

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: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627878 (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-735-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	35401.1 lumens	Max Intensity:	358848 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

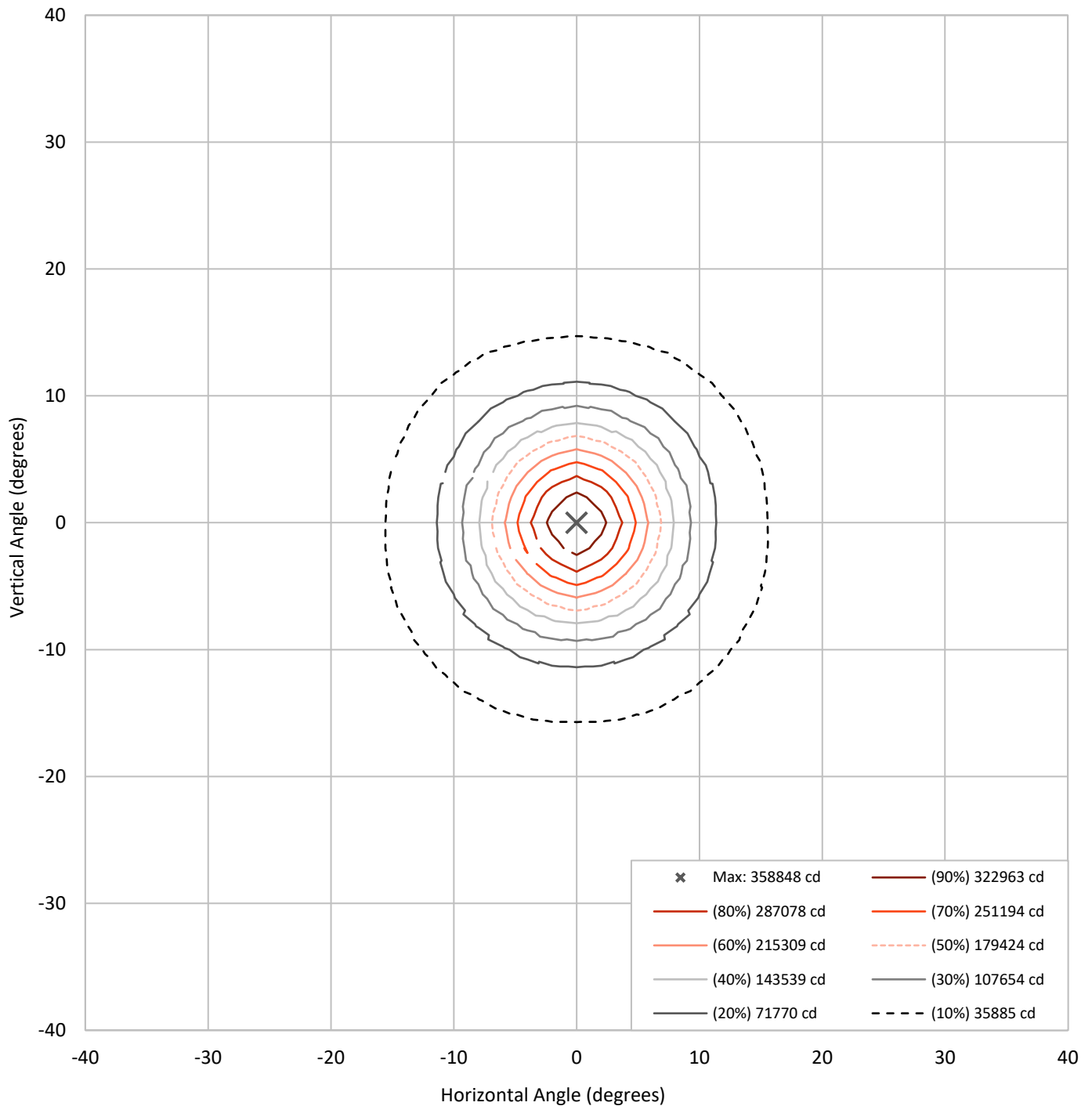
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	11301.6 lumens	Field Lumens:	25172.4 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

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



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CATALOG NUMBER: GFLD-SA6C-735-U-NR-VSR-XX

Iso-Candela Plot





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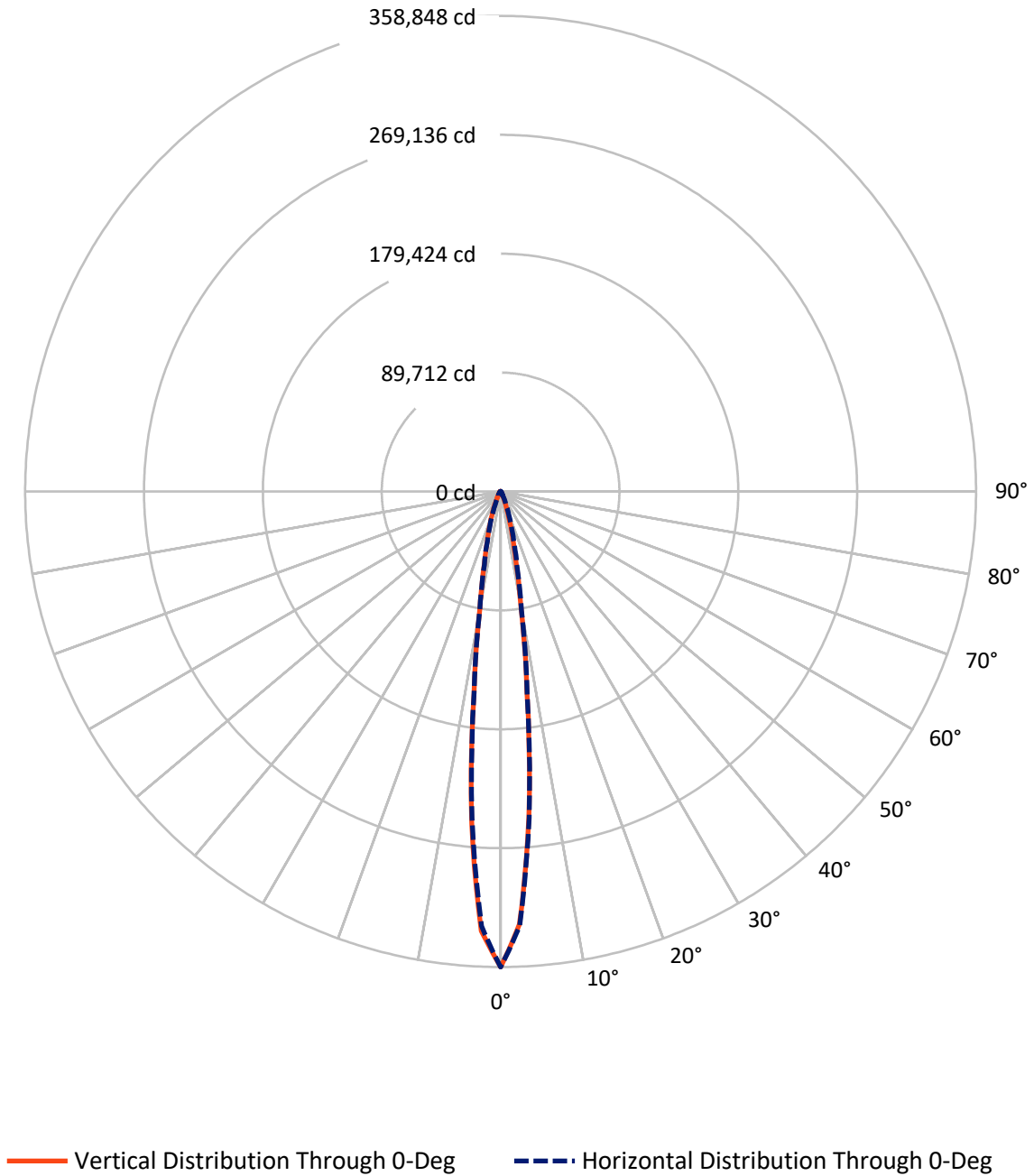
CATALOG NUMBER: GFLD-SA6C-735-U-NR-VSR-XX

