

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: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627808 (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-SA6B-730-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26108 lumens
Efficiency: N/A
Efficacy: 137.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 264648 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 8334.9 lumens
Beam Efficiency: 31.9%

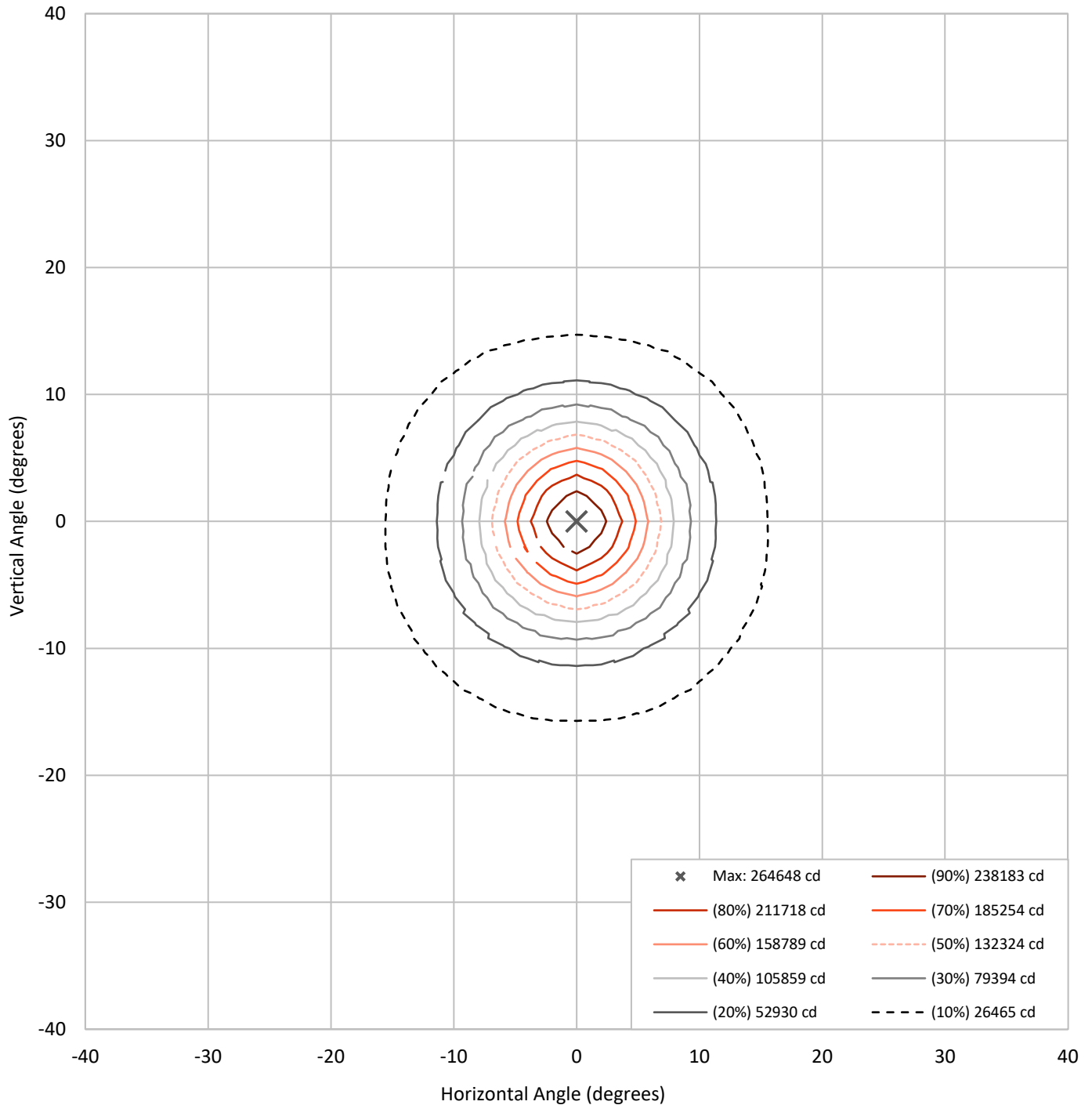
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 18564.5 lumens
Field Efficiency: 71.1%

Input Watts (W): 190.6
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



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





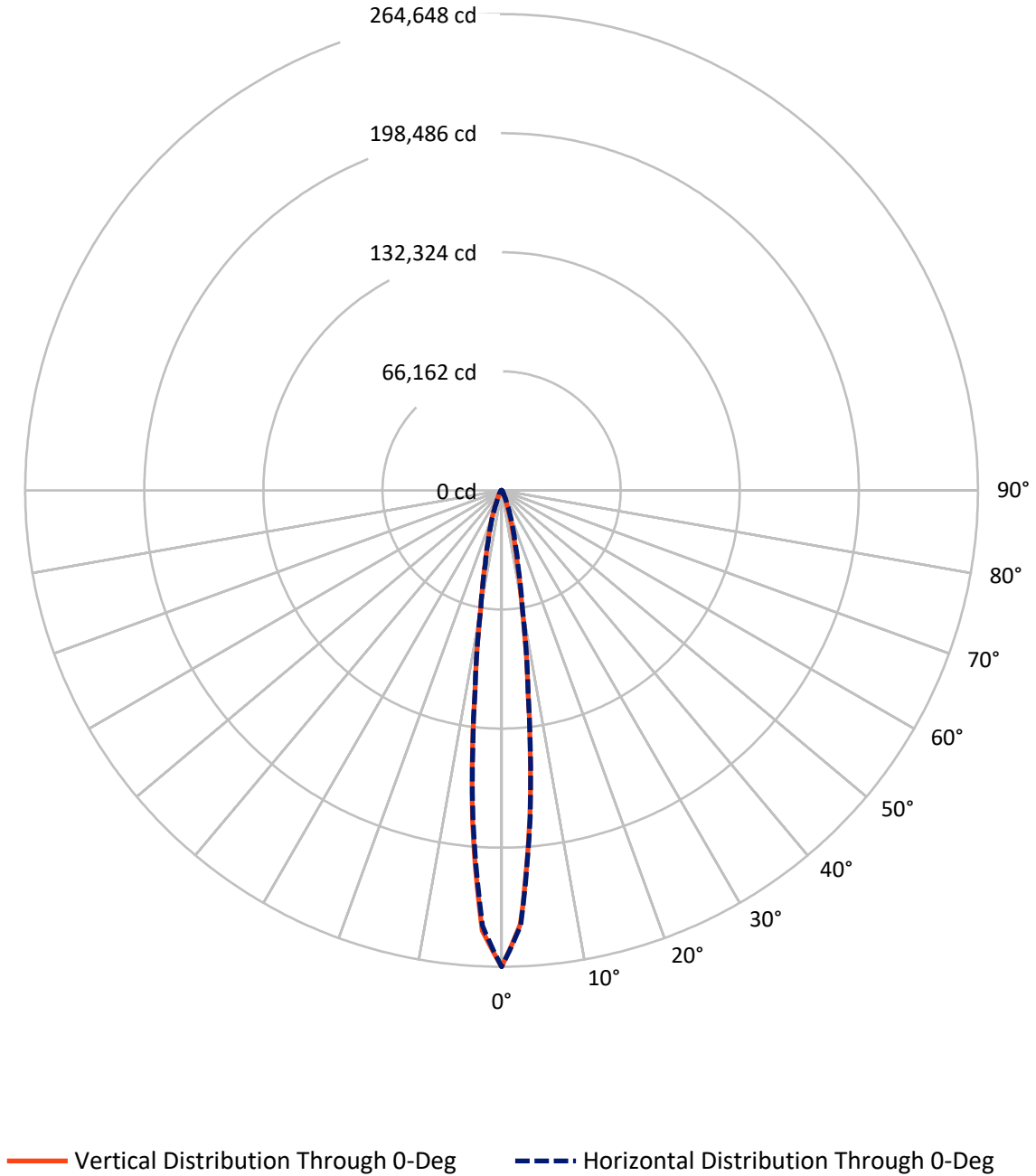
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Lumen Table

