4.7	13.1	23.2	34.7	47.6	61.2	74.8	89.2	104.0	118.4
20°	0.0	4.8	13.4	23.7	35.6	48.7	62.5	76.3	91.0	105.9	120.5
17.5°	0.0	4.8	13.6	24.2	36.3	49.6	63.6	77.6	92.6	107.5	122.4
15°	0.0	4.8	13.9	24.6	36.9	50.3	64.4	78.7	94.0	108.8	124.0
12.5°	0.0	4.9	14.1	25.0	37.5	50.9	65.1	79.8	95.1	109.8	125.3
10°	0.0	4.9	14.2	25.3	37.9	51.3	65.7	80.6	96.0	110.9	126.6
7.5°	0.0	4.9	14.3	25.5	38.3	51.6	66.1	81.4	96.6	111.8	128.1
5°	0.0	4.9	14.4	25.7	38.5	51.7	66.3	81.9	96.9	112.4	129.3
2.5°	0.0	4.8	14.5	25.8	38.7	51.7	66.3	82.2	97.0	112.9	130.2
0°	0.0	4.8	14.5	25.8	38.7	51.6	66.2	82.3	96.8	113.0	130.7
-2.5°	0.0	4.8	14.5	25.8	38.7	51.7	66.3	82.2	97.0	112.9	130.2
-5°	0.0	4.9	14.4	25.7	38.5	51.7	66.3	81.9	96.9	112.4	129.3
-7.5°	0.0	4.9	14.3	25.5	38.3	51.6	66.1	81.4	96.6	111.8	128.1
-10°	0.0	4.9	14.2	25.3	37.9	51.3	65.7	80.6	96.0	110.9	126.6
-12.5°	0.0	4.9	14.1	25.0	37.5	50.9	65.1	79.8	95.1	109.8	125.3
-15°	0.0	4.8	13.9	24.6	36.9	50.3	64.4	78.7	94.0	108.8	124.0
-17.5°	0.0	4.8	13.6	24.2	36.3	49.6	63.6	77.6	92.6	107.5	122.4
-20°	0.0	4.8	13.4	23.7	35.6	48.7	62.5	76.3	91.0	105.9	120.5

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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	4.7	13.1	23.2	34.7	47.6	61.2	74.8	89.2	104.0	118.4
-25°	0.0	4.7	12.8	22.6	33.8	46.4	59.7	73.1	87.1	101.8	116.1
-27.5°	0.0	4.6	12.5	22.0	32.8	45.1	58.1	71.1	84.8	99.3	113.4
-30°	0.0	4.5	12.1	21.2	31.7	43.6	56.3	69.0	82.3	96.4	110.4
-32.5°	0.0	4.4	11.7	20.5	30.6	42.0	54.4	66.7	79.7	93.3	107.0
-35°	0.0	4.3	11.3	19.6	29.4	40.3	52.4	64.3	76.8	90.0	103.3
-37.5°	0.0	4.2	10.9	18.8	28.1	38.5	50.2	61.8	73.7	86.4	99.1
-40°	0.0	4.1	10.5	17.8	26.8	36.8	47.8	59.1	70.3	82.6	94.6
-42.5°	0.0	4.0	10.0	16.9	25.4	35.0	45.4	56.2	66.9	78.5	90.1
-45°	0.0	3.8	9.5	15.9	24.1	33.2	42.8	53.2	63.5	74.3	85.4
-47.5°	0.0	3.7	9.0	14.9	22.7	31.2	40.1	50.0	59.9	69.9	80.5
-50°	0.0	3.5	8.5	14.0	21.3	29.1	37.6	46.8	56.2	65.7	75.6
-52.5°	0.0	3.3	8.0	13.2	19.8	27.0	35.0	43.3	52.2	61.2	70.5
-55°	0.0	3.2	7.4	12.4	18.3	25.0	32.3	39.9	48.1	56.6	65.3
-57.5°	0.0	3.0	6.8	11.5	16.7	23.0	29.6	36.7	43.8	51.7	59.8
-60°	0.0	2.8	6.3	10.6	15.0	20.9	26.8	33.3	39.5	46.6	54.1
-62.5°	0.0	2.6	5.8	9.7	13.7	18.8	24.3	29.9	35.6	41.4	48.2
-65°	0.0	2.4	5.4	8.7	12.4	16.6	21.7	26.5	31.6	36.7	42.1
-67.5°	0.0	2.1	4.9	7.7	11.0	14.7	19.0	23.4	27.5	32.2	36.7
-70°	0.0	1.9	4.4	6.7	9.7	12.8	16.3	20.2	23.9	27.5	31.6
-72.5°	0.0	1.7	3.9	5.8	8.2	11.0	14.0	16.9	20.2	23.4	26.5
-75°	0.0	1.5	3.3	5.0	6.8	9.1	11.6	14.0	16.5	19.2	21.9
-77.5°	0.0	1.2	2.8	4.2	5.6	7.2	9.2	11.2	13.2	15.1	17.2
-80°	0.0	1.0	2.2	3.4	4.5	5.6	6.8	8.4	10.0	11.5	13.1
-82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.7	7.9	9.0
-85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.2	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
85°	6.0	6.5	7.2	7.9	8.5	9.0	9.4	9.8	10.5	11.2	11.9
82.5°	10.2	11.3	12.3	13.4	14.1	14.7	15.2	16.1	17.5	18.8	20.1
80°	14.6	16.0	17.7	19.3	20.7	22.1	23.6	25.1	26.7	28.1	29.6
77.5°	19.4	21.6	23.7	25.7	27.8	30.0	32.1	34.1	36.1	37.9	39.7
75°	24.5	27.1	29.9	32.8	35.5	38.1	40.7	43.5	46.1	48.7	51.1
72.5°	29.9	33.3	36.7	39.9	43.5	47.0	50.4	53.6	56.7	60.0	63.5
70°	35.6	39.5	43.9	48.1	52.1	56.2	60.4	63.9	67.3	71.8	76.5
67.5°	41.4	46.8	51.7	56.5	61.7	66.6	70.8	75.4	80.2	85.4	90.0
65°	48.4	54.2	59.9	65.9	72.0	77.0	82.4	88.0	93.4	98.6	103.6
62.5°	55.2	61.7	68.3	74.8	81.1	87.2	93.6	99.8	105.8	111.9	117.3
60°	61.8	69.2	76.2	83.0	90.1	97.6	104.7	111.6	118.8	125.7	129.3
57.5°	68.1	76.0	83.4	91.0	99.3	107.8	115.3	123.1	129.3	134.1	138.7
55°	74.1	82.4	90.4	98.9	108.0	116.9	125.1	132.1	137.8	142.2	147.1
52.5°	79.7	88.4	97.1	106.5	116.1	125.5	134.2	140.7	145.8	150.3	155.0
50°	85.2	94.3	103.5	113.8	124.1	134.1	142.6	148.6	153.4	158.0	162.8
47.5°	90.6	100.2	110.0	121.0	132.2	141.9	149.9	155.4	160.3	165.7	170.9
45°	95.9	106.2	116.7	128.5	139.7	149.0	155.9	161.4	167.4	173.2	178.8
42.5°	101.1	112.2	123.6	135.8	146.6	155.0	161.4	167.9	174.4	180.6	186.9
