

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: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

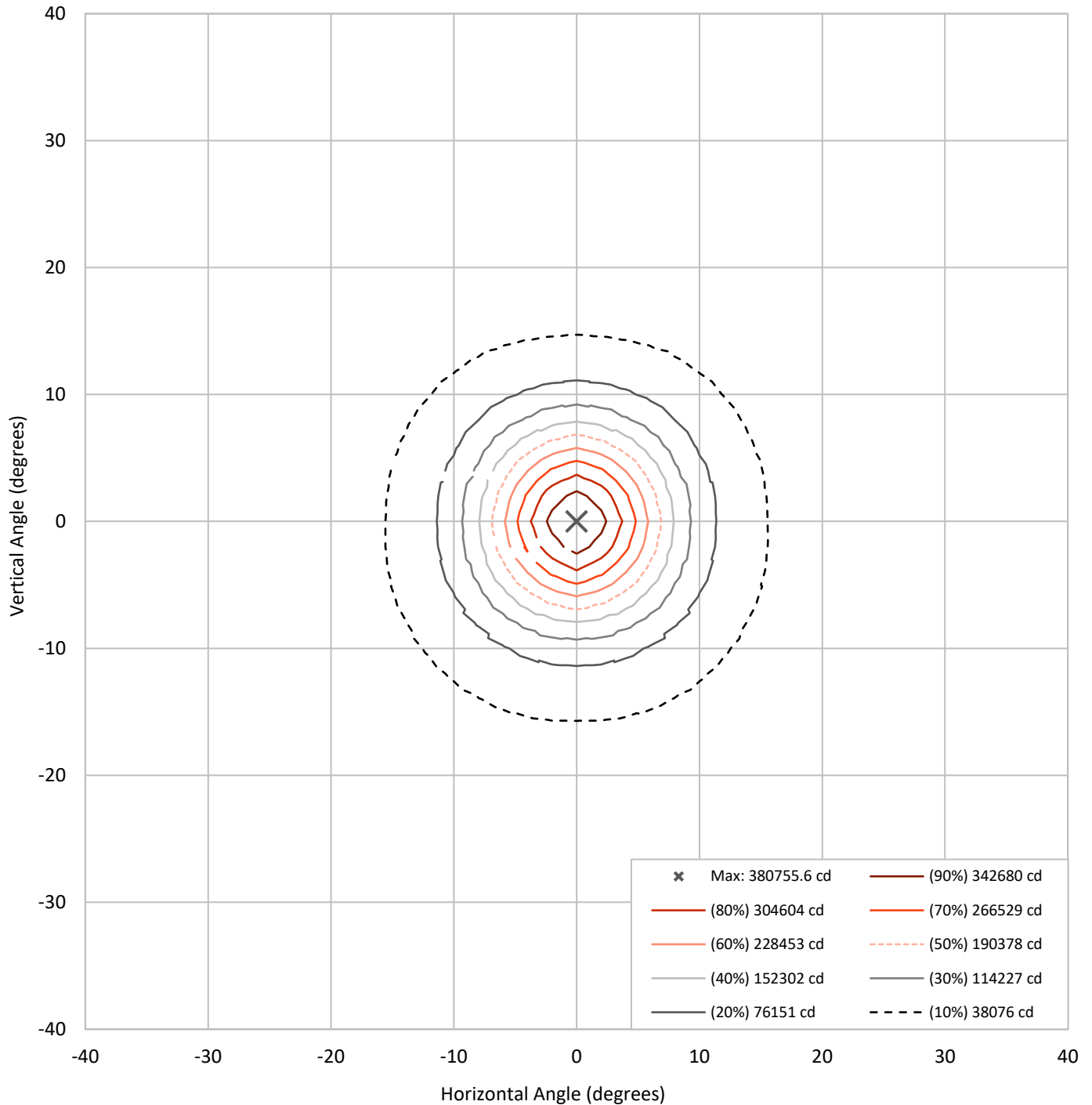
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	37562.3 lumens	Max Intensity:	380755.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	11991.6 lumens	Field Lumens:	26709.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	271.3		
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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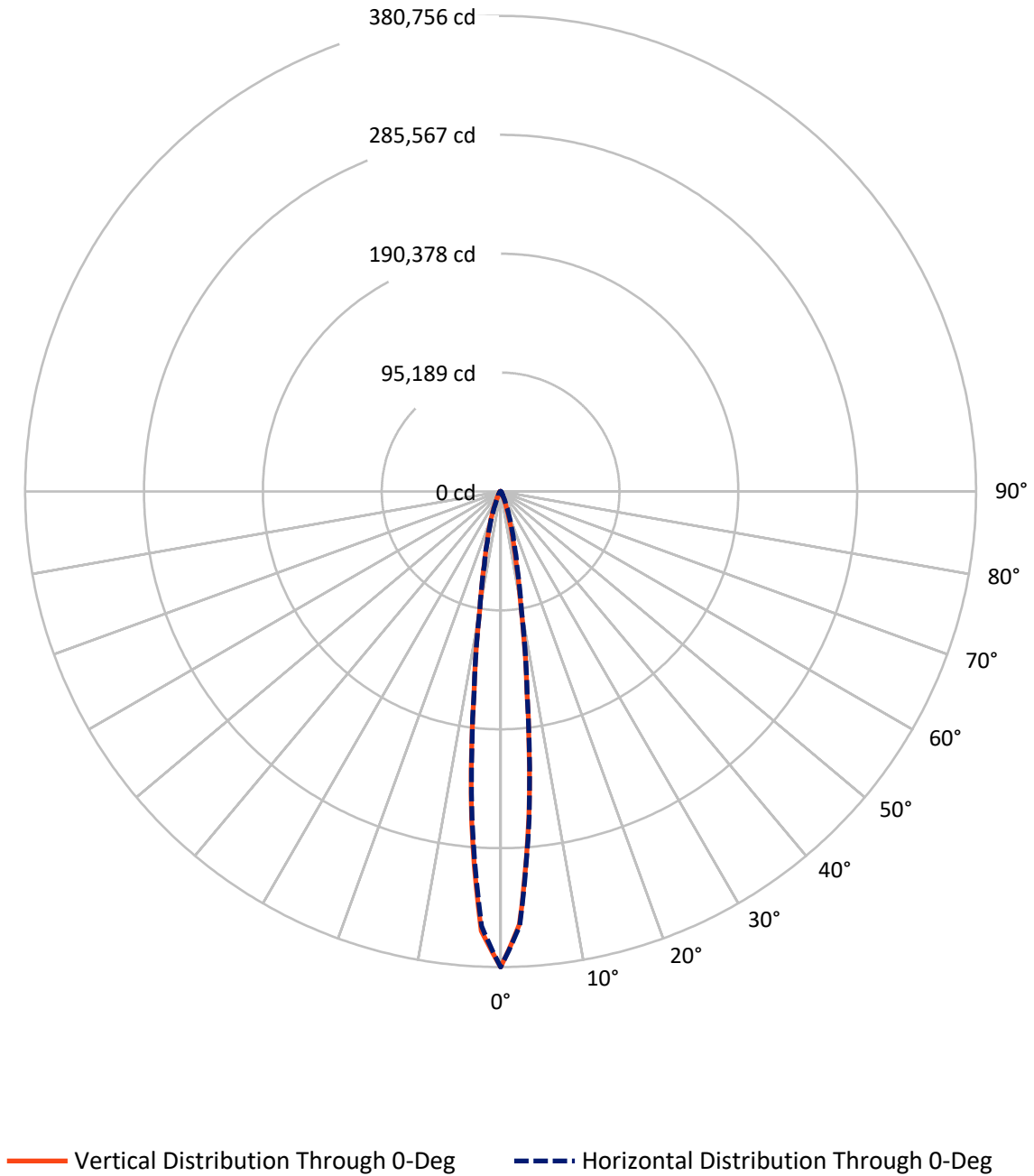
CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
60		0.1	0.3	0.9	2.1	3.3	4.5	5.3	5.3	4.5	3.3	2.1	0.9	0.3	0.1	0.1	0.1		
50	0.2	0.2	1.1	3.3	6.1	9.0	12.7	14.9	14.9	12.7	9.0	6.1	3.3	1.1	0.2	0.2	0.2	0.2	
40		0.5	2.6	6.4	11.4	18.0	30.5	38.9	38.9	30.5	18.0	11.4	6.4	2.6	0.5	0.5	0.5		
30	0.3	1.1	4.2	9.7	17.6	38.2	102.0	169.0	169.0	102.0	38.2	17.6	9.7	4.2	1.1	1.1	1.1	0.3	
20		1.6	5.8	13.4	29.1	114.2	481.5	1058.4	1058.4	481.5	114.2	29.1	13.4	5.8	1.6	1.6	1.6		
10	0.6	2.0	7.0	15.7	39.4	214.4	1153.8	5174.5	5174.5	1153.8	214.4	39.4	15.7	7.0	2.0	2.0	2.0	0.6	
0		2.3	7.6	16.6	42.4	228.5	1194.3	5262.3	5262.3	1194.3	228.5	42.4	16.6	7.6	2.3	2.3	2.3		
-10	0.7	2.4	7.8	16.3	37.2	145.4	579.7	1240.0	1240.0	579.7	145.4	37.2	16.3	7.8	2.4	2.4	2.4	0.7	
-20		2.4	7.4	15.0	28.7	67.9	178.6	297.7	297.7	178.6	67.9	28.7	15.0	7.4	2.4	2.4	2.4		
-30	0.7	2.0	6.6	13.2	22.5	37.3	60.7	77.2	77.2	60.7	37.3	22.5	13.2	6.6	2.0	2.0	2.0	0.7	
-40		1.7	5.4	11.0	18.2	26.1	35.0	39.1	39.1	35.0	26.1	18.2	11.0	5.4	1.7	1.7	1.7		
-50	0.4	1.3	4.1	8.6	14.3	20.0	25.3	27.6	27.6	25.3	20.0	14.3	8.6	4.1	1.3	1.3	1.3	0.4	
-60		0.8	2.5	5.6	9.6	13.9	17.6	19.4	19.4	17.6	13.9	9.6	5.6	2.5	0.8	0.8	0.8		
-70	0.2	0.8	2.5	5.6	9.6	13.9	17.6	19.4	19.4	17.6	13.9	9.6	5.6	2.5	0.8	0.8	0.8	0.2	
-80		0.2	2.3	9.5	20.8	26.3	20.8	9.5	2.3	0.2	0.2	2.3	9.5	20.8	26.3	20.8	9.5		2.3
-90	0.2	2.3	9.5	20.8	26.3	20.8	9.5	2.3	0.2	0.2	2.3	9.5	20.8	26.3	20.8	9.5	2.3	0.2	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

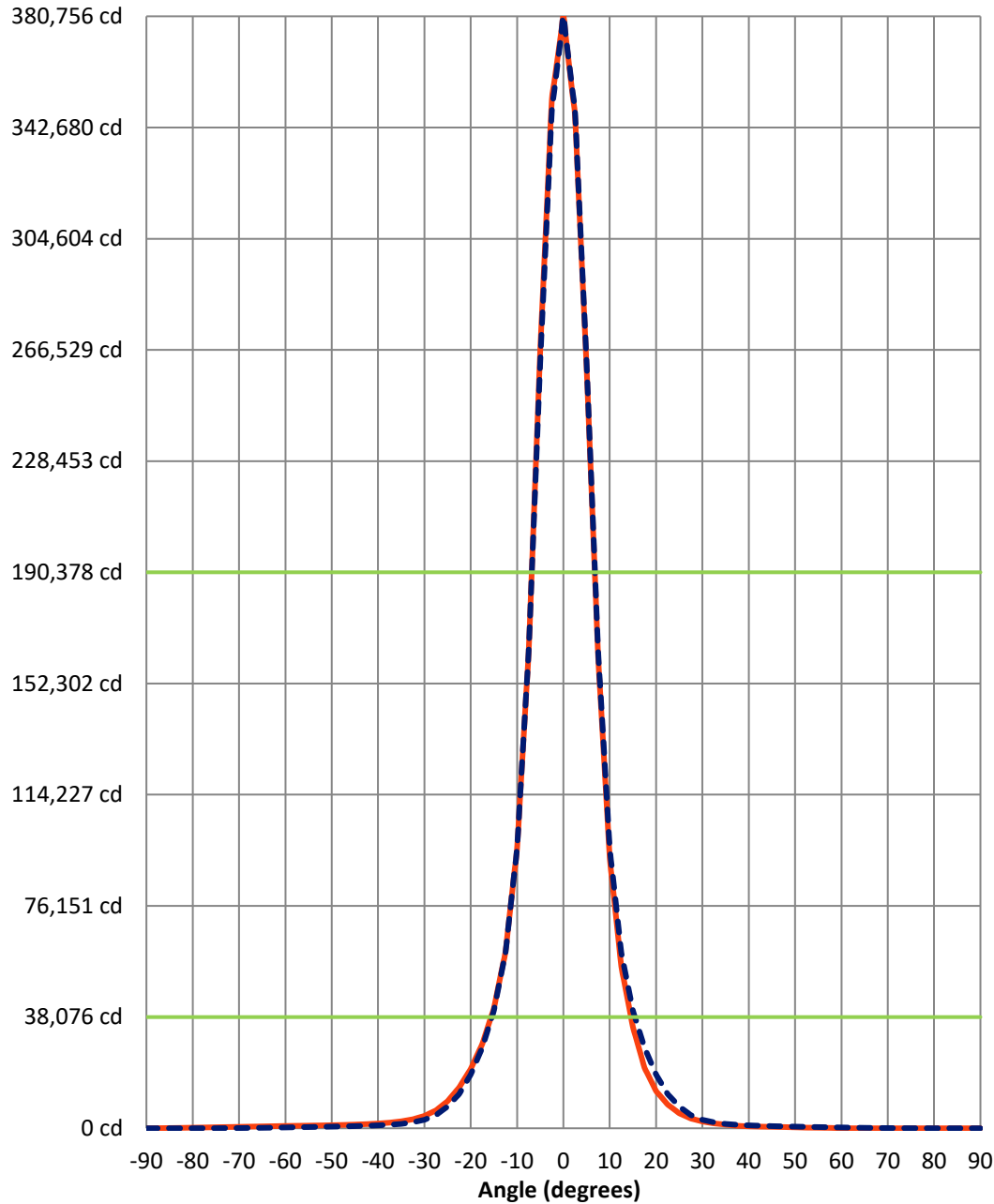
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 11991.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 26709.2
 Efficiency: 71.1%

Spill:
 Lumens: 10853.1
 Efficiency: 28.9%

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

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Scaled Data Report



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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.1	0.1	0.0	0.1	0.7	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.3	0.2	0.0	0.9	1.2	0.4	0.5	1.7	1.8	0.8
70°	0.0	1.5	0.3	0.2	1.6	1.8	0.9	2.5	3.4	3.0	1.1
67.5°	0.0	1.7	0.5	0.9	2.4	2.5	2.9	4.6	5.2	3.3	1.4
65°	0.0	1.9	0.6	1.8	3.3	3.5	4.7	6.7	5.5	3.6	2.4
62.5°	0.0	2.1	0.8	2.6	4.2	4.6	6.4	7.6	5.8	4.2	5.1
60°	0.0	2.3	1.1	3.4	5.1	5.7	7.9	7.9	6.1	5.8	7.4
57.5°	0.0	2.5	1.8	4.3	5.7	6.6	8.1	8.1	6.8	7.2	8.1
55°	0.0	2.7	2.4	5.1	6.2	7.5	8.1	8.1	7.5	8.1	8.1
52.5°	0.0	3.0	3.1	6.0	6.7	8.1	8.1	8.1	7.9	8.1	8.1
50°	0.0	3.2	3.7	6.9	7.1	8.1	8.1	8.1	8.1	8.1	9.4
47.5°	0.0	3.5	4.2	7.7	7.5	8.1	8.1	8.1	8.1	8.1	11.2
45°	0.0	3.7	4.7	7.9	7.8	8.1	8.1	8.1	8.4	10.0	13.3
42.5°	0.0	4.0	5.2	8.0	8.0	8.1	8.1	8.4	8.9	12.3	17.8
40°	0.0	4.2	5.7	8.1	8.1	8.1	8.1	9.0	10.3	14.8	22.9
37.5°	0.0	4.5	6.1	8.1	8.1	8.1	8.1	9.8	13.1	18.6	28.3
35°	0.0	4.7	6.4	8.1	8.1	8.1	8.1	10.8	16.1	23.7	34.7
32.5°	0.0	5.0	6.7	8.1	8.1	8.1	8.3	11.9	19.1	28.6	43.0
30°	0.0	5.3	7.0	8.1	8.1	8.1	9.2	13.4	22.4	33.4	52.1
27.5°	0.0	5.5	7.3	8.1	8.1	8.1	10.1	16.0	25.9	37.9	61.9
25°	0.0	5.8	7.5	8.1	8.1	8.1	11.0	18.6	29.8	44.7	72.3
22.5°	0.0	6.1	7.6	8.1	8.1	8.2	12.0	21.2	33.4	52.8	84.7
20°	0.0	6.3	7.8	8.1	8.1	8.8	13.0	23.8	36.9	61.0	96.0
17.5°	0.0	6.6	7.9	8.1	8.1	9.6	14.5	26.3	40.2	69.3	106.4
15°	0.0	6.8	8.0	8.1	8.1	10.4	16.1	28.8	43.2	77.5	115.8
12.5°	0.0	7.1	8.0	8.1	8.1	11.3	17.7	31.2	47.3	85.4	124.2
10°	0.0	7.3	8.1	8.1	8.1	12.2	19.1	33.5	52.5	92.8	131.7
7.5°	0.0	7.5	8.1	8.1	8.1	13.2	20.5	35.5	57.7	99.2	138.2
5°	0.0	7.7	8.1	8.1	8.1	14.2	21.8	37.3	62.9	104.6	144.0
2.5°	0.0	7.9	8.1	8.1	8.1	15.2	23.1	38.9	67.9	109.1	148.9