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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1		
60		0.1	0.2	0.6	1.4	2.3	3.1	3.7	3.7	3.1	2.3	1.4	0.6	0.2		0.1	
50	0.1	0.1	0.8	2.3	4.2	6.3	8.8	10.4	10.4	8.8	6.3	4.2	2.3	0.8	0.1		
40		0.4	1.8	4.4	7.9	12.5	21.2	27.0	27.0	21.2	12.5	7.9	4.4	1.8	0.4		
30	0.2	0.7	2.9	6.7	12.2	26.6	70.9	117.4	117.4	70.9	26.6	12.2	6.7	2.9	0.7		
20		1.1	4.0	9.3	20.2	79.4	334.7	735.6	735.6	334.7	79.4	20.2	9.3	4.0	1.1		
10	0.4	1.4	4.9	10.9	27.4	149.0	801.9	3596.6	3596.6	801.9	149.0	27.4	10.9	4.9	1.4		
0		1.6	5.3	11.5	29.5	158.8	830.1	3657.6	3657.6	830.1	158.8	29.5	11.5	5.3	1.6		
-10	0.5	1.7	5.4	11.3	25.9	101.0	402.9	861.9	861.9	402.9	101.0	25.9	11.3	5.4	1.7		
-20		1.6	5.2	10.4	20.0	47.2	124.1	206.9	206.9	124.1	47.2	20.0	10.4	5.2	1.6		
-30	0.5	1.4	4.6	9.2	15.6	25.9	42.2	53.6	53.6	42.2	25.9	15.6	9.2	4.6	1.4		
-40		1.2	3.8	7.6	12.6	18.1	24.4	27.2	27.2	24.4	18.1	12.6	7.6	3.8	1.2		
-50	0.3	0.9	2.8	6.0	9.9	13.9	17.6	19.2	19.2	17.6	13.9	9.9	6.0	2.8	0.9		
-60		0.6	1.8	3.9	6.7	9.7	12.3	13.5	13.5	12.3	9.7	6.7	3.9	1.8	0.6		
-70	0.1	0.6	1.8	3.9	6.7	9.7	12.3	13.5	13.5	12.3	9.7	6.7	3.9	1.8	0.6		
-80		0.1	1.6	6.6	14.4	18.3	14.4	6.6	1.6	0.1							
-90	0.1	1.6	6.6	14.4	18.3	14.4	6.6	1.6	0.1								

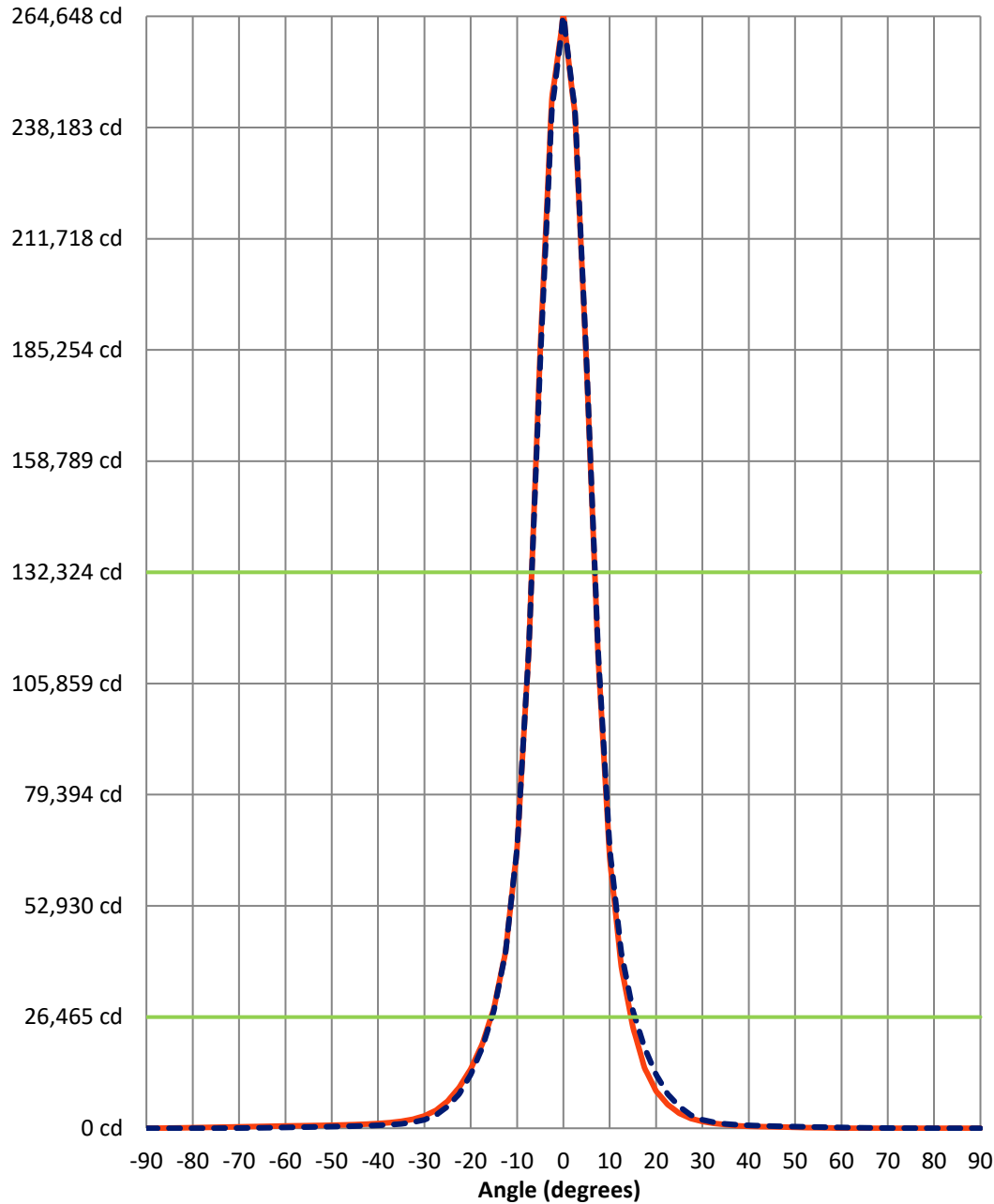
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 8334.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 18564.5
 Efficiency: 71.1%

