

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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627858 (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-SA6C-727-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

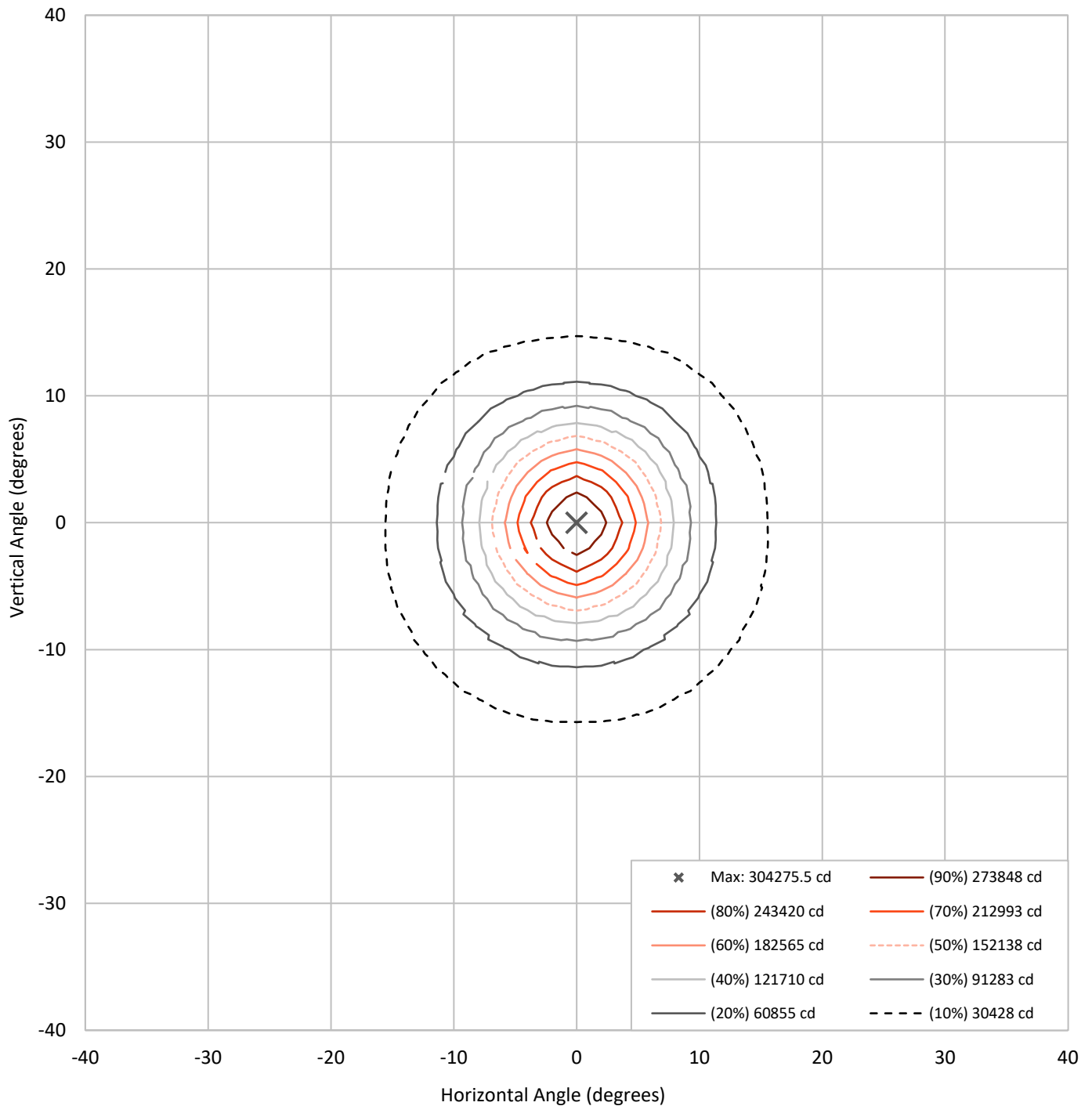
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30017.4 lumens	Max Intensity:	304275.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.3 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:	9582.9 lumens	Field Lumens:	21344.3 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	247.5		
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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





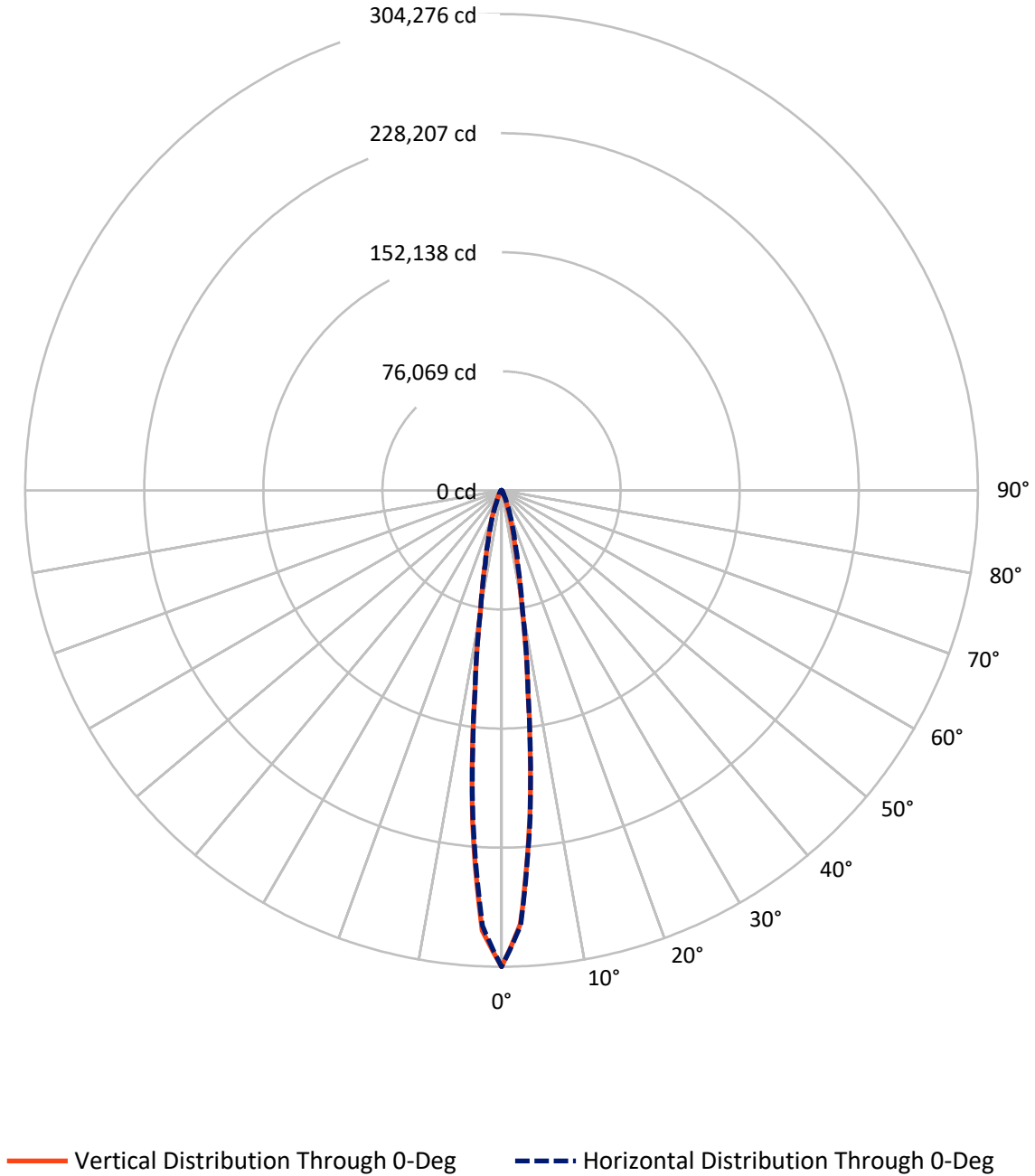
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Lumen Table

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	0.1	0.1		
60		0.1	0.2	0.7	1.7	2.7	3.6	4.3	4.3	3.6	2.7	1.7	0.7	0.2				0.1	
50	0.1	0.2	0.9	2.6	4.9	7.2	10.1	11.9	11.9	10.1	7.2	4.9	2.6	0.9	0.2	0.1	0.1		
40		0.4	2.1	5.1	9.1	14.4	24.4	31.1	31.1	24.4	14.4	9.1	5.1	2.1	0.4				
30	0.3	0.8	3.3	7.7	14.1	30.5	81.5	135.0	135.0	81.5	30.5	14.1	7.7	3.3	0.8	0.3	0.3		
20		1.3	4.6	10.7	23.2	91.3	384.8	845.8	845.8	384.8	91.3	23.2	10.7	4.6	1.3				
10	0.5	1.6	5.6	12.6	31.5	171.3	922.0	4135.1	4135.1	922.0	171.3	31.5	12.6	5.6	1.6	0.5	0.5		
0		1.8	6.1	13.2	33.9	182.6	954.4	4205.3	4205.3	954.4	182.6	33.9	13.2	6.1	1.8				
-10	0.6	2.0	6.2	13.0	29.7	116.2	463.3	990.9	990.9	463.3	116.2	29.7	13.0	6.2	2.0	0.6	0.6		
-20		1.9	5.9	12.0	23.0	54.3	142.7	237.9	237.9	142.7	54.3	23.0	12.0	5.9	1.9				
-30	0.5	1.6	5.3	10.5	18.0	29.8	48.5	61.7	61.7	48.5	29.8	18.0	10.5	5.3	1.6	0.5	0.5		
-40		1.3	4.3	8.8	14.5	20.8	28.0	31.2	31.2	28.0	20.8	14.5	8.8	4.3	1.3				
-50	0.4	1.0	3.3	6.9	11.4	16.0	20.2	22.1	22.1	20.2	16.0	11.4	6.9	3.3	1.0	0.4	0.4		
-60		0.7	2.0	4.4	7.7	11.1	14.1	15.5	15.5	14.1	11.1	7.7	4.4	2.0	0.7				
-70	0.1	0.7	2.0	4.4	7.7	11.1	14.1	15.5	15.5	14.1	11.1	7.7	4.4	2.0	0.7	0.1	0.1		
-80		1.8	7.6	16.6	21.0	16.6	7.6	1.8	0.1	0.1									
-90	0.1	1.8	7.6	16.6	21.0	16.6	7.6	1.8	0.1	0.1	1.8	7.6	16.6	21.0	16.6	7.6	1.8	0.1	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

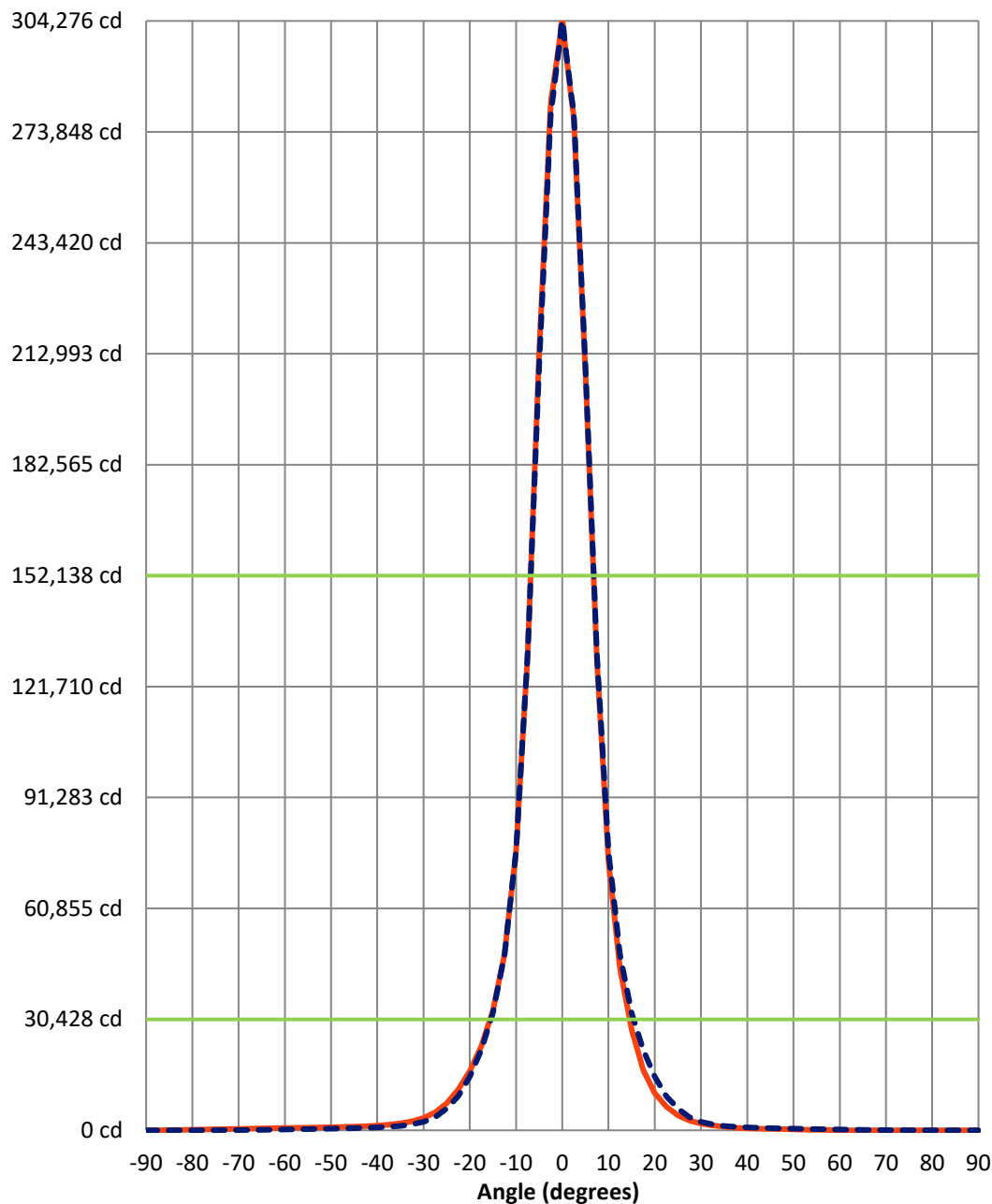
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 9582.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 21344.3
 Efficiency: 71.1%

Spill:
 Lumens: 8673.1
 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	0.3	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	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.2
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.4	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.4	0.7	2.0	2.7	2.4	0.9
67.5°	0.0	1.3	0.4	0.7	1.9	2.0	2.3	3.6	4.1	2.6	1.1
65°	0.0	1.5	0.5	1.4	2.6	2.7	3.7	5.3	4.3	2.8	1.9
62.5°	0.0	1.6	0.7	2.0	3.3	3.6	5.0	6.0	4.5	3.3	4.0
60°	0.0	1.8	0.9	2.7	4.0	4.5	6.3	6.2	4.8	4.6	5.9
57.5°	0.0	2.0	1.4	3.4	4.5	5.2	6.4	6.4	5.4	5.7	6.4
55°	0.0	2.2	1.9	4.1	4.9	5.9	6.4	6.4	5.9	6.4	6.4
52.5°	0.0	2.3	2.4	4.8	5.3	6.4	6.4	6.4	6.3	6.4	6.4
50°	0.0	2.5	2.9	5.5	5.6	6.4	6.4	6.4	6.4	6.4	7.5
47.5°	0.0	2.7	3.3	6.1	5.9	6.4	6.4	6.4	6.4	6.4	8.9
45°	0.0	2.9	3.7	6.2	6.2	6.4	6.4	6.4	6.6	8.0	10.6
42.5°	0.0	3.1	4.1	6.4	6.3	6.4	6.4	6.6	7.0	9.8	14.2
40°	0.0	3.3	4.5	6.4	6.4	6.4	6.4	7.2	8.2	11.8	18.4
37.5°	0.0	3.5	4.8	6.4	6.4	6.4	6.4	7.8	10.4	14.9	22.7
35°	0.0	3.7	5.1	6.4	6.4	6.4	6.4	8.6	12.8	19.0	27.8
32.5°	0.0	3.9	5.3	6.4	6.4	6.4	6.6	9.5	15.3	22.9	34.4
30°	0.0	4.2	5.5	6.4	6.4	6.4	7.3	10.7	17.9	26.7	41.7
27.5°	0.0	4.4	5.7	6.4	6.4	6.4	8.0	12.8	20.8	30.3	49.5
25°	0.0	4.6	5.9	6.4	6.4	6.4	8.8	14.9	23.8	35.7	57.8
22.5°	0.0	4.8	6.0	6.4	6.4	6.5	9.6	17.0	26.7	42.2	67.7
20°	0.0	5.0	6.1	6.4	6.4	7.0	10.4	19.0	29.5	48.8	76.7
17.5°	0.0	5.2	6.2	6.4	6.4	7.6	11.6	21.0	32.1	55.4	85.0
15°	0.0	5.4	6.3	6.4	6.4	8.2	12.9	23.1	34.5	61.9	92.5
12.5°	0.0	5.6	6.3	6.4	6.4	9.0	14.1	25.0	37.7	68.3	99.3
10°	0.0	5.8	6.4	6.4	6.4	9.8	15.3	26.8	41.9	74.2	105.2
7.5°	0.0	5.9	6.4	6.4	6.4	10.6	16.4	28.4	46.1	79.3	110.5
5°	0.0	6.1	6.4	6.4	6.4	11.4	17.4	29.8	50.3	83.6	115.1