40°	106.3	117.9	130.0	142.2	153.0	160.3	167.1	174.0	181.2	188.0	194.9
37.5°	111.3	123.4	135.8	148.0	157.9	165.3	172.3	180.0	187.6	195.0	204.0
35°	116.0	128.3	140.8	152.7	162.2	169.8	177.7	185.8	193.7	203.2	213.6
32.5°	120.3	132.7	145.4	156.5	165.8	174.0	182.8	191.3	200.8	211.6	224.0
30°	123.8	136.6	149.3	160.1	169.2	177.9	187.5	196.8	207.9	220.9	235.7
27.5°	127.0	140.0	152.5	163.3	172.5	181.2	191.2	203.0	215.8	230.3	247.7
25°	129.9	143.6	155.4	166.1	175.1	184.2	194.9	208.0	223.4	240.9	262.1
22.5°	132.7	147.0	158.4	168.8	177.1	186.9	199.0	213.3	230.0	250.5	276.3
20°	135.4	149.5	160.8	171.0	178.7	189.4	202.7	217.9	236.9	261.3	291.2
17.5°	137.8	151.6	162.6	172.2	180.7	191.9	205.9	221.6	242.9	271.2	304.9
15°	140.0	153.4	164.1	173.2	182.5	194.7	209.3	226.3	249.5	280.5	317.1
12.5°	142.0	154.9	165.3	174.0	183.9	196.9	212.2	231.1	256.6	289.8	332.4
10°	143.7	156.0	166.1	174.6	185.0	198.6	214.7	235.1	262.3	296.9	344.2
7.5°	145.1	156.9	166.6	174.9	185.7	199.7	216.7	238.1	266.2	302.0	352.8
5°	146.1	157.6	167.3	175.9	186.8	200.7	218.1	240.1	268.5	305.0	358.1
2.5°	146.7	158.1	167.7	176.8	188.0	201.5	219.1	242.4	270.4	308.0	362.1
0°	146.9	158.2	167.8	177.5	188.8	201.7	219.5	243.7	271.1	309.9	364.7
-2.5°	146.7	158.1	167.7	176.8	188.0	201.5	219.1	242.4	270.4	308.0	362.1
-5°	146.1	157.6	167.3	175.9	186.8	200.7	218.1	240.1	268.5	305.0	358.1
-7.5°	145.1	156.9	166.6	174.9	185.7	199.7	216.7	238.1	266.2	302.0	352.8
-10°	143.7	156.0	166.1	174.6	185.0	198.6	214.7	235.1	262.3	296.9	344.2
-12.5°	142.0	154.9	165.3	174.0	183.9	196.9	212.2	231.1	256.6	289.8	332.4
-15°	140.0	153.4	164.1	173.2	182.5	194.7	209.3	226.3	249.5	280.5	317.1
-17.5°	137.8	151.6	162.6	172.2	180.7	191.9	205.9	221.6	242.9	271.2	304.9
-20°	135.4	149.5	160.8	171.0	178.7	189.4	202.7	217.9	236.9	261.3	291.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	132.7	147.0	158.4	168.8	177.1	186.9	199.0	213.3	230.0	250.5	276.3
-25°	129.9	143.6	155.4	166.1	175.1	184.2	194.9	208.0	223.4	240.9	262.1
-27.5°	127.0	140.0	152.5	163.3	172.5	181.2	191.2	203.0	215.8	230.3	247.7
-30°	123.8	136.6	149.3	160.1	169.2	177.9	187.5	196.8	207.9	220.9	235.7
-32.5°	120.3	132.7	145.4	156.5	165.8	174.0	182.8	191.3	200.8	211.6	224.0
-35°	116.0	128.3	140.8	152.7	162.2	169.8	177.7	185.8	193.7	203.2	213.6
-37.5°	111.3	123.4	135.8	148.0	157.9	165.3	172.3	180.0	187.6	195.0	204.0
-40°	106.3	117.9	130.0	142.2	153.0	160.3	167.1	174.0	181.2	188.0	194.9
-42.5°	101.1	112.2	123.6	135.8	146.6	155.0	161.4	167.9	174.4	180.6	186.9
-45°	95.9	106.2	116.7	128.5	139.7	149.0	155.9	161.4	167.4	173.2	178.8
-47.5°	90.6	100.2	110.0	121.0	132.2	141.9	149.9	155.4	160.3	165.7	170.9
-50°	85.2	94.3	103.5	113.8	124.1	134.1	142.6	148.6	153.4	158.0	162.8
-52.5°	79.7	88.4	97.1	106.5	116.1	125.5	134.2	140.7	145.8	150.3	155.0
-55°	74.1	82.4	90.4	98.9	108.0	116.9	125.1	132.1	137.8	142.2	147.1
-57.5°	68.1	76.0	83.4	91.0	99.3	107.8	115.3	123.1	129.3	134.1	138.7
-60°	61.8	69.2	76.2	83.0	90.1	97.6	104.7	111.6	118.8	125.7	129.3
-62.5°	55.2	61.7	68.3	74.8	81.1	87.2	93.6	99.8	105.8	111.9	117.3
-65°	48.4	54.2	59.9	65.9	72.0	77.0	82.4	88.0	93.4	98.6	103.6
-67.5°	41.4	46.8	51.7	56.5	61.7	66.6	70.8	75.4	80.2	85.4	90.0
-70°	35.6	39.5	43.9	48.1	52.1	56.2	60.4	63.9	67.3	71.8	76.5
-72.5°	29.9	33.3	36.7	39.9	43.5	47.0	50.4	53.6	56.7	60.0	63.5
-75°	24.5	27.1	29.9	32.8	35.5	38.1	40.7	43.5	46.1	48.7	51.1
-77.5°	19.4	21.6	23.7	25.7	27.8	30.0	32.1	34.1	36.1	37.9	39.7
-80°	14.6	16.0	17.7	19.3	20.7	22.1	23.6	25.1	26.7	28.1	29.6
-82.5°	10.2	11.3	12.3	13.4	14.1	14.7	15.2	16.1	17.5	18.8	20.1
-85°	6.0	6.5	7.2	7.9	8.5	9.0	9.4	9.8	10.5	11.2	11.9
-87.5°	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-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: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-NR-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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.9	5.6
