

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: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

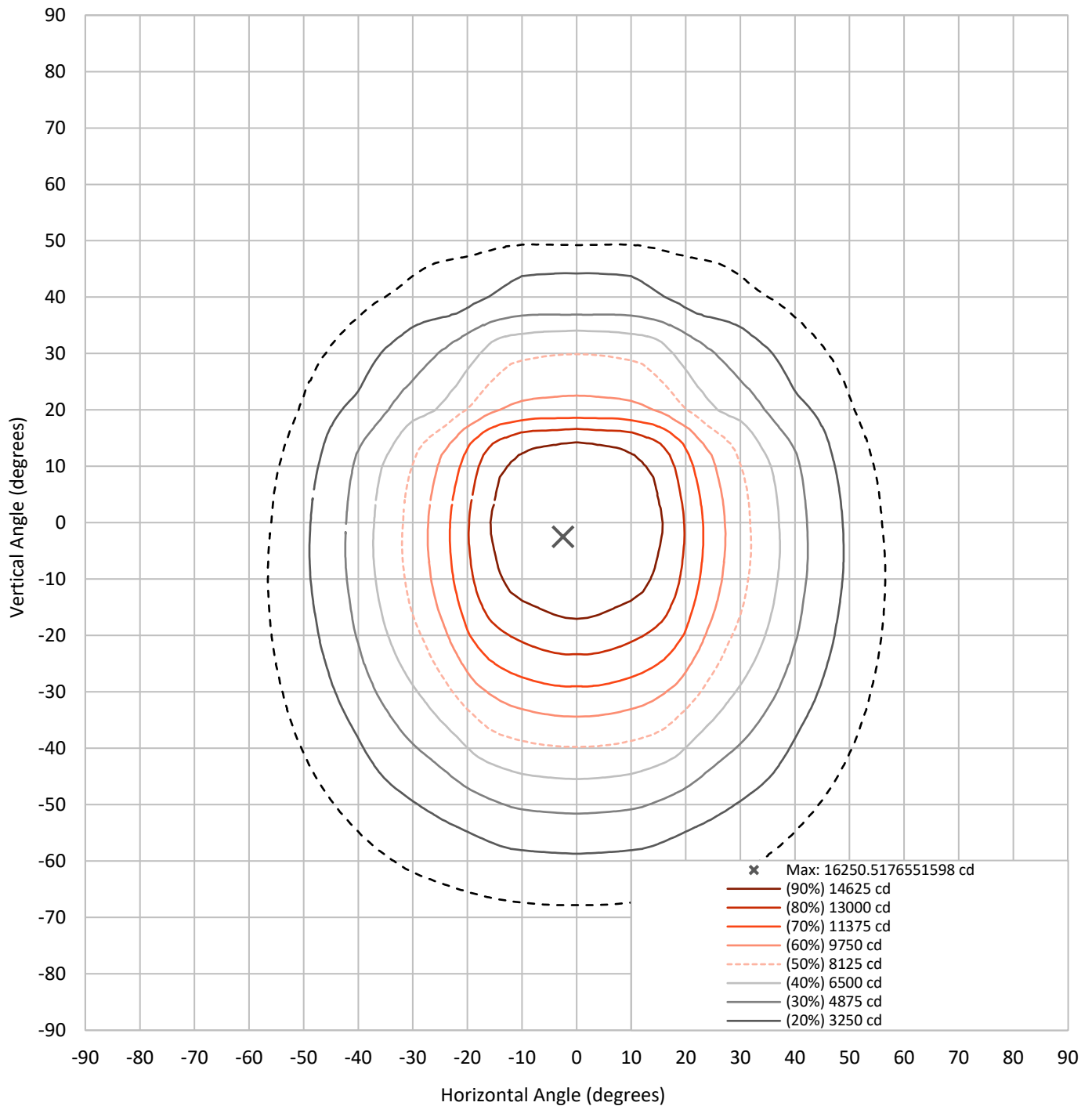
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21686.8 lumens	Max Intensity:	16250.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	113.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	12547.3 lumens	Field Lumens:	20579.4 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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		



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CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

Iso-Candela Plot





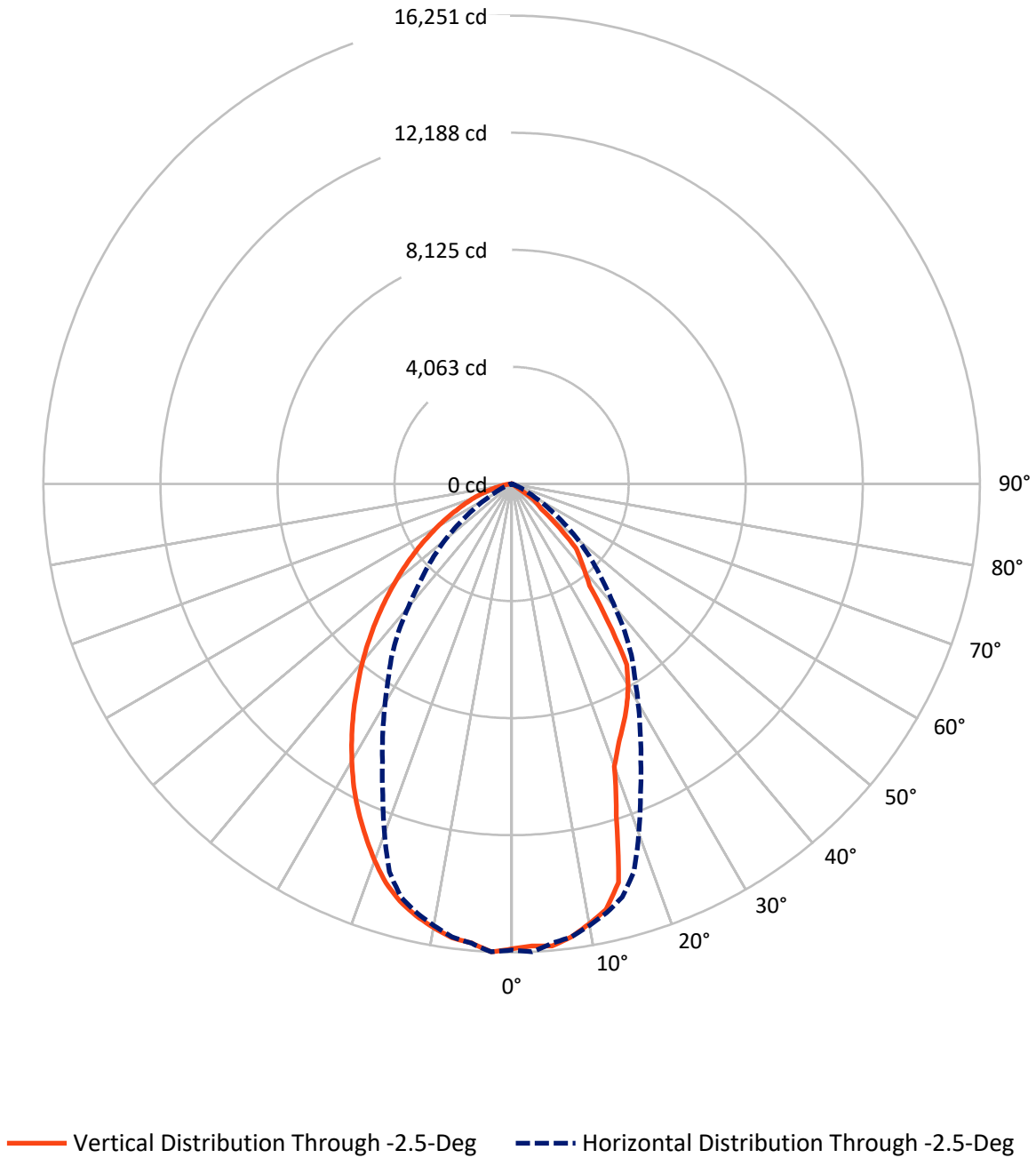
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Lumen Table

90																			
80	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1										
70																			
60	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2				
50		0.2	0.4	2.0	5.9	11.4	16.9	21.1	21.1	16.9	11.4	5.9	2.0	0.4		0.2			
40	0.4	0.4	2.4	11.1	26.9	48.4	71.5	87.5	87.5	71.5	48.4	26.9	11.1	2.4	0.4	0.4			
30		1.1	8.1	28.2	62.8	101.9	152.8	178.6	178.6	152.8	101.9	62.8	28.2	8.1	1.1				
20	0.7	2.4	15.6	49.9	101.3	160.6	240.9	276.8	276.8	240.9	160.6	101.3	49.9	15.6	2.4	0.7			
10		4.1	24.0	73.9	145.9	240.1	357.5	409.9	409.9	357.5	240.1	145.9	73.9	24.0	4.1				
0	1.1	5.6	31.1	87.7	174.5	286.9	422.1	479.0	479.0	422.1	286.9	174.5	87.7	31.1	5.6	1.1			
-10		6.7	34.3	91.1	179.2	293.5	425.2	480.8	480.8	425.2	293.5	179.2	91.1	34.3	6.7				
-20	1.4	7.0	33.5	86.2	168.9	274.8	394.6	445.9	445.9	394.6	274.8	168.9	86.2	33.5	7.0	1.4			
-30		6.3	29.3	75.2	145.9	233.6	330.8	374.7	374.7	330.8	233.6	145.9	75.2	29.3	6.3				
-40	1.4	5.3	23.4	59.1	114.8	180.2	252.7	286.1	286.1	252.7	180.2	114.8	59.1	23.4	5.3	1.4			
-50		4.3	17.3	42.2	82.2	126.7	174.9	198.5	198.5	174.9	126.7	82.2	42.2	17.3	4.3				
-60	1.0	3.2	11.3	27.1	51.1	78.7	106.9	121.9	121.9	106.9	78.7	51.1	27.1	11.3	3.2	1.0			
-70		2.2	6.8	15.8	28.1	41.7	55.2	62.6	62.6	55.2	41.7	28.1	15.8	6.8	2.2				
-80	0.4	5.1	23.4	51.0	57.0	51.0	23.4	5.1	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

