

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: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626825 (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-SA2B-722-U-MR-XX
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N34
 Light Source: (32) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

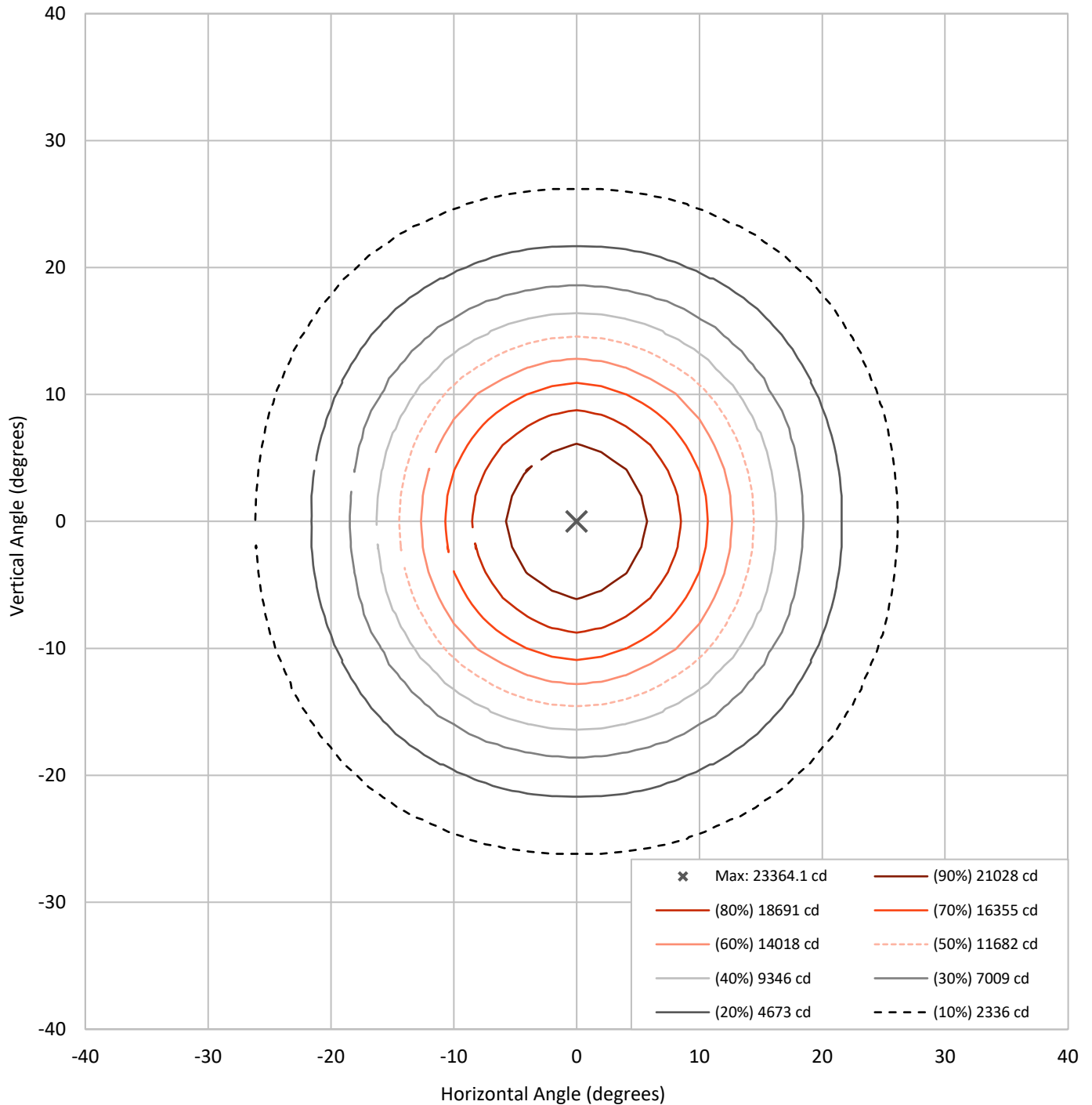
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7299.8 lumens	Max Intensity:	23364.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	3549 lumens	Field Lumens:	5989.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	63.6		
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





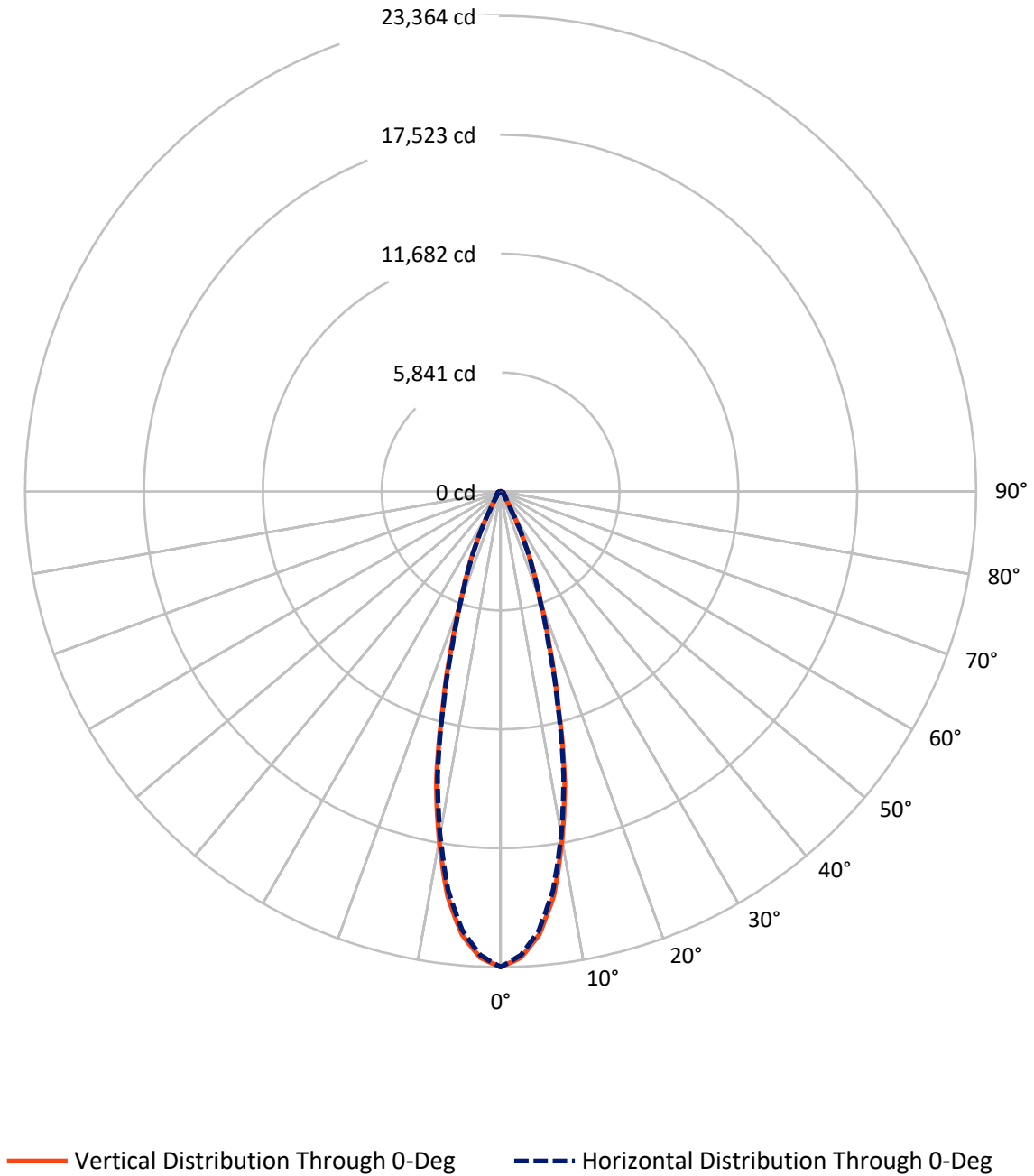
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Lumen Table

90	0.1	1.2	3.2	5.0	5.6	5.0	3.2	1.2	0.1							
80	0.1	1.2	3.2	5.0	5.6	5.0	3.2	1.2	0.1							
70	0.5	0.6	1.3	2.1	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.1	1.3	0.6	0.5
60		0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9	
50	1.0	1.2	2.4	3.8	5.0	6.3	7.4	8.0	8.0	7.4	6.3	5.0	3.8	2.4	1.2	1.0
40		1.4	2.8	4.3	6.1	8.7	12.7	16.4	16.4	12.7	8.7	6.1	4.3	2.8	1.4	
30	1.2	1.6	3.1	4.9	7.8	17.1	48.0	85.2	85.2	48.0	17.1	7.8	4.9	3.1	1.6	1.2
20		1.7	3.3	5.3	10.7	44.8	159.7	306.0	306.0	159.7	44.8	10.7	5.3	3.3	1.7	
10	1.3	1.8	3.3	5.6	13.6	77.3	295.6	581.4	581.4	295.6	77.3	13.6	5.6	3.3	1.8	1.3
0		1.8	3.3	5.6	13.6	77.3	295.6	581.4	581.4	295.6	77.3	13.6	5.6	3.3	1.8	
-10	1.2	1.7	3.3	5.3	10.7	44.8	159.7	306.0	306.0	159.7	44.8	10.7	5.3	3.3	1.7	1.2
-20		1.6	3.1	4.9	7.8	17.1	48.0	85.2	85.2	48.0	17.1	7.8	4.9	3.1	1.6	
-30	1.0	1.4	2.8	4.3	6.1	8.7	12.7	16.4	16.4	12.7	8.7	6.1	4.3	2.8	1.4	1.0
-40		1.2	2.4	3.8	5.0	6.3	7.4	8.0	8.0	7.4	6.3	5.0	3.8	2.4	1.2	
-50	0.5	0.9	1.9	3.0	4.1	5.0	5.6	5.8	5.8	5.6	5.0	4.1	3.0	1.9	0.9	0.5
-60		0.6	1.3	2.1	2.9	3.5	3.9	4.1	4.1	3.9	3.5	2.9	2.1	1.3	0.6	
-70	0.1	1.2	3.2	5.0	5.6	5.0	3.2	1.2	0.1							
-80		0.1	1.2	3.2	5.0	5.6	5.0	3.2	1.2	0.1						
-90	0.1	1.2	3.2	5.0	5.6	5.0	3.2	1.2	0.1							

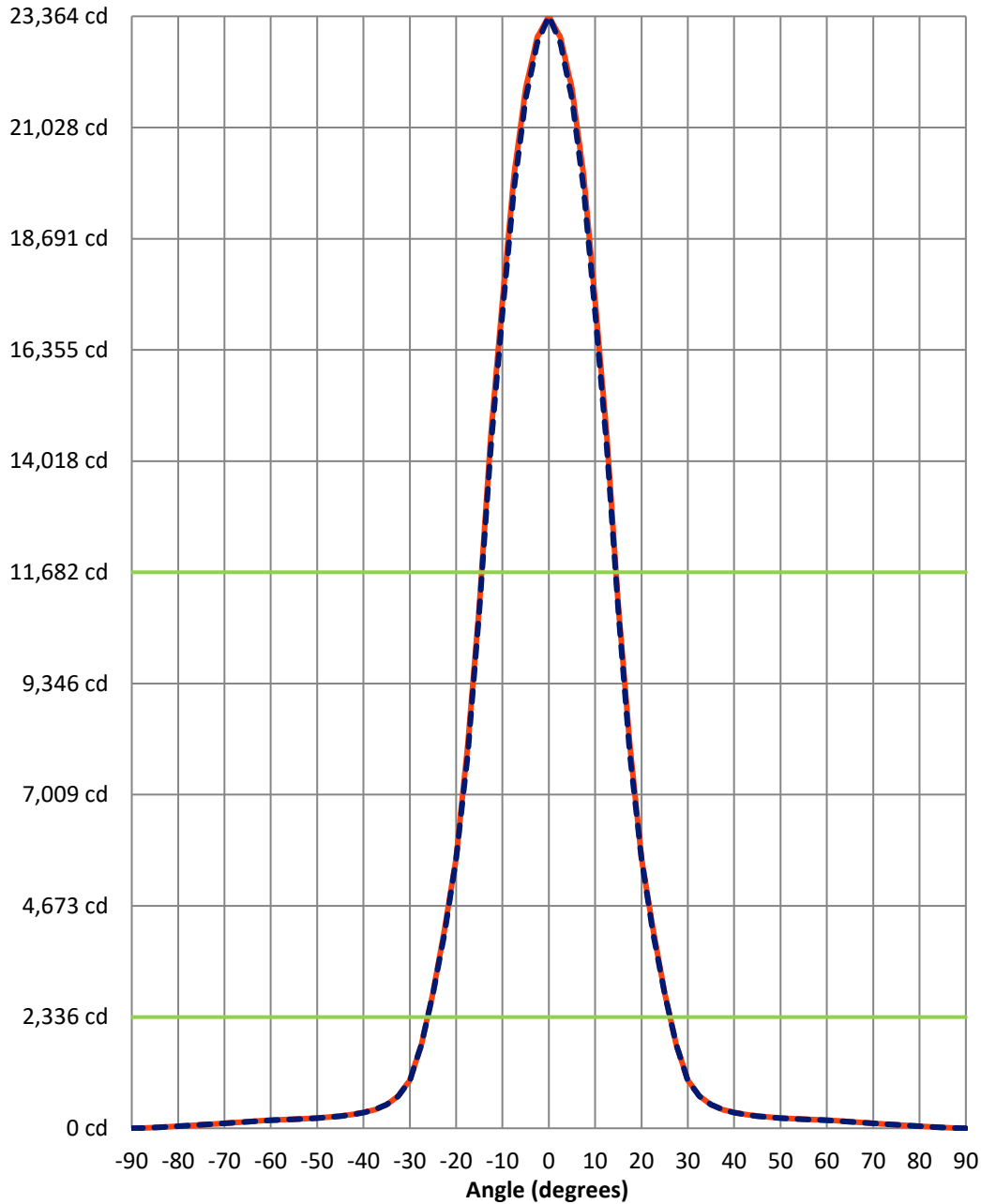
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 3549
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 5989.3
 Efficiency: 82.0%

Spill:
 Lumens: 1310.5
 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	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.2
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.1	12.1	14.2
77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.8	16.4	19.3
75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.5	17.6	21.2	24.8
72.5°	0.0	1.8	3.6	5.4	8.1	11.2	14.2	17.8	22.0	26.2	30.3
70°	0.0	2.1	4.1	6.2	9.8	13.3	16.9	21.6	26.4	31.1	36.2
67.5°	0.0	2.3	4.6	7.5	11.5	15.5	20.2	25.4	30.7	36.4	42.1
65°	0.0	2.5	5.1	8.8	13.2	17.8	23.4	29.1	35.4	41.7	48.1
62.5°	0.0	2.8	5.5	10.0	14.8	20.5	26.6	33.0	40.0	46.9	54.2
60°	0.0	3.0	6.0	11.2	16.4	23.0	29.7	36.9	44.5	52.2	60.2
57.5°	0.0	3.2	6.8	12.4	18.4	25.6	32.9	40.8	48.9	57.3	66.1
55°	0.0	3.4	7.5	13.5	20.4	28.0	36.1	44.5	53.2	62.3	71.9
52.5°	0.0	3.7	8.3	14.6	22.3	30.4	39.1	48.1	57.4	67.4	77.5
50°	0.0	3.9	9.0	15.7	24.1	32.8	42.0	51.7	61.5	72.3	82.7
47.5°	0.0	4.1	9.7	16.8	25.9	35.1	44.8	55.0	65.7	77.0	87.6
45°	0.0	4.2	10.3	18.1	27.6	37.3	47.6	58.3	69.7	81.2	92.3
42.5°	0.0	4.4	11.0	19.3	29.2	39.4	50.3	61.5	73.6	85.1	96.5
40°	0.0	4.6	11.6	20.5	30.8	41.4	52.8	64.7	77.1	88.8	100.6
37.5°	0.0	4.8	12.2	21.5	32.3	43.3	55.2	67.6	80.2	92.3	104.4
35°	0.0	4.9	12.7	22.6	33.7	45.1	57.5	70.4	83.2	95.6	108.0
32.5°	0.0	5.1	13.2	23.5	35.0	46.9	59.6	72.9	85.9	98.7	111.5
30°	0.0	5.2	13.7	24.3	36.2	48.5	61.7	75.3	88.5	101.6	114.8
27.5°	0.0	5.3	14.1	25.1	37.3	50.0	63.5	77.3	90.8	104.3	117.7
25°	0.0	5.4	14.5	25.8	38.3	51.4	65.2	79.2	93.0	106.7	120.5
22.5°	0.0	5.5	14.9	26.4	39.2	52.7	66.7	80.8	94.9	108.9	123.2
20°	0.0	5.6	15.2	27.0	40.1	53.8	68.0	82.3	96.6	110.9	125.7
17.5°	0.0	5.7	15.5	27.4	40.9	54.7	69.2	83.6	98.1	112.6	127.8
15°	0.0	5.8	15.8	27.8	41.5	55.5	70.3	84.8	99.4	114.0	129.6
12.5°	0.0	5.9	16.0	28.1	42.1	56.1	71.2	85.9	100.5	115.2	131.1
10°	0.0	5.9	16.2	28.3	42.6	56.6	72.0	86.9	101.6	116.6	132.4
7.5°	0.0	5.9	16.3	28.5	43.0	56.9	72.7	87.6	102.4	117.8	133.9
5°	0.0	6.0	16.4	28.6	43.3	57.1	73.1	88.1	103.0	118.8	135.1
2.5°	0.0	6.0	16.5	28.6	43.4	57.1	73.4	88.4	103.4	119.5	136.0