Spill:
 Lumens: 7543.5
 Efficiency: 28.9%

- 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.5	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.9	0.2	0.0	0.6	0.8	0.3	0.3	1.2	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.3	0.6	1.7	2.4	2.1	0.7
67.5°	0.0	1.2	0.3	0.7	1.7	1.7	2.0	3.2	3.6	2.3	0.9
65°	0.0	1.3	0.4	1.2	2.3	2.4	3.2	4.7	3.8	2.5	1.7
62.5°	0.0	1.4	0.6	1.8	2.9	3.2	4.4	5.3	4.0	2.9	3.5
60°	0.0	1.6	0.7	2.4	3.5	3.9	5.5	5.4	4.2	4.0	5.1
57.5°	0.0	1.7	1.2	3.0	3.9	4.6	5.6	5.6	4.7	5.0	5.6
55°	0.0	1.9	1.7	3.6	4.3	5.2	5.6	5.6	5.2	5.6	5.6
52.5°	0.0	2.1	2.1	4.2	4.6	5.6	5.6	5.6	5.5	5.6	5.6
50°	0.0	2.2	2.5	4.8	4.9	5.6	5.6	5.6	5.6	5.6	6.5
47.5°	0.0	2.4	2.9	5.3	5.2	5.6	5.6	5.6	5.6	5.6	7.7
45°	0.0	2.6	3.3	5.4	5.4	5.6	5.6	5.6	5.8	7.0	9.2
42.5°	0.0	2.7	3.6	5.6	5.5	5.6	5.6	5.8	6.2	8.5	12.4
40°	0.0	2.9	3.9	5.6	5.6	5.6	5.6	6.2	7.1	10.3	16.0
37.5°	0.0	3.1	4.2	5.6	5.6	5.6	5.6	6.8	9.1	12.9	19.7
35°	0.0	3.3	4.4	5.6	5.6	5.6	5.6	7.5	11.2	16.5	24.1
32.5°	0.0	3.5	4.7	5.6	5.6	5.6	5.8	8.2	13.3	19.9	29.9
30°	0.0	3.6	4.8	5.6	5.6	5.6	6.3	9.3	15.6	23.2	36.2
27.5°	0.0	3.8	5.0	5.6	5.6	5.6	7.0	11.1	18.0	26.4	43.0
25°	0.0	4.0	5.2	5.6	5.6	5.6	7.6	12.9	20.7	31.1	50.2
22.5°	0.0	4.2	5.3	5.6	5.6	5.7	8.3	14.7	23.2	36.7	58.8
20°	0.0	4.4	5.4	5.6	5.6	6.1	9.0	16.5	25.6	42.4	66.7
17.5°	0.0	4.5	5.4	5.6	5.6	6.6	10.1	18.3	27.9	48.2	73.9
15°	0.0	4.7	5.5	5.6	5.6	7.2	11.2	20.0	30.0	53.8	80.4
12.5°	0.0	4.9	5.5	5.6	5.6	7.8	12.3	21.7	32.8	59.4	86.3
10°	0.0	5.0	5.6	5.6	5.6	8.5	13.3	23.3	36.4	64.5	91.5
7.5°	0.0	5.2	5.6	5.6	5.6	9.2	14.3	24.7	40.1	68.9	96.0
5°	0.0	5.3	5.6	5.6	5.6	9.9	15.2	25.9	43.7	72.7	100.0
2.5°	0.0	5.5	5.6	5.6	5.6	10.6	16.0	27.0	47.2	75.8	103.5
0°	0.0	5.6	5.6	5.6	5.6	11.2	16.8	28.0	50.4	78.4	106.4
-2.5°	0.0	5.6	5.6	5.6	6.1	11.8	18.3	29.7	53.3	80.5	110.0
-5°	0.0	5.6	5.6	5.6	6.6	12.3	19.6	31.2	55.7	82.1	113.0
-7.5°	0.0	5.6	5.6	5.6	7.0	12.8	20.9	32.6	57.7	83.3	115.2
-10°	0.0	5.5	5.6	5.6	7.4	13.2	22.0	33.8	59.2	84.2	116.6
-12.5°	0.0	5.5	5.6	5.6	7.8	13.6	22.9	34.8	60.1	85.1	118.8
-15°	0.0	5.4	5.6	5.6	8.1	13.9	23.6	35.7	60.3	86.8	120.8
-17.5°	0.0	5.3	5.6	5.6	8.4	14.2	24.1	36.6	59.9	87.7	121.7
-20°	0.0	5.3	5.6	5.6	8.5	14.3	24.4	37.3	59.0	87.6	121.5