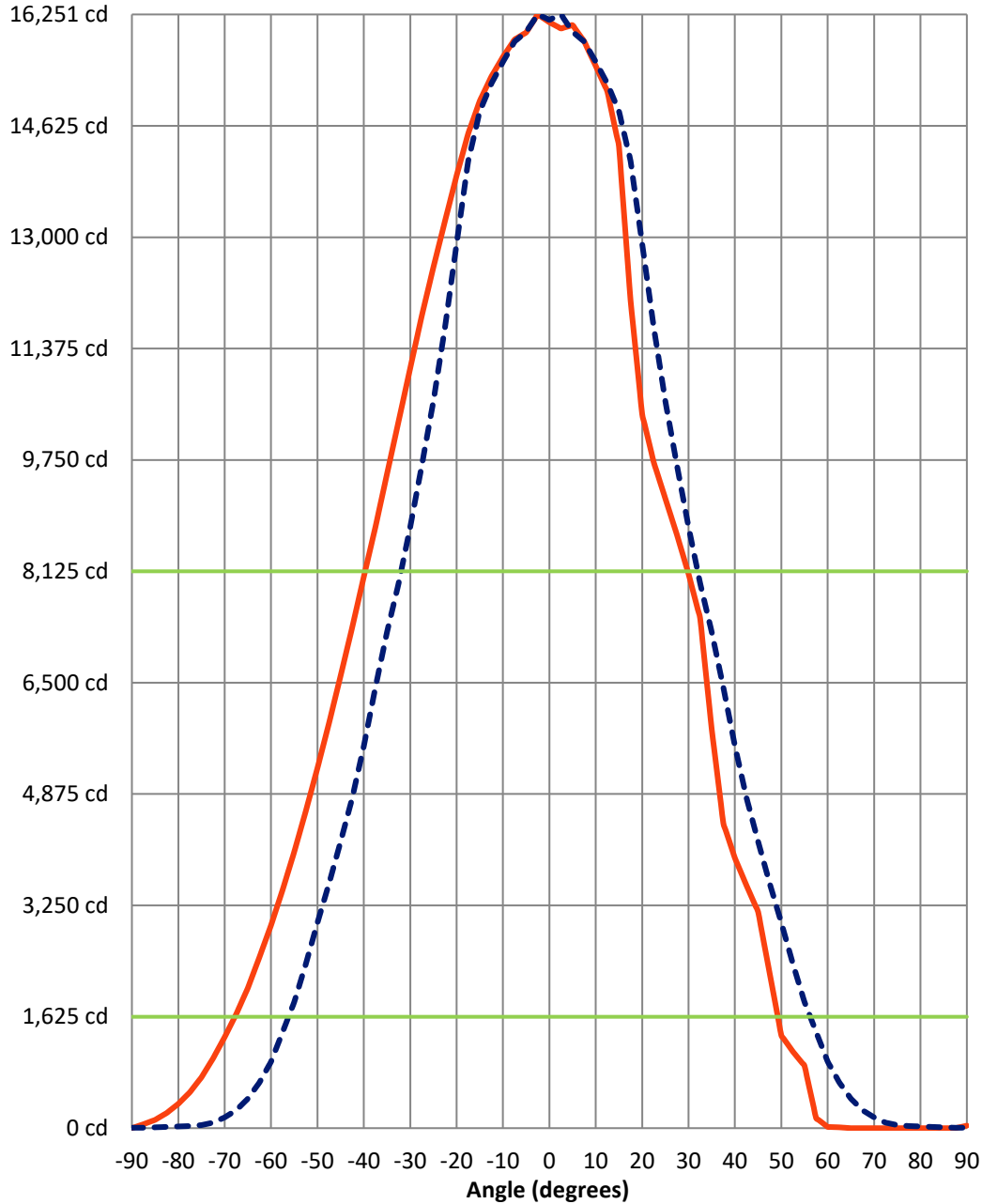
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 12547.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 20579.4
 Efficiency: 94.9%

Spill:
 Lumens: 1107.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	6.1	6.1	6.1	7.6	9.1	10.6	12.1	13.6	15.2	16.7	18.2
87.5°	6.1	6.1	6.1	5.9	5.6	5.1	4.5	3.2	2.0	0.9	0.0
85°	6.1	6.1	6.1	5.7	5.0	4.1	3.0	1.8	1.0	0.4	0.0
82.5°	6.1	6.1	6.1	5.5	4.5	3.2	1.4	0.5	0.1	0.9	1.6
80°	6.1	6.1	6.1	5.3	4.1	2.3	0.3	1.2	2.2	3.2	4.2
77.5°	6.1	6.1	6.1	5.2	3.6	2.0	1.9	3.0	4.3	5.5	5.5
75°	6.1	6.1	6.1	5.0	3.3	3.0	3.4	4.8	6.0	5.0	3.2
72.5°	6.1	6.1	6.1	4.9	3.9	4.0	4.9	6.0	5.2	3.5	1.1
70°	6.1	6.1	6.1	4.9	4.4	4.9	6.1	5.8	4.5	2.3	2.8
67.5°	6.1	6.1	6.1	5.1	4.9	5.7	6.3	5.6	4.0	4.7	5.4
65°	6.1	6.1	6.1	5.3	5.3	6.3	6.5	5.6	6.1	7.1	7.5
62.5°	6.1	6.1	6.1	5.5	5.7	6.8	6.8	6.9	8.2	9.2	8.4
60°	6.1	6.1	6.1	5.6	6.1	7.3	7.2	8.7	10.2	10.6	9.5
57.5°	6.1	6.1	6.2	5.8	6.7	7.9	8.6	10.5	12.0	12.2	11.9
55°	6.1	6.1	6.3	5.9	7.3	8.5	10.2	12.3	13.8	14.1	14.7
52.5°	6.1	6.1	6.4	6.0	7.9	9.3	11.7	14.0	15.8	16.7	17.6
50°	6.1	6.1	6.5	6.1	8.6	10.5	13.2	15.8	18.0	19.3	20.5
47.5°	6.1	6.1	6.7	6.2	9.3	11.7	14.6	17.5	20.3	21.8	23.3
45°	6.1	6.1	6.8	6.8	10.0	12.9	16.0	19.1	22.4	24.4	26.1
42.5°	6.1	6.1	7.0	7.3	10.7	14.1	17.4	21.0	24.7	26.9	31.7
40°	6.1	6.1	7.2	8.1	11.6	15.2	18.8	23.1	27.1	29.4	37.8
37.5°	6.1	6.1	7.5	8.9	12.4	16.3	20.1	25.2	29.6	33.4	44.1
35°	6.1	6.1	7.7	9.7	13.3	17.3	21.4	27.4	32.2	41.0	56.1
32.5°	6.1	6.1	8.0	10.4	14.1	18.4	22.8	29.7	35.0	50.0	80.0
30°	6.1	6.1	8.3	11.2	14.9	19.4	24.6	32.0	37.9	60.2	103.3
27.5°	6.1	6.1	8.6	11.9	15.8	20.3	26.4	34.3	42.9	71.6	125.9
25°	6.1	6.1	8.9	12.6	16.8	21.2	28.2	36.7	51.7	88.2	148.0
22.5°	6.1	6.1	9.2	13.3	17.7	22.1	30.0	39.1	60.9	106.4	177.2
20°	6.1	6.1	9.6	14.0	18.6	23.2	31.7	41.4	70.5	123.8	206.2
17.5°	6.1	6.1	9.9	14.6	19.5	24.3	33.4	43.8	80.3	140.1	234.7
15°	6.1	6.1	10.2	15.2	20.3	25.3	35.1	46.9	90.1	155.4	262.4
12.5°	6.1	6.1	10.6	15.8	21.0	26.3	36.7	51.1	101.1	169.6	289.0
10°	6.1	6.1	10.9	16.3	21.8	27.2	38.1	55.5	112.6	186.1	315.6
7.5°	6.1	6.1	11.2	16.8	22.5	28.0	39.4	60.0	123.7	202.1	343.6
5°	6.1	6.1	11.5	17.3	23.1	28.9	40.6	64.5	134.0	217.0	369.3
2.5°	6.1	6.1	11.8	17.8	23.7	29.6	41.6	68.8	143.4	230.5	392.4
0°	6.1	6.1	12.1	18.2	24.3	30.3	42.5	72.8	151.7	242.6	412.5
-2.5°	6.1	6.1	12.1	18.2	24.3	30.3	42.5	72.8	151.7	242.6	412.5
-5°	6.1	6.1	12.1	18.1	25.2	31.5	47.0	87.0	162.6	278.6	445.3
-7.5°	6.1	6.1	12.0	18.0	25.6	32.1	48.9	92.9	166.3	292.3	456.9
-10°	6.1	6.1	11.9	17.9	25.9	32.5	50.5	97.8	169.1	302.2	465.4
-12.5°	6.1	6.1	11.8	17.8	26.1	32.9	51.6	101.4	171.1	307.4	472.0
-15°	6.1	6.1	11.7	17.6	26.2	33.3	52.4	103.7	174.6	306.9	474.4
-17.5°	6.1	6.1	11.5	17.3	26.1	33.5	52.6	105.9	179.8	303.8	471.5
-20°	6.1	6.1	11.4	17.1	25.9	33.7	54.0	108.1	183.2	298.2	462.8