Lumen Table

90																			
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				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0				
50		0.1	0.2	0.9	2.0	3.1	4.2	5.0	5.0	4.2	3.1	2.0	0.9	0.2	0.1				
40	0.2	0.2	1.1	3.1	5.8	8.5	11.9	14.1	14.1	11.9	8.5	5.8	3.1	1.1	0.2				
30		0.5	2.5	6.0	10.7	16.9	28.8	36.7	36.7	28.8	16.9	10.7	6.0	2.5	0.5				
20	0.3	1.0	3.9	9.1	16.6	36.0	96.1	159.3	159.3	96.1	36.0	16.6	9.1	3.9	1.0				
10		1.5	5.4	12.6	27.4	107.6	453.8	997.5	997.5	453.8	107.6	27.4	12.6	5.4	1.5				
0	0.5	1.9	6.6	14.8	37.2	202.1	1087.4	4876.7	4876.7	1087.4	202.1	37.2	14.8	6.6	1.9				
-10		2.2	7.2	15.6	39.9	215.3	1125.5	4959.5	4959.5	1125.5	215.3	39.9	15.6	7.2	2.2				
-20	0.7	2.3	7.3	15.3	35.1	137.0	546.4	1168.6	1168.6	546.4	137.0	35.1	15.3	7.3	2.3				
-30		2.2	7.0	14.1	27.1	64.0	168.3	280.6	280.6	168.3	64.0	27.1	14.1	7.0	2.2				
-40	0.6	1.9	6.3	12.4	21.2	35.2	57.2	72.7	72.7	57.2	35.2	21.2	12.4	6.3	1.9				
-50		1.6	5.1	10.4	17.1	24.6	33.0	36.8	36.8	33.0	24.6	17.1	10.4	5.1	1.6				
-60	0.4	1.2	3.9	8.1	13.5	18.9	23.8	26.0	26.0	23.8	18.9	13.5	8.1	3.9	1.2				
-70		0.8	2.4	5.2	9.0	13.1	16.6	18.2	18.2	16.6	13.1	9.0	5.2	2.4	0.8				
-80	0.2	2.1	8.9	19.6	24.8	19.6	8.9	2.1	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

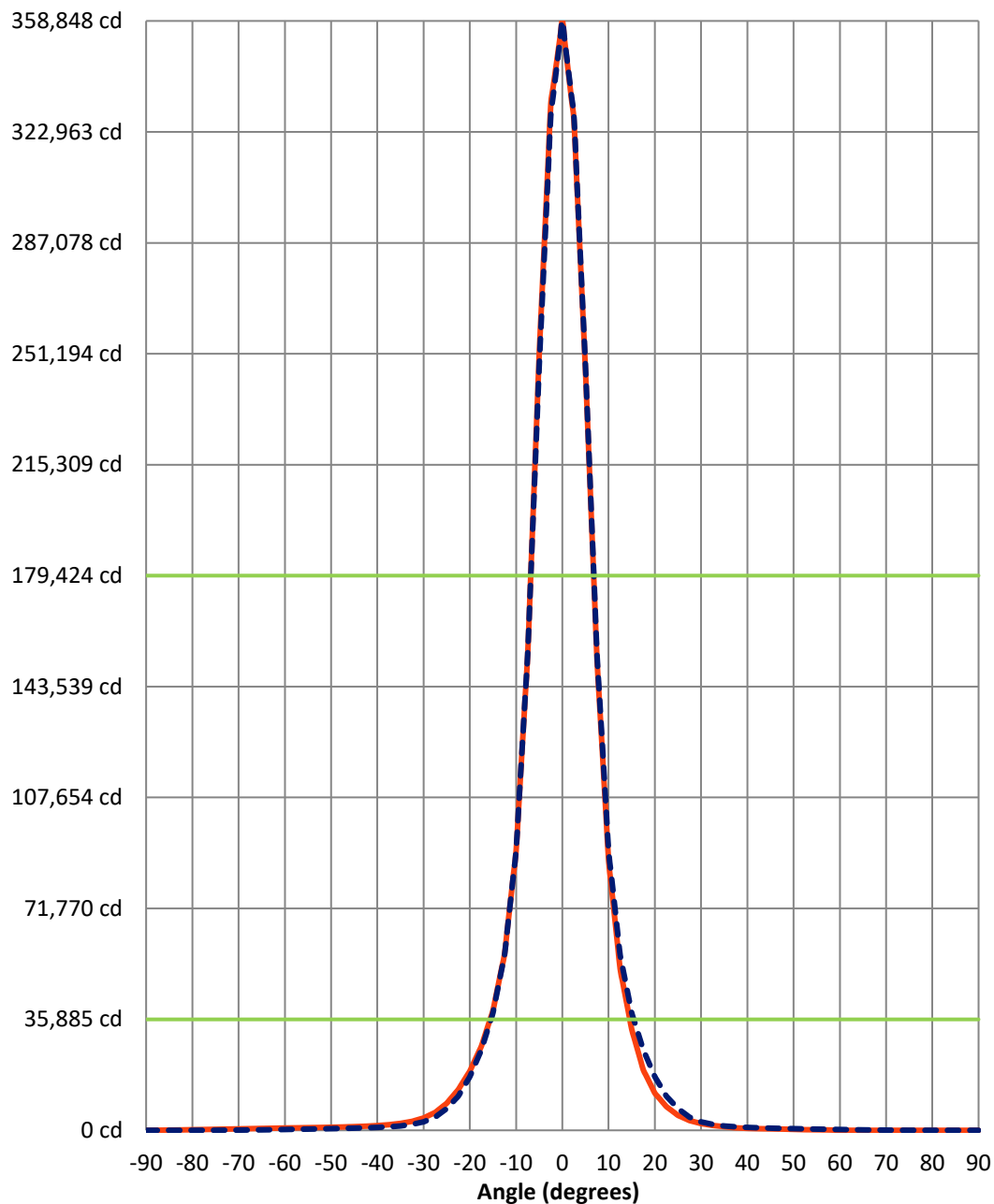
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 11301.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 25172.4
 Efficiency: 71.1%

Spill:
 Lumens: 10228.7
 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	0.2	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	0.5	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	0.8	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.2	0.2	0.0	0.8	1.1	0.4	0.5	1.6	1.7	0.7
70°	0.0	1.4	0.3	0.1	1.5	1.7	0.9	2.3	3.2	2.8	1.0
67.5°	0.0	1.6	0.4	0.9	2.3	2.3	2.7	4.3	4.9	3.1	1.3
65°	0.0	1.8	0.6	1.6	3.1	3.2	4.4	6.3	5.1	3.4	2.3
62.5°	0.0	2.0	0.8	2.4	3.9	4.3	6.0	7.1	5.4	3.9	4.8
60°	0.0	2.2	1.0	3.2	4.8	5.3	7.4	7.4	5.7	5.5	7.0
57.5°	0.0	2.4	1.7	4.0	5.3	6.2	7.6	7.6	6.4	6.8	7.6
55°	0.0	2.6	2.3	4.8	5.9	7.0	7.6	7.6	7.0	7.6	7.6
52.5°	0.0	2.8	2.9	5.7	6.3	7.6	7.6	7.6	7.4	7.6	7.6
50°	0.0	3.0	3.4	6.5	6.7	7.6	7.6	7.6	7.6	7.6	8.8
47.5°	0.0	3.2	4.0	7.2	7.0	7.6	7.6	7.6	7.6	7.6	10.5
45°	0.0	3.5	4.4	7.4	7.3	7.6	7.6	7.6	7.9	9.4	12.5
42.5°	0.0	3.7	4.9	7.6	7.5	7.6	7.6	7.9	8.4	11.6	16.8
40°	0.0	3.9	5.3	7.6	7.6	7.6	7.6	8.5	9.7	13.9	21.7
37.5°	0.0	4.2	5.7	7.6	7.6	7.6	7.6	9.2	12.3	17.5	26.7
35°	0.0	4.4	6.0	7.6	7.6	7.6	7.6	10.1	15.1	22.4	32.8
32.5°	0.0	4.7	6.3	7.6	7.6	7.6	7.8	11.2	18.1	27.0	40.6
30°	0.0	4.9	6.6	7.6	7.6	7.6	8.6	12.7	21.1	31.5	49.2
27.5°	0.0	5.2	6.8	7.6	7.6	7.6	9.5	15.1	24.5	35.8	58.3
25°	0.0	5.4	7.0	7.6	7.6	7.6	10.4	17.5	28.1	42.1	68.2
22.5°	0.0	5.7	7.2	7.6	7.6	7.7	11.3	20.0	31.5	49.8	79.8
20°	0.0	5.9	7.3	7.6	7.6	8.3	12.3	22.4	34.8	57.5	90.5
17.5°	0.0	6.2	7.4	7.6	7.6	9.0	13.6	24.8	37.9	65.3	100.2
15°	0.0	6.4	7.5	7.6	7.6	9.8	15.2	27.2	40.7	73.0	109.1
12.5°	0.0	6.6	7.5	7.6	7.6	10.6	16.6	29.5	44.6	80.5	117.0
10°	0.0	6.8	7.6	7.6	7.6	11.5	18.0	31.6	49.5	87.4	124.1
7.5°	0.0	7.0	7.6	7.6	7.6	12.5	19.4	33.5	54.4	93.4	130.2
5°	0.0	7.2	7.6	7.6	7.6	13.4	20.6	35.2	59.3	98.5	135.7
2.5°	0.0	7.4	7.6	7.6	7.6	14.3	21.7	36.7	64.0	102.8	140.4
0°	0.0	7.6	7.6	7.6	7.6	15.2	22.8	38.0	68.4	106.3	144.3
-2.5°	0.0	7.6	7.6	7.6	8.3	16.0	24.8	40.3	72.3	109.1	149.2
-5°	0.0	7.6	7.6	7.6	8.9	16.7	26.6	42.4	75.6	111.3	153.2
-7.5°	0.0	7.5	7.6	7.6	9.5	17.4	28.3	44.2	78.3	113.0	156.2
-10°	0.0	7.5	7.6	7.6	10.1	18.0	29.8	45.9	80.3	114.2	158.1
-12.5°	0.0	7.4	7.6	7.6	10.6	18.5	31.1	47.3	81.5	115.4	161.1
-15°	0.0	7.3	7.6	7.6	11.0	18.9	32.0	48.4	81.8	117.7	163.8
-17.5°	0.0	7.2	7.6	7.6	11.4	19.2	32.7	49.6	81.2	118.9	165.1
-20°	0.0	7.1	7.6	7.6	11.6	19.5	33.1	50.6	80.1	118.8	164.8

