

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: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-735-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N96
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

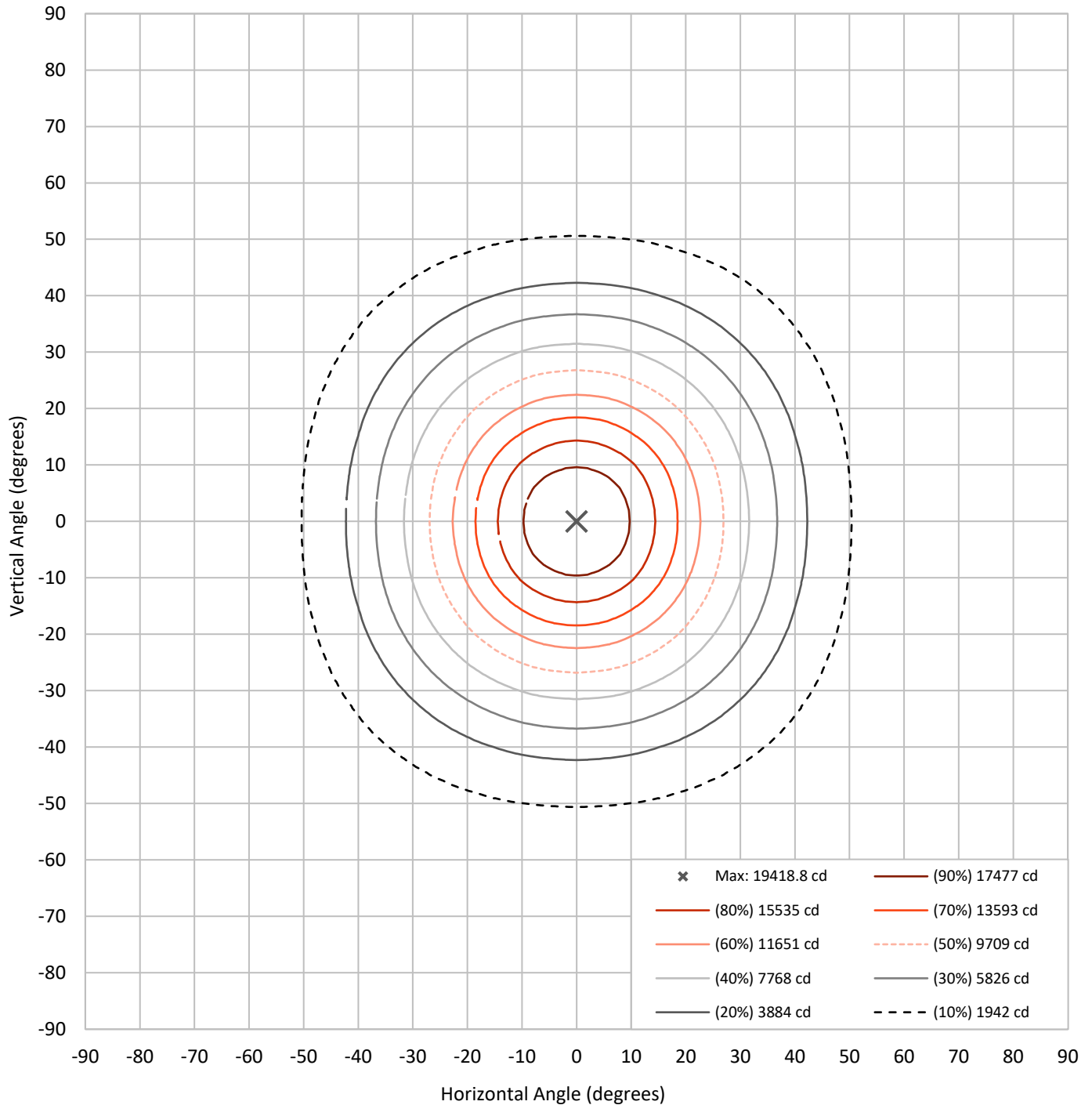
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19763.7 lumens	Max Intensity:	19418.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	9449.8 lumens	Field Lumens:	17442.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	129.5		
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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Iso-Candela Plot





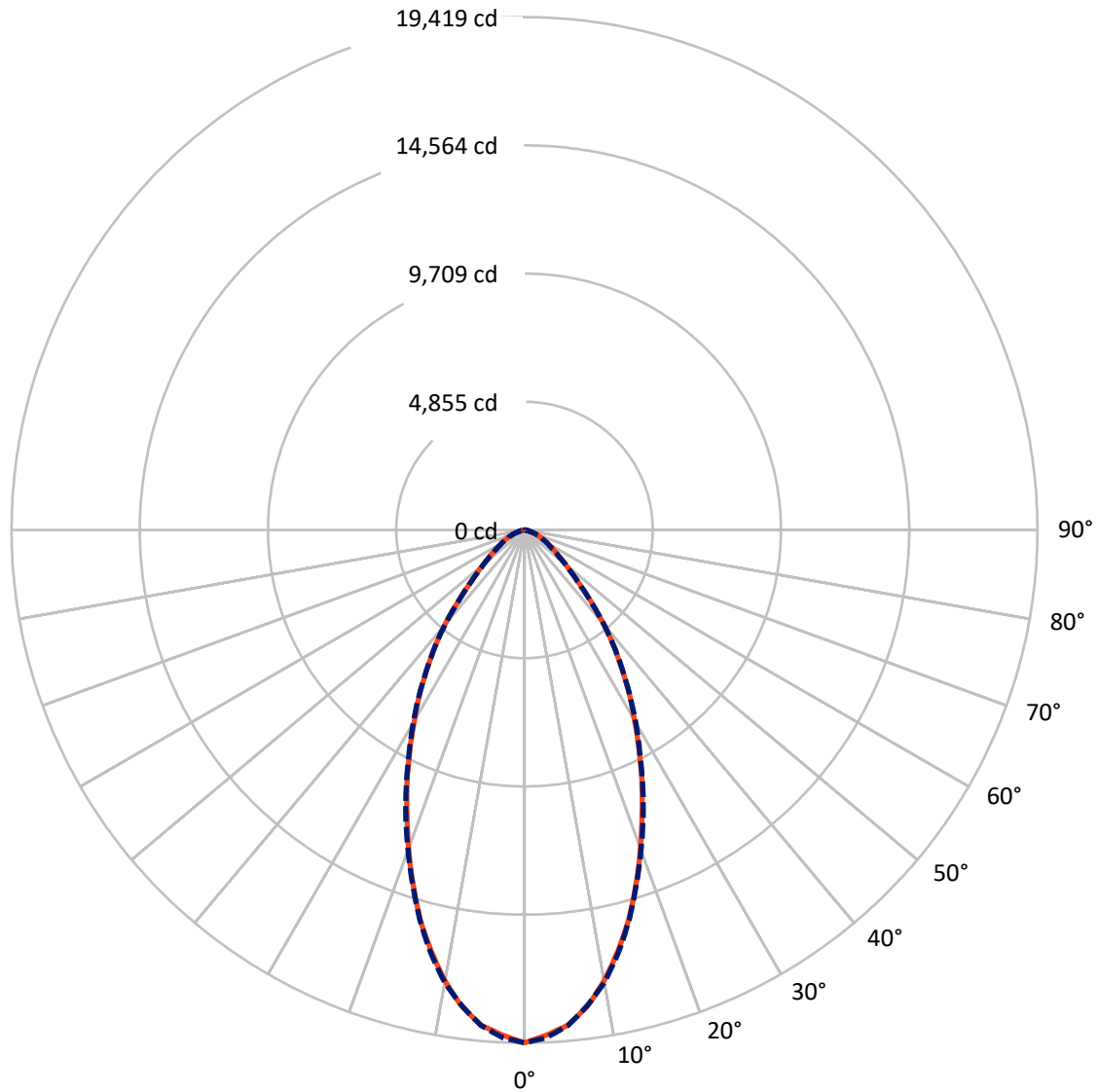
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Lumen Table

90															90				
80	0.8	5.4		12.4		20.7		17.7		20.7		12.4		5.4		0.8			
70															70				
60	2.6	3.0	5.7	9.1	13.2	17.1	20.1	21.5	21.5	20.1	17.1	13.2	9.1	5.7	3.0	2.6			
		4.3	8.6	14.8	22.8	31.3	39.0	43.5	43.5	39.0	31.3	22.8	14.8	8.6	4.3				
50															50				
40	3.8	5.4	11.8	22.1	37.3	57.4	79.1	93.6	93.6	79.1	57.4	37.3	22.1	11.8	5.4	3.8			
		6.6	15.5	32.2	62.6	111.2	161.6	191.7	191.7	161.6	111.2	62.6	32.2	15.5	6.6				
30															30				
20	4.5	7.7	19.3	45.0	101.3	182.0	260.5	311.3	311.3	260.5	182.0	101.3	45.0	19.3	7.7	4.5			
		8.6	22.7	58.4	138.2	245.8	362.9	446.4	446.4	362.9	245.8	138.2	58.4	22.7	8.6				
10															10				
0	4.7	9.0	24.6	67.1	159.1	285.8	434.9	546.9	546.9	434.9	285.8	159.1	67.1	24.6	9.0	4.7			
		9.0	24.6	67.1	159.1	285.8	434.9	546.9	546.9	434.9	285.8	159.1	67.1	24.6	9.0				
-10															-10				
-20	4.5	8.6	22.7	58.4	138.2	245.8	362.9	446.4	446.4	362.9	245.8	138.2	58.4	22.7	8.6	4.5			
		7.7	19.3	45.0	101.3	182.0	260.5	311.3	311.3	260.5	182.0	101.3	45.0	19.3	7.7				
-30															-30				
-40	3.8	6.6	15.5	32.2	62.6	111.2	161.6	191.7	191.7	161.6	111.2	62.6	32.2	15.5	6.6	3.8			
		5.4	11.8	22.1	37.3	57.4	79.1	93.6	93.6	79.1	57.4	37.3	22.1	11.8	5.4				
-50															-50				
-60	2.6	4.3	8.6	14.8	22.8	31.3	39.0	43.5	43.5	39.0	31.3	22.8	14.8	8.6	4.3	2.6			
		3.0	5.7	9.1	13.2	17.1	20.1	21.5	21.5	20.1	17.1	13.2	9.1	5.7	3.0				
-70															-70				
-80	0.8	5.4		12.4		20.7		17.7		20.7		12.4		5.4		0.8			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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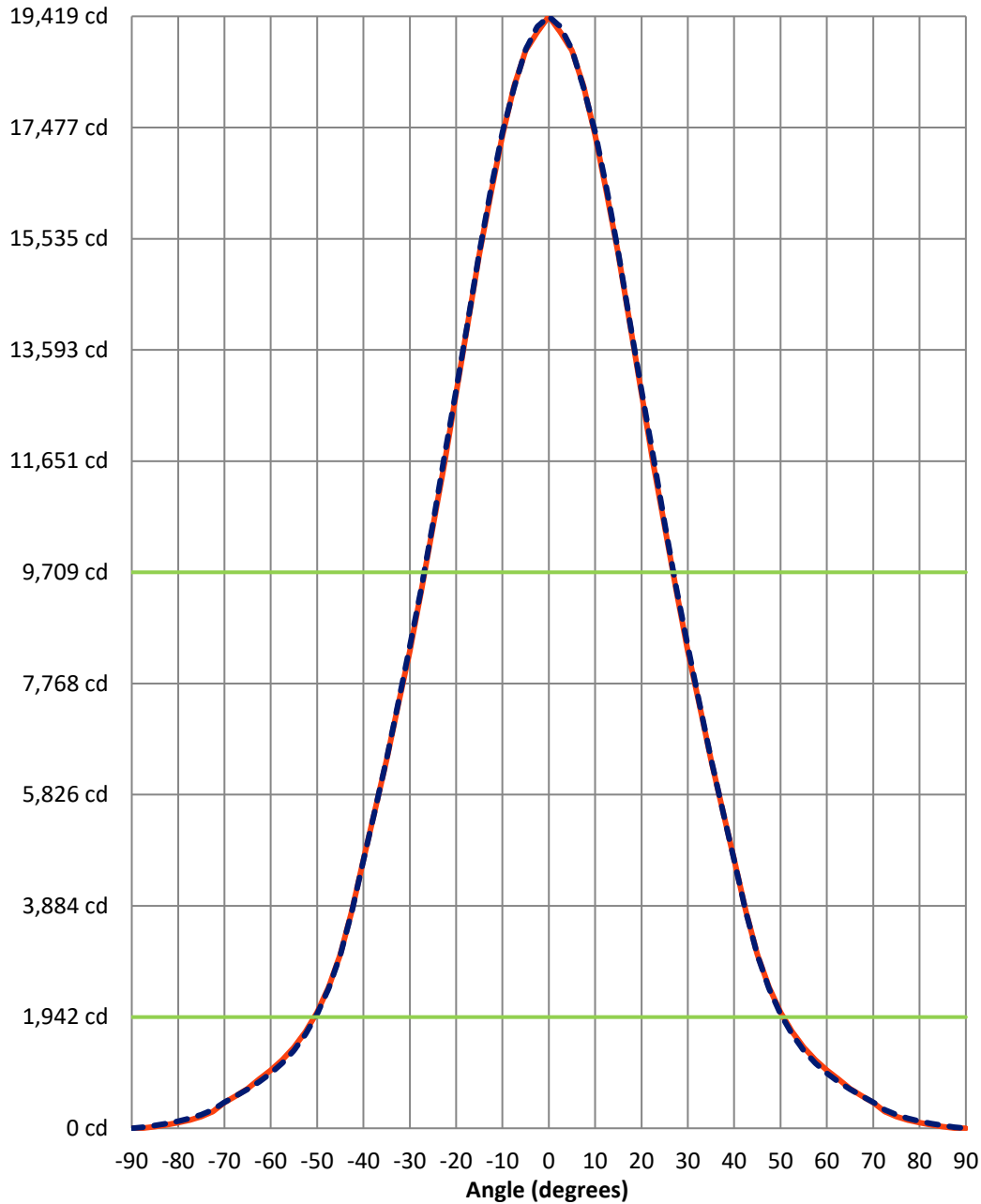
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 9449.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 17442.2
 Efficiency: 88.3%

Spill:
 Lumens: 2321.5
 Efficiency: 11.7%

- 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	1.0	2.3	3.7	5.4	7.2	9.2	10.2	11.0	11.7	12.2
85°	0.0	2.0	4.5	7.4	10.7	14.4	18.4	20.4	22.1	23.4	24.4
82.5°	0.0	3.0	6.8	11.1	16.0	21.5	27.6	30.7	33.8	39.1	43.9
80°	0.0	3.9	9.0	14.7	21.3	28.5	37.4	46.5	54.4	61.5	67.7
77.5°	0.0	4.9	11.2	18.3	26.4	37.1	53.4	65.2	75.0	83.8	92.5
75°	0.0	5.8	13.4	21.9	32.0	48.5	69.0	83.8	95.5	107.5	120.3
72.5°	0.0	6.8	15.5	25.3	39.6	59.6	84.0	102.0	116.2	131.4	147.6
70°	0.0	7.7	17.6	29.0	47.0	70.2	98.3	119.3	136.5	154.9	176.6
67.5°	0.0	8.6	19.6	33.5	54.0	80.3	110.6	136.1	156.3	179.3	205.3
65°	0.0	9.4	21.5	37.8	60.7	89.6	122.4	152.6	176.0	202.7	232.4
62.5°	0.0	10.3	23.4	41.8	67.1	98.1	133.5	168.3	194.8	225.2	257.7
60°	0.0	11.1	25.2	45.7	73.0	106.1	143.9	183.1	212.8	247.0	282.2
57.5°	0.0	11.9	27.3	49.2	78.5	113.6	153.4	196.5	231.0	268.0	304.7
55°	0.0	12.6	29.4	52.5	83.6	120.5	162.0	207.1	248.8	288.2	326.3
52.5°	0.0	13.4	31.4	55.6	88.2	126.7	170.0	218.7	265.9	307.3	347.4
50°	0.0	14.0	33.4	58.3	92.5	132.5	177.2	229.6	282.3	326.1	370.5
47.5°	0.0	14.7	35.2	60.8	96.3	137.7	183.9	239.5	298.6	344.3	393.3
45°	0.0	15.3	36.9	63.3	99.7	142.3	191.5	248.5	310.2	364.0	415.3
42.5°	0.0	15.9	38.6	65.4	102.6	146.3	198.2	257.2	320.9	383.0	438.0
40°	0.0	16.4	40.1	67.9	105.2	149.7	204.1	265.7	331.4	400.7	460.0
37.5°	0.0	16.9	41.6	70.3	107.5	152.5	209.1	273.3	343.0	414.6	480.9
35°	0.0	17.3	42.9	72.6	109.4	155.6	213.3	280.1	354.1	429.9	502.3
32.5°	0.0	17.8	44.1	74.6	110.9	158.6	217.2	286.1	364.7	445.5	524.1
30°	0.0	18.1	45.2	76.4	111.9	160.9	221.4	291.9	374.6	461.2	544.7
27.5°	0.0	18.4	46.2	78.1	114.3	162.5	224.9	299.2	385.0	477.0	564.0
25°	0.0	18.7	47.1	79.5	116.6	163.5	227.6	305.7	396.7	492.4	582.0
22.5°	0.0	19.0	47.9	80.7	118.6	164.8	229.5	311.3	407.8	506.6	601.7
20°	0.0	19.2	48.5	81.7	120.3	167.8	230.6	316.2	418.2	519.3	619.4
17.5°	0.0	19.3	49.0	82.5	121.8	170.3	233.2	320.0	427.8	530.6	634.9
15°	0.0	19.4	49.4	83.1	122.9	172.2	236.3	323.7	436.5	540.3	648.2
12.5°	0.0	19.5	49.7	83.5	123.8	173.6	238.6	327.0	443.8	548.3	659.3
10°	0.0	19.5	49.9	83.6	124.4	174.5	240.0	328.9	449.5	555.1	668.3
7.5°	0.0	19.5	50.0	83.6	124.6	174.8	240.5	329.3	453.5	560.3	675.3
5°	0.0	19.4	49.9	83.4	124.6	174.7	240.3	328.3	455.7	563.8	679.9
2.5°	0.0	19.3	49.7	82.9	124.2	174.0	239.2	326.0	456.0	565.6	682.2