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CATALOG NUMBER: GFLD-SA6B-730-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	5.2	5.6	5.6	8.6	14.5	24.7	37.7	57.7	86.6	120.1
-25°	0.0	5.1	5.6	5.6	8.6	14.8	24.8	37.9	55.9	84.6	117.5
-27.5°	0.0	5.0	5.6	5.6	8.4	15.2	24.9	37.8	53.7	81.8	115.0
-30°	0.0	4.8	5.6	5.6	8.2	15.5	24.7	37.4	52.5	78.7	111.1
-32.5°	0.0	4.7	5.6	5.6	8.2	15.6	24.4	37.0	51.9	75.2	105.8
-35°	0.0	4.6	5.6	5.6	8.1	15.6	24.4	36.4	50.8	71.2	99.1
-37.5°	0.0	4.4	5.6	5.6	7.9	15.4	24.3	35.8	49.4	66.8	95.3
-40°	0.0	4.3	5.6	5.6	7.6	15.1	24.0	34.9	47.5	63.9	91.8
-42.5°	0.0	4.1	5.6	5.7	7.6	14.6	23.5	33.9	46.0	62.6	87.4
-45°	0.0	4.0	5.6	5.8	7.7	14.0	22.7	32.9	44.6	60.7	82.7
-47.5°	0.0	3.8	5.6	5.9	7.9	13.3	21.8	31.8	43.1	58.1	79.5
-50°	0.0	3.6	5.6	6.0	8.0	12.4	20.7	30.4	41.5	55.9	75.4
-52.5°	0.0	3.4	5.6	6.0	8.0	11.4	19.4	28.7	39.4	52.8	70.4
-55°	0.0	3.2	5.6	6.1	7.9	11.1	17.9	26.8	37.0	48.8	65.3
-57.5°	0.0	3.0	5.6	6.1	7.8	10.8	16.2	24.7	34.4	45.3	59.2
-60°	0.0	2.8	5.6	6.0	7.6	10.5	14.5	22.3	31.4	41.7	53.0
-62.5°	0.0	2.6	5.2	6.0	7.4	10.0	13.8	19.7	28.2	37.7	48.3
-65°	0.0	2.4	4.7	5.9	7.2	9.5	12.9	17.4	24.7	33.4	43.1
-67.5°	0.0	2.1	4.3	5.8	6.8	8.9	12.0	15.9	20.9	28.8	37.6
-70°	0.0	1.9	3.8	5.6	6.5	8.2	10.9	14.4	18.7	23.9	31.7
-72.5°	0.0	1.7	3.4	5.0	6.1	7.5	9.7	12.7	16.4	20.8	26.0
-75°	0.0	1.4	2.9	4.3	5.7	6.7	8.5	11.1	13.9	17.6	21.9
-77.5°	0.0	1.2	2.4	3.6	4.8	5.9	7.1	9.5	12.1	14.6	17.6
-80°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	8.0	10.3	12.6	14.8
-82.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	6.2	8.4	10.5	12.6
-85°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	4.2	5.7	7.5	9.4
-87.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.1	2.9	3.7	4.7
-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°	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	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.6	1.9	1.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	2.7	3.6	2.8	1.5	0.1	1.3	1.9	1.5	0.2	0.0	0.0
62.5°	5.2	4.4	3.1	2.3	3.2	4.2	3.3	1.9	0.5	2.7	3.9
60°	5.6	4.7	3.9	4.4	5.7	5.0	3.7	5.5	8.2	10.3	12.5
57.5°	5.6	5.2	5.1	6.0	6.3	6.4	9.8	13.2	18.6	23.1	26.2
55°	5.8	5.5	6.3	7.6	9.4	13.4	18.3	25.8	31.8	41.0	48.9
52.5°	6.4	6.3	8.5	11.5	16.9	23.1	31.8	42.4	54.4	63.4	72.9
50°	7.3	9.4	12.0	19.2	26.7	36.4	50.7	66.1	76.2	86.4	100.0
47.5°	10.0	12.7	19.7	28.1	39.0	54.4	74.1	85.2	95.2	111.1	128.1
45°	13.4	19.1	27.7	39.3	54.3	75.9	91.4	100.5	117.8	136.2	155.6
42.5°	17.2	26.3	38.1	50.3	73.9	94.5	108.5	122.9	140.3	161.9	183.0
40°	23.3	33.4	49.4	68.6	92.6	112.7	130.3	146.9	164.0	192.2	214.6
37.5°	29.5	44.3	62.3	86.2	111.1	133.1	152.8	173.6	198.1	229.8	249.9
35°	35.5	55.5	77.6	103.1	129.5	154.4	178.0	202.3	234.1	264.1	288.1
32.5°	44.0	67.1	91.9	119.4	146.7	174.9	203.5	232.5	263.8	294.5	326.0
30°	54.6	79.3	105.5	135.0	162.5	195.0	228.2	259.0	290.4	322.8	358.4
27.5°	65.4	90.8	119.2	148.9	177.7	214.8	250.6	282.7	315.0	349.8	390.4
25°	75.3	102.4	132.0	161.4	195.2	235.0	274.1	311.3	338.6	378.3	425.7
22.5°	84.8	113.7	145.5	172.6	212.0	255.3	300.8	340.8	373.2	408.6	462.4
20°	94.2	125.4	158.2	188.5	228.9	275.4	329.4	370.7	410.8	456.4	511.4
17.5°	103.2	136.2	170.7	206.6	249.3	297.4	358.8	400.8	448.7	503.4	572.6
15°	111.7	146.3	183.2	223.5	267.6	319.5	378.7	431.1	488.5	551.6	633.4
12.5°	119.6	155.5	195.6	239.2	283.8	338.5	395.4	451.1	517.2	599.7	702.6
10°	126.9	163.8	207.6	253.6	297.9	354.6	410.1	468.2	537.8	628.5	746.3
7.5°	132.9	172.2	218.9	266.6	310.0	367.8	422.8	482.2	555.1	652.2	775.6
5°	138.0	181.0	229.5	275.0	320.2	379.1	433.4	493.3	568.8	670.8	796.7
2.5°	142.2	189.0	238.7	281.1	328.9	389.5	441.9	505.6	582.8	685.2	816.4
0°	145.6	196.1	246.5	285.7	336.1	397.7	448.1	515.4	593.8	694.6	834.7
-2.5°	152.4	201.9	251.2	291.0	343.8	399.0	452.2	516.8	598.0	701.9	838.1
-5°	158.2	206.6	254.6	295.0	349.6	398.9	453.9	515.6	599.4	706.0	844.2
-7.5°	162.6	210.3	256.9	298.2	352.7	400.7	456.4	519.6	603.8	709.9	852.1
-10°	165.4	212.8	258.7	302.2	353.5	402.6	457.4	520.5	603.0	707.4	847.8
-12.5°	166.9	214.4	259.6	304.4	353.3	402.5	456.1	518.0	596.9	698.5	830.4
-15°	167.4	215.0	259.5	304.6	352.4	400.1	452.5	512.2	585.8	683.6	803.2
-17.5°	166.8	214.6	258.4	302.8	351.2	395.5	446.9	504.3	574.5	665.9	781.2
-20°	165.4	213.5	256.5	298.7	349.3	391.2	441.4	496.7	562.8	645.7	748.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-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°	163.1	211.5	253.7	294.7	343.1	387.2	434.1	486.9	546.1	621.0	712.5
-25°	160.4	207.5	250.1	291.5	336.0	381.2	424.9	475.1	529.5	601.5	683.9
-27.5°	156.8	202.7	245.3	287.1	328.5	373.0	415.7	463.1	517.0	580.5	654.1
-30°	151.6	195.9	238.5	281.1	322.0	363.7	405.0	450.2	501.0	560.9	628.8
-32.5°	145.0	188.3	229.9	272.2	314.6	354.5	393.3	436.7	484.4	536.9	601.6
-35°	138.4	180.0	220.7	260.9	305.7	344.1	381.5	421.3	465.7	514.6	567.2
-37.5°	132.2	171.2	210.9	248.8	291.2	331.3	367.7	405.5	446.5	491.3	539.2
-40°	125.5	161.8	200.5	237.5	274.7	315.6	351.9	388.4	426.3	471.2	513.8
-42.5°	118.5	153.8	189.7	226.0	261.5	298.0	334.3	369.3	409.2	451.8	493.5
-45°	112.7	145.5	178.8	214.0	249.1	282.0	316.1	348.8	389.3	431.9	472.7
-47.5°	105.9	137.0	169.2	201.2	235.6	268.5	299.1	332.2	366.7	406.8	449.7
-50°	98.9	128.3	158.0	188.2	220.8	253.7	284.8	315.3	347.9	380.8	417.8
-52.5°	92.9	118.6	146.1	173.8	204.6	236.9	268.2	298.8	328.8	359.8	391.3
-55°	85.8	109.4	133.7	159.5	186.6	217.5	248.6	278.4	309.0	338.0	368.9
-57.5°	78.0	99.1	121.2	145.5	170.1	195.4	225.6	255.3	284.0	313.3	345.2
-60°	69.0	87.9	108.0	130.4	154.3	177.6	202.0	229.5	257.3	285.0	314.5
-62.5°	59.9	76.2	94.4	113.9	135.8	158.6	181.0	204.5	229.4	253.6	279.1
-65°	53.7	65.3	80.5	97.8	115.9	136.3	157.4	179.1	201.1	221.6	241.2
-67.5°	47.2	57.6	68.8	81.6	98.0	115.2	132.1	151.5	171.2	190.1	208.4
-70°	40.2	49.5	59.5	70.1	81.7	95.8	111.6	127.1	142.3	158.1	175.2
-72.5°	33.0	41.0	49.6	58.9	68.8	79.9	92.1	105.3	118.8	131.9	145.2
-75°	27.0	32.4	39.4	47.2	55.8	64.6	73.4	83.8	95.2	106.7	117.9
-77.5°	22.3	27.2	32.0	36.8	42.9	50.9	58.8	66.5	74.5	83.1	92.4
-80°	18.1	21.9	26.3	30.7	34.9	39.8	45.2	51.3	56.9	62.7	69.0
-82.5°	15.1	18.0	21.2	24.6	27.1	29.6	32.5	36.1	39.8	43.7	47.7
-85°	11.6	13.9	16.1	18.4	19.5	20.8	22.2	23.7	26.1	28.5	30.8
-87.5°	5.8	7.0	8.3	9.6	10.2	10.8	11.3	11.9	13.4	15.0	16.6
-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: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	0.3	0.0	0.0	0.0	0.1	1.0	1.4	1.2	0.5	0.0	0.0
62.5°	3.3	2.7	4.3	5.8	6.4	6.2	5.7	5.1	4.3	4.0	4.6
60°	13.4	13.2	18.4	20.9	19.0	13.4	21.1	24.9	23.9	20.5	20.4
57.5°	32.9	39.9	45.0	47.3	54.7	66.7	69.0	65.0	63.6	64.9	75.0
55°	57.0	62.7	65.6	75.8	84.8	91.3	95.2	99.1	104.8	111.8	119.1
52.5°	80.6	88.4	94.4	103.5	114.3	118.0	117.0	130.9	141.7	148.7	151.5
50°	110.6	120.4	134.3	148.6	154.8	160.9	167.3	178.6	195.2	215.9	227.7
47.5°	143.1	158.5	173.1	189.4	197.7	204.1	213.6	233.4	257.0	279.2	290.8
45°	172.3	186.0	202.8	216.8	227.0	239.4	253.1	271.0	297.4	320.7	336.7
42.5°	195.8	211.2	228.4	245.4	255.7	272.4	293.3	317.7	345.4	369.5	387.3
40°	228.6	241.7	269.1	285.3	289.3	304.9	346.8	380.1	411.3	441.1	455.9