0°	0.0	8.1	8.1	8.1	8.1	16.1	24.2	40.3	72.5	112.8	153.1
-2.5°	0.0	8.1	8.1	8.1	8.8	17.0	26.3	42.7	76.6	115.8	158.3
-5°	0.0	8.1	8.1	8.1	9.5	17.7	28.3	44.9	80.2	118.1	162.6
-7.5°	0.0	8.0	8.1	8.1	10.1	18.4	30.1	46.9	83.1	119.9	165.8
-10°	0.0	8.0	8.1	8.1	10.7	19.1	31.6	48.6	85.2	121.2	167.8
-12.5°	0.0	7.9	8.1	8.1	11.3	19.6	32.9	50.1	86.5	122.4	170.9
-15°	0.0	7.8	8.1	8.1	11.7	20.0	34.0	51.4	86.8	124.9	173.8
-17.5°	0.0	7.7	8.1	8.1	12.0	20.4	34.6	52.6	86.2	126.1	175.1
-20°	0.0	7.6	8.1	8.1	12.3	20.7	35.1	53.7	85.0	126.1	174.9

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Scaled Data Report



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.5	8.1	8.1	12.4	20.8	35.5	54.3	83.0	124.7	172.8
-25°	0.0	7.3	8.1	8.1	12.3	21.4	35.8	54.6	80.5	121.7	169.0
-27.5°	0.0	7.2	8.1	8.1	12.2	21.9	35.8	54.4	77.3	117.7	165.4
-30°	0.0	7.0	8.1	8.1	11.9	22.3	35.6	53.8	75.6	113.3	159.9
-32.5°	0.0	6.8	8.1	8.1	11.8	22.4	35.2	53.2	74.7	108.2	152.3
-35°	0.0	6.6	8.1	8.1	11.7	22.4	35.1	52.4	73.1	102.5	142.6
-37.5°	0.0	6.4	8.1	8.1	11.4	22.1	34.9	51.5	71.0	96.1	137.1
-40°	0.0	6.2	8.1	8.1	11.0	21.7	34.5	50.3	68.3	92.0	132.1
-42.5°	0.0	6.0	8.1	8.2	10.9	21.1	33.8	48.8	66.1	90.1	125.8
-45°	0.0	5.7	8.1	8.4	11.2	20.2	32.7	47.3	64.2	87.3	118.9
-47.5°	0.0	5.5	8.1	8.5	11.4	19.2	31.4	45.7	62.0	83.5	114.4
-50°	0.0	5.2	8.1	8.7	11.5	17.9	29.8	43.7	59.7	80.4	108.4
-52.5°	0.0	4.9	8.1	8.7	11.5	16.5	27.9	41.3	56.7	76.0	101.3
-55°	0.0	4.6	8.1	8.8	11.4	16.0	25.8	38.6	53.3	70.3	94.0
-57.5°	0.0	4.4	8.1	8.8	11.3	15.6	23.4	35.5	49.5	65.2	85.2
-60°	0.0	4.0	8.1	8.7	11.0	15.1	20.9	32.1	45.2	60.0	76.4
-62.5°	0.0	3.7	7.5	8.6	10.7	14.5	19.8	28.4	40.6	54.3	69.5
-65°	0.0	3.4	6.8	8.5	10.3	13.7	18.6	25.0	35.5	48.1	62.0
-67.5°	0.0	3.1	6.2	8.3	9.9	12.8	17.2	23.0	30.1	41.5	54.1
-70°	0.0	2.8	5.5	8.1	9.4	11.9	15.6	20.7	26.9	34.5	45.6
-72.5°	0.0	2.4	4.9	7.3	8.8	10.8	14.0	18.2	23.6	30.0	37.4
-75°	0.0	2.1	4.2	6.3	8.2	9.7	12.2	15.9	20.0	25.3	31.5
-77.5°	0.0	1.8	3.5	5.2	7.0	8.5	10.3	13.7	17.4	21.0	25.3
-80°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	11.5	14.8	18.1	21.4
-82.5°	0.0	1.1	2.1	3.2	4.2	5.2	6.3	9.0	12.2	15.1	18.1
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	6.0	8.2	10.7	13.5
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	3.0	4.1	5.4	6.8
-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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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.3	2.7	1.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	4.0	5.3	4.0	2.1	0.1	1.9	2.7	2.2	0.3	0.0	0.0
62.5°	7.5	6.4	4.5	3.4	4.6	6.1	4.8	2.8	0.8	3.9	5.6
60°	8.1	6.8	5.7	6.4	8.2	7.3	5.3	7.9	11.8	14.8	18.0
57.5°	8.1	7.5	7.3	8.7	9.2	9.2	14.2	18.9	26.8	33.3	37.7
55°	8.3	8.0	9.2	10.9	13.6	19.3	26.3	37.1	45.8	59.0	70.4
52.5°	9.2	9.1	12.3	16.5	24.4	33.3	45.8	61.0	78.2	91.2	104.9
50°	10.5	13.5	17.2	27.7	38.4	52.4	72.9	95.1	109.7	124.3	143.9
47.5°	14.3	18.2	28.3	40.4	56.0	78.3	106.6	122.6	137.0	159.8	184.3
45°	19.3	27.4	39.9	56.5	78.1	109.2	131.6	144.7	169.5	196.0	223.9
42.5°	24.7	37.8	54.8	72.4	106.3	135.9	156.1	176.9	201.9	232.9	263.2
40°	33.5	48.1	71.1	98.7	133.2	162.2	187.5	211.3	235.9	276.5	308.7
37.5°	42.5	63.8	89.7	124.1	160.0	191.6	219.8	249.7	284.9	330.6	359.5
35°	51.1	79.9	111.7	148.3	186.4	222.1	256.0	291.0	336.7	379.9	414.5
32.5°	63.3	96.5	132.3	171.8	211.0	251.5	292.7	334.5	379.5	423.7	469.0
30°	78.6	114.2	151.8	194.3	233.7	280.6	328.3	372.5	417.8	464.4	515.6
27.5°	94.1	130.7	171.5	214.3	255.7	309.1	360.5	406.7	453.2	503.3	561.7
25°	108.3	147.4	190.0	232.1	280.8	338.0	394.3	447.8	487.2	544.3	612.5
22.5°	122.0	163.6	209.4	248.2	304.9	367.2	432.7	490.3	536.9	587.9	665.2
20°	135.6	180.4	227.5	271.1	329.2	396.1	473.9	533.3	591.1	656.7	735.8
17.5°	148.5	196.0	245.6	297.2	358.6	427.9	516.2	576.7	645.7	724.3	823.9
15°	160.7	210.4	263.6	321.6	385.0	459.7	544.9	620.3	702.8	793.6	911.3
12.5°	172.1	223.6	281.4	344.1	408.3	487.0	568.8	649.1	744.1	862.8	1010.9
10°	182.6	235.6	298.6	364.8	428.6	510.1	590.0	673.6	773.8	904.2	1073.7
7.5°	191.2	247.6	314.9	383.5	446.1	529.1	608.3	693.7	798.6	938.4	1115.9