0°	0.0	6.0	16.5	28.5	43.5	57.0	73.5	88.5	103.5	120.0	136.5
-2.5°	0.0	6.0	16.5	28.6	43.4	57.1	73.4	88.4	103.4	119.5	136.0
-5°	0.0	6.0	16.4	28.6	43.3	57.1	73.1	88.1	103.0	118.8	135.1
-7.5°	0.0	5.9	16.3	28.5	43.0	56.9	72.7	87.6	102.4	117.8	133.9
-10°	0.0	5.9	16.2	28.3	42.6	56.6	72.0	86.9	101.6	116.6	132.4
-12.5°	0.0	5.9	16.0	28.1	42.1	56.1	71.2	85.9	100.5	115.2	131.1
-15°	0.0	5.8	15.8	27.8	41.5	55.5	70.3	84.8	99.4	114.0	129.6
-17.5°	0.0	5.7	15.5	27.4	40.9	54.7	69.2	83.6	98.1	112.6	127.8
-20°	0.0	5.6	15.2	27.0	40.1	53.8	68.0	82.3	96.6	110.9	125.7

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Scaled Data Report



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	14.9	26.4	39.2	52.7	66.7	80.8	94.9	108.9	123.2
-25°	0.0	5.4	14.5	25.8	38.3	51.4	65.2	79.2	93.0	106.7	120.5
-27.5°	0.0	5.3	14.1	25.1	37.3	50.0	63.5	77.3	90.8	104.3	117.7
-30°	0.0	5.2	13.7	24.3	36.2	48.5	61.7	75.3	88.5	101.6	114.8
-32.5°	0.0	5.1	13.2	23.5	35.0	46.9	59.6	72.9	85.9	98.7	111.5
-35°	0.0	4.9	12.7	22.6	33.7	45.1	57.5	70.4	83.2	95.6	108.0
-37.5°	0.0	4.8	12.2	21.5	32.3	43.3	55.2	67.6	80.2	92.3	104.4
-40°	0.0	4.6	11.6	20.5	30.8	41.4	52.8	64.7	77.1	88.8	100.6
-42.5°	0.0	4.4	11.0	19.3	29.2	39.4	50.3	61.5	73.6	85.1	96.5
-45°	0.0	4.2	10.3	18.1	27.6	37.3	47.6	58.3	69.7	81.2	92.3
-47.5°	0.0	4.1	9.7	16.8	25.9	35.1	44.8	55.0	65.7	77.0	87.6
-50°	0.0	3.9	9.0	15.7	24.1	32.8	42.0	51.7	61.5	72.3	82.7
-52.5°	0.0	3.7	8.3	14.6	22.3	30.4	39.1	48.1	57.4	67.4	77.5
-55°	0.0	3.4	7.5	13.5	20.4	28.0	36.1	44.5	53.2	62.3	71.9
-57.5°	0.0	3.2	6.8	12.4	18.4	25.6	32.9	40.8	48.9	57.3	66.1
-60°	0.0	3.0	6.0	11.2	16.4	23.0	29.7	36.9	44.5	52.2	60.2
-62.5°	0.0	2.8	5.5	10.0	14.8	20.5	26.6	33.0	40.0	46.9	54.2
-65°	0.0	2.5	5.1	8.8	13.2	17.8	23.4	29.1	35.4	41.7	48.1
-67.5°	0.0	2.3	4.6	7.5	11.5	15.5	20.2	25.4	30.7	36.4	42.1
-70°	0.0	2.1	4.1	6.2	9.8	13.3	16.9	21.6	26.4	31.1	36.2
-72.5°	0.0	1.8	3.6	5.4	8.1	11.2	14.2	17.8	22.0	26.2	30.3
-75°	0.0	1.6	3.1	4.6	6.3	9.0	11.6	14.5	17.6	21.2	24.8
-77.5°	0.0	1.3	2.6	3.9	5.2	6.8	9.0	11.3	13.8	16.4	19.3
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.3	8.1	10.1	12.1	14.2
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.3	7.7	9.2
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.9	7.8	8.6	9.4	10.2	11.0	11.7	12.4	13.0
82.5°	10.6	12.0	13.3	14.6	15.9	17.1	18.3	19.4	20.5	21.5	22.5
80°	16.1	17.9	19.8	21.5	23.1	24.8	26.3	27.9	29.3	30.9	32.5
77.5°	21.9	24.2	26.4	28.3	30.4	33.0	35.4	37.8	40.1	42.3	44.3
75°	27.9	30.5	33.5	36.4	39.4	42.5	45.4	48.3	51.1	54.0	56.8
72.5°	34.2	37.8	41.3	44.8	48.6	52.3	55.7	58.8	62.4	66.3	69.8
70°	40.9	45.1	49.5	53.9	58.2	62.4	66.6	70.9	75.2	79.4	83.4
67.5°	47.6	52.8	58.0	63.0	67.9	72.9	77.9	83.0	88.0	92.7	97.4
65°	54.7	60.6	66.4	72.0	77.4	83.5	89.4	95.2	101.5	107.3	112.4
62.5°	61.7	68.3	74.6	81.0	87.6	94.3	101.2	108.4	115.9	121.3	126.0
60°	68.4	75.8	82.9	90.2	97.6	105.1	113.1	120.8	127.6	133.5	138.4
57.5°	74.9	83.2	91.1	99.0	107.1	115.7	124.4	132.3	138.6	144.3	149.7
55°	81.2	90.5	98.8	107.2	116.4	126.5	135.4	142.6	149.1	153.8	158.9
52.5°	87.3	97.1	105.9	115.3	125.8	136.3	145.2	152.1	157.5	162.4	167.4
50°	93.0	103.0	112.7	123.4	134.5	145.0	154.0	160.3	165.8	170.9	175.7
47.5°	98.3	108.6	119.5	131.0	142.6	153.0	161.6	168.1	173.8	179.0	184.2
45°	103.2	114.3	125.9	138.5	150.3	160.6	168.5	175.4	180.9	186.8	193.4
42.5°	107.9	119.7	132.4	145.8	157.9	167.3	174.9	181.6	187.9	194.9	202.3
40°	112.5	124.9	138.6	152.6	164.9	173.1	180.7	187.8	195.1	203.0	211.1
37.5°	116.8	130.1	144.3	159.0	170.1	178.6	186.5	194.3	202.5	211.1	221.1
35°	120.8	134.9	149.8	164.0	174.7	183.9	192.4	200.9	210.1	220.6	231.6
32.5°	124.7	139.3	154.9	168.2	178.9	188.7	198.0	207.7	218.2	229.7	242.4
30°	128.4	143.6	159.4	172.5	182.6	192.7	203.6	214.4	226.0	238.8	253.7
27.5°	132.1	147.5	163.2	175.9	185.8	196.1	207.8	220.9	233.6	247.7	264.8
25°	135.5	151.6	166.9	178.6	188.6	199.4	211.7	225.6	240.5	257.2	278.2
22.5°	138.7	155.3	170.4	180.9	191.0	202.3	215.5	230.2	246.4	265.7	291.5
20°	141.7	158.2	172.7	183.0	192.9	204.6	218.8	234.2	252.8	276.2	307.0
17.5°	144.3	160.6	174.3	184.7	195.0	207.0	221.6	237.7	258.6	285.5	321.9
15°	146.5	162.6	175.7	186.1	196.7	209.4	224.4	242.0	264.9	294.5	334.8
12.5°	148.4	164.2	176.9	187.0	198.0	211.2	226.9	246.2	271.1	304.4	352.1
10°	149.8	165.3	177.8	187.6	199.0	212.4	228.8	249.4	276.2	312.7	367.0
