

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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626795 (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-SA1E-735-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N23
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

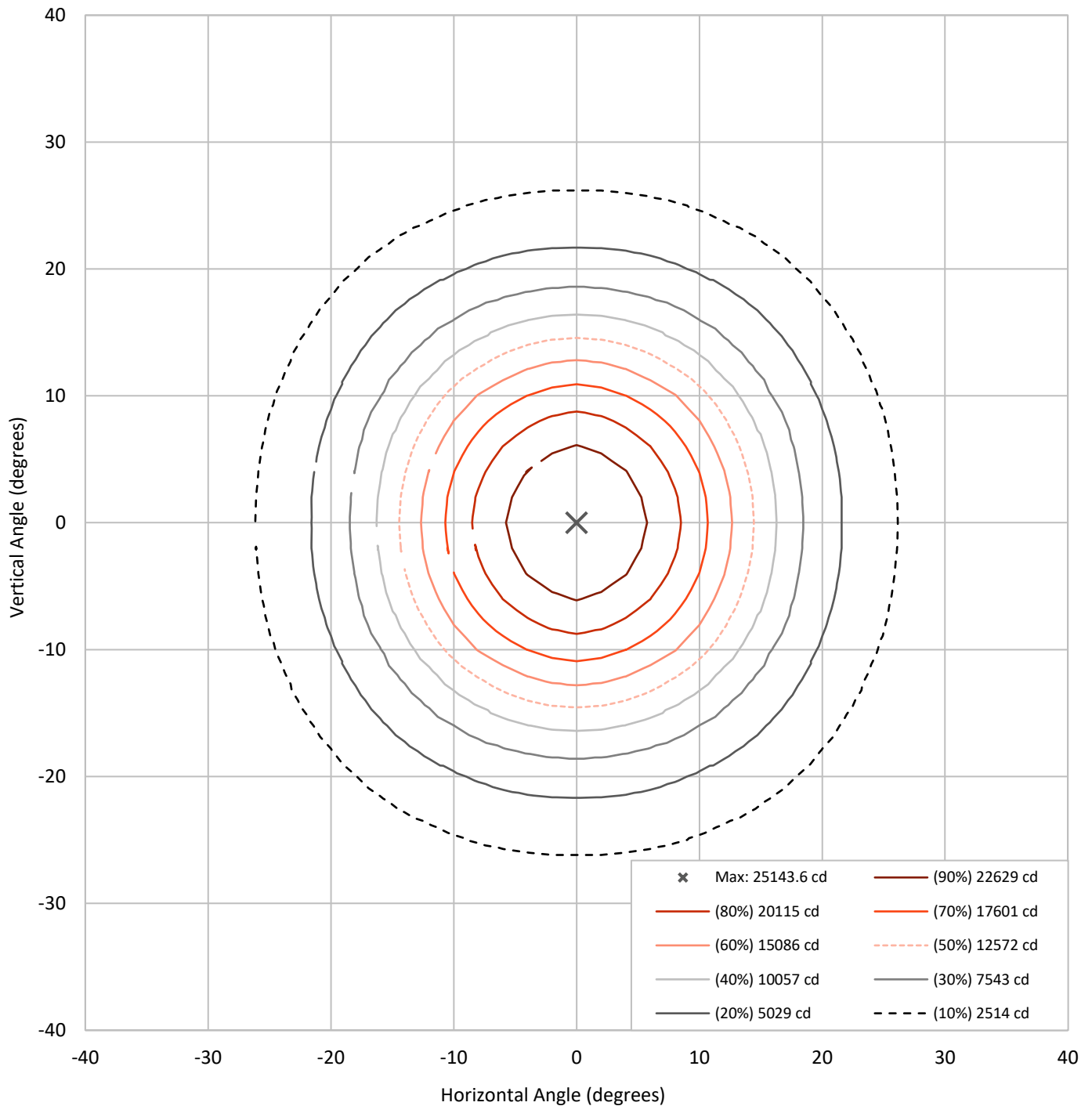
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7855.8 lumens	Max Intensity:	25143.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.7 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:	3819.4 lumens	Field Lumens:	6445.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





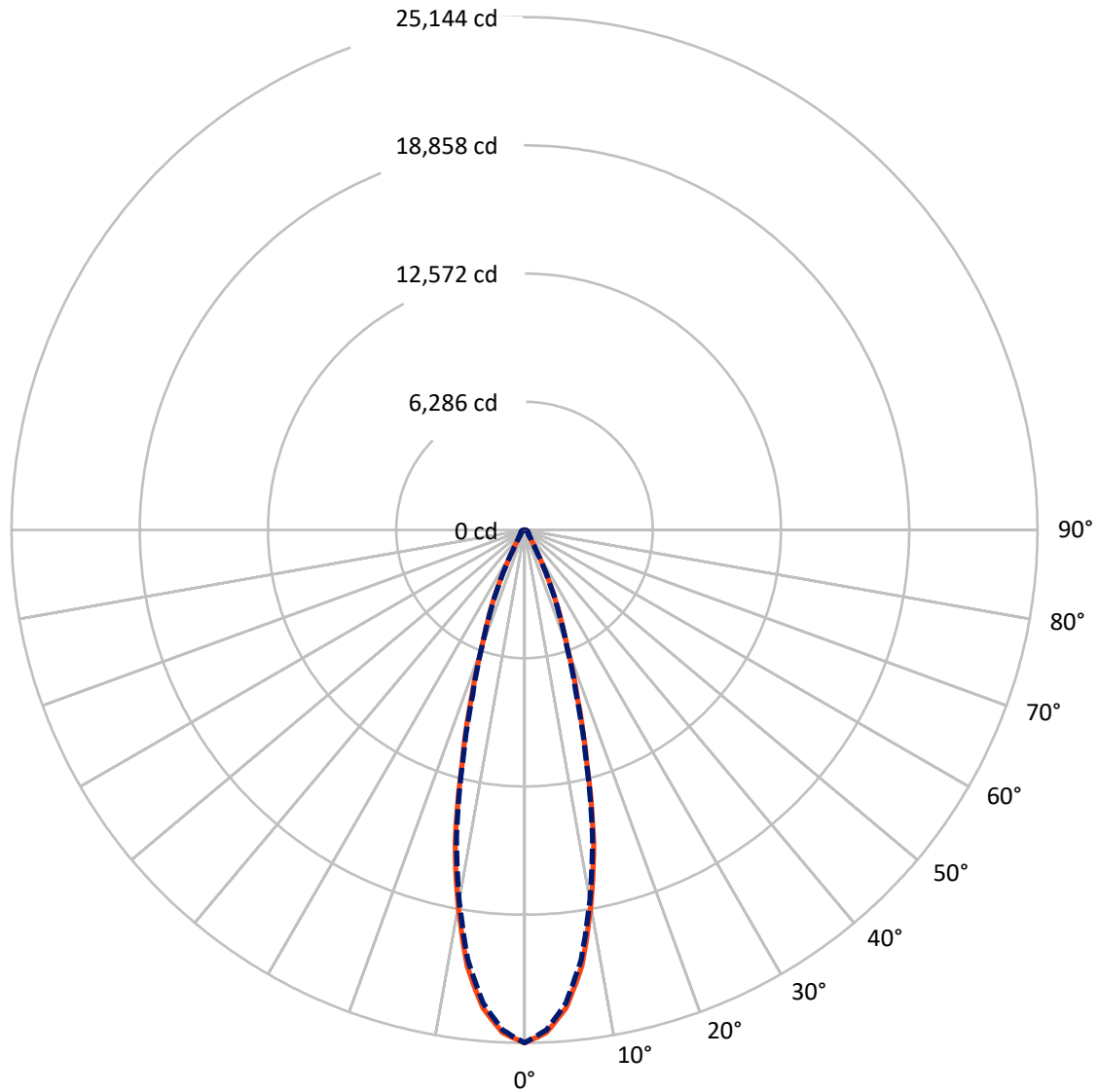
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Lumen Table

90	0.1	1.3		3.4		5.4		6.0		5.4		3.4		1.3		0.1			
80	0.1	1.3		3.4		5.4		6.0		5.4		3.4		1.3		0.1			
70	0.6	0.7	1.4	2.2	3.1	3.8	4.2	4.5	4.5	4.2	3.8	3.1	2.2	1.4	0.7	0.6			
60		1.0	2.0	3.3	4.4	5.4	6.1	6.3	6.3	6.1	5.4	4.4	3.3	2.0	1.0				
50	1.0	1.3	2.6	4.0	5.4	6.8	8.0	8.6	8.6	8.0	6.8	5.4	4.0	2.6	1.3	1.0			
40		1.5	3.1	4.7	6.6	9.4	13.6	17.7	17.7	13.6	9.4	6.6	4.7	3.1	1.5				
30	1.3	1.7	3.3	5.3	8.4	18.4	51.7	91.7	91.7	51.7	18.4	8.4	5.3	3.3	1.7	1.3			
20		1.8	3.5	5.7	11.5	48.2	171.8	329.3	329.3	171.8	48.2	11.5	5.7	3.5	1.8				
10	1.4	1.9	3.6	6.0	14.6	83.2	318.1	625.6	625.6	318.1	83.2	14.6	6.0	3.6	1.9	1.4			
0		1.9	3.6	6.0	14.6	83.2	318.1	625.6	625.6	318.1	83.2	14.6	6.0	3.6	1.9				
-10	1.3	1.8	3.5	5.7	11.5	48.2	171.8	329.3	329.3	171.8	48.2	11.5	5.7	3.5	1.8	1.3			
-20		1.7	3.3	5.3	8.4	18.4	51.7	91.7	91.7	51.7	18.4	8.4	5.3	3.3	1.7				
-30	1.0	1.5	3.1	4.7	6.6	9.4	13.6	17.7	17.7	13.6	9.4	6.6	4.7	3.1	1.5	1.0			
-40		1.3	2.6	4.0	5.4	6.8	8.0	8.6	8.6	8.0	6.8	5.4	4.0	2.6	1.3				
-50	0.6	1.0	2.0	3.3	4.4	5.4	6.1	6.3	6.3	6.1	5.4	4.4	3.3	2.0	1.0	0.6			
-60		0.7	1.4	2.2	3.1	3.8	4.2	4.5	4.5	4.2	3.8	3.1	2.2	1.4	0.7				
-70	0.1	1.3		3.4		5.4		6.0		5.4		3.4		1.3		0.1			
-80		1.3		3.4		5.4		6.0		5.4		3.4		1.3					
-90	0.1	1.3		3.4		5.4		6.0		5.4		3.4		1.3		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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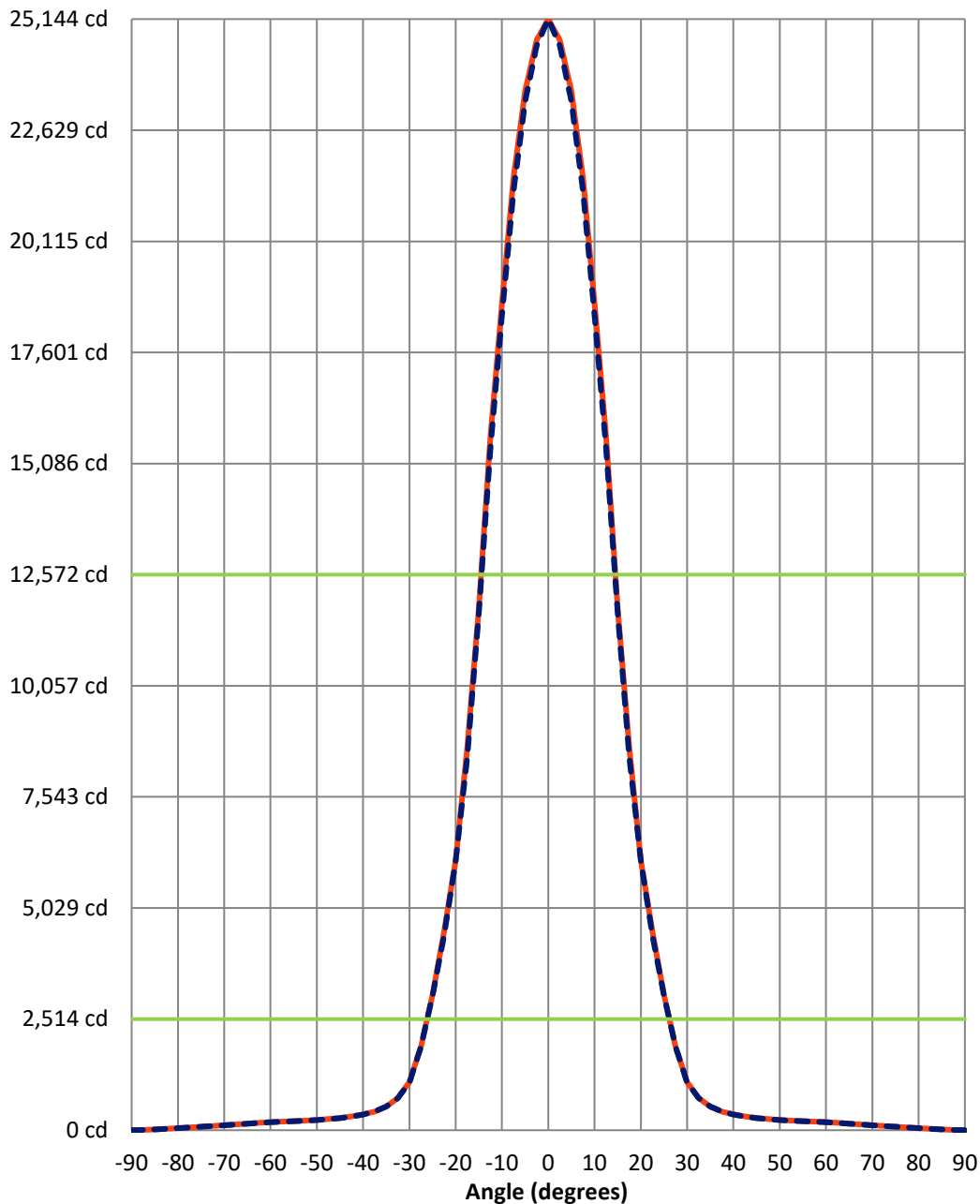
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3819.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 6445.5
 Efficiency: 82.0%

Spill:
 Lumens: 1410.3
 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	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.8	8.3	9.9
80°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.8	10.9	13.0	15.3
77.5°	0.0	1.4	2.8	4.2	5.6	7.3	9.7	12.2	14.9	17.7	20.8
75°	0.0	1.7	3.4	5.0	6.8	9.7	12.6	15.6	19.0	22.9	26.7
72.5°	0.0	2.0	3.9	5.8	8.7	12.1	15.4	19.2	23.7	28.2	32.6
70°	0.0	2.2	4.4	6.8	10.6	14.4	18.3	23.3	28.4	33.4	38.9
67.5°	0.0	2.5	5.0	8.1	12.4	16.7	21.8	27.3	33.0	39.2	45.3
65°	0.0	2.7	5.5	9.5	14.2	19.2	25.2	31.3	38.0	44.8	51.7
62.5°	0.0	3.0	6.0	10.8	16.0	22.1	28.6	35.5	43.0	50.4	58.3
60°	0.0	3.2	6.5	12.1	17.7	24.8	31.9	39.7	47.8	56.2	64.8
57.5°	0.0	3.5	7.3	13.4	19.9	27.5	35.4	43.9	52.6	61.7	71.1
55°	0.0	3.7	8.2	14.6	22.0	30.2	38.8	47.9	57.3	67.1	77.3
52.5°	0.0	4.0	8.9	15.8	24.0	32.7	42.1	51.8	61.8	72.5	83.3
50°	0.0	4.2	9.7	17.0	26.0	35.3	45.2	55.6	66.2	77.8	89.0
47.5°	0.0	4.4	10.5	18.1	27.9	37.8	48.2	59.2	70.7	82.8	94.3
45°	0.0	4.6	11.2	19.5	29.7	40.2	51.2	62.7	75.0	87.3	99.3
42.5°	0.0	4.8	11.9	20.8	31.5	42.4	54.1	66.2	79.2	91.6	103.9
40°	0.0	5.0	12.5	22.1	33.2	44.6	56.8	69.6	82.9	95.5	108.3
37.5°	0.0	5.2	13.1	23.2	34.8	46.6	59.4	72.8	86.3	99.3	112.4
35°	0.0	5.3	13.7	24.3	36.3	48.5	61.9	75.8	89.5	102.9	116.2
32.5°	0.0	5.5	14.3	25.3	37.7	50.4	64.2	78.5	92.5	106.3	120.0
30°	0.0	5.6	14.8	26.2	39.0	52.2	66.4	81.0	95.2	109.4	123.5
27.5°	0.0	5.8	15.2	27.0	40.1	53.8	68.3	83.2	97.7	112.3	126.7
25°	0.0	5.9	15.7	27.8	41.2	55.3	70.2	85.2	100.0	114.9	129.6
22.5°	0.0	6.0	16.1	28.5	42.2	56.7	71.8	87.0	102.1	117.2	132.6
20°	0.0	6.1	16.4	29.0	43.1	57.8	73.2	88.6	104.0	119.3	135.2
17.5°	0.0	6.2	16.8	29.5	44.0	58.8	74.5	90.0	105.6	121.1	137.5
15°	0.0	6.3	17.0	29.9	44.7	59.7	75.6	91.2	106.9	122.7	139.4
12.5°	0.0	6.3	17.3	30.3	45.3	60.3	76.7	92.4	108.2	123.9	141.0
10°	0.0	6.4	17.5	30.5	45.8	60.8	77.5	93.4	109.3	125.4	142.5
7.5°	0.0	6.4	17.6	30.7	46.3	61.2	78.2	94.2	110.2	126.8	144.2
5°	0.0	6.5	17.7	30.8	46.6	61.4	78.7	94.8	110.9	127.8	145.4