2.5°	0.0	6.3	6.4	6.4	6.4	12.2	18.4	31.1	54.3	87.2	119.1
0°	0.0	6.4	6.4	6.4	6.4	12.9	19.3	32.2	58.0	90.2	122.4
-2.5°	0.0	6.4	6.4	6.4	7.0	13.6	21.0	34.1	61.3	92.6	126.6
-5°	0.0	6.4	6.4	6.4	7.5	14.2	22.6	35.9	64.1	94.4	130.0
-7.5°	0.0	6.3	6.4	6.4	8.1	14.7	24.0	37.5	66.4	95.8	132.5
-10°	0.0	6.3	6.4	6.4	8.5	15.2	25.3	38.9	68.1	96.9	134.1
-12.5°	0.0	6.2	6.4	6.4	9.0	15.6	26.3	40.1	69.2	97.8	136.6
-15°	0.0	6.2	6.4	6.4	9.3	16.0	27.1	41.1	69.4	99.8	138.9
-17.5°	0.0	6.1	6.4	6.4	9.6	16.3	27.7	42.0	68.9	100.8	140.0
-20°	0.0	6.0	6.4	6.4	9.8	16.5	28.0	42.9	67.9	100.8	139.7

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Scaled Data Report



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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	5.9	6.4	6.4	9.9	16.6	28.4	43.4	66.4	99.6	138.1
-25°	0.0	5.8	6.4	6.4	9.8	17.1	28.6	43.6	64.3	97.3	135.1
-27.5°	0.0	5.7	6.4	6.4	9.7	17.5	28.6	43.5	61.8	94.0	132.2
-30°	0.0	5.5	6.4	6.4	9.4	17.8	28.4	43.0	60.4	90.6	127.8
-32.5°	0.0	5.4	6.4	6.4	9.4	17.9	28.1	42.5	59.7	86.5	121.8
-35°	0.0	5.2	6.4	6.4	9.3	17.9	28.0	41.9	58.5	81.9	114.0
-37.5°	0.0	5.1	6.4	6.4	9.1	17.7	27.9	41.2	56.8	76.8	109.6
-40°	0.0	4.9	6.4	6.4	8.7	17.4	27.6	40.2	54.6	73.5	105.6
-42.5°	0.0	4.7	6.4	6.5	8.6	16.8	27.0	39.0	52.9	72.0	100.6
-45°	0.0	4.5	6.4	6.6	8.9	16.1	26.2	37.8	51.4	69.8	95.1
-47.5°	0.0	4.3	6.4	6.8	9.0	15.3	25.1	36.5	49.6	66.8	91.4
-50°	0.0	4.1	6.4	6.9	9.1	14.3	23.8	34.9	47.7	64.3	86.7
-52.5°	0.0	3.9	6.4	6.9	9.1	13.1	22.3	33.0	45.3	60.7	81.0
-55°	0.0	3.7	6.4	6.9	9.1	12.7	20.6	30.9	42.6	56.2	75.1
-57.5°	0.0	3.4	6.4	6.9	9.0	12.4	18.6	28.4	39.5	52.1	68.1
-60°	0.0	3.2	6.4	6.9	8.8	12.0	16.7	25.7	36.1	47.9	61.0
-62.5°	0.0	3.0	5.9	6.8	8.5	11.5	15.8	22.7	32.4	43.3	55.5
-65°	0.0	2.7	5.4	6.7	8.2	10.9	14.9	20.0	28.4	38.4	49.5
-67.5°	0.0	2.4	4.9	6.6	7.8	10.2	13.7	18.3	24.1	33.1	43.2
-70°	0.0	2.2	4.4	6.4	7.4	9.5	12.5	16.5	21.5	27.5	36.5
-72.5°	0.0	1.9	3.8	5.8	7.0	8.6	11.2	14.6	18.8	24.0	29.9
-75°	0.0	1.7	3.3	5.0	6.5	7.7	9.7	12.8	16.0	20.2	25.2
-77.5°	0.0	1.4	2.8	4.1	5.5	6.7	8.2	11.0	13.9	16.8	20.2
-80°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	9.1	11.8	14.4	17.1
-82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	7.1	9.7	12.1	14.5
-85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	4.8	6.6	8.6	10.8
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.4	3.3	4.3	5.4
-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	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.8	2.2	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.1	4.2	3.2	1.7	0.1	1.5	2.2	1.7	0.2	0.0	0.0
62.5°	5.9	5.0	3.5	2.6	3.6	4.8	3.8	2.2	0.6	3.1	4.5
60°	6.4	5.4	4.5	5.1	6.5	5.8	4.2	6.3	9.5	11.9	14.4
57.5°	6.4	5.9	5.8	6.9	7.3	7.3	11.3	15.1	21.4	26.6	30.1
55°	6.6	6.3	7.3	8.7	10.8	15.4	21.0	29.7	36.6	47.2	56.2
52.5°	7.3	7.3	9.8	13.2	19.5	26.6	36.6	48.8	62.5	72.9	83.8
50°	8.3	10.7	13.8	22.1	30.7	41.9	58.3	76.1	87.7	99.3	115.0
47.5°	11.5	14.6	22.7	32.3	44.8	62.6	85.2	98.0	109.4	127.7	147.3
45°	15.5	21.9	31.8	45.2	62.5	87.3	105.1	115.6	135.4	156.6	178.9
42.5°	19.8	30.3	43.8	57.9	84.9	108.6	124.7	141.3	161.4	186.2	210.3
40°	26.8	38.5	56.9	78.9	106.5	129.6	149.8	168.9	188.6	221.0	246.6
37.5°	34.0	51.0	71.7	99.1	127.8	153.0	175.6	199.6	227.7	264.2	287.3
35°	40.9	63.9	89.3	118.5	148.9	177.5	204.6	232.6	269.1	303.6	331.3
32.5°	50.6	77.1	105.7	137.3	168.6	201.0	233.9	267.3	303.3	338.6	374.8
30°	62.8	91.3	121.4	155.3	186.8	224.2	262.3	297.8	333.9	371.1	412.0
27.5°	75.2	104.5	137.1	171.3	204.3	247.0	288.1	325.1	362.2	402.2	448.8
25°	86.5	117.8	151.9	185.5	224.4	270.1	315.2	357.9	389.3	434.9	489.4
22.5°	97.5	130.8	167.4	198.4	243.7	293.5	345.9	391.9	429.0	469.8	531.6
20°	108.3	144.2	181.9	216.6	263.1	316.6	378.8	426.2	472.4	524.8	588.0
17.5°	118.7	156.7	196.3	237.5	286.6	342.0	412.5	460.8	516.0	578.8	658.4
15°	128.4	168.2	210.7	257.0	307.7	367.4	435.4	495.7	561.7	634.2	728.2
12.5°	137.5	178.8	224.9	275.0	326.3	389.2	454.6	518.7	594.7	689.5	807.8
10°	145.9	188.3	238.6	291.6	342.5	407.7	471.6	538.3	618.4	722.6	858.0
7.5°	152.9	198.0	251.7	306.5	356.5	422.9	486.2	554.4	638.2	749.9	891.8