37.5°	268.3	293.8	322.3	337.0	351.4	378.9	435.0	488.8	528.7	568.9	590.9
35°	313.4	347.0	385.7	403.0	434.0	494.1	559.9	634.7	727.8	766.9	802.4
32.5°	357.2	394.8	430.5	469.4	523.6	595.3	669.5	790.8	904.1	991.9	1056.0
30°	396.1	435.9	480.3	530.4	606.7	705.4	829.4	986.4	1146.1	1285.5	1403.4
27.5°	434.5	479.8	532.7	607.3	714.6	848.8	1046.7	1270.7	1537.3	1733.6	1968.2
25°	476.7	528.5	596.3	704.5	849.3	1049.9	1366.2	1730.0	2167.1	2521.5	2892.4
22.5°	526.5	603.0	688.9	809.6	1062.6	1393.1	1825.3	2446.8	3119.3	3741.0	4339.7
20°	586.8	691.3	829.2	1051.4	1376.2	1864.8	2615.7	3607.7	4596.7	5649.8	6663.7
17.5°	672.7	823.5	1037.6	1353.9	1781.9	2748.5	3966.9	5501.2	7472.3	9258.6	10818.2
15°	753.3	933.5	1271.7	1744.4	2491.0	3772.0	5622.7	8155.0	11227.0	14026.7	16983.7
12.5°	838.0	1050.7	1439.1	2041.0	3078.5	4746.1	7346.9	10816.7	14663.3	18882.8	23688.9
10°	905.0	1163.3	1628.3	2391.5	3670.3	5747.0	8844.9	13053.0	18164.6	24409.2	32092.1
7.5°	950.3	1253.5	1784.6	2648.1	4215.3	6770.7	10499.9	15557.9	21948.3	30221.0	40971.6
5°	985.7	1322.4	1902.1	2882.1	4676.2	7552.1	11726.1	17751.4	25310.9	36394.9	54614.0
2.5°	1014.1	1375.1	1974.8	3043.2	4965.5	8096.2	12548.8	18992.4	27312.6	40959.4	64596.3
0°	1036.3	1422.8	2022.2	3142.6	5187.2	8150.5	12805.5	19219.5	28031.0	41783.3	66744.6
-2.5°	1045.7	1448.4	2038.5	3164.4	5165.0	8244.0	12883.9	19400.9	28004.1	41331.9	64345.2
-5°	1061.5	1448.0	2026.2	3142.1	5049.2	8002.4	12372.3	18385.8	26314.6	37777.1	56631.6
-7.5°	1072.8	1424.9	1967.6	2999.8	4746.1	7480.3	11473.2	16703.9	23239.7	31942.9	43620.1
-10°	1062.5	1380.6	1869.8	2760.9	4274.8	6642.8	10106.0	14483.6	19915.5	26365.3	34299.0
-12.5°	1022.5	1298.7	1710.2	2426.4	3664.5	5704.6	8730.5	12457.7	16478.1	21007.9	26490.2
-15°	971.9	1210.5	1566.4	2196.9	3212.0	4774.7	6983.8	10007.5	13232.6	16671.8	20339.2
-17.5°	932.6	1133.1	1427.8	1884.2	2630.8	3873.3	5609.4	7757.4	10127.4	12745.8	14919.1
-20°	879.3	1037.7	1285.1	1657.8	2227.5	3050.7	4315.1	5875.6	7439.5	9280.5	10781.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-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°	825.9	963.9	1152.1	1424.9	1848.8	2470.7	3251.9	4293.9	5437.6	6494.3	7534.5
-25°	776.4	882.7	1034.9	1258.7	1546.3	1970.6	2526.7	3124.4	3878.3	4521.5	5235.4
-27.5°	736.2	827.5	939.9	1104.0	1327.1	1600.1	1998.2	2398.7	2795.2	3119.9	3611.3
-30°	697.5	771.0	865.0	982.0	1149.2	1359.6	1618.0	1877.9	2106.7	2315.4	2571.3
-32.5°	659.5	719.3	791.4	888.5	1008.5	1166.6	1325.5	1511.7	1670.7	1817.5	1953.3
-35°	621.4	674.6	729.5	811.4	907.1	1019.4	1134.9	1261.1	1371.2	1470.0	1557.4
-37.5°	587.0	633.7	685.4	746.3	823.4	908.0	1002.3	1094.0	1166.7	1230.9	1283.9
-40°	558.0	600.5	644.7	693.5	752.1	818.9	899.0	975.3	1026.3	1065.5	1097.7
-42.5°	532.1	569.5	607.1	648.5	693.6	751.3	814.6	877.6	912.2	942.5	965.8
-45°	511.2	540.0	571.6	607.0	646.9	695.2	744.9	788.5	819.2	845.3	864.7
-47.5°	483.7	511.4	538.8	568.0	605.2	645.5	686.6	720.1	746.9	769.6	784.4
-50°	453.3	482.5	507.6	533.3	567.5	601.7	634.8	662.5	688.0	710.3	722.0
-52.5°	422.0	453.2	479.6	504.7	533.4	563.2	593.1	616.8	639.1	660.1	669.0
-55°	399.4	428.2	455.4	479.0	502.7	526.6	550.9	575.5	597.6	617.5	623.5
-57.5°	375.0	404.3	431.2	452.4	473.8	495.3	517.6	539.8	561.2	580.3	585.1
-60°	345.2	377.0	400.9	420.9	441.6	462.9	482.3	502.1	522.0	538.7	544.1
-62.5°	307.3	336.3	359.9	381.0	401.0	419.5	438.4	456.9	474.8	488.0	492.3
-65°	262.0	286.6	310.9	333.0	352.7	370.6	388.0	404.9	421.1	432.7	438.5
-67.5°	226.2	243.9	263.5	282.4	302.3	320.7	336.4	351.2	365.2	375.0	381.1
-70°	191.7	208.6	226.9	245.0	262.2	277.2	289.7	301.9	313.8	322.5	329.0
-72.5°	158.7	173.0	188.3	204.2	220.0	233.5	245.0	255.9	266.2	273.6	279.6
-75°	128.8	140.6	153.5	166.4	179.3	190.0	199.6	209.0	218.1	224.7	230.2
-77.5°	102.2	112.2	122.3	132.4	142.5	150.3	157.3	164.3	171.0	176.2	181.0
-80°	75.7	83.5	91.6	99.7	107.7	113.6	118.9	124.0	128.8	131.8	134.5
-82.5°	51.8	57.2	62.9	68.5	74.2	78.6	82.8	87.0	91.0	92.5	93.5
-85°	33.1	35.8	38.7	41.8	45.1	47.5	49.8	52.0	54.1	56.0	57.8
-87.5°	18.3	18.9	19.4	19.9	20.3	22.0	23.7	25.4	27.0	27.3	27.6
-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: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-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	0.5	1.2
62.5°	5.0	5.3	5.5	5.6	5.5	5.3	5.0	4.6	4.0	4.3	5.1
60°	19.2	17.1	16.7	16.8	16.7	17.1	19.2	20.4	20.5	23.9	24.9
57.5°	85.2	94.7	97.4	95.2	97.4	94.7	85.2	75.0	64.9	63.6	65.0
55°	124.0	127.0	128.3	128.8	128.3	127.0	124.0	119.1	111.8	104.8	99.1
52.5°	152.1	151.1	150.8	151.2	150.8	151.1	152.1	151.5	148.7	141.7	130.9
50°	228.6	224.4	222.8	224.1	222.8	224.4	228.6	227.7	215.9	195.2	178.6
47.5°	292.2	293.5	295.4	296.9	295.4	293.5	292.2	290.8	279.2	257.0	233.4
45°	341.2	344.2	346.2	347.3	346.2	344.2	341.2	336.7	320.7	297.4	271.0
42.5°	391.3	391.6	391.0	392.1	391.0	391.6	391.3	387.3	369.5	345.4	317.7
40°	461.9	463.4	461.8	459.3	461.8	463.4	461.9	455.9	441.1	411.3	380.1
37.5°	603.7	605.7	599.0	593.8	599.0	605.7	603.7	590.9	568.9	528.7	488.8
35°	834.9	858.8	870.2	873.9	870.2	858.8	834.9	802.4	766.9	727.8	634.7
32.5°	1100.3	1133.7	1150.4	1165.2	1150.4	1133.7	1100.3	1056.0	991.9	904.1	790.8
30°	1480.7	1542.2	1569.3	1607.7	1569.3	1542.2	1480.7	1403.4	1285.5	1146.1	986.4
27.5°	2101.3	2209.4	2269.2	2324.7	2269.2	2209.4	2101.3	1968.2	1733.6	1537.3	1270.7
25°	3162.0	3370.1	3504.7	3568.3	3504.7	3370.1	3162.0	2892.4	2521.5	2167.1	1730.0
22.5°	4919.0	5302.6	5598.5	5657.7	5598.5	5302.6	4919.0	4339.7	3741.0	3119.3	2446.8
20°	7647.4	8196.2	8642.7	8867.5	8642.7	8196.2	7647.4	6663.7	5649.8	4596.7	3607.7
17.5°	12675.8	13817.4	14338.8	14424.4	14338.8	13817.4	12675.8	10818.2	9258.6	7472.3	5501.2
15°	20156.5	22088.3	23314.6	24104.2	23314.6	22088.3	20156.5	16983.7	14026.7	11227.0	8155.0
12.5°	28691.9	34181.0	37304.3	38495.1	37304.3	34181.0	28691.9	23688.9	18882.8	14663.3	10816.7
10°	40276.3	53198.2	60652.2	64403.1	60652.2	53198.2	40276.3	32092.1	24409.2	18164.6	13053.0
7.5°	59937.7	79895.8	102008.7	112239.0	102008.7	79895.8	59937.7	40971.6	30221.0	21948.3	15557.9
5°	80606.7	124426.6	162887.8	181305.5	162887.8	124426.6	80606.7	54614.0	36394.9	25310.9	17751.4
2.5°	104362.3	163457.6	218096.1	241070.3	218096.1	163457.6	104362.3	64596.3	40959.4	27312.6	18992.4
0°	113505.0	182341.8	242098.2	264648.0	242098.2	182341.8	113505.0	66744.6	41783.3	28031.0	19219.5
-2.5°	105775.7	166320.6	219034.9	244801.0	219034.9	166320.6	105775.7	64345.2	41331.9	28004.1	19400.9
-5°	84044.3	125112.4	164152.3	185148.3	164152.3	125112.4	84044.3	56631.6	37777.1	26314.6	18385.8
-7.5°	61683.2	84040.3	105721.7	113303.4	105721.7	84040.3	61683.2	43620.1	31942.9	23239.7	16703.9
-10°	42945.2	55747.6	64198.5	66610.1	64198.5	55747.6	42945.2	34299.0	26365.3	19915.5	14483.6
-12.5°	31839.5	37439.2	41335.5	42012.9	41335.5	37439.2	31839.5	26490.2	21007.9	16478.1	12457.7
-15°	23576.3	26424.0	28433.5	28568.8	28433.5	26424.0	23576.3	20339.2	16671.8	13232.6	10007.5
-17.5°	17234.4	19145.9	20160.0	20087.8	20160.0	19145.9	17234.4	14919.1	12745.8	10127.4	7757.4
-20°	12323.6	13475.8	14292.9	14133.2	14292.9	13475.8	12323.6	10781.9	9280.5	7439.5	5875.6