7.5°	151.2	166.3	178.4	187.9	199.5	213.0	230.1	251.7	279.9	318.9	378.8
5°	152.2	167.2	178.8	188.4	199.9	213.3	231.1	253.0	282.3	323.0	387.2
2.5°	152.8	167.8	178.8	188.8	199.9	213.4	232.1	253.8	284.8	326.4	392.0
0°	153.0	168.0	178.5	189.0	199.5	213.0	232.5	253.5	286.4	328.4	392.9
-2.5°	152.8	167.8	178.8	188.8	199.9	213.4	232.1	253.8	284.8	326.4	392.0
-5°	152.2	167.2	178.8	188.4	199.9	213.3	231.1	253.0	282.3	323.0	387.2
-7.5°	151.2	166.3	178.4	187.9	199.5	213.0	230.1	251.7	279.9	318.9	378.8
-10°	149.8	165.3	177.8	187.6	199.0	212.4	228.8	249.4	276.2	312.7	367.0
-12.5°	148.4	164.2	176.9	187.0	198.0	211.2	226.9	246.2	271.1	304.4	352.1
-15°	146.5	162.6	175.7	186.1	196.7	209.4	224.4	242.0	264.9	294.5	334.8
-17.5°	144.3	160.6	174.3	184.7	195.0	207.0	221.6	237.7	258.6	285.5	321.9
-20°	141.7	158.2	172.7	183.0	192.9	204.6	218.8	234.2	252.8	276.2	307.0



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	138.7	155.3	170.4	180.9	191.0	202.3	215.5	230.2	246.4	265.7	291.5
-25°	135.5	151.6	166.9	178.6	188.6	199.4	211.7	225.6	240.5	257.2	278.2
-27.5°	132.1	147.5	163.2	175.9	185.8	196.1	207.8	220.9	233.6	247.7	264.8
-30°	128.4	143.6	159.4	172.5	182.6	192.7	203.6	214.4	226.0	238.8	253.7
-32.5°	124.7	139.3	154.9	168.2	178.9	188.7	198.0	207.7	218.2	229.7	242.4
-35°	120.8	134.9	149.8	164.0	174.7	183.9	192.4	200.9	210.1	220.6	231.6
-37.5°	116.8	130.1	144.3	159.0	170.1	178.6	186.5	194.3	202.5	211.1	221.1
-40°	112.5	124.9	138.6	152.6	164.9	173.1	180.7	187.8	195.1	203.0	211.1
-42.5°	107.9	119.7	132.4	145.8	157.9	167.3	174.9	181.6	187.9	194.9	202.3
-45°	103.2	114.3	125.9	138.5	150.3	160.6	168.5	175.4	180.9	186.8	193.4
-47.5°	98.3	108.6	119.5	131.0	142.6	153.0	161.6	168.1	173.8	179.0	184.2
-50°	93.0	103.0	112.7	123.4	134.5	145.0	154.0	160.3	165.8	170.9	175.7
-52.5°	87.3	97.1	105.9	115.3	125.8	136.3	145.2	152.1	157.5	162.4	167.4
-55°	81.2	90.5	98.8	107.2	116.4	126.5	135.4	142.6	149.1	153.8	158.9
-57.5°	74.9	83.2	91.1	99.0	107.1	115.7	124.4	132.3	138.6	144.3	149.7
-60°	68.4	75.8	82.9	90.2	97.6	105.1	113.1	120.8	127.6	133.5	138.4
-62.5°	61.7	68.3	74.6	81.0	87.6	94.3	101.2	108.4	115.9	121.3	126.0
-65°	54.7	60.6	66.4	72.0	77.4	83.5	89.4	95.2	101.5	107.3	112.4
-67.5°	47.6	52.8	58.0	63.0	67.9	72.9	77.9	83.0	88.0	92.7	97.4
-70°	40.9	45.1	49.5	53.9	58.2	62.4	66.6	70.9	75.2	79.4	83.4
-72.5°	34.2	37.8	41.3	44.8	48.6	52.3	55.7	58.8	62.4	66.3	69.8
-75°	27.9	30.5	33.5	36.4	39.4	42.5	45.4	48.3	51.1	54.0	56.8
-77.5°	21.9	24.2	26.4	28.3	30.4	33.0	35.4	37.8	40.1	42.3	44.3
-80°	16.1	17.9	19.8	21.5	23.1	24.8	26.3	27.9	29.3	30.9	32.5
-82.5°	10.6	12.0	13.3	14.6	15.9	17.1	18.3	19.4	20.5	21.5	22.5
-85°	5.5	6.0	6.9	7.8	8.6	9.4	10.2	11.0	11.7	12.4	13.0
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
85°	13.7	14.2	14.8	15.3	15.7	15.9	15.9	15.9	15.8	16.0	16.2
82.5°	23.5	24.5	25.6	26.6	27.7	28.1	28.3	28.5	28.6	29.0	29.4
80°	34.1	35.7	37.3	38.7	39.9	40.8	41.5	42.3	42.9	43.2	43.4
77.5°	46.4	48.4	50.3	52.1	53.7	54.9	56.0	56.8	57.4	57.9	58.1
75°	59.7	62.2	64.5	66.6	68.5	69.9	70.8	71.5	72.0	72.5	72.9
72.5°	73.1	76.0	78.7	81.2	83.4	85.0	86.1	87.0	87.7	88.2	88.4
70°	87.1	90.6	93.6	96.1	98.1	99.7	100.8	101.8	102.5	103.0	103.3
67.5°	101.7	105.4	108.2	110.5	112.3	113.9	115.3	116.4	117.1	117.9	118.6
65°	116.6	120.4	123.2	125.6	127.5	129.6	131.4	132.8	133.8	134.6	135.5
62.5°	130.6	134.9	138.2	141.2	144.4	147.3	149.0	150.4	151.3	152.1	153.1
60°	143.3	148.1	152.2	155.9	159.7	163.6	165.1	166.4	167.6	168.7	169.6
57.5°	154.5	159.7	164.6	168.3	172.0	175.6	178.0	179.4	180.3	180.8	181.2
55°	164.4	169.5	174.4	178.7	182.6	186.3	189.1	190.4	191.4	192.0	192.4
52.5°	173.1	178.7	183.9	188.6	192.9	196.9	200.3	202.2	203.6	204.7	205.0
50°	181.8	187.7	193.4	198.5	203.5	208.2	212.6	215.1	216.9	218.0	218.4
47.5°	190.8	197.3	203.4	209.3	214.9	220.6	225.8	229.2	231.8	233.7	235.0
45°	200.2	207.1	213.9	220.9	227.4	234.6	241.2	246.2	249.9	253.1	255.7
42.5°	209.6	217.4	225.3	234.2	243.1	251.3	259.1	265.7	271.8	277.8	282.4
40°	219.9	228.5	239.1	249.7	260.6	270.2	281.6	291.8	301.2	311.3	319.7
37.5°	231.1	242.1	254.7	267.4	281.6	295.4	311.3	327.0	340.7	358.4	372.6
35°	243.4	257.2	272.1	289.1	307.5	329.2	351.5	377.6	399.8	428.0	454.0
32.5°	256.9	273.3	292.6	316.0	340.8	375.6	408.3	452.6	490.5	539.4	592.8