2.5°	0.0	6.5	17.8	30.8	46.7	61.4	79.0	95.1	111.3	128.6	146.3
0°	0.0	6.5	17.8	30.7	46.8	61.3	79.1	95.2	111.4	129.1	146.9
-2.5°	0.0	6.5	17.8	30.8	46.7	61.4	79.0	95.1	111.3	128.6	146.3
-5°	0.0	6.5	17.7	30.8	46.6	61.4	78.7	94.8	110.9	127.8	145.4
-7.5°	0.0	6.4	17.6	30.7	46.3	61.2	78.2	94.2	110.2	126.8	144.2
-10°	0.0	6.4	17.5	30.5	45.8	60.8	77.5	93.4	109.3	125.4	142.5
-12.5°	0.0	6.3	17.3	30.3	45.3	60.3	76.7	92.4	108.2	123.9	141.0
-15°	0.0	6.3	17.0	29.9	44.7	59.7	75.6	91.2	106.9	122.7	139.4
-17.5°	0.0	6.2	16.8	29.5	44.0	58.8	74.5	90.0	105.6	121.1	137.5
-20°	0.0	6.1	16.4	29.0	43.1	57.8	73.2	88.6	104.0	119.3	135.2

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.0	16.1	28.5	42.2	56.7	71.8	87.0	102.1	117.2	132.6
-25°	0.0	5.9	15.7	27.8	41.2	55.3	70.2	85.2	100.0	114.9	129.6
-27.5°	0.0	5.8	15.2	27.0	40.1	53.8	68.3	83.2	97.7	112.3	126.7
-30°	0.0	5.6	14.8	26.2	39.0	52.2	66.4	81.0	95.2	109.4	123.5
-32.5°	0.0	5.5	14.3	25.3	37.7	50.4	64.2	78.5	92.5	106.3	120.0
-35°	0.0	5.3	13.7	24.3	36.3	48.5	61.9	75.8	89.5	102.9	116.2
-37.5°	0.0	5.2	13.1	23.2	34.8	46.6	59.4	72.8	86.3	99.3	112.4
-40°	0.0	5.0	12.5	22.1	33.2	44.6	56.8	69.6	82.9	95.5	108.3
-42.5°	0.0	4.8	11.9	20.8	31.5	42.4	54.1	66.2	79.2	91.6	103.9
-45°	0.0	4.6	11.2	19.5	29.7	40.2	51.2	62.7	75.0	87.3	99.3
-47.5°	0.0	4.4	10.5	18.1	27.9	37.8	48.2	59.2	70.7	82.8	94.3
-50°	0.0	4.2	9.7	17.0	26.0	35.3	45.2	55.6	66.2	77.8	89.0
-52.5°	0.0	4.0	8.9	15.8	24.0	32.7	42.1	51.8	61.8	72.5	83.3
-55°	0.0	3.7	8.2	14.6	22.0	30.2	38.8	47.9	57.3	67.1	77.3
-57.5°	0.0	3.5	7.3	13.4	19.9	27.5	35.4	43.9	52.6	61.7	71.1
-60°	0.0	3.2	6.5	12.1	17.7	24.8	31.9	39.7	47.8	56.2	64.8
-62.5°	0.0	3.0	6.0	10.8	16.0	22.1	28.6	35.5	43.0	50.4	58.3
-65°	0.0	2.7	5.5	9.5	14.2	19.2	25.2	31.3	38.0	44.8	51.7
-67.5°	0.0	2.5	5.0	8.1	12.4	16.7	21.8	27.3	33.0	39.2	45.3
-70°	0.0	2.2	4.4	6.8	10.6	14.4	18.3	23.3	28.4	33.4	38.9
-72.5°	0.0	2.0	3.9	5.8	8.7	12.1	15.4	19.2	23.7	28.2	32.6
-75°	0.0	1.7	3.4	5.0	6.8	9.7	12.6	15.6	19.0	22.9	26.7
-77.5°	0.0	1.4	2.8	4.2	5.6	7.3	9.7	12.2	14.9	17.7	20.8
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.8	10.9	13.0	15.3
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.8	8.3	9.9
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.3	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	7.4	8.4	9.3	10.2	11.0	11.8	12.6	13.4	14.1
82.5°	11.4	12.9	14.4	15.8	17.1	18.4	19.7	20.9	22.1	23.2	24.3
80°	17.3	19.3	21.3	23.1	24.9	26.7	28.4	30.0	31.6	33.2	35.0
77.5°	23.6	26.1	28.4	30.5	32.8	35.5	38.1	40.7	43.1	45.5	47.7
75°	30.0	32.9	36.0	39.1	42.4	45.7	48.9	52.0	55.0	58.1	61.2
72.5°	36.8	40.7	44.5	48.2	52.3	56.3	60.0	63.4	67.1	71.3	75.1
70°	43.9	48.5	53.3	58.0	62.7	67.1	71.7	76.3	80.9	85.4	89.7
67.5°	51.2	56.8	62.4	67.8	73.0	78.4	83.8	89.3	94.7	99.8	104.8
65°	58.9	65.2	71.4	77.4	83.3	89.8	96.2	102.4	109.2	115.5	120.9
62.5°	66.4	73.5	80.3	87.1	94.2	101.5	108.9	116.7	124.7	130.5	135.5
60°	73.6	81.6	89.2	97.0	105.0	113.1	121.7	129.9	137.3	143.6	148.9
57.5°	80.6	89.5	98.0	106.5	115.2	124.5	133.9	142.3	149.2	155.3	161.1
55°	87.4	97.3	106.3	115.4	125.3	136.1	145.7	153.4	160.4	165.5	171.0
52.5°	93.9	104.5	113.9	124.1	135.3	146.6	156.2	163.6	169.5	174.7	180.1
50°	100.1	110.8	121.2	132.7	144.7	156.0	165.7	172.5	178.4	183.8	189.0
47.5°	105.7	116.8	128.6	141.0	153.4	164.6	173.8	180.8	186.9	192.5	198.2
45°	111.0	122.9	135.5	149.0	161.8	172.8	181.2	188.7	194.6	200.9	208.1
42.5°	116.1	128.8	142.5	156.9	169.9	180.0	188.2	195.3	202.1	209.7	217.7
40°	121.1	134.3	149.1	164.2	177.4	186.2	194.4	202.0	209.8	218.4	227.2
37.5°	125.7	140.0	155.3	171.0	183.0	192.1	200.6	209.1	217.9	227.2	237.9
35°	130.0	145.2	161.2	176.4	187.9	197.9	207.0	216.2	226.0	237.3	249.2
32.5°	134.1	149.9	166.7	181.0	192.4	203.0	213.1	223.5	234.8	247.2	260.8
30°	138.2	154.5	171.5	185.6	196.4	207.3	219.1	230.7	243.2	257.0	273.0
27.5°	142.2	158.8	175.6	189.3	199.9	211.0	223.7	237.7	251.4	266.5	285.0
25°	145.8	163.2	179.6	192.2	203.0	214.6	227.7	242.7	258.8	276.8	299.5
22.5°	149.3	167.1	183.3	194.6	205.5	217.7	231.8	247.6	265.2	286.0	313.7
20°	152.5	170.2	185.8	196.9	207.6	220.1	235.3	252.0	272.1	297.3	330.4
17.5°	155.3	172.8	187.6	198.8	209.8	222.7	238.3	255.7	278.2	307.2	346.5
15°	157.7	175.0	189.1	200.2	211.6	225.3	241.5	260.4	285.0	317.0	360.3
12.5°	159.6	176.7	190.3	201.2	213.1	227.2	244.1	264.9	291.8	327.6	379.0