0°	0.0	19.2	49.4	82.3	123.5	172.9	237.4	322.5	454.3	565.4	682.1
-2.5°	0.0	19.3	49.7	82.9	124.2	174.0	239.2	326.0	456.0	565.6	682.2
-5°	0.0	19.4	49.9	83.4	124.6	174.7	240.3	328.3	455.7	563.8	679.9
-7.5°	0.0	19.5	50.0	83.6	124.6	174.8	240.5	329.3	453.5	560.3	675.3
-10°	0.0	19.5	49.9	83.6	124.4	174.5	240.0	328.9	449.5	555.1	668.3
-12.5°	0.0	19.5	49.7	83.5	123.8	173.6	238.6	327.0	443.8	548.3	659.3
-15°	0.0	19.4	49.4	83.1	122.9	172.2	236.3	323.7	436.5	540.3	648.2
-17.5°	0.0	19.3	49.0	82.5	121.8	170.3	233.2	320.0	427.8	530.6	634.9
-20°	0.0	19.2	48.5	81.7	120.3	167.8	230.6	316.2	418.2	519.3	619.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.0	47.9	80.7	118.6	164.8	229.5	311.3	407.8	506.6	601.7
-25°	0.0	18.7	47.1	79.5	116.6	163.5	227.6	305.7	396.7	492.4	582.0
-27.5°	0.0	18.4	46.2	78.1	114.3	162.5	224.9	299.2	385.0	477.0	564.0
-30°	0.0	18.1	45.2	76.4	111.9	160.9	221.4	291.9	374.6	461.2	544.7
-32.5°	0.0	17.8	44.1	74.6	110.9	158.6	217.2	286.1	364.7	445.5	524.1
-35°	0.0	17.3	42.9	72.6	109.4	155.6	213.3	280.1	354.1	429.9	502.3
-37.5°	0.0	16.9	41.6	70.3	107.5	152.5	209.1	273.3	343.0	414.6	480.9
-40°	0.0	16.4	40.1	67.9	105.2	149.7	204.1	265.7	331.4	400.7	460.0
-42.5°	0.0	15.9	38.6	65.4	102.6	146.3	198.2	257.2	320.9	383.0	438.0
-45°	0.0	15.3	36.9	63.3	99.7	142.3	191.5	248.5	310.2	364.0	415.3
-47.5°	0.0	14.7	35.2	60.8	96.3	137.7	183.9	239.5	298.6	344.3	393.3
-50°	0.0	14.0	33.4	58.3	92.5	132.5	177.2	229.6	282.3	326.1	370.5
-52.5°	0.0	13.4	31.4	55.6	88.2	126.7	170.0	218.7	265.9	307.3	347.4
-55°	0.0	12.6	29.4	52.5	83.6	120.5	162.0	207.1	248.8	288.2	326.3
-57.5°	0.0	11.9	27.3	49.2	78.5	113.6	153.4	196.5	231.0	268.0	304.7
-60°	0.0	11.1	25.2	45.7	73.0	106.1	143.9	183.1	212.8	247.0	282.2
-62.5°	0.0	10.3	23.4	41.8	67.1	98.1	133.5	168.3	194.8	225.2	257.7
-65°	0.0	9.4	21.5	37.8	60.7	89.6	122.4	152.6	176.0	202.7	232.4
-67.5°	0.0	8.6	19.6	33.5	54.0	80.3	110.6	136.1	156.3	179.3	205.3
-70°	0.0	7.7	17.6	29.0	47.0	70.2	98.3	119.3	136.5	154.9	176.6
-72.5°	0.0	6.8	15.5	25.3	39.6	59.6	84.0	102.0	116.2	131.4	147.6
-75°	0.0	5.8	13.4	21.9	32.0	48.5	69.0	83.8	95.5	107.5	120.3
-77.5°	0.0	4.9	11.2	18.3	26.4	37.1	53.4	65.2	75.0	83.8	92.5
-80°	0.0	3.9	9.0	14.7	21.3	28.5	37.4	46.5	54.4	61.5	67.7
-82.5°	0.0	3.0	6.8	11.1	16.0	21.5	27.6	30.7	33.8	39.1	43.9
-85°	0.0	2.0	4.5	7.4	10.7	14.4	18.4	20.4	22.1	23.4	24.4
-87.5°	0.0	1.0	2.3	3.7	5.4	7.2	9.2	10.2	11.0	11.7	12.2
-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°	12.4	12.4	12.2	11.8	11.3	10.6	9.8	8.8	9.1	9.5	9.8
85°	24.7	24.8	26.8	28.7	29.6	29.7	29.1	27.9	31.5	35.6	40.0
82.5°	48.3	52.5	56.5	60.2	60.6	59.6	57.8	55.6	63.0	71.8	81.1
80°	74.1	80.2	87.4	94.0	95.6	94.9	92.9	89.5	99.2	112.9	127.6
77.5°	102.8	112.6	121.7	130.1	132.6	132.2	130.7	128.0	140.3	159.3	179.0
75°	133.1	144.9	156.7	167.1	171.5	171.9	171.4	174.3	190.5	212.7	232.2
72.5°	164.6	179.8	193.0	204.4	211.5	217.0	224.2	233.0	249.4	271.2	290.4
70°	198.0	214.8	228.8	241.4	252.3	264.2	279.4	294.5	311.7	333.5	353.4
67.5°	231.0	248.0	263.8	279.3	299.1	318.2	337.1	356.8	378.5	401.3	421.5
65°	261.5	280.7	300.0	322.6	348.3	369.9	393.2	418.8	447.3	473.0	496.5
62.5°	290.8	312.5	336.4	363.6	391.5	418.5	449.8	482.7	516.0	548.3	580.2
60°	315.5	342.6	371.5	402.3	434.5	471.2	507.9	547.1	586.9	625.7	665.3
57.5°	339.3	372.7	406.1	442.0	482.2	524.1	568.2	612.3	659.8	706.8	751.7
55°	364.0	403.4	441.4	483.9	529.9	579.2	629.0	682.4	734.9	794.1	848.6
52.5°	390.4	433.2	477.9	526.5	580.3	635.9	694.2	755.5	820.8	886.6	953.3
50°	416.2	464.5	514.2	572.3	632.4	695.9	763.3	834.6	910.7	986.8	1067.6
47.5°	443.1	494.6	555.3	618.5	687.3	759.6	835.8	920.7	1005.3	1101.2	1193.8
45°	469.6	528.9	594.7	668.1	743.7	825.1	915.8	1009.0	1117.0	1225.3	1346.9
42.5°	495.1	563.4	637.7	716.2	802.3	895.8	996.1	1113.4	1235.1	1369.1	1511.9
40°	524.4	596.5	680.2	767.8	861.1	968.1	1088.8	1218.9	1367.4	1526.2	1688.4
37.5°	552.7	633.7	722.0	817.1	925.4	1045.8	1179.1	1338.6	1510.0	1690.5	1911.2
35°	579.4	669.2	765.1	869.3	986.6	1126.1	1285.5	1461.8	1659.3	1892.1	2149.6
32.5°	607.7	702.8	805.8	922.7	1055.5	1207.8	1388.9	1596.5	1830.1	2095.2	2417.4
30°	636.1	737.3	846.2	972.7	1120.4	1296.7	1502.5	1731.9	2000.7	2333.1	2711.4
27.5°	662.5	769.7	888.9	1025.7	1183.5	1378.7	1611.7	1880.5	2197.2	2572.9	3014.7
25°	686.7	799.1	928.1	1076.2	1253.2	1467.3	1719.8	2017.5	2393.8	2841.9	3385.4
22.5°	709.8	825.9	963.6	1121.6	1315.9	1553.0	1837.2	2177.9	2593.8	3096.6	3748.4
20°	731.4	854.9	998.8	1165.0	1372.0	1630.3	1945.1	2327.5	2800.8	3396.1	4104.5
17.5°	750.5	880.4	1032.1	1211.9	1434.5	1709.0	2046.8	2459.7	2985.1	3663.6	4433.0
15°	766.8	902.4	1061.0	1252.6	1490.8	1787.1	2153.7	2604.6	3177.4	3906.9	4721.4
12.5°	780.5	920.9	1085.2	1286.8	1538.1	1853.1	2244.9	2733.7	3364.7	4135.9	4974.7
10°	791.3	935.6	1104.7	1314.4	1576.2	1906.8	2320.1	2839.4	3520.5	4332.3	5188.9
7.5°	800.3	947.2	1119.7	1335.3	1605.0	1947.8	2378.6	2920.9	3642.3	4487.8	5353.3