30°	270.7	291.9	318.3	348.4	390.4	439.8	497.4	572.3	653.4	737.3	850.1
27.5°	287.1	314.6	347.6	394.2	456.9	525.3	642.7	769.4	945.9	1085.6	1334.5
25°	304.8	338.9	387.5	455.1	541.7	680.2	878.2	1107.6	1460.7	1774.9	2136.0
22.5°	325.8	372.0	436.4	524.9	676.0	914.1	1223.2	1694.2	2217.7	2734.5	3206.8
20°	348.0	403.8	493.8	637.9	871.5	1215.7	1767.3	2440.3	3135.4	3843.6	4440.4
17.5°	373.9	449.7	568.2	759.7	1092.8	1682.2	2419.0	3274.7	4182.9	5086.5	5871.5
15°	396.1	489.8	649.4	936.1	1433.0	2170.2	3075.7	4156.5	5298.5	6471.3	7742.3
12.5°	424.5	538.2	733.1	1082.0	1734.8	2693.0	3801.0	5055.8	6450.3	8007.5	9989.0
10°	450.6	588.9	843.1	1315.8	2097.5	3181.4	4427.5	5851.1	7659.9	9999.9	12390.1
7.5°	471.4	629.1	928.4	1498.2	2401.8	3598.6	4991.5	6698.4	8955.0	11741.4	14472.4
5°	486.0	657.0	989.5	1636.0	2646.5	3917.4	5391.8	7323.0	10046.6	13166.9	15955.4
2.5°	495.1	672.3	1019.4	1717.9	2806.1	4109.3	5641.6	7720.0	10715.7	14074.4	16897.7
0°	499.4	674.9	1000.3	1757.7	2828.5	4095.7	5664.4	7852.5	10874.4	14320.8	17132.7
-2.5°	495.1	672.3	1019.4	1717.9	2806.1	4109.3	5641.6	7720.0	10715.7	14074.4	16897.7
-5°	486.0	657.0	989.5	1636.0	2646.5	3917.4	5391.8	7323.0	10046.6	13166.9	15955.4
-7.5°	471.4	629.1	928.4	1498.2	2401.8	3598.6	4991.5	6698.4	8955.0	11741.4	14472.4
-10°	450.6	588.9	843.1	1315.8	2097.5	3181.4	4427.5	5851.1	7659.9	9999.9	12390.1
-12.5°	424.5	538.2	733.1	1082.0	1734.8	2693.0	3801.0	5055.8	6450.3	8007.5	9989.0
-15°	396.1	489.8	649.4	936.1	1433.0	2170.2	3075.7	4156.5	5298.5	6471.3	7742.3
-17.5°	373.9	449.7	568.2	759.7	1092.8	1682.2	2419.0	3274.7	4182.9	5086.5	5871.5
-20°	348.0	403.8	493.8	637.9	871.5	1215.7	1767.3	2440.3	3135.4	3843.6	4440.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	325.8	372.0	436.4	524.9	676.0	914.1	1223.2	1694.2	2217.7	2734.5	3206.8
-25°	304.8	338.9	387.5	455.1	541.7	680.2	878.2	1107.6	1460.7	1774.9	2136.0
-27.5°	287.1	314.6	347.6	394.2	456.9	525.3	642.7	769.4	945.9	1085.6	1334.5
-30°	270.7	291.9	318.3	348.4	390.4	439.8	497.4	572.3	653.4	737.3	850.1
-32.5°	256.9	273.3	292.6	316.0	340.8	375.6	408.3	452.6	490.5	539.4	592.8
-35°	243.4	257.2	272.1	289.1	307.5	329.2	351.5	377.6	399.8	428.0	454.0
-37.5°	231.1	242.1	254.7	267.4	281.6	295.4	311.3	327.0	340.7	358.4	372.6
-40°	219.9	228.5	239.1	249.7	260.6	270.2	281.6	291.8	301.2	311.3	319.7
-42.5°	209.6	217.4	225.3	234.2	243.1	251.3	259.1	265.7	271.8	277.8	282.4
-45°	200.2	207.1	213.9	220.9	227.4	234.6	241.2	246.2	249.9	253.1	255.7
-47.5°	190.8	197.3	203.4	209.3	214.9	220.6	225.8	229.2	231.8	233.7	235.0
-50°	181.8	187.7	193.4	198.5	203.5	208.2	212.6	215.1	216.9	218.0	218.4
-52.5°	173.1	178.7	183.9	188.6	192.9	196.9	200.3	202.2	203.6	204.7	205.0
-55°	164.4	169.5	174.4	178.7	182.6	186.3	189.1	190.4	191.4	192.0	192.4
-57.5°	154.5	159.7	164.6	168.3	172.0	175.6	178.0	179.4	180.3	180.8	181.2
-60°	143.3	148.1	152.2	155.9	159.7	163.6	165.1	166.4	167.6	168.7	169.6
-62.5°	130.6	134.9	138.2	141.2	144.4	147.3	149.0	150.4	151.3	152.1	153.1
-65°	116.6	120.4	123.2	125.6	127.5	129.6	131.4	132.8	133.8	134.6	135.5
-67.5°	101.7	105.4	108.2	110.5	112.3	113.9	115.3	116.4	117.1	117.9	118.6
-70°	87.1	90.6	93.6	96.1	98.1	99.7	100.8	101.8	102.5	103.0	103.3
-72.5°	73.1	76.0	78.7	81.2	83.4	85.0	86.1	87.0	87.7	88.2	88.4
-75°	59.7	62.2	64.5	66.6	68.5	69.9	70.8	71.5	72.0	72.5	72.9
-77.5°	46.4	48.4	50.3	52.1	53.7	54.9	56.0	56.8	57.4	57.9	58.1
-80°	34.1	35.7	37.3	38.7	39.9	40.8	41.5	42.3	42.9	43.2	43.4
-82.5°	23.5	24.5	25.6	26.6	27.7	28.1	28.3	28.5	28.6	29.0	29.4
-85°	13.7	14.2	14.8	15.3	15.7	15.9	15.9	15.9	15.8	16.0	16.2
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-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: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-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°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
85°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.9
82.5°	29.7	29.8	30.0	30.0	30.0	29.8	29.7	29.4	29.0	28.6	28.5
80°	43.4	43.3	43.4	43.5	43.4	43.3	43.4	43.4	43.2	42.9	42.3
77.5°	58.3	58.2	58.4	58.5	58.4	58.2	58.3	58.1	57.9	57.4	56.8
75°	73.1	73.2	73.4	73.5	73.4	73.2	73.1	72.9	72.5	72.0	71.5
72.5°	88.4	88.2	88.4	88.5	88.4	88.2	88.4	88.4	88.2	87.7	87.0
70°	103.3	103.1	104.1	105.0	104.1	103.1	103.3	103.3	103.0	102.5	101.8
67.5°	119.2	119.5	120.5	121.5	120.5	119.5	119.2	118.6	117.9	117.1	116.4