85°	12.6	13.1	13.5	13.9	14.3	14.6	14.9	15.2	15.4	15.2	15.0
82.5°	21.2	22.1	22.8	23.6	24.2	24.8	25.3	25.8	26.2	26.2	26.1
80°	30.9	32.3	33.7	35.1	36.4	37.3	37.8	38.3	38.6	38.7	38.7
77.5°	41.5	43.7	46.0	48.2	50.3	51.6	52.4	53.2	53.8	53.9	53.8
75°	53.4	56.2	59.2	61.8	64.1	65.6	66.5	67.4	68.1	68.2	68.2
72.5°	67.1	70.5	73.2	75.5	77.4	78.9	80.2	81.2	82.1	82.4	82.5
70°	80.6	83.9	86.6	88.9	90.8	92.3	93.8	95.1	96.1	96.9	97.4
67.5°	94.2	98.1	100.7	102.8	104.4	106.1	108.1	109.8	111.2	112.2	112.6
65°	108.2	112.2	114.8	117.1	119.0	121.1	123.3	124.9	126.0	126.6	127.1
62.5°	121.9	125.6	128.8	131.8	134.7	137.1	138.6	139.9	141.0	142.0	142.7
60°	133.5	138.2	141.8	144.7	147.5	150.3	152.1	153.6	154.7	155.6	156.1
57.5°	143.5	148.3	152.5	155.3	158.4	161.6	163.8	165.0	166.1	167.1	167.5
55°	152.2	156.6	160.5	164.3	167.8	170.7	173.0	174.6	176.0	177.2	177.5
52.5°	160.0	164.8	169.4	173.5	176.9	179.7	181.9	184.0	185.5	186.6	187.0
50°	168.2	173.4	178.4	182.8	186.3	189.4	192.2	194.6	196.9	198.8	200.1
47.5°	176.3	181.9	187.3	192.2	196.4	200.9	205.0	208.4	211.8	214.5	216.4
45°	184.5	190.9	196.8	203.1	208.7	214.7	220.2	224.9	229.8	233.6	236.1
42.5°	193.5	200.8	207.9	215.8	223.5	231.2	239.6	247.1	252.9	258.3	262.7
40°	203.2	211.6	220.9	230.5	241.8	252.1	263.3	273.0	281.7	291.0	298.3
37.5°	213.6	224.0	236.3	249.1	263.7	277.7	292.4	306.9	319.6	334.4	345.8
35°	225.1	239.0	254.1	271.4	289.6	309.7	329.8	353.1	373.1	395.1	414.3
32.5°	238.6	255.2	275.0	297.9	321.3	351.8	380.2	417.3	449.2	484.2	519.4
30°	252.6	274.2	299.8	328.7	365.8	407.7	454.4	509.5	566.2	621.2	687.4
27.5°	269.8	296.0	327.0	369.1	423.8	480.4	560.7	643.4	747.7	834.0	955.7
25°	287.7	318.6	362.6	420.0	491.3	589.5	711.4	843.5	1027.1	1188.4	1377.5
22.5°	307.3	348.9	403.6	474.5	582.6	733.5	918.0	1166.7	1437.4	1724.9	2010.9
20°	327.7	378.0	449.7	552.4	700.8	905.1	1221.9	1605.7	1992.6	2466.9	2887.0
17.5°	351.2	415.2	503.7	632.1	830.1	1143.1	1582.5	2118.5	2718.6	3400.6	4006.2
15°	370.9	447.2	558.8	738.5	1010.9	1412.8	1967.0	2704.2	3606.0	4522.0	5451.3
12.5°	393.6	481.9	613.0	827.3	1169.4	1703.6	2457.9	3391.0	4517.3	5787.8	7285.5
10°	413.9	516.0	679.0	944.2	1362.3	2006.8	2922.2	4044.9	5498.3	7326.3	9645.7
7.5°	428.9	543.2	729.9	1033.3	1529.1	2298.3	3361.0	4760.9	6607.8	9021.6	12204.8
5°	438.6	562.9	766.0	1102.0	1659.7	2515.3	3682.5	5268.7	7496.9	10910.8	16301.0
2.5°	444.4	574.5	786.5	1142.3	1739.1	2659.0	3927.2	5652.7	8073.1	12078.3	18935.7
0°	447.0	577.8	798.9	1163.6	1765.6	2714.6	4039.6	5827.8	8330.9	12351.1	19399.0
-2.5°	444.4	574.5	786.5	1142.3	1739.1	2659.0	3927.2	5652.7	8073.1	12078.3	18935.7
-5°	438.6	562.9	766.0	1102.0	1659.7	2515.3	3682.5	5268.7	7496.9	10910.8	16301.0
-7.5°	428.9	543.2	729.9	1033.3	1529.1	2298.3	3361.0	4760.9	6607.8	9021.6	12204.8
-10°	413.9	516.0	679.0	944.2	1362.3	2006.8	2922.2	4044.9	5498.3	7326.3	9645.7
-12.5°	393.6	481.9	613.0	827.3	1169.4	1703.6	2457.9	3391.0	4517.3	5787.8	7285.5
-15°	370.9	447.2	558.8	738.5	1010.9	1412.8	1967.0	2704.2	3606.0	4522.0	5451.3
-17.5°	351.2	415.2	503.7	632.1	830.1	1143.1	1582.5	2118.5	2718.6	3400.6	4006.2
-20°	327.7	378.0	449.7	552.4	700.8	905.1	1221.9	1605.7	1992.6	2466.9	2887.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	307.3	348.9	403.6	474.5	582.6	733.5	918.0	1166.7	1437.4	1724.9	2010.9
-25°	287.7	318.6	362.6	420.0	491.3	589.5	711.4	843.5	1027.1	1188.4	1377.5
-27.5°	269.8	296.0	327.0	369.1	423.8	480.4	560.7	643.4	747.7	834.0	955.7
-30°	252.6	274.2	299.8	328.7	365.8	407.7	454.4	509.5	566.2	621.2	687.4
-32.5°	238.6	255.2	275.0	297.9	321.3	351.8	380.2	417.3	449.2	484.2	519.4
-35°	225.1	239.0	254.1	271.4	289.6	309.7	329.8	353.1	373.1	395.1	414.3
-37.5°	213.6	224.0	236.3	249.1	263.7	277.7	292.4	306.9	319.6	334.4	345.8
-40°	203.2	211.6	220.9	230.5	241.8	252.1	263.3	273.0	281.7	291.0	298.3
-42.5°	193.5	200.8	207.9	215.8	223.5	231.2	239.6	247.1	252.9	258.3	262.7