5°	806.8	955.5	1131.0	1349.9	1626.2	1976.3	2419.5	2977.9	3728.9	4600.5	5465.7
2.5°	810.4	960.0	1137.5	1357.7	1639.1	1992.5	2441.0	3013.7	3776.5	4664.8	5533.7
0°	811.1	960.7	1139.1	1358.7	1642.8	1995.5	2444.3	3024.9	3786.6	4681.4	5558.4
-2.5°	810.4	960.0	1137.5	1357.7	1639.1	1992.5	2441.0	3013.7	3776.5	4664.8	5533.7
-5°	806.8	955.5	1131.0	1349.9	1626.2	1976.3	2419.5	2977.9	3728.9	4600.5	5465.7
-7.5°	800.3	947.2	1119.7	1335.3	1605.0	1947.8	2378.6	2920.9	3642.3	4487.8	5353.3
-10°	791.3	935.6	1104.7	1314.4	1576.2	1906.8	2320.1	2839.4	3520.5	4332.3	5188.9
-12.5°	780.5	920.9	1085.2	1286.8	1538.1	1853.1	2244.9	2733.7	3364.7	4135.9	4974.7
-15°	766.8	902.4	1061.0	1252.6	1490.8	1787.1	2153.7	2604.6	3177.4	3906.9	4721.4
-17.5°	750.5	880.4	1032.1	1211.9	1434.5	1709.0	2046.8	2459.7	2985.1	3663.6	4433.0
-20°	731.4	854.9	998.8	1165.0	1372.0	1630.3	1945.1	2327.5	2800.8	3396.1	4104.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	709.8	825.9	963.6	1121.6	1315.9	1553.0	1837.2	2177.9	2593.8	3096.6	3748.4
-25°	686.7	799.1	928.1	1076.2	1253.2	1467.3	1719.8	2017.5	2393.8	2841.9	3385.4
-27.5°	662.5	769.7	888.9	1025.7	1183.5	1378.7	1611.7	1880.5	2197.2	2572.9	3014.7
-30°	636.1	737.3	846.2	972.7	1120.4	1296.7	1502.5	1731.9	2000.7	2333.1	2711.4
-32.5°	607.7	702.8	805.8	922.7	1055.5	1207.8	1388.9	1596.5	1830.1	2095.2	2417.4
-35°	579.4	669.2	765.1	869.3	986.6	1126.1	1285.5	1461.8	1659.3	1892.1	2149.6
-37.5°	552.7	633.7	722.0	817.1	925.4	1045.8	1179.1	1338.6	1510.0	1690.5	1911.2
-40°	524.4	596.5	680.2	767.8	861.1	968.1	1088.8	1218.9	1367.4	1526.2	1688.4
-42.5°	495.1	563.4	637.7	716.2	802.3	895.8	996.1	1113.4	1235.1	1369.1	1511.9
-45°	469.6	528.9	594.7	668.1	743.7	825.1	915.8	1009.0	1117.0	1225.3	1346.9
-47.5°	443.1	494.6	555.3	618.5	687.3	759.6	835.8	920.7	1005.3	1101.2	1193.8
-50°	416.2	464.5	514.2	572.3	632.4	695.9	763.3	834.6	910.7	986.8	1067.6
-52.5°	390.4	433.2	477.9	526.5	580.3	635.9	694.2	755.5	820.8	886.6	953.3
-55°	364.0	403.4	441.4	483.9	529.9	579.2	629.0	682.4	734.9	794.1	848.6
-57.5°	339.3	372.7	406.1	442.0	482.2	524.1	568.2	612.3	659.8	706.8	751.7
-60°	315.5	342.6	371.5	402.3	434.5	471.2	507.9	547.1	586.9	625.7	665.3
-62.5°	290.8	312.5	336.4	363.6	391.5	418.5	449.8	482.7	516.0	548.3	580.2
-65°	261.5	280.7	300.0	322.6	348.3	369.9	393.2	418.8	447.3	473.0	496.5
-67.5°	231.0	248.0	263.8	279.3	299.1	318.2	337.1	356.8	378.5	401.3	421.5
-70°	198.0	214.8	228.8	241.4	252.3	264.2	279.4	294.5	311.7	333.5	353.4
-72.5°	164.6	179.8	193.0	204.4	211.5	217.0	224.2	233.0	249.4	271.2	290.4
-75°	133.1	144.9	156.7	167.1	171.5	171.9	171.4	174.3	190.5	212.7	232.2
-77.5°	102.8	112.6	121.7	130.1	132.6	132.2	130.7	128.0	140.3	159.3	179.0
-80°	74.1	80.2	87.4	94.0	95.6	94.9	92.9	89.5	99.2	112.9	127.6
-82.5°	48.3	52.5	56.5	60.2	60.6	59.6	57.8	55.6	63.0	71.8	81.1
-85°	24.7	24.8	26.8	28.7	29.6	29.7	29.1	27.9	31.5	35.6	40.0
-87.5°	12.4	12.4	12.2	11.8	11.3	10.6	9.8	8.8	9.1	9.5	9.8
-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: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-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°	10.2	9.9	9.5	9.1	8.7	8.5	8.4	8.2	7.9	7.3	6.7
85°	44.6	45.6	46.2	46.4	46.5	47.9	49.3	50.6	51.7	46.9	41.6
82.5°	90.8	95.0	98.8	102.5	106.2	108.7	110.6	112.0	112.8	102.2	90.1
80°	142.9	151.8	159.2	166.3	173.1	174.7	174.7	173.8	171.9	157.3	140.7
77.5°	198.7	210.4	219.7	228.9	237.9	241.3	242.9	244.2	245.0	226.9	204.6
75°	249.3	263.2	276.3	288.4	299.5	305.4	308.9	311.8	314.0	295.8	271.9
72.5°	307.1	321.9	335.9	349.3	361.1	369.0	374.1	378.3	381.6	371.2	356.2
70°	370.6	385.9	400.7	414.7	428.0	438.5	446.8	453.9	459.9	461.0	460.5
67.5°	441.1	459.1	476.8	492.0	507.8	522.7	535.8	546.6	555.3	561.0	564.2
65°	520.2	547.3	571.5	592.0	609.1	629.0	646.5	659.8	669.3	676.4	682.6
62.5°	613.4	646.3	674.0	701.3	729.5	756.9	774.0	791.2	808.0	823.8	837.3
60°	703.2	739.3	776.7	811.6	843.9	873.6	904.3	931.5	955.3	975.3	990.1
57.5°	798.8	842.7	885.3	929.6	971.3	1010.1	1048.1	1083.1	1113.4	1138.9	1159.7
55°	902.6	956.3	1006.9	1063.1	1117.6	1167.3	1213.0	1260.0	1302.2	1339.4	1368.9
52.5°	1014.5	1084.4	1151.4	1217.4	1288.0	1351.7	1408.8	1473.8	1531.5	1579.1	1616.3
50°	1148.1	1230.2	1318.7	1400.5	1489.6	1577.3	1658.2	1736.5	1813.2	1879.5	1933.1
47.5°	1300.3	1401.3	1510.9	1619.4	1729.9	1849.9	1956.9	2056.4	2163.5	2256.6	2331.2
45°	1469.4	1598.2	1730.6	1883.0	2023.4	2177.5	2320.1	2448.2	2600.2	2734.1	2841.9
42.5°	1657.0	1828.6	2002.6	2194.7	2381.0	2576.6	2784.4	2968.7	3170.3	3362.5	3517.8
40°	1889.6	2094.7	2327.8	2560.2	2827.7	3078.9	3381.6	3656.7	3906.5	4135.7	4323.4
37.5°	2148.0	2412.1	2704.9	3007.6	3373.6	3732.3	4086.6	4421.2	4716.5	4967.3	5177.7
35°	2441.4	2777.0	3131.6	3573.6	4002.3	4431.9	4832.2	5197.8	5519.0	5802.0	6042.6
32.5°	2778.9	3181.6	3678.0	4174.6	4663.6	5136.7	5576.1	5974.9	6327.1	6644.8	6921.4
30°	3133.7	3683.3	4240.3	4785.1	5319.2	5837.3	6319.6	6758.8	7156.9	7510.5	7829.3