5°	158.8	208.1	263.8	316.2	368.1	436.0	498.4	567.1	654.0	771.2	915.9
2.5°	163.6	217.3	274.4	323.2	378.1	447.9	508.1	581.2	670.0	787.8	938.5
0°	167.5	225.4	283.4	328.5	386.4	457.3	515.2	592.5	682.7	798.6	959.6
-2.5°	175.3	232.1	288.8	334.6	395.3	458.8	519.9	594.1	687.5	807.0	963.5
-5°	181.9	237.5	292.7	339.2	401.9	458.7	521.9	592.8	689.2	811.8	970.5
-7.5°	186.9	241.7	295.3	342.9	405.5	460.8	524.8	597.4	694.2	816.2	979.7
-10°	190.2	244.7	297.4	347.4	406.4	463.0	525.9	598.4	693.3	813.3	974.7
-12.5°	191.9	246.5	298.4	350.0	406.2	462.7	524.4	595.6	686.2	803.2	954.8
-15°	192.4	247.1	298.3	350.2	405.2	460.0	520.3	588.8	673.5	786.0	923.6
-17.5°	191.8	246.8	297.1	348.1	403.8	454.7	513.8	579.7	660.5	765.7	898.2
-20°	190.2	245.4	294.8	343.5	401.6	449.8	507.5	571.1	647.0	742.3	860.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	187.5	243.1	291.6	338.8	394.5	445.2	499.1	559.7	627.8	714.0	819.2
-25°	184.4	238.6	287.6	335.1	386.4	438.3	488.6	546.2	608.7	691.6	786.3
-27.5°	180.2	233.0	281.9	330.1	377.8	428.8	478.0	532.4	594.4	667.4	752.1
-30°	174.3	225.2	274.1	323.2	370.2	418.2	465.7	517.6	575.9	644.8	723.0
-32.5°	166.8	216.4	264.3	312.9	361.7	407.6	452.2	502.1	556.9	617.3	691.7
-35°	159.2	207.0	253.7	300.0	351.5	395.7	438.7	484.4	535.4	591.5	652.1
-37.5°	152.0	196.8	242.4	286.1	334.9	380.9	422.8	466.2	513.4	564.8	619.9
-40°	144.3	186.0	230.5	273.1	315.9	362.8	404.6	446.6	490.1	541.8	590.7
-42.5°	136.3	176.9	218.0	259.7	300.6	342.6	384.3	424.5	470.4	519.4	567.4
-45°	129.6	167.3	205.5	246.0	286.3	324.2	363.4	401.0	447.6	496.5	543.5
-47.5°	121.8	157.5	194.6	231.3	270.8	308.7	343.9	381.9	421.6	467.7	517.0
-50°	113.8	147.6	181.7	216.3	253.8	291.7	327.4	362.5	400.0	437.9	480.4
-52.5°	106.8	136.4	168.1	199.8	235.2	272.3	308.4	343.6	378.0	413.6	449.9
-55°	98.7	125.8	153.8	183.5	214.5	250.0	285.8	320.1	355.2	388.5	424.1
-57.5°	89.6	113.9	139.4	167.3	195.5	224.7	259.3	293.5	326.5	360.2	396.8
-60°	79.4	101.1	124.3	149.9	177.4	204.1	232.2	263.9	295.8	327.7	361.5
-62.5°	68.8	87.7	108.5	131.0	156.2	182.4	208.1	235.1	263.8	291.5	320.9
-65°	61.8	75.0	92.6	112.5	133.3	156.7	181.0	205.9	231.2	254.7	277.3
-67.5°	54.2	66.2	79.1	93.9	112.7	132.5	151.9	174.2	196.9	218.5	239.6
-70°	46.3	56.9	68.4	80.6	94.0	110.2	128.4	146.2	163.6	181.8	201.4
-72.5°	37.9	47.1	57.1	67.7	79.1	91.9	105.9	121.1	136.6	151.7	167.0
-75°	31.1	37.2	45.4	54.3	64.2	74.2	84.4	96.4	109.5	122.7	135.6
-77.5°	25.6	31.2	36.8	42.4	49.4	58.6	67.6	76.5	85.7	95.6	106.2
-80°	20.8	25.2	30.3	35.4	40.2	45.7	52.0	59.0	65.5	72.1	79.4
-82.5°	17.4	20.7	24.3	28.3	31.1	34.1	37.4	41.5	45.8	50.2	54.8
-85°	13.3	16.0	18.5	21.1	22.4	23.9	25.5	27.2	30.0	32.7	35.4
-87.5°	6.7	8.0	9.5	11.1	11.7	12.4	13.0	13.6	15.4	17.3	19.2
-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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.8	3.1	5.0	6.7	7.3	7.1	6.5	5.8	5.0	4.6	5.2
60°	15.5	15.2	21.1	24.0	21.9	15.4	24.2	28.6	27.5	23.6	23.4
57.5°	37.8	45.9	51.8	54.4	62.9	76.7	79.3	74.8	73.2	74.6	86.2
55°	65.5	72.1	75.5	87.2	97.5	105.0	109.5	113.9	120.5	128.6	136.9
52.5°	92.6	101.6	108.5	119.0	131.4	135.8	134.6	150.5	163.0	170.9	174.2
50°	127.2	138.4	154.5	170.8	178.0	185.0	192.3	205.4	224.4	248.1	261.7
47.5°	164.5	182.2	199.0	217.8	227.2	234.6	245.5	268.3	295.4	321.0	334.3
45°	198.0	213.8	233.1	249.3	261.0	275.2	291.0	311.5	341.9	368.7	387.1
42.5°	225.0	242.8	262.6	282.2	294.0	313.2	337.2	365.2	397.1	424.9	445.4
40°	262.8	277.9	309.4	328.0	332.6	350.5	398.7	437.0	473.0	507.1	524.2
37.5°	308.5	337.8	370.6	387.4	404.0	435.6	500.1	561.9	607.8	654.0	679.3
35°	360.3	398.9	443.5	463.4	499.0	568.0	643.7	729.7	836.8	881.7	922.5
32.5°	410.7	453.9	495.0	539.8	602.0	684.4	769.7	909.2	1039.5	1140.4	1214.1
30°	455.4	501.2	552.3	609.9	697.5	811.1	953.6	1134.1	1317.7	1478.0	1613.5
27.5°	499.6	551.7	612.4	698.2	821.6	975.9	1203.4	1460.9	1767.4	1993.2	2262.9
25°	548.1	607.6	685.5	810.0	976.5	1207.1	1570.8	1988.9	2491.6	2899.1	3325.6
22.5°	605.3	693.3	792.0	930.9	1221.7	1601.7	2098.6	2813.2	3586.4	4301.2	4989.5