10°	161.2	177.9	191.3	201.9	214.1	228.5	246.2	268.4	297.3	336.5	395.0
7.5°	162.7	179.0	192.0	202.2	214.7	229.2	247.7	270.8	301.3	343.2	407.7
5°	163.8	180.0	192.4	202.8	215.1	229.5	248.6	272.3	303.8	347.6	416.8
2.5°	164.4	180.6	192.4	203.2	215.1	229.6	249.8	273.1	306.6	351.3	421.9
0°	164.6	180.8	192.1	203.4	214.7	229.2	250.2	272.8	308.3	353.5	422.9
-2.5°	164.4	180.6	192.4	203.2	215.1	229.6	249.8	273.1	306.6	351.3	421.9
-5°	163.8	180.0	192.4	202.8	215.1	229.5	248.6	272.3	303.8	347.6	416.8
-7.5°	162.7	179.0	192.0	202.2	214.7	229.2	247.7	270.8	301.3	343.2	407.7
-10°	161.2	177.9	191.3	201.9	214.1	228.5	246.2	268.4	297.3	336.5	395.0
-12.5°	159.6	176.7	190.3	201.2	213.1	227.2	244.1	264.9	291.8	327.6	379.0
-15°	157.7	175.0	189.1	200.2	211.6	225.3	241.5	260.4	285.0	317.0	360.3
-17.5°	155.3	172.8	187.6	198.8	209.8	222.7	238.3	255.7	278.2	307.2	346.5
-20°	152.5	170.2	185.8	196.9	207.6	220.1	235.3	252.0	272.1	297.3	330.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	149.3	167.1	183.3	194.6	205.5	217.7	231.8	247.6	265.2	286.0	313.7
-25°	145.8	163.2	179.6	192.2	203.0	214.6	227.7	242.7	258.8	276.8	299.5
-27.5°	142.2	158.8	175.6	189.3	199.9	211.0	223.7	237.7	251.4	266.5	285.0
-30°	138.2	154.5	171.5	185.6	196.4	207.3	219.1	230.7	243.2	257.0	273.0
-32.5°	134.1	149.9	166.7	181.0	192.4	203.0	213.1	223.5	234.8	247.2	260.8
-35°	130.0	145.2	161.2	176.4	187.9	197.9	207.0	216.2	226.0	237.3	249.2
-37.5°	125.7	140.0	155.3	171.0	183.0	192.1	200.6	209.1	217.9	227.2	237.9
-40°	121.1	134.3	149.1	164.2	177.4	186.2	194.4	202.0	209.8	218.4	227.2
-42.5°	116.1	128.8	142.5	156.9	169.9	180.0	188.2	195.3	202.1	209.7	217.7
-45°	111.0	122.9	135.5	149.0	161.8	172.8	181.2	188.7	194.6	200.9	208.1
-47.5°	105.7	116.8	128.6	141.0	153.4	164.6	173.8	180.8	186.9	192.5	198.2
-50°	100.1	110.8	121.2	132.7	144.7	156.0	165.7	172.5	178.4	183.8	189.0
-52.5°	93.9	104.5	113.9	124.1	135.3	146.6	156.2	163.6	169.5	174.7	180.1
-55°	87.4	97.3	106.3	115.4	125.3	136.1	145.7	153.4	160.4	165.5	171.0
-57.5°	80.6	89.5	98.0	106.5	115.2	124.5	133.9	142.3	149.2	155.3	161.1
-60°	73.6	81.6	89.2	97.0	105.0	113.1	121.7	129.9	137.3	143.6	148.9
-62.5°	66.4	73.5	80.3	87.1	94.2	101.5	108.9	116.7	124.7	130.5	135.5
-65°	58.9	65.2	71.4	77.4	83.3	89.8	96.2	102.4	109.2	115.5	120.9
-67.5°	51.2	56.8	62.4	67.8	73.0	78.4	83.8	89.3	94.7	99.8	104.8
-70°	43.9	48.5	53.3	58.0	62.7	67.1	71.7	76.3	80.9	85.4	89.7
-72.5°	36.8	40.7	44.5	48.2	52.3	56.3	60.0	63.4	67.1	71.3	75.1
-75°	30.0	32.9	36.0	39.1	42.4	45.7	48.9	52.0	55.0	58.1	61.2
-77.5°	23.6	26.1	28.4	30.5	32.8	35.5	38.1	40.7	43.1	45.5	47.7
-80°	17.3	19.3	21.3	23.1	24.9	26.7	28.4	30.0	31.6	33.2	35.0
-82.5°	11.4	12.9	14.4	15.8	17.1	18.4	19.7	20.9	22.1	23.2	24.3
-85°	6.0	6.5	7.4	8.4	9.3	10.2	11.0	11.8	12.6	13.4	14.1
-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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
85°	14.7	15.4	15.9	16.5	17.0	17.1	17.1	17.1	17.0	17.3	17.5
82.5°	25.3	26.4	27.5	28.7	29.8	30.2	30.5	30.7	30.8	31.3	31.6
80°	36.7	38.4	40.1	41.6	42.9	43.8	44.7	45.5	46.2	46.5	46.7
77.5°	49.9	52.1	54.1	56.0	57.7	59.1	60.2	61.1	61.8	62.3	62.5
75°	64.2	67.0	69.4	71.7	73.7	75.2	76.2	77.0	77.5	78.0	78.4
72.5°	78.6	81.7	84.6	87.4	89.8	91.5	92.6	93.6	94.3	94.9	95.1
70°	93.8	97.5	100.7	103.5	105.6	107.2	108.5	109.5	110.3	110.9	111.2
67.5°	109.5	113.5	116.5	118.9	120.8	122.5	124.1	125.3	126.0	126.8	127.6
65°	125.5	129.5	132.6	135.1	137.2	139.4	141.4	142.9	143.9	144.8	145.8
62.5°	140.5	145.1	148.7	152.0	155.4	158.6	160.4	161.8	162.8	163.7	164.8
60°	154.2	159.4	163.7	167.8	171.9	176.0	177.7	179.0	180.3	181.5	182.5
57.5°	166.3	171.8	177.1	181.1	185.0	188.9	191.5	193.0	194.0	194.5	195.0
55°	176.8	182.4	187.6	192.2	196.5	200.5	203.5	204.9	205.9	206.6	207.0
52.5°	186.3	192.2	197.8	202.9	207.6	211.9	215.6	217.5	219.1	220.3	220.6
50°	195.6	202.0	208.1	213.6	218.9	224.1	228.8	231.5	233.4	234.6	235.0
47.5°	205.3	212.2	218.9	225.2	231.3	237.3	242.9	246.6	249.4	251.4	252.9
45°	215.4	222.9	230.2	237.6	244.6	252.4	259.5	264.9	268.9	272.4	275.2
42.5°	225.6	234.0	242.4	252.0	261.5	270.4	278.8	286.0	292.6	299.0	304.0
40°	236.6	245.8	257.3	268.7	280.5	290.8	303.1	314.1	324.2	335.0	344.0
37.5°	248.7	260.5	274.1	287.7	303.1	318.0	335.1	352.0	366.7	385.7	401.0
35°	261.8	276.8	292.9	311.2	331.0	354.3	378.3	406.4	430.3	460.6	488.6
32.5°	276.5	294.1	315.0	340.1	366.8	404.3	439.4	487.1	527.9	580.5	637.9