27.5°	3584.6	4193.5	4801.0	5388.2	5975.9	6542.9	7065.6	7553.6	8010.4	8410.1	8774.4
25°	4020.7	4693.4	5339.1	5979.4	6619.1	7228.0	7812.4	8363.5	8886.7	9345.4	9752.1
22.5°	4456.7	5160.8	5850.9	6539.3	7226.5	7905.2	8561.4	9192.9	9777.9	10300.3	10758.2
20°	4860.5	5596.6	6334.6	7076.7	7821.6	8564.5	9301.5	10012.1	10663.9	11267.0	11796.9
17.5°	5222.5	6005.4	6787.8	7581.7	8389.1	9195.7	10014.4	10811.0	11556.2	12242.3	12857.1
15°	5543.2	6360.1	7200.4	8057.0	8924.0	9800.1	10693.4	11584.6	12423.4	13202.8	13889.2
12.5°	5823.5	6672.8	7553.5	8463.7	9404.7	10359.0	11334.0	12310.9	13239.5	14139.4	14880.4
10°	6054.8	6938.8	7859.2	8815.6	9808.0	10835.1	11881.1	12932.8	13955.8	14910.3	15757.8
7.5°	6233.4	7150.5	8099.0	9093.7	10134.9	11218.0	12326.0	13442.1	14533.8	15562.3	16500.0
5°	6359.4	7304.6	8265.1	9299.8	10377.1	11499.5	12651.1	13814.1	14955.4	16036.8	17008.7
2.5°	6432.6	7397.2	8361.8	9425.0	10521.2	11669.8	12852.7	14034.8	15206.2	16327.9	17326.5
0°	6451.9	7424.9	8417.2	9438.3	10566.5	11749.5	12890.0	14075.8	15293.2	16399.4	17394.4
-2.5°	6432.6	7397.2	8361.8	9425.0	10521.2	11669.8	12852.7	14034.8	15206.2	16327.9	17326.5
-5°	6359.4	7304.6	8265.1	9299.8	10377.1	11499.5	12651.1	13814.1	14955.4	16036.8	17008.7
-7.5°	6233.4	7150.5	8099.0	9093.7	10134.9	11218.0	12326.0	13442.1	14533.8	15562.3	16500.0
-10°	6054.8	6938.8	7859.2	8815.6	9808.0	10835.1	11881.1	12932.8	13955.8	14910.3	15757.8
-12.5°	5823.5	6672.8	7553.5	8463.7	9404.7	10359.0	11334.0	12310.9	13239.5	14139.4	14880.4
-15°	5543.2	6360.1	7200.4	8057.0	8924.0	9800.1	10693.4	11584.6	12423.4	13202.8	13889.2
-17.5°	5222.5	6005.4	6787.8	7581.7	8389.1	9195.7	10014.4	10811.0	11556.2	12242.3	12857.1
-20°	4860.5	5596.6	6334.6	7076.7	7821.6	8564.5	9301.5	10012.1	10663.9	11267.0	11796.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4456.7	5160.8	5850.9	6539.3	7226.5	7905.2	8561.4	9192.9	9777.9	10300.3	10758.2
-25°	4020.7	4693.4	5339.1	5979.4	6619.1	7228.0	7812.4	8363.5	8886.7	9345.4	9752.1
-27.5°	3584.6	4193.5	4801.0	5388.2	5975.9	6542.9	7065.6	7553.6	8010.4	8410.1	8774.4
-30°	3133.7	3683.3	4240.3	4785.1	5319.2	5837.3	6319.6	6758.8	7156.9	7510.5	7829.3
-32.5°	2778.9	3181.6	3678.0	4174.6	4663.6	5136.7	5576.1	5974.9	6327.1	6644.8	6921.4
-35°	2441.4	2777.0	3131.6	3573.6	4002.3	4431.9	4832.2	5197.8	5519.0	5802.0	6042.6
-37.5°	2148.0	2412.1	2704.9	3007.6	3373.6	3732.3	4086.6	4421.2	4716.5	4967.3	5177.7
-40°	1889.6	2094.7	2327.8	2560.2	2827.7	3078.9	3381.6	3656.7	3906.5	4135.7	4323.4
-42.5°	1657.0	1828.6	2002.6	2194.7	2381.0	2576.6	2784.4	2968.7	3170.3	3362.5	3517.8
-45°	1469.4	1598.2	1730.6	1883.0	2023.4	2177.5	2320.1	2448.2	2600.2	2734.1	2841.9
-47.5°	1300.3	1401.3	1510.9	1619.4	1729.9	1849.9	1956.9	2056.4	2163.5	2256.6	2331.2
-50°	1148.1	1230.2	1318.7	1400.5	1489.6	1577.3	1658.2	1736.5	1813.2	1879.5	1933.1
-52.5°	1014.5	1084.4	1151.4	1217.4	1288.0	1351.7	1408.8	1473.8	1531.5	1579.1	1616.3
-55°	902.6	956.3	1006.9	1063.1	1117.6	1167.3	1213.0	1260.0	1302.2	1339.4	1368.9
-57.5°	798.8	842.7	885.3	929.6	971.3	1010.1	1048.1	1083.1	1113.4	1138.9	1159.7
-60°	703.2	739.3	776.7	811.6	843.9	873.6	904.3	931.5	955.3	975.3	990.1
-62.5°	613.4	646.3	674.0	701.3	729.5	756.9	774.0	791.2	808.0	823.8	837.3
-65°	520.2	547.3	571.5	592.0	609.1	629.0	646.5	659.8	669.3	676.4	682.6
-67.5°	441.1	459.1	476.8	492.0	507.8	522.7	535.8	546.6	555.3	561.0	564.2
-70°	370.6	385.9	400.7	414.7	428.0	438.5	446.8	453.9	459.9	461.0	460.5
-72.5°	307.1	321.9	335.9	349.3	361.1	369.0	374.1	378.3	381.6	371.2	356.2
-75°	249.3	263.2	276.3	288.4	299.5	305.4	308.9	311.8	314.0	295.8	271.9
-77.5°	198.7	210.4	219.7	228.9	237.9	241.3	242.9	244.2	245.0	226.9	204.6
-80°	142.9	151.8	159.2	166.3	173.1	174.7	174.7	173.8	171.9	157.3	140.7
-82.5°	90.8	95.0	98.8	102.5	106.2	108.7	110.6	112.0	112.8	102.2	90.1
-85°	44.6	45.6	46.2	46.4	46.5	47.9	49.3	50.6	51.7	46.9	41.6
-87.5°	10.2	9.9	9.5	9.1	8.7	8.5	8.4	8.2	7.9	7.3	6.7
-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: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-WR-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°	6.1	5.5	4.8	4.1	4.8	5.5	6.1	6.7	7.3	7.9	8.2
85°	35.9	30.1	29.5	28.8	29.5	30.1	35.9	41.6	46.9	51.7	50.6
82.5°	77.5	64.3	62.4	60.4	62.4	64.3	77.5	90.1	102.2	112.8	112.0
80°	123.5	105.6	102.1	98.8	102.1	105.6	123.5	140.7	157.3	171.9	173.8
77.5°	181.2	156.7	149.5	142.7	149.5	156.7	181.2	204.6	226.9	245.0	244.2
75°	247.1	221.4	212.7	204.5	212.7	221.4	247.1	271.9	295.8	314.0	311.8
72.5°	341.1	325.4	309.6	292.3	309.6	325.4	341.1	356.2	371.2	381.6	378.3
70°	460.0	458.9	454.9	448.8	454.9	458.9	460.0	460.5	461.0	459.9	453.9
67.5°	565.6	565.2	566.6	566.8	566.6	565.2	565.6	564.2	561.0	555.3	546.6
65°	686.3	687.6	690.4	691.7	690.4	687.6	686.3	682.6	676.4	669.3	659.8
62.5°	847.7	854.7	858.2	857.8	858.2	854.7	847.7	837.3	823.8	808.0	791.2