5°	198.6	260.3	330.1	395.6	460.6	545.5	623.6	709.7	818.3	965.1	1146.1
2.5°	204.7	271.9	343.3	404.4	473.2	560.4	635.8	727.4	838.4	985.9	1174.4
0°	209.5	282.1	354.6	411.0	483.6	572.2	644.7	741.5	854.3	999.4	1200.8
-2.5°	219.3	290.5	361.3	418.6	494.7	574.2	650.6	743.5	860.3	1009.9	1205.8
-5°	227.5	297.2	366.2	424.5	503.0	574.0	653.1	741.8	862.3	1015.8	1214.5
-7.5°	233.8	302.4	369.5	429.0	507.4	576.6	656.7	747.5	868.6	1021.3	1226.0
-10°	237.9	306.2	372.2	434.8	508.6	579.3	658.1	748.8	867.6	1017.8	1219.7
-12.5°	240.1	308.4	373.5	437.9	508.3	579.1	656.2	745.3	858.7	1005.0	1194.8
-15°	240.7	309.2	373.3	438.2	507.1	575.7	651.1	736.9	842.7	983.5	1155.7
-17.5°	240.0	308.8	371.7	435.6	505.2	569.0	643.0	725.5	826.5	958.1	1123.9
-20°	237.9	307.1	368.9	429.8	502.5	562.9	635.0	714.6	809.7	928.9	1077.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	234.6	304.2	365.0	423.9	493.6	557.1	624.6	700.5	785.7	893.5	1025.1
-25°	230.7	298.5	359.9	419.4	483.4	548.4	611.3	683.5	761.8	865.4	983.9
-27.5°	225.5	291.6	352.8	413.1	472.7	536.6	598.1	666.3	743.8	835.2	941.1
-30°	218.1	281.8	343.0	404.5	463.2	523.3	582.8	647.7	720.7	806.9	904.7
-32.5°	208.7	270.8	330.8	391.5	452.6	510.0	565.9	628.3	696.9	772.5	865.5
-35°	199.1	259.0	317.5	375.4	439.8	495.1	548.9	606.2	670.0	740.3	816.1
-37.5°	190.2	246.3	303.4	358.0	419.0	476.6	529.0	583.4	642.4	706.9	775.7
-40°	180.5	232.8	288.5	341.7	395.3	454.0	506.3	558.8	613.3	677.9	739.2
-42.5°	170.6	221.4	272.9	325.1	376.2	428.7	480.9	531.3	588.8	649.9	710.0
-45°	162.2	209.4	257.2	307.9	358.3	405.8	454.8	501.8	560.2	621.4	680.1
-47.5°	152.4	197.1	243.5	289.5	338.9	386.3	430.4	478.0	527.7	585.4	647.0
-50°	142.3	184.6	227.4	270.7	317.6	365.0	409.7	453.7	500.5	548.0	601.2
-52.5°	133.6	170.6	210.3	250.0	294.4	340.8	385.9	429.9	473.1	517.7	563.1
-55°	123.5	157.3	192.4	229.6	268.4	312.8	357.6	400.6	444.5	486.2	530.7
-57.5°	112.2	142.6	174.4	209.3	244.7	281.1	324.5	367.3	408.6	450.7	496.6
-60°	99.4	126.5	155.4	187.6	222.1	255.5	290.6	330.2	370.2	410.1	452.4
-62.5°	86.2	109.7	135.8	163.8	195.4	228.3	260.4	294.2	330.1	364.8	401.5
-65°	77.4	94.0	115.9	140.8	166.7	196.1	226.5	257.6	289.2	318.7	347.1
-67.5°	67.9	82.9	99.1	117.5	141.0	165.7	190.0	217.9	246.3	273.4	299.8
-70°	57.9	71.3	85.6	100.9	117.6	137.9	160.6	182.9	204.7	227.4	251.9
-72.5°	47.4	59.0	71.5	84.8	99.1	115.0	132.6	151.6	171.0	189.8	208.9
-75°	38.9	46.6	56.8	68.0	80.4	92.9	105.6	120.6	137.0	153.6	169.7
-77.5°	32.1	39.1	46.1	53.0	61.8	73.3	84.6	95.7	107.2	119.6	132.9
-80°	26.1	31.6	37.9	44.3	50.3	57.2	65.1	73.9	82.0	90.2	99.3
-82.5°	21.8	25.9	30.5	35.4	39.0	42.7	46.8	52.0	57.3	62.9	68.6
-85°	16.7	20.1	23.1	26.5	28.1	29.9	31.9	34.2	37.6	41.0	44.3
-87.5°	8.4	10.1	11.9	13.9	14.7	15.6	16.3	17.1	19.3	21.6	23.9
-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: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.1	0.0	0.0	0.1	1.5	2.0	1.7	0.8	0.0	0.0
62.5°	4.7	3.9	6.2	8.3	9.2	8.9	8.2	7.3	6.3	5.8	6.6
60°	19.3	18.9	26.4	30.1	27.3	19.2	30.3	35.8	34.4	29.5	29.3
57.5°	47.3	57.5	64.9	68.1	78.8	96.0	99.3	93.6	91.6	93.4	108.0
55°	82.0	90.2	94.5	109.1	122.0	131.4	137.0	142.6	150.8	160.9	171.4
52.5°	115.9	127.2	135.8	149.0	164.5	169.9	168.4	188.3	203.9	213.9	217.9
50°	159.2	173.3	193.4	213.8	222.7	231.4	240.6	256.9	280.8	310.5	327.5
47.5°	205.9	228.0	249.1	272.5	284.3	293.5	307.2	335.8	369.7	401.7	418.4
45°	247.8	267.6	291.6	311.9	326.5	344.3	364.1	389.8	427.9	461.3	484.4
42.5°	281.6	303.8	328.6	353.1	367.9	391.9	422.0	457.0	496.8	531.6	557.3
40°	328.9	347.7	387.1	410.4	416.2	438.6	498.9	546.8	591.8	634.6	655.9
37.5°	386.0	422.7	463.7	484.8	505.5	545.2	625.9	703.2	760.5	818.5	850.1
35°	450.9	499.2	554.9	579.9	624.5	710.8	805.5	913.2	1047.2	1103.3	1154.4
32.5°	514.0	568.0	619.4	675.4	753.3	856.5	963.2	1137.8	1300.8	1427.0	1519.2
30°	570.0	627.2	691.1	763.1	872.9	1015.0	1193.3	1419.2	1648.9	1849.5	2019.1
27.5°	625.2	690.4	766.3	873.7	1028.2	1221.2	1505.9	1828.1	2211.7	2494.2	2831.7
25°	685.8	760.4	857.8	1013.6	1222.0	1510.5	1965.7	2488.9	3117.8	3627.8	4161.5
22.5°	757.5	867.6	991.1	1164.8	1528.8	2004.3	2626.1	3520.4	4487.9	5382.4	6243.7