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	8592.9	9357.8	9836.6	9713.4	9836.6	9357.8	8592.9	7534.5	6494.3	5437.6	4293.9
-25°	5838.7	6255.5	6492.6	6453.2	6492.6	6255.5	5838.7	5235.4	4521.5	3878.3	3124.4
-27.5°	3978.8	4198.9	4272.3	4268.5	4272.3	4198.9	3978.8	3611.3	3119.9	2795.2	2398.7
-30°	2761.6	2909.5	2994.1	2940.9	2994.1	2909.5	2761.6	2571.3	2315.4	2106.7	1877.9
-32.5°	2058.3	2141.7	2190.0	2139.9	2190.0	2141.7	2058.3	1953.3	1817.5	1670.7	1511.7
-35°	1622.1	1664.3	1681.3	1652.5	1681.3	1664.3	1622.1	1557.4	1470.0	1371.2	1261.1
-37.5°	1322.5	1347.2	1355.6	1338.8	1355.6	1347.2	1322.5	1283.9	1230.9	1166.7	1094.0
-40°	1120.6	1135.8	1139.5	1125.9	1139.5	1135.8	1120.6	1097.7	1065.5	1026.3	975.3
-42.5°	980.5	989.5	991.7	985.9	991.7	989.5	980.5	965.8	942.5	912.2	877.6
-45°	876.3	884.0	885.5	879.5	885.5	884.0	876.3	864.7	845.3	819.2	788.5
-47.5°	791.8	796.6	797.9	795.4	797.9	796.6	791.8	784.4	769.6	746.9	720.1
-50°	727.3	730.6	730.9	728.2	730.9	730.6	727.3	722.0	710.3	688.0	662.5
-52.5°	673.2	675.5	677.1	677.8	677.1	675.5	673.2	669.0	660.1	639.1	616.8
-55°	627.6	630.6	632.4	633.0	632.4	630.6	627.6	623.5	617.5	597.6	575.5
-57.5°	588.9	591.6	593.3	593.8	593.3	591.6	588.9	585.1	580.3	561.2	539.8
-60°	548.5	551.8	553.9	554.6	553.9	551.8	548.5	544.1	538.7	522.0	502.1
-62.5°	495.2	496.6	498.0	498.6	498.0	496.6	495.2	492.3	488.0	474.8	456.9
-65°	442.8	445.8	447.6	448.1	447.6	445.8	442.8	438.5	432.7	421.1	404.9
-67.5°	386.1	390.0	394.2	397.7	394.2	390.0	386.1	381.1	375.0	365.2	351.2
-70°	334.8	339.7	341.3	341.7	341.3	339.7	334.8	329.0	322.5	313.8	301.9
-72.5°	285.0	289.6	293.6	296.9	293.6	289.6	285.0	279.6	273.6	266.2	255.9
-75°	235.2	239.5	240.6	240.9	240.6	239.5	235.2	230.2	224.7	218.1	209.0
-77.5°	185.4	189.4	190.3	190.5	190.3	189.4	185.4	181.0	176.2	171.0	164.3
-80°	137.0	139.3	142.6	145.6	142.6	139.3	137.0	134.5	131.8	128.8	124.0
-82.5°	94.3	94.8	95.1	95.2	95.1	94.8	94.3	93.5	92.5	91.0	87.0
-85°	59.6	61.3	61.5	61.6	61.5	61.3	59.6	57.8	56.0	54.1	52.0
-87.5°	27.8	27.9	28.0	28.0	28.0	27.9	27.8	27.6	27.3	27.0	25.4
-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: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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	0.4
65°	1.4	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.5
62.5°	5.7	6.2	6.4	5.8	4.3	2.7	3.3	3.9	2.7	0.5	1.9
60°	21.1	13.4	19.0	20.9	18.4	13.2	13.4	12.5	10.3	8.2	5.5
57.5°	69.0	66.7	54.7	47.3	45.0	39.9	32.9	26.2	23.1	18.6	13.2
55°	95.2	91.3	84.8	75.8	65.6	62.7	57.0	48.9	41.0	31.8	25.8
52.5°	117.0	118.0	114.3	103.5	94.4	88.4	80.6	72.9	63.4	54.4	42.4
50°	167.3	160.9	154.8	148.6	134.3	120.4	110.6	100.0	86.4	76.2	66.1
47.5°	213.6	204.1	197.7	189.4	173.1	158.5	143.1	128.1	111.1	95.2	85.2
45°	253.1	239.4	227.0	216.8	202.8	186.0	172.3	155.6	136.2	117.8	100.5
42.5°	293.3	272.4	255.7	245.4	228.4	211.2	195.8	183.0	161.9	140.3	122.9
40°	346.8	304.9	289.3	285.3	269.1	241.7	228.6	214.6	192.2	164.0	146.9
37.5°	435.0	378.9	351.4	337.0	322.3	293.8	268.3	249.9	229.8	198.1	173.6
35°	559.9	494.1	434.0	403.0	385.7	347.0	313.4	288.1	264.1	234.1	202.3
32.5°	669.5	595.3	523.6	469.4	430.5	394.8	357.2	326.0	294.5	263.8	232.5
30°	829.4	705.4	606.7	530.4	480.3	435.9	396.1	358.4	322.8	290.4	259.0
27.5°	1046.7	848.8	714.6	607.3	532.7	479.8	434.5	390.4	349.8	315.0	282.7
25°	1366.2	1049.9	849.3	704.5	596.3	528.5	476.7	425.7	378.3	338.6	311.3
22.5°	1825.3	1393.1	1062.6	809.6	688.9	603.0	526.5	462.4	408.6	373.2	340.8
20°	2615.7	1864.8	1376.2	1051.4	829.2	691.3	586.8	511.4	456.4	410.8	370.7
17.5°	3966.9	2748.5	1781.9	1353.9	1037.6	823.5	672.7	572.6	503.4	448.7	400.8
15°	5622.7	3772.0	2491.0	1744.4	1271.7	933.5	753.3	633.4	551.6	488.5	431.1
12.5°	7346.9	4746.1	3078.5	2041.0	1439.1	1050.7	838.0	702.6	599.7	517.2	451.1
10°	8844.9	5747.0	3670.3	2391.5	1628.3	1163.3	905.0	746.3	628.5	537.8	468.2
7.5°	10499.9	6770.7	4215.3	2648.1	1784.6	1253.5	950.3	775.6	652.2	555.1	482.2
5°	11726.1	7552.1	4676.2	2882.1	1902.1	1322.4	985.7	796.7	670.8	568.8	493.3
2.5°	12548.8	8096.2	4965.5	3043.2	1974.8	1375.1	1014.1	816.4	685.2	582.8	505.6
0°	12805.5	8150.5	5187.2	3142.6	2022.2	1422.8	1036.3	834.7	694.6	593.8	515.4
-2.5°	12883.9	8244.0	5165.0	3164.4	2038.5	1448.4	1045.7	838.1	701.9	598.0	516.8
-5°	12372.3	8002.4	5049.2	3142.1	2026.2	1448.0	1061.5	844.2	706.0	599.4	515.6
-7.5°	11473.2	7480.3	4746.1	2999.8	1967.6	1424.9	1072.8	852.1	709.9	603.8	519.6
-10°	10106.0	6642.8	4274.8	2760.9	1869.8	1380.6	1062.5	847.8	707.4	603.0	520.5
-12.5°	8730.5	5704.6	3664.5	2426.4	1710.2	1298.7	1022.5	830.4	698.5	596.9	518.0
-15°	6983.8	4774.7	3212.0	2196.9	1566.4	1210.5	971.9	803.2	683.6	585.8	512.2
-17.5°	5609.4	3873.3	2630.8	1884.2	1427.8	1133.1	932.6	781.2	665.9	574.5	504.3