30°	291.4	314.2	342.6	375.0	420.1	473.3	535.3	615.9	703.2	793.4	914.9
27.5°	309.1	338.7	374.1	424.2	491.7	565.3	691.6	827.9	1017.9	1168.3	1436.1
25°	328.1	364.8	417.0	489.7	583.0	731.9	945.1	1191.9	1572.0	1910.1	2298.6
22.5°	350.7	400.4	469.6	564.9	727.4	983.7	1316.4	1823.3	2386.7	2942.8	3451.1
20°	374.5	434.6	531.4	686.5	937.8	1308.3	1901.9	2626.2	3374.2	4136.3	4778.6
17.5°	402.4	484.0	611.5	817.5	1176.0	1810.4	2603.2	3524.1	4501.4	5473.9	6318.7
15°	426.3	527.2	698.9	1007.4	1542.1	2335.5	3310.0	4473.1	5702.0	6964.1	8332.1
12.5°	456.9	579.2	788.9	1164.5	1866.9	2898.2	4090.5	5440.9	6941.6	8617.3	10749.9
10°	484.9	633.8	907.3	1416.0	2257.3	3423.7	4764.7	6296.7	8243.3	10761.5	13333.8
7.5°	507.4	677.0	999.1	1612.3	2584.7	3872.6	5371.7	7208.6	9637.1	12635.7	15574.7
5°	523.0	707.0	1064.8	1760.6	2848.0	4215.8	5802.5	7880.8	10811.8	14169.8	17170.7
2.5°	532.8	723.4	1097.0	1848.7	3019.8	4422.2	6071.3	8308.0	11531.8	15146.3	18184.8
0°	537.4	726.3	1076.5	1891.5	3043.9	4407.7	6095.9	8450.6	11702.7	15411.5	18437.7
-2.5°	532.8	723.4	1097.0	1848.7	3019.8	4422.2	6071.3	8308.0	11531.8	15146.3	18184.8
-5°	523.0	707.0	1064.8	1760.6	2848.0	4215.8	5802.5	7880.8	10811.8	14169.8	17170.7
-7.5°	507.4	677.0	999.1	1612.3	2584.7	3872.6	5371.7	7208.6	9637.1	12635.7	15574.7
-10°	484.9	633.8	907.3	1416.0	2257.3	3423.7	4764.7	6296.7	8243.3	10761.5	13333.8
-12.5°	456.9	579.2	788.9	1164.5	1866.9	2898.2	4090.5	5440.9	6941.6	8617.3	10749.9
-15°	426.3	527.2	698.9	1007.4	1542.1	2335.5	3310.0	4473.1	5702.0	6964.1	8332.1
-17.5°	402.4	484.0	611.5	817.5	1176.0	1810.4	2603.2	3524.1	4501.4	5473.9	6318.7
-20°	374.5	434.6	531.4	686.5	937.8	1308.3	1901.9	2626.2	3374.2	4136.3	4778.6

Classified

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Scaled Data Report



REPORT NUMBER: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	350.7	400.4	469.6	564.9	727.4	983.7	1316.4	1823.3	2386.7	2942.8	3451.1
-25°	328.1	364.8	417.0	489.7	583.0	731.9	945.1	1191.9	1572.0	1910.1	2298.6
-27.5°	309.1	338.7	374.1	424.2	491.7	565.3	691.6	827.9	1017.9	1168.3	1436.1
-30°	291.4	314.2	342.6	375.0	420.1	473.3	535.3	615.9	703.2	793.4	914.9
-32.5°	276.5	294.1	315.0	340.1	366.8	404.3	439.4	487.1	527.9	580.5	637.9
-35°	261.8	276.8	292.9	311.2	331.0	354.3	378.3	406.4	430.3	460.6	488.6
-37.5°	248.7	260.5	274.1	287.7	303.1	318.0	335.1	352.0	366.7	385.7	401.0
-40°	236.6	245.8	257.3	268.7	280.5	290.8	303.1	314.1	324.2	335.0	344.0
-42.5°	225.6	234.0	242.4	252.0	261.5	270.4	278.8	286.0	292.6	299.0	304.0
-45°	215.4	222.9	230.2	237.6	244.6	252.4	259.5	264.9	268.9	272.4	275.2
-47.5°	205.3	212.2	218.9	225.2	231.3	237.3	242.9	246.6	249.4	251.4	252.9
-50°	195.6	202.0	208.1	213.6	218.9	224.1	228.8	231.5	233.4	234.6	235.0
-52.5°	186.3	192.2	197.8	202.9	207.6	211.9	215.6	217.5	219.1	220.3	220.6
-55°	176.8	182.4	187.6	192.2	196.5	200.5	203.5	204.9	205.9	206.6	207.0
-57.5°	166.3	171.8	177.1	181.1	185.0	188.9	191.5	193.0	194.0	194.5	195.0
-60°	154.2	159.4	163.7	167.8	171.9	176.0	177.7	179.0	180.3	181.5	182.5
-62.5°	140.5	145.1	148.7	152.0	155.4	158.6	160.4	161.8	162.8	163.7	164.8
-65°	125.5	129.5	132.6	135.1	137.2	139.4	141.4	142.9	143.9	144.8	145.8
-67.5°	109.5	113.5	116.5	118.9	120.8	122.5	124.1	125.3	126.0	126.8	127.6
-70°	93.8	97.5	100.7	103.5	105.6	107.2	108.5	109.5	110.3	110.9	111.2
-72.5°	78.6	81.7	84.6	87.4	89.8	91.5	92.6	93.6	94.3	94.9	95.1
-75°	64.2	67.0	69.4	71.7	73.7	75.2	76.2	77.0	77.5	78.0	78.4
-77.5°	49.9	52.1	54.1	56.0	57.7	59.1	60.2	61.1	61.8	62.3	62.5
-80°	36.7	38.4	40.1	41.6	42.9	43.8	44.7	45.5	46.2	46.5	46.7
-82.5°	25.3	26.4	27.5	28.7	29.8	30.2	30.5	30.7	30.8	31.3	31.6
-85°	14.7	15.4	15.9	16.5	17.0	17.1	17.1	17.1	17.0	17.3	17.5
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
-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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
85°	17.6	17.7	17.8	17.8	17.8	17.7	17.6	17.5	17.3	17.0	17.1
82.5°	31.9	32.1	32.3	32.3	32.3	32.1	31.9	31.6	31.3	30.8	30.7
80°	46.7	46.6	46.7	46.8	46.7	46.6	46.7	46.7	46.5	46.2	45.5
77.5°	62.7	62.6	62.8	62.9	62.8	62.6	62.7	62.5	62.3	61.8	61.1
75°	78.7	78.7	79.0	79.1	79.0	78.7	78.7	78.4	78.0	77.5	77.0
72.5°	95.1	94.8	95.1	95.2	95.1	94.8	95.1	95.1	94.9	94.3	93.6
70°	111.2	111.0	112.0	113.0	112.0	111.0	111.2	111.2	110.9	110.3	109.5