20°	844.2	994.6	1193.0	1512.7	1980.0	2683.0	3763.4	5190.6	6613.3	8128.6	9587.2
17.5°	967.9	1184.7	1492.9	1947.9	2563.7	3954.3	5707.3	7914.7	10750.6	13320.5	15564.4
15°	1083.9	1343.0	1829.6	2509.8	3583.9	5426.9	8089.5	11732.8	16152.5	20180.6	24434.9
12.5°	1205.6	1511.6	2070.5	2936.5	4429.0	6828.3	10570.2	15562.3	21096.5	27167.1	34081.9
10°	1302.1	1673.7	2342.8	3440.8	5280.6	8268.4	12725.4	18779.8	26133.9	35118.1	46171.8
7.5°	1367.2	1803.5	2567.6	3809.9	6064.5	9741.1	15106.5	22383.6	31577.6	43479.7	58946.8
5°	1418.1	1902.5	2736.7	4146.5	6727.7	10865.3	16870.7	25539.4	36415.5	52362.3	78574.6
2.5°	1458.9	1978.4	2841.3	4378.3	7144.0	11648.2	18054.2	27324.9	39295.4	58929.4	92936.3
0°	1491.0	2047.1	2909.4	4521.3	7463.0	11726.3	18423.7	27651.6	40329.0	60114.6	96027.1
-2.5°	1504.6	2083.8	2932.9	4552.7	7431.0	11860.8	18536.4	27912.5	40290.1	59465.2	92575.1
-5°	1527.2	2083.2	2915.2	4520.7	7264.4	11513.3	17800.3	26452.2	37859.5	54350.8	81477.2
-7.5°	1543.5	2050.0	2830.8	4315.8	6828.3	10762.1	16506.7	24032.4	33435.5	45957.1	62757.3
-10°	1528.6	1986.2	2690.1	3972.2	6150.3	9557.1	14539.7	20838.0	28652.9	37932.4	49346.9
-12.5°	1471.1	1868.5	2460.5	3490.9	5272.2	8207.3	12560.7	17923.2	23707.5	30224.5	38112.0
-15°	1398.4	1741.6	2253.6	3160.8	4621.2	6869.4	10047.7	14398.0	19038.1	23986.2	29262.7
-17.5°	1341.7	1630.2	2054.1	2710.8	3785.0	5572.7	8070.3	11160.7	14570.5	18337.8	21464.5
-20°	1265.0	1493.0	1848.9	2385.2	3204.7	4389.1	6208.2	8453.4	10703.5	13352.2	15512.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1188.2	1386.9	1657.7	2050.1	2659.9	3554.7	4678.6	6177.7	7823.2	9343.5	10840.0
-25°	1117.0	1269.9	1489.0	1811.0	2224.6	2835.2	3635.2	4495.2	5579.8	6505.3	7532.3
-27.5°	1059.3	1190.6	1352.3	1588.3	1909.3	2302.1	2874.9	3451.2	4021.5	4488.6	5195.7
-30°	1003.6	1109.3	1244.5	1412.8	1653.4	1956.1	2327.9	2701.8	3030.9	3331.2	3699.4
-32.5°	948.9	1034.9	1138.5	1278.2	1450.9	1678.5	1907.0	2174.9	2403.7	2614.9	2810.3
-35°	894.0	970.6	1049.6	1167.4	1305.1	1466.7	1632.9	1814.4	1972.7	2115.0	2240.8
-37.5°	844.5	911.8	986.1	1073.8	1184.7	1306.4	1442.1	1573.9	1678.5	1770.8	1847.2
-40°	802.8	863.9	927.5	997.7	1082.2	1178.2	1293.4	1403.2	1476.5	1532.9	1579.2
-42.5°	765.5	819.3	873.5	933.1	997.9	1081.0	1171.9	1262.6	1312.4	1356.0	1389.5
-45°	735.5	776.8	822.4	873.3	930.7	1000.3	1071.8	1134.5	1178.7	1216.2	1244.1
-47.5°	695.9	735.6	775.1	817.2	870.7	928.7	987.8	1036.0	1074.6	1107.3	1128.6
-50°	652.3	694.2	730.3	767.2	816.5	865.7	913.2	953.1	989.9	1021.9	1038.7
-52.5°	607.2	652.1	690.0	726.1	767.4	810.3	853.2	887.3	919.5	949.7	962.5
-55°	574.6	616.1	655.3	689.1	723.2	757.6	792.6	828.0	859.8	888.5	897.0
-57.5°	539.5	581.7	620.4	650.9	681.6	712.6	744.7	776.6	807.4	834.9	841.8
-60°	496.6	542.4	576.8	605.5	635.4	666.0	693.9	722.4	751.0	775.1	782.8
-62.5°	442.2	483.9	517.8	548.1	577.0	603.6	630.8	657.3	683.1	702.0	708.3
-65°	376.9	412.3	447.4	479.0	507.5	533.2	558.3	582.5	605.9	622.6	630.9
-67.5°	325.4	350.9	379.1	406.3	435.0	461.4	484.0	505.3	525.4	539.5	548.4
-70°	275.8	300.0	326.4	352.4	377.2	398.7	416.8	434.4	451.5	464.0	473.4
-72.5°	228.2	248.8	270.8	293.7	316.4	335.9	352.5	368.1	382.9	393.7	402.3
-75°	185.4	202.3	220.9	239.4	257.8	273.2	287.1	300.6	313.7	323.2	331.2
-77.5°	147.1	161.5	175.9	190.5	205.0	216.2	226.3	236.3	246.0	253.5	260.3
-80°	109.0	120.2	131.8	143.4	155.0	163.5	171.2	178.4	185.3	189.7	193.6
-82.5°	74.5	82.3	90.4	98.6	106.8	113.1	119.2	125.2	131.0	133.1	134.6
-85°	47.5	51.5	55.7	60.1	64.8	68.3	71.6	74.8	77.8	80.6	83.3
-87.5°	26.4	27.2	27.9	28.6	29.2	31.6	34.0	36.5	38.9	39.3	39.7
-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: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7
62.5°	7.3	7.7	8.0	8.1	8.0	7.7	7.3	6.6	5.8	6.3	7.3
60°	27.6	24.6	24.0	24.2	24.0	24.6	27.6	29.3	29.5	34.4	35.8
57.5°	122.6	136.4	140.2	137.0	140.2	136.4	122.6	108.0	93.4	91.6	93.6
55°	178.5	182.8	184.7	185.4	184.7	182.8	178.5	171.4	160.9	150.8	142.6
52.5°	218.8	217.4	217.1	217.6	217.1	217.4	218.8	217.9	213.9	203.9	188.3
50°	328.9	322.8	320.5	322.4	320.5	322.8	328.9	327.5	310.5	280.8	256.9