-45°	184.5	190.9	196.8	203.1	208.7	214.7	220.2	224.9	229.8	233.6	236.1
-47.5°	176.3	181.9	187.3	192.2	196.4	200.9	205.0	208.4	211.8	214.5	216.4
-50°	168.2	173.4	178.4	182.8	186.3	189.4	192.2	194.6	196.9	198.8	200.1
-52.5°	160.0	164.8	169.4	173.5	176.9	179.7	181.9	184.0	185.5	186.6	187.0
-55°	152.2	156.6	160.5	164.3	167.8	170.7	173.0	174.6	176.0	177.2	177.5
-57.5°	143.5	148.3	152.5	155.3	158.4	161.6	163.8	165.0	166.1	167.1	167.5
-60°	133.5	138.2	141.8	144.7	147.5	150.3	152.1	153.6	154.7	155.6	156.1
-62.5°	121.9	125.6	128.8	131.8	134.7	137.1	138.6	139.9	141.0	142.0	142.7
-65°	108.2	112.2	114.8	117.1	119.0	121.1	123.3	124.9	126.0	126.6	127.1
-67.5°	94.2	98.1	100.7	102.8	104.4	106.1	108.1	109.8	111.2	112.2	112.6
-70°	80.6	83.9	86.6	88.9	90.8	92.3	93.8	95.1	96.1	96.9	97.4
-72.5°	67.1	70.5	73.2	75.5	77.4	78.9	80.2	81.2	82.1	82.4	82.5
-75°	53.4	56.2	59.2	61.8	64.1	65.6	66.5	67.4	68.1	68.2	68.2
-77.5°	41.5	43.7	46.0	48.2	50.3	51.6	52.4	53.2	53.8	53.9	53.8
-80°	30.9	32.3	33.7	35.1	36.4	37.3	37.8	38.3	38.6	38.7	38.7
-82.5°	21.2	22.1	22.8	23.6	24.2	24.8	25.3	25.8	26.2	26.2	26.1
-85°	12.6	13.1	13.5	13.9	14.3	14.6	14.9	15.2	15.4	15.2	15.0
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.9	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-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°	5.2	4.8	4.8	4.8	4.8	4.8	5.2	5.6	5.9	6.3	6.2
85°	14.7	14.4	14.5	14.5	14.5	14.4	14.7	15.0	15.2	15.4	15.2
82.5°	25.9	25.7	25.8	25.8	25.8	25.7	25.9	26.1	26.2	26.2	25.8
80°	38.7	38.5	37.9	37.1	37.9	38.5	38.7	38.7	38.7	38.6	38.3
77.5°	53.5	53.1	52.4	51.6	52.4	53.1	53.5	53.8	53.9	53.8	53.2
75°	67.9	67.5	67.7	67.8	67.7	67.5	67.9	68.2	68.2	68.1	67.4
72.5°	82.3	82.0	82.2	82.3	82.2	82.0	82.3	82.5	82.4	82.1	81.2
70°	97.8	97.9	97.5	96.8	97.5	97.9	97.8	97.4	96.9	96.1	95.1
67.5°	112.8	112.6	112.1	111.4	112.1	112.6	112.8	112.6	112.2	111.2	109.8
65°	127.2	127.1	127.3	127.5	127.3	127.1	127.2	127.1	126.6	126.0	124.9
62.5°	143.1	143.1	142.7	142.0	142.7	143.1	143.1	142.7	142.0	141.0	139.9
60°	156.2	156.1	155.7	154.9	155.7	156.1	156.2	156.1	155.6	154.7	153.6
57.5°	167.7	167.5	167.0	166.2	167.0	167.5	167.7	167.5	167.1	166.1	165.0
55°	177.5	177.3	176.7	175.9	176.7	177.3	177.5	177.5	177.2	176.0	174.6
52.5°	187.2	187.0	187.0	187.2	187.0	187.0	187.2	187.0	186.6	185.5	184.0
50°	200.9	201.1	200.9	200.1	200.9	201.1	200.9	200.1	198.8	196.9	194.6
47.5°	217.3	217.4	217.1	216.3	217.1	217.4	217.3	216.4	214.5	211.8	208.4
45°	238.0	239.2	239.5	238.9	239.5	239.2	238.0	236.1	233.6	229.8	224.9
42.5°	266.1	267.9	268.4	267.9	268.4	267.9	266.1	262.7	258.3	252.9	247.1
40°	302.8	304.9	305.3	305.0	305.3	304.9	302.8	298.3	291.0	281.7	273.0
37.5°	353.7	358.8	361.2	361.5	361.2	358.8	353.7	345.8	334.4	319.6	306.9
35°	428.9	439.0	444.4	447.0	444.4	439.0	428.9	414.3	395.1	373.1	353.1
32.5°	546.0	566.3	577.5	576.2	577.5	566.3	546.0	519.4	484.2	449.2	417.3
30°	737.4	772.8	790.7	786.0	790.7	772.8	737.4	687.4	621.2	566.2	509.5
27.5°	1043.1	1107.2	1144.3	1139.4	1144.3	1107.2	1043.1	955.7	834.0	747.7	643.4
25°	1535.7	1652.7	1727.7	1709.1	1727.7	1652.7	1535.7	1377.5	1188.4	1027.1	843.5
22.5°	2285.0	2483.3	2614.6	2598.4	2614.6	2483.3	2285.0	2010.9	1724.9	1437.4	1166.7
20°	3312.9	3614.7	3830.3	3858.8	3830.3	3614.7	3312.9	2887.0	2466.9	1992.6	1605.7
17.5°	4660.3	5138.8	5472.0	5527.6	5472.0	5138.8	4660.3	4006.2	3400.6	2718.6	2118.5
15°	6411.3	7193.6	7759.7	7806.4	7759.7	7193.6	6411.3	5451.3	4522.0	3606.0	2704.2
12.5°	8789.0	10362.3	11389.0	11841.1	11389.0	10362.3	8789.0	7285.5	5787.8	4517.3	3391.0
10°	12079.6	15693.4	18007.7	18877.7	18007.7	15693.4	12079.6	9645.7	7326.3	5498.3	4044.9
7.5°	17576.0	23249.6	29557.2	32245.5	29557.2	23249.6	17576.0	12204.8	9021.6	6607.8	4760.9
5°	23800.1	35575.2	46775.4	51149.0	46775.4	35575.2	23800.1	16301.0	10910.8	7496.9	5268.7
2.5°	30349.6	46762.3	62142.3	68157.0	62142.3	46762.3	30349.6	18935.7	12078.3	8073.1	5652.7