65°	135.9	136.0	137.0	138.0	137.0	136.0	135.9	135.5	134.6	133.8	132.8
62.5°	153.7	153.9	155.0	156.0	155.0	153.9	153.7	153.1	152.1	151.3	150.4
60°	170.2	170.4	170.8	171.0	170.8	170.4	170.2	169.6	168.7	167.6	166.4
57.5°	181.4	181.2	181.4	181.5	181.4	181.2	181.4	181.2	180.8	180.3	179.4
55°	192.3	191.8	191.3	190.5	191.3	191.8	192.3	192.4	192.0	191.4	190.4
52.5°	204.8	204.0	203.2	202.5	203.2	204.0	204.8	205.0	204.7	203.6	202.2
50°	218.1	217.4	216.7	216.0	216.7	217.4	218.1	218.4	218.0	216.9	215.1
47.5°	236.0	236.3	236.1	235.5	236.1	236.3	236.0	235.0	233.7	231.8	229.2
45°	257.6	258.4	258.6	258.0	258.6	258.4	257.6	255.7	253.1	249.9	246.2
42.5°	285.7	287.6	288.7	289.4	288.7	287.6	285.7	282.4	277.8	271.8	265.7
40°	325.8	329.6	332.1	334.4	332.1	329.6	325.8	319.7	311.3	301.2	291.8
37.5°	383.2	390.2	393.3	391.4	393.3	390.2	383.2	372.6	358.4	340.7	327.0
35°	474.0	487.4	494.3	494.9	494.3	487.4	474.0	454.0	428.0	399.8	377.6
32.5°	632.2	659.6	674.3	676.4	674.3	659.6	632.2	592.8	539.4	490.5	452.6
30°	936.5	992.3	1018.5	1012.3	1018.5	992.3	936.5	850.1	737.3	653.4	572.3
27.5°	1527.9	1667.1	1749.6	1756.2	1749.6	1667.1	1527.9	1334.5	1085.6	945.9	769.4
25°	2455.7	2693.3	2845.5	2848.0	2845.5	2693.3	2455.7	2136.0	1774.9	1460.7	1107.6
22.5°	3643.6	3967.9	4145.7	4176.7	4145.7	3967.9	3643.6	3206.8	2734.5	2217.7	1694.2
20°	5019.8	5451.3	5682.1	5682.4	5682.1	5451.3	5019.8	4440.4	3843.6	3135.4	2440.3
17.5°	6714.6	7415.3	7855.2	8044.5	7855.2	7415.3	6714.6	5871.5	5086.5	4182.9	3274.7
15°	8966.3	10143.7	10849.3	10976.4	10849.3	10143.7	8966.3	7742.3	6471.3	5298.5	4156.5
12.5°	11707.9	13198.0	14199.6	14566.7	14199.6	13198.0	11707.9	9989.0	8007.5	6450.3	5055.8
10°	14570.3	15951.0	17024.1	17384.7	17024.1	15951.0	14570.3	12390.1	9999.9	7659.9	5851.1
7.5°	16638.2	18284.6	19493.4	20024.2	19493.4	18284.6	16638.2	14472.4	11741.4	8955.0	6698.4
5°	18270.7	20218.7	21344.0	21843.3	21344.0	20218.7	18270.7	15955.4	13166.9	10046.6	7323.0
2.5°	19341.8	21266.6	22458.1	22918.6	22458.1	21266.6	19341.8	16897.7	14074.4	10715.7	7720.0
0°	19742.2	21624.4	22801.7	23364.1	22801.7	21624.4	19742.2	17132.7	14320.8	10874.4	7852.5
-2.5°	19341.8	21266.6	22458.1	22918.6	22458.1	21266.6	19341.8	16897.7	14074.4	10715.7	7720.0
-5°	18270.7	20218.7	21344.0	21843.3	21344.0	20218.7	18270.7	15955.4	13166.9	10046.6	7323.0
-7.5°	16638.2	18284.6	19493.4	20024.2	19493.4	18284.6	16638.2	14472.4	11741.4	8955.0	6698.4
-10°	14570.3	15951.0	17024.1	17384.7	17024.1	15951.0	14570.3	12390.1	9999.9	7659.9	5851.1
-12.5°	11707.9	13198.0	14199.6	14566.7	14199.6	13198.0	11707.9	9989.0	8007.5	6450.3	5055.8
-15°	8966.3	10143.7	10849.3	10976.4	10849.3	10143.7	8966.3	7742.3	6471.3	5298.5	4156.5
-17.5°	6714.6	7415.3	7855.2	8044.5	7855.2	7415.3	6714.6	5871.5	5086.5	4182.9	3274.7
-20°	5019.8	5451.3	5682.1	5682.4	5682.1	5451.3	5019.8	4440.4	3843.6	3135.4	2440.3



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	3643.6	3967.9	4145.7	4176.7	4145.7	3967.9	3643.6	3206.8	2734.5	2217.7	1694.2
-25°	2455.7	2693.3	2845.5	2848.0	2845.5	2693.3	2455.7	2136.0	1774.9	1460.7	1107.6
-27.5°	1527.9	1667.1	1749.6	1756.2	1749.6	1667.1	1527.9	1334.5	1085.6	945.9	769.4
-30°	936.5	992.3	1018.5	1012.3	1018.5	992.3	936.5	850.1	737.3	653.4	572.3
-32.5°	632.2	659.6	674.3	676.4	674.3	659.6	632.2	592.8	539.4	490.5	452.6
-35°	474.0	487.4	494.3	494.9	494.3	487.4	474.0	454.0	428.0	399.8	377.6
-37.5°	383.2	390.2	393.3	391.4	393.3	390.2	383.2	372.6	358.4	340.7	327.0
-40°	325.8	329.6	332.1	334.4	332.1	329.6	325.8	319.7	311.3	301.2	291.8
-42.5°	285.7	287.6	288.7	289.4	288.7	287.6	285.7	282.4	277.8	271.8	265.7
-45°	257.6	258.4	258.6	258.0	258.6	258.4	257.6	255.7	253.1	249.9	246.2
-47.5°	236.0	236.3	236.1	235.5	236.1	236.3	236.0	235.0	233.7	231.8	229.2
-50°	218.1	217.4	216.7	216.0	216.7	217.4	218.1	218.4	218.0	216.9	215.1
-52.5°	204.8	204.0	203.2	202.5	203.2	204.0	204.8	205.0	204.7	203.6	202.2
-55°	192.3	191.8	191.3	190.5	191.3	191.8	192.3	192.4	192.0	191.4	190.4
-57.5°	181.4	181.2	181.4	181.5	181.4	181.2	181.4	181.2	180.8	180.3	179.4
-60°	170.2	170.4	170.8	171.0	170.8	170.4	170.2	169.6	168.7	167.6	166.4
-62.5°	153.7	153.9	155.0	156.0	155.0	153.9	153.7	153.1	152.1	151.3	150.4
-65°	135.9	136.0	137.0	138.0	137.0	136.0	135.9	135.5	134.6	133.8	132.8