47.5°	420.3	422.2	425.0	427.1	425.0	422.2	420.3	418.4	401.7	369.7	335.8
45°	490.9	495.2	498.1	499.7	498.1	495.2	490.9	484.4	461.3	427.9	389.8
42.5°	562.9	563.4	562.7	564.2	562.7	563.4	562.9	557.3	531.6	496.8	457.0
40°	664.6	666.7	664.4	660.9	664.4	666.7	664.6	655.9	634.6	591.8	546.8
37.5°	868.5	871.4	861.8	854.3	861.8	871.4	868.5	850.1	818.5	760.5	703.2
35°	1201.1	1235.5	1251.9	1257.3	1251.9	1235.5	1201.1	1154.4	1103.3	1047.2	913.2
32.5°	1583.0	1631.0	1655.0	1676.3	1655.0	1631.0	1583.0	1519.2	1427.0	1300.8	1137.8
30°	2130.4	2218.8	2257.8	2313.0	2257.8	2218.8	2130.4	2019.1	1849.5	1648.9	1419.2
27.5°	3023.2	3178.7	3264.7	3344.6	3264.7	3178.7	3023.2	2831.7	2494.2	2211.7	1828.1
25°	4549.2	4848.6	5042.4	5133.8	5042.4	4848.6	4549.2	4161.5	3627.8	3117.8	2488.9
22.5°	7077.1	7629.0	8054.7	8139.9	8054.7	7629.0	7077.1	6243.7	5382.4	4487.9	3520.4
20°	11002.4	11792.1	12434.4	12757.9	12434.4	11792.1	11002.4	9587.2	8128.6	6613.3	5190.6
17.5°	18237.0	19879.4	20629.6	20752.8	20629.6	19879.4	18237.0	15564.4	13320.5	10750.6	7914.7
15°	28999.7	31779.0	33543.3	34679.4	33543.3	31779.0	28999.7	24434.9	20180.6	16152.5	11732.8
12.5°	41279.8	49177.0	53670.6	55383.8	53670.6	49177.0	41279.8	34081.9	27167.1	21096.5	15562.3
10°	57946.6	76537.7	87261.8	92658.3	87261.8	76537.7	57946.6	46171.8	35118.1	26133.9	18779.8
7.5°	86234.0	114948.2	146762.4	161481.0	146762.4	114948.2	86234.0	58946.8	43479.7	31577.6	22383.6
5°	115970.8	179015.7	234350.7	260848.7	234350.7	179015.7	115970.8	78574.6	52362.3	36415.5	25539.4
2.5°	150148.7	235170.6	313780.3	346833.9	313780.3	235170.6	150148.7	92936.3	58929.4	39295.4	27324.9
0°	163302.5	262339.7	348312.7	380755.6	348312.7	262339.7	163302.5	96027.1	60114.6	40329.0	27651.6
-2.5°	152182.2	239289.6	315130.9	352201.4	315130.9	239289.6	152182.2	92575.1	59465.2	40290.1	27912.5
-5°	120916.5	180002.3	236170.1	266377.4	236170.1	180002.3	120916.5	81477.2	54350.8	37859.5	26452.2
-7.5°	88745.2	120910.9	152104.4	163012.3	152104.4	120910.9	88745.2	62757.3	45957.1	33435.5	24032.4
-10°	61786.2	80205.4	92363.9	95833.7	92363.9	80205.4	61786.2	49346.9	37932.4	28652.9	20838.0
-12.5°	45808.2	53864.8	59470.4	60445.1	59470.4	53864.8	45808.2	38112.0	30224.5	23707.5	17923.2
-15°	33919.9	38016.9	40908.1	41102.7	40908.1	38016.9	33919.9	29262.7	23986.2	19038.1	14398.0
-17.5°	24795.6	27545.7	29004.7	28900.8	29004.7	27545.7	24795.6	21464.5	18337.8	14570.5	11160.7
-20°	17730.3	19388.0	20563.6	20333.7	20563.6	19388.0	17730.3	15512.2	13352.2	10703.5	8453.4



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12362.8	13463.3	14152.1	13974.9	14152.1	13463.3	12362.8	10840.0	9343.5	7823.2	6177.7
-25°	8400.3	8999.9	9341.1	9284.4	9341.1	8999.9	8400.3	7532.3	6505.3	5579.8	4495.2
-27.5°	5724.3	6041.0	6146.8	6141.2	6146.8	6041.0	5724.3	5195.7	4488.6	4021.5	3451.2
-30°	3973.2	4186.0	4307.7	4231.2	4307.7	4186.0	3973.2	3699.4	3331.2	3030.9	2701.8
-32.5°	2961.3	3081.3	3150.7	3078.7	3150.7	3081.3	2961.3	2810.3	2614.9	2403.7	2174.9
-35°	2333.8	2394.5	2419.0	2377.5	2419.0	2394.5	2333.8	2240.8	2115.0	1972.7	1814.4
-37.5°	1902.7	1938.3	1950.4	1926.2	1950.4	1938.3	1902.7	1847.2	1770.8	1678.5	1573.9
-40°	1612.2	1634.1	1639.4	1619.9	1639.4	1634.1	1612.2	1579.2	1532.9	1476.5	1403.2
-42.5°	1410.7	1423.7	1426.7	1418.4	1426.7	1423.7	1410.7	1389.5	1356.0	1312.4	1262.6
-45°	1260.7	1271.8	1273.9	1265.3	1273.9	1271.8	1260.7	1244.1	1216.2	1178.7	1134.5
-47.5°	1139.3	1146.2	1148.0	1144.4	1148.0	1146.2	1139.3	1128.6	1107.3	1074.6	1036.0
-50°	1046.4	1051.1	1051.6	1047.7	1051.6	1051.1	1046.4	1038.7	1021.9	989.9	953.1
-52.5°	968.5	971.9	974.1	975.2	974.1	971.9	968.5	962.5	949.7	919.5	887.3
-55°	903.0	907.3	909.8	910.7	909.8	907.3	903.0	897.0	888.5	859.8	828.0
-57.5°	847.3	851.2	853.5	854.3	853.5	851.2	847.3	841.8	834.9	807.4	776.6
-60°	789.1	793.9	796.9	797.9	796.9	793.9	789.1	782.8	775.1	751.0	722.4
-62.5°	712.4	714.5	716.5	717.3	716.5	714.5	712.4	708.3	702.0	683.1	657.3
-65°	637.1	641.4	643.9	644.7	643.9	641.4	637.1	630.9	622.6	605.9	582.5
-67.5°	555.6	561.2	567.2	572.2	567.2	561.2	555.6	548.4	539.5	525.4	505.3