0°	32907.3	51660.6	68582.3	75326.7	68582.3	51660.6	32907.3	19399.0	12351.1	8330.9	5827.8
-2.5°	30349.6	46762.3	62142.3	68157.0	62142.3	46762.3	30349.6	18935.7	12078.3	8073.1	5652.7
-5°	23800.1	35575.2	46775.4	51149.0	46775.4	35575.2	23800.1	16301.0	10910.8	7496.9	5268.7
-7.5°	17576.0	23249.6	29557.2	32245.5	29557.2	23249.6	17576.0	12204.8	9021.6	6607.8	4760.9
-10°	12079.6	15693.4	18007.7	18877.7	18007.7	15693.4	12079.6	9645.7	7326.3	5498.3	4044.9
-12.5°	8789.0	10362.3	11389.0	11841.1	11389.0	10362.3	8789.0	7285.5	5787.8	4517.3	3391.0
-15°	6411.3	7193.6	7759.7	7806.4	7759.7	7193.6	6411.3	5451.3	4522.0	3606.0	2704.2
-17.5°	4660.3	5138.8	5472.0	5527.6	5472.0	5138.8	4660.3	4006.2	3400.6	2718.6	2118.5
-20°	3312.9	3614.7	3830.3	3858.8	3830.3	3614.7	3312.9	2887.0	2466.9	1992.6	1605.7



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2285.0	2483.3	2614.6	2598.4	2614.6	2483.3	2285.0	2010.9	1724.9	1437.4	1166.7
-25°	1535.7	1652.7	1727.7	1709.1	1727.7	1652.7	1535.7	1377.5	1188.4	1027.1	843.5
-27.5°	1043.1	1107.2	1144.3	1139.4	1144.3	1107.2	1043.1	955.7	834.0	747.7	643.4
-30°	737.4	772.8	790.7	786.0	790.7	772.8	737.4	687.4	621.2	566.2	509.5
-32.5°	546.0	566.3	577.5	576.2	577.5	566.3	546.0	519.4	484.2	449.2	417.3
-35°	428.9	439.0	444.4	447.0	444.4	439.0	428.9	414.3	395.1	373.1	353.1
-37.5°	353.7	358.8	361.2	361.5	361.2	358.8	353.7	345.8	334.4	319.6	306.9
-40°	302.8	304.9	305.3	305.0	305.3	304.9	302.8	298.3	291.0	281.7	273.0
-42.5°	266.1	267.9	268.4	267.9	268.4	267.9	266.1	262.7	258.3	252.9	247.1
-45°	238.0	239.2	239.5	238.9	239.5	239.2	238.0	236.1	233.6	229.8	224.9
-47.5°	217.3	217.4	217.1	216.3	217.1	217.4	217.3	216.4	214.5	211.8	208.4
-50°	200.9	201.1	200.9	200.1	200.9	201.1	200.9	200.1	198.8	196.9	194.6
-52.5°	187.2	187.0	187.0	187.2	187.0	187.0	187.2	187.0	186.6	185.5	184.0
-55°	177.5	177.3	176.7	175.9	176.7	177.3	177.5	177.5	177.2	176.0	174.6
-57.5°	167.7	167.5	167.0	166.2	167.0	167.5	167.7	167.5	167.1	166.1	165.0
-60°	156.2	156.1	155.7	154.9	155.7	156.1	156.2	156.1	155.6	154.7	153.6
-62.5°	143.1	143.1	142.7	142.0	142.7	143.1	143.1	142.7	142.0	141.0	139.9
-65°	127.2	127.1	127.3	127.5	127.3	127.1	127.2	127.1	126.6	126.0	124.9
-67.5°	112.8	112.6	112.1	111.4	112.1	112.6	112.8	112.6	112.2	111.2	109.8
-70°	97.8	97.9	97.5	96.8	97.5	97.9	97.8	97.4	96.9	96.1	95.1
-72.5°	82.3	82.0	82.2	82.3	82.2	82.0	82.3	82.5	82.4	82.1	81.2
-75°	67.9	67.5	67.7	67.8	67.7	67.5	67.9	68.2	68.2	68.1	67.4
-77.5°	53.5	53.1	52.4	51.6	52.4	53.1	53.5	53.8	53.9	53.8	53.2
-80°	38.7	38.5	37.9	37.1	37.9	38.5	38.7	38.7	38.7	38.6	38.3
-82.5°	25.9	25.7	25.8	25.8	25.8	25.7	25.9	26.1	26.2	26.2	25.8
-85°	14.7	14.4	14.5	14.5	14.5	14.4	14.7	15.0	15.2	15.4	15.2
-87.5°	5.2	4.8	4.8	4.8	4.8	4.8	5.2	5.6	5.9	6.3	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-NR-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°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	14.9	14.6	14.3	13.9	13.5	13.1	12.6	11.9	11.2	10.5	9.8
82.5°	25.3	24.8	24.2	23.6	22.8	22.1	21.2	20.1	18.8	17.5	16.1
80°	37.8	37.3	36.4	35.1	33.7	32.3	30.9	29.6	28.1	26.7	25.1
77.5°	52.4	51.6	50.3	48.2	46.0	43.7	41.5	39.7	37.9	36.1	34.1
75°	66.5	65.6	64.1	61.8	59.2	56.2	53.4	51.1	48.7	46.1	43.5
72.5°	80.2	78.9	77.4	75.5	73.2	70.5	67.1	63.5	60.0	56.7	53.6
70°	93.8	92.3	90.8	88.9	86.6	83.9	80.6	76.5	71.8	67.3	63.9
67.5°	108.1	106.1	104.4	102.8	100.7	98.1	94.2	90.0	85.4	80.2	75.4
65°	123.3	121.1	119.0	117.1	114.8	112.2	108.2	103.6	98.6	93.4	88.0
62.5°	138.6	137.1	134.7	131.8	128.8	125.6	121.9	117.3	111.9	105.8	99.8
60°	152.1	150.3	147.5	144.7	141.8	138.2	133.5	129.3	125.7	118.8	111.6
57.5°	163.8	161.6	158.4	155.3	152.5	148.3	143.5	138.7	134.1	129.3	123.1
55°	173.0	170.7	167.8	164.3	160.5	156.6	152.2	147.1	142.2	137.8	132.1
52.5°	181.9	179.7	176.9	173.5	169.4	164.8	160.0	155.0	150.3	145.8	140.7
50°	192.2	189.4	186.3	182.8	178.4	173.4	168.2	162.8	158.0	153.4	148.6