-67.5°	119.2	119.5	120.5	121.5	120.5	119.5	119.2	118.6	117.9	117.1	116.4
-70°	103.3	103.1	104.1	105.0	104.1	103.1	103.3	103.3	103.0	102.5	101.8
-72.5°	88.4	88.2	88.4	88.5	88.4	88.2	88.4	88.4	88.2	87.7	87.0
-75°	73.1	73.2	73.4	73.5	73.4	73.2	73.1	72.9	72.5	72.0	71.5
-77.5°	58.3	58.2	58.4	58.5	58.4	58.2	58.3	58.1	57.9	57.4	56.8
-80°	43.4	43.3	43.4	43.5	43.4	43.3	43.4	43.4	43.2	42.9	42.3
-82.5°	29.7	29.8	30.0	30.0	30.0	29.8	29.7	29.4	29.0	28.6	28.5
-85°	16.3	16.4	16.5	16.5	16.5	16.4	16.3	16.2	16.0	15.8	15.9
-87.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	15.9	15.9	15.7	15.3	14.8	14.2	13.7	13.0	12.4	11.7	11.0
82.5°	28.3	28.1	27.7	26.6	25.6	24.5	23.5	22.5	21.5	20.5	19.4
80°	41.5	40.8	39.9	38.7	37.3	35.7	34.1	32.5	30.9	29.3	27.9
77.5°	56.0	54.9	53.7	52.1	50.3	48.4	46.4	44.3	42.3	40.1	37.8
75°	70.8	69.9	68.5	66.6	64.5	62.2	59.7	56.8	54.0	51.1	48.3
72.5°	86.1	85.0	83.4	81.2	78.7	76.0	73.1	69.8	66.3	62.4	58.8
70°	100.8	99.7	98.1	96.1	93.6	90.6	87.1	83.4	79.4	75.2	70.9
67.5°	115.3	113.9	112.3	110.5	108.2	105.4	101.7	97.4	92.7	88.0	83.0
65°	131.4	129.6	127.5	125.6	123.2	120.4	116.6	112.4	107.3	101.5	95.2
62.5°	149.0	147.3	144.4	141.2	138.2	134.9	130.6	126.0	121.3	115.9	108.4
60°	165.1	163.6	159.7	155.9	152.2	148.1	143.3	138.4	133.5	127.6	120.8
57.5°	178.0	175.6	172.0	168.3	164.6	159.7	154.5	149.7	144.3	138.6	132.3
55°	189.1	186.3	182.6	178.7	174.4	169.5	164.4	158.9	153.8	149.1	142.6
52.5°	200.3	196.9	192.9	188.6	183.9	178.7	173.1	167.4	162.4	157.5	152.1
50°	212.6	208.2	203.5	198.5	193.4	187.7	181.8	175.7	170.9	165.8	160.3
47.5°	225.8	220.6	214.9	209.3	203.4	197.3	190.8	184.2	179.0	173.8	168.1
45°	241.2	234.6	227.4	220.9	213.9	207.1	200.2	193.4	186.8	180.9	175.4
42.5°	259.1	251.3	243.1	234.2	225.3	217.4	209.6	202.3	194.9	187.9	181.6
40°	281.6	270.2	260.6	249.7	239.1	228.5	219.9	211.1	203.0	195.1	187.8
37.5°	311.3	295.4	281.6	267.4	254.7	242.1	231.1	221.1	211.1	202.5	194.3
35°	351.5	329.2	307.5	289.1	272.1	257.2	243.4	231.6	220.6	210.1	200.9
32.5°	408.3	375.6	340.8	316.0	292.6	273.3	256.9	242.4	229.7	218.2	207.7
30°	497.4	439.8	390.4	348.4	318.3	291.9	270.7	253.7	238.8	226.0	214.4
27.5°	642.7	525.3	456.9	394.2	347.6	314.6	287.1	264.8	247.7	233.6	220.9
25°	878.2	680.2	541.7	455.1	387.5	338.9	304.8	278.2	257.2	240.5	225.6
22.5°	1223.2	914.1	676.0	524.9	436.4	372.0	325.8	291.5	265.7	246.4	230.2
20°	1767.3	1215.7	871.5	637.9	493.8	403.8	348.0	307.0	276.2	252.8	234.2
17.5°	2419.0	1682.2	1092.8	759.7	568.2	449.7	373.9	321.9	285.5	258.6	237.7
15°	3075.7	2170.2	1433.0	936.1	649.4	489.8	396.1	334.8	294.5	264.9	242.0
12.5°	3801.0	2693.0	1734.8	1082.0	733.1	538.2	424.5	352.1	304.4	271.1	246.2
10°	4427.5	3181.4	2097.5	1315.8	843.1	588.9	450.6	367.0	312.7	276.2	249.4
7.5°	4991.5	3598.6	2401.8	1498.2	928.4	629.1	471.4	378.8	318.9	279.9	251.7
5°	5391.8	3917.4	2646.5	1636.0	989.5	657.0	486.0	387.2	323.0	282.3	253.0
2.5°	5641.6	4109.3	2806.1	1717.9	1019.4	672.3	495.1	392.0	326.4	284.8	253.8
0°	5664.4	4095.7	2828.5	1757.7	1000.3	674.9	499.4	392.9	328.4	286.4	253.5
-2.5°	5641.6	4109.3	2806.1	1717.9	1019.4	672.3	495.1	392.0	326.4	284.8	253.8
-5°	5391.8	3917.4	2646.5	1636.0	989.5	657.0	486.0	387.2	323.0	282.3	253.0
-7.5°	4991.5	3598.6	2401.8	1498.2	928.4	629.1	471.4	378.8	318.9	279.9	251.7
-10°	4427.5	3181.4	2097.5	1315.8	843.1	588.9	450.6	367.0	312.7	276.2	249.4
-12.5°	3801.0	2693.0	1734.8	1082.0	733.1	538.2	424.5	352.1	304.4	271.1	246.2
-15°	3075.7	2170.2	1433.0	936.1	649.4	489.8	396.1	334.8	294.5	264.9	242.0
-17.5°	2419.0	1682.2	1092.8	759.7	568.2	449.7	373.9	321.9	285.5	258.6	237.7
-20°	1767.3	1215.7	871.5	637.9	493.8	403.8	348.0	307.0	276.2	252.8	234.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1223.2	914.1	676.0	524.9	436.4	372.0	325.8	291.5	265.7	246.4	230.2
-25°	878.2	680.2	541.7	455.1	387.5	338.9	304.8	278.2	257.2	240.5	225.6
-27.5°	642.7	525.3	456.9	394.2	347.6	314.6	287.1	264.8	247.7	233.6	220.9
-30°	497.4	439.8	390.4	348.4	318.3	291.9	270.7	253.7	238.8	226.0	214.4
-32.5°	408.3	375.6	340.8	316.0	292.6	273.3	256.9	242.4	229.7	218.2	207.7
-35°	351.5	329.2	307.5	289.1	272.1	257.2	243.4	231.6	220.6	210.1	200.9
-37.5°	311.3	295.4	281.6	267.4	254.7	242.1	231.1	221.1	211.1	202.5	194.3
-40°	281.6	270.2	260.6	249.7	239.1	228.5	219.9	211.1	203.0	195.1	187.8