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CATALOG NUMBER: GFLD-SA6C-735-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	7.0	7.6	7.6	11.7	19.6	33.5	51.2	78.3	117.5	162.9
-25°	0.0	6.9	7.6	7.6	11.6	20.1	33.7	51.5	75.9	114.7	159.3
-27.5°	0.0	6.7	7.6	7.6	11.5	20.6	33.7	51.3	72.8	110.9	155.9
-30°	0.0	6.6	7.6	7.6	11.2	21.0	33.5	50.7	71.3	106.8	150.7
-32.5°	0.0	6.4	7.6	7.6	11.1	21.1	33.2	50.2	70.4	102.0	143.6
-35°	0.0	6.2	7.6	7.6	11.0	21.1	33.1	49.5	69.0	96.6	134.4
-37.5°	0.0	6.0	7.6	7.6	10.7	20.9	32.9	48.5	67.0	90.5	129.2
-40°	0.0	5.8	7.6	7.6	10.3	20.5	32.5	47.4	64.4	86.7	124.5
-42.5°	0.0	5.6	7.6	7.7	10.2	19.9	31.8	46.0	62.4	84.9	118.6
-45°	0.0	5.4	7.6	7.9	10.5	19.1	30.9	44.6	60.6	82.4	112.1
-47.5°	0.0	5.1	7.6	8.0	10.7	18.1	29.6	43.1	58.5	78.8	107.8
-50°	0.0	4.9	7.6	8.1	10.8	16.9	28.1	41.2	56.3	75.8	102.2
-52.5°	0.0	4.6	7.6	8.2	10.8	15.5	26.3	39.0	53.5	71.6	95.6
-55°	0.0	4.4	7.6	8.2	10.7	15.1	24.3	36.4	50.3	66.3	88.6
-57.5°	0.0	4.1	7.6	8.2	10.6	14.7	22.0	33.5	46.7	61.5	80.3
-60°	0.0	3.8	7.6	8.2	10.4	14.2	19.7	30.3	42.6	56.5	72.0
-62.5°	0.0	3.5	7.0	8.1	10.1	13.6	18.7	26.8	38.2	51.2	65.5
-65°	0.0	3.2	6.4	8.0	9.7	12.9	17.5	23.6	33.5	45.3	58.5
-67.5°	0.0	2.9	5.8	7.8	9.3	12.1	16.2	21.6	28.4	39.1	51.0
-70°	0.0	2.6	5.2	7.6	8.8	11.2	14.8	19.5	25.4	32.5	43.0
-72.5°	0.0	2.3	4.6	6.8	8.3	10.2	13.2	17.2	22.2	28.3	35.3
-75°	0.0	2.0	3.9	5.9	7.7	9.1	11.5	15.0	18.9	23.9	29.7
-77.5°	0.0	1.6	3.3	4.9	6.5	8.0	9.7	12.9	16.4	19.8	23.9
-80°	0.0	1.3	2.6	3.9	5.3	6.5	7.8	10.8	13.9	17.0	20.1
-82.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	8.5	11.5	14.3	17.1
-85°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	5.7	7.8	10.1	12.8
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.9	3.9	5.1	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.2	2.6	1.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.7	4.9	3.8	2.0	0.1	1.8	2.6	2.0	0.2	0.0	0.0
62.5°	7.0	6.0	4.2	3.1	4.3	5.7	4.5	2.6	0.7	3.7	5.3
60°	7.6	6.4	5.3	6.0	7.7	6.8	5.0	7.4	11.1	14.0	17.0
57.5°	7.6	7.0	6.9	8.2	8.6	8.6	13.4	17.9	25.2	31.4	35.5
55°	7.8	7.5	8.6	10.3	12.8	18.2	24.8	35.0	43.2	55.7	66.3
52.5°	8.6	8.6	11.6	15.6	23.0	31.4	43.2	57.5	73.8	86.0	98.8
50°	9.8	12.7	16.2	26.1	36.2	49.4	68.7	89.7	103.4	117.1	135.6
47.5°	13.5	17.2	26.7	38.1	52.9	73.8	100.5	115.5	129.1	150.6	173.7
45°	18.2	25.9	37.6	53.3	73.7	103.0	124.0	136.3	159.7	184.7	211.0
42.5°	23.3	35.7	51.6	68.3	100.2	128.1	147.1	166.7	190.3	219.5	248.0
40°	31.6	45.4	67.1	93.1	125.6	152.9	176.7	199.2	222.4	260.6	290.9
37.5°	40.1	60.1	84.6	116.9	150.7	180.5	207.2	235.4	268.6	311.6	338.9
35°	48.2	75.3	105.3	139.8	175.7	209.4	241.3	274.3	317.3	358.1	390.6
32.5°	59.7	90.9	124.7	161.9	198.9	237.1	275.8	315.3	357.7	399.4	442.0
30°	74.1	107.6	143.1	183.1	220.3	264.4	309.3	351.1	393.8	437.6	485.9
27.5°	88.6	123.2	161.6	202.0	241.0	291.2	339.8	383.4	427.1	474.3	529.4
25°	102.0	138.9	179.1	218.8	264.6	318.5	371.7	422.1	459.1	512.9	577.2
22.5°	114.9	154.2	197.4	234.0	287.4	346.1	407.9	462.1	506.0	554.1	627.0
20°	127.7	170.0	214.5	255.5	310.3	373.4	446.7	502.6	557.1	619.0	693.5
17.5°	139.9	184.7	231.5	280.1	338.0	403.3	486.5	543.5	608.5	682.6	776.5
15°	151.4	198.4	248.5	303.1	362.9	433.2	513.5	584.6	662.4	748.0	858.9
12.5°	162.2	210.8	265.2	324.3	384.8	459.0	536.1	611.8	701.3	813.2	952.7
10°	172.1	222.1	281.4	343.8	404.0	480.8	556.1	634.8	729.2	852.2	1012.0
7.5°	180.3	233.4	296.8	361.5	420.4	498.7	573.4	653.8	752.6	884.4	1051.7
5°	187.2	245.3	311.1	372.9	434.1	514.1	587.8	668.8	771.2	909.6	1080.2
2.5°	192.9	256.3	323.6	381.2	445.9	528.2	599.3	685.5	790.1	929.2	1106.9
0°	197.5	265.8	334.2	387.4	455.7	539.3	607.7	698.8	805.1	941.9	1131.7
-2.5°	206.7	273.7	340.5	394.6	466.2	541.1	613.2	700.7	810.8	951.7	1136.3
-5°	214.5	280.1	345.2	400.1	474.0	540.9	615.5	699.1	812.7	957.3	1144.6
-7.5°	220.4	285.0	348.2	404.4	478.2	543.4	618.9	704.5	818.7	962.5	1155.4
-10°	224.3	288.5	350.8	409.8	479.3	546.0	620.2	705.7	817.7	959.2	1149.5
-12.5°	226.3	290.6	352.0	412.7	479.0	545.8	618.5	702.4	809.3	947.2	1126.0
-15°	226.9	291.4	351.8	413.0	477.9	542.5	613.6	694.5	794.3	926.9	1089.2
-17.5°	226.2	291.0	350.4	410.5	476.2	536.3	606.0	683.7	779.0	903.0	1059.2
-20°	224.3	289.4	347.7	405.1	473.6	530.5	598.5	673.5	763.1	875.5	1015.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	221.1	286.7	343.9	399.6	465.2	525.1	588.6	660.1	740.5	842.0	966.1
-25°	217.5	281.3	339.2	395.3	455.6	516.9	576.2	644.2	718.0	815.6	927.3
-27.5°	212.6	274.8	332.5	389.3	445.5	505.7	563.7	627.9	701.0	787.1	887.0