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Scaled Data Report



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.1	6.1	11.2	16.8	25.6	33.9	57.5	109.0	184.7	290.2	448.1
-25°	6.1	6.1	11.0	16.5	25.2	36.1	60.3	108.7	184.2	279.9	427.1
-27.5°	6.1	6.1	10.7	16.1	24.6	38.9	62.5	107.1	181.5	271.1	411.8
-30°	6.1	6.1	10.5	15.7	24.0	41.3	64.0	104.1	178.2	267.2	394.6
-32.5°	6.1	6.1	10.2	15.3	24.8	43.3	64.8	104.2	173.8	260.5	375.1
-35°	6.1	6.1	9.9	14.9	25.5	44.9	66.6	104.8	167.8	251.1	353.5
-37.5°	6.1	6.1	9.6	14.4	25.9	45.9	68.3	104.4	160.1	238.9	343.8
-40°	6.1	6.1	9.3	13.9	26.1	46.3	69.4	103.0	150.6	227.2	333.0
-42.5°	6.1	6.1	8.9	13.6	26.3	46.3	69.8	100.6	145.2	217.9	316.5
-45°	6.1	6.1	8.6	13.7	26.4	46.0	69.4	98.5	141.3	206.3	295.8
-47.5°	6.1	6.1	8.2	13.6	26.2	45.3	68.4	97.1	136.2	192.4	279.4
-50°	6.1	6.1	7.8	13.4	25.8	44.2	66.9	94.7	132.2	187.4	260.0
-52.5°	6.1	6.1	7.4	13.2	25.0	42.8	65.1	91.3	128.8	180.7	239.1
-55°	6.1	6.1	7.0	12.8	23.9	41.1	62.7	87.2	124.6	172.5	229.1
-57.5°	6.1	6.1	6.5	12.4	22.6	38.9	60.0	83.6	118.7	163.9	217.3
-60°	6.1	6.1	6.1	11.8	21.0	36.2	56.7	79.4	111.3	153.7	203.6
-62.5°	6.1	6.1	6.1	11.2	19.8	33.1	52.1	74.0	102.0	141.6	187.8
-65°	6.1	6.1	6.1	10.5	18.5	29.7	47.0	67.0	90.9	125.6	169.8
-67.5°	6.1	6.1	6.1	9.7	17.1	26.7	41.3	58.9	78.0	107.0	145.9
-70°	6.1	6.1	6.1	8.8	15.6	24.2	35.2	50.2	66.8	86.3	117.9
-72.5°	6.1	6.1	6.1	8.6	13.9	21.6	31.1	41.0	55.1	71.5	90.3
-75°	6.1	6.1	6.1	8.5	12.1	18.8	27.1	34.6	42.9	56.3	71.8
-77.5°	6.1	6.1	6.1	8.4	11.5	15.9	22.8	29.1	35.6	42.7	52.6
-80°	6.1	6.1	6.1	8.3	11.1	14.3	18.5	23.4	28.7	34.4	40.5
-82.5°	6.1	6.1	6.1	8.1	10.6	13.5	16.7	19.0	21.6	26.0	30.6
-85°	6.1	6.1	6.1	8.0	10.1	12.5	15.2	17.3	19.3	21.3	23.3
-87.5°	6.1	6.1	6.1	7.8	9.6	11.6	13.7	15.4	17.2	19.0	20.8
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	4.6	3.0	1.5	0.0



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 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	19.7	21.3	22.8
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.8	1.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.0	3.3	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.5	1.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	1.7	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.5	3.7	2.5	1.0	0.0	0.3	0.9	0.6	0.0	0.3	0.8
67.5°	5.7	4.2	2.8	1.7	2.3	3.1	2.9	3.1	3.3	3.6	3.1
65°	5.9	4.5	4.6	5.3	6.0	6.6	7.1	7.5	6.3	5.5	5.6
62.5°	6.4	6.9	7.9	8.9	9.7	10.5	10.6	9.5	7.2	9.0	10.3
60°	9.0	9.9	11.2	12.4	13.6	14.2	13.6	13.8	15.3	17.8	34.1
57.5°	12.2	12.9	14.5	16.4	18.1	18.4	18.9	20.5	48.1	78.5	86.7
55°	15.3	16.0	18.5	21.5	23.3	23.2	33.3	70.1	105.8	146.7	161.7
52.5°	18.4	19.8	24.1	27.7	30.0	46.8	84.3	134.3	187.0	233.9	294.4
50°	21.6	26.0	30.5	35.8	57.1	100.8	155.6	223.9	303.4	378.3	454.9
47.5°	27.0	32.5	39.4	56.4	112.6	173.2	249.0	358.9	457.0	547.5	652.6
45°	33.4	44.8	52.4	111.8	176.9	255.2	383.6	518.0	606.9	728.1	914.1
42.5°	39.9	62.1	100.2	168.9	248.2	374.4	533.7	648.2	766.6	963.1	1158.6
40°	57.5	83.2	151.2	232.8	333.4	517.5	680.9	810.6	972.2	1190.0	1394.2
37.5°	78.8	127.0	203.2	301.1	467.1	668.8	843.9	1029.1	1214.8	1420.2	1798.9
35°	102.4	167.7	269.1	401.1	600.9	836.6	1045.3	1252.2	1466.3	1870.8	2246.5
32.5°	133.3	205.2	337.9	517.5	745.4	1004.2	1246.5	1485.7	1829.1	2286.7	2663.8
30°	166.5	265.3	417.2	625.1	881.5	1157.7	1449.0	1738.6	2193.1	2571.8	2981.2
27.5°	201.2	328.8	510.2	737.6	1008.9	1302.5	1631.3	2044.4	2449.8	2824.0	3273.9
25°	236.8	395.0	595.2	845.2	1134.3	1459.1	1837.2	2340.5	2657.5	3071.1	3540.4
22.5°	282.7	458.3	679.4	942.7	1250.5	1619.9	2102.2	2607.5	2980.7	3328.5	3787.0
20°	335.6	529.6	770.9	1064.8	1364.3	1777.1	2365.7	2897.2	3336.1	3734.4	4155.5
17.5°	385.1	596.2	868.9	1189.6	1530.0	1978.4	2624.3	3212.4	3695.4	4139.3	4665.0
15°	430.9	657.9	964.8	1307.6	1692.8	2209.1	2856.1	3502.0	4053.6	4553.0	5150.3
12.5°	472.7	714.2	1057.2	1418.1	1846.1	2407.9	3050.8	3681.3	4287.5	4938.2	5616.2
10°	510.4	764.8	1144.5	1520.1	1988.3	2576.1	3211.6	3830.7	4442.3	5131.0	5884.2
7.5°	550.9	812.2	1223.7	1612.8	2117.6	2715.0	3340.1	3950.6	4567.5	5285.1	6058.4
5°	588.3	855.8	1286.6	1679.2	2217.5	2823.4	3436.8	4041.6	4662.5	5400.0	6190.3
2.5°	621.2	892.4	1337.9	1731.3	2291.6	2903.2	3499.6	4117.6	4732.9	5493.3	6291.1
0°	649.1	922.1	1377.0	1771.3	2347.6	2960.3	3536.6	4167.5	4774.1	5556.6	6357.4
-2.5°	666.9	970.8	1403.9	1841.1	2396.5	2997.7	3569.7	4181.5	4818.5	5576.7	6431.7
-5°	679.4	1010.2	1420.1	1894.9	2428.6	3014.2	3580.6	4170.7	4830.3	5571.7	6442.7
-7.5°	686.7	1038.0	1427.7	1925.4	2439.8	3004.3	3562.2	4150.1	4810.9	5552.6	6394.5
-10°	690.9	1046.7	1438.0	1916.2	2425.0	2971.8	3521.1	4101.9	4755.9	5490.5	6303.0
-12.5°	702.4	1041.2	1436.2	1895.9	2393.1	2922.7	3460.3	4025.6	4664.2	5384.7	6176.5
-15°	705.2	1028.6	1418.9	1865.8	2344.4	2858.4	3380.6	3921.0	4551.2	5281.6	6036.5
-17.5°	698.9	1009.8	1385.3	1827.5	2279.1	2780.5	3286.8	3826.7	4445.1	5162.7	5889.6
-20°	682.6	985.3	1334.5	1782.3	2201.6	2693.9	3192.8	3727.9	4323.1	4997.6	5725.2