-42.5°	259.1	251.3	243.1	234.2	225.3	217.4	209.6	202.3	194.9	187.9	181.6
-45°	241.2	234.6	227.4	220.9	213.9	207.1	200.2	193.4	186.8	180.9	175.4
-47.5°	225.8	220.6	214.9	209.3	203.4	197.3	190.8	184.2	179.0	173.8	168.1
-50°	212.6	208.2	203.5	198.5	193.4	187.7	181.8	175.7	170.9	165.8	160.3
-52.5°	200.3	196.9	192.9	188.6	183.9	178.7	173.1	167.4	162.4	157.5	152.1
-55°	189.1	186.3	182.6	178.7	174.4	169.5	164.4	158.9	153.8	149.1	142.6
-57.5°	178.0	175.6	172.0	168.3	164.6	159.7	154.5	149.7	144.3	138.6	132.3
-60°	165.1	163.6	159.7	155.9	152.2	148.1	143.3	138.4	133.5	127.6	120.8
-62.5°	149.0	147.3	144.4	141.2	138.2	134.9	130.6	126.0	121.3	115.9	108.4
-65°	131.4	129.6	127.5	125.6	123.2	120.4	116.6	112.4	107.3	101.5	95.2
-67.5°	115.3	113.9	112.3	110.5	108.2	105.4	101.7	97.4	92.7	88.0	83.0
-70°	100.8	99.7	98.1	96.1	93.6	90.6	87.1	83.4	79.4	75.2	70.9
-72.5°	86.1	85.0	83.4	81.2	78.7	76.0	73.1	69.8	66.3	62.4	58.8
-75°	70.8	69.9	68.5	66.6	64.5	62.2	59.7	56.8	54.0	51.1	48.3
-77.5°	56.0	54.9	53.7	52.1	50.3	48.4	46.4	44.3	42.3	40.1	37.8
-80°	41.5	40.8	39.9	38.7	37.3	35.7	34.1	32.5	30.9	29.3	27.9
-82.5°	28.3	28.1	27.7	26.6	25.6	24.5	23.5	22.5	21.5	20.5	19.4
-85°	15.9	15.9	15.7	15.3	14.8	14.2	13.7	13.0	12.4	11.7	11.0
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	10.2	9.4	8.6	7.8	6.9	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	18.3	17.1	15.9	14.6	13.3	12.0	10.6	9.2	7.7	6.3	5.4
80°	26.3	24.8	23.1	21.5	19.8	17.9	16.1	14.2	12.1	10.1	8.1
77.5°	35.4	33.0	30.4	28.3	26.4	24.2	21.9	19.3	16.4	13.8	11.3
75°	45.4	42.5	39.4	36.4	33.5	30.5	27.9	24.8	21.2	17.6	14.5
72.5°	55.7	52.3	48.6	44.8	41.3	37.8	34.2	30.3	26.2	22.0	17.8
70°	66.6	62.4	58.2	53.9	49.5	45.1	40.9	36.2	31.1	26.4	21.6
67.5°	77.9	72.9	67.9	63.0	58.0	52.8	47.6	42.1	36.4	30.7	25.4
65°	89.4	83.5	77.4	72.0	66.4	60.6	54.7	48.1	41.7	35.4	29.1
62.5°	101.2	94.3	87.6	81.0	74.6	68.3	61.7	54.2	46.9	40.0	33.0
60°	113.1	105.1	97.6	90.2	82.9	75.8	68.4	60.2	52.2	44.5	36.9
57.5°	124.4	115.7	107.1	99.0	91.1	83.2	74.9	66.1	57.3	48.9	40.8
55°	135.4	126.5	116.4	107.2	98.8	90.5	81.2	71.9	62.3	53.2	44.5
52.5°	145.2	136.3	125.8	115.3	105.9	97.1	87.3	77.5	67.4	57.4	48.1
50°	154.0	145.0	134.5	123.4	112.7	103.0	93.0	82.7	72.3	61.5	51.7
47.5°	161.6	153.0	142.6	131.0	119.5	108.6	98.3	87.6	77.0	65.7	55.0
45°	168.5	160.6	150.3	138.5	125.9	114.3	103.2	92.3	81.2	69.7	58.3
42.5°	174.9	167.3	157.9	145.8	132.4	119.7	107.9	96.5	85.1	73.6	61.5
40°	180.7	173.1	164.9	152.6	138.6	124.9	112.5	100.6	88.8	77.1	64.7
37.5°	186.5	178.6	170.1	159.0	144.3	130.1	116.8	104.4	92.3	80.2	67.6
35°	192.4	183.9	174.7	164.0	149.8	134.9	120.8	108.0	95.6	83.2	70.4
32.5°	198.0	188.7	178.9	168.2	154.9	139.3	124.7	111.5	98.7	85.9	72.9
30°	203.6	192.7	182.6	172.5	159.4	143.6	128.4	114.8	101.6	88.5	75.3
27.5°	207.8	196.1	185.8	175.9	163.2	147.5	132.1	117.7	104.3	90.8	77.3
25°	211.7	199.4	188.6	178.6	166.9	151.6	135.5	120.5	106.7	93.0	79.2
22.5°	215.5	202.3	191.0	180.9	170.4	155.3	138.7	123.2	108.9	94.9	80.8
20°	218.8	204.6	192.9	183.0	172.7	158.2	141.7	125.7	110.9	96.6	82.3
17.5°	221.6	207.0	195.0	184.7	174.3	160.6	144.3	127.8	112.6	98.1	83.6
15°	224.4	209.4	196.7	186.1	175.7	162.6	146.5	129.6	114.0	99.4	84.8
12.5°	226.9	211.2	198.0	187.0	176.9	164.2	148.4	131.1	115.2	100.5	85.9
10°	228.8	212.4	199.0	187.6	177.8	165.3	149.8	132.4	116.6	101.6	86.9
7.5°	230.1	213.0	199.5	187.9	178.4	166.3	151.2	133.9	117.8	102.4	87.6
5°	231.1	213.3	199.9	188.4	178.8	167.2	152.2	135.1	118.8	103.0	88.1
2.5°	232.1	213.4	199.9	188.8	178.8	167.8	152.8	136.0	119.5	103.4	88.4
0°	232.5	213.0	199.5	189.0	178.5	168.0	153.0	136.5	120.0	103.5	88.5
-2.5°	232.1	213.4	199.9	188.8	178.8	167.8	152.8	136.0	119.5	103.4	88.4
-5°	231.1	213.3	199.9	188.4	178.8	167.2	152.2	135.1	118.8	103.0	88.1
-7.5°	230.1	213.0	199.5	187.9	178.4	166.3	151.2	133.9	117.8	102.4	87.6
-10°	228.8	212.4	199.0	187.6	177.8	165.3	149.8	132.4	116.6	101.6	86.9
-12.5°	226.9	211.2	198.0	187.0	176.9	164.2	148.4	131.1	115.2	100.5	85.9
-15°	224.4	209.4	196.7	186.1	175.7	162.6	146.5	129.6	114.0	99.4	84.8
-17.5°	221.6	207.0	195.0	184.7	174.3	160.6	144.3	127.8	112.6	98.1	83.6
-20°	218.8	204.6	192.9	183.0	172.7	158.2	141.7	125.7	110.9	96.6	82.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	215.5	202.3	191.0	180.9	170.4	155.3	138.7	123.2	108.9	94.9	80.8