-30°	205.6	265.6	323.3	381.2	436.6	493.2	549.2	610.5	679.2	760.5	852.6
-32.5°	196.7	255.3	311.7	369.0	426.6	480.6	533.3	592.2	656.8	728.0	815.7
-35°	187.7	244.1	299.2	353.8	414.5	466.6	517.4	571.3	631.4	697.7	769.1
-37.5°	179.3	232.2	285.9	337.4	394.9	449.2	498.6	549.9	605.4	666.1	731.1
-40°	170.2	219.4	271.9	322.0	372.5	427.9	477.2	526.7	578.0	638.9	696.7
-42.5°	160.8	208.6	257.2	306.3	354.5	404.0	453.2	500.7	554.9	612.6	669.2
-45°	152.9	197.3	242.4	290.2	337.7	382.4	428.6	472.9	527.9	585.6	641.0
-47.5°	143.6	185.8	229.5	272.8	319.4	364.1	405.6	450.4	497.3	551.6	609.7
-50°	134.1	174.0	214.3	255.2	299.3	344.0	386.1	427.6	471.7	516.4	566.6
-52.5°	126.0	160.8	198.2	235.7	277.4	321.2	363.7	405.2	445.8	487.8	530.6
-55°	116.4	148.3	181.3	216.4	253.0	294.9	337.0	377.5	419.0	458.2	500.2
-57.5°	105.7	134.4	164.4	197.3	230.6	265.0	305.9	346.1	385.1	424.8	468.0
-60°	93.7	119.3	146.5	176.8	209.3	240.8	273.9	311.2	348.9	386.5	426.4
-62.5°	81.2	103.4	128.0	154.4	184.2	215.2	245.4	277.3	311.1	343.8	378.4
-65°	72.9	88.6	109.2	132.7	157.1	184.8	213.5	242.8	272.6	300.4	327.1
-67.5°	64.0	78.2	93.4	110.7	132.9	156.2	179.1	205.4	232.2	257.7	282.6
-70°	54.6	67.2	80.7	95.1	110.8	129.9	151.4	172.4	193.0	214.4	237.5
-72.5°	44.7	55.6	67.4	79.9	93.4	108.4	124.9	142.9	161.1	178.8	196.9
-75°	36.7	43.9	53.5	64.1	75.7	87.6	99.5	113.7	129.1	144.7	159.9
-77.5°	30.2	36.9	43.5	50.0	58.3	69.1	79.8	90.2	101.0	112.7	125.2
-80°	24.6	29.7	35.7	41.7	47.4	53.9	61.4	69.7	77.3	85.0	93.6
-82.5°	20.5	24.4	28.7	33.4	36.7	40.2	44.1	49.0	54.0	59.3	64.7
-85°	15.7	18.9	21.8	24.9	26.5	28.2	30.1	32.2	35.4	38.6	41.8
-87.5°	7.9	9.5	11.2	13.1	13.9	14.7	15.4	16.1	18.2	20.4	22.6
-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: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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	1.4	1.9	1.6	0.7	0.0	0.0
62.5°	4.4	3.7	5.9	7.9	8.7	8.4	7.7	6.9	5.9	5.5	6.2
60°	18.2	17.9	24.9	28.3	25.8	18.2	28.6	33.7	32.5	27.8	27.7
57.5°	44.6	54.2	61.1	64.1	74.2	90.5	93.6	88.2	86.3	88.0	101.7
55°	77.3	85.0	89.0	102.8	115.0	123.8	129.1	134.4	142.1	151.7	161.5
52.5°	109.2	119.8	128.0	140.3	155.0	160.1	158.7	177.5	192.2	201.6	205.4
50°	150.0	163.3	182.2	201.5	209.9	218.1	226.8	242.2	264.7	292.7	308.7
47.5°	194.0	214.9	234.7	256.8	267.9	276.6	289.5	316.4	348.4	378.6	394.3
45°	233.6	252.2	274.8	293.9	307.7	324.5	343.2	367.5	403.3	434.8	456.5
42.5°	265.3	286.3	309.7	332.8	346.7	369.4	397.7	430.7	468.3	501.0	525.2
40°	309.9	327.7	364.9	386.8	392.3	413.4	470.2	515.4	557.8	598.1	618.2
37.5°	363.8	398.4	437.0	456.9	476.5	513.8	589.8	662.8	716.8	771.4	801.2
35°	424.9	470.5	523.0	546.6	588.5	669.9	759.2	860.6	986.9	1039.8	1088.0
32.5°	484.4	535.3	583.8	636.6	710.0	807.2	907.8	1072.3	1226.0	1344.9	1431.8
30°	537.1	591.1	651.3	719.2	822.6	956.5	1124.7	1337.5	1554.1	1743.0	1902.9
27.5°	589.2	650.6	722.3	823.5	969.0	1151.0	1419.3	1723.0	2084.4	2350.7	2668.7
25°	646.3	716.6	808.5	955.3	1151.7	1423.6	1852.6	2345.7	2938.4	3419.0	3922.0
22.5°	714.0	817.7	934.1	1097.8	1440.8	1889.0	2475.0	3317.8	4229.6	5072.7	5884.5
20°	795.7	937.4	1124.4	1425.7	1866.0	2528.6	3546.9	4891.9	6232.8	7660.9	9035.7
17.5°	912.2	1116.5	1407.0	1835.8	2416.2	3726.8	5378.9	7459.3	10132.0	12554.1	14668.9
15°	1021.5	1265.7	1724.3	2365.4	3377.7	5114.6	7624.0	11057.7	15223.2	19019.4	23028.9
12.5°	1136.3	1424.6	1951.3	2767.5	4174.2	6435.5	9962.0	14666.9	19882.6	25604.0	32120.9
10°	1227.2	1577.3	2207.9	3242.8	4976.8	7792.6	11993.2	17699.2	24630.2	33097.4	43515.2
7.5°	1288.6	1699.6	2419.8	3590.7	5715.7	9180.6	14237.3	21095.7	29760.7	40978.0	55555.2
5°	1336.5	1793.0	2579.2	3907.9	6340.7	10240.1	15899.9	24069.9	34320.3	49349.5	74053.6
2.5°	1375.0	1864.6	2677.8	4126.4	6733.0	10977.9	17015.4	25752.7	37034.4	55538.8	87589.1
0°	1405.2	1929.3	2742.0	4261.1	7033.6	11051.6	17363.6	26060.6	38008.5	56655.8	90501.9
-2.5°	1418.0	1963.9	2764.1	4290.7	7003.5	11178.4	17469.9	26306.5	37971.9	56043.7	87248.6
-5°	1439.4	1963.4	2747.5	4260.5	6846.5	10850.9	16776.1	24930.2	35681.1	51223.6	76789.2
-7.5°	1454.7	1932.1	2667.9	4067.5	6435.5	10142.9	15557.0	22649.6	31511.7	43312.8	59146.4
-10°	1440.7	1872.0	2535.3	3743.7	5796.4	9007.3	13703.1	19639.0	27004.4	35749.9	46507.6
-12.5°	1386.5	1761.0	2318.9	3290.1	4968.8	7735.1	11838.0	16892.0	22343.4	28485.4	35919.1
-15°	1317.9	1641.4	2124.0	2978.9	4355.3	6474.2	9469.6	13569.6	17942.7	22606.0	27578.9
-17.5°	1264.5	1536.4	1936.0	2554.9	3567.3	5252.1	7606.0	10518.6	13732.2	17282.7	20229.5
-20°	1192.2	1407.1	1742.5	2247.9	3020.4	4136.6	5851.0	7967.0	10087.6	12583.9	14619.7