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	656.0	955.8	1279.6	1719.1	2134.7	2594.5	3082.7	3593.2	4170.3	4783.6	5504.1
-25°	628.6	922.4	1236.4	1632.3	2054.1	2478.5	2956.2	3428.6	3990.9	4593.2	5232.5
-27.5°	602.5	875.8	1191.4	1537.3	1959.4	2354.5	2813.1	3273.9	3789.0	4379.3	4968.0
-30°	568.5	825.4	1136.5	1445.9	1846.0	2237.8	2653.6	3107.0	3570.2	4130.5	4709.6
-32.5°	538.4	773.1	1074.0	1376.3	1724.2	2106.3	2481.6	2913.8	3365.8	3843.4	4415.7
-35°	518.3	742.1	1007.7	1295.9	1599.8	1963.3	2320.2	2695.8	3133.5	3581.7	4084.2
-37.5°	502.0	706.5	937.9	1212.0	1501.4	1813.3	2147.5	2493.0	2875.0	3326.9	3799.3
-40°	476.4	666.4	886.3	1132.1	1387.5	1671.1	1981.2	2294.0	2625.2	3066.6	3532.7
-42.5°	443.6	627.6	837.5	1045.2	1278.5	1537.4	1813.0	2107.6	2425.8	2809.3	3237.8
-45°	418.3	578.0	783.4	969.4	1162.5	1399.3	1658.2	1924.9	2225.1	2554.3	2939.2
-47.5°	386.2	524.1	712.6	886.4	1056.5	1258.6	1495.4	1747.9	2013.8	2310.4	2625.8
-50°	351.9	479.1	625.9	795.1	957.4	1125.5	1327.4	1560.9	1802.2	2060.7	2342.1
-52.5°	325.9	426.5	560.5	701.3	856.0	1008.5	1180.4	1380.6	1596.1	1812.1	2059.7
-55°	296.5	387.8	498.2	624.5	756.1	897.2	1053.8	1229.2	1404.8	1603.3	1800.8
-57.5°	275.7	350.5	446.2	555.9	674.2	794.1	941.9	1090.1	1252.7	1416.9	1580.8
-60°	259.5	318.3	397.7	494.3	599.7	711.8	833.1	970.0	1110.0	1244.1	1385.7
-62.5°	241.0	292.1	354.2	433.0	528.2	625.7	732.5	849.9	976.5	1089.4	1199.2
-65°	217.0	261.4	314.7	378.8	453.6	536.0	627.0	726.0	835.4	927.0	1016.8
-67.5°	189.5	226.9	271.6	323.9	386.3	450.6	517.4	601.0	689.9	764.7	837.8
-70°	154.9	189.5	226.0	268.7	317.5	372.1	430.9	491.6	552.4	613.4	680.3
-72.5°	118.6	150.0	181.0	211.5	250.4	295.1	343.0	394.0	447.1	499.3	550.0
-75°	90.4	110.8	137.9	165.3	192.4	221.5	253.9	294.4	343.7	394.4	440.8
-77.5°	68.2	85.4	103.4	122.3	139.4	160.9	184.3	209.4	250.2	296.9	344.1
-80°	49.2	59.5	73.9	89.0	101.1	112.9	125.2	138.0	168.3	205.9	246.1
-82.5°	36.5	43.5	51.5	60.3	66.4	72.3	78.9	87.3	109.8	135.2	162.0
-85°	25.2	27.2	31.5	36.4	39.8	43.2	46.8	50.4	62.5	76.0	90.6
-87.5°	21.7	22.7	23.9	25.1	25.6	26.0	26.4	26.8	30.8	35.1	39.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	24.3	25.8	27.3	28.8	30.3	31.8	33.4	34.9	36.4	36.4	36.4
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°	0.5	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.8	3.1	3.2	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	6.4	6.1	4.6	3.0	1.4	2.3	3.7	4.4	4.4	4.0	3.1
62.5°	9.6	8.8	8.0	9.2	11.0	12.7	12.2	11.6	10.8	10.2	10.6
60°	35.9	23.9	27.6	34.7	32.4	22.2	36.5	41.4	35.2	24.1	23.3
57.5°	90.9	87.8	100.6	146.9	161.7	147.3	176.0	213.7	212.5	183.0	182.1
55°	193.8	259.9	339.8	352.8	408.4	519.9	606.6	568.6	568.3	596.9	689.1
52.5°	368.0	430.5	453.7	515.8	632.0	716.4	770.6	826.7	888.2	950.9	1014.5
50°	540.0	600.6	669.5	733.1	894.0	980.6	966.2	1082.4	1231.1	1324.0	1371.7
47.5°	792.1	887.7	1033.2	1261.2	1381.3	1468.2	1576.1	1707.8	1878.1	2109.2	2287.3
45°	1088.9	1239.3	1464.4	1706.6	1893.0	1977.9	2101.4	2305.3	2577.0	2841.5	3034.7
42.5°	1331.6	1537.8	1791.7	2023.2	2175.2	2314.6	2474.6	2646.5	2957.7	3240.3	3463.6
40°	1648.1	1808.7	2093.7	2311.9	2447.9	2586.2	2839.7	3097.0	3389.6	3652.9	3835.9
37.5°	2049.4	2230.2	2526.6	2773.3	2904.4	2953.2	3384.2	3742.4	3980.3	4316.4	4426.3
35°	2480.5	2778.0	3155.8	3475.7	3604.2	3860.5	4304.5	4804.3	5345.8	5545.0	5714.8
32.5°	2961.4	3328.5	3841.0	4184.4	4367.7	4756.7	5318.7	5852.1	6560.3	6944.6	7059.4
30°	3401.4	3822.6	4263.1	4596.9	4910.2	5378.8	5891.3	6549.1	7203.8	7695.2	7847.8
27.5°	3724.2	4190.3	4613.8	4926.4	5280.0	5785.2	6424.2	7090.3	7733.1	8234.4	8412.5
25°	4032.4	4559.3	4894.6	5258.0	5673.2	6223.8	6931.9	7672.1	8305.1	8728.8	8947.2
22.5°	4383.0	4902.5	5262.5	5570.3	6113.1	6747.6	7404.9	8241.2	8911.9	9250.0	9486.8
20°	4744.8	5332.6	5888.6	6175.0	6644.7	7447.9	8183.8	8973.4	9621.0	9973.3	10222.8
17.5°	5249.7	5998.7	6680.7	7086.1	7589.1	8549.6	9467.8	10266.5	11167.5	11485.7	11790.5
15°	5782.0	6649.0	7447.8	8090.1	8739.9	9691.5	10873.5	11837.4	12865.4	13324.5	13843.5
12.5°	6312.7	7133.1	7856.8	8685.4	9601.2	10443.0	11568.3	12768.5	13701.3	14286.8	14636.3
10°	6709.3	7471.3	8167.8	8998.3	9912.4	10864.6	11982.8	13213.1	14189.7	14689.3	14974.5
7.5°	6923.5	7652.8	8387.4	9229.0	10139.0	11153.2	12305.2	13525.9	14524.4	15008.4	15290.1
5°	7082.5	7782.9	8543.6	9429.5	10349.7	11378.0	12528.4	13734.5	14645.0	15159.5	15515.6
2.5°	7178.7	7865.4	8643.1	9559.2	10481.5	11552.5	12758.6	14008.8	14805.4	15219.3	15546.8
0°	7206.6	7898.2	8698.9	9627.1	10573.4	11653.2	12848.2	14085.7	14892.5	15292.9	15626.5
-2.5°	7238.0	7950.0	8772.8	9671.1	10609.4	11686.1	12906.0	14111.8	14837.6	15241.5	15558.9
-5°	7216.2	7954.1	8774.3	9634.7	10579.2	11647.3	12818.3	13945.8	14705.1	15141.8	15457.4
-7.5°	7150.9	7899.3	8711.0	9537.9	10464.4	11544.6	12710.8	13796.5	14565.5	15026.1	15371.5
-10°	7055.9	7782.5	8599.8	9437.2	10352.6	11380.9	12529.1	13608.3	14344.3	14833.4	15235.9
-12.5°	6950.5	7662.1	8449.9	9253.1	10158.4	11174.0	12286.5	13308.1	14039.9	14573.3	14860.9
-15°	6794.5	7505.6	8258.8	9035.7	9918.1	10903.4	11966.1	12946.2	13664.8	14098.8	14416.7
-17.5°	6596.0	7293.7	8007.7	8744.7	9576.0	10546.3	11615.5	12582.1	13167.9	13555.5	13867.9
-20°	6383.4	7028.6	7705.1	8400.5	9206.3	10167.5	11217.5	12060.6	12612.7	12985.2	13280.2