60°	1001.2	1008.5	1013.1	1014.2	1013.1	1008.5	1001.2	990.1	975.3	955.3	931.5
57.5°	1176.2	1188.1	1194.5	1195.4	1194.5	1188.1	1176.2	1159.7	1138.9	1113.4	1083.1
55°	1391.6	1407.4	1414.4	1413.6	1414.4	1407.4	1391.6	1368.9	1339.4	1302.2	1260.0
52.5°	1644.3	1663.6	1678.0	1686.7	1678.0	1663.6	1644.3	1616.3	1579.1	1531.5	1473.8
50°	1973.4	2001.0	2018.6	2025.7	2018.6	2001.0	1973.4	1933.1	1879.5	1813.2	1736.5
47.5°	2385.1	2421.7	2448.8	2467.7	2448.8	2421.7	2385.1	2331.2	2256.6	2163.5	2056.4
45°	2921.5	2977.2	3015.1	3037.2	3015.1	2977.2	2921.5	2841.9	2734.1	2600.2	2448.2
42.5°	3639.0	3725.6	3778.6	3798.9	3778.6	3725.6	3639.0	3517.8	3362.5	3170.3	2968.7
40°	4471.7	4575.7	4643.9	4691.0	4643.9	4575.7	4471.7	4323.4	4135.7	3906.5	3656.7
37.5°	5339.1	5448.3	5514.7	5559.8	5514.7	5448.3	5339.1	5177.7	4967.3	4716.5	4421.2
35°	6223.9	6338.2	6400.6	6435.4	6400.6	6338.2	6223.9	6042.6	5802.0	5519.0	5197.8
32.5°	7132.3	7258.3	7326.1	7396.1	7326.1	7258.3	7132.3	6921.4	6644.8	6327.1	5974.9
30°	8081.2	8225.7	8296.6	8330.8	8296.6	8225.7	8081.2	7829.3	7510.5	7156.9	6758.8
27.5°	9068.4	9248.6	9337.3	9395.8	9337.3	9248.6	9068.4	8774.4	8410.1	8010.4	7553.6
25°	10095.7	10319.0	10420.6	10511.6	10420.6	10319.0	10095.7	9752.1	9345.4	8886.7	8363.5
22.5°	11161.5	11439.6	11557.3	11621.9	11557.3	11439.6	11161.5	10758.2	10300.3	9777.9	9192.9
20°	12255.2	12587.4	12751.0	12835.1	12751.0	12587.4	12255.2	11796.9	11267.0	10663.9	10012.1
17.5°	13373.5	13786.8	13998.4	14047.0	13998.4	13786.8	13373.5	12857.1	12242.3	11556.2	10811.0
15°	14471.4	14918.4	15168.6	15260.3	15168.6	14918.4	14471.4	13889.2	13202.8	12423.4	11584.6
12.5°	15511.1	15974.4	16273.4	16326.7	16273.4	15974.4	15511.1	14880.4	14139.4	13239.5	12310.9
10°	16454.1	16934.0	17264.2	17339.5	17264.2	16934.0	16454.1	15757.8	14910.3	13955.8	12932.8
7.5°	17242.4	17769.0	18133.8	18197.3	18133.8	17769.0	17242.4	16500.0	15562.3	14533.8	13442.1
5°	17819.2	18444.4	18743.9	18819.0	18743.9	18444.4	17819.2	17008.7	16036.8	14955.4	13814.1
2.5°	18135.6	18772.0	19188.2	19140.2	19188.2	18772.0	18135.6	17326.5	16327.9	15206.2	14034.8
0°	18171.2	18836.9	19234.9	19418.8	19234.9	18836.9	18171.2	17394.4	16399.4	15293.2	14075.8
-2.5°	18135.6	18772.0	19188.2	19140.2	19188.2	18772.0	18135.6	17326.5	16327.9	15206.2	14034.8
-5°	17819.2	18444.4	18743.9	18819.0	18743.9	18444.4	17819.2	17008.7	16036.8	14955.4	13814.1
-7.5°	17242.4	17769.0	18133.8	18197.3	18133.8	17769.0	17242.4	16500.0	15562.3	14533.8	13442.1
-10°	16454.1	16934.0	17264.2	17339.5	17264.2	16934.0	16454.1	15757.8	14910.3	13955.8	12932.8
-12.5°	15511.1	15974.4	16273.4	16326.7	16273.4	15974.4	15511.1	14880.4	14139.4	13239.5	12310.9
-15°	14471.4	14918.4	15168.6	15260.3	15168.6	14918.4	14471.4	13889.2	13202.8	12423.4	11584.6
-17.5°	13373.5	13786.8	13998.4	14047.0	13998.4	13786.8	13373.5	12857.1	12242.3	11556.2	10811.0
-20°	12255.2	12587.4	12751.0	12835.1	12751.0	12587.4	12255.2	11796.9	11267.0	10663.9	10012.1



REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11161.5	11439.6	11557.3	11621.9	11557.3	11439.6	11161.5	10758.2	10300.3	9777.9	9192.9
-25°	10095.7	10319.0	10420.6	10511.6	10420.6	10319.0	10095.7	9752.1	9345.4	8886.7	8363.5
-27.5°	9068.4	9248.6	9337.3	9395.8	9337.3	9248.6	9068.4	8774.4	8410.1	8010.4	7553.6
-30°	8081.2	8225.7	8296.6	8330.8	8296.6	8225.7	8081.2	7829.3	7510.5	7156.9	6758.8
-32.5°	7132.3	7258.3	7326.1	7396.1	7326.1	7258.3	7132.3	6921.4	6644.8	6327.1	5974.9
-35°	6223.9	6338.2	6400.6	6435.4	6400.6	6338.2	6223.9	6042.6	5802.0	5519.0	5197.8
-37.5°	5339.1	5448.3	5514.7	5559.8	5514.7	5448.3	5339.1	5177.7	4967.3	4716.5	4421.2
-40°	4471.7	4575.7	4643.9	4691.0	4643.9	4575.7	4471.7	4323.4	4135.7	3906.5	3656.7
-42.5°	3639.0	3725.6	3778.6	3798.9	3778.6	3725.6	3639.0	3517.8	3362.5	3170.3	2968.7
-45°	2921.5	2977.2	3015.1	3037.2	3015.1	2977.2	2921.5	2841.9	2734.1	2600.2	2448.2
-47.5°	2385.1	2421.7	2448.8	2467.7	2448.8	2421.7	2385.1	2331.2	2256.6	2163.5	2056.4
-50°	1973.4	2001.0	2018.6	2025.7	2018.6	2001.0	1973.4	1933.1	1879.5	1813.2	1736.5
-52.5°	1644.3	1663.6	1678.0	1686.7	1678.0	1663.6	1644.3	1616.3	1579.1	1531.5	1473.8
-55°	1391.6	1407.4	1414.4	1413.6	1414.4	1407.4	1391.6	1368.9	1339.4	1302.2	1260.0
-57.5°	1176.2	1188.1	1194.5	1195.4	1194.5	1188.1	1176.2	1159.7	1138.9	1113.4	1083.1
-60°	1001.2	1008.5	1013.1	1014.2	1013.1	1008.5	1001.2	990.1	975.3	955.3	931.5
-62.5°	847.7	854.7	858.2	857.8	858.2	854.7	847.7	837.3	823.8	808.0	791.2
-65°	686.3	687.6	690.4	691.7	690.4	687.6	686.3	682.6	676.4	669.3	659.8
-67.5°	565.6	565.2	566.6	566.8	566.6	565.2	565.6	564.2	561.0	555.3	546.6
-70°	460.0	458.9	454.9	448.8	454.9	458.9	460.0	460.5	461.0	459.9	453.9
-72.5°	341.1	325.4	309.6	292.3	309.6	325.4	341.1	356.2	371.2	381.6	378.3
-75°	247.1	221.4	212.7	204.5	212.7	221.4	247.1	271.9	295.8	314.0	311.8
-77.5°	181.2	156.7	149.5	142.7	149.5	156.7	181.2	204.6	226.9	245.0	244.2
-80°	123.5	105.6	102.1	98.8	102.1	105.6	123.5	140.7	157.3	171.9	173.8