REPORT NUMBER: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	1119.9	1307.0	1562.3	1932.1	2506.9	3350.2	4409.4	5822.3	7373.1	8805.9	10216.3
-25°	1052.7	1196.9	1403.3	1706.8	2096.6	2672.1	3426.1	4236.6	5258.8	6131.0	7098.9
-27.5°	998.4	1122.1	1274.5	1497.0	1799.5	2169.6	2709.5	3252.6	3790.2	4230.3	4896.7
-30°	945.8	1045.5	1172.9	1331.5	1558.3	1843.6	2194.0	2546.3	2856.6	3139.6	3486.6
-32.5°	894.3	975.4	1073.1	1204.7	1367.5	1581.9	1797.3	2049.8	2265.4	2464.4	2648.6
-35°	842.6	914.7	989.1	1100.2	1230.0	1382.3	1538.9	1710.0	1859.2	1993.3	2111.8
-37.5°	795.9	859.3	929.3	1012.0	1116.6	1231.2	1359.1	1483.3	1581.9	1669.0	1740.9
-40°	756.6	814.2	874.1	940.3	1019.9	1110.4	1219.0	1322.5	1391.6	1444.7	1488.3
-42.5°	721.4	772.1	823.2	879.3	940.4	1018.8	1104.5	1190.0	1236.9	1278.0	1309.5
-45°	693.2	732.1	775.0	823.0	877.1	942.7	1010.1	1069.3	1110.9	1146.3	1172.6
-47.5°	655.8	693.3	730.5	770.1	820.6	875.2	930.9	976.4	1012.8	1043.6	1063.7
-50°	614.7	654.2	688.3	723.1	769.5	815.8	860.7	898.3	933.0	963.2	979.0
-52.5°	572.2	614.6	650.3	684.3	723.2	763.6	804.1	836.2	866.6	895.1	907.1
-55°	541.6	580.6	617.5	649.5	681.6	714.0	747.0	780.3	810.3	837.3	845.4
-57.5°	508.5	548.2	584.8	613.4	642.4	671.6	701.8	732.0	760.9	786.8	793.4
-60°	468.0	511.2	543.6	570.7	598.9	627.7	654.0	680.8	707.8	730.5	737.8
-62.5°	416.7	456.0	488.0	516.6	543.8	568.9	594.5	619.5	643.8	661.7	667.5
-65°	355.2	388.6	421.6	451.5	478.3	502.5	526.1	549.0	571.1	586.8	594.6
-67.5°	306.7	330.7	357.3	383.0	410.0	434.8	456.1	476.2	495.1	508.4	516.8
-70°	259.9	282.8	307.6	332.1	355.6	375.8	392.8	409.4	425.5	437.2	446.1
-72.5°	215.2	234.5	255.3	276.8	298.2	316.5	332.2	347.0	360.9	371.0	379.2
-75°	174.7	190.7	208.2	225.7	243.0	257.5	270.6	283.3	295.7	304.6	312.1
-77.5°	138.6	152.1	165.8	179.5	193.2	203.8	213.3	222.7	231.8	238.9	245.4
-80°	102.7	113.3	124.2	135.1	146.1	154.1	161.3	168.2	174.6	178.8	182.5
-82.5°	70.2	77.6	85.2	92.9	100.7	106.6	112.3	118.0	123.5	125.4	126.8
-85°	44.9	48.5	52.5	56.7	61.2	64.4	67.6	70.5	73.4	76.0	78.5
-87.5°	24.9	25.6	26.3	27.0	27.6	29.8	32.1	34.4	36.7	37.1	37.4
-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: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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	0.7	1.6
62.5°	6.8	7.3	7.5	7.6	7.5	7.3	6.8	6.2	5.5	5.9	6.9
60°	26.0	23.1	22.6	22.8	22.6	23.1	26.0	27.7	27.8	32.5	33.7
57.5°	115.5	128.5	132.1	129.1	132.1	128.5	115.5	101.7	88.0	86.3	88.2
55°	168.2	172.2	174.1	174.7	174.1	172.2	168.2	161.5	151.7	142.1	134.4
52.5°	206.3	204.9	204.6	205.1	204.6	204.9	206.3	205.4	201.6	192.2	177.5
50°	309.9	304.2	302.0	303.8	302.0	304.2	309.9	308.7	292.7	264.7	242.2
47.5°	396.2	397.9	400.6	402.6	400.6	397.9	396.2	394.3	378.6	348.4	316.4
45°	462.6	466.7	469.4	470.9	469.4	466.7	462.6	456.5	434.8	403.3	367.5
42.5°	530.5	531.0	530.3	531.7	530.3	531.0	530.5	525.2	501.0	468.3	430.7
40°	626.3	628.3	626.2	622.8	626.2	628.3	626.3	618.2	598.1	557.8	515.4
37.5°	818.5	821.3	812.2	805.1	812.2	821.3	818.5	801.2	771.4	716.8	662.8
35°	1132.0	1164.5	1179.9	1184.9	1179.9	1164.5	1132.0	1088.0	1039.8	986.9	860.6
32.5°	1492.0	1537.1	1559.8	1579.9	1559.8	1537.1	1492.0	1431.8	1344.9	1226.0	1072.3
30°	2007.8	2091.1	2127.9	2179.9	2127.9	2091.1	2007.8	1902.9	1743.0	1554.1	1337.5
27.5°	2849.3	2995.8	3076.9	3152.2	3076.9	2995.8	2849.3	2668.7	2350.7	2084.4	1723.0
25°	4287.5	4569.6	4752.2	4838.4	4752.2	4569.6	4287.5	3922.0	3419.0	2938.4	2345.7
22.5°	6670.0	7190.1	7591.3	7671.6	7591.3	7190.1	6670.0	5884.5	5072.7	4229.6	3317.8
20°	10369.4	11113.6	11719.0	12023.9	11719.0	11113.6	10369.4	9035.7	7660.9	6232.8	4891.9
17.5°	17187.6	18735.5	19442.6	19558.7	19442.6	18735.5	17187.6	14668.9	12554.1	10132.0	7459.3
15°	27331.1	29950.5	31613.3	32684.0	31613.3	29950.5	27331.1	23028.9	19019.4	15223.2	11057.7
12.5°	38904.7	46347.5	50582.5	52197.2	50582.5	46347.5	38904.7	32120.9	25604.0	19882.6	14666.9
10°	54612.5	72133.9	82241.0	87327.0	82241.0	72133.9	54612.5	43515.2	33097.4	24630.2	17699.2
7.5°	81272.3	108334.4	138318.1	152189.9	138318.1	108334.4	81272.3	55555.2	40978.0	29760.7	21095.7
5°	109298.2	168715.5	220866.8	245840.2	220866.8	168715.5	109298.2	74053.6	49349.5	34320.3	24069.9
2.5°	141509.5	221639.5	295726.2	326878.0	295726.2	221639.5	141509.5	87589.1	55538.8	37034.4	25752.7
0°	153906.5	247245.4	328271.7	358848.0	328271.7	247245.4	153906.5	90501.9	56655.8	38008.5	26060.6
-2.5°	143425.9	225521.5	296999.1	331936.6	296999.1	225521.5	143425.9	87248.6	56043.7	37971.9	26306.5
-5°	113959.3	169645.4	222581.5	251050.8	222581.5	169645.4	113959.3	76789.2	51223.6	35681.1	24930.2
-7.5°	83639.0	113954.0	143352.7	153633.0	143352.7	113954.0	83639.0	59146.4	43312.8	31511.7	22649.6
-10°	58231.2	75590.5	87049.6	90319.6	87049.6	75590.5	58231.2	46507.6	35749.9	27004.4	19639.0
-12.5°	43172.6	50765.6	56048.6	56967.2	56048.6	50765.6	43172.6	35919.1	28485.4	22343.4	16892.0
-15°	31968.2	35829.5	38554.3	38737.7	38554.3	35829.5	31968.2	27578.9	22606.0	17942.7	13569.6