47.5°	205.0	200.9	196.4	192.2	187.3	181.9	176.3	170.9	165.7	160.3	155.4
45°	220.2	214.7	208.7	203.1	196.8	190.9	184.5	178.8	173.2	167.4	161.4
42.5°	239.6	231.2	223.5	215.8	207.9	200.8	193.5	186.9	180.6	174.4	167.9
40°	263.3	252.1	241.8	230.5	220.9	211.6	203.2	194.9	188.0	181.2	174.0
37.5°	292.4	277.7	263.7	249.1	236.3	224.0	213.6	204.0	195.0	187.6	180.0
35°	329.8	309.7	289.6	271.4	254.1	239.0	225.1	213.6	203.2	193.7	185.8
32.5°	380.2	351.8	321.3	297.9	275.0	255.2	238.6	224.0	211.6	200.8	191.3
30°	454.4	407.7	365.8	328.7	299.8	274.2	252.6	235.7	220.9	207.9	196.8
27.5°	560.7	480.4	423.8	369.1	327.0	296.0	269.8	247.7	230.3	215.8	203.0
25°	711.4	589.5	491.3	420.0	362.6	318.6	287.7	262.1	240.9	223.4	208.0
22.5°	918.0	733.5	582.6	474.5	403.6	348.9	307.3	276.3	250.5	230.0	213.3
20°	1221.9	905.1	700.8	552.4	449.7	378.0	327.7	291.2	261.3	236.9	217.9
17.5°	1582.5	1143.1	830.1	632.1	503.7	415.2	351.2	304.9	271.2	242.9	221.6
15°	1967.0	1412.8	1010.9	738.5	558.8	447.2	370.9	317.1	280.5	249.5	226.3
12.5°	2457.9	1703.6	1169.4	827.3	613.0	481.9	393.6	332.4	289.8	256.6	231.1
10°	2922.2	2006.8	1362.3	944.2	679.0	516.0	413.9	344.2	296.9	262.3	235.1
7.5°	3361.0	2298.3	1529.1	1033.3	729.9	543.2	428.9	352.8	302.0	266.2	238.1
5°	3682.5	2515.3	1659.7	1102.0	766.0	562.9	438.6	358.1	305.0	268.5	240.1
2.5°	3927.2	2659.0	1739.1	1142.3	786.5	574.5	444.4	362.1	308.0	270.4	242.4
0°	4039.6	2714.6	1765.6	1163.6	798.9	577.8	447.0	364.7	309.9	271.1	243.7
-2.5°	3927.2	2659.0	1739.1	1142.3	786.5	574.5	444.4	362.1	308.0	270.4	242.4
-5°	3682.5	2515.3	1659.7	1102.0	766.0	562.9	438.6	358.1	305.0	268.5	240.1
-7.5°	3361.0	2298.3	1529.1	1033.3	729.9	543.2	428.9	352.8	302.0	266.2	238.1
-10°	2922.2	2006.8	1362.3	944.2	679.0	516.0	413.9	344.2	296.9	262.3	235.1
-12.5°	2457.9	1703.6	1169.4	827.3	613.0	481.9	393.6	332.4	289.8	256.6	231.1
-15°	1967.0	1412.8	1010.9	738.5	558.8	447.2	370.9	317.1	280.5	249.5	226.3
-17.5°	1582.5	1143.1	830.1	632.1	503.7	415.2	351.2	304.9	271.2	242.9	221.6
-20°	1221.9	905.1	700.8	552.4	449.7	378.0	327.7	291.2	261.3	236.9	217.9



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	918.0	733.5	582.6	474.5	403.6	348.9	307.3	276.3	250.5	230.0	213.3
-25°	711.4	589.5	491.3	420.0	362.6	318.6	287.7	262.1	240.9	223.4	208.0
-27.5°	560.7	480.4	423.8	369.1	327.0	296.0	269.8	247.7	230.3	215.8	203.0
-30°	454.4	407.7	365.8	328.7	299.8	274.2	252.6	235.7	220.9	207.9	196.8
-32.5°	380.2	351.8	321.3	297.9	275.0	255.2	238.6	224.0	211.6	200.8	191.3
-35°	329.8	309.7	289.6	271.4	254.1	239.0	225.1	213.6	203.2	193.7	185.8
-37.5°	292.4	277.7	263.7	249.1	236.3	224.0	213.6	204.0	195.0	187.6	180.0
-40°	263.3	252.1	241.8	230.5	220.9	211.6	203.2	194.9	188.0	181.2	174.0
-42.5°	239.6	231.2	223.5	215.8	207.9	200.8	193.5	186.9	180.6	174.4	167.9
-45°	220.2	214.7	208.7	203.1	196.8	190.9	184.5	178.8	173.2	167.4	161.4
-47.5°	205.0	200.9	196.4	192.2	187.3	181.9	176.3	170.9	165.7	160.3	155.4
-50°	192.2	189.4	186.3	182.8	178.4	173.4	168.2	162.8	158.0	153.4	148.6
-52.5°	181.9	179.7	176.9	173.5	169.4	164.8	160.0	155.0	150.3	145.8	140.7
-55°	173.0	170.7	167.8	164.3	160.5	156.6	152.2	147.1	142.2	137.8	132.1
-57.5°	163.8	161.6	158.4	155.3	152.5	148.3	143.5	138.7	134.1	129.3	123.1
-60°	152.1	150.3	147.5	144.7	141.8	138.2	133.5	129.3	125.7	118.8	111.6
-62.5°	138.6	137.1	134.7	131.8	128.8	125.6	121.9	117.3	111.9	105.8	99.8
-65°	123.3	121.1	119.0	117.1	114.8	112.2	108.2	103.6	98.6	93.4	88.0
-67.5°	108.1	106.1	104.4	102.8	100.7	98.1	94.2	90.0	85.4	80.2	75.4
-70°	93.8	92.3	90.8	88.9	86.6	83.9	80.6	76.5	71.8	67.3	63.9
-72.5°	80.2	78.9	77.4	75.5	73.2	70.5	67.1	63.5	60.0	56.7	53.6
-75°	66.5	65.6	64.1	61.8	59.2	56.2	53.4	51.1	48.7	46.1	43.5
-77.5°	52.4	51.6	50.3	48.2	46.0	43.7	41.5	39.7	37.9	36.1	34.1
-80°	37.8	37.3	36.4	35.1	33.7	32.3	30.9	29.6	28.1	26.7	25.1
-82.5°	25.3	24.8	24.2	23.6	22.8	22.1	21.2	20.1	18.8	17.5	16.1
-85°	14.9	14.6	14.3	13.9	13.5	13.1	12.6	11.9	11.2	10.5	9.8