-82.5°	77.5	64.3	62.4	60.4	62.4	64.3	77.5	90.1	102.2	112.8	112.0
-85°	35.9	30.1	29.5	28.8	29.5	30.1	35.9	41.6	46.9	51.7	50.6
-87.5°	6.1	5.5	4.8	4.1	4.8	5.5	6.1	6.7	7.3	7.9	8.2
-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: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-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°	8.4	8.5	8.7	9.1	9.5	9.9	10.2	9.8	9.5	9.1	8.8
85°	49.3	47.9	46.5	46.4	46.2	45.6	44.6	40.0	35.6	31.5	27.9
82.5°	110.6	108.7	106.2	102.5	98.8	95.0	90.8	81.1	71.8	63.0	55.6
80°	174.7	174.7	173.1	166.3	159.2	151.8	142.9	127.6	112.9	99.2	89.5
77.5°	242.9	241.3	237.9	228.9	219.7	210.4	198.7	179.0	159.3	140.3	128.0
75°	308.9	305.4	299.5	288.4	276.3	263.2	249.3	232.2	212.7	190.5	174.3
72.5°	374.1	369.0	361.1	349.3	335.9	321.9	307.1	290.4	271.2	249.4	233.0
70°	446.8	438.5	428.0	414.7	400.7	385.9	370.6	353.4	333.5	311.7	294.5
67.5°	535.8	522.7	507.8	492.0	476.8	459.1	441.1	421.5	401.3	378.5	356.8
65°	646.5	629.0	609.1	592.0	571.5	547.3	520.2	496.5	473.0	447.3	418.8
62.5°	774.0	756.9	729.5	701.3	674.0	646.3	613.4	580.2	548.3	516.0	482.7
60°	904.3	873.6	843.9	811.6	776.7	739.3	703.2	665.3	625.7	586.9	547.1
57.5°	1048.1	1010.1	971.3	929.6	885.3	842.7	798.8	751.7	706.8	659.8	612.3
55°	1213.0	1167.3	1117.6	1063.1	1006.9	956.3	902.6	848.6	794.1	734.9	682.4
52.5°	1408.8	1351.7	1288.0	1217.4	1151.4	1084.4	1014.5	953.3	886.6	820.8	755.5
50°	1658.2	1577.3	1489.6	1400.5	1318.7	1230.2	1148.1	1067.6	986.8	910.7	834.6
47.5°	1956.9	1849.9	1729.9	1619.4	1510.9	1401.3	1300.3	1193.8	1101.2	1005.3	920.7
45°	2320.1	2177.5	2023.4	1883.0	1730.6	1598.2	1469.4	1346.9	1225.3	1117.0	1009.0
42.5°	2784.4	2576.6	2381.0	2194.7	2002.6	1828.6	1657.0	1511.9	1369.1	1235.1	1113.4
40°	3381.6	3078.9	2827.7	2560.2	2327.8	2094.7	1889.6	1688.4	1526.2	1367.4	1218.9
37.5°	4086.6	3732.3	3373.6	3007.6	2704.9	2412.1	2148.0	1911.2	1690.5	1510.0	1338.6
35°	4832.2	4431.9	4002.3	3573.6	3131.6	2777.0	2441.4	2149.6	1892.1	1659.3	1461.8
32.5°	5576.1	5136.7	4663.6	4174.6	3678.0	3181.6	2778.9	2417.4	2095.2	1830.1	1596.5
30°	6319.6	5837.3	5319.2	4785.1	4240.3	3683.3	3133.7	2711.4	2333.1	2000.7	1731.9
27.5°	7065.6	6542.9	5975.9	5388.2	4801.0	4193.5	3584.6	3014.7	2572.9	2197.2	1880.5
25°	7812.4	7228.0	6619.1	5979.4	5339.1	4693.4	4020.7	3385.4	2841.9	2393.8	2017.5
22.5°	8561.4	7905.2	7226.5	6539.3	5850.9	5160.8	4456.7	3748.4	3096.6	2593.8	2177.9
20°	9301.5	8564.5	7821.6	7076.7	6334.6	5596.6	4860.5	4104.5	3396.1	2800.8	2327.5
17.5°	10014.4	9195.7	8389.1	7581.7	6787.8	6005.4	5222.5	4433.0	3663.6	2985.1	2459.7
15°	10693.4	9800.1	8924.0	8057.0	7200.4	6360.1	5543.2	4721.4	3906.9	3177.4	2604.6
12.5°	11334.0	10359.0	9404.7	8463.7	7553.5	6672.8	5823.5	4974.7	4135.9	3364.7	2733.7
10°	11881.1	10835.1	9808.0	8815.6	7859.2	6938.8	6054.8	5188.9	4332.3	3520.5	2839.4
7.5°	12326.0	11218.0	10134.9	9093.7	8099.0	7150.5	6233.4	5353.3	4487.8	3642.3	2920.9
5°	12651.1	11499.5	10377.1	9299.8	8265.1	7304.6	6359.4	5465.7	4600.5	3728.9	2977.9
2.5°	12852.7	11669.8	10521.2	9425.0	8361.8	7397.2	6432.6	5533.7	4664.8	3776.5	3013.7
0°	12890.0	11749.5	10566.5	9438.3	8417.2	7424.9	6451.9	5558.4	4681.4	3786.6	3024.9
-2.5°	12852.7	11669.8	10521.2	9425.0	8361.8	7397.2	6432.6	5533.7	4664.8	3776.5	3013.7
-5°	12651.1	11499.5	10377.1	9299.8	8265.1	7304.6	6359.4	5465.7	4600.5	3728.9	2977.9
-7.5°	12326.0	11218.0	10134.9	9093.7	8099.0	7150.5	6233.4	5353.3	4487.8	3642.3	2920.9
-10°	11881.1	10835.1	9808.0	8815.6	7859.2	6938.8	6054.8	5188.9	4332.3	3520.5	2839.4
-12.5°	11334.0	10359.0	9404.7	8463.7	7553.5	6672.8	5823.5	4974.7	4135.9	3364.7	2733.7
-15°	10693.4	9800.1	8924.0	8057.0	7200.4	6360.1	5543.2	4721.4	3906.9	3177.4	2604.6
-17.5°	10014.4	9195.7	8389.1	7581.7	6787.8	6005.4	5222.5	4433.0	3663.6	2985.1	2459.7
-20°	9301.5	8564.5	7821.6	7076.7	6334.6	5596.6	4860.5	4104.5	3396.1	2800.8	2327.5



REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8561.4	7905.2	7226.5	6539.3	5850.9	5160.8	4456.7	3748.4	3096.6	2593.8	2177.9
-25°	7812.4	7228.0	6619.1	5979.4	5339.1	4693.4	4020.7	3385.4	2841.9	2393.8	2017.5
-27.5°	7065.6	6542.9	5975.9	5388.2	4801.0	4193.5	3584.6	3014.7	2572.9	2197.2	1880.5
-30°	6319.6	5837.3	5319.2	4785.1	4240.3	3683.3	3133.7	2711.4	2333.1	2000.7	1731.9
-32.5°	5576.1	5136.7	4663.6	4174.6	3678.0	3181.6	2778.9	2417.4	2095.2	1830.1	1596.5
-35°	4832.2	4431.9	4002.3	3573.6	3131.6	2777.0	2441.4	2149.6	1892.1	1659.3	1461.8
-37.5°	4086.6	3732.3	3373.6	3007.6	2704.9	2412.1	2148.0	1911.2	1690.5	1510.0	1338.6
-40°	3381.6	3078.9	2827.7	2560.2	2327.8	2094.7	1889.6	1688.4	1526.2	1367.4	1218.9
-42.5°	2784.4	2576.6	2381.0	2194.7	2002.6	1828.6	1657.0	1511.9	1369.1	1235.1	1113.4
-45°	2320.1	2177.5	2023.4	1883.0	1730.6	1598.2	1469.4	1346.9	1225.3	1117.0	1009.0
-47.5°	1956.9	1849.9	1729.9	1619.4	1510.9	1401.3	1300.3	1193.8	1101.2	1005.3	920.7
-50°	1658.2	1577.3	1489.6	1400.5	1318.7	1230.2	1148.1	1067.6	986.8	910.7	834.6