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6140.5	6761.9	7381.1	8045.9	8836.0	9717.3	10644.7	11459.5	12053.0	12392.3	12664.9
-25°	5863.4	6467.8	7055.8	7697.9	8424.0	9216.2	10078.5	10879.2	11410.8	11771.2	12041.5
-27.5°	5564.8	6132.7	6707.1	7283.6	7936.5	8725.7	9524.4	10268.2	10722.0	11085.2	11357.1
-30°	5266.9	5777.6	6309.1	6854.9	7467.6	8179.2	8926.2	9551.7	10030.3	10383.2	10635.7
-32.5°	4943.9	5428.7	5899.5	6409.6	6986.5	7613.6	8269.2	8864.2	9375.6	9698.8	9911.6
-35°	4613.2	5082.4	5513.4	5976.4	6485.2	7026.5	7631.6	8218.4	8723.4	8979.2	9186.6
-37.5°	4268.7	4736.6	5145.1	5532.0	5970.3	6471.5	7060.9	7620.8	8057.0	8276.9	8463.9
-40°	3969.1	4381.0	4748.8	5118.9	5475.3	5920.5	6470.5	7012.5	7362.6	7576.8	7750.4
-42.5°	3678.4	4025.8	4326.9	4658.7	5015.4	5454.2	5898.1	6352.6	6634.0	6871.8	7054.6
-45°	3339.6	3650.2	3932.6	4208.6	4533.9	4934.5	5337.6	5701.7	5965.2	6195.1	6373.2
-47.5°	2965.1	3264.9	3539.1	3785.8	4088.2	4422.3	4761.7	5064.7	5325.0	5552.1	5711.0
-50°	2616.0	2883.8	3151.6	3401.3	3663.3	3933.6	4209.0	4474.9	4721.9	4942.6	5077.8
-52.5°	2303.2	2550.4	2784.4	3002.7	3232.0	3460.3	3688.4	3931.9	4159.2	4368.1	4476.1
-55°	2020.2	2243.1	2454.3	2638.2	2822.1	3003.3	3198.7	3423.6	3632.9	3826.4	3903.9
-57.5°	1766.2	1957.0	2143.8	2299.4	2449.5	2593.6	2765.2	2955.0	3138.2	3304.0	3367.4
-60°	1532.6	1683.9	1840.2	1978.2	2109.1	2232.6	2382.3	2535.1	2683.6	2808.7	2862.7
-62.5°	1317.7	1447.2	1565.6	1677.7	1788.5	1899.8	2020.5	2141.8	2261.8	2358.1	2406.8
-65°	1110.5	1213.5	1308.7	1400.9	1490.4	1583.8	1678.4	1770.5	1859.3	1928.2	1970.4
-67.5°	915.9	994.3	1069.8	1141.7	1216.5	1292.3	1366.3	1436.8	1503.5	1556.7	1597.2
-70°	743.5	804.1	863.3	922.8	985.3	1044.2	1099.9	1152.6	1202.3	1240.7	1271.8
-72.5°	599.3	648.5	699.5	753.1	803.7	847.7	887.7	926.3	963.3	984.9	1001.1
-75°	483.2	524.6	569.0	612.3	654.6	688.0	717.4	745.9	773.3	774.7	769.2
-77.5°	390.3	427.3	461.7	495.8	529.5	550.1	568.1	586.7	605.4	594.6	577.4
-80°	286.5	317.3	346.5	375.8	405.1	417.3	425.8	433.2	439.4	425.3	407.7
-82.5°	190.1	209.6	228.5	247.8	267.4	275.2	281.0	285.8	289.6	276.8	262.1
-85°	106.1	115.4	124.6	133.8	143.1	148.6	153.6	158.2	162.4	154.8	146.1
-87.5°	44.1	46.2	48.3	50.3	52.3	54.3	56.2	58.0	59.9	60.1	60.3
-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: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	34.9
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°	1.8	0.3	0.0	0.0	0.0	0.3	1.8	3.1	4.0	4.4	4.4
62.5°	11.1	11.6	12.0	12.1	12.0	11.6	11.1	10.6	10.2	10.8	11.6
60°	21.4	18.8	18.1	18.2	18.1	18.8	21.4	23.3	24.1	35.2	41.4
57.5°	168.1	143.9	147.6	163.8	147.6	143.9	168.1	182.1	183.0	212.5	213.7
55°	785.9	877.3	909.6	891.7	909.6	877.3	785.9	689.1	596.9	568.3	568.6
52.5°	1064.8	1102.2	1116.7	1116.2	1116.7	1102.2	1064.8	1014.5	950.9	888.2	826.7
50°	1386.2	1373.5	1354.0	1334.6	1354.0	1373.5	1386.2	1371.7	1324.0	1231.1	1082.4
47.5°	2313.4	2273.3	2256.4	2287.0	2256.4	2273.3	2313.4	2287.3	2109.2	1878.1	1707.8
45°	3074.2	3121.1	3156.2	3154.4	3156.2	3121.1	3074.2	3034.7	2841.5	2577.0	2305.3
42.5°	3507.4	3532.4	3539.6	3530.5	3539.6	3532.4	3507.4	3463.6	3240.3	2957.7	2646.5
40°	3893.4	3923.2	3940.0	3955.2	3940.0	3923.2	3893.4	3835.9	3652.9	3389.6	3097.0
37.5°	4462.5	4473.5	4449.7	4434.4	4449.7	4473.5	4462.5	4426.3	4316.4	3980.3	3742.4
35°	5858.0	5886.5	5820.3	5890.3	5820.3	5886.5	5858.0	5714.8	5545.0	5345.8	4804.3
32.5°	7196.2	7330.2	7438.6	7528.2	7438.6	7330.2	7196.2	7059.4	6944.6	6560.3	5852.1
30°	7954.3	8040.7	8087.1	8098.4	8087.1	8040.7	7954.3	7847.8	7695.2	7203.8	6549.1
27.5°	8510.9	8601.5	8657.9	8698.9	8657.9	8601.5	8510.9	8412.5	8234.4	7733.1	7090.3
25°	9047.3	9130.2	9186.6	9208.5	9186.6	9130.2	9047.3	8947.2	8728.8	8305.1	7672.1
22.5°	9604.0	9661.6	9715.7	9742.3	9715.7	9661.6	9604.0	9486.8	9250.0	8911.9	8241.2
20°	10402.0	10370.8	10420.1	10403.5	10420.1	10370.8	10402.0	10222.8	9973.3	9621.0	8973.4
17.5°	12028.2	12045.1	12078.1	12132.4	12078.1	12045.1	12028.2	11790.5	11485.7	11167.5	10266.5
15°	14073.4	14114.6	14323.8	14510.3	14323.8	14114.6	14073.4	13843.5	13324.5	12865.4	11837.4
12.5°	14960.6	15102.9	15125.1	15177.6	15125.1	15102.9	14960.6	14636.3	14286.8	13701.3	12768.5
10°	15256.6	15503.2	15497.9	15559.8	15497.9	15503.2	15256.6	14974.5	14689.3	14189.7	13213.1
7.5°	15481.2	15746.0	15858.0	15905.6	15858.0	15746.0	15481.2	15290.1	15008.4	14524.4	13525.9
5°	15755.4	15901.1	16094.3	16039.0	16094.3	15901.1	15755.4	15515.6	15159.5	14645.0	13734.5
2.5°	15870.4	16098.6	16045.9	16099.7	16045.9	16098.6	15870.4	15546.8	15219.3	14805.4	14008.8
0°	15948.0	16111.8	16136.1	16190.7	16136.1	16111.8	15948.0	15626.5	15292.9	14892.5	14085.7
-2.5°	15854.0	15998.1	16250.5	16172.5	16250.5	15998.1	15854.0	15558.9	15241.5	14837.6	14111.8
-5°	15771.5	16126.3	15988.5	16160.4	15988.5	16126.3	15771.5	15457.4	15141.8	14705.1	13945.8
-7.5°	15728.9	15792.4	15883.8	16014.8	15883.8	15792.4	15728.9	15371.5	15026.1	14565.5	13796.5
-10°	15399.6	15464.6	15632.5	15723.6	15632.5	15464.6	15399.6	15235.9	14833.4	14344.3	13608.3
-12.5°	15042.6	15168.2	15344.7	15402.1	15344.7	15168.2	15042.6	14860.9	14573.3	14039.9	13308.1
-15°	14631.2	14817.9	14989.9	15026.0	14989.9	14817.9	14631.2	14416.7	14098.8	13664.8	12946.2
-17.5°	14108.1	14331.9	14512.7	14552.8	14512.7	14331.9	14108.1	13867.9	13555.5	13167.9	12582.1
-20°	13531.8	13746.2	13899.9	13946.2	13899.9	13746.2	13531.8	13280.2	12985.2	12612.7	12060.6