-70°	481.6	488.8	491.1	491.6	491.1	488.8	481.6	473.4	464.0	451.5	434.4
-72.5°	410.0	416.7	422.4	427.1	422.4	416.7	410.0	402.3	393.7	382.9	368.1
-75°	338.3	344.6	346.2	346.6	346.2	344.6	338.3	331.2	323.2	313.7	300.6
-77.5°	266.6	272.4	273.7	274.0	273.7	272.4	266.6	260.3	253.5	246.0	236.3
-80°	197.2	200.4	205.2	209.5	205.2	200.4	197.2	193.6	189.7	185.3	178.4
-82.5°	135.7	136.4	136.9	137.0	136.9	136.4	135.7	134.6	133.1	131.0	125.2
-85°	85.9	88.3	88.6	88.7	88.6	88.3	85.9	83.3	80.6	77.8	74.8
-87.5°	40.0	40.1	40.3	40.3	40.3	40.1	40.0	39.7	39.3	38.9	36.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
65°	2.0	1.5	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.3	2.2
62.5°	8.2	8.9	9.2	8.3	6.2	3.9	4.7	5.6	3.9	0.8	2.8
60°	30.3	19.2	27.3	30.1	26.4	18.9	19.3	18.0	14.8	11.8	7.9
57.5°	99.3	96.0	78.8	68.1	64.9	57.5	47.3	37.7	33.3	26.8	18.9
55°	137.0	131.4	122.0	109.1	94.5	90.2	82.0	70.4	59.0	45.8	37.1
52.5°	168.4	169.9	164.5	149.0	135.8	127.2	115.9	104.9	91.2	78.2	61.0
50°	240.6	231.4	222.7	213.8	193.4	173.3	159.2	143.9	124.3	109.7	95.1
47.5°	307.2	293.5	284.3	272.5	249.1	228.0	205.9	184.3	159.8	137.0	122.6
45°	364.1	344.3	326.5	311.9	291.6	267.6	247.8	223.9	196.0	169.5	144.7
42.5°	422.0	391.9	367.9	353.1	328.6	303.8	281.6	263.2	232.9	201.9	176.9
40°	498.9	438.6	416.2	410.4	387.1	347.7	328.9	308.7	276.5	235.9	211.3
37.5°	625.9	545.2	505.5	484.8	463.7	422.7	386.0	359.5	330.6	284.9	249.7
35°	805.5	710.8	624.5	579.9	554.9	499.2	450.9	414.5	379.9	336.7	291.0
32.5°	963.2	856.5	753.3	675.4	619.4	568.0	514.0	469.0	423.7	379.5	334.5
30°	1193.3	1015.0	872.9	763.1	691.1	627.2	570.0	515.6	464.4	417.8	372.5
27.5°	1505.9	1221.2	1028.2	873.7	766.3	690.4	625.2	561.7	503.3	453.2	406.7
25°	1965.7	1510.5	1222.0	1013.6	857.8	760.4	685.8	612.5	544.3	487.2	447.8
22.5°	2626.1	2004.3	1528.8	1164.8	991.1	867.6	757.5	665.2	587.9	536.9	490.3
20°	3763.4	2683.0	1980.0	1512.7	1193.0	994.6	844.2	735.8	656.7	591.1	533.3
17.5°	5707.3	3954.3	2563.7	1947.9	1492.9	1184.7	967.9	823.9	724.3	645.7	576.7
15°	8089.5	5426.9	3583.9	2509.8	1829.6	1343.0	1083.9	911.3	793.6	702.8	620.3
12.5°	10570.2	6828.3	4429.0	2936.5	2070.5	1511.6	1205.6	1010.9	862.8	744.1	649.1
10°	12725.4	8268.4	5280.6	3440.8	2342.8	1673.7	1302.1	1073.7	904.2	773.8	673.6
7.5°	15106.5	9741.1	6064.5	3809.9	2567.6	1803.5	1367.2	1115.9	938.4	798.6	693.7
5°	16870.7	10865.3	6727.7	4146.5	2736.7	1902.5	1418.1	1146.1	965.1	818.3	709.7
2.5°	18054.2	11648.2	7144.0	4378.3	2841.3	1978.4	1458.9	1174.4	985.9	838.4	727.4
0°	18423.7	11726.3	7463.0	4521.3	2909.4	2047.1	1491.0	1200.8	999.4	854.3	741.5
-2.5°	18536.4	11860.8	7431.0	4552.7	2932.9	2083.8	1504.6	1205.8	1009.9	860.3	743.5
-5°	17800.3	11513.3	7264.4	4520.7	2915.2	2083.2	1527.2	1214.5	1015.8	862.3	741.8
-7.5°	16506.7	10762.1	6828.3	4315.8	2830.8	2050.0	1543.5	1226.0	1021.3	868.6	747.5
-10°	14539.7	9557.1	6150.3	3972.2	2690.1	1986.2	1528.6	1219.7	1017.8	867.6	748.8
-12.5°	12560.7	8207.3	5272.2	3490.9	2460.5	1868.5	1471.1	1194.8	1005.0	858.7	745.3
-15°	10047.7	6869.4	4621.2	3160.8	2253.6	1741.6	1398.4	1155.7	983.5	842.7	736.9
-17.5°	8070.3	5572.7	3785.0	2710.8	2054.1	1630.2	1341.7	1123.9	958.1	826.5	725.5
-20°	6208.2	4389.1	3204.7	2385.2	1848.9	1493.0	1265.0	1077.2	928.9	809.7	714.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4678.6	3554.7	2659.9	2050.1	1657.7	1386.9	1188.2	1025.1	893.5	785.7	700.5
-25°	3635.2	2835.2	2224.6	1811.0	1489.0	1269.9	1117.0	983.9	865.4	761.8	683.5
-27.5°	2874.9	2302.1	1909.3	1588.3	1352.3	1190.6	1059.3	941.1	835.2	743.8	666.3
-30°	2327.9	1956.1	1653.4	1412.8	1244.5	1109.3	1003.6	904.7	806.9	720.7	647.7
-32.5°	1907.0	1678.5	1450.9	1278.2	1138.5	1034.9	948.9	865.5	772.5	696.9	628.3
-35°	1632.9	1466.7	1305.1	1167.4	1049.6	970.6	894.0	816.1	740.3	670.0	606.2
-37.5°	1442.1	1306.4	1184.7	1073.8	986.1	911.8	844.5	775.7	706.9	642.4	583.4
-40°	1293.4	1178.2	1082.2	997.7	927.5	863.9	802.8	739.2	677.9	613.3	558.8
-42.5°	1171.9	1081.0	997.9	933.1	873.5	819.3	765.5	710.0	649.9	588.8	531.3
-45°	1071.8	1000.3	930.7	873.3	822.4	776.8	735.5	680.1	621.4	560.2	501.8
-47.5°	987.8	928.7	870.7	817.2	775.1	735.6	695.9	647.0	585.4	527.7	478.0