67.5°	128.2	128.5	129.7	130.7	129.7	128.5	128.2	127.6	126.8	126.0	125.3
65°	146.3	146.3	147.4	148.5	147.4	146.3	146.3	145.8	144.8	143.9	142.9
62.5°	165.4	165.5	166.7	167.9	166.7	165.5	165.4	164.8	163.7	162.8	161.8
60°	183.2	183.4	183.8	184.0	183.8	183.4	183.2	182.5	181.5	180.3	179.0
57.5°	195.1	195.0	195.1	195.3	195.1	195.0	195.1	195.0	194.5	194.0	193.0
55°	206.9	206.4	205.8	205.0	205.8	206.4	206.9	207.0	206.6	205.9	204.9
52.5°	220.3	219.5	218.7	217.9	218.7	219.5	220.3	220.6	220.3	219.1	217.5
50°	234.7	233.9	233.2	232.4	233.2	233.9	234.7	235.0	234.6	233.4	231.5
47.5°	253.9	254.2	254.1	253.4	254.1	254.2	253.9	252.9	251.4	249.4	246.6
45°	277.2	278.1	278.2	277.6	278.2	278.1	277.2	275.2	272.4	268.9	264.9
42.5°	307.5	309.6	310.7	311.5	310.7	309.6	307.5	304.0	299.0	292.6	286.0
40°	350.6	354.8	357.4	359.9	357.4	354.8	350.6	344.0	335.0	324.2	314.1
37.5°	412.4	419.9	423.3	421.2	423.3	419.9	412.4	401.0	385.7	366.7	352.0
35°	510.1	524.5	532.0	532.6	532.0	524.5	510.1	488.6	460.6	430.3	406.4
32.5°	680.4	709.8	725.6	727.9	725.6	709.8	680.4	637.9	580.5	527.9	487.1
30°	1007.8	1067.9	1096.1	1089.4	1096.1	1067.9	1007.8	914.9	793.4	703.2	615.9
27.5°	1644.3	1794.1	1882.9	1889.9	1882.9	1794.1	1644.3	1436.1	1168.3	1017.9	827.9
25°	2642.8	2898.5	3062.2	3064.9	3062.2	2898.5	2642.8	2298.6	1910.1	1572.0	1191.9
22.5°	3921.1	4270.2	4461.4	4494.8	4461.4	4270.2	3921.1	3451.1	2942.8	2386.7	1823.3
20°	5402.1	5866.5	6115.0	6115.2	6115.0	5866.5	5402.1	4778.6	4136.3	3374.2	2626.2
17.5°	7226.0	7980.1	8453.5	8657.2	8453.5	7980.1	7226.0	6318.7	5473.9	4501.4	3524.1
15°	9649.2	10916.3	11675.6	11812.5	11675.6	10916.3	9649.2	8332.1	6964.1	5702.0	4473.1
12.5°	12599.6	14203.2	15281.2	15676.2	15281.2	14203.2	12599.6	10749.9	8617.3	6941.6	5440.9
10°	15680.2	17166.0	18320.8	18708.8	18320.8	17166.0	15680.2	13333.8	10761.5	8243.3	6296.7
7.5°	17905.6	19677.3	20978.1	21549.4	20978.1	19677.3	17905.6	15574.7	12635.7	9637.1	7208.6
5°	19662.3	21758.8	22969.6	23507.1	22969.6	21758.8	19662.3	17170.7	14169.8	10811.8	7880.8
2.5°	20814.9	22886.4	24168.7	24664.3	24168.7	22886.4	20814.9	18184.8	15146.3	11531.8	8308.0
0°	21246.0	23271.5	24538.4	25143.6	24538.4	23271.5	21246.0	18437.7	15411.5	11702.7	8450.6
-2.5°	20814.9	22886.4	24168.7	24664.3	24168.7	22886.4	20814.9	18184.8	15146.3	11531.8	8308.0
-5°	19662.3	21758.8	22969.6	23507.1	22969.6	21758.8	19662.3	17170.7	14169.8	10811.8	7880.8
-7.5°	17905.6	19677.3	20978.1	21549.4	20978.1	19677.3	17905.6	15574.7	12635.7	9637.1	7208.6
-10°	15680.2	17166.0	18320.8	18708.8	18320.8	17166.0	15680.2	13333.8	10761.5	8243.3	6296.7
-12.5°	12599.6	14203.2	15281.2	15676.2	15281.2	14203.2	12599.6	10749.9	8617.3	6941.6	5440.9
-15°	9649.2	10916.3	11675.6	11812.5	11675.6	10916.3	9649.2	8332.1	6964.1	5702.0	4473.1
-17.5°	7226.0	7980.1	8453.5	8657.2	8453.5	7980.1	7226.0	6318.7	5473.9	4501.4	3524.1
-20°	5402.1	5866.5	6115.0	6115.2	6115.0	5866.5	5402.1	4778.6	4136.3	3374.2	2626.2



REPORT NUMBER: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3921.1	4270.2	4461.4	4494.8	4461.4	4270.2	3921.1	3451.1	2942.8	2386.7	1823.3
-25°	2642.8	2898.5	3062.2	3064.9	3062.2	2898.5	2642.8	2298.6	1910.1	1572.0	1191.9
-27.5°	1644.3	1794.1	1882.9	1889.9	1882.9	1794.1	1644.3	1436.1	1168.3	1017.9	827.9
-30°	1007.8	1067.9	1096.1	1089.4	1096.1	1067.9	1007.8	914.9	793.4	703.2	615.9
-32.5°	680.4	709.8	725.6	727.9	725.6	709.8	680.4	637.9	580.5	527.9	487.1
-35°	510.1	524.5	532.0	532.6	532.0	524.5	510.1	488.6	460.6	430.3	406.4
-37.5°	412.4	419.9	423.3	421.2	423.3	419.9	412.4	401.0	385.7	366.7	352.0
-40°	350.6	354.8	357.4	359.9	357.4	354.8	350.6	344.0	335.0	324.2	314.1
-42.5°	307.5	309.6	310.7	311.5	310.7	309.6	307.5	304.0	299.0	292.6	286.0
-45°	277.2	278.1	278.2	277.6	278.2	278.1	277.2	275.2	272.4	268.9	264.9
-47.5°	253.9	254.2	254.1	253.4	254.1	254.2	253.9	252.9	251.4	249.4	246.6
-50°	234.7	233.9	233.2	232.4	233.2	233.9	234.7	235.0	234.6	233.4	231.5
-52.5°	220.3	219.5	218.7	217.9	218.7	219.5	220.3	220.6	220.3	219.1	217.5
-55°	206.9	206.4	205.8	205.0	205.8	206.4	206.9	207.0	206.6	205.9	204.9
-57.5°	195.1	195.0	195.1	195.3	195.1	195.0	195.1	195.0	194.5	194.0	193.0
-60°	183.2	183.4	183.8	184.0	183.8	183.4	183.2	182.5	181.5	180.3	179.0
-62.5°	165.4	165.5	166.7	167.9	166.7	165.5	165.4	164.8	163.7	162.8	161.8
-65°	146.3	146.3	147.4	148.5	147.4	146.3	146.3	145.8	144.8	143.9	142.9