20°	674.6	794.9	953.4	1208.9	1582.3	2144.1	3007.4	4147.9	5284.9	6495.8	7661.5
17.5°	773.4	946.8	1193.0	1556.6	2048.8	3160.0	4560.9	6325.0	8591.2	10645.0	12438.1
15°	866.2	1073.3	1462.1	2005.7	2864.1	4336.8	6464.6	9376.1	12908.1	16127.0	19526.8
12.5°	963.5	1208.0	1654.6	2346.7	3539.4	5456.8	8447.0	12436.4	16859.0	21710.2	27236.1
10°	1040.5	1337.4	1872.2	2749.7	4219.9	6607.5	10169.3	15007.6	20884.6	28064.1	36897.6
7.5°	1092.6	1441.2	2051.9	3044.7	4846.4	7784.5	12072.1	17887.5	25234.8	34746.2	47106.5
5°	1133.2	1520.4	2187.0	3313.7	5376.4	8682.9	13481.9	20409.5	29101.0	41844.6	62791.8
2.5°	1165.9	1581.0	2270.5	3498.8	5709.0	9308.4	14427.8	21836.3	31402.4	47092.6	74268.7
0°	1191.5	1635.9	2325.0	3613.1	5963.9	9370.9	14723.0	22097.4	32228.3	48039.8	76738.7
-2.5°	1202.4	1665.3	2343.7	3638.2	5938.5	9478.4	14813.2	22306.0	32197.3	47520.8	73980.1
-5°	1220.5	1664.8	2329.6	3612.6	5805.3	9200.7	14224.9	21138.8	30254.8	43433.7	65111.4
-7.5°	1233.5	1638.2	2262.2	3448.9	5456.7	8600.4	13191.1	19205.1	26719.5	36725.9	50151.7
-10°	1221.5	1587.3	2149.8	3174.3	4914.9	7637.4	11619.2	16652.3	22897.6	30313.1	39434.9
-12.5°	1175.6	1493.2	1966.3	2789.7	4213.1	6558.7	10037.7	14323.1	18945.5	24153.5	30456.7
-15°	1117.5	1391.7	1800.9	2525.9	3692.9	5489.6	8029.5	11506.0	15214.0	19168.2	23384.8
-17.5°	1072.2	1302.7	1641.5	2166.4	3024.8	4453.3	6449.3	8919.0	11643.9	14654.3	17153.1
-20°	1011.0	1193.1	1477.5	1906.1	2561.1	3507.5	4961.2	6755.4	8553.5	10670.2	12396.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	949.6	1108.3	1324.7	1638.3	2125.6	2840.7	3738.8	4936.9	6251.8	7466.8	8662.7
-25°	892.6	1014.9	1189.9	1447.2	1777.8	2265.7	2905.0	3592.3	4459.0	5198.6	6019.3
-27.5°	846.5	951.5	1080.6	1269.3	1525.8	1839.7	2297.4	2758.0	3213.8	3587.0	4152.0
-30°	802.0	886.5	994.5	1129.0	1321.3	1563.2	1860.3	2159.1	2422.1	2662.1	2956.3
-32.5°	758.3	827.0	909.9	1021.5	1159.5	1341.3	1524.0	1738.0	1920.9	2089.7	2245.8
-35°	714.5	775.6	838.7	932.9	1042.9	1172.1	1304.8	1449.9	1576.5	1690.1	1790.7
-37.5°	674.9	728.6	788.0	858.1	946.8	1044.0	1152.4	1257.7	1341.3	1415.1	1476.1
-40°	641.5	690.4	741.2	797.3	864.8	941.6	1033.6	1121.4	1179.9	1225.0	1262.0
-42.5°	611.7	654.7	698.0	745.6	797.4	863.9	936.5	1009.0	1048.7	1083.6	1110.4
-45°	587.7	620.7	657.2	697.8	743.7	799.3	856.5	906.6	941.9	971.9	994.2
-47.5°	556.1	587.9	619.4	653.0	695.8	742.1	789.4	827.9	858.7	884.8	901.9
-50°	521.2	554.7	583.6	613.1	652.5	691.8	729.8	761.7	791.1	816.7	830.1
-52.5°	485.2	521.1	551.4	580.3	613.2	647.5	681.8	709.1	734.8	759.0	769.1
-55°	459.2	492.3	523.6	550.7	577.9	605.3	633.3	661.6	687.1	710.0	716.8
-57.5°	431.1	464.9	495.8	520.1	544.7	569.4	595.1	620.6	645.2	667.2	672.7
-60°	396.9	433.4	461.0	483.9	507.8	532.3	554.6	577.3	600.2	619.4	625.5
-62.5°	353.4	386.7	413.8	438.0	461.1	482.3	504.1	525.3	545.9	561.0	566.0
-65°	301.2	329.5	357.5	382.8	405.6	426.1	446.1	465.5	484.2	497.5	504.1
-67.5°	260.1	280.4	302.9	324.7	347.6	368.7	386.8	403.8	419.8	431.1	438.2
-70°	220.4	239.8	260.9	281.6	301.5	318.7	333.1	347.1	360.8	370.8	378.3
-72.5°	182.5	198.9	216.5	234.8	252.9	268.4	281.7	294.2	306.0	314.6	321.5
-75°	148.2	161.7	176.5	191.4	206.1	218.4	229.5	240.3	250.7	258.3	264.7
-77.5°	117.5	129.0	140.6	152.2	163.8	172.8	180.9	188.8	196.6	202.6	208.0
-80°	87.1	96.1	105.3	114.6	123.9	130.7	136.8	142.6	148.1	151.6	154.7
-82.5°	59.5	65.8	72.3	78.8	85.4	90.4	95.3	100.0	104.7	106.4	107.6
-85°	38.0	41.2	44.5	48.1	51.9	54.6	57.3	59.8	62.2	64.4	66.5
-87.5°	21.1	21.8	22.3	22.9	23.4	25.3	27.2	29.2	31.1	31.4	31.7
-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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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	0.6	1.4
62.5°	5.7	6.1	6.3	6.4	6.3	6.1	5.7	5.2	4.6	5.0	5.8
60°	22.0	19.6	19.1	19.3	19.1	19.6	22.0	23.4	23.6	27.5	28.6
57.5°	97.9	108.9	112.0	109.5	112.0	108.9	97.9	86.2	74.6	73.2	74.8
55°	142.6	146.0	147.6	148.1	147.6	146.0	142.6	136.9	128.6	120.5	113.9
52.5°	174.9	173.7	173.5	173.9	173.5	173.7	174.9	174.2	170.9	163.0	150.5
50°	262.8	258.0	256.1	257.6	256.1	258.0	262.8	261.7	248.1	224.4	205.4