-50°	913.2	865.7	816.5	767.2	730.3	694.2	652.3	601.2	548.0	500.5	453.7
-52.5°	853.2	810.3	767.4	726.1	690.0	652.1	607.2	563.1	517.7	473.1	429.9
-55°	792.6	757.6	723.2	689.1	655.3	616.1	574.6	530.7	486.2	444.5	400.6
-57.5°	744.7	712.6	681.6	650.9	620.4	581.7	539.5	496.6	450.7	408.6	367.3
-60°	693.9	666.0	635.4	605.5	576.8	542.4	496.6	452.4	410.1	370.2	330.2
-62.5°	630.8	603.6	577.0	548.1	517.8	483.9	442.2	401.5	364.8	330.1	294.2
-65°	558.3	533.2	507.5	479.0	447.4	412.3	376.9	347.1	318.7	289.2	257.6
-67.5°	484.0	461.4	435.0	406.3	379.1	350.9	325.4	299.8	273.4	246.3	217.9
-70°	416.8	398.7	377.2	352.4	326.4	300.0	275.8	251.9	227.4	204.7	182.9
-72.5°	352.5	335.9	316.4	293.7	270.8	248.8	228.2	208.9	189.8	171.0	151.6
-75°	287.1	273.2	257.8	239.4	220.9	202.3	185.4	169.7	153.6	137.0	120.6
-77.5°	226.3	216.2	205.0	190.5	175.9	161.5	147.1	132.9	119.6	107.2	95.7
-80°	171.2	163.5	155.0	143.4	131.8	120.2	109.0	99.3	90.2	82.0	73.9
-82.5°	119.2	113.1	106.8	98.6	90.4	82.3	74.5	68.6	62.9	57.3	52.0
-85°	71.6	68.3	64.8	60.1	55.7	51.5	47.5	44.3	41.0	37.6	34.2
-87.5°	34.0	31.6	29.2	28.6	27.9	27.2	26.4	23.9	21.6	19.3	17.1
-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: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.1	3.0	3.4	2.5
67.5°	0.0	0.0	0.0	1.7	2.7	2.3	0.5	1.4	3.3	5.2	4.6
65°	2.7	1.9	0.1	2.1	4.0	5.3	4.0	2.4	3.6	5.5	6.7
62.5°	4.8	6.1	4.6	3.4	4.5	6.4	7.5	5.1	4.2	5.8	7.6
60°	5.3	7.3	8.2	6.4	5.7	6.8	8.1	7.4	5.8	6.1	7.9
57.5°	14.2	9.2	9.2	8.7	7.3	7.5	8.1	8.1	7.2	6.8	8.1
55°	26.3	19.3	13.6	10.9	9.2	8.0	8.3	8.1	8.1	7.5	8.1
52.5°	45.8	33.3	24.4	16.5	12.3	9.1	9.2	8.1	8.1	7.9	8.1
50°	72.9	52.4	38.4	27.7	17.2	13.5	10.5	9.4	8.1	8.1	8.1
47.5°	106.6	78.3	56.0	40.4	28.3	18.2	14.3	11.2	8.1	8.1	8.1
45°	131.6	109.2	78.1	56.5	39.9	27.4	19.3	13.3	10.0	8.4	8.1
42.5°	156.1	135.9	106.3	72.4	54.8	37.8	24.7	17.8	12.3	8.9	8.4
40°	187.5	162.2	133.2	98.7	71.1	48.1	33.5	22.9	14.8	10.3	9.0
37.5°	219.8	191.6	160.0	124.1	89.7	63.8	42.5	28.3	18.6	13.1	9.8
35°	256.0	222.1	186.4	148.3	111.7	79.9	51.1	34.7	23.7	16.1	10.8
32.5°	292.7	251.5	211.0	171.8	132.3	96.5	63.3	43.0	28.6	19.1	11.9
30°	328.3	280.6	233.7	194.3	151.8	114.2	78.6	52.1	33.4	22.4	13.4
27.5°	360.5	309.1	255.7	214.3	171.5	130.7	94.1	61.9	37.9	25.9	16.0
25°	394.3	338.0	280.8	232.1	190.0	147.4	108.3	72.3	44.7	29.8	18.6
22.5°	432.7	367.2	304.9	248.2	209.4	163.6	122.0	84.7	52.8	33.4	21.2
20°	473.9	396.1	329.2	271.1	227.5	180.4	135.6	96.0	61.0	36.9	23.8
17.5°	516.2	427.9	358.6	297.2	245.6	196.0	148.5	106.4	69.3	40.2	26.3
15°	544.9	459.7	385.0	321.6	263.6	210.4	160.7	115.8	77.5	43.2	28.8
12.5°	568.8	487.0	408.3	344.1	281.4	223.6	172.1	124.2	85.4	47.3	31.2
10°	590.0	510.1	428.6	364.8	298.6	235.6	182.6	131.7	92.8	52.5	33.5
7.5°	608.3	529.1	446.1	383.5	314.9	247.6	191.2	138.2	99.2	57.7	35.5
5°	623.6	545.5	460.6	395.6	330.1	260.3	198.6	144.0	104.6	62.9	37.3
2.5°	635.8	560.4	473.2	404.4	343.3	271.9	204.7	148.9	109.1	67.9	38.9
0°	644.7	572.2	483.6	411.0	354.6	282.1	209.5	153.1	112.8	72.5	40.3
-2.5°	650.6	574.2	494.7	418.6	361.3	290.5	219.3	158.3	115.8	76.6	42.7
-5°	653.1	574.0	503.0	424.5	366.2	297.2	227.5	162.6	118.1	80.2	44.9
-7.5°	656.7	576.6	507.4	429.0	369.5	302.4	233.8	165.8	119.9	83.1	46.9
-10°	658.1	579.3	508.6	434.8	372.2	306.2	237.9	167.8	121.2	85.2	48.6
-12.5°	656.2	579.1	508.3	437.9	373.5	308.4	240.1	170.9	122.4	86.5	50.1
-15°	651.1	575.7	507.1	438.2	373.3	309.2	240.7	173.8	124.9	86.8	51.4
-17.5°	643.0	569.0	505.2	435.6	371.7	308.8	240.0	175.1	126.1	86.2	52.6
-20°	635.0	562.9	502.5	429.8	368.9	307.1	237.9	174.9	126.1	85.0	53.7

Classified

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Scaled Data Report



REPORT NUMBER: P627708 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	624.6	557.1	493.6	423.9	365.0	304.2	234.6	172.8	124.7	83.0	54.3
-25°	611.3	548.4	483.4	419.4	359.9	298.5	230.7	169.0	121.7	80.5	54.6
-27.5°	598.1	536.6	472.7	413.1	352.8	291.6	225.5	165.4	117.7	77.3	54.4
-30°	582.8	523.3	463.2	404.5	343.0	281.8	218.1	159.9	113.3	75.6	53.8
-32.5°	565.9	510.0	452.6	391.5	330.8	270.8	208.7	152.3	108.2	74.7	53.2