-17.5°	23368.9	25960.8	27335.9	27237.9	27335.9	25960.8	23368.9	20229.5	17282.7	13732.2	10518.6
-20°	16710.1	18272.4	19380.4	19163.8	19380.4	18272.4	16710.1	14619.7	12583.9	10087.6	7967.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	11651.5	12688.6	13337.8	13170.8	13337.8	12688.6	11651.5	10216.3	8805.9	7373.1	5822.3
-25°	7917.0	8482.1	8803.7	8750.2	8803.7	8482.1	7917.0	7098.9	6131.0	5258.8	4236.6
-27.5°	5395.0	5693.4	5793.1	5787.9	5793.1	5693.4	5395.0	4896.7	4230.3	3790.2	3252.6
-30°	3744.6	3945.2	4059.8	3987.7	4059.8	3945.2	3744.6	3486.6	3139.6	2856.6	2546.3
-32.5°	2790.9	2904.1	2969.5	2901.5	2969.5	2904.1	2790.9	2648.6	2464.4	2265.4	2049.8
-35°	2199.5	2256.7	2279.8	2240.7	2279.8	2256.7	2199.5	2111.8	1993.3	1859.2	1710.0
-37.5°	1793.2	1826.7	1838.1	1815.4	1838.1	1826.7	1793.2	1740.9	1669.0	1581.9	1483.3
-40°	1519.5	1540.0	1545.1	1526.7	1545.1	1540.0	1519.5	1488.3	1444.7	1391.6	1322.5
-42.5°	1329.5	1341.7	1344.6	1336.8	1344.6	1341.7	1329.5	1309.5	1278.0	1236.9	1190.0
-45°	1188.2	1198.7	1200.6	1192.5	1200.6	1198.7	1188.2	1172.6	1146.3	1110.9	1069.3
-47.5°	1073.8	1080.3	1081.9	1078.6	1081.9	1080.3	1073.8	1063.7	1043.6	1012.8	976.4
-50°	986.2	990.6	991.0	987.4	991.0	990.6	986.2	979.0	963.2	933.0	898.3
-52.5°	912.8	916.0	918.1	919.1	918.1	916.0	912.8	907.1	895.1	866.6	836.2
-55°	851.0	855.1	857.5	858.3	857.5	855.1	851.0	845.4	837.3	810.3	780.3
-57.5°	798.5	802.2	804.4	805.1	804.4	802.2	798.5	793.4	786.8	760.9	732.0
-60°	743.7	748.2	751.0	752.0	751.0	748.2	743.7	737.8	730.5	707.8	680.8
-62.5°	671.4	673.4	675.2	676.0	675.2	673.4	671.4	667.5	661.7	643.8	619.5
-65°	600.5	604.6	607.0	607.7	607.0	604.6	600.5	594.6	586.8	571.1	549.0
-67.5°	523.6	528.9	534.5	539.3	534.5	528.9	523.6	516.8	508.4	495.1	476.2
-70°	453.9	460.6	462.8	463.3	462.8	460.6	453.9	446.1	437.2	425.5	409.4
-72.5°	386.4	392.8	398.1	402.6	398.1	392.8	386.4	379.2	371.0	360.9	347.0
-75°	318.8	324.7	326.2	326.6	326.2	324.7	318.8	312.1	304.6	295.7	283.3
-77.5°	251.3	256.8	258.0	258.3	258.0	256.8	251.3	245.4	238.9	231.8	222.7
-80°	185.9	188.9	193.4	197.5	193.4	188.9	185.9	182.5	178.8	174.6	168.2
-82.5°	127.9	128.6	129.0	129.1	129.0	128.6	127.9	126.8	125.4	123.5	118.0
-85°	80.9	83.2	83.5	83.6	83.5	83.2	80.9	78.5	76.0	73.4	70.5
-87.5°	37.7	37.9	38.0	38.0	38.0	37.9	37.7	37.4	37.1	36.7	34.4
-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: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	1.9	1.4	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.0
62.5°	7.7	8.4	8.7	7.9	5.9	3.7	4.4	5.3	3.7	0.7	2.6
60°	28.6	18.2	25.8	28.3	24.9	17.9	18.2	17.0	14.0	11.1	7.4
57.5°	93.6	90.5	74.2	64.1	61.1	54.2	44.6	35.5	31.4	25.2	17.9
55°	129.1	123.8	115.0	102.8	89.0	85.0	77.3	66.3	55.7	43.2	35.0
52.5°	158.7	160.1	155.0	140.3	128.0	119.8	109.2	98.8	86.0	73.8	57.5
50°	226.8	218.1	209.9	201.5	182.2	163.3	150.0	135.6	117.1	103.4	89.7
47.5°	289.5	276.6	267.9	256.8	234.7	214.9	194.0	173.7	150.6	129.1	115.5
45°	343.2	324.5	307.7	293.9	274.8	252.2	233.6	211.0	184.7	159.7	136.3
42.5°	397.7	369.4	346.7	332.8	309.7	286.3	265.3	248.0	219.5	190.3	166.7
40°	470.2	413.4	392.3	386.8	364.9	327.7	309.9	290.9	260.6	222.4	199.2
37.5°	589.8	513.8	476.5	456.9	437.0	398.4	363.8	338.9	311.6	268.6	235.4
35°	759.2	669.9	588.5	546.6	523.0	470.5	424.9	390.6	358.1	317.3	274.3
32.5°	907.8	807.2	710.0	636.6	583.8	535.3	484.4	442.0	399.4	357.7	315.3
30°	1124.7	956.5	822.6	719.2	651.3	591.1	537.1	485.9	437.6	393.8	351.1
27.5°	1419.3	1151.0	969.0	823.5	722.3	650.6	589.2	529.4	474.3	427.1	383.4
25°	1852.6	1423.6	1151.7	955.3	808.5	716.6	646.3	577.2	512.9	459.1	422.1
22.5°	2475.0	1889.0	1440.8	1097.8	934.1	817.7	714.0	627.0	554.1	506.0	462.1
20°	3546.9	2528.6	1866.0	1425.7	1124.4	937.4	795.7	693.5	619.0	557.1	502.6
17.5°	5378.9	3726.8	2416.2	1835.8	1407.0	1116.5	912.2	776.5	682.6	608.5	543.5
15°	7624.0	5114.6	3377.7	2365.4	1724.3	1265.7	1021.5	858.9	748.0	662.4	584.6
12.5°	9962.0	6435.5	4174.2	2767.5	1951.3	1424.6	1136.3	952.7	813.2	701.3	611.8
10°	11993.2	7792.6	4976.8	3242.8	2207.9	1577.3	1227.2	1012.0	852.2	729.2	634.8
7.5°	14237.3	9180.6	5715.7	3590.7	2419.8	1699.6	1288.6	1051.7	884.4	752.6	653.8
5°	15899.9	10240.1	6340.7	3907.9	2579.2	1793.0	1336.5	1080.2	909.6	771.2	668.8
2.5°	17015.4	10977.9	6733.0	4126.4	2677.8	1864.6	1375.0	1106.9	929.2	790.1	685.5
0°	17363.6	11051.6	7033.6	4261.1	2742.0	1929.3	1405.2	1131.7	941.9	805.1	698.8
-2.5°	17469.9	11178.4	7003.5	4290.7	2764.1	1963.9	1418.0	1136.3	951.7	810.8	700.7
-5°	16776.1	10850.9	6846.5	4260.5	2747.5	1963.4	1439.4	1144.6	957.3	812.7	699.1
-7.5°	15557.0	10142.9	6435.5	4067.5	2667.9	1932.1	1454.7	1155.4	962.5	818.7	704.5
-10°	13703.1	9007.3	5796.4	3743.7	2535.3	1872.0	1440.7	1149.5	959.2	817.7	705.7
-12.5°	11838.0	7735.1	4968.8	3290.1	2318.9	1761.0	1386.5	1126.0	947.2	809.3	702.4
-15°	9469.6	6474.2	4355.3	2978.9	2124.0	1641.4	1317.9	1089.2	926.9	794.3	694.5
-17.5°	7606.0	5252.1	3567.3	2554.9	1936.0	1536.4	1264.5	1059.2	903.0	779.0	683.7
-20°	5851.0	4136.6	3020.4	2247.9	1742.5	1407.1	1192.2	1015.2	875.5	763.1	673.5