47.5°	335.9	337.4	339.6	341.3	339.6	337.4	335.9	334.3	321.0	295.4	268.3
45°	392.3	395.7	398.0	399.3	398.0	395.7	392.3	387.1	368.7	341.9	311.5
42.5°	449.9	450.2	449.6	450.8	449.6	450.2	449.9	445.4	424.9	397.1	365.2
40°	531.1	532.8	531.0	528.1	531.0	532.8	531.1	524.2	507.1	473.0	437.0
37.5°	694.1	696.4	688.7	682.7	688.7	696.4	694.1	679.3	654.0	607.8	561.9
35°	959.9	987.4	1000.5	1004.7	1000.5	987.4	959.9	922.5	881.7	836.8	729.7
32.5°	1265.1	1303.4	1322.6	1339.6	1322.6	1303.4	1265.1	1214.1	1140.4	1039.5	909.2
30°	1702.4	1773.1	1804.3	1848.4	1804.3	1773.1	1702.4	1613.5	1478.0	1317.7	1134.1
27.5°	2416.0	2540.2	2609.0	2672.8	2609.0	2540.2	2416.0	2262.9	1993.2	1767.4	1460.9
25°	3635.5	3874.7	4029.5	4102.6	4029.5	3874.7	3635.5	3325.6	2899.1	2491.6	1988.9
22.5°	5655.6	6096.6	6436.7	6504.9	6436.7	6096.6	5655.6	4989.5	4301.2	3586.4	2813.2
20°	8792.4	9423.5	9936.8	10195.3	9936.8	9423.5	8792.4	7661.5	6495.8	5284.9	4147.9
17.5°	14573.8	15886.3	16485.8	16584.3	16485.8	15886.3	14573.8	12438.1	10645.0	8591.2	6325.0
15°	23174.7	25395.7	26805.7	27713.5	26805.7	25395.7	23174.7	19526.8	16127.0	12908.1	9376.1
12.5°	32988.2	39299.1	42890.1	44259.2	42890.1	39299.1	32988.2	27236.1	21710.2	16859.0	12436.4
10°	46307.2	61164.0	69734.1	74046.6	69734.1	61164.0	46307.2	36897.6	28064.1	20884.6	15007.6
7.5°	68912.7	91859.2	117283.1	129045.4	117283.1	91859.2	68912.7	47106.5	34746.2	25234.8	17887.5
5°	92676.4	143057.9	187278.1	208453.6	187278.1	143057.9	92676.4	62791.8	41844.6	29101.0	20409.5
2.5°	119989.2	187933.3	250753.1	277167.4	250753.1	187933.3	119989.2	74268.7	47092.6	31402.4	21836.3
0°	130500.9	209645.1	278349.2	304275.5	278349.2	209645.1	130500.9	76738.7	48039.8	32228.3	22097.4
-2.5°	121614.2	191224.9	251832.4	281456.8	251832.4	191224.9	121614.2	73980.1	47520.8	32197.3	22306.0
-5°	96628.7	143846.3	188732.0	212871.8	188732.0	143846.3	96628.7	65111.4	43433.7	30254.8	21138.8
-7.5°	70919.5	96624.3	121552.1	130269.1	121552.1	96624.3	70919.5	50151.7	36725.9	26719.5	19205.1
-10°	49375.6	64095.0	73811.4	76584.1	73811.4	64095.0	49375.6	39434.9	30313.1	22897.6	16652.3
-12.5°	36607.0	43045.3	47524.9	48303.8	47524.9	43045.3	36607.0	30456.7	24153.5	18945.5	14323.1
-15°	27106.6	30380.7	32691.1	32846.6	32691.1	30380.7	27106.6	23384.8	19168.2	15214.0	11506.0
-17.5°	19815.1	22012.7	23178.7	23095.7	23178.7	22012.7	19815.1	17153.1	14654.3	11643.9	8919.0
-20°	14168.9	15493.6	16433.1	16249.4	16433.1	15493.6	14168.9	12396.4	10670.2	8553.5	6755.4



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	9879.6	10759.0	11309.5	11167.8	11309.5	10759.0	9879.6	8662.7	7466.8	6251.8	4936.9
-25°	6713.0	7192.1	7464.8	7419.5	7464.8	7192.1	6713.0	6019.3	5198.6	4459.0	3592.3
-27.5°	4574.6	4827.6	4912.1	4907.7	4912.1	4827.6	4574.6	4152.0	3587.0	3213.8	2758.0
-30°	3175.1	3345.2	3442.5	3381.3	3442.5	3345.2	3175.1	2956.3	2662.1	2422.1	2159.1
-32.5°	2366.5	2462.4	2517.9	2460.3	2517.9	2462.4	2366.5	2245.8	2089.7	1920.9	1738.0
-35°	1865.0	1913.5	1933.1	1900.0	1933.1	1913.5	1865.0	1790.7	1690.1	1576.5	1449.9
-37.5°	1520.5	1548.9	1558.6	1539.3	1558.6	1548.9	1520.5	1476.1	1415.1	1341.3	1257.7
-40°	1288.4	1305.8	1310.1	1294.5	1310.1	1305.8	1288.4	1262.0	1225.0	1179.9	1121.4
-42.5°	1127.3	1137.7	1140.1	1133.5	1140.1	1137.7	1127.3	1110.4	1083.6	1048.7	1009.0
-45°	1007.5	1016.4	1018.0	1011.2	1018.0	1016.4	1007.5	994.2	971.9	941.9	906.6
-47.5°	910.4	916.0	917.4	914.6	917.4	916.0	910.4	901.9	884.8	858.7	827.9
-50°	836.2	840.0	840.3	837.3	840.3	840.0	836.2	830.1	816.7	791.1	761.7
-52.5°	774.0	776.6	778.4	779.3	778.4	776.6	774.0	769.1	759.0	734.8	709.1
-55°	721.6	725.0	727.1	727.8	727.1	725.0	721.6	716.8	710.0	687.1	661.6
-57.5°	677.1	680.2	682.1	682.7	682.1	680.2	677.1	672.7	667.2	645.2	620.6
-60°	630.6	634.4	636.8	637.6	636.8	634.4	630.6	625.5	619.4	600.2	577.3
-62.5°	569.3	571.0	572.5	573.2	572.5	571.0	569.3	566.0	561.0	545.9	525.3
-65°	509.1	512.6	514.6	515.2	514.6	512.6	509.1	504.1	497.5	484.2	465.5
-67.5°	443.9	448.4	453.2	457.3	453.2	448.4	443.9	438.2	431.1	419.8	403.8