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12914.8	13107.7	13237.7	13218.2	13237.7	13107.7	12914.8	12664.9	12392.3	12053.0	11459.5
-25°	12259.6	12438.7	12562.5	12544.9	12562.5	12438.7	12259.6	12041.5	11771.2	11410.8	10879.2
-27.5°	11567.0	11736.6	11855.6	11859.4	11855.6	11736.6	11567.0	11357.1	11085.2	10722.0	10268.2
-30°	10839.2	10993.3	11089.9	11052.6	11089.9	10993.3	10839.2	10635.7	10383.2	10030.3	9551.7
-32.5°	10088.6	10228.0	10316.5	10342.9	10316.5	10228.0	10088.6	9911.6	9698.8	9375.6	8864.2
-35°	9348.2	9471.1	9547.5	9566.4	9547.5	9471.1	9348.2	9186.6	8979.2	8723.4	8218.4
-37.5°	8612.5	8718.3	8771.7	8747.5	8771.7	8718.3	8612.5	8463.9	8276.9	8057.0	7620.8
-40°	7885.5	7986.2	8047.4	8062.0	8047.4	7986.2	7885.5	7750.4	7576.8	7362.6	7012.5
-42.5°	7170.8	7254.5	7308.2	7334.0	7308.2	7254.5	7170.8	7054.6	6871.8	6634.0	6352.6
-45°	6477.2	6552.0	6602.4	6630.4	6602.4	6552.0	6477.2	6373.2	6195.1	5965.2	5701.7
-47.5°	5802.2	5867.8	5911.3	5932.7	5911.3	5867.8	5802.2	5711.0	5552.1	5325.0	5064.7
-50°	5156.9	5213.7	5254.3	5277.6	5254.3	5213.7	5156.9	5077.8	4942.6	4721.9	4474.9
-52.5°	4544.9	4594.5	4629.1	4646.7	4629.1	4594.5	4544.9	4476.1	4368.1	4159.2	3931.9
-55°	3960.4	4000.7	4032.6	4052.2	4032.6	4000.7	3960.4	3903.9	3826.4	3632.9	3423.6
-57.5°	3415.4	3448.3	3478.6	3500.2	3478.6	3448.3	3415.4	3367.4	3304.0	3138.2	2955.0
-60°	2905.3	2936.3	2962.1	2978.5	2962.1	2936.3	2905.3	2862.7	2808.7	2683.6	2535.1
-62.5°	2444.9	2472.4	2496.0	2511.4	2496.0	2472.4	2444.9	2406.8	2358.1	2261.8	2141.8
-65°	2003.7	2028.3	2045.9	2056.4	2045.9	2028.3	2003.7	1970.4	1928.2	1859.3	1770.5
-67.5°	1631.6	1660.0	1665.7	1662.1	1665.7	1660.0	1631.6	1597.2	1556.7	1503.5	1436.8
-70°	1299.6	1323.6	1329.3	1328.5	1329.3	1323.6	1299.6	1271.8	1240.7	1202.3	1152.6
-72.5°	1016.1	1029.2	1018.1	1000.9	1018.1	1029.2	1016.1	1001.1	984.9	963.3	926.3
-75°	762.5	754.2	742.4	727.9	742.4	754.2	762.5	769.2	774.7	773.3	745.9
-77.5°	558.5	537.8	524.3	509.6	524.3	537.8	558.5	577.4	594.6	605.4	586.7
-80°	388.8	368.6	354.6	339.7	354.6	368.6	388.8	407.7	425.3	439.4	433.2
-82.5°	246.3	229.6	221.2	212.3	221.2	229.6	246.3	262.1	276.8	289.6	285.8
-85°	136.8	127.0	121.3	115.3	121.3	127.0	136.8	146.1	154.8	162.4	158.2
-87.5°	60.5	60.6	57.6	54.6	57.6	60.6	60.5	60.3	60.1	59.9	58.0
-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: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	33.4	31.8	30.3	28.8	27.3	25.8	24.3	22.8	21.3	19.7	18.2
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	0.2	0.2	0.0	0.0	0.5	0.8	0.3	0.0	0.6
67.5°	0.0	0.0	1.1	2.5	3.2	3.1	2.8	3.1	3.6	3.3	3.1
65°	3.7	2.3	1.4	3.0	4.6	6.1	6.4	5.6	5.5	6.3	7.5
62.5°	12.2	12.7	11.0	9.2	8.0	8.8	9.6	10.3	9.0	7.2	9.5
60°	36.5	22.2	32.4	34.7	27.6	23.9	35.9	34.1	17.8	15.3	13.8
57.5°	176.0	147.3	161.7	146.9	100.6	87.8	90.9	86.7	78.5	48.1	20.5
55°	606.6	519.9	408.4	352.8	339.8	259.9	193.8	161.7	146.7	105.8	70.1
52.5°	770.6	716.4	632.0	515.8	453.7	430.5	368.0	294.4	233.9	187.0	134.3
50°	966.2	980.6	894.0	733.1	669.5	600.6	540.0	454.9	378.3	303.4	223.9
47.5°	1576.1	1468.2	1381.3	1261.2	1033.2	887.7	792.1	652.6	547.5	457.0	358.9
45°	2101.4	1977.9	1893.0	1706.6	1464.4	1239.3	1088.9	914.1	728.1	606.9	518.0
42.5°	2474.6	2314.6	2175.2	2023.2	1791.7	1537.8	1331.6	1158.6	963.1	766.6	648.2
40°	2839.7	2586.2	2447.9	2311.9	2093.7	1808.7	1648.1	1394.2	1190.0	972.2	810.6
37.5°	3384.2	2953.2	2904.4	2773.3	2526.6	2230.2	2049.4	1798.9	1420.2	1214.8	1029.1
35°	4304.5	3860.5	3604.2	3475.7	3155.8	2778.0	2480.5	2246.5	1870.8	1466.3	1252.2
32.5°	5318.7	4756.7	4367.7	4184.4	3841.0	3328.5	2961.4	2663.8	2286.7	1829.1	1485.7
30°	5891.3	5378.8	4910.2	4596.9	4263.1	3822.6	3401.4	2981.2	2571.8	2193.1	1738.6
27.5°	6424.2	5785.2	5280.0	4926.4	4613.8	4190.3	3724.2	3273.9	2824.0	2449.8	2044.4
25°	6931.9	6223.8	5673.2	5258.0	4894.6	4559.3	4032.4	3540.4	3071.1	2657.5	2340.5
22.5°	7404.9	6747.6	6113.1	5570.3	5262.5	4902.5	4383.0	3787.0	3328.5	2980.7	2607.5
20°	8183.8	7447.9	6644.7	6175.0	5888.6	5332.6	4744.8	4155.5	3734.4	3336.1	2897.2
17.5°	9467.8	8549.6	7589.1	7086.1	6680.7	5998.7	5249.7	4665.0	4139.3	3695.4	3212.4
15°	10873.5	9691.5	8739.9	8090.1	7447.8	6649.0	5782.0	5150.3	4553.0	4053.6	3502.0
12.5°	11568.3	10443.0	9601.2	8685.4	7856.8	7133.1	6312.7	5616.2	4938.2	4287.5	3681.3
10°	11982.8	10864.6	9912.4	8998.3	8167.8	7471.3	6709.3	5884.2	5131.0	4442.3	3830.7
7.5°	12305.2	11153.2	10139.0	9229.0	8387.4	7652.8	6923.5	6058.4	5285.1	4567.5	3950.6
5°	12528.4	11378.0	10349.7	9429.5	8543.6	7782.9	7082.5	6190.3	5400.0	4662.5	4041.6
2.5°	12758.6	11552.5	10481.5	9559.2	8643.1	7865.4	7178.7	6291.1	5493.3	4732.9	4117.6
0°	12848.2	11653.2	10573.4	9627.1	8698.9	7898.2	7206.6	6357.4	5556.6	4774.1	4167.5
-2.5°	12906.0	11686.1	10609.4	9671.1	8772.8	7950.0	7238.0	6431.7	5576.7	4818.5	4181.5
-5°	12818.3	11647.3	10579.2	9634.7	8774.3	7954.1	7216.2	6442.7	5571.7	4830.3	4170.7
-7.5°	12710.8	11544.6	10464.4	9537.9	8711.0	7899.3	7150.9	6394.5	5552.6	4810.9	4150.1
-10°	12529.1	11380.9	10352.6	9437.2	8599.8	7782.5	7055.9	6303.0	5490.5	4755.9	4101.9
-12.5°	12286.5	11174.0	10158.4	9253.1	8449.9	7662.1	6950.5	6176.5	5384.7	4664.2	4025.6
-15°	11966.1	10903.4	9918.1	9035.7	8258.8	7505.6	6794.5	6036.5	5281.6	4551.2	3921.0
-17.5°	11615.5	10546.3	9576.0	8744.7	8007.7	7293.7	6596.0	5889.6	5162.7	4445.1	3826.7
-20°	11217.5	10167.5	9206.3	8400.5	7705.1	7028.6	6383.4	5725.2	4997.6	4323.1	3727.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10644.7	9717.3	8836.0	8045.9	7381.1	6761.9	6140.5	5504.1	4783.6	4170.3	3593.2
-25°	10078.5	9216.2	8424.0	7697.9	7055.8	6467.8	5863.4	5232.5	4593.2	3990.9	3428.6
-27.5°	9524.4	8725.7	7936.5	7283.6	6707.1	6132.7	5564.8	4968.0	4379.3	3789.0	3273.9
-30°	8926.2	8179.2	7467.6	6854.9	6309.1	5777.6	5266.9	4709.6	4130.5	3570.2	3107.0
-32.5°	8269.2	7613.6	6986.5	6409.6	5899.5	5428.7	4943.9	4415.7	3843.4	3365.8	2913.8
-35°	7631.6	7026.5	6485.2	5976.4	5513.4	5082.4	4613.2	4084.2	3581.7	3133.5	2695.8
-37.5°	7060.9	6471.5	5970.3	5532.0	5145.1	4736.6	4268.7	3799.3	3326.9	2875.0	2493.0
-40°	6470.5	5920.5	5475.3	5118.9	4748.8	4381.0	3969.1	3532.7	3066.6	2625.2	2294.0
-42.5°	5898.1	5454.2	5015.4	4658.7	4326.9	4025.8	3678.4	3237.8	2809.3	2425.8	2107.6
-45°	5337.6	4934.5	4533.9	4208.6	3932.6	3650.2	3339.6	2939.2	2554.3	2225.1	1924.9
-47.5°	4761.7	4422.3	4088.2	3785.8	3539.1	3264.9	2965.1	2625.8	2310.4	2013.8	1747.9
-50°	4209.0	3933.6	3663.3	3401.3	3151.6	2883.8	2616.0	2342.1	2060.7	1802.2	1560.9
-52.5°	3688.4	3460.3	3232.0	3002.7	2784.4	2550.4	2303.2	2059.7	1812.1	1596.1	1380.6
-55°	3198.7	3003.3	2822.1	2638.2	2454.3	2243.1	2020.2	1800.8	1603.3	1404.8	1229.2
-57.5°	2765.2	2593.6	2449.5	2299.4	2143.8	1957.0	1766.2	1580.8	1416.9	1252.7	1090.1
-60°	2382.3	2232.6	2109.1	1978.2	1840.2	1683.9	1532.6	1385.7	1244.1	1110.0	970.0
-62.5°	2020.5	1899.8	1788.5	1677.7	1565.6	1447.2	1317.7	1199.2	1089.4	976.5	849.9
-65°	1678.4	1583.8	1490.4	1400.9	1308.7	1213.5	1110.5	1016.8	927.0	835.4	726.0
-67.5°	1366.3	1292.3	1216.5	1141.7	1069.8	994.3	915.9	837.8	764.7	689.9	601.0
-70°	1099.9	1044.2	985.3	922.8	863.3	804.1	743.5	680.3	613.4	552.4	491.6
-72.5°	887.7	847.7	803.7	753.1	699.5	648.5	599.3	550.0	499.3	447.1	394.0
-75°	717.4	688.0	654.6	612.3	569.0	524.6	483.2	440.8	394.4	343.7	294.4
-77.5°	568.1	550.1	529.5	495.8	461.7	427.3	390.3	344.1	296.9	250.2	209.4
-80°	425.8	417.3	405.1	375.8	346.5	317.3	286.5	246.1	205.9	168.3	138.0
-82.5°	281.0	275.2	267.4	247.8	228.5	209.6	190.1	162.0	135.2	109.8	87.3
-85°	153.6	148.6	143.1	133.8	124.6	115.4	106.1	90.6	76.0	62.5	50.4
-87.5°	56.2	54.3	52.3	50.3	48.3	46.2	44.1	39.5	35.1	30.8	26.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	16.7	15.2	13.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.0	3.2
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	1.0	1.8
82.5°	0.0	0.0	0.0	0.1	1.0	1.6	1.8	1.6	0.9	0.1	0.5
80°	0.0	0.0	0.0	0.2	1.5	3.3	4.0	4.2	3.2	2.2	1.2
77.5°	0.0	0.0	0.0	0.1	0.6	1.8	3.5	5.5	5.5	4.3	3.0
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.3	3.2	5.0	6.0	4.8
72.5°	0.0	0.0	0.0	0.8	1.6	1.7	1.0	1.1	3.5	5.2	6.0
70°	0.9	0.3	0.0	1.0	2.5	3.7	3.5	2.8	2.3	4.5	5.8
67.5°	2.9	3.1	2.3	1.7	2.8	4.2	5.7	5.4	4.7	4.0	5.6
65°	7.1	6.6	6.0	5.3	4.6	4.5	5.9	7.5	7.1	6.1	5.6
62.5°	10.6	10.5	9.7	8.9	7.9	6.9	6.4	8.4	9.2	8.2	6.9
60°	13.6	14.2	13.6	12.4	11.2	9.9	9.0	9.5	10.6	10.2	8.7
57.5°	18.9	18.4	18.1	16.4	14.5	12.9	12.2	11.9	12.2	12.0	10.5
55°	33.3	23.2	23.3	21.5	18.5	16.0	15.3	14.7	14.1	13.8	12.3
52.5°	84.3	46.8	30.0	27.7	24.1	19.8	18.4	17.6	16.7	15.8	14.0
50°	155.6	100.8	57.1	35.8	30.5	26.0	21.6	20.5	19.3	18.0	15.8
47.5°	249.0	173.2	112.6	56.4	39.4	32.5	27.0	23.3	21.8	20.3	17.5
45°	383.6	255.2	176.9	111.8	52.4	44.8	33.4	26.1	24.4	22.4	19.1
42.5°	533.7	374.4	248.2	168.9	100.2	62.1	39.9	31.7	26.9	24.7	21.0
40°	680.9	517.5	333.4	232.8	151.2	83.2	57.5	37.8	29.4	27.1	23.1
37.5°	843.9	668.8	467.1	301.1	203.2	127.0	78.8	44.1	33.4	29.6	25.2
35°	1045.3	836.6	600.9	401.1	269.1	167.7	102.4	56.1	41.0	32.2	27.4
32.5°	1246.5	1004.2	745.4	517.5	337.9	205.2	133.3	80.0	50.0	35.0	29.7
30°	1449.0	1157.7	881.5	625.1	417.2	265.3	166.5	103.3	60.2	37.9	32.0
27.5°	1631.3	1302.5	1008.9	737.6	510.2	328.8	201.2	125.9	71.6	42.9	34.3
25°	1837.2	1459.1	1134.3	845.2	595.2	395.0	236.8	148.0	88.2	51.7	36.7
22.5°	2102.2	1619.9	1250.5	942.7	679.4	458.3	282.7	177.2	106.4	60.9	39.1
20°	2365.7	1777.1	1364.3	1064.8	770.9	529.6	335.6	206.2	123.8	70.5	41.4
17.5°	2624.3	1978.4	1530.0	1189.6	868.9	596.2	385.1	234.7	140.1	80.3	43.8
15°	2856.1	2209.1	1692.8	1307.6	964.8	657.9	430.9	262.4	155.4	90.1	46.9
12.5°	3050.8	2407.9	1846.1	1418.1	1057.2	714.2	472.7	289.0	169.6	101.1	51.1
10°	3211.6	2576.1	1988.3	1520.1	1144.5	764.8	510.4	315.6	186.1	112.6	55.5
7.5°	3340.1	2715.0	2117.6	1612.8	1223.7	812.2	550.9	343.6	202.1	123.7	60.0
5°	3436.8	2823.4	2217.5	1679.2	1286.6	855.8	588.3	369.3	217.0	134.0	64.5
2.5°	3499.6	2903.2	2291.6	1731.3	1337.9	892.4	621.2	392.4	230.5	143.4	68.8
0°	3536.6	2960.3	2347.6	1771.3	1377.0	922.1	649.1	412.5	242.6	151.7	72.8
-2.5°	3569.7	2997.7	2396.5	1841.1	1403.9	970.8	666.9	430.6	261.8	157.7	80.2
-5°	3580.6	3014.2	2428.6	1894.9	1420.1	1010.2	679.4	445.3	278.6	162.6	87.0
-7.5°	3562.2	3004.3	2439.8	1925.4	1427.7	1038.0	686.7	456.9	292.3	166.3	92.9
-10°	3521.1	2971.8	2425.0	1916.2	1438.0	1046.7	690.9	465.4	302.2	169.1	97.8
-12.5°	3460.3	2922.7	2393.1	1895.9	1436.2	1041.2	702.4	472.0	307.4	171.1	101.4
-15°	3380.6	2858.4	2344.4	1865.8	1418.9	1028.6	705.2	474.4	306.9	174.6	103.7
-17.5°	3286.8	2780.5	2279.1	1827.5	1385.3	1009.8	698.9	471.5	303.8	179.8	105.9
-20°	3192.8	2693.9	2201.6	1782.3	1334.5	985.3	682.6	462.8	298.2	183.2	108.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3082.7	2594.5	2134.7	1719.1	1279.6	955.8	656.0	448.1	290.2	184.7	109.0
-25°	2956.2	2478.5	2054.1	1632.3	1236.4	922.4	628.6	427.1	279.9	184.2	108.7
-27.5°	2813.1	2354.5	1959.4	1537.3	1191.4	875.8	602.5	411.8	271.1	181.5	107.1
-30°	2653.6	2237.8	1846.0	1445.9	1136.5	825.4	568.5	394.6	267.2	178.2	104.1
-32.5°	2481.6	2106.3	1724.2	1376.3	1074.0	773.1	538.4	375.1	260.5	173.8	104.2
-35°	2320.2	1963.3	1599.8	1295.9	1007.7	742.1	518.3	353.5	251.1	167.8	104.8
-37.5°	2147.5	1813.3	1501.4	1212.0	937.9	706.5	502.0	343.8	238.9	160.1	104.4
-40°	1981.2	1671.1	1387.5	1132.1	886.3	666.4	476.4	333.0	227.2	150.6	103.0
-42.5°	1813.0	1537.4	1278.5	1045.2	837.5	627.6	443.6	316.5	217.9	145.2	100.6
-45°	1658.2	1399.3	1162.5	969.4	783.4	578.0	418.3	295.8	206.3	141.3	98.5
-47.5°	1495.4	1258.6	1056.5	886.4	712.6	524.1	386.2	279.4	192.4	136.2	97.1
-50°	1327.4	1125.5	957.4	795.1	625.9	479.1	351.9	260.0	187.4	132.2	94.7
-52.5°	1180.4	1008.5	856.0	701.3	560.5	426.5	325.9	239.1	180.7	128.8	91.3
-55°	1053.8	897.2	756.1	624.5	498.2	387.8	296.5	229.1	172.5	124.6	87.2
-57.5°	941.9	794.1	674.2	555.9	446.2	350.5	275.7	217.3	163.9	118.7	83.6
-60°	833.1	711.8	599.7	494.3	397.7	318.3	259.5	203.6	153.7	111.3	79.4
-62.5°	732.5	625.7	528.2	433.0	354.2	292.1	241.0	187.8	141.6	102.0	74.0
-65°	627.0	536.0	453.6	378.8	314.7	261.4	217.0	169.8	125.6	90.9	67.0
-67.5°	517.4	450.6	386.3	323.9	271.6	226.9	189.5	145.9	107.0	78.0	58.9
-70°	430.9	372.1	317.5	268.7	226.0	189.5	154.9	117.9	86.3	66.8	50.2
-72.5°	343.0	295.1	250.4	211.5	181.0	150.0	118.6	90.3	71.5	55.1	41.0
-75°	253.9	221.5	192.4	165.3	137.9	110.8	90.4	71.8	56.3	42.9	34.6
-77.5°	184.3	160.9	139.4	122.3	103.4	85.4	68.2	52.6	42.7	35.6	29.1
-80°	125.2	112.9	101.1	89.0	73.9	59.5	49.2	40.5	34.4	28.7	23.4
-82.5°	78.9	72.3	66.4	60.3	51.5	43.5	36.5	30.6	26.0	21.6	19.0
-85°	46.8	43.2	39.8	36.4	31.5	27.2	25.2	23.3	21.3	19.3	17.3
-87.5°	26.4	26.0	25.6	25.1	23.9	22.7	21.7	20.8	19.0	17.2	15.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.6



REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12.1	10.6	9.1	7.6	6.1	6.1	6.1
87.5°	4.5	5.1	5.6	5.9	6.1	6.1	6.1
85°	3.0	4.1	5.0	5.7	6.1	6.1	6.1
82.5°	1.4	3.2	4.5	5.5	6.1	6.1	6.1
80°	0.3	2.3	4.1	5.3	6.1	6.1	6.1
77.5°	1.9	2.0	3.6	5.2	6.1	6.1	6.1
75°	3.4	3.0	3.3	5.0	6.1	6.1	6.1
72.5°	4.9	4.0	3.9	4.9	6.1	6.1	6.1
70°	6.1	4.9	4.4	4.9	6.1	6.1	6.1
67.5°	6.3	5.7	4.9	5.1	6.1	6.1	6.1
65°	6.5	6.3	5.3	5.3	6.1	6.1	6.1
62.5°	6.8	6.8	5.7	5.5	6.1	6.1	6.1
60°	7.2	7.3	6.1	5.6	6.1	6.1	6.1
57.5°	8.6	7.9	6.7	5.8	6.2	6.1	6.1
55°	10.2	8.5	7.3	5.9	6.3	6.1	6.1
52.5°	11.7	9.3	7.9	6.0	6.4	6.1	6.1
50°	13.2	10.5	8.6	6.1	6.5	6.1	6.1
47.5°	14.6	11.7	9.3	6.2	6.7	6.1	6.1
45°	16.0	12.9	10.0	6.8	6.8	6.1	6.1
42.5°	17.4	14.1	10.7	7.3	7.0	6.1	6.1
40°	18.8	15.2	11.6	8.1	7.2	6.1	6.1
37.5°	20.1	16.3	12.4	8.9	7.5	6.1	6.1
35°	21.4	17.3	13.3	9.7	7.7	6.1	6.1
32.5°	22.8	18.4	14.1	10.4	8.0	6.1	6.1
30°	24.6	19.4	14.9	11.2	8.3	6.1	6.1
27.5°	26.4	20.3	15.8	11.9	8.6	6.1	6.1
25°	28.2	21.2	16.8	12.6	8.9	6.1	6.1
22.5°	30.0	22.1	17.7	13.3	9.2	6.1	6.1
20°	31.7	23.2	18.6	14.0	9.6	6.1	6.1
17.5°	33.4	24.3	19.5	14.6	9.9	6.1	6.1
15°	35.1	25.3	20.3	15.2	10.2	6.1	6.1
12.5°	36.7	26.3	21.0	15.8	10.6	6.1	6.1
10°	38.1	27.2	21.8	16.3	10.9	6.1	6.1
7.5°	39.4	28.0	22.5	16.8	11.2	6.1	6.1
5°	40.6	28.9	23.1	17.3	11.5	6.1	6.1
2.5°	41.6	29.6	23.7	17.8	11.8	6.1	6.1
0°	42.5	30.3	24.3	18.2	12.1	6.1	6.1
-2.5°	44.9	30.9	24.8	18.2	12.1	6.1	6.1
-5°	47.0	31.5	25.2	18.1	12.1	6.1	6.1
-7.5°	48.9	32.1	25.6	18.0	12.0	6.1	6.1
-10°	50.5	32.5	25.9	17.9	11.9	6.1	6.1
-12.5°	51.6	32.9	26.1	17.8	11.8	6.1	6.1
-15°	52.4	33.3	26.2	17.6	11.7	6.1	6.1
-17.5°	52.6	33.5	26.1	17.3	11.5	6.1	6.1
-20°	54.0	33.7	25.9	17.1	11.4	6.1	6.1