-67.5°	128.2	128.5	129.7	130.7	129.7	128.5	128.2	127.6	126.8	126.0	125.3
-70°	111.2	111.0	112.0	113.0	112.0	111.0	111.2	111.2	110.9	110.3	109.5
-72.5°	95.1	94.8	95.1	95.2	95.1	94.8	95.1	95.1	94.9	94.3	93.6
-75°	78.7	78.7	79.0	79.1	79.0	78.7	78.7	78.4	78.0	77.5	77.0
-77.5°	62.7	62.6	62.8	62.9	62.8	62.6	62.7	62.5	62.3	61.8	61.1
-80°	46.7	46.6	46.7	46.8	46.7	46.6	46.7	46.7	46.5	46.2	45.5
-82.5°	31.9	32.1	32.3	32.3	32.3	32.1	31.9	31.6	31.3	30.8	30.7
-85°	17.6	17.7	17.8	17.8	17.8	17.7	17.6	17.5	17.3	17.0	17.1
-87.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	17.1	17.1	17.0	16.5	15.9	15.4	14.7	14.1	13.4	12.6	11.8
82.5°	30.5	30.2	29.8	28.7	27.5	26.4	25.3	24.3	23.2	22.1	20.9
80°	44.7	43.8	42.9	41.6	40.1	38.4	36.7	35.0	33.2	31.6	30.0
77.5°	60.2	59.1	57.7	56.0	54.1	52.1	49.9	47.7	45.5	43.1	40.7
75°	76.2	75.2	73.7	71.7	69.4	67.0	64.2	61.2	58.1	55.0	52.0
72.5°	92.6	91.5	89.8	87.4	84.6	81.7	78.6	75.1	71.3	67.1	63.4
70°	108.5	107.2	105.6	103.5	100.7	97.5	93.8	89.7	85.4	80.9	76.3
67.5°	124.1	122.5	120.8	118.9	116.5	113.5	109.5	104.8	99.8	94.7	89.3
65°	141.4	139.4	137.2	135.1	132.6	129.5	125.5	120.9	115.5	109.2	102.4
62.5°	160.4	158.6	155.4	152.0	148.7	145.1	140.5	135.5	130.5	124.7	116.7
60°	177.7	176.0	171.9	167.8	163.7	159.4	154.2	148.9	143.6	137.3	129.9
57.5°	191.5	188.9	185.0	181.1	177.1	171.8	166.3	161.1	155.3	149.2	142.3
55°	203.5	200.5	196.5	192.2	187.6	182.4	176.8	171.0	165.5	160.4	153.4
52.5°	215.6	211.9	207.6	202.9	197.8	192.2	186.3	180.1	174.7	169.5	163.6
50°	228.8	224.1	218.9	213.6	208.1	202.0	195.6	189.0	183.8	178.4	172.5
47.5°	242.9	237.3	231.3	225.2	218.9	212.2	205.3	198.2	192.5	186.9	180.8
45°	259.5	252.4	244.6	237.6	230.2	222.9	215.4	208.1	200.9	194.6	188.7
42.5°	278.8	270.4	261.5	252.0	242.4	234.0	225.6	217.7	209.7	202.1	195.3
40°	303.1	290.8	280.5	268.7	257.3	245.8	236.6	227.2	218.4	209.8	202.0
37.5°	335.1	318.0	303.1	287.7	274.1	260.5	248.7	237.9	227.2	217.9	209.1
35°	378.3	354.3	331.0	311.2	292.9	276.8	261.8	249.2	237.3	226.0	216.2
32.5°	439.4	404.3	366.8	340.1	315.0	294.1	276.5	260.8	247.2	234.8	223.5
30°	535.3	473.3	420.1	375.0	342.6	314.2	291.4	273.0	257.0	243.2	230.7
27.5°	691.6	565.3	491.7	424.2	374.1	338.7	309.1	285.0	266.5	251.4	237.7
25°	945.1	731.9	583.0	489.7	417.0	364.8	328.1	299.5	276.8	258.8	242.7
22.5°	1316.4	983.7	727.4	564.9	469.6	400.4	350.7	313.7	286.0	265.2	247.6
20°	1901.9	1308.3	937.8	686.5	531.4	434.6	374.5	330.4	297.3	272.1	252.0
17.5°	2603.2	1810.4	1176.0	817.5	611.5	484.0	402.4	346.5	307.2	278.2	255.7
15°	3310.0	2335.5	1542.1	1007.4	698.9	527.2	426.3	360.3	317.0	285.0	260.4
12.5°	4090.5	2898.2	1866.9	1164.5	788.9	579.2	456.9	379.0	327.6	291.8	264.9
10°	4764.7	3423.7	2257.3	1416.0	907.3	633.8	484.9	395.0	336.5	297.3	268.4
7.5°	5371.7	3872.6	2584.7	1612.3	999.1	677.0	507.4	407.7	343.2	301.3	270.8
5°	5802.5	4215.8	2848.0	1760.6	1064.8	707.0	523.0	416.8	347.6	303.8	272.3
2.5°	6071.3	4422.2	3019.8	1848.7	1097.0	723.4	532.8	421.9	351.3	306.6	273.1
0°	6095.9	4407.7	3043.9	1891.5	1076.5	726.3	537.4	422.9	353.5	308.3	272.8
-2.5°	6071.3	4422.2	3019.8	1848.7	1097.0	723.4	532.8	421.9	351.3	306.6	273.1
-5°	5802.5	4215.8	2848.0	1760.6	1064.8	707.0	523.0	416.8	347.6	303.8	272.3
-7.5°	5371.7	3872.6	2584.7	1612.3	999.1	677.0	507.4	407.7	343.2	301.3	270.8
-10°	4764.7	3423.7	2257.3	1416.0	907.3	633.8	484.9	395.0	336.5	297.3	268.4
-12.5°	4090.5	2898.2	1866.9	1164.5	788.9	579.2	456.9	379.0	327.6	291.8	264.9
-15°	3310.0	2335.5	1542.1	1007.4	698.9	527.2	426.3	360.3	317.0	285.0	260.4
-17.5°	2603.2	1810.4	1176.0	817.5	611.5	484.0	402.4	346.5	307.2	278.2	255.7
-20°	1901.9	1308.3	937.8	686.5	531.4	434.6	374.5	330.4	297.3	272.1	252.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1316.4	983.7	727.4	564.9	469.6	400.4	350.7	313.7	286.0	265.2	247.6
-25°	945.1	731.9	583.0	489.7	417.0	364.8	328.1	299.5	276.8	258.8	242.7
-27.5°	691.6	565.3	491.7	424.2	374.1	338.7	309.1	285.0	266.5	251.4	237.7
-30°	535.3	473.3	420.1	375.0	342.6	314.2	291.4	273.0	257.0	243.2	230.7
-32.5°	439.4	404.3	366.8	340.1	315.0	294.1	276.5	260.8	247.2	234.8	223.5
-35°	378.3	354.3	331.0	311.2	292.9	276.8	261.8	249.2	237.3	226.0	216.2
-37.5°	335.1	318.0	303.1	287.7	274.1	260.5	248.7	237.9	227.2	217.9	209.1
-40°	303.1	290.8	280.5	268.7	257.3	245.8	236.6	227.2	218.4	209.8	202.0