-70°	384.9	390.6	392.5	392.9	392.5	390.6	384.9	378.3	370.8	360.8	347.1
-72.5°	327.6	333.0	337.5	341.3	337.5	333.0	327.6	321.5	314.6	306.0	294.2
-75°	270.3	275.3	276.6	276.9	276.6	275.3	270.3	264.7	258.3	250.7	240.3
-77.5°	213.1	217.7	218.7	219.0	218.7	217.7	213.1	208.0	202.6	196.6	188.8
-80°	157.6	160.2	164.0	167.5	164.0	160.2	157.6	154.7	151.6	148.1	142.6
-82.5°	108.5	109.1	109.4	109.5	109.4	109.1	108.5	107.6	106.4	104.7	100.0
-85°	68.5	70.5	70.7	70.8	70.7	70.5	68.5	66.5	64.4	62.2	59.8
-87.5°	31.9	32.1	32.2	32.2	32.2	32.1	31.9	31.7	31.4	31.1	29.2
-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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	1.6	1.2	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.2	1.7
62.5°	6.5	7.1	7.3	6.7	5.0	3.1	3.8	4.5	3.1	0.6	2.2
60°	24.2	15.4	21.9	24.0	21.1	15.2	15.5	14.4	11.9	9.5	6.3
57.5°	79.3	76.7	62.9	54.4	51.8	45.9	37.8	30.1	26.6	21.4	15.1
55°	109.5	105.0	97.5	87.2	75.5	72.1	65.5	56.2	47.2	36.6	29.7
52.5°	134.6	135.8	131.4	119.0	108.5	101.6	92.6	83.8	72.9	62.5	48.8
50°	192.3	185.0	178.0	170.8	154.5	138.4	127.2	115.0	99.3	87.7	76.1
47.5°	245.5	234.6	227.2	217.8	199.0	182.2	164.5	147.3	127.7	109.4	98.0
45°	291.0	275.2	261.0	249.3	233.1	213.8	198.0	178.9	156.6	135.4	115.6
42.5°	337.2	313.2	294.0	282.2	262.6	242.8	225.0	210.3	186.2	161.4	141.3
40°	398.7	350.5	332.6	328.0	309.4	277.9	262.8	246.6	221.0	188.6	168.9
37.5°	500.1	435.6	404.0	387.4	370.6	337.8	308.5	287.3	264.2	227.7	199.6
35°	643.7	568.0	499.0	463.4	443.5	398.9	360.3	331.3	303.6	269.1	232.6
32.5°	769.7	684.4	602.0	539.8	495.0	453.9	410.7	374.8	338.6	303.3	267.3
30°	953.6	811.1	697.5	609.9	552.3	501.2	455.4	412.0	371.1	333.9	297.8
27.5°	1203.4	975.9	821.6	698.2	612.4	551.7	499.6	448.8	402.2	362.2	325.1
25°	1570.8	1207.1	976.5	810.0	685.5	607.6	548.1	489.4	434.9	389.3	357.9
22.5°	2098.6	1601.7	1221.7	930.9	792.0	693.3	605.3	531.6	469.8	429.0	391.9
20°	3007.4	2144.1	1582.3	1208.9	953.4	794.9	674.6	588.0	524.8	472.4	426.2
17.5°	4560.9	3160.0	2048.8	1556.6	1193.0	946.8	773.4	658.4	578.8	516.0	460.8
15°	6464.6	4336.8	2864.1	2005.7	1462.1	1073.3	866.2	728.2	634.2	561.7	495.7
12.5°	8447.0	5456.8	3539.4	2346.7	1654.6	1208.0	963.5	807.8	689.5	594.7	518.7
10°	10169.3	6607.5	4219.9	2749.7	1872.2	1337.4	1040.5	858.0	722.6	618.4	538.3
7.5°	12072.1	7784.5	4846.4	3044.7	2051.9	1441.2	1092.6	891.8	749.9	638.2	554.4
5°	13481.9	8682.9	5376.4	3313.7	2187.0	1520.4	1133.2	915.9	771.2	654.0	567.1
2.5°	14427.8	9308.4	5709.0	3498.8	2270.5	1581.0	1165.9	938.5	787.8	670.0	581.2
0°	14723.0	9370.9	5963.9	3613.1	2325.0	1635.9	1191.5	959.6	798.6	682.7	592.5
-2.5°	14813.2	9478.4	5938.5	3638.2	2343.7	1665.3	1202.4	963.5	807.0	687.5	594.1
-5°	14224.9	9200.7	5805.3	3612.6	2329.6	1664.8	1220.5	970.5	811.8	689.2	592.8
-7.5°	13191.1	8600.4	5456.7	3448.9	2262.2	1638.2	1233.5	979.7	816.2	694.2	597.4
-10°	11619.2	7637.4	4914.9	3174.3	2149.8	1587.3	1221.5	974.7	813.3	693.3	598.4
-12.5°	10037.7	6558.7	4213.1	2789.7	1966.3	1493.2	1175.6	954.8	803.2	686.2	595.6
-15°	8029.5	5489.6	3692.9	2525.9	1800.9	1391.7	1117.5	923.6	786.0	673.5	588.8
-17.5°	6449.3	4453.3	3024.8	2166.4	1641.5	1302.7	1072.2	898.2	765.7	660.5	579.7
-20°	4961.2	3507.5	2561.1	1906.1	1477.5	1193.1	1011.0	860.9	742.3	647.0	571.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	3738.8	2840.7	2125.6	1638.3	1324.7	1108.3	949.6	819.2	714.0	627.8	559.7
-25°	2905.0	2265.7	1777.8	1447.2	1189.9	1014.9	892.6	786.3	691.6	608.7	546.2
-27.5°	2297.4	1839.7	1525.8	1269.3	1080.6	951.5	846.5	752.1	667.4	594.4	532.4
-30°	1860.3	1563.2	1321.3	1129.0	994.5	886.5	802.0	723.0	644.8	575.9	517.6
-32.5°	1524.0	1341.3	1159.5	1021.5	909.9	827.0	758.3	691.7	617.3	556.9	502.1
-35°	1304.8	1172.1	1042.9	932.9	838.7	775.6	714.5	652.1	591.5	535.4	484.4
-37.5°	1152.4	1044.0	946.8	858.1	788.0	728.6	674.9	619.9	564.8	513.4	466.2
-40°	1033.6	941.6	864.8	797.3	741.2	690.4	641.5	590.7	541.8	490.1	446.6
-42.5°	936.5	863.9	797.4	745.6	698.0	654.7	611.7	567.4	519.4	470.4	424.5
-45°	856.5	799.3	743.7	697.8	657.2	620.7	587.7	543.5	496.5	447.6	401.0