-20°	4315.1	3050.7	2227.5	1657.8	1285.1	1037.7	879.3	748.7	645.7	562.8	496.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-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°	3251.9	2470.7	1848.8	1424.9	1152.1	963.9	825.9	712.5	621.0	546.1	486.9
-25°	2526.7	1970.6	1546.3	1258.7	1034.9	882.7	776.4	683.9	601.5	529.5	475.1
-27.5°	1998.2	1600.1	1327.1	1104.0	939.9	827.5	736.2	654.1	580.5	517.0	463.1
-30°	1618.0	1359.6	1149.2	982.0	865.0	771.0	697.5	628.8	560.9	501.0	450.2
-32.5°	1325.5	1166.6	1008.5	888.5	791.4	719.3	659.5	601.6	536.9	484.4	436.7
-35°	1134.9	1019.4	907.1	811.4	729.5	674.6	621.4	567.2	514.6	465.7	421.3
-37.5°	1002.3	908.0	823.4	746.3	685.4	633.7	587.0	539.2	491.3	446.5	405.5
-40°	899.0	818.9	752.1	693.5	644.7	600.5	558.0	513.8	471.2	426.3	388.4
-42.5°	814.6	751.3	693.6	648.5	607.1	569.5	532.1	493.5	451.8	409.2	369.3
-45°	744.9	695.2	646.9	607.0	571.6	540.0	511.2	472.7	431.9	389.3	348.8
-47.5°	686.6	645.5	605.2	568.0	538.8	511.4	483.7	449.7	406.8	366.7	332.2
-50°	634.8	601.7	567.5	533.3	507.6	482.5	453.3	417.8	380.8	347.9	315.3
-52.5°	593.1	563.2	533.4	504.7	479.6	453.2	422.0	391.3	359.8	328.8	298.8
-55°	550.9	526.6	502.7	479.0	455.4	428.2	399.4	368.9	338.0	309.0	278.4
-57.5°	517.6	495.3	473.8	452.4	431.2	404.3	375.0	345.2	313.3	284.0	255.3
-60°	482.3	462.9	441.6	420.9	400.9	377.0	345.2	314.5	285.0	257.3	229.5
-62.5°	438.4	419.5	401.0	381.0	359.9	336.3	307.3	279.1	253.6	229.4	204.5
-65°	388.0	370.6	352.7	333.0	310.9	286.6	262.0	241.2	221.6	201.1	179.1
-67.5°	336.4	320.7	302.3	282.4	263.5	243.9	226.2	208.4	190.1	171.2	151.5
-70°	289.7	277.2	262.2	245.0	226.9	208.6	191.7	175.2	158.1	142.3	127.1
-72.5°	245.0	233.5	220.0	204.2	188.3	173.0	158.7	145.2	131.9	118.8	105.3
-75°	199.6	190.0	179.3	166.4	153.5	140.6	128.8	117.9	106.7	95.2	83.8
-77.5°	157.3	150.3	142.5	132.4	122.3	112.2	102.2	92.4	83.1	74.5	66.5
-80°	118.9	113.6	107.7	99.7	91.6	83.5	75.7	69.0	62.7	56.9	51.3
-82.5°	82.8	78.6	74.2	68.5	62.9	57.2	51.8	47.7	43.7	39.8	36.1
-85°	49.8	47.5	45.1	41.8	38.7	35.8	33.1	30.8	28.5	26.1	23.7
-87.5°	23.7	22.0	20.3	19.9	19.4	18.9	18.3	16.6	15.0	13.4	11.9
-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: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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	0.2	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.2	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.1	2.4	1.7
67.5°	0.0	0.0	0.0	1.2	1.9	1.6	0.4	0.9	2.3	3.6	3.2
65°	1.9	1.3	0.1	1.5	2.8	3.6	2.7	1.7	2.5	3.8	4.7
62.5°	3.3	4.2	3.2	2.3	3.1	4.4	5.2	3.5	2.9	4.0	5.3
60°	3.7	5.0	5.7	4.4	3.9	4.7	5.6	5.1	4.0	4.2	5.4
57.5°	9.8	6.4	6.3	6.0	5.1	5.2	5.6	5.6	5.0	4.7	5.6
55°	18.3	13.4	9.4	7.6	6.3	5.5	5.8	5.6	5.6	5.2	5.6
52.5°	31.8	23.1	16.9	11.5	8.5	6.3	6.4	5.6	5.6	5.5	5.6
50°	50.7	36.4	26.7	19.2	12.0	9.4	7.3	6.5	5.6	5.6	5.6
47.5°	74.1	54.4	39.0	28.1	19.7	12.7	10.0	7.7	5.6	5.6	5.6
45°	91.4	75.9	54.3	39.3	27.7	19.1	13.4	9.2	7.0	5.8	5.6
42.5°	108.5	94.5	73.9	50.3	38.1	26.3	17.2	12.4	8.5	6.2	5.8
40°	130.3	112.7	92.6	68.6	49.4	33.4	23.3	16.0	10.3	7.1	6.2
37.5°	152.8	133.1	111.1	86.2	62.3	44.3	29.5	19.7	12.9	9.1	6.8
35°	178.0	154.4	129.5	103.1	77.6	55.5	35.5	24.1	16.5	11.2	7.5
32.5°	203.5	174.9	146.7	119.4	91.9	67.1	44.0	29.9	19.9	13.3	8.2
30°	228.2	195.0	162.5	135.0	105.5	79.3	54.6	36.2	23.2	15.6	9.3
27.5°	250.6	214.8	177.7	148.9	119.2	90.8	65.4	43.0	26.4	18.0	11.1
25°	274.1	235.0	195.2	161.4	132.0	102.4	75.3	50.2	31.1	20.7	12.9
22.5°	300.8	255.3	212.0	172.6	145.5	113.7	84.8	58.8	36.7	23.2	14.7
20°	329.4	275.4	228.9	188.5	158.2	125.4	94.2	66.7	42.4	25.6	16.5
17.5°	358.8	297.4	249.3	206.6	170.7	136.2	103.2	73.9	48.2	27.9	18.3
15°	378.7	319.5	267.6	223.5	183.2	146.3	111.7	80.4	53.8	30.0	20.0
12.5°	395.4	338.5	283.8	239.2	195.6	155.5	119.6	86.3	59.4	32.8	21.7
10°	410.1	354.6	297.9	253.6	207.6	163.8	126.9	91.5	64.5	36.4	23.3
7.5°	422.8	367.8	310.0	266.6	218.9	172.2	132.9	96.0	68.9	40.1	24.7
5°	433.4	379.1	320.2	275.0	229.5	181.0	138.0	100.0	72.7	43.7	25.9
2.5°	441.9	389.5	328.9	281.1	238.7	189.0	142.2	103.5	75.8	47.2	27.0
0°	448.1	397.7	336.1	285.7	246.5	196.1	145.6	106.4	78.4	50.4	28.0
-2.5°	452.2	399.0	343.8	291.0	251.2	201.9	152.4	110.0	80.5	53.3	29.7
-5°	453.9	398.9	349.6	295.0	254.6	206.6	158.2	113.0	82.1	55.7	31.2
-7.5°	456.4	400.7	352.7	298.2	256.9	210.3	162.6	115.2	83.3	57.7	32.6
-10°	457.4	402.6	353.5	302.2	258.7	212.8	165.4	116.6	84.2	59.2	33.8
-12.5°	456.1	402.5	353.3	304.4	259.6	214.4	166.9	118.8	85.1	60.1	34.8
-15°	452.5	400.1	352.4	304.6	259.5	215.0	167.4	120.8	86.8	60.3	35.7
-17.5°	446.9	395.5	351.2	302.8	258.4	214.6	166.8	121.7	87.7	59.9	36.6
-20°	441.4	391.2	349.3	298.7	256.5	213.5	165.4	121.5	87.6	59.0	37.3