-42.5°	278.8	270.4	261.5	252.0	242.4	234.0	225.6	217.7	209.7	202.1	195.3
-45°	259.5	252.4	244.6	237.6	230.2	222.9	215.4	208.1	200.9	194.6	188.7
-47.5°	242.9	237.3	231.3	225.2	218.9	212.2	205.3	198.2	192.5	186.9	180.8
-50°	228.8	224.1	218.9	213.6	208.1	202.0	195.6	189.0	183.8	178.4	172.5
-52.5°	215.6	211.9	207.6	202.9	197.8	192.2	186.3	180.1	174.7	169.5	163.6
-55°	203.5	200.5	196.5	192.2	187.6	182.4	176.8	171.0	165.5	160.4	153.4
-57.5°	191.5	188.9	185.0	181.1	177.1	171.8	166.3	161.1	155.3	149.2	142.3
-60°	177.7	176.0	171.9	167.8	163.7	159.4	154.2	148.9	143.6	137.3	129.9
-62.5°	160.4	158.6	155.4	152.0	148.7	145.1	140.5	135.5	130.5	124.7	116.7
-65°	141.4	139.4	137.2	135.1	132.6	129.5	125.5	120.9	115.5	109.2	102.4
-67.5°	124.1	122.5	120.8	118.9	116.5	113.5	109.5	104.8	99.8	94.7	89.3
-70°	108.5	107.2	105.6	103.5	100.7	97.5	93.8	89.7	85.4	80.9	76.3
-72.5°	92.6	91.5	89.8	87.4	84.6	81.7	78.6	75.1	71.3	67.1	63.4
-75°	76.2	75.2	73.7	71.7	69.4	67.0	64.2	61.2	58.1	55.0	52.0
-77.5°	60.2	59.1	57.7	56.0	54.1	52.1	49.9	47.7	45.5	43.1	40.7
-80°	44.7	43.8	42.9	41.6	40.1	38.4	36.7	35.0	33.2	31.6	30.0
-82.5°	30.5	30.2	29.8	28.7	27.5	26.4	25.3	24.3	23.2	22.1	20.9
-85°	17.1	17.1	17.0	16.5	15.9	15.4	14.7	14.1	13.4	12.6	11.8
-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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0
85°	11.0	10.2	9.3	8.4	7.4	6.5	6.0	5.5	5.0	4.4	3.9
82.5°	19.7	18.4	17.1	15.8	14.4	12.9	11.4	9.9	8.3	6.8	5.8
80°	28.4	26.7	24.9	23.1	21.3	19.3	17.3	15.3	13.0	10.9	8.8
77.5°	38.1	35.5	32.8	30.5	28.4	26.1	23.6	20.8	17.7	14.9	12.2
75°	48.9	45.7	42.4	39.1	36.0	32.9	30.0	26.7	22.9	19.0	15.6
72.5°	60.0	56.3	52.3	48.2	44.5	40.7	36.8	32.6	28.2	23.7	19.2
70°	71.7	67.1	62.7	58.0	53.3	48.5	43.9	38.9	33.4	28.4	23.3
67.5°	83.8	78.4	73.0	67.8	62.4	56.8	51.2	45.3	39.2	33.0	27.3
65°	96.2	89.8	83.3	77.4	71.4	65.2	58.9	51.7	44.8	38.0	31.3
62.5°	108.9	101.5	94.2	87.1	80.3	73.5	66.4	58.3	50.4	43.0	35.5
60°	121.7	113.1	105.0	97.0	89.2	81.6	73.6	64.8	56.2	47.8	39.7
57.5°	133.9	124.5	115.2	106.5	98.0	89.5	80.6	71.1	61.7	52.6	43.9
55°	145.7	136.1	125.3	115.4	106.3	97.3	87.4	77.3	67.1	57.3	47.9
52.5°	156.2	146.6	135.3	124.1	113.9	104.5	93.9	83.3	72.5	61.8	51.8
50°	165.7	156.0	144.7	132.7	121.2	110.8	100.1	89.0	77.8	66.2	55.6
47.5°	173.8	164.6	153.4	141.0	128.6	116.8	105.7	94.3	82.8	70.7	59.2
45°	181.2	172.8	161.8	149.0	135.5	122.9	111.0	99.3	87.3	75.0	62.7
42.5°	188.2	180.0	169.9	156.9	142.5	128.8	116.1	103.9	91.6	79.2	66.2
40°	194.4	186.2	177.4	164.2	149.1	134.3	121.1	108.3	95.5	82.9	69.6
37.5°	200.6	192.1	183.0	171.0	155.3	140.0	125.7	112.4	99.3	86.3	72.8
35°	207.0	197.9	187.9	176.4	161.2	145.2	130.0	116.2	102.9	89.5	75.8
32.5°	213.1	203.0	192.4	181.0	166.7	149.9	134.1	120.0	106.3	92.5	78.5
30°	219.1	207.3	196.4	185.6	171.5	154.5	138.2	123.5	109.4	95.2	81.0
27.5°	223.7	211.0	199.9	189.3	175.6	158.8	142.2	126.7	112.3	97.7	83.2
25°	227.7	214.6	203.0	192.2	179.6	163.2	145.8	129.6	114.9	100.0	85.2
22.5°	231.8	217.7	205.5	194.6	183.3	167.1	149.3	132.6	117.2	102.1	87.0
20°	235.3	220.1	207.6	196.9	185.8	170.2	152.5	135.2	119.3	104.0	88.6
17.5°	238.3	222.7	209.8	198.8	187.6	172.8	155.3	137.5	121.1	105.6	90.0
15°	241.5	225.3	211.6	200.2	189.1	175.0	157.7	139.4	122.7	106.9	91.2
12.5°	244.1	227.2	213.1	201.2	190.3	176.7	159.6	141.0	123.9	108.2	92.4
10°	246.2	228.5	214.1	201.9	191.3	177.9	161.2	142.5	125.4	109.3	93.4
7.5°	247.7	229.2	214.7	202.2	192.0	179.0	162.7	144.2	126.8	110.2	94.2
5°	248.6	229.5	215.1	202.8	192.4	180.0	163.8	145.4	127.8	110.9	94.8
2.5°	249.8	229.6	215.1	203.2	192.4	180.6	164.4	146.3	128.6	111.3	95.1
0°	250.2	229.2	214.7	203.4	192.1	180.8	164.6	146.9	129.1	111.4	95.2
-2.5°	249.8	229.6	215.1	203.2	192.4	180.6	164.4	146.3	128.6	111.3	95.1
-5°	248.6	229.5	215.1	202.8	192.4	180.0	163.8	145.4	127.8	110.9	94.8
-7.5°	247.7	229.2	214.7	202.2	192.0	179.0	162.7	144.2	126.8	110.2	94.2
-10°	246.2	228.5	214.1	201.9	191.3	177.9	161.2	142.5	125.4	109.3	93.4
-12.5°	244.1	227.2	213.1	201.2	190.3	176.7	159.6	141.0	123.9	108.2	92.4
-15°	241.5	225.3	211.6	200.2	189.1	175.0	157.7	139.4	122.7	106.9	91.2
-17.5°	238.3	222.7	209.8	198.8	187.6	172.8	155.3	137.5	121.1	105.6	90.0
-20°	235.3	220.1	207.6	196.9	185.8	170.2	152.5	135.2	119.3	104.0	88.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	231.8	217.7	205.5	194.6	183.3	167.1	149.3	132.6	117.2	102.1	87.0