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	4409.4	3350.2	2506.9	1932.1	1562.3	1307.0	1119.9	966.1	842.0	740.5	660.1
-25°	3426.1	2672.1	2096.6	1706.8	1403.3	1196.9	1052.7	927.3	815.6	718.0	644.2
-27.5°	2709.5	2169.6	1799.5	1497.0	1274.5	1122.1	998.4	887.0	787.1	701.0	627.9
-30°	2194.0	1843.6	1558.3	1331.5	1172.9	1045.5	945.8	852.6	760.5	679.2	610.5
-32.5°	1797.3	1581.9	1367.5	1204.7	1073.1	975.4	894.3	815.7	728.0	656.8	592.2
-35°	1538.9	1382.3	1230.0	1100.2	989.1	914.7	842.6	769.1	697.7	631.4	571.3
-37.5°	1359.1	1231.2	1116.6	1012.0	929.3	859.3	795.9	731.1	666.1	605.4	549.9
-40°	1219.0	1110.4	1019.9	940.3	874.1	814.2	756.6	696.7	638.9	578.0	526.7
-42.5°	1104.5	1018.8	940.4	879.3	823.2	772.1	721.4	669.2	612.6	554.9	500.7
-45°	1010.1	942.7	877.1	823.0	775.0	732.1	693.2	641.0	585.6	527.9	472.9
-47.5°	930.9	875.2	820.6	770.1	730.5	693.3	655.8	609.7	551.6	497.3	450.4
-50°	860.7	815.8	769.5	723.1	688.3	654.2	614.7	566.6	516.4	471.7	427.6
-52.5°	804.1	763.6	723.2	684.3	650.3	614.6	572.2	530.6	487.8	445.8	405.2
-55°	747.0	714.0	681.6	649.5	617.5	580.6	541.6	500.2	458.2	419.0	377.5
-57.5°	701.8	671.6	642.4	613.4	584.8	548.2	508.5	468.0	424.8	385.1	346.1
-60°	654.0	627.7	598.9	570.7	543.6	511.2	468.0	426.4	386.5	348.9	311.2
-62.5°	594.5	568.9	543.8	516.6	488.0	456.0	416.7	378.4	343.8	311.1	277.3
-65°	526.1	502.5	478.3	451.5	421.6	388.6	355.2	327.1	300.4	272.6	242.8
-67.5°	456.1	434.8	410.0	383.0	357.3	330.7	306.7	282.6	257.7	232.2	205.4
-70°	392.8	375.8	355.6	332.1	307.6	282.8	259.9	237.5	214.4	193.0	172.4
-72.5°	332.2	316.5	298.2	276.8	255.3	234.5	215.2	196.9	178.8	161.1	142.9
-75°	270.6	257.5	243.0	225.7	208.2	190.7	174.7	159.9	144.7	129.1	113.7
-77.5°	213.3	203.8	193.2	179.5	165.8	152.1	138.6	125.2	112.7	101.0	90.2
-80°	161.3	154.1	146.1	135.1	124.2	113.3	102.7	93.6	85.0	77.3	69.7
-82.5°	112.3	106.6	100.7	92.9	85.2	77.6	70.2	64.7	59.3	54.0	49.0
-85°	67.6	64.4	61.2	56.7	52.5	48.5	44.9	41.8	38.6	35.4	32.2
-87.5°	32.1	29.8	27.6	27.0	26.3	25.6	24.9	22.6	20.4	18.2	16.1
-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: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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	0.7	1.7	1.6	0.5
70°	0.0	0.0	0.0	0.7	0.7	0.0	0.0	1.0	2.8	3.2	2.3
67.5°	0.0	0.0	0.0	1.6	2.6	2.2	0.5	1.3	3.1	4.9	4.3
65°	2.6	1.8	0.1	2.0	3.8	4.9	3.7	2.3	3.4	5.1	6.3
62.5°	4.5	5.7	4.3	3.1	4.2	6.0	7.0	4.8	3.9	5.4	7.1
60°	5.0	6.8	7.7	6.0	5.3	6.4	7.6	7.0	5.5	5.7	7.4
57.5°	13.4	8.6	8.6	8.2	6.9	7.0	7.6	7.6	6.8	6.4	7.6
55°	24.8	18.2	12.8	10.3	8.6	7.5	7.8	7.6	7.6	7.0	7.6
52.5°	43.2	31.4	23.0	15.6	11.6	8.6	8.6	7.6	7.6	7.4	7.6
50°	68.7	49.4	36.2	26.1	16.2	12.7	9.8	8.8	7.6	7.6	7.6
47.5°	100.5	73.8	52.9	38.1	26.7	17.2	13.5	10.5	7.6	7.6	7.6
45°	124.0	103.0	73.7	53.3	37.6	25.9	18.2	12.5	9.4	7.9	7.6
42.5°	147.1	128.1	100.2	68.3	51.6	35.7	23.3	16.8	11.6	8.4	7.9
40°	176.7	152.9	125.6	93.1	67.1	45.4	31.6	21.7	13.9	9.7	8.5
37.5°	207.2	180.5	150.7	116.9	84.6	60.1	40.1	26.7	17.5	12.3	9.2
35°	241.3	209.4	175.7	139.8	105.3	75.3	48.2	32.8	22.4	15.1	10.1
32.5°	275.8	237.1	198.9	161.9	124.7	90.9	59.7	40.6	27.0	18.1	11.2
30°	309.3	264.4	220.3	183.1	143.1	107.6	74.1	49.2	31.5	21.1	12.7
27.5°	339.8	291.2	241.0	202.0	161.6	123.2	88.6	58.3	35.8	24.5	15.1
25°	371.7	318.5	264.6	218.8	179.1	138.9	102.0	68.2	42.1	28.1	17.5
22.5°	407.9	346.1	287.4	234.0	197.4	154.2	114.9	79.8	49.8	31.5	20.0
20°	446.7	373.4	310.3	255.5	214.5	170.0	127.7	90.5	57.5	34.8	22.4
17.5°	486.5	403.3	338.0	280.1	231.5	184.7	139.9	100.2	65.3	37.9	24.8
15°	513.5	433.2	362.9	303.1	248.5	198.4	151.4	109.1	73.0	40.7	27.2
12.5°	536.1	459.0	384.8	324.3	265.2	210.8	162.2	117.0	80.5	44.6	29.5
10°	556.1	480.8	404.0	343.8	281.4	222.1	172.1	124.1	87.4	49.5	31.6
7.5°	573.4	498.7	420.4	361.5	296.8	233.4	180.3	130.2	93.4	54.4	33.5
5°	587.8	514.1	434.1	372.9	311.1	245.3	187.2	135.7	98.5	59.3	35.2
2.5°	599.3	528.2	445.9	381.2	323.6	256.3	192.9	140.4	102.8	64.0	36.7
0°	607.7	539.3	455.7	387.4	334.2	265.8	197.5	144.3	106.3	68.4	38.0
-2.5°	613.2	541.1	466.2	394.6	340.5	273.7	206.7	149.2	109.1	72.3	40.3
-5°	615.5	540.9	474.0	400.1	345.2	280.1	214.5	153.2	111.3	75.6	42.4
-7.5°	618.9	543.4	478.2	404.4	348.2	285.0	220.4	156.2	113.0	78.3	44.2
-10°	620.2	546.0	479.3	409.8	350.8	288.5	224.3	158.1	114.2	80.3	45.9
-12.5°	618.5	545.8	479.0	412.7	352.0	290.6	226.3	161.1	115.4	81.5	47.3
-15°	613.6	542.5	477.9	413.0	351.8	291.4	226.9	163.8	117.7	81.8	48.4
-17.5°	606.0	536.3	476.2	410.5	350.4	291.0	226.2	165.1	118.9	81.2	49.6
-20°	598.5	530.5	473.6	405.1	347.7	289.4	224.3	164.8	118.8	80.1	50.6