-47.5°	789.4	742.1	695.8	653.0	619.4	587.9	556.1	517.0	467.7	421.6	381.9
-50°	729.8	691.8	652.5	613.1	583.6	554.7	521.2	480.4	437.9	400.0	362.5
-52.5°	681.8	647.5	613.2	580.3	551.4	521.1	485.2	449.9	413.6	378.0	343.6
-55°	633.3	605.3	577.9	550.7	523.6	492.3	459.2	424.1	388.5	355.2	320.1
-57.5°	595.1	569.4	544.7	520.1	495.8	464.9	431.1	396.8	360.2	326.5	293.5
-60°	554.6	532.3	507.8	483.9	461.0	433.4	396.9	361.5	327.7	295.8	263.9
-62.5°	504.1	482.3	461.1	438.0	413.8	386.7	353.4	320.9	291.5	263.8	235.1
-65°	446.1	426.1	405.6	382.8	357.5	329.5	301.2	277.3	254.7	231.2	205.9
-67.5°	386.8	368.7	347.6	324.7	302.9	280.4	260.1	239.6	218.5	196.9	174.2
-70°	333.1	318.7	301.5	281.6	260.9	239.8	220.4	201.4	181.8	163.6	146.2
-72.5°	281.7	268.4	252.9	234.8	216.5	198.9	182.5	167.0	151.7	136.6	121.1
-75°	229.5	218.4	206.1	191.4	176.5	161.7	148.2	135.6	122.7	109.5	96.4
-77.5°	180.9	172.8	163.8	152.2	140.6	129.0	117.5	106.2	95.6	85.7	76.5
-80°	136.8	130.7	123.9	114.6	105.3	96.1	87.1	79.4	72.1	65.5	59.0
-82.5°	95.3	90.4	85.4	78.8	72.3	65.8	59.5	54.8	50.2	45.8	41.5
-85°	57.3	54.6	51.9	48.1	44.5	41.2	38.0	35.4	32.7	30.0	27.2
-87.5°	27.2	25.3	23.4	22.9	22.3	21.8	21.1	19.2	17.3	15.4	13.6
-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: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.4	2.7	2.0
67.5°	0.0	0.0	0.0	1.3	2.2	1.8	0.4	1.1	2.6	4.1	3.6
65°	2.2	1.5	0.1	1.7	3.2	4.2	3.1	1.9	2.8	4.3	5.3
62.5°	3.8	4.8	3.6	2.6	3.5	5.0	5.9	4.0	3.3	4.5	6.0
60°	4.2	5.8	6.5	5.1	4.5	5.4	6.4	5.9	4.6	4.8	6.2
57.5°	11.3	7.3	7.3	6.9	5.8	5.9	6.4	6.4	5.7	5.4	6.4
55°	21.0	15.4	10.8	8.7	7.3	6.3	6.6	6.4	6.4	5.9	6.4
52.5°	36.6	26.6	19.5	13.2	9.8	7.3	7.3	6.4	6.4	6.3	6.4
50°	58.3	41.9	30.7	22.1	13.8	10.7	8.3	7.5	6.4	6.4	6.4
47.5°	85.2	62.6	44.8	32.3	22.7	14.6	11.5	8.9	6.4	6.4	6.4
45°	105.1	87.3	62.5	45.2	31.8	21.9	15.5	10.6	8.0	6.6	6.4
42.5°	124.7	108.6	84.9	57.9	43.8	30.3	19.8	14.2	9.8	7.0	6.6
40°	149.8	129.6	106.5	78.9	56.9	38.5	26.8	18.4	11.8	8.2	7.2
37.5°	175.6	153.0	127.8	99.1	71.7	51.0	34.0	22.7	14.9	10.4	7.8
35°	204.6	177.5	148.9	118.5	89.3	63.9	40.9	27.8	19.0	12.8	8.6
32.5°	233.9	201.0	168.6	137.3	105.7	77.1	50.6	34.4	22.9	15.3	9.5
30°	262.3	224.2	186.8	155.3	121.4	91.3	62.8	41.7	26.7	17.9	10.7
27.5°	288.1	247.0	204.3	171.3	137.1	104.5	75.2	49.5	30.3	20.8	12.8
25°	315.2	270.1	224.4	185.5	151.9	117.8	86.5	57.8	35.7	23.8	14.9
22.5°	345.9	293.5	243.7	198.4	167.4	130.8	97.5	67.7	42.2	26.7	17.0
20°	378.8	316.6	263.1	216.6	181.9	144.2	108.3	76.7	48.8	29.5	19.0
17.5°	412.5	342.0	286.6	237.5	196.3	156.7	118.7	85.0	55.4	32.1	21.0
15°	435.4	367.4	307.7	257.0	210.7	168.2	128.4	92.5	61.9	34.5	23.1
12.5°	454.6	389.2	326.3	275.0	224.9	178.8	137.5	99.3	68.3	37.7	25.0
10°	471.6	407.7	342.5	291.6	238.6	188.3	145.9	105.2	74.2	41.9	26.8
7.5°	486.2	422.9	356.5	306.5	251.7	198.0	152.9	110.5	79.3	46.1	28.4
5°	498.4	436.0	368.1	316.2	263.8	208.1	158.8	115.1	83.6	50.3	29.8
2.5°	508.1	447.9	378.1	323.2	274.4	217.3	163.6	119.1	87.2	54.3	31.1
0°	515.2	457.3	386.4	328.5	283.4	225.4	167.5	122.4	90.2	58.0	32.2
-2.5°	519.9	458.8	395.3	334.6	288.8	232.1	175.3	126.6	92.6	61.3	34.1
-5°	521.9	458.7	401.9	339.2	292.7	237.5	181.9	130.0	94.4	64.1	35.9
-7.5°	524.8	460.8	405.5	342.9	295.3	241.7	186.9	132.5	95.8	66.4	37.5
-10°	525.9	463.0	406.4	347.4	297.4	244.7	190.2	134.1	96.9	68.1	38.9
-12.5°	524.4	462.7	406.2	350.0	298.4	246.5	191.9	136.6	97.8	69.2	40.1
-15°	520.3	460.0	405.2	350.2	298.3	247.1	192.4	138.9	99.8	69.4	41.1
-17.5°	513.8	454.7	403.8	348.1	297.1	246.8	191.8	140.0	100.8	68.9	42.0
-20°	507.5	449.8	401.6	343.5	294.8	245.4	190.2	139.7	100.8	67.9	42.9

Classified

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Scaled Data Report



REPORT NUMBER: P627858 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	499.1	445.2	394.5	338.8	291.6	243.1	187.5	138.1	99.6	66.4	43.4
-25°	488.6	438.3	386.4	335.1	287.6	238.6	184.4	135.1	97.3	64.3	43.6
-27.5°	478.0	428.8	377.8	330.1	281.9	233.0	180.2	132.2	94.0	61.8	43.5
-30°	465.7	418.2	370.2	323.2	274.1	225.2	174.3	127.8	90.6	60.4	43.0
-32.5°	452.2	407.6	361.7	312.9	264.3	216.4	166.8	121.8	86.5	59.7	42.5