-25°	227.7	214.6	203.0	192.2	179.6	163.2	145.8	129.6	114.9	100.0	85.2
-27.5°	223.7	211.0	199.9	189.3	175.6	158.8	142.2	126.7	112.3	97.7	83.2
-30°	219.1	207.3	196.4	185.6	171.5	154.5	138.2	123.5	109.4	95.2	81.0
-32.5°	213.1	203.0	192.4	181.0	166.7	149.9	134.1	120.0	106.3	92.5	78.5
-35°	207.0	197.9	187.9	176.4	161.2	145.2	130.0	116.2	102.9	89.5	75.8
-37.5°	200.6	192.1	183.0	171.0	155.3	140.0	125.7	112.4	99.3	86.3	72.8
-40°	194.4	186.2	177.4	164.2	149.1	134.3	121.1	108.3	95.5	82.9	69.6
-42.5°	188.2	180.0	169.9	156.9	142.5	128.8	116.1	103.9	91.6	79.2	66.2
-45°	181.2	172.8	161.8	149.0	135.5	122.9	111.0	99.3	87.3	75.0	62.7
-47.5°	173.8	164.6	153.4	141.0	128.6	116.8	105.7	94.3	82.8	70.7	59.2
-50°	165.7	156.0	144.7	132.7	121.2	110.8	100.1	89.0	77.8	66.2	55.6
-52.5°	156.2	146.6	135.3	124.1	113.9	104.5	93.9	83.3	72.5	61.8	51.8
-55°	145.7	136.1	125.3	115.4	106.3	97.3	87.4	77.3	67.1	57.3	47.9
-57.5°	133.9	124.5	115.2	106.5	98.0	89.5	80.6	71.1	61.7	52.6	43.9
-60°	121.7	113.1	105.0	97.0	89.2	81.6	73.6	64.8	56.2	47.8	39.7
-62.5°	108.9	101.5	94.2	87.1	80.3	73.5	66.4	58.3	50.4	43.0	35.5
-65°	96.2	89.8	83.3	77.4	71.4	65.2	58.9	51.7	44.8	38.0	31.3
-67.5°	83.8	78.4	73.0	67.8	62.4	56.8	51.2	45.3	39.2	33.0	27.3
-70°	71.7	67.1	62.7	58.0	53.3	48.5	43.9	38.9	33.4	28.4	23.3
-72.5°	60.0	56.3	52.3	48.2	44.5	40.7	36.8	32.6	28.2	23.7	19.2
-75°	48.9	45.7	42.4	39.1	36.0	32.9	30.0	26.7	22.9	19.0	15.6
-77.5°	38.1	35.5	32.8	30.5	28.4	26.1	23.6	20.8	17.7	14.9	12.2
-80°	28.4	26.7	24.9	23.1	21.3	19.3	17.3	15.3	13.0	10.9	8.8
-82.5°	19.7	18.4	17.1	15.8	14.4	12.9	11.4	9.9	8.3	6.8	5.8
-85°	11.0	10.2	9.3	8.4	7.4	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: P626795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
80°	6.8	5.6	4.5	3.4	2.3	1.1	0.0
77.5°	9.7	7.3	5.6	4.2	2.8	1.4	0.0
75°	12.6	9.7	6.8	5.0	3.4	1.7	0.0
72.5°	15.4	12.1	8.7	5.8	3.9	2.0	0.0
70°	18.3	14.4	10.6	6.8	4.4	2.2	0.0
67.5°	21.8	16.7	12.4	8.1	5.0	2.5	0.0
65°	25.2	19.2	14.2	9.5	5.5	2.7	0.0
62.5°	28.6	22.1	16.0	10.8	6.0	3.0	0.0
60°	31.9	24.8	17.7	12.1	6.5	3.2	0.0
57.5°	35.4	27.5	19.9	13.4	7.3	3.5	0.0
55°	38.8	30.2	22.0	14.6	8.2	3.7	0.0
52.5°	42.1	32.7	24.0	15.8	8.9	4.0	0.0
50°	45.2	35.3	26.0	17.0	9.7	4.2	0.0
47.5°	48.2	37.8	27.9	18.1	10.5	4.4	0.0
45°	51.2	40.2	29.7	19.5	11.2	4.6	0.0
42.5°	54.1	42.4	31.5	20.8	11.9	4.8	0.0
40°	56.8	44.6	33.2	22.1	12.5	5.0	0.0
37.5°	59.4	46.6	34.8	23.2	13.1	5.2	0.0
35°	61.9	48.5	36.3	24.3	13.7	5.3	0.0
32.5°	64.2	50.4	37.7	25.3	14.3	5.5	0.0
30°	66.4	52.2	39.0	26.2	14.8	5.6	0.0
27.5°	68.3	53.8	40.1	27.0	15.2	5.8	0.0
25°	70.2	55.3	41.2	27.8	15.7	5.9	0.0
22.5°	71.8	56.7	42.2	28.5	16.1	6.0	0.0
20°	73.2	57.8	43.1	29.0	16.4	6.1	0.0
17.5°	74.5	58.8	44.0	29.5	16.8	6.2	0.0
15°	75.6	59.7	44.7	29.9	17.0	6.3	0.0
12.5°	76.7	60.3	45.3	30.3	17.3	6.3	0.0
10°	77.5	60.8	45.8	30.5	17.5	6.4	0.0
7.5°	78.2	61.2	46.3	30.7	17.6	6.4	0.0
5°	78.7	61.4	46.6	30.8	17.7	6.5	0.0
2.5°	79.0	61.4	46.7	30.8	17.8	6.5	0.0
0°	79.1	61.3	46.8	30.7	17.8	6.5	0.0
-2.5°	79.0	61.4	46.7	30.8	17.8	6.5	0.0
-5°	78.7	61.4	46.6	30.8	17.7	6.5	0.0
-7.5°	78.2	61.2	46.3	30.7	17.6	6.4	0.0
-10°	77.5	60.8	45.8	30.5	17.5	6.4	0.0
-12.5°	76.7	60.3	45.3	30.3	17.3	6.3	0.0
-15°	75.6	59.7	44.7	29.9	17.0	6.3	0.0
-17.5°	74.5	58.8	44.0	29.5	16.8	6.2	0.0
-20°	73.2	57.8	43.1	29.0	16.4	6.1	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.8	56.7	42.2	28.5	16.1	6.0	0.0
-25°	70.2	55.3	41.2	27.8	15.7	5.9	0.0
-27.5°	68.3	53.8	40.1	27.0	15.2	5.8	0.0
-30°	66.4	52.2	39.0	26.2	14.8	5.6	0.0
-32.5°	64.2	50.4	37.7	25.3	14.3	5.5	0.0
-35°	61.9	48.5	36.3	24.3	13.7	5.3	0.0
-37.5°	59.4	46.6	34.8	23.2	13.1	5.2	0.0
-40°	56.8	44.6	33.2	22.1	12.5	5.0	0.0
-42.5°	54.1	42.4	31.5	20.8	11.9	4.8	0.0
-45°	51.2	40.2	29.7	19.5	11.2	4.6	0.0
-47.5°	48.2	37.8	27.9	18.1	10.5	4.4	0.0
-50°	45.2	35.3	26.0	17.0	9.7	4.2	0.0
-52.5°	42.1	32.7	24.0	15.8	8.9	4.0	0.0
-55°	38.8	30.2	22.0	14.6	8.2	3.7	0.0
-57.5°	35.4	27.5	19.9	13.4	7.3	3.5	0.0
-60°	31.9	24.8	17.7	12.1	6.5	3.2	0.0
-62.5°	28.6	22.1	16.0	10.8	6.0	3.0	0.0
-65°	25.2	19.2	14.2	9.5	5.5	2.7	0.0
-67.5°	21.8	16.7	12.4	8.1	5.0	2.5	0.0
-70°	18.3	14.4	10.6	6.8	4.4	2.2	0.0
-72.5°	15.4	12.1	8.7	5.8	3.9	2.0	0.0
-75°	12.6	9.7	6.8	5.0	3.4	1.7	0.0
-77.5°	9.7	7.3	5.6	4.2	2.8	1.4	0.0
-80°	6.8	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)