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-NR-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°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	9.4	9.0	8.5	7.9	7.2	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	15.2	14.7	14.1	13.4	12.3	11.3	10.2	9.0	7.9	6.7	5.8
80°	23.6	22.1	20.7	19.3	17.7	16.0	14.6	13.1	11.5	10.0	8.4
77.5°	32.1	30.0	27.8	25.7	23.7	21.6	19.4	17.2	15.1	13.2	11.2
75°	40.7	38.1	35.5	32.8	29.9	27.1	24.5	21.9	19.2	16.5	14.0
72.5°	50.4	47.0	43.5	39.9	36.7	33.3	29.9	26.5	23.4	20.2	16.9
70°	60.4	56.2	52.1	48.1	43.9	39.5	35.6	31.6	27.5	23.9	20.2
67.5°	70.8	66.6	61.7	56.5	51.7	46.8	41.4	36.7	32.2	27.5	23.4
65°	82.4	77.0	72.0	65.9	59.9	54.2	48.4	42.1	36.7	31.6	26.5
62.5°	93.6	87.2	81.1	74.8	68.3	61.7	55.2	48.2	41.4	35.6	29.9
60°	104.7	97.6	90.1	83.0	76.2	69.2	61.8	54.1	46.6	39.5	33.3
57.5°	115.3	107.8	99.3	91.0	83.4	76.0	68.1	59.8	51.7	43.8	36.7
55°	125.1	116.9	108.0	98.9	90.4	82.4	74.1	65.3	56.6	48.1	39.9
52.5°	134.2	125.5	116.1	106.5	97.1	88.4	79.7	70.5	61.2	52.2	43.3
50°	142.6	134.1	124.1	113.8	103.5	94.3	85.2	75.6	65.7	56.2	46.8
47.5°	149.9	141.9	132.2	121.0	110.0	100.2	90.6	80.5	69.9	59.9	50.0
45°	155.9	149.0	139.7	128.5	116.7	106.2	95.9	85.4	74.3	63.5	53.2
42.5°	161.4	155.0	146.6	135.8	123.6	112.2	101.1	90.1	78.5	66.9	56.2
40°	167.1	160.3	153.0	142.2	130.0	117.9	106.3	94.6	82.6	70.3	59.1
37.5°	172.3	165.3	157.9	148.0	135.8	123.4	111.3	99.1	86.4	73.7	61.8
35°	177.7	169.8	162.2	152.7	140.8	128.3	116.0	103.3	90.0	76.8	64.3
32.5°	182.8	174.0	165.8	156.5	145.4	132.7	120.3	107.0	93.3	79.7	66.7
30°	187.5	177.9	169.2	160.1	149.3	136.6	123.8	110.4	96.4	82.3	69.0
27.5°	191.2	181.2	172.5	163.3	152.5	140.0	127.0	113.4	99.3	84.8	71.1
25°	194.9	184.2	175.1	166.1	155.4	143.6	129.9	116.1	101.8	87.1	73.1
22.5°	199.0	186.9	177.1	168.8	158.4	147.0	132.7	118.4	104.0	89.2	74.8
20°	202.7	189.4	178.7	171.0	160.8	149.5	135.4	120.5	105.9	91.0	76.3
17.5°	205.9	191.9	180.7	172.2	162.6	151.6	137.8	122.4	107.5	92.6	77.6
15°	209.3	194.7	182.5	173.2	164.1	153.4	140.0	124.0	108.8	94.0	78.7
12.5°	212.2	196.9	183.9	174.0	165.3	154.9	142.0	125.3	109.8	95.1	79.8
10°	214.7	198.6	185.0	174.6	166.1	156.0	143.7	126.6	110.9	96.0	80.6
7.5°	216.7	199.7	185.7	174.9	166.6	156.9	145.1	128.1	111.8	96.6	81.4
5°	218.1	200.7	186.8	175.9	167.3	157.6	146.1	129.3	112.4	96.9	81.9
2.5°	219.1	201.5	188.0	176.8	167.7	158.1	146.7	130.2	112.9	97.0	82.2
0°	219.5	201.7	188.8	177.5	167.8	158.2	146.9	130.7	113.0	96.8	82.3
-2.5°	219.1	201.5	188.0	176.8	167.7	158.1	146.7	130.2	112.9	97.0	82.2
-5°	218.1	200.7	186.8	175.9	167.3	157.6	146.1	129.3	112.4	96.9	81.9
-7.5°	216.7	199.7	185.7	174.9	166.6	156.9	145.1	128.1	111.8	96.6	81.4
-10°	214.7	198.6	185.0	174.6	166.1	156.0	143.7	126.6	110.9	96.0	80.6
-12.5°	212.2	196.9	183.9	174.0	165.3	154.9	142.0	125.3	109.8	95.1	79.8
-15°	209.3	194.7	182.5	173.2	164.1	153.4	140.0	124.0	108.8	94.0	78.7
-17.5°	205.9	191.9	180.7	172.2	162.6	151.6	137.8	122.4	107.5	92.6	77.6
-20°	202.7	189.4	178.7	171.0	160.8	149.5	135.4	120.5	105.9	91.0	76.3

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	199.0	186.9	177.1	168.8	158.4	147.0	132.7	118.4	104.0	89.2	74.8
-25°	194.9	184.2	175.1	166.1	155.4	143.6	129.9	116.1	101.8	87.1	73.1
-27.5°	191.2	181.2	172.5	163.3	152.5	140.0	127.0	113.4	99.3	84.8	71.1
-30°	187.5	177.9	169.2	160.1	149.3	136.6	123.8	110.4	96.4	82.3	69.0
-32.5°	182.8	174.0	165.8	156.5	145.4	132.7	120.3	107.0	93.3	79.7	66.7
-35°	177.7	169.8	162.2	152.7	140.8	128.3	116.0	103.3	90.0	76.8	64.3
-37.5°	172.3	165.3	157.9	148.0	135.8	123.4	111.3	99.1	86.4	73.7	61.8
-40°	167.1	160.3	153.0	142.2	130.0	117.9	106.3	94.6	82.6	70.3	59.1
-42.5°	161.4	155.0	146.6	135.8	123.6	112.2	101.1	90.1	78.5	66.9	56.2
-45°	155.9	149.0	139.7	128.5	116.7	106.2	95.9	85.4	74.3	63.5	53.2
-47.5°	149.9	141.9	132.2	121.0	110.0	100.2	90.6	80.5	69.9	59.9	50.0