Classified

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Scaled Data Report



REPORT NUMBER: P627808 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-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°	434.1	387.2	343.1	294.7	253.7	211.5	163.1	120.1	86.6	57.7	37.7
-25°	424.9	381.2	336.0	291.5	250.1	207.5	160.4	117.5	84.6	55.9	37.9
-27.5°	415.7	373.0	328.5	287.1	245.3	202.7	156.8	115.0	81.8	53.7	37.8
-30°	405.0	363.7	322.0	281.1	238.5	195.9	151.6	111.1	78.7	52.5	37.4
-32.5°	393.3	354.5	314.6	272.2	229.9	188.3	145.0	105.8	75.2	51.9	37.0
-35°	381.5	344.1	305.7	260.9	220.7	180.0	138.4	99.1	71.2	50.8	36.4
-37.5°	367.7	331.3	291.2	248.8	210.9	171.2	132.2	95.3	66.8	49.4	35.8
-40°	351.9	315.6	274.7	237.5	200.5	161.8	125.5	91.8	63.9	47.5	34.9
-42.5°	334.3	298.0	261.5	226.0	189.7	153.8	118.5	87.4	62.6	46.0	33.9
-45°	316.1	282.0	249.1	214.0	178.8	145.5	112.7	82.7	60.7	44.6	32.9
-47.5°	299.1	268.5	235.6	201.2	169.2	137.0	105.9	79.5	58.1	43.1	31.8
-50°	284.8	253.7	220.8	188.2	158.0	128.3	98.9	75.4	55.9	41.5	30.4
-52.5°	268.2	236.9	204.6	173.8	146.1	118.6	92.9	70.4	52.8	39.4	28.7
-55°	248.6	217.5	186.6	159.5	133.7	109.4	85.8	65.3	48.8	37.0	26.8
-57.5°	225.6	195.4	170.1	145.5	121.2	99.1	78.0	59.2	45.3	34.4	24.7
-60°	202.0	177.6	154.3	130.4	108.0	87.9	69.0	53.0	41.7	31.4	22.3
-62.5°	181.0	158.6	135.8	113.9	94.4	76.2	59.9	48.3	37.7	28.2	19.7
-65°	157.4	136.3	115.9	97.8	80.5	65.3	53.7	43.1	33.4	24.7	17.4
-67.5°	132.1	115.2	98.0	81.6	68.8	57.6	47.2	37.6	28.8	20.9	15.9
-70°	111.6	95.8	81.7	70.1	59.5	49.5	40.2	31.7	23.9	18.7	14.4
-72.5°	92.1	79.9	68.8	58.9	49.6	41.0	33.0	26.0	20.8	16.4	12.7
-75°	73.4	64.6	55.8	47.2	39.4	32.4	27.0	21.9	17.6	13.9	11.1
-77.5°	58.8	50.9	42.9	36.8	32.0	27.2	22.3	17.6	14.6	12.1	9.5
-80°	45.2	39.8	34.9	30.7	26.3	21.9	18.1	14.8	12.6	10.3	8.0
-82.5°	32.5	29.6	27.1	24.6	21.2	18.0	15.1	12.6	10.5	8.4	6.2
-85°	22.2	20.8	19.5	18.4	16.1	13.9	11.6	9.4	7.5	5.7	4.2
-87.5°	11.3	10.8	10.2	9.6	8.3	7.0	5.8	4.7	3.7	2.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA6B-730-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	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.5	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.2	0.9	0.0
70°	0.6	1.3	1.1	0.1	0.2	1.0	0.0
67.5°	2.0	1.7	1.7	0.7	0.3	1.2	0.0
65°	3.2	2.4	2.3	1.2	0.4	1.3	0.0
62.5°	4.4	3.2	2.9	1.8	0.6	1.4	0.0
60°	5.5	3.9	3.5	2.4	0.7	1.6	0.0
57.5°	5.6	4.6	3.9	3.0	1.2	1.7	0.0
55°	5.6	5.2	4.3	3.6	1.7	1.9	0.0
52.5°	5.6	5.6	4.6	4.2	2.1	2.1	0.0
50°	5.6	5.6	4.9	4.8	2.5	2.2	0.0
47.5°	5.6	5.6	5.2	5.3	2.9	2.4	0.0
45°	5.6	5.6	5.4	5.4	3.3	2.6	0.0
42.5°	5.6	5.6	5.5	5.6	3.6	2.7	0.0
40°	5.6	5.6	5.6	5.6	3.9	2.9	0.0
37.5°	5.6	5.6	5.6	5.6	4.2	3.1	0.0
35°	5.6	5.6	5.6	5.6	4.4	3.3	0.0
32.5°	5.8	5.6	5.6	5.6	4.7	3.5	0.0
30°	6.3	5.6	5.6	5.6	4.8	3.6	0.0
27.5°	7.0	5.6	5.6	5.6	5.0	3.8	0.0
25°	7.6	5.6	5.6	5.6	5.2	4.0	0.0
22.5°	8.3	5.7	5.6	5.6	5.3	4.2	0.0
20°	9.0	6.1	5.6	5.6	5.4	4.4	0.0
17.5°	10.1	6.6	5.6	5.6	5.4	4.5	0.0
15°	11.2	7.2	5.6	5.6	5.5	4.7	0.0
12.5°	12.3	7.8	5.6	5.6	5.5	4.9	0.0
10°	13.3	8.5	5.6	5.6	5.6	5.0	0.0
7.5°	14.3	9.2	5.6	5.6	5.6	5.2	0.0
5°	15.2	9.9	5.6	5.6	5.6	5.3	0.0
2.5°	16.0	10.6	5.6	5.6	5.6	5.5	0.0
0°	16.8	11.2	5.6	5.6	5.6	5.6	0.0
-2.5°	18.3	11.8	6.1	5.6	5.6	5.6	0.0
-5°	19.6	12.3	6.6	5.6	5.6	5.6	0.0
-7.5°	20.9	12.8	7.0	5.6	5.6	5.6	0.0
-10°	22.0	13.2	7.4	5.6	5.6	5.5	0.0
-12.5°	22.9	13.6	7.8	5.6	5.6	5.5	0.0
-15°	23.6	13.9	8.1	5.6	5.6	5.4	0.0
-17.5°	24.1	14.2	8.4	5.6	5.6	5.3	0.0
-20°	24.4	14.3	8.5	5.6	5.6	5.3	0.0

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CATALOG NUMBER: GFLD-SA6B-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.7	14.5	8.6	5.6	5.6	5.2	0.0
-25°	24.8	14.8	8.6	5.6	5.6	5.1	0.0
-27.5°	24.9	15.2	8.4	5.6	5.6	5.0	0.0
-30°	24.7	15.5	8.2	5.6	5.6	4.8	0.0
-32.5°	24.4	15.6	8.2	5.6	5.6	4.7	0.0
-35°	24.4	15.6	8.1	5.6	5.6	4.6	0.0
-37.5°	24.3	15.4	7.9	5.6	5.6	4.4	0.0
-40°	24.0	15.1	7.6	5.6	5.6	4.3	0.0
-42.5°	23.5	14.6	7.6	5.7	5.6	4.1	0.0
-45°	22.7	14.0	7.7	5.8	5.6	4.0	0.0
-47.5°	21.8	13.3	7.9	5.9	5.6	3.8	0.0
-50°	20.7	12.4	8.0	6.0	5.6	3.6	0.0
-52.5°	19.4	11.4	8.0	6.0	5.6	3.4	0.0
-55°	17.9	11.1	7.9	6.1	5.6	3.2	0.0
-57.5°	16.2	10.8	7.8	6.1	5.6	3.0	0.0
-60°	14.5	10.5	7.6	6.0	5.6	2.8	0.0
-62.5°	13.8	10.0	7.4	6.0	5.2	2.6	0.0
-65°	12.9	9.5	7.2	5.9	4.7	2.4	0.0
-67.5°	12.0	8.9	6.8	5.8	4.3	2.1	0.0
-70°	10.9	8.2	6.5	5.6	3.8	1.9	0.0
-72.5°	9.7	7.5	6.1	5.0	3.4	1.7	0.0
-75°	8.5	6.7	5.7	4.3	2.9	1.4	0.0
-77.5°	7.1	5.9	4.8	3.6	2.4	1.2	0.0
-80°	5.8	4.8	3.9	2.9	1.9	1.0	0.0
-82.5°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-85°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-87.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)