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REPORT NUMBER: P627820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.5	33.9	25.6	16.8	11.2	6.1	6.1
-25°	60.3	36.1	25.2	16.5	11.0	6.1	6.1
-27.5°	62.5	38.9	24.6	16.1	10.7	6.1	6.1
-30°	64.0	41.3	24.0	15.7	10.5	6.1	6.1
-32.5°	64.8	43.3	24.8	15.3	10.2	6.1	6.1
-35°	66.6	44.9	25.5	14.9	9.9	6.1	6.1
-37.5°	68.3	45.9	25.9	14.4	9.6	6.1	6.1
-40°	69.4	46.3	26.1	13.9	9.3	6.1	6.1
-42.5°	69.8	46.3	26.3	13.6	8.9	6.1	6.1
-45°	69.4	46.0	26.4	13.7	8.6	6.1	6.1
-47.5°	68.4	45.3	26.2	13.6	8.2	6.1	6.1
-50°	66.9	44.2	25.8	13.4	7.8	6.1	6.1
-52.5°	65.1	42.8	25.0	13.2	7.4	6.1	6.1
-55°	62.7	41.1	23.9	12.8	7.0	6.1	6.1
-57.5°	60.0	38.9	22.6	12.4	6.5	6.1	6.1
-60°	56.7	36.2	21.0	11.8	6.1	6.1	6.1
-62.5°	52.1	33.1	19.8	11.2	6.1	6.1	6.1
-65°	47.0	29.7	18.5	10.5	6.1	6.1	6.1
-67.5°	41.3	26.7	17.1	9.7	6.1	6.1	6.1
-70°	35.2	24.2	15.6	8.8	6.1	6.1	6.1
-72.5°	31.1	21.6	13.9	8.6	6.1	6.1	6.1
-75°	27.1	18.8	12.1	8.5	6.1	6.1	6.1
-77.5°	22.8	15.9	11.5	8.4	6.1	6.1	6.1
-80°	18.5	14.3	11.1	8.3	6.1	6.1	6.1
-82.5°	16.7	13.5	10.6	8.1	6.1	6.1	6.1
-85°	15.2	12.5	10.1	8.0	6.1	6.1	6.1
-87.5°	13.7	11.6	9.6	7.8	6.1	6.1	6.1
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)