-52.5°	1408.8	1351.7	1288.0	1217.4	1151.4	1084.4	1014.5	953.3	886.6	820.8	755.5
-55°	1213.0	1167.3	1117.6	1063.1	1006.9	956.3	902.6	848.6	794.1	734.9	682.4
-57.5°	1048.1	1010.1	971.3	929.6	885.3	842.7	798.8	751.7	706.8	659.8	612.3
-60°	904.3	873.6	843.9	811.6	776.7	739.3	703.2	665.3	625.7	586.9	547.1
-62.5°	774.0	756.9	729.5	701.3	674.0	646.3	613.4	580.2	548.3	516.0	482.7
-65°	646.5	629.0	609.1	592.0	571.5	547.3	520.2	496.5	473.0	447.3	418.8
-67.5°	535.8	522.7	507.8	492.0	476.8	459.1	441.1	421.5	401.3	378.5	356.8
-70°	446.8	438.5	428.0	414.7	400.7	385.9	370.6	353.4	333.5	311.7	294.5
-72.5°	374.1	369.0	361.1	349.3	335.9	321.9	307.1	290.4	271.2	249.4	233.0
-75°	308.9	305.4	299.5	288.4	276.3	263.2	249.3	232.2	212.7	190.5	174.3
-77.5°	242.9	241.3	237.9	228.9	219.7	210.4	198.7	179.0	159.3	140.3	128.0
-80°	174.7	174.7	173.1	166.3	159.2	151.8	142.9	127.6	112.9	99.2	89.5
-82.5°	110.6	108.7	106.2	102.5	98.8	95.0	90.8	81.1	71.8	63.0	55.6
-85°	49.3	47.9	46.5	46.4	46.2	45.6	44.6	40.0	35.6	31.5	27.9
-87.5°	8.4	8.5	8.7	9.1	9.5	9.9	10.2	9.8	9.5	9.1	8.8
-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: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-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°	9.8	10.6	11.3	11.8	12.2	12.4	12.4	12.2	11.7	11.0	10.2
85°	29.1	29.7	29.6	28.7	26.8	24.8	24.7	24.4	23.4	22.1	20.4
82.5°	57.8	59.6	60.6	60.2	56.5	52.5	48.3	43.9	39.1	33.8	30.7
80°	92.9	94.9	95.6	94.0	87.4	80.2	74.1	67.7	61.5	54.4	46.5
77.5°	130.7	132.2	132.6	130.1	121.7	112.6	102.8	92.5	83.8	75.0	65.2
75°	171.4	171.9	171.5	167.1	156.7	144.9	133.1	120.3	107.5	95.5	83.8
72.5°	224.2	217.0	211.5	204.4	193.0	179.8	164.6	147.6	131.4	116.2	102.0
70°	279.4	264.2	252.3	241.4	228.8	214.8	198.0	176.6	154.9	136.5	119.3
67.5°	337.1	318.2	299.1	279.3	263.8	248.0	231.0	205.3	179.3	156.3	136.1
65°	393.2	369.9	348.3	322.6	300.0	280.7	261.5	232.4	202.7	176.0	152.6
62.5°	449.8	418.5	391.5	363.6	336.4	312.5	290.8	257.7	225.2	194.8	168.3
60°	507.9	471.2	434.5	402.3	371.5	342.6	315.5	282.2	247.0	212.8	183.1
57.5°	568.2	524.1	482.2	442.0	406.1	372.7	339.3	304.7	268.0	231.0	196.5
55°	629.0	579.2	529.9	483.9	441.4	403.4	364.0	326.3	288.2	248.8	207.1
52.5°	694.2	635.9	580.3	526.5	477.9	433.2	390.4	347.4	307.3	265.9	218.7
50°	763.3	695.9	632.4	572.3	514.2	464.5	416.2	370.5	326.1	282.3	229.6
47.5°	835.8	759.6	687.3	618.5	555.3	494.6	443.1	393.3	344.3	298.6	239.5
45°	915.8	825.1	743.7	668.1	594.7	528.9	469.6	415.3	364.0	310.2	248.5
42.5°	996.1	895.8	802.3	716.2	637.7	563.4	495.1	438.0	383.0	320.9	257.2
40°	1088.8	968.1	861.1	767.8	680.2	596.5	524.4	460.0	400.7	331.4	265.7
37.5°	1179.1	1045.8	925.4	817.1	722.0	633.7	552.7	480.9	414.6	343.0	273.3
35°	1285.5	1126.1	986.6	869.3	765.1	669.2	579.4	502.3	429.9	354.1	280.1
32.5°	1388.9	1207.8	1055.5	922.7	805.8	702.8	607.7	524.1	445.5	364.7	286.1
30°	1502.5	1296.7	1120.4	972.7	846.2	737.3	636.1	544.7	461.2	374.6	291.9
27.5°	1611.7	1378.7	1183.5	1025.7	888.9	769.7	662.5	564.0	477.0	385.0	299.2
25°	1719.8	1467.3	1253.2	1076.2	928.1	799.1	686.7	582.0	492.4	396.7	305.7
22.5°	1837.2	1553.0	1315.9	1121.6	963.6	825.9	709.8	601.7	506.6	407.8	311.3
20°	1945.1	1630.3	1372.0	1165.0	998.8	854.9	731.4	619.4	519.3	418.2	316.2
17.5°	2046.8	1709.0	1434.5	1211.9	1032.1	880.4	750.5	634.9	530.6	427.8	320.0
15°	2153.7	1787.1	1490.8	1252.6	1061.0	902.4	766.8	648.2	540.3	436.5	323.7
12.5°	2244.9	1853.1	1538.1	1286.8	1085.2	920.9	780.5	659.3	548.3	443.8	327.0
10°	2320.1	1906.8	1576.2	1314.4	1104.7	935.6	791.3	668.3	555.1	449.5	328.9
7.5°	2378.6	1947.8	1605.0	1335.3	1119.7	947.2	800.3	675.3	560.3	453.5	329.3
5°	2419.5	1976.3	1626.2	1349.9	1131.0	955.5	806.8	679.9	563.8	455.7	328.3
2.5°	2441.0	1992.5	1639.1	1357.7	1137.5	960.0	810.4	682.2	565.6	456.0	326.0
0°	2444.3	1995.5	1642.8	1358.7	1139.1	960.7	811.1	682.1	565.4	454.3	322.5
-2.5°	2441.0	1992.5	1639.1	1357.7	1137.5	960.0	810.4	682.2	565.6	456.0	326.0
-5°	2419.5	1976.3	1626.2	1349.9	1131.0	955.5	806.8	679.9	563.8	455.7	328.3
-7.5°	2378.6	1947.8	1605.0	1335.3	1119.7	947.2	800.3	675.3	560.3	453.5	329.3
-10°	2320.1	1906.8	1576.2	1314.4	1104.7	935.6	791.3	668.3	555.1	449.5	328.9
-12.5°	2244.9	1853.1	1538.1	1286.8	1085.2	920.9	780.5	659.3	548.3	443.8	327.0
-15°	2153.7	1787.1	1490.8	1252.6	1061.0	902.4	766.8	648.2	540.3	436.5	323.7
-17.5°	2046.8	1709.0	1434.5	1211.9	1032.1	880.4	750.5	634.9	530.6	427.8	320.0
-20°	1945.1	1630.3	1372.0	1165.0	998.8	854.9	731.4	619.4	519.3	418.2	316.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1837.2	1553.0	1315.9	1121.6	963.6	825.9	709.8	601.7	506.6	407.8	311.3
-25°	1719.8	1467.3	1253.2	1076.2	928.1	799.1	686.7	582.0	492.4	396.7	305.7
-27.5°	1611.7	1378.7	1183.5	1025.7	888.9	769.7	662.5	564.0	477.0	385.0	299.2
-30°	1502.5	1296.7	1120.4	972.7	846.2	737.3	636.1	544.7	461.2	374.6	291.9
-32.5°	1388.9	1207.8	1055.5	922.7	805.8	702.8	607.7	524.1	445.5	364.7	286.1