-50°	142.6	134.1	124.1	113.8	103.5	94.3	85.2	75.6	65.7	56.2	46.8
-52.5°	134.2	125.5	116.1	106.5	97.1	88.4	79.7	70.5	61.2	52.2	43.3
-55°	125.1	116.9	108.0	98.9	90.4	82.4	74.1	65.3	56.6	48.1	39.9
-57.5°	115.3	107.8	99.3	91.0	83.4	76.0	68.1	59.8	51.7	43.8	36.7
-60°	104.7	97.6	90.1	83.0	76.2	69.2	61.8	54.1	46.6	39.5	33.3
-62.5°	93.6	87.2	81.1	74.8	68.3	61.7	55.2	48.2	41.4	35.6	29.9
-65°	82.4	77.0	72.0	65.9	59.9	54.2	48.4	42.1	36.7	31.6	26.5
-67.5°	70.8	66.6	61.7	56.5	51.7	46.8	41.4	36.7	32.2	27.5	23.4
-70°	60.4	56.2	52.1	48.1	43.9	39.5	35.6	31.6	27.5	23.9	20.2
-72.5°	50.4	47.0	43.5	39.9	36.7	33.3	29.9	26.5	23.4	20.2	16.9
-75°	40.7	38.1	35.5	32.8	29.9	27.1	24.5	21.9	19.2	16.5	14.0
-77.5°	32.1	30.0	27.8	25.7	23.7	21.6	19.4	17.2	15.1	13.2	11.2
-80°	23.6	22.1	20.7	19.3	17.7	16.0	14.6	13.1	11.5	10.0	8.4
-82.5°	15.2	14.7	14.1	13.4	12.3	11.3	10.2	9.0	7.9	6.7	5.8
-85°	9.4	9.0	8.5	7.9	7.2	6.5	6.0	5.5	5.0	4.4	3.9
-87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
-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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REPORT NUMBER: P626799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-NR-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°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
80°	6.8	5.6	4.5	3.4	2.2	1.0	0.0
77.5°	9.2	7.2	5.6	4.2	2.8	1.2	0.0
75°	11.6	9.1	6.8	5.0	3.3	1.5	0.0
72.5°	14.0	11.0	8.2	5.8	3.9	1.7	0.0
70°	16.3	12.8	9.7	6.7	4.4	1.9	0.0
67.5°	19.0	14.7	11.0	7.7	4.9	2.1	0.0
65°	21.7	16.6	12.4	8.7	5.4	2.4	0.0
62.5°	24.3	18.8	13.7	9.7	5.8	2.6	0.0
60°	26.8	20.9	15.0	10.6	6.3	2.8	0.0
57.5°	29.6	23.0	16.7	11.5	6.8	3.0	0.0
55°	32.3	25.0	18.3	12.4	7.4	3.2	0.0
52.5°	35.0	27.0	19.8	13.2	8.0	3.3	0.0
50°	37.6	29.1	21.3	14.0	8.5	3.5	0.0
47.5°	40.1	31.2	22.7	14.9	9.0	3.7	0.0
45°	42.8	33.2	24.1	15.9	9.5	3.8	0.0
42.5°	45.4	35.0	25.4	16.9	10.0	4.0	0.0
40°	47.8	36.8	26.8	17.8	10.5	4.1	0.0
37.5°	50.2	38.5	28.1	18.8	10.9	4.2	0.0
35°	52.4	40.3	29.4	19.6	11.3	4.3	0.0
32.5°	54.4	42.0	30.6	20.5	11.7	4.4	0.0
30°	56.3	43.6	31.7	21.2	12.1	4.5	0.0
27.5°	58.1	45.1	32.8	22.0	12.5	4.6	0.0
25°	59.7	46.4	33.8	22.6	12.8	4.7	0.0
22.5°	61.2	47.6	34.7	23.2	13.1	4.7	0.0
20°	62.5	48.7	35.6	23.7	13.4	4.8	0.0
17.5°	63.6	49.6	36.3	24.2	13.6	4.8	0.0
15°	64.4	50.3	36.9	24.6	13.9	4.8	0.0
12.5°	65.1	50.9	37.5	25.0	14.1	4.9	0.0
10°	65.7	51.3	37.9	25.3	14.2	4.9	0.0
7.5°	66.1	51.6	38.3	25.5	14.3	4.9	0.0
5°	66.3	51.7	38.5	25.7	14.4	4.9	0.0
2.5°	66.3	51.7	38.7	25.8	14.5	4.8	0.0
0°	66.2	51.6	38.7	25.8	14.5	4.8	0.0
-2.5°	66.3	51.7	38.7	25.8	14.5	4.8	0.0
-5°	66.3	51.7	38.5	25.7	14.4	4.9	0.0
-7.5°	66.1	51.6	38.3	25.5	14.3	4.9	0.0
-10°	65.7	51.3	37.9	25.3	14.2	4.9	0.0
-12.5°	65.1	50.9	37.5	25.0	14.1	4.9	0.0
-15°	64.4	50.3	36.9	24.6	13.9	4.8	0.0
-17.5°	63.6	49.6	36.3	24.2	13.6	4.8	0.0
-20°	62.5	48.7	35.6	23.7	13.4	4.8	0.0

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CATALOG NUMBER: GFLD-SA1E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.2	47.6	34.7	23.2	13.1	4.7	0.0
-25°	59.7	46.4	33.8	22.6	12.8	4.7	0.0
-27.5°	58.1	45.1	32.8	22.0	12.5	4.6	0.0
-30°	56.3	43.6	31.7	21.2	12.1	4.5	0.0
-32.5°	54.4	42.0	30.6	20.5	11.7	4.4	0.0
-35°	52.4	40.3	29.4	19.6	11.3	4.3	0.0
-37.5°	50.2	38.5	28.1	18.8	10.9	4.2	0.0
-40°	47.8	36.8	26.8	17.8	10.5	4.1	0.0
-42.5°	45.4	35.0	25.4	16.9	10.0	4.0	0.0
-45°	42.8	33.2	24.1	15.9	9.5	3.8	0.0
-47.5°	40.1	31.2	22.7	14.9	9.0	3.7	0.0
-50°	37.6	29.1	21.3	14.0	8.5	3.5	0.0
-52.5°	35.0	27.0	19.8	13.2	8.0	3.3	0.0
-55°	32.3	25.0	18.3	12.4	7.4	3.2	0.0
-57.5°	29.6	23.0	16.7	11.5	6.8	3.0	0.0
-60°	26.8	20.9	15.0	10.6	6.3	2.8	0.0
-62.5°	24.3	18.8	13.7	9.7	5.8	2.6	0.0
-65°	21.7	16.6	12.4	8.7	5.4	2.4	0.0
-67.5°	19.0	14.7	11.0	7.7	4.9	2.1	0.0
-70°	16.3	12.8	9.7	6.7	4.4	1.9	0.0
-72.5°	14.0	11.0	8.2	5.8	3.9	1.7	0.0
-75°	11.6	9.1	6.8	5.0	3.3	1.5	0.0
-77.5°	9.2	7.2	5.6	4.2	2.8	1.2	0.0
-80°	6.8	5.6	4.5	3.4	2.2	1.0	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)