-25°	211.7	199.4	188.6	178.6	166.9	151.6	135.5	120.5	106.7	93.0	79.2
-27.5°	207.8	196.1	185.8	175.9	163.2	147.5	132.1	117.7	104.3	90.8	77.3
-30°	203.6	192.7	182.6	172.5	159.4	143.6	128.4	114.8	101.6	88.5	75.3
-32.5°	198.0	188.7	178.9	168.2	154.9	139.3	124.7	111.5	98.7	85.9	72.9
-35°	192.4	183.9	174.7	164.0	149.8	134.9	120.8	108.0	95.6	83.2	70.4
-37.5°	186.5	178.6	170.1	159.0	144.3	130.1	116.8	104.4	92.3	80.2	67.6
-40°	180.7	173.1	164.9	152.6	138.6	124.9	112.5	100.6	88.8	77.1	64.7
-42.5°	174.9	167.3	157.9	145.8	132.4	119.7	107.9	96.5	85.1	73.6	61.5
-45°	168.5	160.6	150.3	138.5	125.9	114.3	103.2	92.3	81.2	69.7	58.3
-47.5°	161.6	153.0	142.6	131.0	119.5	108.6	98.3	87.6	77.0	65.7	55.0
-50°	154.0	145.0	134.5	123.4	112.7	103.0	93.0	82.7	72.3	61.5	51.7
-52.5°	145.2	136.3	125.8	115.3	105.9	97.1	87.3	77.5	67.4	57.4	48.1
-55°	135.4	126.5	116.4	107.2	98.8	90.5	81.2	71.9	62.3	53.2	44.5
-57.5°	124.4	115.7	107.1	99.0	91.1	83.2	74.9	66.1	57.3	48.9	40.8
-60°	113.1	105.1	97.6	90.2	82.9	75.8	68.4	60.2	52.2	44.5	36.9
-62.5°	101.2	94.3	87.6	81.0	74.6	68.3	61.7	54.2	46.9	40.0	33.0
-65°	89.4	83.5	77.4	72.0	66.4	60.6	54.7	48.1	41.7	35.4	29.1
-67.5°	77.9	72.9	67.9	63.0	58.0	52.8	47.6	42.1	36.4	30.7	25.4
-70°	66.6	62.4	58.2	53.9	49.5	45.1	40.9	36.2	31.1	26.4	21.6
-72.5°	55.7	52.3	48.6	44.8	41.3	37.8	34.2	30.3	26.2	22.0	17.8
-75°	45.4	42.5	39.4	36.4	33.5	30.5	27.9	24.8	21.2	17.6	14.5
-77.5°	35.4	33.0	30.4	28.3	26.4	24.2	21.9	19.3	16.4	13.8	11.3
-80°	26.3	24.8	23.1	21.5	19.8	17.9	16.1	14.2	12.1	10.1	8.1
-82.5°	18.3	17.1	15.9	14.6	13.3	12.0	10.6	9.2	7.7	6.3	5.4
-85°	10.2	9.4	8.6	7.8	6.9	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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: P626825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
72.5°	14.2	11.2	8.1	5.4	3.6	1.8	0.0
70°	16.9	13.3	9.8	6.2	4.1	2.1	0.0
67.5°	20.2	15.5	11.5	7.5	4.6	2.3	0.0
65°	23.4	17.8	13.2	8.8	5.1	2.5	0.0
62.5°	26.6	20.5	14.8	10.0	5.5	2.8	0.0
60°	29.7	23.0	16.4	11.2	6.0	3.0	0.0
57.5°	32.9	25.6	18.4	12.4	6.8	3.2	0.0
55°	36.1	28.0	20.4	13.5	7.5	3.4	0.0
52.5°	39.1	30.4	22.3	14.6	8.3	3.7	0.0
50°	42.0	32.8	24.1	15.7	9.0	3.9	0.0
47.5°	44.8	35.1	25.9	16.8	9.7	4.1	0.0
45°	47.6	37.3	27.6	18.1	10.3	4.2	0.0
42.5°	50.3	39.4	29.2	19.3	11.0	4.4	0.0
40°	52.8	41.4	30.8	20.5	11.6	4.6	0.0
37.5°	55.2	43.3	32.3	21.5	12.2	4.8	0.0
35°	57.5	45.1	33.7	22.6	12.7	4.9	0.0
32.5°	59.6	46.9	35.0	23.5	13.2	5.1	0.0
30°	61.7	48.5	36.2	24.3	13.7	5.2	0.0
27.5°	63.5	50.0	37.3	25.1	14.1	5.3	0.0
25°	65.2	51.4	38.3	25.8	14.5	5.4	0.0
22.5°	66.7	52.7	39.2	26.4	14.9	5.5	0.0
20°	68.0	53.8	40.1	27.0	15.2	5.6	0.0
17.5°	69.2	54.7	40.9	27.4	15.5	5.7	0.0
15°	70.3	55.5	41.5	27.8	15.8	5.8	0.0
12.5°	71.2	56.1	42.1	28.1	16.0	5.9	0.0
10°	72.0	56.6	42.6	28.3	16.2	5.9	0.0
7.5°	72.7	56.9	43.0	28.5	16.3	5.9	0.0
5°	73.1	57.1	43.3	28.6	16.4	6.0	0.0
2.5°	73.4	57.1	43.4	28.6	16.5	6.0	0.0
0°	73.5	57.0	43.5	28.5	16.5	6.0	0.0
-2.5°	73.4	57.1	43.4	28.6	16.5	6.0	0.0
-5°	73.1	57.1	43.3	28.6	16.4	6.0	0.0
-7.5°	72.7	56.9	43.0	28.5	16.3	5.9	0.0
-10°	72.0	56.6	42.6	28.3	16.2	5.9	0.0
-12.5°	71.2	56.1	42.1	28.1	16.0	5.9	0.0
-15°	70.3	55.5	41.5	27.8	15.8	5.8	0.0
-17.5°	69.2	54.7	40.9	27.4	15.5	5.7	0.0
-20°	68.0	53.8	40.1	27.0	15.2	5.6	0.0

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CATALOG NUMBER: GFLD-SA2B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.7	52.7	39.2	26.4	14.9	5.5	0.0
-25°	65.2	51.4	38.3	25.8	14.5	5.4	0.0
-27.5°	63.5	50.0	37.3	25.1	14.1	5.3	0.0
-30°	61.7	48.5	36.2	24.3	13.7	5.2	0.0
-32.5°	59.6	46.9	35.0	23.5	13.2	5.1	0.0
-35°	57.5	45.1	33.7	22.6	12.7	4.9	0.0
-37.5°	55.2	43.3	32.3	21.5	12.2	4.8	0.0
-40°	52.8	41.4	30.8	20.5	11.6	4.6	0.0
-42.5°	50.3	39.4	29.2	19.3	11.0	4.4	0.0
-45°	47.6	37.3	27.6	18.1	10.3	4.2	0.0
-47.5°	44.8	35.1	25.9	16.8	9.7	4.1	0.0
-50°	42.0	32.8	24.1	15.7	9.0	3.9	0.0
-52.5°	39.1	30.4	22.3	14.6	8.3	3.7	0.0
-55°	36.1	28.0	20.4	13.5	7.5	3.4	0.0
-57.5°	32.9	25.6	18.4	12.4	6.8	3.2	0.0
-60°	29.7	23.0	16.4	11.2	6.0	3.0	0.0
-62.5°	26.6	20.5	14.8	10.0	5.5	2.8	0.0
-65°	23.4	17.8	13.2	8.8	5.1	2.5	0.0
-67.5°	20.2	15.5	11.5	7.5	4.6	2.3	0.0
-70°	16.9	13.3	9.8	6.2	4.1	2.1	0.0
-72.5°	14.2	11.2	8.1	5.4	3.6	1.8	0.0
-75°	11.6	9.0	6.3	4.6	3.1	1.6	0.0
-77.5°	9.0	6.8	5.2	3.9	2.6	1.3	0.0
-80°	6.3	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)