-35°	1285.5	1126.1	986.6	869.3	765.1	669.2	579.4	502.3	429.9	354.1	280.1
-37.5°	1179.1	1045.8	925.4	817.1	722.0	633.7	552.7	480.9	414.6	343.0	273.3
-40°	1088.8	968.1	861.1	767.8	680.2	596.5	524.4	460.0	400.7	331.4	265.7
-42.5°	996.1	895.8	802.3	716.2	637.7	563.4	495.1	438.0	383.0	320.9	257.2
-45°	915.8	825.1	743.7	668.1	594.7	528.9	469.6	415.3	364.0	310.2	248.5
-47.5°	835.8	759.6	687.3	618.5	555.3	494.6	443.1	393.3	344.3	298.6	239.5
-50°	763.3	695.9	632.4	572.3	514.2	464.5	416.2	370.5	326.1	282.3	229.6
-52.5°	694.2	635.9	580.3	526.5	477.9	433.2	390.4	347.4	307.3	265.9	218.7
-55°	629.0	579.2	529.9	483.9	441.4	403.4	364.0	326.3	288.2	248.8	207.1
-57.5°	568.2	524.1	482.2	442.0	406.1	372.7	339.3	304.7	268.0	231.0	196.5
-60°	507.9	471.2	434.5	402.3	371.5	342.6	315.5	282.2	247.0	212.8	183.1
-62.5°	449.8	418.5	391.5	363.6	336.4	312.5	290.8	257.7	225.2	194.8	168.3
-65°	393.2	369.9	348.3	322.6	300.0	280.7	261.5	232.4	202.7	176.0	152.6
-67.5°	337.1	318.2	299.1	279.3	263.8	248.0	231.0	205.3	179.3	156.3	136.1
-70°	279.4	264.2	252.3	241.4	228.8	214.8	198.0	176.6	154.9	136.5	119.3
-72.5°	224.2	217.0	211.5	204.4	193.0	179.8	164.6	147.6	131.4	116.2	102.0
-75°	171.4	171.9	171.5	167.1	156.7	144.9	133.1	120.3	107.5	95.5	83.8
-77.5°	130.7	132.2	132.6	130.1	121.7	112.6	102.8	92.5	83.8	75.0	65.2
-80°	92.9	94.9	95.6	94.0	87.4	80.2	74.1	67.7	61.5	54.4	46.5
-82.5°	57.8	59.6	60.6	60.2	56.5	52.5	48.3	43.9	39.1	33.8	30.7
-85°	29.1	29.7	29.6	28.7	26.8	24.8	24.7	24.4	23.4	22.1	20.4
-87.5°	9.8	10.6	11.3	11.8	12.2	12.4	12.4	12.2	11.7	11.0	10.2
-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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REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-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°	9.2	7.2	5.4	3.7	2.3	1.0	0.0
85°	18.4	14.4	10.7	7.4	4.5	2.0	0.0
82.5°	27.6	21.5	16.0	11.1	6.8	3.0	0.0
80°	37.4	28.5	21.3	14.7	9.0	3.9	0.0
77.5°	53.4	37.1	26.4	18.3	11.2	4.9	0.0
75°	69.0	48.5	32.0	21.9	13.4	5.8	0.0
72.5°	84.0	59.6	39.6	25.3	15.5	6.8	0.0
70°	98.3	70.2	47.0	29.0	17.6	7.7	0.0
67.5°	110.6	80.3	54.0	33.5	19.6	8.6	0.0
65°	122.4	89.6	60.7	37.8	21.5	9.4	0.0
62.5°	133.5	98.1	67.1	41.8	23.4	10.3	0.0
60°	143.9	106.1	73.0	45.7	25.2	11.1	0.0
57.5°	153.4	113.6	78.5	49.2	27.3	11.9	0.0
55°	162.0	120.5	83.6	52.5	29.4	12.6	0.0
52.5°	170.0	126.7	88.2	55.6	31.4	13.4	0.0
50°	177.2	132.5	92.5	58.3	33.4	14.0	0.0
47.5°	183.9	137.7	96.3	60.8	35.2	14.7	0.0
45°	191.5	142.3	99.7	63.3	36.9	15.3	0.0
42.5°	198.2	146.3	102.6	65.4	38.6	15.9	0.0
40°	204.1	149.7	105.2	67.9	40.1	16.4	0.0
37.5°	209.1	152.5	107.5	70.3	41.6	16.9	0.0
35°	213.3	155.6	109.4	72.6	42.9	17.3	0.0
32.5°	217.2	158.6	110.9	74.6	44.1	17.8	0.0
30°	221.4	160.9	111.9	76.4	45.2	18.1	0.0
27.5°	224.9	162.5	114.3	78.1	46.2	18.4	0.0
25°	227.6	163.5	116.6	79.5	47.1	18.7	0.0
22.5°	229.5	164.8	118.6	80.7	47.9	19.0	0.0
20°	230.6	167.8	120.3	81.7	48.5	19.2	0.0
17.5°	233.2	170.3	121.8	82.5	49.0	19.3	0.0
15°	236.3	172.2	122.9	83.1	49.4	19.4	0.0
12.5°	238.6	173.6	123.8	83.5	49.7	19.5	0.0
10°	240.0	174.5	124.4	83.6	49.9	19.5	0.0
7.5°	240.5	174.8	124.6	83.6	50.0	19.5	0.0
5°	240.3	174.7	124.6	83.4	49.9	19.4	0.0
2.5°	239.2	174.0	124.2	82.9	49.7	19.3	0.0
0°	237.4	172.9	123.5	82.3	49.4	19.2	0.0
-2.5°	239.2	174.0	124.2	82.9	49.7	19.3	0.0
-5°	240.3	174.7	124.6	83.4	49.9	19.4	0.0
-7.5°	240.5	174.8	124.6	83.6	50.0	19.5	0.0
-10°	240.0	174.5	124.4	83.6	49.9	19.5	0.0
-12.5°	238.6	173.6	123.8	83.5	49.7	19.5	0.0
-15°	236.3	172.2	122.9	83.1	49.4	19.4	0.0
-17.5°	233.2	170.3	121.8	82.5	49.0	19.3	0.0
-20°	230.6	167.8	120.3	81.7	48.5	19.2	0.0

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REPORT NUMBER: P627343 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	229.5	164.8	118.6	80.7	47.9	19.0	0.0
-25°	227.6	163.5	116.6	79.5	47.1	18.7	0.0
-27.5°	224.9	162.5	114.3	78.1	46.2	18.4	0.0
-30°	221.4	160.9	111.9	76.4	45.2	18.1	0.0
-32.5°	217.2	158.6	110.9	74.6	44.1	17.8	0.0
-35°	213.3	155.6	109.4	72.6	42.9	17.3	0.0
-37.5°	209.1	152.5	107.5	70.3	41.6	16.9	0.0
-40°	204.1	149.7	105.2	67.9	40.1	16.4	0.0
-42.5°	198.2	146.3	102.6	65.4	38.6	15.9	0.0
-45°	191.5	142.3	99.7	63.3	36.9	15.3	0.0
-47.5°	183.9	137.7	96.3	60.8	35.2	14.7	0.0
-50°	177.2	132.5	92.5	58.3	33.4	14.0	0.0
-52.5°	170.0	126.7	88.2	55.6	31.4	13.4	0.0
-55°	162.0	120.5	83.6	52.5	29.4	12.6	0.0
-57.5°	153.4	113.6	78.5	49.2	27.3	11.9	0.0
-60°	143.9	106.1	73.0	45.7	25.2	11.1	0.0
-62.5°	133.5	98.1	67.1	41.8	23.4	10.3	0.0
-65°	122.4	89.6	60.7	37.8	21.5	9.4	0.0
-67.5°	110.6	80.3	54.0	33.5	19.6	8.6	0.0
-70°	98.3	70.2	47.0	29.0	17.6	7.7	0.0
-72.5°	84.0	59.6	39.6	25.3	15.5	6.8	0.0
-75°	69.0	48.5	32.0	21.9	13.4	5.8	0.0
-77.5°	53.4	37.1	26.4	18.3	11.2	4.9	0.0
-80°	37.4	28.5	21.3	14.7	9.0	3.9	0.0
-82.5°	27.6	21.5	16.0	11.1	6.8	3.0	0.0
-85°	18.4	14.4	10.7	7.4	4.5	2.0	0.0
-87.5°	9.2	7.2	5.4	3.7	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)