-35°	548.9	495.1	439.8	375.4	317.5	259.0	199.1	142.6	102.5	73.1	52.4
-37.5°	529.0	476.6	419.0	358.0	303.4	246.3	190.2	137.1	96.1	71.0	51.5
-40°	506.3	454.0	395.3	341.7	288.5	232.8	180.5	132.1	92.0	68.3	50.3
-42.5°	480.9	428.7	376.2	325.1	272.9	221.4	170.6	125.8	90.1	66.1	48.8
-45°	454.8	405.8	358.3	307.9	257.2	209.4	162.2	118.9	87.3	64.2	47.3
-47.5°	430.4	386.3	338.9	289.5	243.5	197.1	152.4	114.4	83.5	62.0	45.7
-50°	409.7	365.0	317.6	270.7	227.4	184.6	142.3	108.4	80.4	59.7	43.7
-52.5°	385.9	340.8	294.4	250.0	210.3	170.6	133.6	101.3	76.0	56.7	41.3
-55°	357.6	312.8	268.4	229.6	192.4	157.3	123.5	94.0	70.3	53.3	38.6
-57.5°	324.5	281.1	244.7	209.3	174.4	142.6	112.2	85.2	65.2	49.5	35.5
-60°	290.6	255.5	222.1	187.6	155.4	126.5	99.4	76.4	60.0	45.2	32.1
-62.5°	260.4	228.3	195.4	163.8	135.8	109.7	86.2	69.5	54.3	40.6	28.4
-65°	226.5	196.1	166.7	140.8	115.9	94.0	77.4	62.0	48.1	35.5	25.0
-67.5°	190.0	165.7	141.0	117.5	99.1	82.9	67.9	54.1	41.5	30.1	23.0
-70°	160.6	137.9	117.6	100.9	85.6	71.3	57.9	45.6	34.5	26.9	20.7
-72.5°	132.6	115.0	99.1	84.8	71.5	59.0	47.4	37.4	30.0	23.6	18.2
-75°	105.6	92.9	80.4	68.0	56.8	46.6	38.9	31.5	25.3	20.0	15.9
-77.5°	84.6	73.3	61.8	53.0	46.1	39.1	32.1	25.3	21.0	17.4	13.7
-80°	65.1	57.2	50.3	44.3	37.9	31.6	26.1	21.4	18.1	14.8	11.5
-82.5°	46.8	42.7	39.0	35.4	30.5	25.9	21.8	18.1	15.1	12.2	9.0
-85°	31.9	29.9	28.1	26.5	23.1	20.1	16.7	13.5	10.7	8.2	6.0
-87.5°	16.3	15.6	14.7	13.9	11.9	10.1	8.4	6.8	5.4	4.1	3.0
-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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CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.7	0.1	0.0	0.1	1.1	0.0
72.5°	0.4	1.2	0.9	0.0	0.2	1.3	0.0
70°	0.9	1.8	1.6	0.2	0.3	1.5	0.0
67.5°	2.9	2.5	2.4	0.9	0.5	1.7	0.0
65°	4.7	3.5	3.3	1.8	0.6	1.9	0.0
62.5°	6.4	4.6	4.2	2.6	0.8	2.1	0.0
60°	7.9	5.7	5.1	3.4	1.1	2.3	0.0
57.5°	8.1	6.6	5.7	4.3	1.8	2.5	0.0
55°	8.1	7.5	6.2	5.1	2.4	2.7	0.0
52.5°	8.1	8.1	6.7	6.0	3.1	3.0	0.0
50°	8.1	8.1	7.1	6.9	3.7	3.2	0.0
47.5°	8.1	8.1	7.5	7.7	4.2	3.5	0.0
45°	8.1	8.1	7.8	7.9	4.7	3.7	0.0
42.5°	8.1	8.1	8.0	8.0	5.2	4.0	0.0
40°	8.1	8.1	8.1	8.1	5.7	4.2	0.0
37.5°	8.1	8.1	8.1	8.1	6.1	4.5	0.0
35°	8.1	8.1	8.1	8.1	6.4	4.7	0.0
32.5°	8.3	8.1	8.1	8.1	6.7	5.0	0.0
30°	9.2	8.1	8.1	8.1	7.0	5.3	0.0
27.5°	10.1	8.1	8.1	8.1	7.3	5.5	0.0
25°	11.0	8.1	8.1	8.1	7.5	5.8	0.0
22.5°	12.0	8.2	8.1	8.1	7.6	6.1	0.0
20°	13.0	8.8	8.1	8.1	7.8	6.3	0.0
17.5°	14.5	9.6	8.1	8.1	7.9	6.6	0.0
15°	16.1	10.4	8.1	8.1	8.0	6.8	0.0
12.5°	17.7	11.3	8.1	8.1	8.0	7.1	0.0
10°	19.1	12.2	8.1	8.1	8.1	7.3	0.0
7.5°	20.5	13.2	8.1	8.1	8.1	7.5	0.0
5°	21.8	14.2	8.1	8.1	8.1	7.7	0.0
2.5°	23.1	15.2	8.1	8.1	8.1	7.9	0.0
0°	24.2	16.1	8.1	8.1	8.1	8.1	0.0
-2.5°	26.3	17.0	8.8	8.1	8.1	8.1	0.0
-5°	28.3	17.7	9.5	8.1	8.1	8.1	0.0
-7.5°	30.1	18.4	10.1	8.1	8.1	8.0	0.0
-10°	31.6	19.1	10.7	8.1	8.1	8.0	0.0
-12.5°	32.9	19.6	11.3	8.1	8.1	7.9	0.0
-15°	34.0	20.0	11.7	8.1	8.1	7.8	0.0
-17.5°	34.6	20.4	12.0	8.1	8.1	7.7	0.0
-20°	35.1	20.7	12.3	8.1	8.1	7.6	0.0

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CATALOG NUMBER: GFLD-SA5D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.5	20.8	12.4	8.1	8.1	7.5	0.0
-25°	35.8	21.4	12.3	8.1	8.1	7.3	0.0
-27.5°	35.8	21.9	12.2	8.1	8.1	7.2	0.0
-30°	35.6	22.3	11.9	8.1	8.1	7.0	0.0
-32.5°	35.2	22.4	11.8	8.1	8.1	6.8	0.0
-35°	35.1	22.4	11.7	8.1	8.1	6.6	0.0
-37.5°	34.9	22.1	11.4	8.1	8.1	6.4	0.0
-40°	34.5	21.7	11.0	8.1	8.1	6.2	0.0
-42.5°	33.8	21.1	10.9	8.2	8.1	6.0	0.0
-45°	32.7	20.2	11.2	8.4	8.1	5.7	0.0
-47.5°	31.4	19.2	11.4	8.5	8.1	5.5	0.0
-50°	29.8	17.9	11.5	8.7	8.1	5.2	0.0
-52.5°	27.9	16.5	11.5	8.7	8.1	4.9	0.0
-55°	25.8	16.0	11.4	8.8	8.1	4.6	0.0
-57.5°	23.4	15.6	11.3	8.8	8.1	4.4	0.0
-60°	20.9	15.1	11.0	8.7	8.1	4.0	0.0
-62.5°	19.8	14.5	10.7	8.6	7.5	3.7	0.0
-65°	18.6	13.7	10.3	8.5	6.8	3.4	0.0
-67.5°	17.2	12.8	9.9	8.3	6.2	3.1	0.0
-70°	15.6	11.9	9.4	8.1	5.5	2.8	0.0
-72.5°	14.0	10.8	8.8	7.3	4.9	2.4	0.0
-75°	12.2	9.7	8.2	6.3	4.2	2.1	0.0
-77.5°	10.3	8.5	7.0	5.2	3.5	1.8	0.0
-80°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
-82.5°	6.3	5.2	4.2	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)