Classified

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Scaled Data Report



REPORT NUMBER: P627878 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	588.6	525.1	465.2	399.6	343.9	286.7	221.1	162.9	117.5	78.3	51.2
-25°	576.2	516.9	455.6	395.3	339.2	281.3	217.5	159.3	114.7	75.9	51.5
-27.5°	563.7	505.7	445.5	389.3	332.5	274.8	212.6	155.9	110.9	72.8	51.3
-30°	549.2	493.2	436.6	381.2	323.3	265.6	205.6	150.7	106.8	71.3	50.7
-32.5°	533.3	480.6	426.6	369.0	311.7	255.3	196.7	143.6	102.0	70.4	50.2
-35°	517.4	466.6	414.5	353.8	299.2	244.1	187.7	134.4	96.6	69.0	49.5
-37.5°	498.6	449.2	394.9	337.4	285.9	232.2	179.3	129.2	90.5	67.0	48.5
-40°	477.2	427.9	372.5	322.0	271.9	219.4	170.2	124.5	86.7	64.4	47.4
-42.5°	453.2	404.0	354.5	306.3	257.2	208.6	160.8	118.6	84.9	62.4	46.0
-45°	428.6	382.4	337.7	290.2	242.4	197.3	152.9	112.1	82.4	60.6	44.6
-47.5°	405.6	364.1	319.4	272.8	229.5	185.8	143.6	107.8	78.8	58.5	43.1
-50°	386.1	344.0	299.3	255.2	214.3	174.0	134.1	102.2	75.8	56.3	41.2
-52.5°	363.7	321.2	277.4	235.7	198.2	160.8	126.0	95.6	71.6	53.5	39.0
-55°	337.0	294.9	253.0	216.4	181.3	148.3	116.4	88.6	66.3	50.3	36.4
-57.5°	305.9	265.0	230.6	197.3	164.4	134.4	105.7	80.3	61.5	46.7	33.5
-60°	273.9	240.8	209.3	176.8	146.5	119.3	93.7	72.0	56.5	42.6	30.3
-62.5°	245.4	215.2	184.2	154.4	128.0	103.4	81.2	65.5	51.2	38.2	26.8
-65°	213.5	184.8	157.1	132.7	109.2	88.6	72.9	58.5	45.3	33.5	23.6
-67.5°	179.1	156.2	132.9	110.7	93.4	78.2	64.0	51.0	39.1	28.4	21.6
-70°	151.4	129.9	110.8	95.1	80.7	67.2	54.6	43.0	32.5	25.4	19.5
-72.5°	124.9	108.4	93.4	79.9	67.4	55.6	44.7	35.3	28.3	22.2	17.2
-75°	99.5	87.6	75.7	64.1	53.5	43.9	36.7	29.7	23.9	18.9	15.0
-77.5°	79.8	69.1	58.3	50.0	43.5	36.9	30.2	23.9	19.8	16.4	12.9
-80°	61.4	53.9	47.4	41.7	35.7	29.7	24.6	20.1	17.0	13.9	10.8
-82.5°	44.1	40.2	36.7	33.4	28.7	24.4	20.5	17.1	14.3	11.5	8.5
-85°	30.1	28.2	26.5	24.9	21.8	18.9	15.7	12.8	10.1	7.8	5.7
-87.5°	15.4	14.7	13.9	13.1	11.2	9.5	7.9	6.4	5.1	3.9	2.9
-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-735-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	0.3	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	0.8	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.1	0.8	0.0	0.2	1.2	0.0
70°	0.9	1.7	1.5	0.1	0.3	1.4	0.0
67.5°	2.7	2.3	2.3	0.9	0.4	1.6	0.0
65°	4.4	3.2	3.1	1.6	0.6	1.8	0.0
62.5°	6.0	4.3	3.9	2.4	0.8	2.0	0.0
60°	7.4	5.3	4.8	3.2	1.0	2.2	0.0
57.5°	7.6	6.2	5.3	4.0	1.7	2.4	0.0
55°	7.6	7.0	5.9	4.8	2.3	2.6	0.0
52.5°	7.6	7.6	6.3	5.7	2.9	2.8	0.0
50°	7.6	7.6	6.7	6.5	3.4	3.0	0.0
47.5°	7.6	7.6	7.0	7.2	4.0	3.2	0.0
45°	7.6	7.6	7.3	7.4	4.4	3.5	0.0
42.5°	7.6	7.6	7.5	7.6	4.9	3.7	0.0
40°	7.6	7.6	7.6	7.6	5.3	3.9	0.0
37.5°	7.6	7.6	7.6	7.6	5.7	4.2	0.0
35°	7.6	7.6	7.6	7.6	6.0	4.4	0.0
32.5°	7.8	7.6	7.6	7.6	6.3	4.7	0.0
30°	8.6	7.6	7.6	7.6	6.6	4.9	0.0
27.5°	9.5	7.6	7.6	7.6	6.8	5.2	0.0
25°	10.4	7.6	7.6	7.6	7.0	5.4	0.0
22.5°	11.3	7.7	7.6	7.6	7.2	5.7	0.0
20°	12.3	8.3	7.6	7.6	7.3	5.9	0.0
17.5°	13.6	9.0	7.6	7.6	7.4	6.2	0.0
15°	15.2	9.8	7.6	7.6	7.5	6.4	0.0
12.5°	16.6	10.6	7.6	7.6	7.5	6.6	0.0
10°	18.0	11.5	7.6	7.6	7.6	6.8	0.0
7.5°	19.4	12.5	7.6	7.6	7.6	7.0	0.0
5°	20.6	13.4	7.6	7.6	7.6	7.2	0.0
2.5°	21.7	14.3	7.6	7.6	7.6	7.4	0.0
0°	22.8	15.2	7.6	7.6	7.6	7.6	0.0
-2.5°	24.8	16.0	8.3	7.6	7.6	7.6	0.0
-5°	26.6	16.7	8.9	7.6	7.6	7.6	0.0
-7.5°	28.3	17.4	9.5	7.6	7.6	7.5	0.0
-10°	29.8	18.0	10.1	7.6	7.6	7.5	0.0
-12.5°	31.1	18.5	10.6	7.6	7.6	7.4	0.0
-15°	32.0	18.9	11.0	7.6	7.6	7.3	0.0
-17.5°	32.7	19.2	11.4	7.6	7.6	7.2	0.0
-20°	33.1	19.5	11.6	7.6	7.6	7.1	0.0

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CATALOG NUMBER: GFLD-SA6C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.5	19.6	11.7	7.6	7.6	7.0	0.0
-25°	33.7	20.1	11.6	7.6	7.6	6.9	0.0
-27.5°	33.7	20.6	11.5	7.6	7.6	6.7	0.0
-30°	33.5	21.0	11.2	7.6	7.6	6.6	0.0
-32.5°	33.2	21.1	11.1	7.6	7.6	6.4	0.0
-35°	33.1	21.1	11.0	7.6	7.6	6.2	0.0
-37.5°	32.9	20.9	10.7	7.6	7.6	6.0	0.0
-40°	32.5	20.5	10.3	7.6	7.6	5.8	0.0
-42.5°	31.8	19.9	10.2	7.7	7.6	5.6	0.0
-45°	30.9	19.1	10.5	7.9	7.6	5.4	0.0
-47.5°	29.6	18.1	10.7	8.0	7.6	5.1	0.0
-50°	28.1	16.9	10.8	8.1	7.6	4.9	0.0
-52.5°	26.3	15.5	10.8	8.2	7.6	4.6	0.0
-55°	24.3	15.1	10.7	8.2	7.6	4.4	0.0
-57.5°	22.0	14.7	10.6	8.2	7.6	4.1	0.0
-60°	19.7	14.2	10.4	8.2	7.6	3.8	0.0
-62.5°	18.7	13.6	10.1	8.1	7.0	3.5	0.0
-65°	17.5	12.9	9.7	8.0	6.4	3.2	0.0
-67.5°	16.2	12.1	9.3	7.8	5.8	2.9	0.0
-70°	14.8	11.2	8.8	7.6	5.2	2.6	0.0
-72.5°	13.2	10.2	8.3	6.8	4.6	2.3	0.0
-75°	11.5	9.1	7.7	5.9	3.9	2.0	0.0
-77.5°	9.7	8.0	6.5	4.9	3.3	1.6	0.0
-80°	7.8	6.5	5.3	3.9	2.6	1.3	0.0
-82.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-85°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-87.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)