-35°	438.7	395.7	351.5	300.0	253.7	207.0	159.2	114.0	81.9	58.5	41.9
-37.5°	422.8	380.9	334.9	286.1	242.4	196.8	152.0	109.6	76.8	56.8	41.2
-40°	404.6	362.8	315.9	273.1	230.5	186.0	144.3	105.6	73.5	54.6	40.2
-42.5°	384.3	342.6	300.6	259.7	218.0	176.9	136.3	100.6	72.0	52.9	39.0
-45°	363.4	324.2	286.3	246.0	205.5	167.3	129.6	95.1	69.8	51.4	37.8
-47.5°	343.9	308.7	270.8	231.3	194.6	157.5	121.8	91.4	66.8	49.6	36.5
-50°	327.4	291.7	253.8	216.3	181.7	147.6	113.8	86.7	64.3	47.7	34.9
-52.5°	308.4	272.3	235.2	199.8	168.1	136.4	106.8	81.0	60.7	45.3	33.0
-55°	285.8	250.0	214.5	183.5	153.8	125.8	98.7	75.1	56.2	42.6	30.9
-57.5°	259.3	224.7	195.5	167.3	139.4	113.9	89.6	68.1	52.1	39.5	28.4
-60°	232.2	204.1	177.4	149.9	124.3	101.1	79.4	61.0	47.9	36.1	25.7
-62.5°	208.1	182.4	156.2	131.0	108.5	87.7	68.8	55.5	43.3	32.4	22.7
-65°	181.0	156.7	133.3	112.5	92.6	75.0	61.8	49.5	38.4	28.4	20.0
-67.5°	151.9	132.5	112.7	93.9	79.1	66.2	54.2	43.2	33.1	24.1	18.3
-70°	128.4	110.2	94.0	80.6	68.4	56.9	46.3	36.5	27.5	21.5	16.5
-72.5°	105.9	91.9	79.1	67.7	57.1	47.1	37.9	29.9	24.0	18.8	14.6
-75°	84.4	74.2	64.2	54.3	45.4	37.2	31.1	25.2	20.2	16.0	12.8
-77.5°	67.6	58.6	49.4	42.4	36.8	31.2	25.6	20.2	16.8	13.9	11.0
-80°	52.0	45.7	40.2	35.4	30.3	25.2	20.8	17.1	14.4	11.8	9.1
-82.5°	37.4	34.1	31.1	28.3	24.3	20.7	17.4	14.5	12.1	9.7	7.1
-85°	25.5	23.9	22.4	21.1	18.5	16.0	13.3	10.8	8.6	6.6	4.8
-87.5°	13.0	12.4	11.7	11.1	9.5	8.0	6.7	5.4	4.3	3.3	2.4
-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-SA6C-727-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	0.3	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	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.7	1.4	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	1.9	0.7	0.4	1.3	0.0
65°	3.7	2.7	2.6	1.4	0.5	1.5	0.0
62.5°	5.0	3.6	3.3	2.0	0.7	1.6	0.0
60°	6.3	4.5	4.0	2.7	0.9	1.8	0.0
57.5°	6.4	5.2	4.5	3.4	1.4	2.0	0.0
55°	6.4	5.9	4.9	4.1	1.9	2.2	0.0
52.5°	6.4	6.4	5.3	4.8	2.4	2.3	0.0
50°	6.4	6.4	5.6	5.5	2.9	2.5	0.0
47.5°	6.4	6.4	5.9	6.1	3.3	2.7	0.0
45°	6.4	6.4	6.2	6.2	3.7	2.9	0.0
42.5°	6.4	6.4	6.3	6.4	4.1	3.1	0.0
40°	6.4	6.4	6.4	6.4	4.5	3.3	0.0
37.5°	6.4	6.4	6.4	6.4	4.8	3.5	0.0
35°	6.4	6.4	6.4	6.4	5.1	3.7	0.0
32.5°	6.6	6.4	6.4	6.4	5.3	3.9	0.0
30°	7.3	6.4	6.4	6.4	5.5	4.2	0.0
27.5°	8.0	6.4	6.4	6.4	5.7	4.4	0.0
25°	8.8	6.4	6.4	6.4	5.9	4.6	0.0
22.5°	9.6	6.5	6.4	6.4	6.0	4.8	0.0
20°	10.4	7.0	6.4	6.4	6.1	5.0	0.0
17.5°	11.6	7.6	6.4	6.4	6.2	5.2	0.0
15°	12.9	8.2	6.4	6.4	6.3	5.4	0.0
12.5°	14.1	9.0	6.4	6.4	6.3	5.6	0.0
10°	15.3	9.8	6.4	6.4	6.4	5.8	0.0
7.5°	16.4	10.6	6.4	6.4	6.4	5.9	0.0
5°	17.4	11.4	6.4	6.4	6.4	6.1	0.0
2.5°	18.4	12.2	6.4	6.4	6.4	6.3	0.0
0°	19.3	12.9	6.4	6.4	6.4	6.4	0.0
-2.5°	21.0	13.6	7.0	6.4	6.4	6.4	0.0
-5°	22.6	14.2	7.5	6.4	6.4	6.4	0.0
-7.5°	24.0	14.7	8.1	6.4	6.4	6.3	0.0
-10°	25.3	15.2	8.5	6.4	6.4	6.3	0.0
-12.5°	26.3	15.6	9.0	6.4	6.4	6.2	0.0
-15°	27.1	16.0	9.3	6.4	6.4	6.2	0.0
-17.5°	27.7	16.3	9.6	6.4	6.4	6.1	0.0
-20°	28.0	16.5	9.8	6.4	6.4	6.0	0.0

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CATALOG NUMBER: GFLD-SA6C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.4	16.6	9.9	6.4	6.4	5.9	0.0
-25°	28.6	17.1	9.8	6.4	6.4	5.8	0.0
-27.5°	28.6	17.5	9.7	6.4	6.4	5.7	0.0
-30°	28.4	17.8	9.4	6.4	6.4	5.5	0.0
-32.5°	28.1	17.9	9.4	6.4	6.4	5.4	0.0
-35°	28.0	17.9	9.3	6.4	6.4	5.2	0.0
-37.5°	27.9	17.7	9.1	6.4	6.4	5.1	0.0
-40°	27.6	17.4	8.7	6.4	6.4	4.9	0.0
-42.5°	27.0	16.8	8.6	6.5	6.4	4.7	0.0
-45°	26.2	16.1	8.9	6.6	6.4	4.5	0.0
-47.5°	25.1	15.3	9.0	6.8	6.4	4.3	0.0
-50°	23.8	14.3	9.1	6.9	6.4	4.1	0.0
-52.5°	22.3	13.1	9.1	6.9	6.4	3.9	0.0
-55°	20.6	12.7	9.1	6.9	6.4	3.7	0.0
-57.5°	18.6	12.4	9.0	6.9	6.4	3.4	0.0
-60°	16.7	12.0	8.8	6.9	6.4	3.2	0.0
-62.5°	15.8	11.5	8.5	6.8	5.9	3.0	0.0
-65°	14.9	10.9	8.2	6.7	5.4	2.7	0.0
-67.5°	13.7	10.2	7.8	6.6	4.9	2.4	0.0
-70°	12.5	9.5	7.4	6.4	4.4	2.2	0.0
-72.5°	11.2	8.6	7.0	5.8	3.8	1.9	0.0
-75°	9.7	7.7	6.5	5.0	3.3	1.7	0.0
-77.5°	8.2	6.7	5.5	4.1	2.8	1.4	0.0
-80°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
-85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)